

Rev3.rep									
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	743.86	261.89	718.87	354.73	706.53	487.75	702.71	532.1	724.53
709.46	719.44	975.51	627.09	1222.16	616.94	1596.29	610.51	2128.38	607.96
2182.42	608.17	2305.75	609.24	2483.11	610.01	2616.14	607.7	2706.2	607.7
3491.88	610	3724.67	610	4123.74	613.85	4434.13	611.54	4788.86	610
4888.62	610	5063.22	607.7	5587	607.7	5675.5	581.31	5864	581.31
5967.75	607.7	6057.5	616.34	6083.14	620.45	6172.89	629.09	6326.74	639.96
6378.02	645.89	6480.59	655.44	6583.16	664.98	6634.45	669.53	6698.55	671.99
6724.19	673.8	6788.3	679.48	6813.94	681.29	6890.87	685.57	6942.15	685.75
6980.62	688.46	6993.44	692.13	7006.26	692.58	7096	698.92	7198.57	722.26
7275.5	727.7								
Manning's n values									
Sta	n Val	Sta	n Val	Sta	n Val	Sta	n Val	Sta	n Val
0	.15	5587	.15	5967.75	.15				
Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.									
	5587	5967.75		24.84	24.84	24.84		.1	.3
CROSS SECTION OUTPUT Profile #Max WS									
E.G. Elev (ft)	760.65	Element	Left OB	Channel	Right OB				
Vel Head (ft)	0.02	Wt. n-Val.	0.150	0.150	0.150				
W.S. Elev (ft)	760.63	Reach Len. (ft)	24.84	24.84	24.84				
Crit W.S. (ft)		Flow Area (sq ft)	743561.60	65740.35	124525.80				
E.G. Slope (ft/ft)	0.000016	Area (sq ft)	743561.60	65740.35	124525.80				
Q Total (cfs)	944069.80	Flow (cfs)	763632.40	79696.48	100740.90				
Top width (ft)	7275.50	Top width (ft)	5587.00	380.75	1307.75				
Vel Total (ft/s)	1.01	Avg. Vel. (ft/s)	1.03	1.21	0.81				
Max Chl Dpth (ft)	179.32	Hydr. Depth (ft)	133.09	172.66	95.22				
Conv. Total (cfs)	236250300.0	Conv. (cfs)	191096400.0	19943770.0	25210080.0				
Length Wtd. (ft)	24.84	Wetted Per. (ft)	5626.90	387.90	1347.85				
Min Ch El (ft)	581.31	Shear (lb/sq ft)	0.13	0.17	0.09				
Alpha	1.02	Stream Power (lb/ft s)	0.14	0.20	0.07				
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	48645.65	9452.65	55305.25				
C & E Loss (ft)		Cum SA (acres)	383.46	53.38	442.45				

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 10794.8*

INPUT

Description:

Station Elevation Data									
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	743.68	260.44	719.15	352.76	706.82	485.05	702.83	529.14	724.3
705.52	718.98	970.1	627.4	1215.38	616.98	1587.43	610.53	2116.57	607.87
2170.31	608.06	2292.95	609.12	2469.33	609.88	2601.62	607.6	2691.19	607.6
3472.5	610	3704	610	4100.86	613.8	4409.52	611.52	4762.29	610
4861.5	610	5035.12	607.6	5556	607.6	5644	581.28	5832	581.28
5937	607.6	6030.13	616.26	6056.74	620.45	6149.86	629.11	6309.51	639.84
6362.73	645.81	6469.16	655.36	6575.59	664.92	6628.8	669.45	6695.32	671.76
6721.93	673.55	6788.45	679.22	6815.06	681.01	6894.88	685.18	6948.1	685.15
6988.01	687.84	7001.31	691.61	7014.62	692.02	7107.75	698.28	7214.18	722.24
7294	727.6								

Manning's n values									
Sta	n Val	Sta	n Val	Sta	n Val	Sta	n Val	Sta	n Val
0	.15	5556	.15	5937	.15				
Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.									
	5556	5937		24.84	24.84	24.84		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.65	Element	Left OB	Channel	Right OB				
Vel Head (ft)	0.02	Wt. n-Val.	0.150	0.150	0.150				
W.S. Elev (ft)	760.63	Reach Len. (ft)	24.84	24.84	24.84				
Crit W.S. (ft)		Flow Area (sq ft)	739602.80	65793.19	129485.10				
E.G. Slope (ft/ft)	0.000016	Area (sq ft)	739602.80	65793.19	129485.10				
Q Total (cfs)	944069.40	Flow (cfs)	759387.30	79746.50	104935.60				
Top width (ft)	7294.00	Top width (ft)	5556.00	381.00	1357.00				
Vel Total (ft/s)	1.01	Avg. Vel. (ft/s)	1.03	1.21	0.81				
Max Chl Dpth (ft)	179.35	Hydr. Depth (ft)	133.12	172.69	95.42				

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		Rev3.rep			
Conv. Total (cfs)	236338900.0	Conv. (cfs)	190105500.0	19963780.0	26269630.0
Length Wtd. (ft)	24.84	Wetted Per. (ft)	5595.78	388.10	1397.09
Min Ch El (ft)	581.28	Shear (lb/sq ft)	0.13	0.17	0.09
Alpha	1.02	Stream Power (lb/ft s)	0.14	0.20	0.07
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	48222.77	9415.15	55232.82
C & E Loss (ft)		Cum SA (acres)	380.28	53.16	441.69

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 10770.*

INPUT

Description:

Station Elevation Data	num=	46							
Sta Elev Sta Elev Sta Elev									
0 743.5 258.98		719.42 350.79		707.1 482.34		702.94 526.19		724.06	
701.59 718.52 964.68		627.71 1208.59		617.02 1578.57		610.55 2104.76		607.78	
2158.2 607.96 2280.16		609 2455.56		609.75 2587.1		607.5 2676.17		607.5	
3453.12 610 3683.33		610 4077.98		613.75 4384.92		611.5 4735.71		610	
4834.38 610 5007.03		607.5 5525		607.5 5612.5		581.25 5800		581.25	
5906.25 607.5 6002.76		616.18 6030.33		620.44 6126.84		629.12 6292.28		639.71	
6347.43 645.74 6457.72		655.29 6568.01		664.85 6623.16		669.38 6692.1		671.54	
6719.67 673.31 6788.6		678.97 6816.18		680.74 6898.9		684.78 6954.04		684.56	
6995.4 687.21 7009.19		691.09 7022.98		691.47 7119.49		697.65 7229.78		722.21	
7312.5 727.5									

Manning's n values	num=	3
Sta n Val Sta n Val		
0 .15 5525 .15 5906.25 .15		

Bank Sta: Left Right	Lengths: Left Channel Right	Coeff Contr.	Expan.
5525 5906.25	24.84 24.84 24.84	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.65	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.02	wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.63	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	735646.80	65846.15	134462.90
E.G. Slope (ft/ft)	0.000016	Area (sq ft)	735646.80	65846.15	134462.90
Q Total (cfs)	944068.90	Flow (cfs)	755125.90	79793.98	109149.00
Top width (ft)	7312.50	Top width (ft)	5525.00	381.25	1406.25
Vel Total (ft/s)	1.01	Avg. Vel. (ft/s)	1.03	1.21	0.81
Max Chl Dpth (ft)	179.38	Hydr. Depth (ft)	133.15	172.71	95.62
Conv. Total (cfs)	236435000.0	Conv. (cfs)	189115700.0	19983810.0	27335570.0
Length Wtd. (ft)	24.84	Wetted Per. (ft)	5564.65	388.30	1446.34
Min Ch El (ft)	581.25	Shear (lb/sq ft)	0.13	0.17	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.14	0.20	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	47802.14	9377.62	55157.56
C & E Loss (ft)		Cum SA (acres)	377.12	52.95	440.91

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 10745.1*

INPUT

Description:

Station Elevation Data	num=	46							
Sta Elev Sta Elev Sta Elev									
0 743.32 257.53		719.7 348.83		707.38 479.63		703.06 523.24		723.82	
697.65 718.06 959.27		628.01 1201.81		617.06 1569.71		610.57 2092.95		607.69	
2146.09 607.85 2267.36		608.88 2441.78		609.62 2572.59		607.4 2661.16		607.4	
3433.75 610 3662.67		610 4055.1		613.7 4360.32		611.48 4709.14		610	
4807.25 610 4978.94		607.4 5494		607.4 5581		581.22 5768		581.22	
5875.5 607.4 5975.39		616.09 6003.93		620.44 6103.81		629.13 6275.05		639.58	
6332.13 645.66 6446.28		655.22 6560.44		664.79 6617.52		669.31 6688.87		671.32	
6717.41 673.06 6788.75		678.72 6817.29		680.46 6902.91		684.38 6959.99		683.96	
7002.8 686.58 7017.07		690.57 7031.34		690.92 7131.23		697.01 7245.38		722.18	
7331 727.4									

Rev3.rep

Manning's n Values
 Sta n Val Sta n Val
 0 .15 5494 .15 5875.5 .15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
 5494 5875.5 24.84 24.84 24.84 .1 .3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.65	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.02	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.63	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	731689.10	65899.15	139462.80
E.G. Slope (ft/ft)	0.000016	Area (sq ft)	731689.10	65899.15	139462.80
Q Total (cfs)	944068.40	Flow (cfs)	750843.40	79839.05	113386.00
Top Width (ft)	7331.00	Top width (ft)	5494.00	381.50	1455.50
Vel Total (ft/s)	1.01	Avg. Vel. (ft/s)	1.03	1.21	0.81
Max Chl Dpth (ft)	179.41	Hydr. Depth (ft)	133.18	172.74	95.82
Conv. Total (cfs)	236538000.0	Conv. (cfs)	188125100.0	20003810.0	28409060.0
Length wtd. (ft)	24.84	Wetted Per. (ft)	5533.53	388.50	1495.60
Min Ch El (ft)	581.22	Shear (lb/sq ft)	0.13	0.17	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.13	0.20	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	47383.77	9340.05	55079.46
C & E Loss (ft)		Cum SA (acres)	373.98	52.73	440.09

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 10720.3*

INPUT

Description:

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	743.14	256.08	719.97	346.86	707.67	476.93	703.18	520.29	723.58
693.71	717.6	953.86	628.32	1195.03	617.1	1560.86	610.6	2081.14	607.6
2133.98	607.74	2254.57	608.76	2428	609.49	2558.07	607.3	2646.14	607.3
3414.38	610	3642	610	4032.21	613.65	4335.71	611.46	4682.57	610
4780.12	610	4950.84	607.3	5463	607.3	5549.5	581.19	5736	581.19
5844.75	607.3	5948.02	616.01	5977.52	620.43	6080.79	629.14	6257.82	639.45
6316.83	645.58	6434.85	655.15	6552.87	664.72	6611.88	669.24	6685.64	671.1
6715.14	672.82	6788.91	678.46	6818.41	680.18	6906.93	683.99	6965.94	683.37
7010.19	685.95	7024.95	690.05	7039.7	690.36	7142.97	696.38	7260.99	722.15
7349.5	727.3								

Manning's n Values
 Sta n Val Sta n Val
 0 .15 5463 .15 5844.75 .15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
 5463 5844.75 24.84 24.84 24.84 .1 .3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.65	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.02	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.63	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	727723.80	65952.23	144481.80
E.G. Slope (ft/ft)	0.000016	Area (sq ft)	727723.80	65952.23	144481.80
Q Total (cfs)	944067.90	Flow (cfs)	746540.70	79882.93	117644.20
Top Width (ft)	7349.50	Top width (ft)	5463.00	381.75	1504.75
Vel Total (ft/s)	1.01	Avg. Vel. (ft/s)	1.03	1.21	0.81
Max Chl Dpth (ft)	179.44	Hydr. Depth (ft)	133.21	172.76	96.02
Conv. Total (cfs)	236644400.0	Conv. (cfs)	187131300.0	20023820.0	29489240.0
Length wtd. (ft)	24.84	Wetted Per. (ft)	5502.41	388.70	1544.88
Min Ch El (ft)	581.19	Shear (lb/sq ft)	0.13	0.17	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.13	0.20	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	46967.65	9302.46	54998.50
C & E Loss (ft)		Cum SA (acres)	370.85	52.51	439.25

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

Rev3.rep

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 10695.4*

INPUT

Description:

Station Elevation Data			num= 46			Elev			Sta			Elev			Sta			Elev		
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	742.96	254.62	720.24	344.89	707.95	474.22	703.3	517.33	723.35											
689.78	717.14	948.44	628.63	1188.25	617.14	1552	610.62	2069.33	607.52											
2121.88	607.64	2241.78	608.64	2414.22	609.36	2543.56	607.2	2631.12	607.2											
3395	610	3621.33	610	4009.33	613.6	4311.11	611.44	4656	610											
4753	610	4922.75	607.2	5432	607.2	5518	581.16	5704	581.16											
5814	607.2	5920.65	615.93	5951.12	620.42	6057.76	629.15	6240.59	639.32											
6301.53	645.51	6423.41	655.08	6545.29	664.66	6606.24	669.17	6682.41	670.88											
6712.88	672.58	6789.06	678.21	6819.53	679.91	6910.94	683.59	6971.88	682.78											
7017.59	685.32	7032.82	689.52	7048.06	689.81	7154.71	695.74	7276.59	722.12											
7368	727.2																			

Manning's n values			num= 3			Sta			n Val		
Sta	n Val	Sta	n Val	Sta	n Val	Sta	n Val	Sta	n Val		
0	.15	5432	.15	5814	.15						

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	5432	5814		24.84	24.84	24.84		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.65	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.02	wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.63	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	723757.20	66005.40	149518.60
E.G. Slope (ft/ft)	0.000016	Area (sq ft)	723757.20	66005.40	149518.60
Q Total (cfs)	944067.40	Flow (cfs)	742221.90	79924.91	121920.50
Top Width (ft)	7368.00	Top Width (ft)	5432.00	382.00	1554.00
Vel Total (ft/s)	1.01	Avg. Vel. (ft/s)	1.03	1.21	0.82
Max Chl Dpth (ft)	179.47	Hydr. Depth (ft)	133.24	172.79	96.22
Conv. Total (cfs)	236756200.0	Conv. (cfs)	186136800.0	20043830.0	30575620.0
Length Wtd. (ft)	24.84	Wetted Per. (ft)	5471.29	388.90	1594.16
Min Ch El (ft)	581.16	Shear (lb/sq ft)	0.13	0.17	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.13	0.20	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	46553.80	9264.84	54914.67
C & E Loss (ft)		Cum SA (acres)	367.75	52.29	438.37

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 10670.6*

INPUT

Description:

Station Elevation Data			num= 46			Elev			Sta			Elev			Sta			Elev		
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	742.78	253.17	720.52	342.92	708.24	471.52	703.41	514.38	723.11											
685.84	716.68	943.03	628.94	1181.47	617.18	1543.14	610.64	2057.52	607.43											
2109.77	607.53	2228.98	608.52	2400.44	609.23	2529.04	607.1	2616.11	607.1											
3375.62	610	3600.67	610	3986.45	613.55	4286.51	611.42	4629.43	610											
4725.88	610	4894.66	607.1	5401	607.1	5486.5	581.13	5672	581.13											
5783.25	607.1	5893.28	615.85	5924.71	620.42	6034.74	629.16	6223.36	639.19											
6286.23	645.43	6411.98	655.01	6537.72	664.59	6600.59	669.1	6679.18	670.66											
6710.62	672.33	6789.21	677.96	6820.65	679.63	6914.96	683.19	6977.83	682.18											
7024.98	684.69	7040.7	689	7056.42	689.26	7166.45	695.11	7292.19	722.09											
7386.5	727.1																			

Manning's n values			num= 3			Sta			n Val		
Sta	n Val	Sta	n Val	Sta	n Val	Sta	n Val	Sta	n Val		
0	.15	5401	.15	5783.25	.15						

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	5401	5783.25		24.84	24.84	24.84		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.64	Element	Left OB	Channel	Right OB
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		Rev3.rep		
Vel Head (ft)	0.02	wt. n-Val.	0.150	0.150
W.S. Elev (ft)	760.63	Reach Len. (ft)	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	719791.30	66058.59
E.G. Slope (ft/ft)	0.000016	Area (sq ft)	719791.30	66058.59
Q Total (cfs)	944066.90	Flow (cfs)	737884.60	79964.22
Top width (ft)	7386.50	Top width (ft)	5401.00	382.25
Vel Total (ft/s)	1.00	Avg. Vel. (ft/s)	1.03	1.21
Max Chl Dpth (ft)	179.50	Hydr. Depth (ft)	133.27	172.82
Conv. Total (cfs)	236875700.0	Conv. (cfs)	185142500.0	20063810.0
Length wtd. (ft)	24.84	wetted Per. (ft)	5440.18	389.10
Min Ch El (ft)	581.13	Shear (lb/sq ft)	0.13	0.17
Alpha	1.03	Stream Power (lb/ft s)	0.13	0.20
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	46142.21	9227.18
C & E Loss (ft)		Cum SA (acres)	364.66	52.07

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
REACH: PALUXY RIVER RS: 10645.8*

INPUT

Description:

Station Elevation Data		num= 46		Sta Elev		Sta Elev		Sta Elev		Sta Elev	
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	742.6	251.72	720.79	340.95	708.52	468.81	703.53	511.43	722.87		
681.9	716.22	937.62	629.25	1174.69	617.22	1534.29	610.66	2045.71	607.34		
2097.66	607.43	2216.19	608.4	2386.67	609.1	2514.52	607	2601.09	607		
3356.25	610	3580	610	3963.57	613.5	4261.9	611.4	4602.86	610		
4698.75	610	4866.56	607	5370	607	5455	581.1	5640	581.1		
5752.5	607	5865.91	615.76	5898.31	620.41	6011.72	629.18	6206.13	639.06		
6270.93	645.35	6400.54	654.94	6530.15	664.53	6594.95	669.02	6675.96	670.44		
6708.36	672.09	6789.36	677.71	6821.76	679.35	6918.97	682.79	6983.77	681.59		
7032.38	684.06	7048.58	688.48	7064.78	688.71	7178.19	694.47	7307.79	722.06		
7405	727										

Manning's n Values		num= 3		Sta n Val		Sta n Val	
Sta	n Val	Sta	n Val	Sta	n Val	Sta	n Val
0	.15	5370	.15	5752.5	.15		

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	5370	5752.5		24.84	24.84	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)		760.64		Element		Left OB		Channel		Right OB	
Vel Head (ft)	0.02			wt. n-Val.	0.150	0.150	0.150				
W.S. Elev (ft)	760.63			Reach Len. (ft)	24.84	24.84	24.84				
Crit W.S. (ft)				Flow Area (sq ft)	715824.70	66111.89	159654.00				
E.G. Slope (ft/ft)	0.000016			Area (sq ft)	715824.70	66111.89	159654.00				
Q Total (cfs)	944066.40			Flow (cfs)	733530.30	80001.30	130534.70				
Top width (ft)	7405.00			Top width (ft)	5370.00	382.50	1652.50				
Vel Total (ft/s)	1.00			Avg. Vel. (ft/s)	1.02	1.21	0.82				
Max Chl Dpth (ft)	179.53			Hydr. Depth (ft)	133.30	172.84	96.61				
Conv. Total (cfs)	237001700.0			Conv. (cfs)	184148000.0	20083800.0	32769890.0				
Length wtd. (ft)	24.84			wetted Per. (ft)	5409.06	389.30	1692.75				
Min Ch El (ft)	581.10			Shear (lb/sq ft)	0.13	0.17	0.09				
Alpha	1.03			Stream Power (lb/ft s)	0.13	0.20	0.08				
Frctn Loss (ft)	0.00			Cum Volume (acre-ft)	45732.88	9189.50	54738.38				
C & E Loss (ft)				Cum SA (acres)	361.59	51.86	436.55				

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
REACH: PALUXY RIVER RS: 10620.9*

INPUT

Description:

Station Elevation Data		num= 46		Sta Elev		Sta Elev		Sta Elev		Sta Elev	
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	742.42	250.27	721.07	338.98	708.8	466.1	703.65	508.48	722.63		
677.97	715.76	932.21	629.55	1167.91	617.26	1525.43	610.68	2033.9	607.25		

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2085.55	607.32	2203.4	608.28	2372.89	608.97	2500.01	606.9	2586.08	606.9
3336.87	610	3559.33	610	3940.69	613.45	4237.3	611.38	4576.29	610
4671.62	610	4838.47	606.9	5339	606.9	5423.5	581.07	5608	581.07
5721.75	606.9	5838.54	615.68	5871.9	620.41	5988.69	629.19	6188.9	638.93
6255.63	645.28	6389.1	654.87	6522.57	664.46	6589.31	668.95	6672.73	670.22
6706.1	671.84	6789.51	677.45	6822.88	679.08	6922.99	682.4	6989.72	680.99
7039.77	683.43	7056.46	687.96	7073.14	688.15	7189.93	693.84	7323.4	722.03
7423.5	726.9								

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	5339	.15	5721.75	.15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.

5339	5721.75	24.84	24.84	24.84	.1	.3
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CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.64	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.02	wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.63	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	711858.10	66165.27	164750.20
E.G. Slope (ft/ft)	0.000016	Area (sq ft)	711858.10	66165.27	164750.20
Q Total (cfs)	944065.90	Flow (cfs)	729160.40	80036.22	134869.30
Top Width (ft)	7423.50	Top width (ft)	5339.00	382.75	1701.75
Vel Total (ft/s)	1.00	Avg. Vel. (ft/s)	1.02	1.21	0.82
Max Chl Dpth (ft)	179.56	Hydr. Depth (ft)	133.33	172.87	96.81
Conv. Total (cfs)	237134100.0	Conv. (cfs)	183153300.0	20103810.0	33876990.0
Length Wtd. (ft)	24.84	wetted Per. (ft)	5377.96	389.51	1742.06
Min Ch El (ft)	581.07	Shear (lb/sq ft)	0.13	0.17	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.13	0.20	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	45325.82	9151.78	54645.88
C & E Loss (ft)		Cum SA (acres)	358.53	51.64	435.59

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 10596.1*

INPUT

Description:

Station	Elevation	Data	num=	46	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	742.24	248.81	721.34	337.02	709.09	463.4	703.77	505.52	722.39				
674.03	715.3	926.79	629.86	1161.12	617.3	1516.57	610.71	2022.1	607.16				
2073.44	607.21	2190.6	608.16	2359.11	608.84	2485.49	606.8	2571.06	606.8				
3317.5	610	3538.67	610	3917.81	613.4	4212.7	611.36	4549.71	610				
4644.5	610	4810.37	606.8	5308	606.8	5392	581.04	5576	581.04				
5691	606.8	5811.17	615.6	5845.5	620.4	5965.67	629.2	6171.67	638.8				
6240.33	645.2	6377.67	654.8	6515	664.4	6583.67	668.88	6669.5	670				
6703.83	671.6	6789.67	677.2	6824	678.8	6927	682	6995.67	680.4				
7047.17	682.8	7064.33	687.44	7081.5	687.6	7201.67	693.2	7339	722				
7442	726.8												

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	5308	.15	5691	.15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.

5308	5691	24.84	24.84	24.84	.1	.3
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CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.64	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.02	wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.63	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	707882.70	66218.62	169866.50
E.G. Slope (ft/ft)	0.000016	Area (sq ft)	707882.70	66218.62	169866.50
Q Total (cfs)	944065.40	Flow (cfs)	724770.20	80069.74	139225.40
Top Width (ft)	7442.00	Top width (ft)	5308.00	383.00	1751.00
Vel Total (ft/s)	1.00	Avg. Vel. (ft/s)	1.02	1.21	0.82
Max Chl Dpth (ft)	179.59	Hydr. Depth (ft)	133.36	172.89	97.01
Conv. Total (cfs)	237269900.0	Conv. (cfs)	182154900.0	20123750.0	34991220.0
Length Wtd. (ft)	24.84	wetted Per. (ft)	5346.85	389.71	1791.38
Min Ch El (ft)	581.04	Shear (lb/sq ft)	0.13	0.17	0.09

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Alpha	1.03	Stream Power (lb/ft s)	0.13	0.20	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	44921.02	9114.04	54550.47
C & E Loss (ft)		Cum SA (acres)	355.50	51.42	434.60

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 10571.2*

INPUT

Description:

Station	Elevation	Data	num=	46						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta
0	742.06	247.36	721.62	335.05	709.37	460.69	703.89	502.57	722.16	
670.1	714.84	921.38	630.17	1154.34	617.34	1507.71	610.73	2010.29	607.07	
2061.33	607.11	2177.81	608.04	2345.33	608.71	2470.98	606.7	2556.05	606.7	
3298.12	610	3518	610	3894.93	613.35	4188.1	611.34	4523.14	610	
4617.37	610	4782.28	606.7	5277	606.7	5360.5	581.01	5544	581.01	
5660.25	606.7	5783.8	615.52	5819.1	620.39	5942.64	629.21	6154.44	638.67	
6225.03	645.12	6366.23	654.73	6507.43	664.34	6578.02	668.81	6666.27	669.78	
6701.57	671.36	6789.82	676.95	6825.12	678.52	6931.01	681.6	7001.61	679.81	
7054.56	682.17	7072.21	686.92	7089.86	687.05	7213.41	692.56	7354.6	721.97	
7460.5	726.7									

Manning's n	Values	num=	3			
Sta	n Val	Sta	n Val	Sta	n Val	
0	.15	5277	.15	5660.25	.15	

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	5277	5660.25		24.84	24.84	24.84		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.64	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.02	Wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.63	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	703906.30	66272.03	175002.40
E.G. Slope (ft/ft)	0.000016	Area (sq ft)	703906.30	66272.03	175002.40
Q Total (cfs)	944064.90	Flow (cfs)	720363.60	80101.13	143600.10
Top width (ft)	7460.50	Top width (ft)	5277.00	383.25	1800.25
Vel Total (ft/s)	1.00	Avg. Vel. (ft/s)	1.02	1.21	0.82
Max Chl Dpth (ft)	179.62	Hydr. Depth (ft)	133.39	172.92	97.21
Conv. Total (cfs)	237411900.0	Conv. (cfs)	181155900.0	20143700.0	36112320.0
Length wtd. (ft)	24.84	Wetted Per. (ft)	5315.75	389.92	1840.70
Min Ch El (ft)	581.01	Shear (lb/sq ft)	0.13	0.17	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.13	0.20	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	44518.48	9076.26	54452.14
C & E Loss (ft)		Cum SA (acres)	352.48	51.20	433.59

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 10546.4*

INPUT

Description:

Station	Elevation	Data	num=	46						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta
0	741.88	245.91	721.89	333.08	709.66	457.98	704	499.62	721.92	
666.16	714.38	915.97	630.48	1147.56	617.38	1498.86	610.75	1998.48	606.98	
2049.22	607	2165.02	607.92	2331.56	608.58	2456.46	606.6	2541.03	606.6	
3278.75	610	3497.33	610	3872.05	613.3	4163.49	611.32	4496.57	610	
4590.25	610	4754.19	606.6	5246	606.6	5329	580.98	5512	580.98	
5629.5	606.6	5756.43	615.44	5792.69	620.39	5919.62	629.22	6137.21	638.54	
6209.73	645.05	6354.79	654.66	6499.85	664.27	6572.38	668.74	6663.04	669.56	
6699.31	671.11	6789.97	676.69	6826.24	678.25	6935.03	681.21	7007.56	679.21	
7061.96	681.54	7080.09	686.4	7098.22	686.49	7225.15	691.93	7370.21	721.94	
7479	726.6									

Manning's n	Values	num=	3			
Sta	n Val	Sta	n Val	Sta	n Val	

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0	.15	5246	.15	5629.5	.15		
Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff	Contr. Expan.
	5246	5629.5		24.84 24.84	24.84	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.64	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.02	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.63	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	699933.10	66325.63	180157.30
E.G. Slope (ft/ft)	0.000016	Area (sq ft)	699933.10	66325.63	180157.30
Q Total (cfs)	944064.40	Flow (cfs)	715943.20	80129.95	147991.30
Top width (ft)	7479.00	Top width (ft)	5246.00	383.50	1849.50
Vel Total (ft/s)	1.00	Avg. Vel. (ft/s)	1.02	1.21	0.82
Max Chl Dpth (ft)	179.65	Hydr. Depth (ft)	133.42	172.95	97.41
Conv. Total (cfs)	237562100.0	Conv. (cfs)	180158200.0	20163710.0	37240160.0
Length wtd. (ft)	24.84	Wetted Per. (ft)	5284.65	390.12	1890.03
Min Ch El (ft)	580.98	Shear (lb/sq ft)	0.13	0.17	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.13	0.20	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	44118.21	9038.45	54350.88
C & E Loss (ft)		Cum SA (acres)	349.48	50.98	432.55

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
REACH: PALUXY RIVER RS: 10521.6*

INPUT

Description:

Station	Elevation	Data	num=	46
Sta	Elev	Sta	Elev	Sta
0	741.7	244.45	722.17	331.11
662.22	713.92	910.56	630.79	1140.78
2037.11	606.9	2152.22	607.8	2317.78
3259.37	610	3476.67	610	3849.17
4563.12	610	4726.09	606.5	5215
5598.75	606.5	5729.06	615.35	5766.29
6194.44	644.97	6343.36	654.59	6492.28
6697.05	670.87	6790.12	676.44	6827.35
7069.35	680.91	7087.97	685.88	7106.58
7497.5	726.5		685.94	7236.89

Manning's n	Values	num=	3
Sta	n Val	Sta	n Val
0	.15	5215	.15
			5598.75

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff	Contr. Expan.
	5215	5598.75		24.84 24.84	24.84	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.64	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.02	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.62	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	695956.00	66379.27	185333.00
E.G. Slope (ft/ft)	0.000016	Area (sq ft)	695956.00	66379.27	185333.00
Q Total (cfs)	944063.90	Flow (cfs)	711504.60	80156.81	152402.40
Top width (ft)	7497.50	Top width (ft)	5215.00	383.75	1898.75
Vel Total (ft/s)	1.00	Avg. Vel. (ft/s)	1.02	1.21	0.82
Max Chl Dpth (ft)	179.67	Hydr. Depth (ft)	133.45	172.98	97.61
Conv. Total (cfs)	237717900.0	Conv. (cfs)	179158800.0	20183710.0	38375350.0
Length wtd. (ft)	24.84	Wetted Per. (ft)	5253.55	390.33	1939.36
Min Ch El (ft)	580.95	Shear (lb/sq ft)	0.13	0.17	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.13	0.20	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	43720.21	9000.62	54246.66
C & E Loss (ft)		Cum SA (acres)	346.50	50.76	431.48

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY

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REACH: PALUXY RIVER

RS: 10496.7*

INPUT

Description:

Station Elevation Data			num= 46			Sta Elev			Sta Elev		
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	741.52	243	722.44	329.14	710.22	452.57	704.24	493.71	721.44		
658.29	713.46	905.14	631.1	1134	617.46	1481.14	610.79	1974.86	606.81		
2025	606.79	2139.43	607.68	2304	608.32	2427.43	606.4	2511	606.4		
3240	610	3456	610	3826.29	613.2	4114.29	611.28	4443.43	610		
4536	610	4698	606.4	5184	606.4	5266	580.92	5448	580.92		
5568	606.4	5701.69	615.27	5739.88	620.38	5873.57	629.25	6102.74	638.28		
6179.14	644.89	6331.92	654.52	6484.71	664.14	6561.1	668.59	6656.59	669.12		
6694.78	670.62	6790.27	676.19	6828.47	677.69	6943.06	680.41	7019.45	678.02		
7076.75	680.28	7095.84	685.36	7114.94	685.39	7248.63	690.66	7401.41	721.88		
7516	726.4										

Manning's n values

Sta	n val	Sta	n val	Sta	n val
0	.15	5184	.15	5568	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	5184	5568		24.84	24.84	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.64	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.02	wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.62	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	691976.40	66432.98	190528.20
E.G. Slope (ft/ft)	0.000016	Area (sq ft)	691976.40	66432.98	190528.20
Q Total (cfs)	944063.40	Flow (cfs)	707050.10	80181.69	156831.60
Top width (ft)	7516.00	Top width (ft)	5184.00	384.00	1948.00
Vel Total (ft/s)	0.99	Avg. Vel. (ft/s)	1.02	1.21	0.82
Max Chl Dpth (ft)	179.70	Hydr. Depth (ft)	133.48	173.00	97.81
Conv. Total (cfs)	237879500.0	Conv. (cfs)	178158300.0	20203710.0	39517490.0
Length Wtd. (ft)	24.84	Wetted Per. (ft)	5222.46	390.54	1988.70
Min Ch El (ft)	580.92	Shear (lb/sq ft)	0.13	0.17	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.13	0.20	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	43324.48	8962.75	54139.50
C & E Loss (ft)		Cum SA (acres)	343.53	50.55	430.39

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY

REACH: PALUXY RIVER

RS: 10471.9*

INPUT

Description:

Station Elevation Data			num= 46			Sta Elev			Sta Elev		
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	741.34	241.55	722.71	327.17	710.51	449.87	704.36	490.76	721.21		
654.35	713.01	899.73	631.4	1127.22	617.5	1472.29	610.82	1963.05	606.72		
2012.89	606.68	2126.63	607.56	2290.22	608.19	2412.91	606.3	2495.98	606.3		
3220.62	610	3435.33	610	3803.4	613.15	4089.68	611.26	4416.86	610		
4508.87	610	4669.91	606.3	5153	606.3	5234.5	580.89	5416	580.89		
5537.25	606.3	5674.32	615.19	5713.48	620.37	5850.54	629.26	6085.51	638.15		
6163.84	644.82	6320.49	654.45	6477.13	664.08	6555.46	668.52	6653.36	668.9		
6692.52	670.38	6790.43	675.94	6829.59	677.42	6947.07	680.01	7025.4	677.43		
7084.14	679.65	7103.72	684.83	7123.3	684.84	7260.37	690.02	7417.02	721.85		
7534.5	726.3										

Manning's n values

Sta	n val	Sta	n val	Sta	n val
0	.15	5153	.15	5537.25	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	5153	5537.25		24.84	24.84	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.64	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.02	wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.62	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	687991.60	66486.74	195741.30

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E.G. Slope (ft/ft)	0.000016	Area (sq ft)	687991.60	66486.74	195741.30
Q Total (cfs)	944062.80	Flow (cfs)	702580.10	80205.15	161277.60
Top Width (ft)	7534.50	Top Width (ft)	5153.00	384.25	1997.25
Vel Total (ft/s)	0.99	Avg. Vel. (ft/s)	1.02	1.21	0.82
Max Chl Dpth (ft)	179.73	Hydr. Depth (ft)	133.51	173.03	98.01
Conv. Total (cfs)	238045100.0	Conv. (cfs)	177155300.0	20223700.0	40666090.0
Length Wtd. (ft)	24.84	wetted Per. (ft)	5191.38	390.75	2038.04
Min Ch El (ft)	580.89	Shear (lb/sq ft)	0.13	0.17	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.13	0.20	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	42931.02	8924.85	54029.36
C & E Loss (ft)		Cum SA (acres)	340.58	50.33	429.26

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 10447.0*

INPUT

Description:

Station Elevation Data			num=	46						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta
0	741.16	240.09	722.99	325.21	710.79	447.16	704.47	487.81	720.97	
650.41	712.55	894.32	631.71	1120.44	617.54	1463.43	610.84	1951.24	606.63	
2000.78	606.58	2113.84	607.44	2276.44	608.06	2398.4	606.2	2480.97	606.2	
3201.25	610	3414.67	610	3780.52	613.1	4065.08	611.24	4390.29	610	
4481.75	610	4641.81	606.2	5122	606.2	5203	580.86	5384	580.86	
5506.5	606.2	5646.95	615.11	5687.07	620.36	5827.52	629.27	6068.28	638.02	
6148.54	644.74	6309.05	654.38	6469.56	664.01	6549.81	668.45	6650.13	668.68	
6690.26	670.14	6790.58	675.68	6830.71	677.14	6951.09	679.62	7031.34	676.84	
7091.53	679.02	7111.6	684.31	7131.66	684.28	7272.11	689.39	7432.62	721.82	
7553	726.2									

Manning's n Values			num=	3			
Sta	n val	Sta	n val	Sta	n val	Sta	n val
0	.15	5122	.15	5506.5	.15		

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	5122	5506.5		24.84	24.84	24.84	.1		.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.64	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.02	wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.62	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	684009.30	66540.57	200975.80
E.G. Slope (ft/ft)	0.000016	Area (sq ft)	684009.30	66540.57	200975.80
Q Total (cfs)	944062.30	Flow (cfs)	698095.30	80225.68	165741.40
Top Width (ft)	7553.00	Top Width (ft)	5122.00	384.50	2046.50
Vel Total (ft/s)	0.99	Avg. Vel. (ft/s)	1.02	1.21	0.82
Max Chl Dpth (ft)	179.76	Hydr. Depth (ft)	133.54	173.06	98.20
Conv. Total (cfs)	238219400.0	Conv. (cfs)	176153400.0	20243700.0	41822260.0
Length Wtd. (ft)	24.84	Wetted Per. (ft)	5160.29	390.96	2087.39
Min Ch El (ft)	580.86	Shear (lb/sq ft)	0.13	0.17	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.13	0.20	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	42539.82	8886.92	53916.25
C & E Loss (ft)		Cum SA (acres)	337.65	50.11	428.11

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 10422.2*

INPUT

Description:

Station Elevation Data			num=	46						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta
0	740.98	238.64	723.26	323.24	711.08	444.45	704.59	484.86	720.73	
646.48	712.09	888.9	632.02	1113.66	617.58	1454.57	610.86	1939.43	606.54	
1988.67	606.47	2101.05	607.32	2262.67	607.93	2383.88	606.1	2465.95	606.1	
3181.87	610	3394	610	3757.64	613.05	4040.48	611.22	4363.71	610	
4454.62	610	4613.72	606.1	5091	606.1	5171.5	580.83	5352	580.83	

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 5475.75 606.1 5619.58 615.02 5660.67 620.36 5804.49 629.28 6051.05 637.89
 6133.24 644.66 6297.61 654.31 6461.99 663.95 6544.17 668.38 6646.9 668.46
 6688 669.89 6790.73 675.43 6831.82 676.86 6955.1 679.22 7037.29 676.24
 7098.93 678.39 7119.48 683.79 7140.02 683.73 7283.85 688.75 7448.22 721.79
 7571.5 726.1

Manning's n values num= 3
 Sta n Val Sta n Val
 0 .15 5091 .15 5475.75 .15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
 5091 5475.75 24.84 24.84 24.84 .1 .3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.64	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.02	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.62	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	680025.60	66594.46	206231.00
E.G. Slope (ft/ft)	0.000016	Area (sq ft)	680025.60	66594.46	206231.00
Q Total (cfs)	944061.80	Flow (cfs)	693594.80	80243.89	170223.20
Top width (ft)	7571.50	Top width (ft)	5091.00	384.75	2095.75
Vel Total (ft/s)	0.99	Avg. Vel. (ft/s)	1.02	1.20	0.83
Max Chl Dpth (ft)	179.79	Hydr. Depth (ft)	133.57	173.09	98.40
Conv. Total (cfs)	238400500.0	Conv. (cfs)	175150900.0	20263700.0	42985840.0
Length wtd. (ft)	24.84	Wetted Per. (ft)	5129.21	391.18	2136.75
Min Ch El (ft)	580.83	Shear (lb/sq ft)	0.13	0.17	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.13	0.20	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	42150.91	8848.96	53800.14
C & E Loss (ft)		Cum SA (acres)	334.74	49.89	426.93

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 10397.4*

INPUT

Description:

Station	Elevation	Data	num=	46						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta
0	740.8	237.19	723.54	321.27	711.36	441.75	704.71	481.9	720.49	
642.54	711.63	883.49	632.33	1106.87	617.62	1445.71	610.88	1927.62	606.45	
1976.56	606.37	2088.25	607.2	2248.89	607.8	2369.36	606	2450.94	606	
3162.5	610	3373.33	610	3734.76	613	4015.87	611.2	4337.14	610	
4427.5	610	4585.62	606	5060	606	5140	580.8	5320	580.8	
5445	606	5592.21	614.94	5634.26	620.35	5781.47	629.29	6033.82	637.76	
6117.94	644.59	6286.18	654.24	6454.41	663.88	6538.53	668.31	6643.68	668.24	
6685.74	669.65	6790.88	675.18	6832.94	676.59	6959.12	678.82	7043.24	675.65	
7106.32	677.76	7127.35	683.27	7148.38	683.18	7295.59	688.12	7463.82	721.76	
7590	726									

Manning's n values num= 3
 Sta n Val Sta n Val
 0 .15 5060 .15 5445 .15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
 5060 5445 24.84 24.84 24.84 .1 .3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.64	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.02	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.62	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	676038.60	66648.43	211502.10
E.G. Slope (ft/ft)	0.000016	Area (sq ft)	676038.60	66648.43	211502.10
Q Total (cfs)	944061.20	Flow (cfs)	689082.80	80260.67	174717.80
Top width (ft)	7590.00	Top width (ft)	5060.00	385.00	2145.00
Vel Total (ft/s)	0.99	Avg. Vel. (ft/s)	1.02	1.20	0.83
Max Chl Dpth (ft)	179.82	Hydr. Depth (ft)	133.60	173.11	98.60
Conv. Total (cfs)	238585800.0	Conv. (cfs)	174146900.0	20283700.0	44155180.0
Length wtd. (ft)	24.84	Wetted Per. (ft)	5098.13	391.39	2186.10
Min Ch El (ft)	580.80	Shear (lb/sq ft)	0.13	0.17	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.13	0.20	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	41764.26	8810.97	53681.04
C & E Loss (ft)		Cum SA (acres)	331.85	49.67	425.72

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Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 10372.5*

INPUT

Description:

Station Elevation Data		num= 46		Sta Elev		Sta Elev		Sta Elev		Sta Elev	
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	740.62	235.73	723.81	319.3	711.64	439.04	704.83	478.95	720.26		
638.6	711.17	878.08	632.64	1100.09	617.66	1436.86	610.91	1915.81	606.36		
1964.45	606.26	2075.46	607.08	2235.11	607.67	2354.85	605.9	2435.92	605.9		
3143.12	610	3352.67	610	3711.88	612.95	3991.27	611.18	4310.57	610		
4400.37	610	4557.53	605.9	5029	605.9	5108.5	580.77	5288	580.77		
5414.25	605.9	5564.84	614.86	5607.86	620.35	5758.45	629.31	6016.59	637.64		
6102.64	644.51	6274.74	654.16	6446.84	663.82	6532.89	668.23	6640.45	668.01		
6683.47	669.4	6791.03	674.92	6834.06	676.31	6963.13	678.43	7049.18	675.05		
7113.72	677.14	7135.23	682.75	7156.74	682.62	7307.33	687.48	7479.43	721.74		
7608.5	725.9										

Manning's n values		num= 3		Sta n Val		Sta n Val	
Sta	n Val	Sta	n Val	Sta	n Val	Sta	n Val
0	.15	5029	.15	5414.25	.15		

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	5029	5414.25		24.84	24.84	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.64	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.02	wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.62	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	672047.00	66702.45	216794.30
E.G. Slope (ft/ft)	0.000016	Area (sq ft)	672047.00	66702.45	216794.30
Q Total (cfs)	944060.60	Flow (cfs)	684553.80	80275.59	179231.20
Top Width (ft)	7608.50	Top Width (ft)	5029.00	385.25	2194.25
Vel Total (ft/s)	0.99	Avg. Vel. (ft/s)	1.02	1.20	0.83
Max Chl Dpth (ft)	179.85	Hydr. Depth (ft)	133.63	173.14	98.80
Conv. Total (cfs)	238776600.0	Conv. (cfs)	173140800.0	20303710.0	45332060.0
Length Wtd. (ft)	24.84	Wetted Per. (ft)	5067.06	391.60	2235.46
Min Ch El (ft)	580.77	Shear (lb/sq ft)	0.13	0.17	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.13	0.20	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	41379.89	8772.95	53558.92
C & E Loss (ft)		Cum SA (acres)	328.97	49.45	424.48

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 10347.7*

INPUT

Description:

Station Elevation Data		num= 46		Sta Elev		Sta Elev		Sta Elev		Sta Elev	
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	740.44	234.28	724.09	317.33	711.93	436.33	704.95	476	720.02		
634.67	710.71	872.67	632.95	1093.31	617.7	1428	610.93	1904	606.27		
1952.34	606.15	2062.67	606.96	2221.33	607.54	2340.33	605.8	2420.91	605.8		
3123.75	610	3332	610	3689	612.9	3966.67	611.16	4284	610		
4373.25	610	4529.44	605.8	4998	605.8	5077	580.74	5256	580.74		
5383.5	605.8	5537.47	614.78	5581.46	620.34	5735.42	629.32	5999.36	637.51		
6087.34	644.44	6263.3	654.09	6439.26	663.75	6527.25	668.16	6637.22	667.79		
6681.21	669.16	6791.19	674.67	6835.18	676.04	6967.15	678.03	7055.13	674.46		
7121.11	676.51	7143.11	682.23	7165.1	682.07	7319.07	686.85	7495.03	721.71		
7627	725.8										

Manning's n values		num= 3		Sta n Val		Sta n Val	
Sta	n Val	Sta	n Val	Sta	n Val	Sta	n Val
0	.15	4998	.15	5383.5	.15		

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.

4998 5383.5 24.84 24.84 Rev3.rep
24.84 .1 .3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.64	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.02	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.62	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	668055.90	66756.58	222104.50
E.G. Slope (ft/ft)	0.000016	Area (sq ft)	668055.90	66756.58	222104.50
Q Total (cfs)	944060.10	Flow (cfs)	680013.80	80288.32	183758.00
Top width (ft)	7627.00	Top width (ft)	4998.00	385.50	2243.50
Vel Total (ft/s)	0.99	Avg. Vel. (ft/s)	1.02	1.20	0.83
Max Chl Dpth (ft)	179.88	Hydr. Depth (ft)	133.66	173.17	99.00
Conv. Total (cfs)	238974200.0	Conv. (cfs)	172135000.0	20323750.0	46515480.0
Length wtd. (ft)	24.84	Wetted Per. (ft)	5035.98	391.82	2284.82
Min Ch El (ft)	580.74	Shear (lb/sq ft)	0.13	0.17	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.13	0.20	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	40997.80	8734.89	53433.78
C & E Loss (ft)		Cum SA (acres)	326.11	49.23	423.22

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
REACH: PALUXY RIVER RS: 10322.8*

INPUT

Description:

Station	Elevation	Data	num=	46	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	740.26	232.83			724.36	315.37	712.21	433.63	705.06	473.05	719.78			
630.73	710.25	867.25			633.25	1086.53	617.74	1419.14	610.95	1892.19	606.18			
1940.23	606.05	2049.87			606.84	2207.56	607.41	2325.82	605.7	2405.89	605.7			
3104.37	610	3311.33			610	3666.12	612.85	3942.06	611.14	4257.43	610			
4346.12	610	4501.34			605.7	4967	605.7	5045.5	580.71	5224	580.71			
5352.75	605.7	5510.1			614.69	5555.05	620.34	5712.4	629.33	5982.13	637.38			
6072.04	644.36	6251.87			654.02	6431.69	663.69	6521.6	668.09	6633.99	667.57			
6678.95	668.91	6791.34			674.42	6836.29	675.76	6971.16	677.63	7061.07	673.86			
7128.51	675.88	7150.99			681.71	7173.46	681.52	7330.81	686.21	7510.63	721.68			
7645.5	725.7													

Manning's n	Values	num=	3	Sta	n Val	Sta	n Val
0	.15	4967	.15	5352.75	.15		

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	4967	5352.75		24.84	24.84	24.84	.1	.3	

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.64	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.02	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.62	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	664068.30	66810.73	227438.40
E.G. Slope (ft/ft)	0.000016	Area (sq ft)	664068.30	66810.73	227438.40
Q Total (cfs)	944059.50	Flow (cfs)	675458.60	80297.71	188303.10
Top width (ft)	7645.50	Top width (ft)	4967.00	385.75	2292.75
Vel Total (ft/s)	0.99	Avg. Vel. (ft/s)	1.02	1.20	0.83
Max Chl Dpth (ft)	179.91	Hydr. Depth (ft)	133.70	173.20	99.20
Conv. Total (cfs)	239181500.0	Conv. (cfs)	171130300.0	20343770.0	47707400.0
Length wtd. (ft)	24.84	Wetted Per. (ft)	5004.92	392.03	2334.19
Min Ch El (ft)	580.71	Shear (lb/sq ft)	0.13	0.17	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.13	0.20	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	40617.98	8696.81	53305.61
C & E Loss (ft)		Cum SA (acres)	323.27	49.01	421.92

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
REACH: PALUXY RIVER RS: 10298.0*

INPUT

Rev3.rep

Description:

Station Elevation Data			num= 46								
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	740.08	231.37	724.64	313.4	712.5	430.92	705.18	470.1	719.54		
626.79	709.79	861.84	633.56	1079.75	617.78	1410.29	610.97	1880.38	606.1		
1928.12	605.94	2037.08	606.72	2193.78	607.28	2311.3	605.6	2390.87	605.6		
3085	610	3290.67	610	3643.24	612.8	3917.46	611.12	4230.86	610		
4319	610	4473.25	605.6	4936	605.6	5014	580.68	5192	580.68		
5322	605.6	5482.73	614.61	5528.65	620.33	5689.37	629.34	5964.9	637.25		
6056.74	644.28	6240.43	653.95	6424.12	663.62	6515.96	668.02	6630.76	667.35		
6676.69	668.67	6791.49	674.16	6837.41	675.48	6975.18	677.24	7067.02	673.27		
7135.9	675.25	7158.86	681.19	7181.82	680.96	7342.55	685.58	7526.24	721.65		
7664	725.6										

Manning's n values

num= 3					
Sta	n Val	Sta	n Val	Sta	n Val
0	.15	4936	.15	5322	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff	Contr.	Expan.
	4936	5322		24.84	24.84		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.63	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.02	Wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.62	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	660070.40	66864.93	232790.30
E.G. Slope (ft/ft)	0.000016	Area (sq ft)	660070.40	66864.93	232790.30
Q Total (cfs)	944058.90	Flow (cfs)	670888.00	80306.30	192864.60
Top width (ft)	7664.00	Top width (ft)	4936.00	386.00	2342.00
Vel Total (ft/s)	0.98	Avg. Vel. (ft/s)	1.02	1.20	0.83
Max Chl Dpth (ft)	179.94	Hydr. Depth (ft)	133.73	173.23	99.40
Conv. Total (cfs)	239391100.0	Conv. (cfs)	170121400.0	20363780.0	48905920.0
Length Wtd. (ft)	24.84	Wetted Per. (ft)	4973.86	392.25	2383.56
Min Ch El (ft)	580.68	Shear (lb/sq ft)	0.13	0.17	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.13	0.20	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	40240.43	8658.70	53174.38
C & E Loss (ft)		Cum SA (acres)	320.45	48.79	420.60

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY

REACH: PALUXY RIVER RS: 10273.2*

INPUT

Description:

Station Elevation Data			num= 46								
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	739.9	229.92	724.91	311.43	712.78	428.21	705.3	467.14	719.31		
622.86	709.33	856.43	633.87	1072.97	617.81	1401.43	610.99	1868.57	606.01		
1916.02	605.84	2024.29	606.6	2180	607.15	2296.79	605.5	2375.86	605.5		
3065.62	610	3270	610	3620.36	612.75	3892.86	611.1	4204.29	610		
4291.87	610	4445.16	605.5	4905	605.5	4982.5	580.65	5160	580.65		
5291.25	605.5	5455.35	614.53	5502.24	620.32	5666.35	629.35	5947.67	637.12		
6041.45	644.21	6229	653.88	6416.54	663.56	6510.32	667.95	6627.54	667.13		
6674.42	668.43	6791.64	673.91	6838.53	675.21	6979.19	676.84	7072.97	672.68		
7143.3	674.62	7166.74	680.66	7190.18	680.41	7354.29	684.94	7541.84	721.62		
7682.5	725.5										

Manning's n values

num= 3					
Sta	n Val	Sta	n Val	Sta	n Val
0	.15	4905	.15	5291.25	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff	Contr.	Expan.
	4905	5291.25		24.84	24.84		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.63	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.02	Wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.62	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	656076.80	66919.21	238159.70
E.G. Slope (ft/ft)	0.000016	Area (sq ft)	656076.80	66919.21	238159.70
Q Total (cfs)	944058.40	Flow (cfs)	666309.40	80312.26	197436.60
Top width (ft)	7682.50	Top width (ft)	4905.00	386.25	2391.25

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Vel Total (ft/s)	0.98	Avg. Vel. (ft/s)	1.02	1.20	0.83
Max Chl Dpth (ft)	179.97	Hydr. Depth (ft)	133.76	173.25	99.60
Conv. Total (cfs)	239608700.0	Conv. (cfs)	169114000.0	20383820.0	50110820.0
Length wtd. (ft)	24.84	wetted Per. (ft)	4942.80	392.47	2432.93
Min Ch El (ft)	580.65	Shear (lb/sq ft)	0.13	0.17	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.13	0.20	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	39865.17	8620.55	53040.11
C & E Loss (ft)		Cum SA (acres)	317.64	48.57	419.25

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 10248.3*

INPUT

Description:

Station Elevation Data			num=	46						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	739.72	228.47	725.18	309.46	713.06	425.51	705.42	464.19	719.07	
618.92	708.87	851.02	634.18	1066.19	617.85	1392.57	611.02	1856.76	605.92	
1903.91	605.73	2011.49	606.48	2166.22	607.02	2282.27	605.4	2360.84	605.4	
3046.25	610	3249.33	610	3597.48	612.7	3868.25	611.08	4177.71	610	
4264.75	610	4417.06	605.4	4874	605.4	4951	580.62	5128	580.62	
5260.5	605.4	5427.98	614.45	5475.84	620.32	5643.32	629.36	5930.44	636.99	
6026.15	644.13	6217.56	653.81	6408.97	663.49	6504.68	667.88	6624.31	666.91	
6672.16	668.18	6791.79	673.66	6839.65	674.93	6983.21	676.44	7078.91	672.08	
7150.69	673.99	7174.62	680.14	7198.54	679.86	7366.03	684.31	7557.44	721.59	
7701	725.4									

Manning's n Values			num=	3			
Sta	n val	Sta	n val	Sta	n val	Sta	
0	.15	4874	.15	5260.5	.15		

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	4874	5260.5		24.84	24.84	24.84	.1	.3	

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.63	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.02	wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.62	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	652077.10	66973.61	243551.20
E.G. Slope (ft/ft)	0.000015	Area (sq ft)	652077.10	66973.61	243551.20
Q Total (cfs)	944057.80	Flow (cfs)	661714.10	80316.52	202027.20
Top width (ft)	7701.00	Top width (ft)	4874.00	386.50	2440.50
Vel Total (ft/s)	0.98	Avg. Vel. (ft/s)	1.01	1.20	0.83
Max Chl Dpth (ft)	180.00	Hydr. Depth (ft)	133.79	173.28	99.80
Conv. Total (cfs)	239831700.0	Conv. (cfs)	168104100.0	20403880.0	51323670.0
Length wtd. (ft)	24.84	Wetted Per. (ft)	4911.74	392.69	2482.30
Min Ch El (ft)	580.62	Shear (lb/sq ft)	0.13	0.16	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.13	0.20	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	39492.18	8582.38	52902.76
C & E Loss (ft)		Cum SA (acres)	314.85	48.35	417.87

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 10223.5*

INPUT

Description:

Station Elevation Data			num=	46						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	739.54	227.02	725.46	307.49	713.35	422.8	705.53	461.24	718.83	
614.98	708.41	845.6	634.49	1059.41	617.89	1383.71	611.04	1844.95	605.83	
1891.8	605.62	1998.7	606.36	2152.44	606.89	2267.75	605.3	2345.83	605.3	
3026.87	610	3228.67	610	3574.59	612.65	3843.65	611.06	4151.14	610	
4237.62	610	4388.97	605.3	4843	605.3	4919.5	580.59	5096	580.59	
5229.75	605.3	5400.61	614.36	5449.43	620.31	5620.3	629.38	5913.21	636.86	
6010.85	644.05	6206.12	653.74	6401.4	663.43	6499.03	667.8	6621.08	666.69	
6669.9	667.94	6791.95	673.41	6840.76	674.65	6987.22	676.04	7084.86	671.49	

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 7158.09 673.36 7182.5 679.62 7206.9 679.31 7377.77 683.67 7573.04 721.56
 7719.5 725.3

Manning's n values num= 3
 Sta n Val Sta n Val Sta n Val
 0 .15 4843 .15 5229.75 .15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
 4843 5229.75 24.84 24.84 24.84 .1 .3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.63	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.02	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.62	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	648078.00	67028.04	248961.80
E.G. Slope (ft/ft)	0.000015	Area (sq ft)	648078.00	67028.04	248961.80
Q Total (cfs)	944057.30	Flow (cfs)	657108.40	80318.41	206630.50
Top width (ft)	7719.50	Top width (ft)	4843.00	386.75	2489.75
Vel Total (ft/s)	0.98	Avg. Vel. (ft/s)	1.01	1.20	0.83
Max Chl Dpth (ft)	180.03	Hydr. Depth (ft)	133.82	173.31	99.99
Conv. Total (cfs)	240061700.0	Conv. (cfs)	167094300.0	20423950.0	52543500.0
Length wtd. (ft)	24.84	Wetted Per. (ft)	4880.70	392.91	2531.68
Min Ch El (ft)	580.59	Shear (lb/sq ft)	0.13	0.16	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.13	0.20	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	39121.48	8544.17	52762.33
C & E Loss (ft)		Cum SA (acres)	312.08	48.13	416.47

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 10198.6*

INPUT

Description:

Station	Elevation	Data	num=	46						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta
0	739.36	225.56	725.73	305.52	713.63	420.1	705.65	458.29	718.59	
611.05	707.95	840.19	634.79	1052.62	617.93	1374.86	611.06	1833.14	605.74	
1879.69	605.52	1985.9	606.24	2138.67	606.76	2253.24	605.2	2330.81	605.2	
3007.5	610	3208	610	3551.71	612.6	3819.05	611.04	4124.57	610	
4210.5	610	4360.87	605.2	4812	605.2	4888	580.56	5064	580.56	
5199	605.2	5373.24	614.28	5423.03	620.31	5597.27	629.39	5895.98	636.73	
5995.55	643.98	6194.69	653.67	6393.82	663.36	6493.39	667.73	6617.85	666.47	
6667.64	667.69	6792.1	673.15	6841.88	674.38	6991.24	675.65	7090.8	670.89	
7165.48	672.73	7190.37	679.1	7215.26	678.75	7389.51	683.04	7588.65	721.53	
7738	725.2									

Manning's n Values num= 3
 Sta n Val Sta n Val Sta n Val
 0 .15 4812 .15 5199 .15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
 4812 5199 24.84 24.84 24.84 .1 .3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.63	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.02	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.62	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	644079.40	67082.54	254390.60
E.G. Slope (ft/ft)	0.000015	Area (sq ft)	644079.40	67082.54	254390.60
Q Total (cfs)	944056.60	Flow (cfs)	652493.30	80318.02	211245.30
Top width (ft)	7738.00	Top width (ft)	4812.00	387.00	2539.00
Vel Total (ft/s)	0.98	Avg. Vel. (ft/s)	1.01	1.20	0.83
Max Chl Dpth (ft)	180.06	Hydr. Depth (ft)	133.85	173.34	100.19
Conv. Total (cfs)	240298600.0	Conv. (cfs)	166084500.0	20444010.0	53770030.0
Length wtd. (ft)	24.84	Wetted Per. (ft)	4849.65	393.12	2581.06
Min Ch El (ft)	580.56	Shear (lb/sq ft)	0.13	0.16	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.13	0.20	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	38753.05	8505.93	52618.81
C & E Loss (ft)		Cum SA (acres)	309.33	47.91	415.03

Warning: The cross-section end points had to be extended vertically for the computed water surface.

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CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 10173.8*

INPUT

Description:

Station Elevation Data			num= 46			Elev Sta			Elev Sta		
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	739.18	224.11	726.01	303.56	713.92	417.39	705.77	455.33	718.35		
607.11	707.49	834.78	635.1	1045.84	617.97	1366	611.08	1821.33	605.65		
1867.58	605.41	1973.11	606.12	2124.89	606.63	2238.72	605.1	2315.8	605.1		
2988.12	610	3187.33	610	3528.83	612.55	3794.44	611.02	4098	610		
4183.37	610	4332.78	605.1	4781	605.1	4856.5	580.53	5032	580.53		
5168.25	605.1	5345.87	614.2	5396.62	620.3	5574.25	629.4	5878.75	636.6		
5980.25	643.9	6183.25	653.6	6386.25	663.3	6487.75	667.66	6614.62	666.25		
6665.38	667.45	6792.25	672.9	6843	674.1	6995.25	675.25	7096.75	670.3		
7172.88	672.1	7198.25	678.58	7223.62	678.2	7401.25	682.4	7604.25	721.5		
7756.5	725.1										

Manning's n values			num= 3		
Sta	n Val	Sta	n Val	Sta	n Val
0	.15	4781	.15	5168.25	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff	Contr.	Expan.
	4781	5168.25		24.84	24.84		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)		760.63	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.02		Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.62		Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)			Flow Area (sq ft)	640075.60	67137.15	259840.80
E.G. Slope (ft/ft)	0.000015		Area (sq ft)	640075.60	67137.15	259840.80
Q Total (cfs)	944056.00		Flow (cfs)	647863.50	80315.91	215876.60
Top width (ft)	7756.50		Top width (ft)	4781.00	387.25	2588.25
Vel Total (ft/s)	0.98		Avg. Vel. (ft/s)	1.01	1.20	0.83
Max Chl Dpth (ft)	180.09		Hydr. Depth (ft)	133.88	173.37	100.39
Conv. Total (cfs)	240541000.0		Conv. (cfs)	165072600.0	20464120.0	55004350.0
Length wtd. (ft)	24.84		Wetted Per. (ft)	4818.61	393.34	2630.44
Min Ch El (ft)	580.53		Shear (lb/sq ft)	0.13	0.16	0.09
Alpha	1.03		Stream Power (lb/ft s)	0.13	0.20	0.08
Frctn Loss (ft)	0.00		Cum Volume (acre-ft)	38386.91	8467.66	52472.19
C & E Loss (ft)			Cum SA (acres)	306.59	47.69	413.57

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 10149.*

INPUT

Description:

Station Elevation Data			num= 46			Elev Sta			Elev Sta		
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	739	222.66	726.28	301.59	714.2	414.68	705.89	452.38	718.12		
603.17	707.03	829.37	635.41	1039.06	618.01	1357.14	611.1	1809.52	605.56		
1855.47	605.3	1960.32	606	2111.11	606.5	2224.21	605	2300.78	605		
2968.75	610	3166.67	610	3505.95	612.5	3769.84	611	4071.43	610		
4156.25	610	4304.69	605	4750	605	4825	580.5	5000	580.5		
5137.5	605	5318.5	614.12	5370.22	620.29	5551.23	629.41	5861.52	636.47		
5964.95	643.82	6171.81	653.53	6378.68	663.24	6482.11	667.59	6611.4	666.03		
6663.11	667.21	6792.4	672.65	6844.12	673.82	6999.26	674.85	7102.7	669.71		
7180.27	671.47	7206.13	678.06	7231.99	677.65	7412.99	681.76	7619.85	721.47		
7775	725										

Manning's n values			num= 3		
Sta	n Val	Sta	n Val	Sta	n Val
0	.15	4750	.15	5137.5	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff	Contr.	Expan.
	4750	5137.5		24.84	24.84		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

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E.G. Elev (ft)	760.63	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.02	Wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.62	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	636070.40	67191.74	265310.10
E.G. Slope (ft/ft)	0.000015	Area (sq ft)	636070.40	67191.74	265310.10
Q Total (cfs)	944055.40	Flow (cfs)	643223.40	80311.60	220520.40
Top width (ft)	7775.00	Top width (ft)	4750.00	387.50	2637.50
Vel Total (ft/s)	0.97	Avg. Vel. (ft/s)	1.01	1.20	0.83
Max Chl Dpth (ft)	180.12	Hydr. Depth (ft)	133.91	173.40	100.59
Conv. Total (cfs)	240789700.0	Conv. (cfs)	164059800.0	20484190.0	56245680.0
Length Wtd. (ft)	24.84	Wetted Per. (ft)	4787.57	393.57	2679.82
Min Ch El (ft)	580.50	Shear (lb/sq ft)	0.13	0.16	0.10
Alpha	1.03	Stream Power (lb/ft s)	0.13	0.20	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	38023.05	8429.36	52322.46
C & E Loss (ft)		Cum SA (acres)	303.88	47.47	412.08

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 10124.1*

INPUT

Description:

Station	Elevation	Data	num=	46							
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	738.82	221.2	726.56	299.62	714.48	411.98	706.01	449.43	717.88		
599.24	706.58	823.95	635.72	1032.28	618.05	1348.29	611.13	1797.71	605.47		
1843.36	605.2	1947.52	605.88	2097.33	606.37	2209.69	604.9	2285.77	604.9		
2949.37	610	3146	610	3483.07	612.45	3745.24	610.98	4044.86	610		
4129.12	610	4276.59	604.9	4719	604.9	4793.5	580.47	4968	580.47		
5106.75	604.9	5291.13	614.04	5343.82	620.29	5528.2	629.42	5844.29	636.34		
5949.65	643.75	6160.38	653.46	6371.1	663.17	6476.47	667.52	6608.17	665.81		
6660.85	666.96	6792.55	672.39	6845.24	673.55	7003.28	674.46	7108.64	669.11		
7187.66	670.84	7214	677.54	7240.35	677.09	7424.73	681.13	7635.46	721.44		
7793.5	724.9										

Manning's n	Values	num=	3								
Sta	n Val	Sta	n Val	Sta	n Val	Sta	n Val	Sta	n Val	Sta	n Val
0	.15	4719	.15	5106.75	.15						

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	4719	5106.75		24.84	24.84	24.84		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.63	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.02	Wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.62	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	632057.60	67246.50	270797.90
E.G. Slope (ft/ft)	0.000015	Area (sq ft)	632057.60	67246.50	270797.90
Q Total (cfs)	944054.80	Flow (cfs)	638570.40	80306.39	225178.00
Top width (ft)	7793.50	Top width (ft)	4719.00	387.75	2686.75
Vel Total (ft/s)	0.97	Avg. Vel. (ft/s)	1.01	1.19	0.83
Max Chl Dpth (ft)	180.15	Hydr. Depth (ft)	133.94	173.43	100.79
Conv. Total (cfs)	241041900.0	Conv. (cfs)	163043700.0	20504320.0	57493830.0
Length Wtd. (ft)	24.84	Wetted Per. (ft)	4756.54	393.79	2729.21
Min Ch El (ft)	580.47	Shear (lb/sq ft)	0.13	0.16	0.10
Alpha	1.03	Stream Power (lb/ft s)	0.13	0.20	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	37661.47	8391.03	52169.60
C & E Loss (ft)		Cum SA (acres)	301.18	47.24	410.56

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 10099.3*

INPUT

Description:

Station	Elevation	Data	num=	46							
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev

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Rev3.rep									
0	738.64	219.75	726.83	297.65	714.77	409.27	706.12	446.48	717.64
595.3	706.12	818.54	636.03	1025.5	618.09	1339.43	611.15	1785.9	605.39
1831.25	605.09	1934.73	605.76	2083.56	606.24	2195.17	604.8	2270.75	604.8
2930	610	3125.33	610	3460.19	612.4	3720.63	610.96	4018.29	610
4102	610	4248.5	604.8	4688	604.8	4762	580.44	4936	580.44
5076	604.8	5263.76	613.95	5317.41	620.28	5505.18	629.44	5827.06	636.21
5934.35	643.67	6148.94	653.39	6363.53	663.11	6470.82	667.44	6604.94	665.59
6658.59	666.72	6792.71	672.14	6846.35	673.27	7007.29	674.06	7114.59	668.52
7195.06	670.21	7221.88	677.02	7248.71	676.54	7436.47	680.49	7651.06	721.41
7812	724.8								

Manning's n values num= 3
 Sta n val Sta n val Sta n val
 0 .15 4688 .15 5076 .15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
 4688 5076 24.84 24.84 .1 .3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.63	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.02	wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.61	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	628047.50	67301.26	276306.60
E.G. Slope (ft/ft)	0.000015	Area (sq ft)	628047.50	67301.26	276306.60
Q Total (cfs)	944054.20	Flow (cfs)	633908.40	80298.19	229847.60
Top width (ft)	7812.00	Top width (ft)	4688.00	388.00	2736.00
Vel Total (ft/s)	0.97	Avg. Vel. (ft/s)	1.01	1.19	0.83
Max Chl Dpth (ft)	180.17	Hydr. Depth (ft)	133.97	173.46	100.99
Conv. Total (cfs)	241302800.0	Conv. (cfs)	162028700.0	20524430.0	58749660.0
Length wtd. (ft)	24.84	wetted Per. (ft)	4725.52	394.01	2778.60
Min Ch El (ft)	580.44	Shear (lb/sq ft)	0.13	0.16	0.10
Alpha	1.03	Stream Power (lb/ft s)	0.13	0.19	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	37302.19	8352.67	52013.61
C & E Loss (ft)		Cum SA (acres)	298.50	47.02	409.02

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 10074.4*

INPUT

Description:

Station Elevation Data num= 46									
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	738.46	218.3	727.1	295.68	715.05	406.56	706.24	443.52	717.4
591.37	705.66	813.13	636.34	1018.72	618.13	1330.57	611.17	1774.1	605.3
1819.14	604.99	1921.94	605.64	2069.78	606.11	2180.66	604.7	2255.73	604.7
2910.62	610	3104.67	610	3437.31	612.35	3696.03	610.94	3991.71	610
4074.87	610	4220.41	604.7	4657	604.7	4730.5	580.41	4904	580.41
5045.25	604.7	5236.39	613.87	5291.01	620.28	5482.15	629.45	5809.83	636.08
5919.05	643.59	6137.5	653.32	6355.96	663.04	6465.18	667.37	6601.71	665.37
6656.33	666.47	6792.86	671.89	6847.47	672.99	7011.31	673.66	7120.53	667.92
7202.45	669.58	7229.76	676.5	7257.07	675.99	7448.21	679.86	7666.66	721.38
7830.5	724.7								

Manning's n values num= 3
 Sta n val Sta n val Sta n val
 0 .15 4657 .15 5045.25 .15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
 4657 5045.25 24.84 24.84 24.84 .1 .3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.63	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.02	wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.61	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	624037.10	67356.10	281835.10
E.G. Slope (ft/ft)	0.000015	Area (sq ft)	624037.10	67356.10	281835.10
Q Total (cfs)	944053.60	Flow (cfs)	629237.10	80287.70	234528.90
Top width (ft)	7830.50	Top width (ft)	4657.00	388.25	2785.25
Vel Total (ft/s)	0.97	Avg. Vel. (ft/s)	1.01	1.19	0.83
Max Chl Dpth (ft)	180.20	Hydr. Depth (ft)	134.00	173.49	101.19
Conv. Total (cfs)	241570800.0	Conv. (cfs)	161013400.0	20544560.0	60012840.0

		Rev3.rep			
Length wtd. (ft)	24.84	wetted Per. (ft)	4694.49	394.23	2827.99
Min Ch El (ft)	580.41	Shear (lb/sq ft)	0.13	0.16	0.10
Alpha	1.03	Stream Power (lb/ft s)	0.13	0.19	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	36945.19	8314.27	51854.47
C & E Loss (ft)		Cum SA (acres)	295.83	46.80	407.44

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 10049.6*

INPUT

Description:

Station	Elevation	Data	num=	46
Sta	Elev	Sta	Elev	Sta
0	738.28	216.84	727.38	293.71
587.43	705.2	807.71	636.64	1011.94
1807.03	604.88	1909.14	605.52	2056
2891.25	610	3084	610	3414.43
4047.75	610	4192.31	604.6	4626
5014.5	604.6	5209.02	613.79	5264.6
5903.75	643.52	6126.07	653.25	6348.38
6654.06	666.23	6793.01	671.64	6848.59
7209.85	668.95	7237.64	675.97	7265.43
7849	724.6			

Manning's n	Values	num=	3
Sta	n Val	Sta	n Val
0	.15	4626	.15
		5014.5	.15

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	4626	5014.5		24.84	24.84	24.84	.1	.3	

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.63	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.02	wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.61	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	620025.50	67411.02	287380.80
E.G. Slope (ft/ft)	0.000015	Area (sq ft)	620025.50	67411.02	287380.80
Q Total (cfs)	944053.00	Flow (cfs)	624558.50	80275.43	239219.10
Top width (ft)	7849.00	Top width (ft)	4626.00	388.50	2834.50
Vel Total (ft/s)	0.97	Avg. Vel. (ft/s)	1.01	1.19	0.83
Max Chl Dpth (ft)	180.23	Hydr. Depth (ft)	134.03	173.52	101.39
Conv. Total (cfs)	241844600.0	Conv. (cfs)	159997500.0	20564710.0	61282410.0
Length wtd. (ft)	24.84	wetted Per. (ft)	4663.48	394.46	2877.38
Min Ch El (ft)	580.38	Shear (lb/sq ft)	0.13	0.16	0.10
Alpha	1.03	Stream Power (lb/ft s)	0.13	0.19	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	36590.48	8275.85	51692.17
C & E Loss (ft)		Cum SA (acres)	293.18	46.58	405.84

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 10024.8*

INPUT

Description:

Station	Elevation	Data	num=	46
Sta	Elev	Sta	Elev	Sta
0	738.1	215.39	727.65	291.75
583.49	704.74	802.3	636.95	1005.16
1794.92	604.77	1896.35	605.4	2042.22
2871.88	610	3063.33	610	3391.55
4020.62	610	4164.22	604.5	4595
4983.75	604.5	5181.65	613.71	5238.2
5888.46	643.44	6114.63	653.18	6340.81
6651.8	665.99	6793.16	671.38	6849.71
7217.24	668.32	7245.51	675.45	7273.79
7867.5	724.5			

Rev3.rep
Manning's n Values num= 3
Sta n Val Sta n Val Sta n Val
0 .15 4595 .15 4983.75 .15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
4595 4983.75 24.84 24.84 24.84 .1 .3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.63	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.61	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	616012.40	67466.02	292948.90
E.G. Slope (ft/ft)	0.000015	Area (sq ft)	616012.40	67466.02	292948.90
Q Total (cfs)	944052.40	Flow (cfs)	619868.40	80260.69	243923.20
Top width (ft)	7867.50	Top width (ft)	4595.00	388.75	2883.75
Vel Total (ft/s)	0.97	Avg. Vel. (ft/s)	1.01	1.19	0.83
Max Chl Dpth (ft)	180.26	Hydr. Depth (ft)	134.06	173.55	101.59
Conv. Total (cfs)	242126000.0	Conv. (cfs)	158980900.0	20584880.0	62560250.0
Length wtd. (ft)	24.84	Wetted Per. (ft)	4632.47	394.68	2926.77
Min Ch El (ft)	580.35	Shear (lb/sq ft)	0.13	0.16	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.13	0.19	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	36238.05	8237.39	51526.71
C & E Loss (ft)		Cum SA (acres)	290.55	46.36	404.21

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
REACH: PALUXY RIVER RS: 9999.96*

INPUT

Description:

Station	Elevation	Data	num=	46						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	737.92	213.94	727.93	289.78	715.9	398.44	706.59	434.67	716.69	
579.56	704.28	796.89	637.26	998.38	618.25	1304	611.24	1738.67	605.03	
1782.81	604.67	1883.56	605.28	2028.44	605.72	2137.11	604.4	2210.69	604.4	
2852.5	610	3042.67	610	3368.67	612.2	3622.22	610.88	3912	610	
3993.5	610	4136.12	604.4	4564	604.4	4636	580.32	4808	580.32	
4953	604.4	5154.28	613.62	5211.79	620.26	5413.08	629.48	5758.14	635.69	
5873.16	643.36	6103.2	653.11	6333.24	662.85	6448.25	667.16	6592.03	664.71	
6649.54	665.74	6793.31	671.13	6850.82	672.16	7023.35	672.47	7138.37	666.14	
7224.64	667.69	7253.39	674.93	7282.15	674.33	7483.43	677.95	7713.47	721.29	
7886	724.4									

Manning's n Values num= 3
Sta n Val Sta n Val
0 .15 4564 .15 4953 .15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
4564 4953 24.84 24.84 24.84 .1 .3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.63	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.61	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	611992.20	67521.07	298538.40
E.G. Slope (ft/ft)	0.000015	Area (sq ft)	611992.20	67521.07	298538.40
Q Total (cfs)	944051.70	Flow (cfs)	615164.90	80244.53	248642.30
Top width (ft)	7886.00	Top width (ft)	4564.00	389.00	2933.00
Vel Total (ft/s)	0.97	Avg. Vel. (ft/s)	1.01	1.19	0.83
Max Chl Dpth (ft)	180.29	Hydr. Depth (ft)	134.09	173.58	101.79
Conv. Total (cfs)	242412000.0	Conv. (cfs)	157961000.0	20605050.0	63845930.0
Length wtd. (ft)	24.84	Wetted Per. (ft)	4601.46	394.91	2976.16
Min Ch El (ft)	580.32	Shear (lb/sq ft)	0.13	0.16	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.13	0.19	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	35887.92	8198.90	51358.06
C & E Loss (ft)		Cum SA (acres)	287.94	46.14	402.55

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

Rev3.rep

RIVER: PALUXY
 REACH: PALUXY RIVER

RS: 9975.12*

INPUT

Description:

Station	Elevation	Data	num=	46	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	737.74	212.48	728.2	287.81	716.19	395.74	706.71	431.71	716.45					
575.62	703.82	791.48	637.57	991.59	618.29	1295.14	611.26	1726.86	604.94					
1770.7	604.56	1870.76	605.16	2014.67	605.59	2122.6	604.3	2195.67	604.3					
2833.12	610	3022	610	3345.79	612.15	3597.62	610.86	3885.43	610					
3966.38	610	4108.03	604.3	4533	604.3	4604.5	580.29	4776	580.29					
4922.25	604.3	5126.91	613.54	5185.39	620.25	5390.05	629.49	5740.91	635.56					
5857.86	643.29	6091.76	653.04	6325.66	662.78	6442.61	667.09	6588.8	664.49					
6647.28	665.5	6793.47	670.88	6851.94	671.89	7027.37	672.07	7144.32	665.55					
7232.03	667.06	7261.27	674.41	7290.51	673.78	7495.17	677.32	7729.07	721.26					
7904.5	724.3													

Manning's n values

Sta	n Val	Sta	n Val
0	.15	4533	.15

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	4533	4922.25		24.84	24.84	24.84		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.63	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.61	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	607974.60	67576.19	304141.70
E.G. Slope (ft/ft)	0.000015	Area (sq ft)	607974.60	67576.19	304141.70
Q Total (cfs)	944051.10	Flow (cfs)	610460.80	80226.30	253364.10
Top width (ft)	7904.50	Top width (ft)	4533.00	389.25	2982.25
Vel Total (ft/s)	0.96	Avg. Vel. (ft/s)	1.00	1.19	0.83
Max Chl Dpth (ft)	180.32	Hydr. Depth (ft)	134.12	173.61	101.98
Conv. Total (cfs)	242704400.0	Conv. (cfs)	156942300.0	20625240.0	65136920.0
Length wtd. (ft)	24.84	wetted Per. (ft)	4570.46	395.13	3025.55
Min Ch El (ft)	580.29	Shear (lb/sq ft)	0.13	0.16	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.13	0.19	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	35540.08	8160.38	51186.22
C & E Loss (ft)		Cum SA (acres)	285.35	45.92	400.87

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER

RS: 9950.28*

INPUT

Description:

Station	Elevation	Data	num=	46	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	737.56	211.03	728.48	285.84	716.47	393.03	706.83	428.76	716.22					
571.68	703.36	786.06	637.88	984.81	618.33	1286.29	611.28	1715.05	604.85					
1758.59	604.46	1857.97	605.04	2000.89	605.46	2108.08	604.2	2180.66	604.2					
2813.75	610	3001.33	610	3322.9	612.1	3573.02	610.84	3858.86	610					
3939.25	610	4079.94	604.2	4502	604.2	4573	580.26	4744	580.26					
4891.5	604.2	5099.54	613.46	5158.99	620.25	5367.03	629.51	5723.68	635.44					
5842.56	643.21	6080.32	652.96	6318.09	662.72	6436.97	667.01	6585.57	664.26					
6645.01	665.25	6793.62	670.62	6853.06	671.61	7031.38	671.68	7150.26	664.95					
7239.43	666.44	7269.15	673.89	7298.87	673.22	7506.91	676.68	7744.68	721.24					
7923	724.2													

Manning's n values

Sta	n Val	Sta	n Val
0	.15	4502	.15

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	4502	4891.5		24.84	24.84	24.84		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.63	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	wt. n-val.	0.150	0.150	0.150

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Rev3.rep					
W.S. Elev (ft)	760.61	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	603952.50	67631.30	309766.30
E.G. Slope (ft/ft)	0.000015	Area (sq ft)	603952.50	67631.30	309766.30
Q Total (cfs)	944050.40	Flow (cfs)	605745.10	80206.16	258099.10
Top Width (ft)	7923.00	Top Width (ft)	4502.00	389.50	3031.50
Vel Total (ft/s)	0.96	Avg. Vel. (ft/s)	1.00	1.19	0.83
Max Chl Dpth (ft)	180.35	Hydr. Depth (ft)	134.15	173.64	102.18
Conv. Total (cfs)	243002500.0	Conv. (cfs)	155921300.0	20645400.0	66435780.0
Length Wtd. (ft)	24.84	Wetted Per. (ft)	4539.46	395.36	3074.95
Min Ch El (ft)	580.26	Shear (lb/sq ft)	0.13	0.16	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.13	0.19	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	35194.53	8121.83	51011.18
C & E Loss (ft)		Cum SA (acres)	282.77	45.69	399.15

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
REACH: PALUXY RIVER RS: 9925.44*

INPUT

Description:

Station Elevation Data		num=	46								
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	737.38	209.58	728.75	283.87	716.75	390.33	706.95	425.81	715.98		
567.75	702.9	780.65	638.19	978.03	618.37	1277.43	611.3	1703.24	604.76		
1746.48	604.35	1845.17	604.92	1987.11	605.33	2093.56	604.1	2165.64	604.1		
2794.38	610	2980.67	610	3300.02	612.05	3548.41	610.82	3832.29	610		
3912.12	610	4051.84	604.1	4471	604.1	4541.5	580.23	4712	580.23		
4860.75	604.1	5072.17	613.38	5132.58	620.24	5344	629.52	5706.45	635.31		
5827.26	643.14	6068.89	652.89	6310.51	662.65	6431.33	666.94	6582.35	664.04		
6642.75	665.01	6793.77	670.37	6854.18	671.34	7035.4	671.28	7156.21	664.36		
7246.82	665.81	7277.02	673.37	7307.23	672.67	7518.65	676.05	7760.28	721.21		
7941.5	724.1										

Manning's n Values		num=	3				
Sta	n Val	Sta	n Val	Sta	n Val	Sta	n Val
0	.15	4471	.15	4860.75	.15		

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	4471	4860.75		24.84	24.84	24.84		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.63	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.61	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	599932.10	67686.60	315409.00
E.G. Slope (ft/ft)	0.000015	Area (sq ft)	599932.10	67686.60	315409.00
Q Total (cfs)	944049.80	Flow (cfs)	601025.30	80183.89	262840.70
Top Width (ft)	7941.50	Top Width (ft)	4471.00	389.75	3080.75
Vel Total (ft/s)	0.96	Avg. Vel. (ft/s)	1.00	1.18	0.83
Max Chl Dpth (ft)	180.38	Hydr. Depth (ft)	134.18	173.67	102.38
Conv. Total (cfs)	243308200.0	Conv. (cfs)	154901100.0	20665650.0	67741450.0
Length Wtd. (ft)	24.84	Wetted Per. (ft)	4508.47	395.58	3124.35
Min Ch El (ft)	580.23	Shear (lb/sq ft)	0.13	0.16	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.13	0.19	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	34851.27	8083.25	50832.93
C & E Loss (ft)		Cum SA (acres)	280.22	45.47	397.41

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
REACH: PALUXY RIVER RS: 9900.6*

INPUT

Description:

Station Elevation Data		num=	46								
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	737.2	208.12	729.03	281.9	717.04	387.62	707.06	422.86	715.74		
563.81	702.44	775.24	638.49	971.25	618.41	1268.57	611.32	1691.43	604.68		
1734.38	604.24	1832.38	604.8	1973.33	605.2	2079.05	604	2150.62	604		

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2775	610	2960	610	3277.14	612	3523.81	610.8	3805.71	610
3885	610	4023.75	604	4440	604	4510	580.2	4680	580.2
4830	604	5044.8	613.29	5106.18	620.24	5320.98	629.53	5689.22	635.18
5811.96	643.06	6057.45	652.82	6302.94	662.59	6425.69	666.87	6579.12	663.82
6640.49	664.76	6793.92	670.12	6855.29	671.06	7039.41	670.88	7162.16	663.76
7254.22	665.18	7284.9	672.85	7315.59	672.12	7530.39	675.41	7775.88	721.18
7960	724								

Manning's n values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	4440	.15	4830	.15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.

4440	4830	24.84	24.84	24.84	.1	.3
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CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.62	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.61	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	595907.60	67741.89	321076.80
E.G. Slope (ft/ft)	0.000015	Area (sq ft)	595907.60	67741.89	321076.80
Q Total (cfs)	944049.20	Flow (cfs)	596291.70	80159.19	267598.30
Top width (ft)	7960.00	Top width (ft)	4440.00	390.00	3130.00
Vel Total (ft/s)	0.96	Avg. Vel. (ft/s)	1.00	1.18	0.83
Max Chl Dpth (ft)	180.41	Hydr. Depth (ft)	134.21	173.70	102.58
Conv. Total (cfs)	243621100.0	Conv. (cfs)	153878900.0	20685860.0	69056370.0
Length wtd. (ft)	24.84	wetted Per. (ft)	4477.49	395.81	3173.75
Min Ch El (ft)	580.20	Shear (lb/sq ft)	0.12	0.16	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.12	0.19	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	34510.31	8044.63	50651.45
C & E Loss (ft)		Cum SA (acres)	277.67	45.25	395.64

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 9875.76*

INPUT

Description:

Station	Elevation	Data	num=	46					
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	737.02	206.67	729.3	279.94	717.32	384.91	707.18	419.9	715.5
559.87	701.98	769.83	638.8	964.47	618.45	1259.71	611.35	1679.62	604.59
1722.27	604.14	1819.59	604.68	1959.56	605.07	2064.53	603.9	2135.61	603.9
2755.62	610	2939.33	610	3254.26	611.95	3499.21	610.78	3779.14	610
3857.88	610	3995.66	603.9	4409	603.9	4478.5	580.17	4648	580.17
4799.25	603.9	5017.43	613.21	5079.77	620.23	5297.96	629.54	5671.99	635.05
5796.66	642.98	6046.01	652.75	6295.37	662.52	6420.04	666.8	6575.89	663.6
6638.23	664.52	6794.07	669.86	6856.41	670.78	7043.43	670.49	7168.1	663.17
7261.61	664.55	7292.78	672.33	7323.95	671.56	7542.13	674.78	7791.49	721.15
7978.5	723.9								

Manning's n values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	4409	.15	4799.25	.15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.

4409	4799.25	24.84	24.84	24.84	.1	.3
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CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.62	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.61	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	591878.60	67797.27	326762.40
E.G. Slope (ft/ft)	0.000015	Area (sq ft)	591878.60	67797.27	326762.40
Q Total (cfs)	944048.50	Flow (cfs)	591550.90	80133.02	272364.60
Top width (ft)	7978.50	Top width (ft)	4409.00	390.25	3179.25
Vel Total (ft/s)	0.96	Avg. Vel. (ft/s)	1.00	1.18	0.83
Max Chl Dpth (ft)	180.44	Hydr. Depth (ft)	134.24	173.73	102.78
Conv. Total (cfs)	243938900.0	Conv. (cfs)	152854800.0	20706100.0	70378080.0
Length wtd. (ft)	24.84	wetted Per. (ft)	4446.51	396.04	3223.15
Min Ch El (ft)	580.17	Shear (lb/sq ft)	0.12	0.16	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.12	0.19	0.08

Frctn Loss (ft) 0.00 Rev3.rep
C & E Loss (ft) Cum Volume (acre-ft) 34171.64 8005.99 50466.73
Cum SA (acres) 275.15 45.03 393.84

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
REACH: PALUXY RIVER RS: 9850.92*

INPUT

Description:

Station	Elevation	Data	num=	46
Sta	Elev	Sta	Elev	Sta
0	736.84	205.22	729.57	277.97
555.94	701.52	764.41	639.11	957.69
1710.16	604.03	1806.79	604.56	1945.78
2736.25	610	2918.67	610	3231.38
3830.75	610	3967.56	603.8	4378
4768.5	603.8	4990.06	613.13	5053.37
5781.36	642.91	6034.58	652.68	6287.79
6635.97	664.28	6794.23	669.61	6857.53
7269	663.92	7300.66	671.8	7332.31
7997	723.8		671.01	7553.87

Manning's n	Values	num=	3
Sta	n Val	Sta	n Val
0	.15	4378	.15
		4768.5	.15

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	4378	4768.5		24.84	24.84	24.84	.1	.3	

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.62	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.61	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	587851.60	67852.73	332464.50
E.G. Slope (ft/ft)	0.000015	Area (sq ft)	587851.60	67852.73	332464.50
Q Total (cfs)	944047.90	Flow (cfs)	586808.50	80104.76	277134.60
Top width (ft)	7997.00	Top width (ft)	4378.00	390.50	3228.50
Vel Total (ft/s)	0.96	Avg. Vel. (ft/s)	1.00	1.18	0.83
Max Chl Dpth (ft)	180.47	Hydr. Depth (ft)	134.27	173.76	102.98
Conv. Total (cfs)	244263700.0	Conv. (cfs)	151831300.0	20726370.0	71706030.0
Length wtd. (ft)	24.84	Wetted Per. (ft)	4415.53	396.27	3272.55
Min Ch El (ft)	580.14	Shear (lb/sq ft)	0.12	0.16	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.12	0.19	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	33835.27	7967.31	50278.77
C & E Loss (ft)		Cum SA (acres)	272.65	44.80	392.01

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
REACH: PALUXY RIVER RS: 9826.08*

INPUT

Description:

Station	Elevation	Data	num=	46
Sta	Elev	Sta	Elev	Sta
0	736.66	203.77	729.85	276
552	701.06	759	639.42	950.91
1698.05	603.93	1794	604.44	1932
2716.88	610	2898	610	3208.5
3803.63	610	3939.47	603.7	4347
4737.75	603.7	4962.69	613.05	5026.96
5766.06	642.83	6023.14	652.61	6280.22
6633.7	664.03	6794.38	669.36	6858.65
7276.4	663.29	7308.53	671.28	7340.67
8015.5	723.7		670.46	7565.61

Manning's n	Values	num=	3
Sta	n Val	Sta	n Val
0	.15	4347	.15
		4737.75	.15

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Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	4347	4737.75		24.84	24.84	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.62	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.61	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	583820.40	67908.24	338189.10
E.G. Slope (ft/ft)	0.000015	Area (sq ft)	583820.40	67908.24	338189.10
Q Total (cfs)	944047.20	Flow (cfs)	582055.70	80074.51	281917.00
Top width (ft)	8015.50	Top width (ft)	4347.00	390.75	3277.75
Vel Total (ft/s)	0.95	Avg. Vel. (ft/s)	1.00	1.18	0.83
Max Chl Dpth (ft)	180.50	Hydr. Depth (ft)	134.30	173.79	103.18
Conv. Total (cfs)	244594800.0	Conv. (cfs)	150805800.0	20746640.0	73042370.0
Length wtd. (ft)	24.84	wetted Per. (ft)	4384.57	396.50	3321.95
Min Ch El (ft)	580.11	Shear (lb/sq ft)	0.12	0.16	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.12	0.19	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	33501.20	7928.60	50087.55
C & E Loss (ft)		Cum SA (acres)	270.16	44.58	390.16

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 9801.24*

INPUT

Description:

Station	Elevation	Data	num=	46
Sta	Elev	Sta	Elev	Sta
0	736.48	202.31	730.12	274.03
548.06	700.6	753.59	639.73	944.13
1685.94	603.82	1781.21	604.32	1918.22
2697.5	610	2877.33	610	3185.62
3776.5	610	3911.38	603.6	4316
4707	603.6	4935.32	612.96	5000.56
5750.76	642.75	6011.71	652.54	6272.65
6631.44	663.79	6794.53	669.11	6859.76
7283.79	662.66	7316.41	670.76	7349.03
8034	723.6			

Manning's n	Values	num=	3
Sta	n Val	Sta	n Val
0	.15	4316	.15
		4707	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	4316	4707		24.84	24.84	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.62	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.61	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	579790.30	67963.81	343932.90
E.G. Slope (ft/ft)	0.000015	Area (sq ft)	579790.30	67963.81	343932.90
Q Total (cfs)	944046.50	Flow (cfs)	577299.30	80041.87	286705.40
Top width (ft)	8034.00	Top width (ft)	4316.00	391.00	3327.00
Vel Total (ft/s)	0.95	Avg. Vel. (ft/s)	1.00	1.18	0.83
Max Chl Dpth (ft)	180.53	Hydr. Depth (ft)	134.34	173.82	103.38
Conv. Total (cfs)	244933600.0	Conv. (cfs)	149780800.0	20766930.0	74385950.0
Length wtd. (ft)	24.84	wetted Per. (ft)	4353.61	396.73	3371.35
Min Ch El (ft)	580.08	Shear (lb/sq ft)	0.12	0.16	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.12	0.19	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	33169.43	7889.86	49893.07
C & E Loss (ft)		Cum SA (acres)	267.69	44.36	388.27

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 9776.4*

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INPUT

Description:

Station Elevation Data				num=	46
Sta	Elev	Sta	Elev	Sta	Elev
0	736.3	200.86	730.4	272.06	718.46
544.13	700.15	748.17	640.03	937.34	618.61
1673.83	603.71	1768.41	604.2	1904.44	604.55
2678.13	610	2856.67	610	3162.74	611.75
3749.38	610	3883.28	603.5	4285	603.5
4676.25	603.5	4907.95	612.88	4974.15	620.21
5735.47	642.68	6000.27	652.47	6265.07	662.26
6629.18	663.54	6794.68	668.85	6860.88	669.68
7291.19	662.03	7324.29	670.24	7357.39	669.35
8052.5	723.5				

Manning's n values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	4285	.15	4676.25	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	4285	4676.25		24.84	24.84	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.62	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.61	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	575753.40	68019.46	349694.60
E.G. Slope (ft/ft)	0.000015	Area (sq ft)	575753.40	68019.46	349694.60
Q Total (cfs)	944045.90	Flow (cfs)	572535.20	80008.23	291502.40
Top Width (ft)	8052.50	Top Width (ft)	4285.00	391.25	3376.25
Vel Total (ft/s)	0.95	Avg. Vel. (ft/s)	0.99	1.18	0.83
Max Chl Dpth (ft)	180.56	Hydr. Depth (ft)	134.36	173.85	103.57
Conv. Total (cfs)	245276000.0	Conv. (cfs)	148752500.0	20787230.0	75736320.0
Length wtd. (ft)	24.84	wetted Per. (ft)	4322.66	396.96	3420.75
Min Ch El (ft)	580.05	Shear (lb/sq ft)	0.12	0.16	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.12	0.19	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	32839.95	7851.09	49695.30
C & E Loss (ft)		Cum SA (acres)	265.24	44.14	386.36

warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY

REACH: PALUXY RIVER

RS: 9751.56*

INPUT

Description:

Station Elevation Data				num=	46
Sta	Elev	Sta	Elev	Sta	Elev
0	736.12	199.41	730.67	270.1	718.74
540.19	699.69	742.76	640.34	930.56	618.65
1661.72	603.61	1755.62	604.08	1890.67	604.42
2658.75	610	2836	610	3139.86	611.7
3722.25	610	3855.19	603.4	4254	603.4
4645.5	603.4	4880.58	612.8	4947.75	620.2
5720.17	642.6	5988.83	652.4	6257.5	662.2
6626.92	663.3	6794.83	668.6	6862	669.4
7298.58	661.4	7332.17	669.72	7365.75	668.8
8071	723.4				

Manning's n values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	4254	.15	4645.5	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	4254	4645.5		24.84	24.84	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.62	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.61	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	571718.70	68075.16	355477.80
E.G. Slope (ft/ft)	0.000015	Area (sq ft)	571718.70	68075.16	355477.80

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Q Total (cfs)	944045.20	Flow (cfs)	567767.10	79971.77	296306.30
Top width (ft)	8071.00	Top width (ft)	4254.00	391.50	3425.50
Vel Total (ft/s)	0.95	Avg. Vel. (ft/s)	0.99	1.17	0.83
Max Chl Dpth (ft)	180.59	Hydr. Depth (ft)	134.40	173.88	103.77
Conv. Total (cfs)	245627500.0	Conv. (cfs)	147725200.0	20807550.0	77094810.0
Length wtd. (ft)	24.84	wetted Per. (ft)	4291.71	397.19	3470.16
Min Ch El (ft)	580.02	Shear (lb/sq ft)	0.12	0.16	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.12	0.19	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	32512.78	7812.29	49494.23
C & E Loss (ft)		Cum SA (acres)	262.80	43.91	384.42

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 9726.72*

INPUT

Description:

Station	Elevation	Data	num=	46																	
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	735.94	197.95	730.95	268.13	719.03	368.67	707.89	402.19	714.08												
536.25	699.23	737.35	640.65	923.78	618.69	1206.57	611.48	1608.76	604.05												
1649.61	603.5	1742.83	603.96	1876.89	604.29	1977.44	603.3	2045.52	603.3												
2639.38	610	2815.33	610	3116.98	611.65	3351.59	610.66	3619.71	610												
3695.13	610	3827.09	603.3	4223	603.3	4289.5	579.99	4456	579.99												
4614.75	603.3	4853.21	612.72	4921.35	620.19	5159.81	629.61	5568.6	634.27												
5704.87	642.52	5977.4	652.33	6249.93	662.14	6386.19	666.37	6556.52	662.28												
6624.65	663.06	6794.99	668.35	6863.12	669.12	7067.51	668.1	7203.78	659.61												
7305.98	660.77	7340.04	669.2	7374.11	668.25	7612.57	670.96	7885.1	720.97												
8089.5	723.3																				

Manning's n	Values	num=	3																		
Sta	n Val	Sta	n Val	Sta	n Val	Sta	n Val	Sta	n Val	Sta	n Val	Sta	n Val	Sta	n Val	Sta	n Val	Sta	n Val	Sta	n Val
0	.15	4223	.15	4614.75	.15																

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	4223	4614.75		24.84	24.84	24.84		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.62	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.61	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	567679.90	68130.95	361280.70
E.G. Slope (ft/ft)	0.000015	Area (sq ft)	567679.90	68130.95	361280.70
Q Total (cfs)	944044.50	Flow (cfs)	562992.40	79933.71	301118.40
Top width (ft)	8089.50	Top width (ft)	4223.00	391.75	3474.75
Vel Total (ft/s)	0.95	Avg. Vel. (ft/s)	0.99	1.17	0.83
Max Chl Dpth (ft)	180.62	Hydr. Depth (ft)	134.43	173.91	103.97
Conv. Total (cfs)	245984500.0	Conv. (cfs)	146695900.0	20827890.0	78460780.0
Length wtd. (ft)	24.84	wetted Per. (ft)	4260.77	397.42	3519.56
Min Ch El (ft)	579.99	Shear (lb/sq ft)	0.12	0.16	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.12	0.18	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	32187.91	7773.45	49289.87
C & E Loss (ft)		Cum SA (acres)	260.38	43.69	382.45

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 9701.88*

INPUT

Description:

Station	Elevation	Data	num=	46																	
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	735.76	196.5	731.22	266.16	719.31	365.97	708.01	399.24	713.84												
532.32	698.77	731.94	640.96	917	618.73	1197.71	611.5	1596.95	603.97												
1637.5	603.4	1730.03	603.84	1863.11	604.16	1962.92	603.2	2030.5	603.2												
2620	610	2794.67	610	3094.1	611.6	3326.98	610.64	3593.14	610												
3668	610	3799	603.2	4192	603.2	4258	579.96	4424	579.96												
4584	603.2	4825.84	612.64	4894.94	620.19	5136.78	629.62	5551.37	634.14												

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5689.57	642.45	5965.96	652.26	6242.35	662.07	6380.55	666.3	6553.29	662.06
6622.39	662.81	6795.14	668.09	6864.24	668.85	7071.53	667.71	7209.73	659.01
7313.37	660.14	7347.92	668.68	7382.47	667.69	7624.31	670.33	7900.71	720.94
8108	723.2								

Manning's n values num= 3

Sta	n val	Sta	n val	Sta	n val
0	.15	4192	.15	4584	.15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.

4192	4584	24.84	24.84	24.84	.1	.3
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CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.62	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.61	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	563639.10	68186.80	367101.10
E.G. Slope (ft/ft)	0.000015	Area (sq ft)	563639.10	68186.80	367101.10
Q Total (cfs)	944043.80	Flow (cfs)	558214.80	79894.00	305935.00
Top width (ft)	8108.00	Top width (ft)	4192.00	392.00	3524.00
Vel Total (ft/s)	0.95	Avg. Vel. (ft/s)	0.99	1.17	0.83
Max Chl Dpth (ft)	180.65	Hydr. Depth (ft)	134.46	173.95	104.17
Conv. Total (cfs)	246347200.0	Conv. (cfs)	145665600.0	20848250.0	79833420.0
Length wtd. (ft)	24.84	Wetted Per. (ft)	4229.83	397.65	3568.97
Min Ch El (ft)	579.96	Shear (lb/sq ft)	0.12	0.16	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.12	0.18	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	31865.35	7734.58	49082.19
C & E Loss (ft)		Cum SA (acres)	257.98	43.47	380.46

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 9677.04*

INPUT

Description:

Station	Elevation	Data	num=	46
Sta	Elev	Sta	Elev	Sta
0	735.58	195.05	731.49	264.19
528.38	698.31	726.52	641.27	910.22
1625.39	603.29	1717.24	603.72	1849.33
2600.63	610	2774	610	3071.21
3640.88	610	3770.91	603.1	4161
4553.25	603.1	4798.47	612.55	4868.54
5674.27	642.37	5954.52	652.19	6234.78
6620.13	662.57	6795.29	667.84	6865.35
7320.77	659.51	7355.8	668.16	7390.83
8126.5	723.1			

Manning's n values num= 3

Sta	n val	Sta	n val	Sta	n val
0	.15	4161	.15	4553.25	.15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.

4161	4553.25	24.84	24.84	24.84	.1	.3
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CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.62	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.60	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	559600.60	68242.75	372943.30
E.G. Slope (ft/ft)	0.000015	Area (sq ft)	559600.60	68242.75	372943.30
Q Total (cfs)	944043.10	Flow (cfs)	553434.10	79851.55	310757.50
Top width (ft)	8126.50	Top width (ft)	4161.00	392.25	3573.25
Vel Total (ft/s)	0.94	Avg. Vel. (ft/s)	0.99	1.17	0.83
Max Chl Dpth (ft)	180.67	Hydr. Depth (ft)	134.49	173.98	104.37
Conv. Total (cfs)	246719000.0	Conv. (cfs)	144636100.0	20868640.0	81214290.0
Length wtd. (ft)	24.84	Wetted Per. (ft)	4198.91	397.88	3618.38
Min Ch El (ft)	579.93	Shear (lb/sq ft)	0.12	0.16	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.12	0.18	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	31545.08	7695.69	48871.19
C & E Loss (ft)		Cum SA (acres)	255.60	43.24	378.44

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Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 9652.2*

INPUT

Description:

Station		Elevation Data		num=	46	Sta		Elev		Sta		Elev	
Sta	Elev	Sta	Elev			Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	735.4	193.59	731.77	262.22	719.88	360.56	708.24	393.33	713.36				
524.44	697.85	721.11	641.58	903.44	618.81	1180	611.55	1573.33	603.79				
1613.28	603.18	1704.44	603.6	1835.56	603.9	1933.89	603	2000.47	603				
2581.25	610	2753.33	610	3048.33	611.5	3277.78	610.6	3540	610				
3613.75	610	3742.81	603	4130	603	4195	579.9	4360	579.9				
4522.5	603	4771.1	612.47	4842.13	620.18	5090.74	629.65	5516.91	633.88				
5658.97	642.29	5943.09	652.12	6227.21	661.94	6369.26	666.15	6546.84	661.62				
6617.87	662.32	6795.44	667.59	6866.47	668.29	7079.56	666.91	7221.62	657.82				
7328.16	658.88	7363.68	667.64	7399.19	666.59	7647.79	669.06	7931.91	720.88				
8145	723												

Manning's n Values		num=	3	Sta		n Val	
Sta	n Val			Sta	n Val	Sta	n Val
0	.15	4130	.15	4522.5	.15		

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	4130	4522.5		24.84	24.84	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.62	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.60	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	555553.90	68298.74	378805.50
E.G. Slope (ft/ft)	0.000015	Area (sq ft)	555553.90	68298.74	378805.50
Q Total (cfs)	944042.40	Flow (cfs)	548644.70	79807.97	315589.70
Top width (ft)	8145.00	Top width (ft)	4130.00	392.50	3622.50
Vel Total (ft/s)	0.94	Avg. Vel. (ft/s)	0.99	1.17	0.83
Max Chl Dpth (ft)	180.70	Hydr. Depth (ft)	134.52	174.01	104.57
Conv. Total (cfs)	247094800.0	Conv. (cfs)	143602900.0	20889040.0	82602840.0
Length Wtd. (ft)	24.84	Wetted Per. (ft)	4167.99	398.12	3667.79
Min Ch El (ft)	579.90	Shear (lb/sq ft)	0.12	0.16	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.12	0.18	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	31227.13	7656.75	48656.85
C & E Loss (ft)		Cum SA (acres)	253.24	43.02	376.38

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 9627.36*

INPUT

Description:

Station		Elevation Data		num=	46	Sta		Elev		Sta		Elev	
Sta	Elev	Sta	Elev			Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	735.22	192.14	732.04	260.25	720.16	357.85	708.36	390.38	713.13				
520.51	697.39	715.7	641.88	896.66	618.85	1171.14	611.57	1561.52	603.7				
1601.17	603.08	1691.65	603.48	1821.78	603.77	1919.37	602.9	1985.45	602.9				
2561.88	610	2732.67	610	3025.45	611.45	3253.18	610.58	3513.43	610				
3586.63	610	3714.72	602.9	4099	602.9	4163.5	579.87	4328	579.87				
4491.75	602.9	4743.73	612.39	4815.73	620.17	5067.71	629.66	5499.68	633.75				
5643.67	642.22	5931.65	652.05	6219.63	661.88	6363.62	666.08	6543.61	661.4				
6615.61	662.08	6795.59	667.34	6867.59	668.02	7083.57	666.51	7227.56	657.23				
7335.56	658.25	7371.55	667.11	7407.55	666.04	7659.53	668.42	7947.51	720.85				
8163.5	722.9												

Manning's n Values		num=	3	Sta		n Val	
Sta	n Val			Sta	n Val	Sta	n Val
0	.15	4099	.15	4491.75	.15		

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	4099	4491.75		24.84	24.84	.1	.3

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CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.62	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.60	Reach Len. (ft)	24.84	24.84	24.84
Crit w.s. (ft)		Flow Area (sq ft)	551510.40	68354.79	384683.30
E.G. Slope (ft/ft)	0.000015	Area (sq ft)	551510.40	68354.79	384683.30
Q Total (cfs)	944041.70	Flow (cfs)	543858.40	79762.23	320421.00
Top width (ft)	8163.50	Top width (ft)	4099.00	392.75	3671.75
Vel total (ft/s)	0.94	Avg. vel. (ft/s)	0.99	1.17	0.83
Max chl Dpth (ft)	180.73	Hydr. Depth (ft)	134.55	174.04	104.77
Conv. Total (cfs)	247477800.0	Conv. (cfs)	142570900.0	20909440.0	83997450.0
Length wtd. (ft)	24.84	Wetted Per. (ft)	4137.08	398.35	3717.19
Min Ch El (ft)	579.87	Shear (lb/sq ft)	0.12	0.16	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.12	0.18	0.08
Frctn Loss (ft)	0.00	Cum volume (acre-ft)	30911.48	7617.79	48439.16
C & E Loss (ft)		Cum SA (acres)	250.89	42.79	374.30

CROSS SECTION

INPUT

num= 46

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	735.04	190.69	732.32	258.29	720.45	355.14	708.48	387.43	712.89
516.57	696.93	710.29	642.19	889.88	618.89	1162.29	611.59	1549.71	603.61
1589.06	602.97	1678.86	603.36	1808	603.64	1904.86	602.8	1970.44	602.8
2542.5	610	2712	610	3002.57	611.4	3228.57	610.56	3486.86	610
3559.5	610	3686.63	602.8	4068	602.8	4132	579.84	4296	579.84
4461	602.8	4716.36	612.31	4789.32	620.16	5044.69	629.67	5482.45	633.62
5628.37	642.14	5920.22	651.98	6212.06	661.81	6357.98	666.01	6540.38	661.18
6613.34	661.84	6795.75	667.08	6868.71	667.74	7087.59	666.12	7233.51	656.64
7342.95	657.62	7379.43	666.59	7415.91	665.48	7671.27	667.79	7963.12	720.82
8182	722.8								

Manning's n values		num=		3	
Sta	n Val	Sta	n Val	Sta	n Val
0	.15	4068	.15	4461	.15

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	4068	4461		24.84	24.84	24.84		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.62	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.60	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	547462.80	68410.90	390584.80
E.G. Slope (ft/ft)	0.000015	Area (sq ft)	547462.80	68410.90	390584.80
Q Total (cfs)	944041.00	Flow (cfs)	539064.40	79714.43	325262.20
Top width (ft)	8182.00	Top width (ft)	4068.00	393.00	3721.00
Vel Total (ft/s)	0.94	Avg. Vel. (ft/s)	0.98	1.17	0.83
Max Chl Dpth (ft)	180.76	Hydr. Depth (ft)	134.58	174.07	104.97
Conv. Total (cfs)	247868000.0	Conv. (cfs)	141537100.0	20929870.0	85401030.0
Length wtd. (ft)	24.84	Wetted Per. (ft)	4106.17	398.58	3766.60
Min Ch El (ft)	579.84	Shear (lb/sq ft)	0.12	0.16	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.12	0.18	0.08
Frctn Loss (ft)	0.00	Cum volume (acre-ft)	30598.13	7578.80	48218.11
C & E Loss (ft)		Cum SA (acres)	248.56	42.57	372.20

CROSS SECTION

INPUT

Description:

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Station Elevation Data			num= 46							
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	734.86	189.23	732.59	256.32	720.73	352.44	708.6	384.48	712.65	
512.64	696.47	704.87	642.5	883.09	618.93	1153.43	611.61	1537.91	603.52	
1576.95	602.86	1666.06	603.24	1794.22	603.51	1890.34	602.7	1955.42	602.7	
2523.13	610	2691.33	610	2979.69	611.35	3203.97	610.54	3460.29	610	
3532.38	610	3658.53	602.7	4037	602.7	4100.5	579.81	4264	579.81	
4430.25	602.7	4688.99	612.22	4762.92	620.16	5021.66	629.68	5465.22	633.49	
5613.07	642.06	5908.78	651.91	6204.49	661.75	6352.34	665.94	6537.15	660.96	
6611.08	661.59	6795.9	666.83	6869.82	667.46	7091.6	665.72	7239.46	656.04	
7350.35	656.99	7387.31	666.07	7424.27	664.93	7683.01	667.15	7978.72	720.79	
8200.5	722.7									

Manning's n Values			num=	3			
Sta	n Val	Sta	n Val	Sta	n Val	Sta	n Val
0	.15	4037	.15	4430.25	.15		

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	4037	4430.25		24.84	24.84	24.84		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.62	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.60	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	543415.60	68467.08	396507.80
E.G. Slope (ft/ft)	0.000014	Area (sq ft)	543415.60	68467.08	396507.80
Q Total (cfs)	944040.30	Flow (cfs)	534267.90	79664.20	330108.20
Top Width (ft)	8200.50	Top Width (ft)	4037.00	393.25	3770.25
Vel Total (ft/s)	0.94	Avg. Vel. (ft/s)	0.98	1.16	0.83
Max Chl Dpth (ft)	180.79	Hydr. Depth (ft)	134.61	174.11	105.17
Conv. Total (cfs)	248266300.0	Conv. (cfs)	140503200.0	20950310.0	86812740.0
Length wtd. (ft)	24.84	Wetted Per. (ft)	4075.27	398.82	3816.01
Min Ch El (ft)	579.81	Shear (lb/sq ft)	0.12	0.15	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.12	0.18	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	30287.10	7539.77	47993.70
C & E Loss (ft)		Cum SA (acres)	246.25	42.35	370.06

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
REACH: PALUXY RIVER RS: 9552.84*

INPUT

Description:

Station Elevation Data			num= 46								
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	734.68	187.78	732.87	254.35	721.01	349.73	708.71	381.52	712.41		
508.7	696.01	699.46	642.81	876.31	618.97	1144.57	611.63	1526.1	603.43		
1564.84	602.76	1653.27	603.12	1780.44	603.38	1875.83	602.6	1940.41	602.6		
2503.75	610	2670.67	610	2956.81	611.3	3179.37	610.52	3433.71	610		
3505.25	610	3630.44	602.6	4006	602.6	4069	579.78	4232	579.78		
4399.5	602.6	4661.62	612.14	4736.52	620.15	4998.64	629.69	5447.99	633.36		
5597.77	641.99	5897.34	651.84	6196.91	661.68	6346.7	665.87	6533.93	660.74		
6608.82	661.35	6796.05	666.58	6870.94	667.19	7095.62	665.32	7245.4	655.45		
7357.74	656.36	7395.19	665.55	7432.63	664.38	7694.75	666.52	7994.32	720.76		
8219	722.6										

Manning's n Values			num=	3			
Sta	n Val	Sta	n Val	Sta	n Val	Sta	n Val
0	.15	4006	.15	4399.5	.15		

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	4006	4399.5		24.84	24.84	24.84		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.62	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.60	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	539365.30	68523.32	402443.50
E.G. Slope (ft/ft)	0.000014	Area (sq ft)	539365.30	68523.32	402443.50
Q Total (cfs)	944039.60	Flow (cfs)	529473.30	79613.08	334953.30
Top Width (ft)	8219.00	Top width (ft)	4006.00	393.50	3819.50
Vel Total (ft/s)	0.93	Avg. Vel. (ft/s)	0.98	1.16	0.83

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Max Chl Dpth (ft)	180.82	Hydr. Depth (ft)	134.64	174.14	105.37
Conv. Total (cfs)	248668100.0	Conv. (cfs)	139467800.0	20970760.0	88229560.0
Length Wtd. (ft)	24.84	Wetted Per. (ft)	4044.39	399.05	3865.42
Min Ch El (ft)	579.78	Shear (lb/sq ft)	0.12	0.15	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.12	0.18	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	29978.37	7500.71	47765.89
C & E Loss (ft)		Cum SA (acres)	243.96	42.12	367.90

warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 9528.00*

INPUT

Description:

Station	Elevation	Data	num=	46																
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta
0	734.5	186.33	733.14	252.38	721.3	347.02	708.83	378.57	712.18											
504.76	695.55	694.05	643.12	869.53	619.01	1135.71	611.66	1514.29	603.34											
1552.73	602.65	1640.48	603	1766.67	603.25	1861.31	602.5	1925.39	602.5											
2484.38	610	2650	610	2933.93	611.25	3154.76	610.5	3407.14	610											
3478.13	610	3602.34	602.5	3975	602.5	4037.5	579.75	4200	579.75											
4368.75	602.5	4634.25	612.06	4710.11	620.15	4975.61	629.71	5430.76	633.24											
5582.48	641.91	5885.91	651.76	6189.34	661.62	6341.05	665.79	6530.7	660.51											
6606.56	661.1	6796.2	666.32	6872.06	666.91	7099.63	664.93	7251.35	654.85											
7365.13	655.74	7403.06	665.03	7440.99	663.82	7706.49	665.88	8009.93	720.74											
8237.5	722.5																			

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	3975	.15	4368.75	.15

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	3975	4368.75		24.84	24.84	24.84		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.62	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.60	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	535309.30	68579.64	408401.40
E.G. Slope (ft/ft)	0.000014	Area (sq ft)	535309.30	68579.64	408401.40
Q Total (cfs)	944038.90	Flow (cfs)	524671.80	79560.33	339806.80
Top Width (ft)	8237.50	Top Width (ft)	3975.00	393.75	3868.75
Vel Total (ft/s)	0.93	Avg. Vel. (ft/s)	0.98	1.16	0.83
Max Chl Dpth (ft)	180.85	Hydr. Depth (ft)	134.67	174.17	105.56
Conv. Total (cfs)	249075800.0	Conv. (cfs)	138429700.0	20991240.0	89654820.0
Length Wtd. (ft)	24.84	Wetted Per. (ft)	4013.51	399.29	3914.83
Min Ch El (ft)	579.75	Shear (lb/sq ft)	0.12	0.15	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.12	0.18	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	29671.96	7461.62	47534.70
C & E Loss (ft)		Cum SA (acres)	241.68	41.90	365.70

warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 9503.16*

INPUT

Description:

Station	Elevation	Data	num=	46																
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta
0	734.32	184.88	733.41	250.41	721.58	344.32	708.95	375.62	711.94											
500.83	695.09	688.64	643.43	862.75	619.05	1126.86	611.68	1502.48	603.26											
1540.63	602.55	1627.68	602.88	1752.89	603.12	1846.79	602.4	1910.38	602.4											
2465	610	2629.33	610	2911.05	611.2	3130.16	610.48	3380.57	610											
3451	610	3574.25	602.4	3944	602.4	4006	579.72	4168	579.72											
4338	602.4	4606.88	611.98	4683.71	620.14	4952.59	629.72	5413.53	633.11											
5567.18	641.84	5874.47	651.69	6181.77	661.55	6335.41	665.72	6527.47	660.29											
6604.29	660.86	6796.35	666.07	6873.18	666.64	7103.65	664.53	7257.29	654.26											
7372.53	655.11	7410.94	664.51	7449.35	663.27	7718.23	665.25	8025.53	720.71											

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8256 722.4

Manning's n Values num= 3
Sta n Val Sta n Val Sta n Val
0 .15 3944 .15 4338 .15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
3944 4338 24.84 24.84 24.84 .1 .3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.61	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.60	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	531253.60	68636.08	414376.60
E.G. Slope (ft/ft)	0.000014	Area (sq ft)	531253.60	68636.08	414376.60
Q Total (cfs)	944038.20	Flow (cfs)	519871.90	79505.75	344660.50
Top width (ft)	8256.00	Top width (ft)	3944.00	394.00	3918.00
Vel Total (ft/s)	0.93	Avg. Vel. (ft/s)	0.98	1.16	0.83
Max Chl Dpth (ft)	180.88	Hydr. Depth (ft)	134.70	174.20	105.76
Conv. Total (cfs)	249490300.0	Conv. (cfs)	137391700.0	21011770.0	91086830.0
Length wtd. (ft)	24.84	Wetted Per. (ft)	3982.63	399.52	3964.25
Min Ch El (ft)	579.72	Shear (lb/sq ft)	0.12	0.15	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.12	0.18	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	29367.85	7422.49	47300.11
C & E Loss (ft)		Cum SA (acres)	239.43	41.67	363.48

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
REACH: PALUXY RIVER RS: 9478.32*

INPUT

Description:

Station Elevation Data num= 46

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	734.14	183.42	733.69	248.44	721.87	341.61	709.07	372.67	711.7
496.89	694.63	683.22	643.73	855.97	619.09	1118	611.7	1490.67	603.17
1528.52	602.44	1614.89	602.76	1739.11	602.99	1832.28	602.3	1895.36	602.3
2445.63	610	2608.67	610	2888.17	611.15	3105.56	610.46	3354	610
3423.88	610	3546.16	602.3	3913	602.3	3974.5	579.69	4136	579.69
4307.25	602.3	4579.51	611.89	4657.3	620.14	4929.56	629.73	5396.3	632.98
5551.88	641.76	5863.03	651.62	6174.19	661.49	6329.77	665.65	6524.24	660.07
6602.03	660.61	6796.5	665.82	6874.29	666.36	7107.66	664.13	7263.24	653.66
7379.92	654.48	7418.82	663.99	7457.71	662.72	7729.98	664.61	8041.13	720.68
8274.5	722.3								

Manning's n Values num= 3
Sta n Val Sta n Val Sta n Val
0 .15 3913 .15 4307.25 .15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
3913 4307.25 24.84 24.84 24.84 .1 .3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.61	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.60	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	527198.90	68692.52	420378.30
E.G. Slope (ft/ft)	0.000014	Area (sq ft)	527198.90	68692.52	420378.30
Q Total (cfs)	944037.40	Flow (cfs)	515067.50	79448.08	349521.80
Top width (ft)	8274.50	Top width (ft)	3913.00	394.25	3967.25
Vel Total (ft/s)	0.93	Avg. Vel. (ft/s)	0.98	1.16	0.83
Max Chl Dpth (ft)	180.91	Hydr. Depth (ft)	134.73	174.24	105.96
Conv. Total (cfs)	249914900.0	Conv. (cfs)	136353700.0	21032280.0	92528860.0
Length wtd. (ft)	24.84	Wetted Per. (ft)	3951.77	399.76	4013.66
Min Ch El (ft)	579.69	Shear (lb/sq ft)	0.12	0.15	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.12	0.18	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	29066.06	7383.34	47062.10
C & E Loss (ft)		Cum SA (acres)	237.19	41.45	361.24

Warning: The cross-section end points had to be extended vertically for the computed water surface.

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CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 9453.48*

INPUT

Description:

Station	Elevation	Data	num=	46	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	733.96	181.97	733.96	246.48	722.15	338.9	709.18	369.71	711.46				
492.95	694.17	677.81	644.04	849.19	619.13	1109.14	611.72	1478.86	603.08				
1516.41	602.33	1602.1	602.64	1725.33	602.86	1817.76	602.2	1880.34	602.2				
2426.25	610	2588	610	2865.29	611.1	3080.95	610.44	3327.43	610				
3396.75	610	3518.06	602.2	3882	602.2	3943	579.66	4104	579.66				
4276.5	602.2	4552.14	611.81	4630.9	620.13	4906.54	629.74	5379.07	632.85				
5536.58	641.68	5851.6	651.55	6166.62	661.42	6324.13	665.58	6521.01	659.85				
6599.77	660.37	6796.66	665.56	6875.41	666.08	7111.68	663.74	7269.19	653.07				
7387.32	653.85	7426.7	663.47	7466.07	662.16	7741.72	663.98	8056.73	720.65				
8293	722.2												

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	3882	.15	4276.5	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	3882	4276.5		24.84	24.84	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.61	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.60	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	523143.00	68749.06	426397.50
E.G. Slope (ft/ft)	0.000014	Area (sq ft)	523143.00	68749.06	426397.50
Q Total (cfs)	944036.80	Flow (cfs)	510264.20	79388.76	354383.80
Top Width (ft)	8293.00	Top Width (ft)	3882.00	394.50	4016.50
Vel Total (ft/s)	0.93	Avg. Vel. (ft/s)	0.98	1.15	0.83
Max Chl Dpth (ft)	180.94	Hydr. Depth (ft)	134.76	174.27	106.16
Conv. Total (cfs)	250345800.0	Conv. (cfs)	135315200.0	21052820.0	93977790.0
Length wtd. (ft)	24.84	wetted Per. (ft)	3920.91	400.00	4063.07
Min Ch El (ft)	579.66	Shear (lb/sq ft)	0.12	0.15	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.12	0.18	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	28766.58	7344.15	46820.66
C & E Loss (ft)		Cum SA (acres)	234.96	41.22	358.96

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 9428.64*

INPUT

Description:

Station	Elevation	Data	num=	46	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	733.78	180.52	734.24	244.51	722.43	336.2	709.3	366.76	711.22				
489.02	693.71	672.4	644.35	842.41	619.17	1100.29	611.74	1467.05	602.99				
1504.3	602.23	1589.3	602.52	1711.56	602.73	1803.25	602.1	1865.33	602.1				
2406.88	610	2567.33	610	2842.41	611.05	3056.35	610.42	3300.86	610				
3369.63	610	3489.97	602.1	3851	602.1	3911.5	579.63	4072	579.63				
4245.75	602.1	4524.77	611.73	4604.49	620.12	4883.52	629.75	5361.84	632.72				
5521.28	641.61	5840.16	651.48	6159.04	661.36	6318.49	665.51	6517.79	659.63				
6597.51	660.13	6796.81	665.31	6876.53	665.81	7115.69	663.34	7275.13	652.48				
7394.71	653.22	7434.57	662.94	7474.43	661.61	7753.46	663.34	8072.34	720.62				
8311.5	722.1												

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	3851	.15	4245.75	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	3851	4245.75		24.84	24.84	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

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E.G. Elev (ft)	760.61	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.60	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	519082.00	68805.64	432432.10
E.G. Slope (ft/ft)	0.000014	Area (sq ft)	519082.00	68805.64	432432.10
Q Total (cfs)	944036.00	Flow (cfs)	505460.80	79328.47	359246.70
Top Width (ft)	8311.50	Top Width (ft)	3851.00	394.75	4065.75
Vel Total (ft/s)	0.93	Avg. Vel. (ft/s)	0.97	1.15	0.83
Max Chl Dpth (ft)	180.97	Hydr. Depth (ft)	134.79	174.30	106.36
Conv. Total (cfs)	250780300.0	Conv. (cfs)	134274200.0	21073370.0	95432800.0
Length Wtd. (ft)	24.84	Wetted Per. (ft)	3890.07	400.23	4112.48
Min Ch El (ft)	579.63	Shear (lb/sq ft)	0.12	0.15	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.11	0.18	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	28469.42	7304.93	46575.79
C & E Loss (ft)		Cum SA (acres)	232.76	41.00	356.66

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
REACH: PALUXY RIVER RS: 9403.80*

INPUT

Description:

Station	Elevation	Data	num=	46						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	733.6	179.06	734.51	242.54	722.72	333.49	709.42	363.81	710.99	
485.08	693.26	666.98	644.66	835.63	619.21	1091.43	611.77	1455.24	602.9	
1492.19	602.12	1576.51	602.4	1697.78	602.6	1788.73	602	1850.31	602	
2387.5	610	2546.67	610	2819.52	611	3031.75	610.4	3274.29	610	
3342.5	610	3461.88	602	3820	602	3880	579.6	4040	579.6	
4215	602	4497.4	611.65	4578.09	620.12	4860.49	629.76	5344.61	632.59	
5505.98	641.53	5828.73	651.41	6151.47	661.29	6312.84	665.44	6514.56	659.41	
6595.25	659.88	6796.96	665.06	6877.65	665.53	7119.71	662.94	7281.08	651.88	
7402.11	652.59	7442.45	662.42	7482.79	661.06	7765.2	662.71	8087.94	720.59	
8330	722									

Manning's n	Values	num=	3							
Sta	n Val	Sta	n Val	Sta	n Val	Sta	n Val	Sta	n Val	
0	.15	3820	.15	4215	.15					

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	3820	4215		24.84	24.84	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.61	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.60	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	515016.00	68862.34	438490.70
E.G. Slope (ft/ft)	0.000014	Area (sq ft)	515016.00	68862.34	438490.70
Q Total (cfs)	944035.30	Flow (cfs)	500651.70	79266.42	364117.20
Top Width (ft)	8330.00	Top width (ft)	3820.00	395.00	4115.00
Vel Total (ft/s)	0.92	Avg. Vel. (ft/s)	0.97	1.15	0.83
Max Chl Dpth (ft)	181.00	Hydr. Depth (ft)	134.82	174.34	106.56
Conv. Total (cfs)	251221700.0	Conv. (cfs)	133230800.0	21093970.0	96896970.0
Length Wtd. (ft)	24.84	Wetted Per. (ft)	3859.23	400.47	4161.90
Min Ch El (ft)	579.60	Shear (lb/sq ft)	0.12	0.15	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.11	0.17	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	28174.57	7265.68	46327.47
C & E Loss (ft)		Cum SA (acres)	230.57	40.77	354.32

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
REACH: PALUXY RIVER RS: 9378.96*

INPUT

Description:

Station	Elevation	Data	num=	46						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	733.42	177.61	734.79	240.57	723	330.79	709.54	360.86	710.75	

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481.14	692.8	661.57	644.97	828.84	619.25	1082.57	611.79	1443.43	602.81
1480.08	602.02	1563.71	602.28	1684	602.47	1774.21	601.9	1835.3	601.9
2368.13	610	2526	610	2796.64	610.95	3007.14	610.38	3247.72	610
3315.38	610	3433.78	601.9	3789	601.9	3848.5	579.57	4008	579.57
4184.25	601.9	4470.03	611.56	4551.68	620.11	4837.47	629.78	5327.38	632.46
5490.68	641.45	5817.29	651.34	6143.9	661.23	6307.2	665.36	6511.33	659.19
6592.98	659.64	6797.11	664.81	6878.76	665.25	7123.72	662.54	7287.02	651.29
7409.5	651.96	7450.33	661.9	7491.15	660.51	7776.94	662.07	8103.54	720.56
8348.5	721.9								
Manning's n values									
Sta	n Val	Sta	num=	3	Sta	n Val	Sta	n Val	
0	.15	3789	.15	4184.25	.15				
Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.									
	3789	4184.25		24.84	24.84	24.84	.1	.3	
CROSS SECTION OUTPUT Profile #Max WS									
E.G. Elev (ft)	760.61	Element	Left OB	Channel	Right OB				
Vel Head (ft)	0.01	wt. n-Val.	0.150	0.150	0.150				
W.S. Elev (ft)	760.60	Reach Len. (ft)	24.84	24.84	24.84				
Crit W.S. (ft)		Flow Area (sq ft)	510951.90	68919.05	444567.60				
E.G. Slope (ft/ft)	0.000014	Area (sq ft)	510951.90	68919.05	444567.60				
Q Total (cfs)	944034.60	Flow (cfs)	495846.30	79202.10	368986.30				
Top Width (ft)	8348.50	Top Width (ft)	3789.00	395.25	4164.25				
Vel Total (ft/s)	0.92	Avg. Vel. (ft/s)	0.97	1.15	0.83				
Max Chl Dpth (ft)	181.03	Hydr. Depth (ft)	134.85	174.37	106.76				
Conv. Total (cfs)	251670900.0	Conv. (cfs)	132188000.0	21114550.0	98368340.0				
Length wtd. (ft)	24.84	Wetted Per. (ft)	3828.40	400.71	4211.31				
Min Ch El (ft)	579.57	Shear (lb/sq ft)	0.12	0.15	0.09				
Alpha	1.03	Stream Power (lb/ft s)	0.11	0.17	0.08				
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	27882.04	7226.39	46075.69				
C & E Loss (ft)		Cum SA (acres)	228.40	40.55	351.96				

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 9354.12*

INPUT

Description:

Station Elevation Data									
Sta	Elev	Sta	num=	46	Sta	Elev	Sta	Elev	Sta
0	733.24	176.16	735.06	238.6	723.29	328.08	709.66	357.9	710.51
477.21	692.34	656.16	645.27	822.06	619.28	1073.71	611.81	1431.62	602.72
1467.97	601.91	1550.92	602.16	1670.22	602.34	1759.7	601.8	1820.28	601.8
2348.75	610	2505.33	610	2773.76	610.9	2982.54	610.36	3221.14	610
3288.25	610	3405.69	601.8	3758	601.8	3817	579.54	3976	579.54
4153.5	601.8	4442.66	611.48	4525.28	620.11	4814.44	629.79	5310.15	632.33
5475.38	641.38	5805.85	651.27	6136.32	661.16	6301.56	665.29	6508.1	658.97
6590.72	659.39	6797.26	664.55	6879.88	664.98	7127.74	662.15	7292.97	650.69
7416.9	651.33	7458.21	661.38	7499.51	659.95	7788.68	661.44	8119.15	720.53
8367	721.8								

Manning's n values									
Sta	n Val	Sta	num=	3	Sta	n Val	Sta	n Val	
0	.15	3758	.15	4153.5	.15				
Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.									
	3758	4153.5		24.84	24.84	24.84	.1	.3	

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.61	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.60	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	506890.30	68975.85	450662.00
E.G. Slope (ft/ft)	0.000014	Area (sq ft)	506890.30	68975.85	450662.00
Q Total (cfs)	944033.80	Flow (cfs)	491046.10	79135.70	373852.00
Top Width (ft)	8367.00	Top Width (ft)	3758.00	395.50	4213.50
Vel Total (ft/s)	0.92	Avg. Vel. (ft/s)	0.97	1.15	0.83
Max Chl Dpth (ft)	181.06	Hydr. Depth (ft)	134.88	174.40	106.96
Conv. Total (cfs)	252127800.0	Conv. (cfs)	131146100.0	21135160.0	99846520.0
Length wtd. (ft)	24.84	Wetted Per. (ft)	3797.59	400.95	4260.73

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Min Ch El (ft)	579.54	Shear (lb/sq ft)	0.12	0.15	0.09	
Alpha	1.03	Stream Power (lb/ft s)	0.11	0.17	0.08	
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	27591.83	7187.08	45820.44	
C & E Loss (ft)		Cum SA (acres)	226.25	40.32	349.57	

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 9329.28*

INPUT

Description:

Station	Elevation	Data	num=	46					
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	733.06	174.7	735.34	236.63	723.57	325.37	709.77	354.95	710.27
473.27	691.88	650.75	645.58	815.28	619.32	1064.86	611.83	1419.81	602.63
1455.86	601.8	1538.13	602.04	1656.44	602.21	1745.18	601.7	1805.27	601.7
2329.38	610	2484.67	610	2750.88	610.85	2957.94	610.34	3194.57	610
3261.13	610	3377.59	601.7	3727	601.7	3785.5	579.51	3944	579.51
4122.75	601.7	4415.29	611.4	4498.88	620.1	4791.42	629.8	5292.92	632.2
5460.08	641.3	5794.42	651.2	6128.75	661.1	6295.92	665.22	6504.88	658.75
6588.46	659.15	6797.42	664.3	6881	664.7	7131.75	661.75	7298.92	650.1
7424.29	650.7	7466.08	660.86	7507.88	659.4	7800.42	660.8	8134.75	720.5
8385.5	721.7								

Manning's n Values	num=	3
Sta n Val Sta n Val Sta n Val		
0 .15 3727 .15 4122.75 .15		

Bank Sta: Left Right	Lengths: Left Channel Right	Coeff Contr.	Expan.
3727 4122.75	24.84 24.84 24.84	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.61	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.60	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	502823.90	69032.73	456779.10
E.G. Slope (ft/ft)	0.000014	Area (sq ft)	502823.90	69032.73	456779.10
Q Total (cfs)	944033.10	Flow (cfs)	486242.10	79067.61	378723.40
Top width (ft)	8385.50	Top width (ft)	3727.00	395.75	4262.75
Vel Total (ft/s)	0.92	Avg. Vel. (ft/s)	0.97	1.15	0.83
Max Chl Dpth (ft)	181.09	Hydr. Depth (ft)	134.91	174.44	107.16
Conv. Total (cfs)	252591200.0	Conv. (cfs)	130101900.0	21155800.0	101333500.0
Length wtd. (ft)	24.84	Wetted Per. (ft)	3766.78	401.19	4310.14
Min Ch El (ft)	579.51	Shear (lb/sq ft)	0.12	0.15	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.11	0.17	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	27303.94	7147.73	45561.71
C & E Loss (ft)		Cum SA (acres)	224.12	40.10	347.16

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 9304.44*

INPUT

Description:

Station	Elevation	Data	num=	46					
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	732.88	173.25	735.61	234.67	723.85	322.67	709.89	352	710.04
469.33	691.42	645.33	645.89	808.5	619.36	1056	611.85	1408	602.55
1443.75	601.7	1525.33	601.92	1642.67	602.08	1730.67	601.6	1790.25	601.6
2310	610	2464	610	2728	610.8	2933.33	610.32	3168	610
3234	610	3349.5	601.6	3696	601.6	3754	579.48	3912	579.48
4092	601.6	4387.92	611.32	4472.47	620.09	4768.39	629.81	5275.69	632.07
5444.78	641.22	5782.98	651.13	6121.18	661.04	6290.27	665.15	6501.65	658.53
6586.2	658.91	6797.57	664.05	6882.12	664.42	7135.76	661.35	7304.86	649.51
7431.69	650.07	7473.96	660.34	7516.23	658.85	7812.16	660.16	8150.35	720.47
8404	721.6								

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Manning's n Values		num=	3		
Sta	n Val	Sta	n Val	Sta	n Val
0	.15	3696	.15	4092	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff	Contr.	Expan.
	3696	4092		24.84	24.84		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.61	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.60	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	498752.20	69089.62	462914.70
E.G. Slope (ft/ft)	0.000014	Area (sq ft)	498752.20	69089.62	462914.70
Q Total (cfs)	944032.30	Flow (cfs)	481437.40	78998.20	383596.70
Top width (ft)	8404.00	Top width (ft)	3696.00	396.00	4312.00
Vel Total (ft/s)	0.92	Avg. Vel. (ft/s)	0.97	1.14	0.83
Max Chl Dpth (ft)	181.12	Hydr. Depth (ft)	134.94	174.47	107.36
Conv. Total (cfs)	253059400.0	Conv. (cfs)	129055200.0	21176430.0	102827800.0

Length wtd. (ft)	24.84	Wetted Per. (ft)	3735.98	401.43	4359.56
Min Ch El (ft)	579.48	Shear (lb/sq ft)	0.12	0.15	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.11	0.17	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	27018.37	7108.34	45299.48
C & E Loss (ft)		Cum SA (acres)	222.00	39.87	344.71

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 9279.60*

INPUT

Description:

Station Elevation Data		num=	46		
Sta	Elev	Sta	Elev	Sta	Elev
0	732.7	171.8	735.88	232.7	724.14
465.4	690.96	639.92	646.2	801.72	619.4
1431.64	601.59	1512.54	601.8	1628.89	601.95
2290.63	610	2443.33	610	2705.12	610.75
3206.88	610	3321.41	601.5	3665	601.5
4061.25	601.5	4360.55	611.24	4446.07	620.09
5429.49	641.15	5771.54	651.06	6113.6	660.97
6583.93	658.66	6797.72	663.79	6883.24	664.15
7439.08	649.44	7481.84	659.82	7524.6	658.29
8422.5	721.5				

Manning's n Values		num=	3		
Sta	n Val	Sta	n Val	Sta	n Val
0	.15	3665	.15	4061.25	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff	Contr.	Expan.
	3665	4061.25		24.84	24.84		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.61	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.60	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	494678.30	69146.64	469068.30
E.G. Slope (ft/ft)	0.000014	Area (sq ft)	494678.30	69146.64	469068.30
Q Total (cfs)	944031.60	Flow (cfs)	476634.90	78927.41	388469.30
Top width (ft)	8422.50	Top width (ft)	3665.00	396.25	4361.25
Vel Total (ft/s)	0.91	Avg. Vel. (ft/s)	0.96	1.14	0.83
Max Chl Dpth (ft)	181.15	Hydr. Depth (ft)	134.97	174.50	107.55
Conv. Total (cfs)	253533500.0	Conv. (cfs)	128007300.0	21197110.0	104329100.0

Length wtd. (ft)	24.84	Wetted Per. (ft)	3705.19	401.67	4408.98
Min Ch El (ft)	579.45	Shear (lb/sq ft)	0.12	0.15	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.11	0.17	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	26735.12	7068.93	45033.75
C & E Loss (ft)		Cum SA (acres)	219.90	39.64	342.24

Warning: The cross-section end points had to be extended vertically for the computed water surface.

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CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 9254.76*

INPUT

Description:

Station	Elevation	Data	num=	46	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	732.52	170.34	736.16	230.73	724.42	317.25	710.13	346.1	709.56		
461.46	690.5	634.51	646.51	794.94	619.44	1038.29	611.9	1384.38	602.37		
1419.53	601.49	1499.75	601.68	1615.11	601.82	1701.64	601.4	1760.22	601.4		
2271.25	610	2422.67	610	2682.24	610.7	2884.13	610.28	3114.86	610		
3179.75	610	3293.31	601.4	3634	601.4	3691	579.42	3848	579.42		
4030.5	601.4	4333.18	611.15	4419.66	620.08	4722.34	629.84	5241.23	631.81		
5414.19	641.07	5760.11	650.99	6106.03	660.91	6278.99	665	6495.19	658.09		
6581.67	658.42	6797.87	663.54	6884.35	663.87	7143.79	660.56	7316.75	648.32		
7446.48	648.81	7489.72	659.3	7532.96	657.74	7835.64	658.89	8181.56	720.41		
8441	721.4										

Manning's n values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	3634	.15	4030.5	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff	Contr.	Expan.
	3634	4030.5		24.84	24.84	.1	.3	

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.61	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.59	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	490604.70	69203.70	475243.50
E.G. Slope (ft/ft)	0.000014	Area (sq ft)	490604.70	69203.70	475243.50
Q Total (cfs)	944030.80	Flow (cfs)	471834.40	78854.33	393342.10
Top width (ft)	8441.00	Top width (ft)	3634.00	396.50	4410.50
Vel Total (ft/s)	0.91	Avg. Vel. (ft/s)	0.96	1.14	0.83
Max Chl Dpth (ft)	181.17	Hydr. Depth (ft)	135.00	174.54	107.75
Conv. Total (cfs)	254015900.0	Conv. (cfs)	126959300.0	21217800.0	105838900.0
Length Wtd. (ft)	24.84	Wetted Per. (ft)	3674.42	401.91	4458.39
Min Ch El (ft)	579.42	Shear (lb/sq ft)	0.12	0.15	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.11	0.17	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	26454.19	7029.48	44764.50
C & E Loss (ft)		Cum SA (acres)	217.82	39.42	339.74

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 9229.92*

INPUT

Description:

Station	Elevation	Data	num=	46	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	732.34	168.89	736.43	228.76	724.71	314.55	710.24	343.14	709.32		
457.52	690.04	629.1	646.82	788.16	619.48	1029.43	611.92	1372.57	602.28		
1407.42	601.38	1486.95	601.56	1601.33	601.69	1687.12	601.3	1745.2	601.3		
2251.88	610	2402	610	2659.36	610.65	2859.52	610.26	3088.29	610		
3152.63	610	3265.22	601.3	3603	601.3	3659.5	579.39	3816	579.39		
3999.75	601.3	4305.81	611.07	4393.26	620.08	4699.32	629.85	5224	631.68		
5398.89	640.99	5748.67	650.92	6098.46	660.84	6273.35	664.93	6491.96	657.87		
6579.41	658.17	6798.02	663.29	6885.47	663.59	7147.81	660.16	7322.7	647.72		
7453.87	648.18	7497.59	658.78	7541.32	657.19	7847.38	658.26	8197.16	720.38		
8459.5	721.3										

Manning's n values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	3603	.15	3999.75	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff	Contr.	Expan.
	3603	3999.75		24.84	24.84	.1	.3	

CROSS SECTION OUTPUT Profile #Max WS

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E.G. Elev (ft)	760.61	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.59	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	486531.00	69260.86	481439.20
E.G. Slope (ft/ft)	0.000014	Area (sq ft)	486531.00	69260.86	481439.20
Q Total (cfs)	944030.00	Flow (cfs)	467036.70	78779.21	398214.10
Top width (ft)	8459.50	Top width (ft)	3603.00	396.75	4459.75
Vel Total (ft/s)	0.91	Avg. Vel. (ft/s)	0.96	1.14	0.83
Max Chl Dpth (ft)	181.20	Hydr. Depth (ft)	135.04	174.57	107.95
Conv. Total (cfs)	254506200.0	Conv. (cfs)	125911000.0	21238520.0	107356700.0
Length wtd. (ft)	24.84	Wetted Per. (ft)	3643.65	402.15	4507.81
Min Ch El (ft)	579.39	Shear (lb/sq ft)	0.11	0.15	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.11	0.17	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	26175.58	6990.00	44491.73
C & E Loss (ft)		Cum SA (acres)	215.76	39.19	337.21

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
REACH: PALUXY RIVER RS: 9205.08*

INPUT

Description:

Station	Elevation	Data	num= 46							
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	732.16	167.44	736.71	226.79	724.99	311.84	710.36	340.19	709.09	
453.59	689.58	623.68	647.12	781.38	619.52	1020.57	611.94	1360.76	602.19	
1395.31	601.27	1474.16	601.44	1587.56	601.56	1672.6	601.2	1730.19	601.2	
2232.5	610	2381.33	610	2636.48	610.6	2834.92	610.24	3061.71	610	
3125.5	610	3237.13	601.2	3572	601.2	3628	579.36	3784	579.36	
3969	601.2	4278.44	610.99	4366.85	620.07	4676.29	629.86	5206.77	631.55	
5383.59	640.92	5737.24	650.85	6090.88	660.78	6267.71	664.86	6488.74	657.65	
6577.15	657.93	6798.18	663.04	6886.59	663.32	7151.82	659.76	7328.65	647.13	
7461.26	647.55	7505.47	658.25	7549.68	656.64	7859.12	657.62	8212.76	720.35	
8478	721.2									

Manning's	n	Values	num=	3	
Sta	n	val	Sta	n	val
0	.15	3572	.15	3969	.15

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	3572	3969		24.84	24.84	24.84		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.61	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.59	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	482455.10	69318.05	487649.70
E.G. Slope (ft/ft)	0.000014	Area (sq ft)	482455.10	69318.05	487649.70
Q Total (cfs)	944029.30	Flow (cfs)	462244.30	78702.98	403082.00
Top width (ft)	8478.00	Top width (ft)	3572.00	397.00	4509.00
Vel Total (ft/s)	0.91	Avg. Vel. (ft/s)	0.96	1.14	0.83
Max Chl Dpth (ft)	181.23	Hydr. Depth (ft)	135.07	174.60	108.15
Conv. Total (cfs)	255001100.0	conv. (cfs)	124861400.0	21259240.0	108880500.0
Length wtd. (ft)	24.84	wetted Per. (ft)	3612.90	402.39	4557.23
Min Ch El (ft)	579.36	Shear (lb/sq ft)	0.11	0.15	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.11	0.17	0.08
Frctn Loss (ft)	0.00	Cum volume (acre-ft)	25899.30	6950.49	44215.42
C & E Loss (ft)		Cum SA (acres)	213.71	38.97	334.65

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
REACH: PALUXY RIVER RS: 9180.24*

INPUT

INFO1
Description:

Rev3.rep

Station Elevation Data				num= 46							
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	731.98	165.98	736.98	224.83	725.27	309.13	710.48	337.24	708.85		
449.65	689.12	618.27	647.43	774.59	619.56	1011.71	611.96	1348.95	602.1		
1383.2	601.17	1461.37	601.32	1573.78	601.43	1658.09	601.1	1715.17	601.1		
2213.13	610	2360.67	610	2613.6	610.55	2810.32	610.22	3035.14	610		
3098.38	610	3209.03	601.1	3541	601.1	3596.5	579.33	3752	579.33		
3938.25	601.1	4251.07	610.91	4340.45	620.06	4653.27	629.87	5189.53	631.42		
5368.29	640.84	5725.8	650.78	6083.31	660.71	6262.06	664.79	6485.51	657.43		
6574.88	657.69	6798.33	662.78	6887.71	663.04	7155.84	659.37	7334.59	646.54		
7468.66	646.92	7513.35	657.73	7558.04	656.08	7870.86	656.99	8228.37	720.32		
8496.5	721.1										

Manning's n values				num= 3			
Sta	n Val	Sta	n Val	Sta	n Val	Sta	n Val
0	.15	3541	.15	3938.25	.15		

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	3541	3938.25		24.84	24.84	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

			Left OB	Channel	Right OB
E.G. Elev (ft)	760.61	Element	0.150	0.150	0.150
Vel Head (ft)	0.01	Wt. n-Val.	24.84	24.84	24.84
W.S. Elev (ft)	760.59	Reach Len. (ft)	478376.80	69375.30	493884.50
Crit W.S. (ft)		Flow Area (sq ft)	478376.80	69375.30	493884.50
E.G. Slope (ft/ft)	0.000014	Area (sq ft)	457451.10	78624.49	407952.80
Q Total (cfs)	944028.40	Flow (cfs)	3541.00	397.25	4558.25
Top width (ft)	8496.50	Top width (ft)	0.96	1.13	0.83
Vel Total (ft/s)	0.91	Avg. Vel. (ft/s)	135.10	174.64	108.35
Max chl Dpth (ft)	181.26	Hydr. Depth (ft)	123810600.0	21279970.0	110413800.0
Conv. Total (cfs)	255504400.0	Conv. (cfs)			
Length wtd. (ft)	24.84	Wetted Per. (ft)	3582.16	402.63	4606.64
Min Ch El (ft)	579.33	Shear (lb/sq ft)	0.11	0.15	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.11	0.17	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	25625.34	6910.95	43935.56
C & E Loss (ft)		Cum SA (acres)	211.68	38.74	332.07

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 9155.4*

INPUT

Description:

Station Elevation Data				num= 46							
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	731.8	164.53	737.26	222.86	725.56	306.43	710.6	334.29	708.61		
445.71	688.66	612.86	647.74	767.81	619.6	1002.86	611.99	1337.14	602.01		
1371.09	601.06	1448.57	601.2	1560	601.3	1643.57	601	1700.16	601		
2193.75	610	2340	610	2590.71	610.5	2785.71	610.2	3008.57	610		
3071.25	610	3180.94	601	3510	601	3565	579.3	3720	579.3		
3907.5	601	4223.7	610.82	4314.04	620.06	4630.25	629.88	5172.3	631.29		
5352.99	640.76	5714.36	650.71	6075.74	660.65	6256.42	664.72	6482.28	657.21		
6572.62	657.44	6798.48	662.53	6888.82	662.76	7159.85	658.97	7340.54	645.94		
7476.05	646.29	7521.23	657.21	7566.4	655.53	7882.6	656.35	8243.97	720.29		
8515	721										

Manning's n values				num= 3			
Sta	n Val	Sta	n Val	Sta	n Val	Sta	n Val
0	.15	3510	.15	3907.5	.15		

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	3510	3907.5		24.84	24.84	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

			Left OB	Channel	Right OB
E.G. Elev (ft)	760.61	Element	0.150	0.150	0.150
Vel Head (ft)	0.01	Wt. n-Val.	24.84	24.84	24.84
W.S. Elev (ft)	760.59	Reach Len. (ft)	474292.80	69432.68	500141.80
Crit W.S. (ft)		Flow Area (sq ft)	474292.80	69432.68	500141.80
E.G. Slope (ft/ft)	0.000014	Area (sq ft)	452655.90	78544.68	412827.10
Q Total (cfs)	944027.70	Flow (cfs)	3510.00	397.50	4607.50
Top width (ft)	8515.00	Top width (ft)			

			Rev3.rep			
Vel Total (ft/s)	0.90	Avg. Vel. (ft/s)	0.95	1.13	0.83	
Max Chl Dpth (ft)	181.29	Hydr. Depth (ft)	135.13	174.67	108.55	
Conv. Total (cfs)	256013600.0	Conv. (cfs)	122757100.0	21300760.0	111955800.0	
Length Wtd. (ft)	24.84	Wetted Per. (ft)	3551.42	402.88	4656.07	
Min Ch El (ft)	579.30	Shear (lb/sq ft)	0.11	0.15	0.09	
Alpha	1.03	Stream Power (lb/ft s)	0.11	0.17	0.08	
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	25353.71	6871.37	43652.14	
C & E Loss (ft)		Cum SA (acres)	209.67	38.51	329.45	

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
REACH: PALUXY RIVER RS: 9130.56*

INPUT

Description:

Station	Elevation	Data	num=	46						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta
0	731.62	163.08	737.53	220.89	725.84	303.72	710.72	331.33	708.37	
441.78	688.2	607.44	648.05	761.03	619.64	994	612.01	1325.33	601.92	
1358.98	600.95	1435.78	601.08	1546.22	601.17	1629.06	600.9	1685.14	600.9	
2174.38	610	2319.33	610	2567.83	610.45	2761.11	610.18	2982	610	
3044.12	610	3152.84	600.9	3479	600.9	3533.5	579.27	3688	579.27	
3876.75	600.9	4196.33	610.74	4287.64	620.05	4607.22	629.89	5155.07	631.16	
5337.69	640.69	5702.93	650.64	6068.16	660.58	6250.78	664.65	6479.05	656.99	
6570.36	657.2	6798.63	662.28	6889.94	662.49	7163.87	658.57	7346.49	645.35	
7483.45	645.66	7529.1	656.69	7574.76	654.98	7894.34	655.72	8259.57	720.26	
8533.5	720.9									

Manning's n values	num=	3
Sta n val Sta n val	Sta n val	Sta n val
0 .15 3479	.15 3876.75	.15

Bank Sta: Left Right	Lengths: Left Channel Right	Coeff Contr.	Expan.
3479 3876.75	24.84 24.84 24.84	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.61	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.59	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	470211.50	69490.06	506409.90
E.G. Slope (ft/ft)	0.000014	Area (sq ft)	470211.50	69490.06	506409.90
Q Total (cfs)	944026.90	Flow (cfs)	447873.60	78463.46	417689.80
Top width (ft)	8533.50	Top width (ft)	3479.00	397.75	4656.75
Vel Total (ft/s)	0.90	Avg. Vel. (ft/s)	0.95	1.13	0.82
Max Chl Dpth (ft)	181.32	Hydr. Depth (ft)	135.16	174.71	108.75
Conv. Total (cfs)	256528300.0	Conv. (cfs)	121704400.0	21321530.0	113502300.0
Length Wtd. (ft)	24.84	Wetted Per. (ft)	3520.70	403.12	4705.48
Min Ch El (ft)	579.27	Shear (lb/sq ft)	0.11	0.15	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.11	0.16	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	25084.41	6831.76	43365.15
C & E Loss (ft)		Cum SA (acres)	207.68	38.29	326.81

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
REACH: PALUXY RIVER RS: 9105.72*

INPUT

Description:

Station	Elevation	Data	num=	46						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta
0	731.44	161.62	737.8	218.92	726.13	301.02	710.83	328.38	708.14	
437.84	687.74	602.03	648.36	754.25	619.68	985.14	612.03	1313.52	601.84	
1346.88	600.85	1422.98	600.96	1532.44	601.04	1614.54	600.8	1670.12	600.8	
2155	610	2298.67	610	2544.95	610.4	2736.51	610.16	2955.43	610	
3017	610	3124.75	600.8	3448	600.8	3502	579.24	3656	579.24	
3846	600.8	4168.96	610.66	4261.24	620.05	4584.2	629.91	5137.84	631.04	

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5322.39	640.61	5691.49	650.56	6060.59	660.52	6245.14	664.57	6475.82	656.76
6568.1	656.95	6798.78	662.02	6891.06	662.21	7167.88	658.18	7352.43	644.75
7490.84	645.04	7536.98	656.17	7583.12	654.42	7906.08	655.08	8275.18	720.24
8552	720.8								

Manning's n Values		num= 3	
Sta	n Val	Sta	n Val
0	.15	3448	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	3448	3846		24.84	24.84	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.60	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.59	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	466125.20	69547.58	512701.20
E.G. Slope (ft/ft)	0.000013	Area (sq ft)	466125.20	69547.58	512701.20
Q Total (cfs)	944026.10	Flow (cfs)	443089.80	78380.73	422555.60
Top width (ft)	8552.00	Top width (ft)	3448.00	398.00	4706.00
Vel Total (ft/s)	0.90	Avg. Vel. (ft/s)	0.95	1.13	0.82
Max Chl Dpth (ft)	181.35	Hydr. Depth (ft)	135.19	174.74	108.95
Conv. Total (cfs)	257049600.0	Conv. (cfs)	120649300.0	21342350.0	115058000.0
Length Wtd. (ft)	24.84	Wetted Per. (ft)	3490.00	403.36	4754.90
Min Ch El (ft)	579.24	Shear (lb/sq ft)	0.11	0.15	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.11	0.16	0.07
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	24817.44	6792.12	43074.57
C & E Loss (ft)		Cum SA (acres)	205.70	38.06	324.14

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 9080.88*

INPUT

Description:

Station Elevation Data		num= 46	
Sta	Elev	Sta	Elev
0	731.26	160.17	738.08
433.9	687.28	596.62	648.66
1334.77	600.74	1410.19	600.84
2135.62	610	2278	610
2989.87	610	3096.66	600.7
3815.25	600.7	4141.59	610.58
5307.09	640.54	5680.05	650.49
6565.84	656.71	6798.94	661.77
7498.24	644.41	7544.86	655.65
8570.5	720.7		

Manning's n Values		num= 3	
Sta	n Val	Sta	n Val
0	.15	3417	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	3417	3815.25		24.84	24.84	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.60	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.59	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	462040.40	69605.09	519008.10
E.G. Slope (ft/ft)	0.000013	Area (sq ft)	462040.40	69605.09	519008.10
Q Total (cfs)	944025.30	Flow (cfs)	438315.40	78296.26	427413.60
Top width (ft)	8570.50	Top width (ft)	3417.00	398.25	4755.25
Vel Total (ft/s)	0.90	Avg. Vel. (ft/s)	0.95	1.12	0.82
Max Chl Dpth (ft)	181.38	Hydr. Depth (ft)	135.22	174.78	109.14
Conv. Total (cfs)	257577600.0	Conv. (cfs)	119594500.0	21363160.0	116619900.0
Length Wtd. (ft)	24.84	Wetted Per. (ft)	3459.31	403.61	4804.32
Min Ch El (ft)	579.21	Shear (lb/sq ft)	0.11	0.14	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.11	0.16	0.07
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	24552.80	6752.44	42780.41

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C & E Loss (ft)	Cum SA (acres)	203.75	37.83	321.44
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Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 9056.04*

INPUT

Description:

Station	Elevation	Data	num=	46
Sta	Elev	Sta	Elev	Sta
0	731.08	158.72	738.35	214.98
429.97	686.83	591.21	648.97	740.69
1322.66	600.64	1397.4	600.72	1504.89
2116.25	610	2257.33	610	2499.19
2962.75	610	3068.56	600.6	3386
3784.5	600.6	4114.22	610.49	4208.43
5291.79	640.46	5668.62	650.42	6045.44
6563.57	656.46	6799.09	661.52	6893.29
7505.63	643.78	7552.74	655.13	7599.84
8589	720.6		653.32	7929.56

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	3386	.15	3784.5	.15

Bank Sta: Left	Right	Lengths: Left	Channel	Right	Coeff Contr.	Expan.
3386	3784.5	24.84	24.84	24.84	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.60	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.59	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	457948.60	69662.74	525344.30
E.G. Slope (ft/ft)	0.000013	Area (sq ft)	457948.60	69662.74	525344.30
Q Total (cfs)	944024.40	Flow (cfs)	433534.80	78209.84	432279.70
Top Width (ft)	8589.00	Top Width (ft)	3386.00	398.50	4804.50
Vel Total (ft/s)	0.90	Avg. Vel. (ft/s)	0.95	1.12	0.82
Max Chl Dpth (ft)	181.41	Hydr. Depth (ft)	135.25	174.81	109.34
Conv. Total (cfs)	258113800.0	Conv. (cfs)	118536500.0	21384020.0	118193300.0
Length Wtd. (ft)	24.84	Wetted Per. (ft)	3428.62	403.85	4853.74
Min Ch El (ft)	579.18	Shear (lb/sq ft)	0.11	0.14	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.11	0.16	0.07
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	24290.49	6712.73	42482.64
C & E Loss (ft)		Cum SA (acres)	201.81	37.61	318.72

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 9031.2*

INPUT

Description:

Station	Elevation	Data	num=	46
Sta	Elev	Sta	Elev	Sta
0	730.9	157.27	738.63	213.02
426.03	686.37	585.79	649.28	733.91
1310.55	600.53	1384.6	600.6	1491.11
2096.87	610	2236.67	610	2476.31
2935.62	610	3040.47	600.5	3355
3753.75	600.5	4086.85	610.41	4182.02
5276.5	640.38	5657.18	650.35	6037.87
6561.31	656.22	6799.24	661.26	6894.41
7513.03	643.15	7560.61	654.61	7608.2
8607.5	720.5		652.76	7941.3

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	3355	.15	3753.75	.15

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Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff	Contr.	Expan.
	3355	3753.75		24.84	24.84		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.60	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.59	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	453857.90	69720.39	531696.70
E.G. Slope (ft/ft)	0.000013	Area (sq ft)	453857.90	69720.39	531696.70
Q Total (cfs)	944023.70	Flow (cfs)	428763.50	78121.72	437138.40
Top Width (ft)	8607.50	Top Width (ft)	3355.00	398.75	4853.75
Vel Total (ft/s)	0.89	Avg. Vel. (ft/s)	0.94	1.12	0.82
Max Chl Dpth (ft)	181.44	Hydr. Depth (ft)	135.28	174.85	109.54
Conv. Total (cfs)	258656600.0	Conv. (cfs)	117478500.0	21404870.0	119773200.0
Length Wtd. (ft)	24.84	Wetted Per. (ft)	3397.96	404.10	4903.16
Min Ch El (ft)	579.15	Shear (lb/sq ft)	0.11	0.14	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.10	0.16	0.07
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	24030.51	6672.99	42181.25
C & E Loss (ft)		Cum SA (acres)	199.89	37.38	315.96

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 9006.35*

INPUT

Description:

Station	Elevation	Data	num=	46
Sta	Elev	Sta	Elev	Sta
0	730.72	155.81	738.9	211.05
422.1	685.91	580.38	649.59	727.12
1298.44	600.42	1371.81	600.48	1477.33
2077.5	610	2216	610	2453.43
2908.5	610	3012.37	600.4	3324
3723	600.4	4059.48	610.33	4155.62
5261.2	640.31	5645.75	650.28	6030.29
6559.05	655.98	6799.39	661.01	6895.53
7520.42	642.52	7568.49	654.08	7616.56
8626	720.4		652.21	7953.04

Manning's n	Values	num=	3
Sta	n Val	Sta	n Val
0	.15	3324	.15
		3723	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff	Contr.	Expan.
	3324	3723		24.84	24.84		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.60	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.59	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	449767.40	69778.12	538063.70
E.G. Slope (ft/ft)	0.000013	Area (sq ft)	449767.40	69778.12	538063.70
Q Total (cfs)	944022.90	Flow (cfs)	424001.90	78032.30	441988.70
Top Width (ft)	8626.00	Top Width (ft)	3324.00	399.00	4903.00
Vel Total (ft/s)	0.89	Avg. Vel. (ft/s)	0.94	1.12	0.82
Max Chl Dpth (ft)	181.47	Hydr. Depth (ft)	135.31	174.88	109.74
Conv. Total (cfs)	259205300.0	Conv. (cfs)	116420400.0	21425730.0	121359100.0
Length Wtd. (ft)	24.84	Wetted Per. (ft)	3367.30	404.34	4952.58
Min Ch El (ft)	579.12	Shear (lb/sq ft)	0.11	0.14	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.10	0.16	0.07
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	23772.87	6633.21	41876.24
C & E Loss (ft)		Cum SA (acres)	197.98	37.15	313.18

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

Rev3.rep

RIVER: PALUXY
REACH: PALUXY RIVER

RS: 8981.52*

INPUT

Description:

Station Elevation Data			num= 46			Elev Sta			Elev Sta			Elev Sta			Elev Sta		
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	
0	730.54	154.36	739.18	209.08	727.55	287.48	711.42	313.62	706.95								
418.16	685.45	574.97	649.9	720.34	619.88	940.86	612.14	1254.48	601.39								
1286.33	600.32	1359.02	600.36	1463.56	600.39	1541.96	600.3	1595.05	600.3								
2058.12	610	2195.33	610	2430.55	610.15	2613.49	610.06	2822.57	610								
2881.37	610	2984.28	600.3	3293	600.3	3344.5	579.09	3496	579.09								
3692.25	600.3	4032.11	610.25	4129.21	620.02	4469.07	629.96	5051.69	630.39								
5245.9	640.23	5634.31	650.21	6022.72	660.19	6216.93	664.22	6459.68	655.66								
6556.79	655.73	6799.54	660.76	6896.65	660.83	7187.96	656.19	7382.16	641.78								
7527.82	641.89	7576.37	653.56	7624.92	651.66	7964.78	651.91	8353.19	720.09								
8644.5	720.3																

Manning's n Values			num= 3		
Sta	n Val	Sta	n Val	Sta	n Val
0	.15	3293	.15	3692.25	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	3293	3692.25		24.84	24.84	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)		760.60	Element	Left OB	Channel	Right OB
Vel Head (ft)		0.01	wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)		760.59	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)			Flow Area (sq ft)	445671.90	69835.95	544455.70
E.G. Slope (ft/ft)		0.000013	Area (sq ft)	445671.90	69835.95	544455.70
Q Total (cfs)		944022.10	Flow (cfs)	419239.40	77941.20	446841.50
Top Width (ft)		8644.50	Top Width (ft)	3293.00	399.25	4952.25
Vel Total (ft/s)		0.89	Avg. Vel. (ft/s)	0.94	1.12	0.82
Max Chl Dpth (ft)		181.50	Hydr. Depth (ft)	135.34	174.92	109.94
Conv. Total (cfs)		259761300.0	Conv. (cfs)	115359800.0	21446640.0	122954900.0
Length Wtd. (ft)		24.84	Wetted Per. (ft)	3336.66	404.59	5002.00
Min Ch El (ft)		579.09	Shear (lb/sq ft)	0.11	0.14	0.09
Alpha		1.03	Stream Power (lb/ft s)	0.10	0.16	0.07
Frctn Loss (ft)		0.00	Cum Volume (acre-ft)	23517.55	6593.41	41567.59
C & E Loss (ft)			Cum SA (acres)	196.09	36.92	310.37

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
REACH: PALUXY RIVER

RS: 8956.68*

INPUT

Description:

Station Elevation Data			num= 46			Elev Sta			Elev Sta			Elev Sta			Elev Sta		
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	
0	730.36	152.91	739.45	207.11	727.83	284.78	711.54	310.67	706.71								
414.22	684.99	569.56	650.21	713.56	619.92	932	612.16	1242.67	601.3								
1274.22	600.21	1346.22	600.24	1449.78	600.26	1527.44	600.2	1580.03	600.2								
2038.75	610	2174.67	610	2407.67	610.1	2588.89	610.04	2796	610								
2854.25	610	2956.19	600.2	3262	600.2	3313	579.06	3464	579.06								
3661.5	600.2	4004.74	610.16	4102.81	620.01	4446.05	629.98	5034.46	630.26								
5230.6	640.15	5622.87	650.14	6015.15	660.13	6211.28	664.14	6456.46	655.44								
6554.52	655.49	6799.7	660.51	6897.76	660.55	7191.97	655.79	7388.11	641.19								
7535.21	641.26	7584.25	653.04	7633.28	651.11	7976.52	651.27	8368.79	720.06								
8663	720.2																

Manning's n Values			num= 3		
Sta	n Val	Sta	n Val	Sta	n Val
0	.15	3262	.15	3661.5	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	3262	3661.5		24.84	24.84	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)		760.60	Element	Left OB	Channel	Right OB
Vel Head (ft)		0.01	wt. n-val.	0.150	0.150	0.150

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			Rev3.rep		
W.S. Elev (ft)	760.59	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	441577.40	69893.87	550866.60
E.G. Slope (ft/ft)	0.000013	Area (sq ft)	441577.40	69893.87	550866.60
Q Total (cfs)	944021.30	Flow (cfs)	414485.50	77848.26	451687.60
Top Width (ft)	8663.00	Top Width (ft)	3262.00	399.50	5001.50
Vel Total (ft/s)	0.89	Avg. Vel. (ft/s)	0.94	1.11	0.82
Max Chl Dpth (ft)	181.53	Hydr. Depth (ft)	135.37	174.95	110.14
Conv. Total (cfs)	260325000.0	Conv. (cfs)	114299300.0	21467570.0	124558200.0
Length Wtd. (ft)	24.84	Wetted Per. (ft)	3306.04	404.84	5051.42
Min Ch El (ft)	579.06	Shear (lb/sq ft)	0.11	0.14	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.10	0.16	0.07
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	23264.58	6553.57	41255.29
C & E Loss (ft)		Cum SA (acres)	194.23	36.69	307.53

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
REACH: PALUXY RIVER RS: 8931.84*

INPUT

Description:

Station Elevation Data			num= 46								
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	730.18	151.45	739.73	205.14	728.11	282.07	711.66	307.71	706.47		
410.29	684.53	564.14	650.51	706.78	619.96	923.14	612.19	1230.86	601.21		
1262.11	600.11	1333.43	600.12	1436	600.13	1512.93	600.1	1565.02	600.1		
2019.37	610	2154	610	2384.79	610.05	2564.29	610.02	2769.43	610		
2827.12	610	2928.09	600.1	3231	600.1	3281.5	579.03	3432	579.03		
3630.75	600.1	3977.37	610.08	4076.4	620.01	4423.02	629.99	5017.23	630.13		
5215.3	640.08	5611.44	650.07	6007.57	660.06	6205.64	664.07	6453.23	655.22		
6552.26	655.24	6799.85	660.25	6898.88	660.28	7195.99	655.4	7394.05	640.59		
7542.61	640.63	7592.12	652.52	7641.64	650.55	7988.26	650.64	8384.4	720.03		
8681.5	720.1										

Manning's n values			num=	3			
Sta	n Val	Sta	n Val	Sta	n Val	Sta	n Val
0	.15	3231	.15	3630.75	.15		

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	3231	3630.75		24.84	24.84	24.84		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.60	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.59	Reach Len. (ft)	24.84	24.84	24.84
Crit W.S. (ft)		Flow Area (sq ft)	437478.30	69951.80	557293.80
E.G. Slope (ft/ft)	0.000013	Area (sq ft)	437478.30	69951.80	557293.80
Q Total (cfs)	944020.40	Flow (cfs)	409736.80	77754.41	456529.20
Top Width (ft)	8681.50	Top width (ft)	3231.00	399.75	5050.75
Vel Total (ft/s)	0.89	Avg. Vel. (ft/s)	0.94	1.11	0.82
Max Chl Dpth (ft)	181.56	Hydr. Depth (ft)	135.40	174.99	110.34
Conv. Total (cfs)	260893000.0	Conv. (cfs)	113236400.0	21488500.0	126168100.0
Length Wtd. (ft)	24.84	Wetted Per. (ft)	3275.43	405.08	5100.84
Min Ch El (ft)	579.03	Shear (lb/sq ft)	0.11	0.14	0.09
Alpha	1.03	Stream Power (lb/ft s)	0.10	0.16	0.07
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	23013.94	6513.69	40939.32
C & E Loss (ft)		Cum SA (acres)	192.37	36.47	304.67

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
REACH: PALUXY RIVER RS: 8907

INPUT

Description:

Description:											
Station Elevation Data				num=	32						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	730	150	740	700	620	1250	600	1550	600		

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2000	610	2800	610	2900	600	3200	600	3250	579
3400	579	3600	600	3950	610	4050	620	4400	630
5000	630	5200	640	5600	650	6000	660	6200	664
6450	655	6550	655	6800	660	6900	660	7200	655
7400	640	7550	640	7600	652	7650	650	8000	650
8400	720	8700	720						
Manning's n values									
Sta	n Val	Sta	num=	3	Sta	n Val			
0	.15	3200	n Val	.15	3600	.15			
Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	3200	3600		45.86	45.86	45.86	.1	.3	
CROSS SECTION OUTPUT Profile #Max WS									
E.G. Elev (ft)	760.60	Element	Left OB	Channel	Right OB				
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150				
W.S. Elev (ft)	760.59	Reach Len. (ft)	45.86	45.86	45.86				
Crit W.S. (ft)		Flow Area (sq ft)	433378.70	70009.84	563744.10				
E.G. Slope (ft/ft)	0.000013	Area (sq ft)	433378.70	70009.84	563744.10				
Q Total (cfs)	944019.60	Flow (cfs)	404993.40	77658.52	461367.70				
Top width (ft)	8700.00	Top width (ft)	3200.00	400.00	5100.00				
Vel Total (ft/s)	0.88	Avg. Vel. (ft/s)	0.93	1.11	0.82				
Max Chl Dpth (ft)	181.59	Hydr. Depth (ft)	135.43	175.02	110.54				
Conv. Total (cfs)	261469700.0	conv. (cfs)	112173000.0	21509460.0	127787300.0				
Length wtd. (ft)	45.86	wetted Per. (ft)	3244.83	405.33	5150.27				
Min Ch El (ft)	579.00	Shear (lb/sq ft)	0.11	0.14	0.09				
Alpha	1.03	Stream Power (lb/ft s)	0.10	0.16	0.07				
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	22765.63	6473.79	40619.68				
C & E Loss (ft)		Cum SA (acres)	190.54	36.24	301.77				

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 8861.14*

INPUT

Description:

Station Elevation Data									
Sta	Elev	Sta	num=	60	Sta	Elev	Sta	Elev	Sta
0	729.05	147.54	738.45	599.55	642.61	1524.49	626.3	688.54	623.33
749.43	621.19	1229.54	601.67	1274.04	601.43	1524.63	601.11	1723.7	605.14
1967.26	610.07	2098.41	609.9	2248.3	609.52	2548.07	609.52	2697.96	609.05
2754.17	609.05	2772.9	607.23	2847.85	600.45	2852.53	600	3147.62	600
3200	578.81	3350	578.81	3545.24	600	3895.56	609.52	3995.66	619.05
4183.33	624.15	4345.98	628.66	4946.55	628.98	5066.85	634.77	5146.73	638.68
5508.61	647.8	5547.11	648.74	5852.2	656.16	5947.48	658.31	6147.67	661.87
6195.79	660.16	6293.96	656.8	6397.9	653.37	6441.21	653.43	6497.99	653.4
6637.55	655.99	6748.23	658.1	6833.88	658.1	6848.32	658.14	6981.14	656.47
7148.6	653.81	7226.56	648.25	7348.79	639.79	7498.93	640.12	7548.97	651.66
7599.02	649.86	7619.23	649.9	7717.4	649.9	7766.48	649.57	7864.65	649.57
7949.35	650.1	8349.72	719.28	8404.58	719.62	8650	719.62	8650	719.71

Manning's n values									
Sta	n Val	Sta	num=	3	Sta	n Val			
0	.15	3147.62	n Val	.15	3545.24	.15			
Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	3147.62	3545.24		45.86	45.86	45.86	.1	.3	

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.60	Element	Left OB	Channel	Right OB				
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150				
W.S. Elev (ft)	760.59	Reach Len. (ft)	45.86	45.86	45.86				
Crit W.S. (ft)		Flow Area (sq ft)	424213.30	69654.15	569435.90				
E.G. Slope (ft/ft)	0.000013	Area (sq ft)	424213.30	69654.15	569435.90				
Q Total (cfs)	944018.10	Flow (cfs)	396233.60	77538.91	470245.70				
Top width (ft)	8650.00	Top width (ft)	3147.62	397.62	5104.76				
Vel Total (ft/s)	0.89	Avg. Vel. (ft/s)	0.93	1.11	0.83				
Max Chl Dpth (ft)	181.78	Hydr. Depth (ft)	134.77	175.18	111.55				
Conv. Total (cfs)	260706400.0	conv. (cfs)	109426500.0	21413670.0	129866200.0				

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Length Wtd. (ft)	45.86	wetted Per. (ft)	3192.51	402.89	5154.94
Min Ch El (ft)	578.81	Shear (lb/sq ft)	0.11	0.14	0.09
Alpha	1.02	Stream Power (lb/ft s)	0.10	0.16	0.07
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	22314.20	6400.27	40023.18
C & E Loss (ft)		Cum SA (acres)	187.20	35.82	296.40

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 8815.28*

INPUT

Description:

Station Elevation Data			num= 60								
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	728.1	145.09	736.91	589.57	645.48	663.27	629.49	677.08	626.67		
736.96	624.63	1209.08	603.34	1252.83	602.86	1499.26	602.22	1695.01	605.78		
1934.52	610.14	2063.49	609.81	2210.88	609.05	2505.67	609.05	2653.06	608.1		
2708.33	608.1	2726.76	606.37	2800.45	600.43	2805.06	600	3095.24	600		
3150	578.62	3300	578.62	3490.48	600	3841.13	609.05	3941.32	618.1		
4129.17	622.94	4291.97	627.32	4893.09	627.97	5013.51	633.53	5093.46	637.37		
5455.68	646.56	5494.21	647.47	5799.59	654.7	5894.96	656.62	6095.33	659.74		
6143.5	658.05	6241.76	654.86	6345.8	651.75	6389.15	651.86	6445.98	651.8		
6585.67	654.19	6696.45	656.19	6782.19	656.19	6796.64	656.28	6929.58	655.14		
7097.2	652.62	7175.23	647.33	7297.57	639.58	7447.85	640.24	7497.95	651.31		
7548.04	649.72	7568.27	649.81	7666.53	649.81	7715.66	649.14	7813.92	649.14		
7898.69	650.2	8299.44	718.55	8354.35	719.24	8600	719.24	8600	719.43		

Manning's n Values			num= 3		
Sta	n Val	Sta	n Val	Sta	n Val
0	.15	3095.24	.15	3490.48	.15

Bank Sta: Left	Right	Lengths: Left	Channel	Right	Coeff	Contr.	Expan.
3095.24	3490.48	45.86	45.86	45.86	.1	.3	

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.60	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.58	Reach Len. (ft)	45.86	45.86	45.86
Crit W.S. (ft)		Flow Area (sq ft)	415107.70	69298.07	575137.30
E.G. Slope (ft/ft)	0.000013	Area (sq ft)	415107.70	69298.07	575137.30
Q Total (cfs)	944016.60	Flow (cfs)	387460.50	77403.73	479152.30
Top Width (ft)	8600.00	Top width (ft)	3095.24	395.24	5109.52
Vel Total (ft/s)	0.89	Avg. Vel. (ft/s)	0.93	1.12	0.83
Max Chl Dpth (ft)	181.96	Hydr. Depth (ft)	134.11	175.33	112.56
Conv. Total (cfs)	259985700.0	Conv. (cfs)	106708100.0	21317280.0	131960400.0

Length Wtd. (ft)	45.86	Wetted Per. (ft)	3140.23	400.46	5159.64
Min Ch El (ft)	578.62	Shear (lb/sq ft)	0.11	0.14	0.09
Alpha	1.02	Stream Power (lb/ft s)	0.10	0.16	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	21872.38	6327.12	39420.67
C & E Loss (ft)		Cum SA (acres)	183.91	35.40	291.03

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 8769.42*

INPUT

Description:

Station Elevation Data			num= 60								
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	727.14	142.63	735.36	579.59	648.35	652.04	632.67	665.62	630		
724.49	628.07	1188.62	605.01	1231.63	604.29	1473.88	603.33	1666.33	606.43		
1901.79	610.21	2028.57	609.71	2173.47	608.57	2463.27	608.57	2608.16	607.14		
2662.5	607.14	2680.61	605.51	2753.06	600.41	2757.59	600	3042.86	600		
3100	578.43	3250	578.43	3435.71	600	3786.69	608.57	3886.97	617.14		
4075	621.73	4237.96	625.98	4839.64	626.95	4960.17	632.29	5040.2	636.05		
5402.75	645.32	5441.32	646.21	5746.98	653.25	5842.44	654.93	6043	657.61		
6091.21	655.95	6189.56	652.92	6293.7	650.12	6337.09	650.29	6393.98	650.2		

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6533.79	652.39	6644.68	654.29	6730.49	654.29	6744.96	654.43	6878.02	653.82
7045.8	651.43	7123.9	646.42	7246.36	639.37	7396.78	640.36	7446.92	650.97
7497.06	649.58	7517.31	649.71	7615.66	649.71	7664.83	648.71	7763.19	648.71
7848.04	650.31	8249.16	717.83	8304.12	718.86	8550	718.86	8550	719.14

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	3042.86	.15	3435.71	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	3042.86	3435.71		45.86	45.86	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.60	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.58	Reach Len. (ft)	45.86	45.86	45.86
Crit W.S. (ft)		Flow Area (sq ft)	406081.00	68939.77	580847.00
E.G. Slope (ft/ft)	0.000013	Area (sq ft)	406081.00	68939.77	580847.00
Q Total (cfs)	944015.10	Flow (cfs)	378697.60	77249.05	488068.50
Top Width (ft)	8550.00	Top Width (ft)	3042.86	392.85	5114.29
Vel Total (ft/s)	0.89	Avg. Vel. (ft/s)	0.93	1.12	0.84
Max Chl Dpth (ft)	182.15	Hydr. Depth (ft)	133.45	175.49	113.57
Conv. Total (cfs)	259314000.0	Conv. (cfs)	104025400.0	21219740.0	134068800.0
Length Wtd. (ft)	45.86	Wetted Per. (ft)	3088.01	398.03	5164.39
Min Ch El (ft)	578.43	Shear (lb/sq ft)	0.11	0.14	0.09
Alpha	1.02	Stream Power (lb/ft s)	0.10	0.16	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	21440.11	6254.36	38812.16
C & E Loss (ft)		Cum SA (acres)	180.68	34.99	285.64

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 8723.57*

INPUT

Description:

Station Elevation Data		num= 60		Sta		Elev		Sta		Elev	
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	726.19	140.18	733.82	569.61	651.22	640.82	635.86	654.17	633.33		
712.02	631.51	1168.15	606.68	1210.43	605.71	1448.51	604.44	1637.64	607.07		
1869.05	610.29	1993.65	609.62	2136.05	608.1	2420.86	608.1	2563.27	606.19		
2616.67	606.19	2634.47	604.65	2705.67	600.39	2710.12	600	2990.48	600		
3050	578.24	3200	578.24	3380.95	600	3732.26	608.1	3832.63	616.19		
4020.83	620.53	4183.94	624.64	4786.18	625.93	4906.82	631.06	4986.93	634.73		
5349.82	644.08	5388.42	644.94	5694.37	651.79	5789.92	653.24	5990.66	655.48		
6038.92	653.84	6137.36	650.98	6241.6	648.49	6285.03	648.71	6341.97	648.6		
6481.91	650.59	6592.9	652.38	6678.8	652.38	6693.28	652.57	6826.47	652.5		
6994.4	650.24	7072.57	645.51	7195.14	639.16	7345.71	640.47	7395.89	650.62		
7446.08	649.44	7466.35	649.62	7564.79	649.62	7614.01	648.29	7712.45	648.29		
7797.39	650.41	8198.88	717.1	8253.89	718.48	8500	718.48	8500	718.86		

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	2990.48	.15	3380.95	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	2990.48	3380.95		45.86	45.86	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.59	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.58	Reach Len. (ft)	45.86	45.86	45.86
Crit W.S. (ft)		Flow Area (sq ft)	397113.90	68582.80	586569.10
E.G. Slope (ft/ft)	0.000013	Area (sq ft)	397113.90	68582.80	586569.10
Q Total (cfs)	944013.50	Flow (cfs)	369927.40	77080.35	497005.70
Top Width (ft)	8500.00	Top Width (ft)	2990.48	390.47	5119.05
Vel Total (ft/s)	0.90	Avg. Vel. (ft/s)	0.93	1.12	0.85
Max Chl Dpth (ft)	182.34	Hydr. Depth (ft)	132.79	175.64	114.59
Conv. Total (cfs)	258686300.0	Conv. (cfs)	101370500.0	21122190.0	136193600.0
Length Wtd. (ft)	45.86	Wetted Per. (ft)	3035.82	395.63	5169.15
Min Ch El (ft)	578.24	Shear (lb/sq ft)	0.11	0.14	0.09

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Alpha	1.02	Stream Power (lb/ft s)	0.10	0.16	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	21017.30	6181.96	38197.63
C & E Loss (ft)		Cum SA (acres)	177.51	34.57	280.26

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 8677.71*

INPUT

Description:

Station Elevation Data		num=	60								
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	725.24	137.72	732.27	559.64	654.09	629.59	639.04	642.71	636.67		
699.55	634.95	1147.69	608.35	1189.23	607.14	1423.14	605.55	1608.96	607.71		
1836.31	610.36	1958.73	609.52	2098.64	607.62	2378.46	607.62	2518.37	605.24		
2570.83	605.24	2588.32	603.79	2658.28	600.36	2662.65	600	2938.1	600		
3000	578.05	3150	578.05	3326.19	600	3677.82	607.62	3778.29	615.24		
3966.67	619.32	4129.93	623.3	4732.73	624.91	4853.48	629.82	4933.66	633.42		
5296.89	642.84	5335.53	643.68	5641.76	650.33	5737.4	651.55	5938.33	653.35		
5986.63	651.73	6085.17	649.04	6189.5	646.86	6232.97	647.14	6289.96	647.01		
6430.04	648.79	6541.13	650.48	6627.11	650.48	6641.6	650.71	6774.91	651.17		
6943	649.05	7021.25	644.6	7143.93	638.95	7294.63	640.59	7344.86	650.28		
7395.1	649.3	7415.38	649.52	7513.92	649.52	7563.19	647.86	7661.72	647.86		
7746.73	650.51	8148.6	716.38	8203.66	718.1	8450	718.1	8450	718.57		

Manning's n Values

Sta	n Val	Sta	n Val
0	.15	2938.1	.15

Bank Sta: Left	Right	Lengths: Left	Channel	Right	Coeff Contr.	Expan.
2938.1	3326.19	45.86	45.86	45.86	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.59	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.58	Reach Len. (ft)	45.86	45.86	45.86
Crit W.S. (ft)		Flow Area (sq ft)	388224.80	68225.32	592299.00
E.G. Slope (ft/ft)	0.000013	Area (sq ft)	388224.80	68225.32	592299.00
Q Total (cfs)	944012.00	Flow (cfs)	361175.50	76894.15	505942.30
Top Width (ft)	8450.00	Top Width (ft)	2938.10	388.09	5123.81
Vel Total (ft/s)	0.90	Avg. Vel. (ft/s)	0.93	1.13	0.85
Max Chl Dpth (ft)	182.53	Hydr. Depth (ft)	132.13	175.80	115.60
Conv. Total (cfs)	258107600.0	Conv. (cfs)	98751010.0	21024060.0	138332500.0
Length Wtd. (ft)	45.86	Wetted Per. (ft)	2983.68	393.23	5173.95
Min Ch El (ft)	578.05	Shear (lb/sq ft)	0.11	0.14	0.10
Alpha	1.02	Stream Power (lb/ft s)	0.10	0.16	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	20603.90	6109.95	37577.07
C & E Loss (ft)		Cum SA (acres)	174.39	34.16	274.87

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 8631.85*

INPUT

Description:

Station Elevation Data		num=	60								
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	724.29	135.27	730.73	549.66	656.96	618.37	642.23	631.25	640		
687.07	638.39	1127.23	610.03	1168.03	608.57	1397.77	606.66	1580.27	608.36		
1803.57	610.43	1923.81	609.43	2061.22	607.14	2336.05	607.14	2473.47	604.29		
2525	604.29	2542.18	602.93	2610.88	600.34	2615.18	600	2885.71	600		
2950	577.86	3100	577.86	3271.43	600	3623.39	607.14	3723.95	614.29		
3912.5	618.11	4075.91	621.95	4679.27	623.9	4800.14	628.58	4880.39	632.1		
5243.96	641.6	5282.63	642.41	5589.15	648.87	5684.87	649.86	5885.99	651.22		
5934.34	649.62	6032.97	647.1	6137.4	645.24	6180.91	645.57	6237.96	645.41		
6378.16	646.99	6489.36	648.57	6575.41	648.57	6589.92	648.85	6723.35	649.85		
6891.6	647.86	6969.92	643.68	7092.72	638.74	7243.56	640.71	7293.84	649.94		
7344.12	649.16	7364.42	649.43	7463.05	649.43	7512.36	647.43	7610.99	647.43		

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7696.08	650.61	8098.32	715.65	8153.43	717.71	8400	717.71	8400	718.29
Manning's n Values			num= 3						
Sta	n Val	Sta	n Val	Sta	n Val				
0	.15	2885.71	.15	3271.43	.15				
Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	2885.71	3271.43		45.86	45.86	45.86	.1	.3	
CROSS SECTION OUTPUT Profile #Max WS									
E.G. Elev (ft)	760.59		Element	Left OB		Channel	Right OB		
Vel Head (ft)	0.01		wt. n-Val.	0.150		0.150	0.150		
W.S. Elev (ft)	760.58		Reach Len. (ft)	45.86		45.86	45.86		
Crit W.S. (ft)			Flow Area (sq ft)	379394.30		67869.16	598047.80		
E.G. slope (ft/ft)	0.000013		Area (sq ft)	379394.30		67869.16	598047.80		
Q Total (cfs)	944010.50		Flow (cfs)	352420.90		76693.62	514896.00		
Top width (ft)	8400.00		Top width (ft)	2885.71		385.72	5128.57		
Vel Total (ft/s)	0.90		Avg. Vel. (ft/s)	0.93		1.13	0.86		
Max Chl Dpth (ft)	182.72		Hydr. Depth (ft)	131.47		175.95	116.61		
Conv. Total (cfs)	257574400.0		Conv. (cfs)	96158490.0		20925950.0	140490000.0		
Length wtd. (ft)	45.86		wetted Per. (ft)	2931.58		390.85	5178.78		
Min Ch El (ft)	577.86		Shear (lb/sq ft)	0.11		0.15	0.10		
Alpha	1.02		Stream Power (lb/ft s)	0.10		0.16	0.08		
Frctn Loss (ft)	0.00		Cum volume (acre-ft)	20199.83		6038.31	36950.48		
C & E Loss (ft)			Cum SA (acres)	171.32		33.76	269.47		

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
REACH: PALUXY RIVER RS: 8586.*

INPUT

Description:

Station Elevation Data			num= 60								
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	723.33	132.81	729.18	539.68	659.83	607.14	645.41	619.79	643.33		
674.6	641.83	1106.77	611.7	1146.83	610	1372.4	607.77	1551.59	609		
1770.83	610.5	1888.89	609.33	2023.81	606.67	2293.65	606.67	2428.57	603.33		
2479.17	603.33	2496.03	602.06	2563.49	600.32	2567.71	600	2833.33	600		
2900	577.67	3050	577.67	3216.67	600	3568.95	606.67	3669.61	613.33		
3858.33	616.9	4021.9	620.61	4625.82	622.88	4746.79	627.34	4827.12	630.78		
5191.03	640.36	5229.74	641.15	5536.54	647.41	5632.35	648.17	5833.66	649.09		
5882.05	647.51	5980.77	645.16	6085.29	643.61	6128.85	644	6185.95	643.81		
6326.28	645.19	6437.58	646.67	6523.72	646.67	6538.24	646.99	6671.79	648.53		
6840.2	646.67	6918.59	642.77	7041.5	638.53	7192.48	640.83	7242.81	649.59		
7293.14	649.02	7313.46	649.33	7412.18	649.33	7461.54	647	7560.26	647		
7645.42	650.71	8048.04	714.93	8103.21	717.33	8350	717.33	8350	718		

Manning's	n	Values	num=	3				
Sta	n	Val	Sta	n	Val	Sta	n	Val
0	.15	2833.33	.15	3216.67	.15			
Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.
	2833.33	3216.67		45.86	45.86	45.86	.1	Expan.
								.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.59	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.58	Reach Len. (ft)	45.86	45.86	45.86
Crit W.S. (ft)		Flow Area (sq ft)	370641.80	67510.76	603797.90
E.G. Slope (ft/ft)	0.000013	Area (sq ft)	370641.80	67510.76	603797.90
Q Total (cfs)	944008.90	Flow (cfs)	343696.10	76474.70	523838.10
Top width (ft)	8350.00	Top width (ft)	2833.33	383.34	5133.33
Vel Total (ft/s)	0.91	Avg. Vel. (ft/s)	0.93	1.13	0.87
Max Chl Dpth (ft)	182.91	Hydr. Depth (ft)	130.81	176.11	117.62
Conv. Total (cfs)	257086600.0	Conv. (cfs)	93600460.0	20826730.0	142659400.0
Length Wtd. (ft)	45.86	Wetted Per. (ft)	2879.55	388.47	5183.63
Min Ch El (ft)	577.67	Shear (lb/sq ft)	0.11	0.15	0.10
Alpha	1.02	Stream Power (lb/ft s)	0.10	0.17	0.09
Frctn Loss (ft)	0.00	Cum volume (acre-ft)	19805.01	5967.04	36317.82
C & E Loss (ft)		Cum SA (acres)	168.31	33.35	264.07

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Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
REACH: PALUXY RIVER

RS: 8540.14*

INPUT

Description:

Station Elevation Data			num= 60			Elev Sta			Elev Sta			Elev Sta		
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	722.38	130.36	727.63	529.71	662.7	595.92	648.6	608.33	646.67					
662.13	645.27	1086.31	613.37	1125.62	611.43	1347.02	608.88	1522.9	609.64					
1738.1	610.57	1853.97	609.24	1986.39	606.19	2251.25	606.19	2383.67	602.38					
2433.33	602.38	2449.89	601.2	2516.1	600.29	2520.24	600	2780.95	600					
2850	577.48	3000	577.48	3161.9	600	3514.52	606.19	3615.27	612.38					
3804.17	615.7	3967.88	619.27	4572.36	621.86	4693.45	626.1	4773.86	629.47					
5138.1	639.12	5176.84	639.89	5483.93	645.96	5579.83	646.48	5781.33	646.96					
5829.76	645.4	5928.57	643.22	6033.19	641.98	6076.79	642.43	6133.94	642.21					
6274.4	643.39	6385.81	644.76	6472.02	644.76	6486.55	645.14	6620.24	647.2					
6788.8	645.48	6867.26	641.86	6990.29	638.32	7141.41	640.95	7191.78	649.25					
7242.16	648.89	7262.5	649.24	7361.31	649.24	7410.71	646.57	7509.52	646.57					
7594.77	650.81	7997.76	714.2	8052.98	716.95	8300	716.95	8300	717.71					

Manning's n values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	2780.95	.15	3161.9	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	2780.95	3161.9		45.86	45.86	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.59	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.58	Reach Len. (ft)	45.86	45.86	45.86
Crit W.S. (ft)		Flow Area (sq ft)	361957.70	67150.27	609557.20
E.G. Slope (ft/ft)	0.000014	Area (sq ft)	361957.70	67150.27	609557.20
Q Total (cfs)	944007.40	Flow (cfs)	334994.10	76237.99	532775.30
Top width (ft)	8300.00	Top width (ft)	2780.95	380.95	5138.10
Vel Total (ft/s)	0.91	Avg. Vel. (ft/s)	0.93	1.14	0.87
Max Chl Dpth (ft)	183.10	Hydr. Depth (ft)	130.16	176.27	118.63
Conv. Total (cfs)	256643100.0	Conv. (cfs)	91073370.0	20726490.0	144843300.0
Length wtd. (ft)	45.86	wetted Per. (ft)	2827.57	386.09	5188.53
Min Ch El (ft)	577.48	Shear (lb/sq ft)	0.11	0.15	0.10
Alpha	1.02	Stream Power (lb/ft s)	0.10	0.17	0.09
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	19419.37	5896.16	35679.11
C & E Loss (ft)		Cum SA (acres)	165.35	32.95	258.66

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
REACH: PALUXY RIVER

RS: 8494.28*

INPUT

Description:

Station Elevation Data			num= 60			Elev Sta			Elev Sta			Elev Sta		
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	721.43	127.9	726.09	519.73	665.57	584.69	651.78	596.88	650					
649.66	648.71	1065.85	615.04	1104.42	612.86	1321.65	609.99	1494.22	610.28					
1705.36	610.64	1819.05	609.14	1948.98	605.71	2208.84	605.71	2338.78	601.43					
2387.5	601.43	2403.74	600.34	2468.71	600.27	2472.77	600	2728.57	600					
2800	577.29	2950	577.29	3107.14	600	3460.08	605.71	3560.92	611.43					
3750	614.49	3913.87	617.93	4518.91	620.85	4640.11	624.86	4720.59	628.15					
5085.17	637.88	5123.95	638.62	5431.32	644.5	5527.31	644.79	5728.99	644.83					
5777.47	643.3	5876.37	641.28	5981.09	640.35	6024.73	640.86	6081.93	640.61					
6222.53	641.59	6334.03	642.86	6420.33	642.86	6434.87	643.28	6568.68	645.88					
6737.4	644.29	6815.93	640.95	6939.08	638.12	7090.34	641.07	7140.76	648.91					
7191.18	648.75	7211.54	649.14	7310.44	649.14	7359.89	646.14	7458.79	646.14					
7544.12	650.92	7947.48	713.48	8002.75	716.57	8250	716.57	8250	717.43					

Manning's n values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	2728.57	.15	3107.14	.15

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Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
 2728.57 3107.14 45.86 45.86 45.86 .1 .3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.59	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.58	Reach Len. (ft)	45.86	45.86	45.86
Crit W.S. (ft)		Flow Area (sq ft)	353342.30	66791.00	615321.40
E.G. Slope (ft/ft)	0.000014	Area (sq ft)	353342.30	66791.00	615321.40
Q Total (cfs)	944005.90	Flow (cfs)	326318.70	75987.45	541699.80
Top width (ft)	8250.00	Top width (ft)	2728.57	378.57	5142.86
Vel Total (ft/s)	0.91	Avg. Vel. (ft/s)	0.92	1.14	0.88
Max Chl Dpth (ft)	183.29	Hydr. Depth (ft)	129.50	176.43	119.65
Conv. Total (cfs)	256243500.0	Conv. (cfs)	88576810.0	20626230.0	147040400.0
Length wtd. (ft)	45.86	wetted Per. (ft)	2775.65	383.73	5193.45
Min Ch El (ft)	577.29	Shear (lb/sq ft)	0.11	0.15	0.10
Alpha	1.02	Stream Power (lb/ft s)	0.10	0.17	0.09
Frctn Loss (ft)	0.00	Cum volume (acre-ft)	19042.83	5825.65	35034.34
C & E Loss (ft)		Cum SA (acres)	162.45	32.55	253.25

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 8448.42*

INPUT

Description:

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720.48	125.45	724.54	509.75	668.44	573.47	654.97	585.42	653.33
637.19	652.15	1045.39	616.71	1083.22	614.29	1296.28	611.1	1465.53	610.93
1672.62	610.71	1784.13	609.05	1911.56	605.24	2166.44	605.24	2293.88	600.48
2341.67	600.48	2357.6	599.48	2421.32	600.25	2425.3	600	2676.19	600
2750	577.1	2900	577.1	3052.38	600	3405.65	605.24	3506.58	610.48
3695.83	613.28	3859.85	616.59	4465.45	619.83	4586.77	623.62	4667.32	626.83
5032.23	636.64	5071.06	637.36	5378.71	643.04	5474.79	643.1	5676.66	642.7
5725.18	641.19	5824.18	639.34	5928.99	638.73	5972.66	639.29	6029.93	639.01
6170.65	639.79	6282.26	640.95	6368.64	640.95	6383.19	641.42	6517.12	644.56
6685.99	643.1	6764.61	640.04	6887.86	637.91	7039.26	641.18	7089.73	648.56
7140.2	648.61	7160.58	649.05	7259.57	649.05	7309.07	645.71	7408.06	645.71
7493.46	651.02	7897.2	712.76	7952.52	716.19	8200	716.19	8200	717.14

Manning's n values num= 3
 Sta n Val Sta n Val Sta n Val
 0 .15 2676.19 .15 3052.38 .15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
 2676.19 3052.38 45.86 45.86 45.86 .1 .3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.59	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.57	Reach Len. (ft)	45.86	45.86	45.86
Crit W.S. (ft)		Flow Area (sq ft)	344790.80	66431.31	621099.40
E.G. Slope (ft/ft)	0.000014	Area (sq ft)	344790.80	66431.31	621099.40
Q Total (cfs)	944004.40	Flow (cfs)	317665.90	75721.04	550617.40
Top width (ft)	8200.00	Top width (ft)	2676.19	376.19	5147.62
Vel Total (ft/s)	0.91	Avg. Vel. (ft/s)	0.92	1.14	0.89
Max Chl Dpth (ft)	183.47	Hydr. Depth (ft)	128.84	176.59	120.66
Conv. Total (cfs)	255888200.0	Conv. (cfs)	86108680.0	20525460.0	149254100.0
Length wtd. (ft)	45.86	wetted Per. (ft)	2723.80	381.37	5198.40
Min Ch El (ft)	577.10	Shear (lb/sq ft)	0.11	0.15	0.10
Alpha	1.01	Stream Power (lb/ft s)	0.10	0.17	0.09
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	18675.34	5755.52	34383.48
C & E Loss (ft)		Cum SA (acres)	159.61	32.15	247.83

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

Rev3.rep

RIVER: PALUXY
REACH: PALUXY RIVER

RS: 8402.57*

INPUT

Description:

Station Elevation Data			num= 60			Elev Sta			Elev Sta			Elev Sta			Elev Sta		
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	
0	719.52	122.99	723	499.77	671.3	562.24	658.15	573.96	656.67								
624.72	655.59	1024.93	618.38	1062.02	615.71	1270.91	612.21	1436.85	611.57								
1639.88	610.79	1749.21	608.95	1874.15	604.76	2124.04	604.76	2248.98	599.52								
2295.83	599.52	2311.45	598.62	2373.92	600.23	2377.83	600	2623.81	600								
2700	576.9	2850	576.9	2997.62	600	3351.21	604.76	3452.24	609.52								
3641.67	612.07	3805.84	615.25	4412	618.81	4533.42	622.39	4614.05	625.52								
4979.3	635.4	5018.16	636.09	5326.1	641.58	5422.27	641.41	5624.32	640.57								
5672.89	639.08	5771.98	637.4	5876.89	637.1	5920.6	637.71	5977.92	637.41								
6118.77	637.99	6230.49	639.05	6316.94	639.05	6331.51	639.56	6465.57	643.23								
6634.59	641.9	6713.28	639.12	6836.65	637.7	6988.19	641.3	7038.7	648.22								
7089.22	648.47	7109.62	648.95	7208.7	648.95	7258.24	645.29	7357.33	645.29								
7442.81	651.12	7846.92	712.03	7902.29	715.81	8150	715.81	8150	716.86								

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	2623.81	.15	2997.62	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	2623.81	2997.62		45.86	45.86	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.59	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.57	Reach Len. (ft)	45.86	45.86	45.86
Crit W.S. (ft)		Flow Area (sq ft)	336316.50	66073.76	626893.20
E.G. Slope (ft/ft)	0.000014	Area (sq ft)	336316.50	66073.76	626893.20
Q Total (cfs)	944003.00	Flow (cfs)	309050.80	75441.01	559511.30
Top width (ft)	8150.00	Top width (ft)	2623.81	373.81	5152.38
Vel Total (ft/s)	0.92	Avg. Vel. (ft/s)	0.92	1.14	0.89
Max Chl Dpth (ft)	183.67	Hydr. Depth (ft)	128.18	176.76	121.67
Conv. Total (cfs)	255584600.0	Conv. (cfs)	83674120.0	20425320.0	151485200.0
Length wtd. (ft)	45.86	Wetted Per. (ft)	2672.02	379.03	5203.37
Min Ch El (ft)	576.90	Shear (lb/sq ft)	0.11	0.15	0.10
Alpha	1.01	Stream Power (lb/ft s)	0.10	0.17	0.09
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	18316.80	5685.77	33726.54
C & E Loss (ft)		Cum SA (acres)	156.82	31.76	242.41

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
REACH: PALUXY RIVER

RS: 8356.71*

INPUT

Description:

Station Elevation Data			num= 60			Elev Sta			Elev Sta			Elev Sta			Elev Sta		
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	
0	718.57	120.54	721.45	489.8	674.17	551.02	661.34	562.5	660								
612.24	659.04	1004.46	620.05	1040.82	617.14	1245.54	613.32	1408.16	612.21								
1607.14	610.86	1714.29	608.86	1836.73	604.29	2081.63	604.29	2204.08	598.57								
2250	598.57	2265.31	597.76	2326.53	600.2	2330.36	600	2571.43	600								
2650	576.71	2800	576.71	2942.86	600	3296.78	604.29	3397.9	608.57								
3587.5	610.87	3751.82	613.91	4358.54	617.79	4480.08	621.15	4560.78	624.2								
4926.37	634.16	4965.27	634.83	5273.49	640.12	5369.75	639.72	5571.99	638.43								
5620.6	636.97	5719.78	635.46	5824.79	635.47	5868.54	636.14	5925.91	635.81								
6066.9	636.2	6178.71	637.14	6265.25	637.14	6279.83	637.7	6414.01	641.91								
6583.19	640.71	6661.95	638.21	6785.43	637.49	6937.11	641.42	6987.67	647.87								
7038.24	648.33	7058.65	648.86	7157.83	648.86	7207.42	644.86	7306.59	644.86								
7392.16	651.22	7796.64	711.31	7852.06	715.43	8100	715.43	8100	716.57								

Manning's n values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	2571.43	.15	2942.86	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	2571.43	2942.86		45.86	45.86	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

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E.G. Elev (ft)	760.59	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.57	Reach Len. (ft)	45.86	45.86	45.86
Crit W.S. (ft)		Flow Area (sq ft)	327903.80	65713.23	632689.90
E.G. Slope (ft/ft)	0.000014	Area (sq ft)	327903.80	65713.23	632689.90
Q Total (cfs)	944001.60	Flow (cfs)	300471.70	75143.00	568386.90
Top width (ft)	8100.00	Top width (ft)	2571.43	371.43	5157.14
Vel Total (ft/s)	0.92	Avg. Vel. (ft/s)	0.92	1.14	0.90
Max Chl Dpth (ft)	183.86	Hydr. Depth (ft)	127.52	176.92	122.68
Conv. Total (cfs)	255318700.0	Conv. (cfs)	81266850.0	20323490.0	153728400.0
Length wtd. (ft)	45.86	wetted Per. (ft)	2620.30	376.70	5208.37
Min Ch El (ft)	576.71	Shear (lb/sq ft)	0.11	0.15	0.10
Alpha	1.01	Stream Power (lb/ft s)	0.10	0.17	0.09
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	17967.15	5616.40	33063.49
C & E Loss (ft)		Cum SA (acres)	154.08	31.37	236.98

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 8310.85*

INPUT

Description:

Station		Elevation Data		num=	60	Sta		Elev		Sta		Elev	
Sta	Elev	Sta	Elev			Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	717.62	118.08	719.91		479.82	677.04	539.8	664.52	551.04	663.33			
599.77	662.48	984	621.72		1019.61	618.57	1220.16	614.43	1379.48	612.86			
1574.4	610.93	1679.37	608.76		1799.32	603.81	2039.23	603.81	2159.18	597.62			
2204.17	597.62	2219.16	596.89		2279.14	600.18	2282.89	600	2519.05	600			
2600	576.52	2750	576.52		2888.1	600	3242.34	603.81	3343.56	607.62			
3533.33	609.66	3697.81	612.57		4305.09	616.78	4426.74	619.91	4507.52	622.88			
4873.44	632.92	4912.37	633.56		5220.88	638.66	5317.23	638.03	5519.65	636.3			
5568.31	634.86	5667.58	633.52		5772.69	633.84	5816.48	634.57	5873.9	634.21			
6015.02	634.4	6126.94	635.24		6213.55	635.24	6228.15	635.85	6362.45	640.59			
6531.79	639.52	6610.62	637.3		6734.22	637.28	6886.04	641.54	6936.65	647.53			
6987.25	648.19	7007.69	648.76		7106.96	648.76	7156.59	644.43	7255.86	644.43			
7341.5	651.32	7746.36	710.58		7801.83	715.05	8050	715.05	8050	716.29			

Manning's n values		num=	3
Sta	n Val	Sta	n Val
0	.15	2519.05	.15

Bank	Sta: Left	Right	Lengths: Left	Channel	Right	Coeff	Contr.	Expan.
	2519.05	2888.1	45.86	45.86	45.86	.1	.3	

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.58	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.57	Reach Len. (ft)	45.86	45.86	45.86
Crit W.S. (ft)		Flow Area (sq ft)	319562.90	65352.13	638497.50
E.G. Slope (ft/ft)	0.000014	Area (sq ft)	319562.90	65352.13	638497.50
Q Total (cfs)	944000.10	Flow (cfs)	291937.40	74828.66	577234.00
Top width (ft)	8050.00	Top width (ft)	2519.05	369.05	5161.90
Vel Total (ft/s)	0.92	Avg. Vel. (ft/s)	0.91	1.15	0.90
Max Chl Dpth (ft)	184.05	Hydr. Depth (ft)	126.86	177.08	123.69
Conv. Total (cfs)	255098600.0	Conv. (cfs)	78890700.0	20221060.0	155986800.0
Length wtd. (ft)	45.86	wetted Per. (ft)	2568.67	374.37	5213.41
Min Ch El (ft)	576.52	Shear (lb/sq ft)	0.11	0.15	0.10
Alpha	1.01	Stream Power (lb/ft s)	0.10	0.17	0.09
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	17626.33	5547.41	32394.34
C & E Loss (ft)		Cum SA (acres)	151.40	30.98	231.55

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 8265.*

INPUT

Description:

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Station Elevation Data						num= 60					
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	716.67	115.62	718.36	469.84	679.91	528.57	667.71	539.58	666.67		
587.3	665.92	963.54	623.39	998.41	620	1194.79	615.54	1350.79	613.5		
1541.67	611	1644.44	608.67	1761.9	603.33	1996.83	603.33	2114.29	596.67		
2158.33	596.67	2173.02	596.03	2231.75	600.16	2235.42	600	2466.67	600		
2550	576.33	2700	576.33	2833.33	600	3187.91	603.33	3289.22	606.67		
3479.17	608.45	3643.79	611.23	4251.63	615.76	4373.4	618.67	4454.25	621.57		
4820.51	631.68	4859.48	632.3	5168.27	637.21	5264.71	636.34	5467.32	634.17		
5516.03	632.76	5615.38	631.58	5720.59	632.22	5764.42	633	5821.9	632.61		
5963.14	632.6	6075.16	633.33	6161.86	633.33	6176.47	633.99	6310.9	639.26		
6480.39	638.33	6559.29	636.39	6683.01	637.07	6834.97	641.66	6885.62	647.19		
6936.27	648.05	6956.73	648.67	7056.09	648.67	7105.77	644	7205.13	644		
7290.85	651.42	7696.08	7290.86	7751.6	714.67	8000	714.67	8000	716		

Manning's n values						num= 3					
Sta	n Val	Sta	n Val	Sta	n Val	Sta	n Val	Sta	n Val	Sta	n Val
0	.15	2466.67	.15	2833.33	.15						

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	2466.67	2833.33		45.86	45.86	45.86		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.58	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.57	Reach Len. (ft)	45.86	45.86	45.86
Crit W.S. (ft)		Flow Area (sq ft)	311293.20	64988.91	644313.40
E.G. Slope (ft/ft)	0.000014	Area (sq ft)	311293.20	64988.91	644313.40
Q Total (cfs)	943998.60	Flow (cfs)	283453.70	74497.00	586047.90
Top width (ft)	8000.00	Top width (ft)	2466.67	366.66	5166.67
Vel Total (ft/s)	0.92	Avg. Vel. (ft/s)	0.91	1.15	0.91
Max Chl Dpth (ft)	184.24	Hydr. Depth (ft)	126.20	177.25	124.71
Conv. Total (cfs)	254922200.0	Conv. (cfs)	76545300.0	20117550.0	158259400.0
Length wtd. (ft)	45.86	Wetted Per. (ft)	2517.11	372.04	5218.49
Min Ch El (ft)	576.33	Shear (lb/sq ft)	0.11	0.15	0.11
Alpha	1.01	Stream Power (lb/ft s)	0.10	0.17	0.10
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	17294.25	5478.79	31719.07
C & E Loss (ft)		Cum SA (acres)	148.78	30.59	226.11

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 8219.14*

INPUT

Description:

Station Elevation Data						num= 60					
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	715.71	113.17	716.81	459.86	682.78	517.35	670.89	528.12	670		
574.83	669.36	943.08	625.06	977.21	621.43	1169.42	616.65	1322.11	614.14		
1508.93	611.07	1609.52	608.57	1724.49	602.86	1954.42	602.86	2069.39	595.71		
2112.5	595.71	2126.87	595.17	2184.35	600.14	2187.95	600	2414.29	600		
2500	576.14	2650	576.14	2778.57	600	3133.47	602.86	3234.87	605.71		
3425	607.24	3589.78	609.89	4198.18	614.74	4320.06	617.43	4400.98	620.25		
4767.58	630.44	4806.58	631.03	5115.66	635.75	5212.18	634.65	5414.99	632.04		
5463.74	630.65	5563.19	629.64	5668.49	630.59	5712.36	631.43	5769.89	631.02		
5911.26	630.8	6023.39	631.43	6110.17	631.43	6124.79	632.13	6259.34	637.94		
6428.99	637.14	6507.97	635.47	6631.79	636.86	6783.89	641.78	6834.59	646.84		
6885.29	647.91	6905.77	648.57	7005.22	648.57	7054.95	643.57	7154.4	643.57		
7240.2	651.53	7645.8	709.13	7701.37	714.29	7950	714.29	7950	715.71		

Manning's n values						num= 3					
Sta	n Val	Sta	n Val	Sta	n Val	Sta	n Val	Sta	n Val	Sta	n Val
0	.15	2414.29	.15	2778.57	.15						

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	2414.29	2778.57		45.86	45.86	45.86		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.58	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.57	Reach Len. (ft)	45.86	45.86	45.86
Crit W.S. (ft)		Flow Area (sq ft)	303092.30	64626.96	650142.90

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E.G. Slope (ft/ft)	0.000014	Area (sq ft)	303092.30	64626.96	650142.90
Q Total (cfs)	943997.10	Flow (cfs)	275017.10	74151.35	594828.60
Top width (ft)	7950.00	Top width (ft)	2414.29	364.28	5171.43
Vel Total (ft/s)	0.93	Avg. Vel. (ft/s)	0.91	1.15	0.91
Max Chl Dpth (ft)	184.43	Hydr. Depth (ft)	125.54	177.41	125.72
Conv. Total (cfs)	254791600.0	Conv. (cfs)	74229110.0	20013990.0	160548500.0
Length wtd. (ft)	45.86	wetted Per. (ft)	2465.65	369.73	5223.58
Min Ch El (ft)	576.14	Shear (lb/sq ft)	0.11	0.15	0.11
Alpha	1.01	Stream Power (lb/ft s)	0.10	0.17	0.10
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	16970.83	5410.56	31037.66
C & E Loss (ft)		Cum SA (acres)	146.21	30.20	220.67

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 8173.28*

INPUT

Description:

Station Elevation Data			num=	60						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	714.76	110.71	715.27	449.89	685.65	506.12	674.08	516.67	673.33	
562.36	672.8	922.62	626.73	956.01	622.86	1144.05	617.76	1293.42	614.79	
1476.19	611.14	1574.6	608.48	1687.07	602.38	1912.02	602.38	2024.49	594.76	
2066.67	594.76	2080.73	594.31	2136.96	600.11	2140.48	600	2361.9	600	
2450	575.95	2600	575.95	2723.81	600	3079.04	602.38	3180.53	604.76	
3370.83	606.04	3535.76	608.55	4144.72	613.72	4266.71	616.19	4347.71	618.93	
4714.65	629.2	4753.69	629.77	5063.05	634.29	5159.66	632.96	5362.65	629.91	
5411.45	628.54	5510.99	627.7	5616.39	628.96	5660.3	629.86	5717.88	629.42	
5859.39	629	5971.62	629.52	6058.47	629.52	6073.11	630.27	6207.78	636.62	
6377.59	635.95	6456.64	634.56	6580.58	636.65	6732.82	641.89	6783.57	646.5	
6834.31	647.77	6854.81	648.48	6954.35	648.48	7004.12	643.14	7103.66	643.14	
7189.54	651.63	7595.52	708.41	7651.15	713.9	7900	713.9	7900	715.43	

Manning's n Values			num=	3			
Sta	n Val	Sta	n Val	Sta	n Val	Sta	
0	.15	2361.9	.15	2723.81	.15		

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	2361.9	2723.81		45.86	45.86	45.86		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.58	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.57	Reach Len. (ft)	45.86	45.86	45.86
Crit W.S. (ft)		Flow Area (sq ft)	294955.70	64266.33	655982.70
E.G. Slope (ft/ft)	0.000014	Area (sq ft)	294955.70	64266.33	655982.70
Q Total (cfs)	943995.70	Flow (cfs)	266630.70	73792.80	603572.30
Top width (ft)	7900.00	Top width (ft)	2361.90	361.91	5176.19
Vel Total (ft/s)	0.93	Avg. Vel. (ft/s)	0.90	1.15	0.92
Max Chl Dpth (ft)	184.62	Hydr. Depth (ft)	124.88	177.58	126.73
Conv. Total (cfs)	254703600.0	Conv. (cfs)	71940790.0	19910360.0	162852500.0
Length wtd. (ft)	45.86	wetted Per. (ft)	2414.27	367.45	5228.72
Min Ch El (ft)	575.95	Shear (lb/sq ft)	0.10	0.15	0.11
Alpha	1.01	Stream Power (lb/ft s)	0.09	0.17	0.10
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	16656.02	5342.72	30350.12
C & E Loss (ft)		Cum SA (acres)	143.70	29.82	215.22

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 8127.42*

INPUT

Description:

Station Elevation Data			num=	60						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	713.81	108.26	713.72	439.91	688.52	494.9	677.26	505.21	676.67	
549.89	676.24	902.16	628.41	934.81	624.29	1118.68	618.87	1264.74	615.43	
1443.45	611.21	1539.68	608.38	1649.66	601.9	1869.61	601.9	1979.59	593.81	

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2020.83	593.81	2034.58	593.45	2089.57	600.09	2093.01	600	2309.52	600
2400	575.76	2550	575.76	2669.05	600	3024.6	601.9	3126.19	603.81
3316.67	604.83	3481.75	607.2	4091.27	612.71	4213.37	614.95	4294.44	617.62
4661.72	627.96	4700.79	628.51	5010.44	632.83	5107.14	631.27	5310.32	627.78
5359.16	626.43	5458.79	625.76	5564.29	627.33	5608.24	628.29	5665.87	627.82
5807.51	627.2	5919.84	627.62	6006.78	627.62	6021.43	628.41	6156.23	635.29
6326.19	634.76	6405.31	633.65	6529.37	636.44	6681.75	642.01	6732.54	646.15
6783.33	647.63	6803.85	648.38	6903.48	648.38	6953.3	642.71	7052.93	642.71
7138.89	651.73	7545.24	707.68	7600.92	713.52	7850	713.52	7850	715.14
Manning's n Values									
Sta	n Val	Sta	num=	3	Sta	n Val	Sta	n Val	Sta
0	.15	2309.52	.15	2669.05	.15				
Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.									
	2309.52	2669.05		45.86	45.86	45.86		.1	.3
CROSS SECTION OUTPUT Profile #Max WS									
E.G. Elev (ft)	760.58	Element	Left OB	Channel	Right OB				
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150				
W.S. Elev (ft)	760.56	Reach Len. (ft)	45.86	45.86	45.86				
Crit W.S. (ft)		Flow Area (sq ft)	286891.00	63903.27	661829.40				
E.G. Slope (ft/ft)	0.000014	Area (sq ft)	286891.00	63903.27	661829.40				
Q Total (cfs)	943994.20	Flow (cfs)	258306.90	73416.80	612270.50				
Top width (ft)	7850.00	Top width (ft)	2309.52	359.53	5180.95				
Vel Total (ft/s)	0.93	Avg. Vel. (ft/s)	0.90	1.15	0.93				
Max Chl Dpth (ft)	184.80	Hydr. Depth (ft)	124.22	177.74	127.74				
Conv. Total (cfs)	254658400.0	Conv. (cfs)	69682640.0	19805420.0	165170300.0				
Length wtd. (ft)	45.86	Wetted Per. (ft)	2362.99	365.16	5233.87				
Min Ch El (ft)	575.76	Shear (lb/sq ft)	0.10	0.15	0.11				
Alpha	1.01	Stream Power (lb/ft s)	0.09	0.17	0.10				
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	16349.74	5275.25	29656.42				
C & E Loss (ft)		Cum SA (acres)	141.24	29.44	209.77				

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 8081.57*

INPUT

Description:

Station Elevation Data num= 60									
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	712.86	105.8	712.18	429.93	691.39	483.67	680.45	493.75	680
537.42	679.68	881.7	630.08	913.61	625.71	1093.3	619.98	1236.05	616.07
1410.71	611.29	1504.76	608.29	1612.24	601.43	1827.21	601.43	1934.69	592.86
1975	592.86	1988.44	592.59	2042.18	600.07	2045.54	600	2257.14	600
2350	575.57	2500	575.57	2614.29	600	2970.17	601.43	3071.85	602.86
3262.5	603.62	3427.73	605.86	4037.82	611.69	4160.03	613.72	4241.18	616.3
4608.79	626.72	4647.9	627.24	4957.83	631.37	5054.62	629.58	5257.98	625.65
5306.87	624.32	5406.59	623.82	5512.19	625.71	5556.18	626.71	5613.87	626.22
5755.63	625.4	5868.07	625.71	5955.08	625.71	5969.75	626.55	6104.67	633.97
6274.79	633.57	6353.98	632.74	6478.15	636.23	6630.67	642.13	6681.51	645.81
6732.35	647.49	6752.88	648.29	6852.61	648.29	6902.47	642.29	7002.2	642.29
7088.24	651.83	7494.96	706.96	7550.69	713.14	7800	713.14	7800	714.86

Manning's n Values num= 3									
Sta	n Val	Sta	n Val	Sta	n Val	Sta	n Val	Sta	n Val
0	.15	2257.14	.15	2614.29	.15				
Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.									
	2257.14	2614.29		45.86	45.86	45.86		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.58	Element	Left OB	Channel	Right OB				
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150				
W.S. Elev (ft)	760.56	Reach Len. (ft)	45.86	45.86	45.86				
Crit W.S. (ft)		Flow Area (sq ft)	278892.70	63540.09	667684.30				
E.G. Slope (ft/ft)	0.000014	Area (sq ft)	278892.70	63540.09	667684.30				
Q Total (cfs)	943992.80	Flow (cfs)	250042.80	73026.91	620923.20				
Top width (ft)	7800.00	Top width (ft)	2257.14	357.15	5185.71				
Vel Total (ft/s)	0.93	Avg. Vel. (ft/s)	0.90	1.15	0.93				
Max Chl Dpth (ft)	184.99	Hydr. Depth (ft)	123.56	177.91	128.75				

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Conv. Total (cfs)	254654400.0	Conv. (cfs)	67452310.0	19699970.0	167502200.0
Length wtd. (ft)	45.86	wetted Per. (ft)	2311.82	362.89	5239.06
Min Ch El (ft)	575.57	Shear (lb/sq ft)	0.10	0.15	0.11
Alpha	1.01	Stream Power (lb/ft s)	0.09	0.17	0.10
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	16051.91	5208.16	28956.56
C & E Loss (ft)		Cum SA (acres)	138.83	29.06	204.32

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 8035.71*

INPUT

Description:

Station Elevation Data			num=	60						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	711.9	103.35	710.63	419.95	694.26	472.45	683.63	482.29	683.33	
524.94	683.12	861.24	631.75	892.4	627.14	1067.93	621.09	1207.37	616.71	
1377.98	611.36	1469.84	608.19	1574.83	600.95	1784.81	600.95	1889.8	591.9	
1929.17	591.9	1942.29	591.72	1994.78	600.05	1998.07	600	2204.76	600	
2300	575.38	2450	575.38	2559.52	600	2915.73	600.95	3017.51	601.9	
3208.33	602.41	3373.72	604.52	3984.36	610.67	4106.69	612.48	4187.91	614.98	
4555.86	625.48	4595	625.98	4905.22	629.92	5002.1	627.88	5205.65	623.52	
5254.58	622.22	5354.4	621.88	5460.08	624.08	5504.12	625.14	5561.86	624.62	
5703.75	623.6	5816.29	623.81	5903.39	623.81	5918.07	624.7	6053.11	632.65	
6223.39	632.38	6302.66	631.82	6426.94	636.02	6579.6	642.25	6630.49	645.47	
6681.37	647.35	6701.92	648.19	6801.74	648.19	6851.65	641.86	6951.47	641.86	
7037.58	651.93	7444.68	706.24	7500.46	712.76	7750	712.76	7750	714.57	

Manning's n Values			num=	3
Sta	n Val	Sta	n Val	Sta
0	.15	2204.76	.15	2559.52

Bank Sta: Left	Right	Lengths: Left	Channel	Right	Coeff	Contr.	Expan.
2204.76	2559.52	45.86	45.86	45.86	.1	.3	

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.58	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.56	Reach Len. (ft)	45.86	45.86	45.86
Crit W.S. (ft)		Flow Area (sq ft)	270971.40	63174.57	673552.50
E.G. Slope (ft/ft)	0.000014	Area (sq ft)	270971.40	63174.57	673552.50
Q Total (cfs)	943991.40	Flow (cfs)	241851.80	72618.79	629520.80
Top width (ft)	7750.00	Top width (ft)	2204.76	354.76	5190.48
Vel Total (ft/s)	0.94	Avg. Vel. (ft/s)	0.89	1.15	0.93
Max Chl Dpth (ft)	185.18	Hydr. Depth (ft)	122.90	178.08	129.77
Conv. Total (cfs)	254697000.0	Conv. (cfs)	65253700.0	19593170.0	169850100.0
Length wtd. (ft)	45.86	wetted Per. (ft)	2260.77	360.62	5244.28
Min Ch El (ft)	575.57	Shear (lb/sq ft)	0.10	0.15	0.11
Alpha	1.01	Stream Power (lb/ft s)	0.09	0.17	0.10
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	15762.46	5141.46	28250.54
C & E Loss (ft)		Cum SA (acres)	136.48	28.69	198.85

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 7989.85*

INPUT

Description:

Station Elevation Data			num=	60						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	710.95	100.89	709.08	409.98	697.13	461.22	686.82	470.83	686.67	
512.47	686.56	840.77	633.42	871.2	628.57	1042.56	622.2	1178.68	617.36	
1345.24	611.43	1434.92	608.1	1537.42	600.48	1742.4	600.48	1844.9	590.95	
1883.33	590.95	1896.15	590.86	1947.39	600.02	1950.6	600	2152.38	600	
2250	575.19	2400	575.19	2504.76	600	2861.3	600.48	2963.17	600.95	
3154.17	601.21	3319.7	603.18	3930.91	609.66	4053.34	611.24	4134.64	613.67	
4502.93	624.24	4542.11	624.71	4852.61	628.46	4949.58	626.19	5153.31	621.39	
5202.29	620.11	5302.2	619.94	5407.98	622.45	5452.06	623.57	5509.85	623.02	

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5651.88	621.8	5764.52	621.9	5851.69	621.9	5866.39	622.84	6001.56	631.32
6171.99	631.19	6251.33	630.91	6375.72	635.81	6528.53	642.37	6579.46	645.12
6630.39	647.21	6650.96	648.1	6750.87	648.1	6800.82	641.43	6900.73	641.43
6986.93	652.04	7394.4	705.51	7450.23	712.38	7700	712.38	7700	714.29

Manning's n values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	2152.38	.15	2504.76	.15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.

2152.38	2504.76	45.86	45.86	45.86	.1	.3
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CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.57	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.56	Reach Len. (ft)	45.86	45.86	45.86
Crit W.S. (ft)		Flow Area (sq ft)	263111.90	62810.43	679422.50
E.G. Slope (ft/ft)	0.000014	Area (sq ft)	263111.90	62810.43	679422.50
Q Total (cfs)	943990.00	Flow (cfs)	233725.50	72199.52	638065.00
Top Width (ft)	7700.00	Top Width (ft)	2152.38	352.38	5195.24
Vel Total (ft/s)	0.94	Avg. Vel. (ft/s)	0.89	1.15	0.94
Max Chl Dpth (ft)	185.37	Hydr. Depth (ft)	122.24	178.25	130.78
Conv. Total (cfs)	254776700.0	Conv. (cfs)	63080970.0	19486180.0	172209600.0
Length wtd. (ft)	45.86	Wetted Per. (ft)	2209.83	358.38	5249.52
Min Ch El (ft)	575.19	Shear (lb/sq ft)	0.10	0.15	0.11
Alpha	1.01	Stream Power (lb/ft s)	0.09	0.17	0.10
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	15481.32	5075.14	27538.33
C & E Loss (ft)		Cum SA (acres)	134.19	28.32	193.39

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 7944

INPUT

Description:

Station	Elevation	Data	num=	34
Sta	Elev	Sta	Elev	Sta
0	710	400	700	450
1150	618	1400	608	1500
1850	590	1900	600	2100
2450	600	3100	600	4000
5150	618	5250	618	5400
5950	630	6200	630	6600
6850	641	7400	712	7650

Manning's n values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	2100	.15	2450	.15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.

2100	2450	57.54	57.54	57.54	.1	.3
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CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.57	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.56	Reach Len. (ft)	57.54	57.54	57.54
Crit W.S. (ft)		Flow Area (sq ft)	255325.00	62445.83	685309.50
E.G. Slope (ft/ft)	0.000014	Area (sq ft)	255325.00	62445.83	685309.50
Q Total (cfs)	943988.60	Flow (cfs)	225672.70	71764.32	646551.60
Top Width (ft)	7650.00	Top Width (ft)	2100.00	350.00	5200.00
Vel Total (ft/s)	0.94	Avg. Vel. (ft/s)	0.88	1.15	0.94
Max Chl Dpth (ft)	185.56	Hydr. Depth (ft)	121.58	178.42	131.79
Conv. Total (cfs)	254903000.0	Conv. (cfs)	60937850.0	19378350.0	174586800.0
Length wtd. (ft)	57.54	Wetted Per. (ft)	2159.03	356.16	5254.79
Min Ch El (ft)	575.00	Shear (lb/sq ft)	0.10	0.15	0.11
Alpha	1.01	Stream Power (lb/ft s)	0.09	0.17	0.11
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	15208.41	5009.20	26819.94
C & E Loss (ft)		Cum SA (acres)	131.95	27.95	187.91

Warning: The cross-section end points had to be extended vertically for the computed water surface.

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CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 7886.4*

INPUT

Description:

Station Elevation Data			num= 51			Elev			Sta			Elev			Sta			Elev		
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	710.4	234.18	703.95	395.87	700.01	409.81	697.37	439.08	691.18											
445.36	689.98	494.84	689.84	841.23	632.86	907.44	630.17	936.71	627.73											
1053.8	623.31	1138.13	619.65	1170.89	618.23	1287.98	613.81	1385.56	610.97											
1405.07	609.66	1484.52	603.23	1682.46	602.16	1781.43	592.28	1830.91	592.01											
1880.4	601.08	2078.33	600	2183.33	574.87	2330	574.87	2396	590											
2440	600	3071.25	600	3945.29	609.33	4382.31	621.47	4494.24	622.7											
4722.21	625.38	5062.12	617.24	5159.23	617.32	5304.9	621.16	5350.17	620.76											
5499.13	619.33	5693.37	619.33	5839.04	628.67	5863.73	628.67	6034.92	628											
6081.83	628	6377.29	640.78	6470.29	644.98	6567.4	645.17	6615.96	638.73											
6713.08	638.92	6719.66	639.75	7147.63	699.51	7247.21	711.87	7490	711.87											
7490	713.73																			

Manning's n values			num= 3		
Sta	n Val	Sta	n Val	Sta	n Val
0	.15	2078.33	.15	2440	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff	Contr.	Expan.
	2078.33	2440		57.54	57.54		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)		760.57	Element	Left OB	Channel	Right OB
Vel Head (ft)		0.01	Wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)		760.56	Reach Len. (ft)	57.54	57.54	57.54
Crit W.S. (ft)			Flow Area (sq ft)	249742.40	64453.20	670195.50
E.G. Slope (ft/ft)		0.000014	Area (sq ft)	249742.40	64453.20	670195.50
Q Total (cfs)		943986.90	Flow (cfs)	222766.40	75348.77	645871.70
Top width (ft)		7490.00	Top width (ft)	2078.33	361.67	5050.00
Vel Total (ft/s)		0.96	Avg. Vel. (ft/s)	0.89	1.17	0.96
Max Chl Dpth (ft)		185.69	Hydr. Depth (ft)	120.16	178.21	132.71
Conv. Total (cfs)		250642000.0	Conv. (cfs)	59147650.0	20006170.0	171488100.0
Length wtd. (ft)		57.54	Wetted Per. (ft)	2136.39	367.47	5105.15
Min Ch El (ft)		574.87	Shear (lb/sq ft)	0.10	0.16	0.12
Alpha		1.01	Stream Power (lb/ft s)	0.09	0.18	0.11
Frctn Loss (ft)		0.00	Cum Volume (acre-ft)	14874.83	4925.39	25924.67
C & E Loss (ft)			Cum SA (acres)	129.19	27.48	181.14

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 7828.8*

INPUT

Description:

Station Elevation Data			num= 51			Elev			Sta			Elev			Sta			Elev		
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	710.8	231.74	703.81	391.75	700.02	405.54	697.56	434.51	691.1											
440.71	689.96	489.68	689.68	832.46	635.71	897.98	633.01	926.95	629.32											
1042.82	625.22	1126.27	621.31	1158.69	619.79	1274.55	615.68	1371.11	613.93											
1390.42	612.9	1469.05	606.47	1664.92	604.31	1762.86	594.57	1811.83	594.03											
1860.79	602.16	2056.67	600	2166.67	574.73	2310	574.73	2382	590											
2430	600	3042.5	600	3890.58	608.67	4314.62	619.93	4423.22	621.07											
4644.42	623.76	4974.23	616.48	5068.46	616.64	5209.81	620.33	5253.73	620											
5398.27	618.67	5586.73	618.67	5728.08	627.33	5752.03	627.33	5918.14	626											
5963.65	626	6250.34	637.87	6340.58	641.96	6434.81	642.34	6481.92	636.46											
6576.15	636.84	6582.54	637.63	6997.8	700.26	7094.42	711.73	7330	711.73											
7330	713.47																			

Manning's n Values			num= 3		
Sta	n Val	Sta	n Val	Sta	n Val
0	.15	2056.67	.15	2430	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff	Contr.	Expan.
	2056.67	2430		57.54	57.54		.1	.3

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CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.57	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.02	wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.56	Reach Len. (ft)	57.54	57.54	57.54
Crit W.S. (ft)		Flow Area (sq ft)	244222.60	66461.58	654799.90
E.G. Slope (ft/ft)	0.000015	Area (sq ft)	244222.60	66461.58	654799.90
Q Total (cfs)	943985.20	Flow (cfs)	219953.90	79079.81	644951.50
Top width (ft)	7330.00	Top width (ft)	2056.67	373.33	4900.00
Vel total (ft/s)	0.98	Avg. vel. (ft/s)	0.90	1.19	0.98
Max chl dpth (ft)	185.83	Hydr. Depth (ft)	118.75	178.02	133.63
Conv. Total (cfs)	246297600.0	Conv. (cfs)	57388750.0	20632920.0	168276000.0
Length Wtd. (ft)	57.54	wetted Per. (ft)	2113.88	378.83	4955.58
Min Ch El (ft)	574.73	Shear (lb/sq ft)	0.11	0.16	0.12
Alpha	1.02	Stream Power (lb/ft s)	0.10	0.19	0.12
Frctn Loss (ft)	0.00	Cum volume (acre-ft)	14548.58	4838.93	25049.55
C & E Loss (ft)		Cum SA (acres)	126.46	26.99	174.57

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
REACH: PALUXY RIVER RS: 7771.2*

INPUT

Description:

[illegible]

Manning's n Values		num= 3	
Sta	n Val	Sta	n Val
0	.15	2035	.15
		2420	.15

Bank Sta:	Left	Right	Lengths:		Left	Channel	Right	Coeff	Contr.	Expan.
	2035	2420	57.54	57.54	57.54			.1	.3	

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.57	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.02	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.55	Reach Len. (ft)	57.54	57.54	57.54
Crit W.S. (ft)		Flow Area (sq ft)	238763.30	68469.93	639135.70
E.G. Slope (ft/ft)	0.000015	Area (sq ft)	238763.30	68469.93	639135.70
Q Total (cfs)	943983.60	Flow (cfs)	217231.00	82965.80	643786.80
Top width (ft)	7170.00	Top width (ft)	2035.00	385.00	4750.00
Vel Total (ft/s)	1.00	Avg. vel. (ft/s)	0.91	1.21	1.01
Max Chl Dpth (ft)	185.95	Hydr. Depth (ft)	117.33	177.84	134.55
Conv. Total (cfs)	241873600.0	Conv. (cfs)	55660340.0	21258030.0	164955200.0
Length wtd. (ft)	57.54	Wetted Per. (ft)	2091.49	390.23	4806.06
Min Ch El (ft)	574.60	Shear (lb/sq ft)	0.11	0.17	0.13
Alpha	1.02	Stream Power (lb/ft s)	0.10	0.20	0.13
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	14229.59	4749.81	24194.95
C & E Loss (ft)		Cum SA (acres)	123.76	26.49	168.20

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
REACH: PALUXY RIVER RS: 7713.6*

INPUT

INPUT
Description:

Station Elevation Data				num=	51	Rev3.rep					
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	711.6	226.85	703.53	383.49	700.04	397	697.93	425.35	690.93		
431.43	689.93	479.37	689.37	814.92	641.42	879.06	638.7	907.42	632.5		
1020.85	629.03	1102.54	624.61	1134.27	622.9	1247.7	619.43	1342.22	619.87		
1361.13	619.38	1438.1	612.94	1629.84	608.62	1725.71	599.13	1773.65	598.06		
1821.59	604.31	2013.33	600	2133.33	574.47	2270	574.47	2354	590		
2410	600	2985	600	3781.15	607.33	4179.23	616.87	4281.19	617.83		
4488.85	620.51	4798.46	614.97	4886.92	615.27	5019.62	618.66	5060.85	618.46		
5196.54	617.33	5373.46	617.33	5506.15	624.67	5528.64	624.67	5684.58	622		
5727.31	622	5996.44	632.04	6081.15	635.92	6169.62	636.68	6213.85	631.93		
6302.31	632.68	6308.31	633.38	6698.14	701.76	6788.85	711.47	7010	711.47		
7010	712.93										

Manning's n values			num=	3			
Sta	n Val	Sta	n Val	Sta	n Val	Sta	n Val
0	.15	2013.33	.15	2410	.15		

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	2013.33	2410		57.54	57.54	57.54		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.57	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.02	Wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.55	Reach Len. (ft)	57.54	57.54	57.54
Crit W.S. (ft)		Flow Area (sq ft)	233363.40	70478.79	623187.90
E.G. Slope (ft/ft)	0.000016	Area (sq ft)	233363.40	70478.79	623187.90
Q Total (cfs)	943981.90	Flow (cfs)	214604.10	87024.97	642352.80
Top width (ft)	7010.00	Top width (ft)	2013.33	396.67	4600.00
Vel Total (ft/s)	1.02	Avg. Vel. (ft/s)	0.92	1.23	1.03
Max Chl Dpth (ft)	186.08	Hydr. Depth (ft)	115.91	177.68	135.48
Conv. Total (cfs)	237362200.0	Conv. (cfs)	53961740.0	21882240.0	161518300.0
Length wtd. (ft)	57.54	Wetted Per. (ft)	2069.23	401.67	4656.62
Min Ch El (ft)	574.47	Shear (lb/sq ft)	0.11	0.17	0.13
Alpha	1.02	Stream Power (lb/ft s)	0.10	0.21	0.14
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	13917.76	4658.04	23361.22
C & E Loss (ft)		Cum SA (acres)	121.09	25.98	162.02

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 7656.*

INPUT

Description:

Station Elevation Data			num= 51								
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	712	224.41	703.39	379.37	700.05	392.72	698.12	420.77	690.85		
426.79	689.91	474.21	689.21	806.15	644.28	869.6	641.55	897.65	634.09		
1009.86	630.94	1090.67	626.27	1122.07	624.45	1234.27	621.3	1327.78	622.83		
1346.48	622.62	1422.62	616.17	1612.3	610.78	1707.14	601.42	1754.56	600.07		
1801.98	605.39	1991.67	600	2116.67	574.33	2250	574.33	2340	590		
2400	600	2956.25	600	3726.44	606.67	4111.54	615.33	4210.17	616.21		
4411.06	618.89	4710.58	614.21	4796.15	614.59	4924.52	617.82	4964.41	617.69		
5095.67	616.67	5266.83	616.67	5395.19	623.33	5416.95	623.33	5567.8	620		
5609.13	620	5869.49	629.13	5951.44	632.91	6037.02	633.85	6079.81	629.66		
6165.38	630.6	6171.19	631.25	6548.31	702.51	6636.06	711.33	6850	711.33		
6850	712.67										

Manning's n values			num=	3			
Sta	n Val	Sta	n Val	Sta	n Val	Sta	n Val
0	.15	1991.67	.15	2400	.15		

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	1991.67	2400		57.54	57.54	57.54		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.56	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.02	Wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.55	Reach Len. (ft)	57.54	57.54	57.54
Crit W.S. (ft)		Flow Area (sq ft)	228026.20	72488.58	606963.20
E.G. Slope (ft/ft)	0.000016	Area (sq ft)	228026.20	72488.58	606963.20
Q Total (cfs)	943980.30	Flow (cfs)	212076.40	91273.45	640630.40

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Top width (ft)	6850.00	Top width (ft)	1991.67	408.33	4450.00
Vel Total (ft/s)	1.04	Avg. Vel. (ft/s)	0.93	1.26	1.06
Max Chl Dpth (ft)	186.22	Hydr. Depth (ft)	114.49	177.52	136.40
Conv. Total (cfs)	232766600.0	Conv. (cfs)	52293790.0	22506210.0	157966600.0
Length Wtd. (ft)	57.54	Wetted Per. (ft)	2047.12	413.12	4507.27
Min Ch El (ft)	574.33	Shear (lb/sq ft)	0.11	0.18	0.14
Alpha	1.02	Stream Power (lb/ft s)	0.11	0.23	0.15
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	13613.03	4563.61	22548.75
C & E Loss (ft)		Cum SA (acres)	118.44	25.44	156.05

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 7598.4*

INPUT

Description:

Station	Elevation	Data	num=	51																	
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	712.4	221.97	703.25	375.24	700.06	388.45	698.31	416.2	690.76												
422.14	689.89	469.05	689.05	797.38	647.13	860.14	644.39	887.89	635.68												
998.87	632.85	1078.81	627.92	1109.86	626.01	1220.85	623.17	1313.33	625.8												
1331.83	625.85	1407.14	619.4	1594.76	612.94	1688.57	603.7	1735.48	602.08												
1782.38	606.47	1970	600	2100	574.2	2230	574.2	2326	590												
2390	600	2927.5	600	3671.73	606	4043.85	613.8	4139.15	614.59												
4333.27	617.27	4622.69	613.45	4705.38	613.91	4829.42	616.99	4867.97	616.92												
4994.81	616	5160.19	616	5284.23	622	5305.25	622	5451.02	618												
5490.96	618	5742.54	626.21	5821.73	629.89	5904.42	631.02	5945.77	627.39												
6028.46	628.52	6034.07	629.13	6398.47	703.26	6483.27	711.2	6690	711.2												
6690	712.4																				

Manning's n values

Sta	n val	Sta	n val	Sta	n val
0	.15	1970	.15	2390	.15

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	1970	2390		57.54	57.54	57.54		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.56	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.02	wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.55	Reach Len. (ft)	57.54	57.54	57.54
Crit W.S. (ft)		Flow Area (sq ft)	222751.70	74498.34	590463.40
E.G. Slope (ft/ft)	0.000017	Area (sq ft)	222751.70	74498.34	590463.40
Q Total (cfs)	943978.70	Flow (cfs)	209652.70	95724.30	638601.80
Top width (ft)	6690.00	Top width (ft)	1970.00	420.00	4300.00
Vel Total (ft/s)	1.06	Avg. Vel. (ft/s)	0.94	1.28	1.08
Max Chl Dpth (ft)	186.35	Hydr. Depth (ft)	113.07	177.38	137.32
Conv. Total (cfs)	228086300.0	Conv. (cfs)	50656760.0	23129130.0	154300400.0
Length wtd. (ft)	57.54	Wetted Per. (ft)	2025.13	424.60	4358.00
Min Ch El (ft)	574.20	Shear (lb/sq ft)	0.12	0.19	0.14
Alpha	1.02	Stream Power (lb/ft s)	0.11	0.24	0.16
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	13315.30	4466.53	21757.88
C & E Loss (ft)		Cum SA (acres)	115.82	24.90	150.27

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 7540.8*

INPUT

Description:

Station	Elevation	Data	num=	51																	
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	712.8	219.53	703.11	371.11	700.07	384.18	698.5	411.62	690.68												
417.5	689.88	463.89	688.89	788.61	649.99	850.68	647.24	878.12	637.28												
987.89	634.75	1066.94	629.57	1097.65	627.56	1207.42	625.04	1298.89	628.77												
1317.18	629.09	1391.67	622.64	1577.22	615.09	1670	605.99	1716.39	604.1												
1762.78	607.55	1948.33	600	2083.33	574.07	2210	574.07	2312	590												
2380	600	2898.75	600	3617.02	605.33	3976.15	612.27	4068.14	612.97												

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4255.48	615.64	4534.81	612.7	4614.62	613.23	4734.33	616.15	4771.53	616.15
4893.94	615.33	5053.56	615.33	5173.27	620.67	5193.56	620.67	5334.24	616
5372.79	616	5615.59	623.3	5692.02	626.87	5771.83	628.19	5811.73	625.12
5891.54	626.44	5896.95	627	6248.64	704.01	6330.48	711.07	6530	711.07
6530	712.13								

Manning's n values	num=	3
Sta n Val Sta n Val	Sta n Val	
0 .15 1948.33	.15 2380	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
1948.33	2380	57.54	57.54	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.56	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.02	Wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.54	Reach Len. (ft)	57.54	57.54	57.54
Crit W.S. (ft)		Flow Area (sq ft)	217534.80	76508.51	573688.30
E.G. Slope (ft/ft)	0.000018	Area (sq ft)	217534.80	76508.51	573688.30
Q Total (cfs)	943977.20	Flow (cfs)	207330.00	100399.00	636248.10
Top width (ft)	6530.00	Top width (ft)	1948.33	431.67	4150.00
Vel Total (ft/s)	1.09	Avg. Vel. (ft/s)	0.95	1.31	1.11
Max Chl Dpth (ft)	186.47	Hydr. Depth (ft)	111.65	177.24	138.24
Conv. Total (cfs)	223318400.0	Conv. (cfs)	49048440.0	23751570.0	150518400.0
Length wtd. (ft)	57.54	wetted Per. (ft)	2003.27	436.11	4208.83
Min Ch El (ft)	574.07	Shear (lb/sq ft)	0.12	0.20	0.15
Alpha	1.02	Stream Power (lb/ft s)	0.12	0.26	0.17
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	13024.51	4366.80	20989.00
C & E Loss (ft)		Cum SA (acres)	113.24	24.33	144.69

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 7483.2*

INPUT

Description:

Station Elevation Data	num=	51
Sta Elev Sta Elev Sta Elev	Sta Elev Sta Elev	Sta Elev
0 713.2 217.09	702.97 366.98	700.08 379.91
412.86 689.86 458.73	688.73 779.84	652.84 841.22
976.9 636.66 1055.08	631.23 1085.45	629.12 1193.99
1302.54 632.33 1376.19	625.87 1559.68	617.25 1651.43
1743.17 608.62 1926.67	600 2066.67	573.93 2190
2370 600 2870	600 3562.31	604.67 3908.46
4177.69 614.02 4446.92	611.94 4523.85	612.54 4639.23
4793.08 614.67 4946.92	614.67 5062.31	619.33 5081.86
5254.62 614 5488.64	620.39 5562.31	623.85 5639.23
5754.62 624.36 5759.83	624.88 6098.81	704.76 6177.69
6370 711.87		710.93 6370

Manning's n Values	num=	3
Sta n Val Sta n Val	Sta n Val	
0 .15 1926.67	.15 2370	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
1926.67	2370	57.54	57.54	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.56	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.02	Wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.54	Reach Len. (ft)	57.54	57.54	57.54
Crit W.S. (ft)		Flow Area (sq ft)	212384.90	78519.73	556632.60
E.G. Slope (ft/ft)	0.000019	Area (sq ft)	212384.90	78519.73	556632.60
Q Total (cfs)	943975.70	Flow (cfs)	205125.70	105320.80	633529.30
Top width (ft)	6370.00	Top width (ft)	1926.67	443.33	4000.00
Vel Total (ft/s)	1.11	Avg. Vel. (ft/s)	0.97	1.34	1.14
Max Chl Dpth (ft)	186.61	Hydr. Depth (ft)	110.23	177.11	139.16
Conv. Total (cfs)	218462900.0	Conv. (cfs)	47471930.0	24374240.0	146616700.0
Length wtd. (ft)	57.54	wetted Per. (ft)	1981.57	447.62	4059.78
Min Ch El (ft)	573.93	Shear (lb/sq ft)	0.12	0.20	0.16
Alpha	1.03	Stream Power (lb/ft s)	0.12	0.27	0.18
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	12740.56	4264.41	20242.46

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C & E Loss (ft)	Cum SA (acres)	110.68	23.76	139.30
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Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 7425.6*

INPUT

Description:

Station	Elevation	Data	num=	51
Sta	Elev	Sta	Elev	Sta
0	713.6	214.65	702.83	362.86
408.21	689.84	453.57	688.57	771.07
965.92	638.56	1043.21	632.88	1073.24
1287.89	635.57	1360.71	629.11	1542.14
1723.57	609.7	1905	600	2050
2360	600	2841.25	600	3507.6
4099.9	612.4	4359.04	611.18	4433.08
4692.21	614	4840.29	614	4951.35
5136.44	612	5361.69	617.48	5432.6
5617.69	622.28	5622.71	622.75	5948.98
6210	711.6			

Manning's n values

Sta	n Val	Sta	n Val
0	.15	1905	.15

Bank Sta: Left	Right	Lengths: Left	Channel	Right	Coeff Contr.	Expan.
1905	2360	57.54	57.54	57.54	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.56	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.02	wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.54	Reach Len. (ft)	57.54	57.54	57.54
Crit W.S. (ft)		Flow Area (sq ft)	207291.40	80530.73	539302.90
E.G. Slope (ft/ft)	0.000020	Area (sq ft)	207291.40	80530.73	539302.90
Q Total (cfs)	943974.30	Flow (cfs)	203031.00	110509.30	630434.00
Top width (ft)	6210.00	Top width (ft)	1905.00	455.00	3850.00
Vel Total (ft/s)	1.14	Avg. Vel. (ft/s)	0.98	1.37	1.17
Max chl Dpth (ft)	186.74	Hydr. Depth (ft)	108.81	176.99	140.08
Conv. Total (cfs)	213517200.0	Conv. (cfs)	45923500.0	24996040.0	142597600.0
Length wtd. (ft)	57.54	Wetted Per. (ft)	1960.00	459.15	3910.83
Min Ch El (ft)	573.80	Shear (lb/sq ft)	0.13	0.21	0.17
Alpha	1.03	Stream Power (lb/ft s)	0.13	0.29	0.20
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	12463.38	4159.36	19518.63
C & E Loss (ft)		Cum SA (acres)	108.15	23.16	134.12

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 7368.*

INPUT

Description:

Station	Elevation	Data	num=	51
Sta	Elev	Sta	Elev	Sta
0	714	212.21	702.69	358.73
403.57	689.82	448.41	688.41	762.3
954.93	640.47	1031.35	634.53	1061.03
1273.24	638.81	1345.24	632.34	1524.6
1703.97	610.78	1883.33	600	2033.33
2350	600	2812.5	600	3452.88
4022.12	610.78	4271.15	610.42	4342.31
4591.35	613.33	4733.65	613.33	4840.38
5018.27	610	5234.75	614.56	5302.88
5480.77	620.21	5485.59	620.63	5799.15
6050	711.33			

Manning's n values

Sta	n Val	Sta	n Val

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0	.15	1883.33	.15	2350	.15		
Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	1883.33	2350		57.54	57.54	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.55	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.02	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.53	Reach Len. (ft)	57.54	57.54	57.54
Crit W.S. (ft)		Flow Area (sq ft)	202260.20	82542.17	521697.40
E.G. Slope (ft/ft)	0.000021	Area (sq ft)	202260.20	82542.17	521697.40
Q Total (cfs)	943972.90	Flow (cfs)	201059.30	115992.80	626920.80
Top Width (ft)	6050.00	Top width (ft)	1883.33	466.67	3700.00
Vel Total (ft/s)	1.17	Avg. Vel. (ft/s)	0.99	1.41	1.20
Max Chl Dpth (ft)	186.86	Hydr. Depth (ft)	107.40	176.87	141.00
Conv. Total (cfs)	208481600.0	Conv. (cfs)	44405060.0	25617640.0	138458900.0
Length Wtd. (ft)	57.54	Wetted Per. (ft)	1938.58	470.69	3762.02
Min Ch El (ft)	573.67	Shear (lb/sq ft)	0.13	0.22	0.18
Alpha	1.03	Stream Power (lb/ft s)	0.13	0.32	0.21
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	12192.88	4051.65	18817.87
C & E Loss (ft)		Cum SA (acres)	105.64	22.55	129.13

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 7310.4*

INPUT

Description:

Station	Elevation Data	num=	51
Sta	Elev	Sta	Elev
0	714.4	209.77	702.56
398.93	689.8	443.25	688.25
943.94	642.38	1019.48	636.18
1258.59	642.05	1329.76	635.57
1684.37	611.86	1861.67	600
2340	600	2783.75	600
3944.33	609.15	4183.27	609.67
4490.48	612.67	4627.02	612.67
4900.1	608	5107.8	611.65
5343.85	618.13	5348.47	618.5
5890	711.07		

Manning's n Values	num=	3
Sta	n Val	Sta
0	.15	1861.67
	.15	2340
	.15	

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	1861.67	2340		57.54	57.54	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.55	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.02	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.53	Reach Len. (ft)	57.54	57.54	57.54
Crit W.S. (ft)		Flow Area (sq ft)	197289.00	84554.61	503812.90
E.G. Slope (ft/ft)	0.000022	Area (sq ft)	197289.00	84554.61	503812.90
Q Total (cfs)	943971.60	Flow (cfs)	199215.30	121805.60	622950.80
Top Width (ft)	5890.00	Top width (ft)	1861.67	478.33	3550.00
Vel Total (ft/s)	1.20	Avg. Vel. (ft/s)	1.01	1.44	1.24
Max Chl Dpth (ft)	187.00	Hydr. Depth (ft)	105.97	176.77	141.92
Conv. Total (cfs)	203352600.0	Conv. (cfs)	42915410.0	26239640.0	134197500.0
Length Wtd. (ft)	57.54	Wetted Per. (ft)	1917.31	482.24	3613.37
Min Ch El (ft)	573.53	Shear (lb/sq ft)	0.14	0.24	0.19
Alpha	1.03	Stream Power (lb/ft s)	0.14	0.34	0.23
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	11928.99	3941.29	18140.55
C & E Loss (ft)		Cum SA (acres)	103.17	21.93	124.34

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

Rev3.rep

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 7252.8*

INPUT

Description:

Station Elevation Data			num= 51			Sta Elev			Sta Elev		
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	714.8	207.32	702.42	350.48	700.13	362.82	699.44	388.73	690.25		
394.29	689.79	438.1	688.1	744.76	664.26	803.38	661.46	829.3	645.23		
932.96	644.28	1007.62	637.84	1036.62	635.34	1140.28	634.39	1226.67	643.6		
1243.94	645.28	1314.29	638.81	1489.52	625.87	1577.14	617.4	1620.95	614.17		
1664.76	612.94	1840	600	2000	573.4	2110	573.4	2242	590		
2330	600	2755	600	3343.46	602	3637.69	604.6	3713.05	604.86		
3866.54	607.53	4095.38	608.91	4160.77	609.82	4258.85	611.98	4289.32	612.31		
4389.62	612	4520.38	612	4618.46	614	4635.08	614	4750.34	606		
4781.92	606	4980.85	608.74	5043.46	611.77	5108.85	614.04	5141.54	613.78		
5206.92	616.05	5211.36	616.38	5499.49	707.75	5566.54	710.4	5730	710.4		
5730	710.8										

Manning's n Values			num= 3		
Sta	n Val	Sta	n Val	Sta	n Val
0	.15	1840	.15	2330	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff	Contr.	Expan.
	1840	2330		57.54	57.54		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.55	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.02	wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.52	Reach Len. (ft)	57.54	57.54	57.54
Crit W.S. (ft)		Flow Area (sq ft)	192379.20	86566.73	485650.70
E.G. Slope (ft/ft)	0.000023	Area (sq ft)	192379.20	86566.73	485650.70
Q Total (cfs)	943970.30	Flow (cfs)	197510.50	127976.30	618483.50
Top width (ft)	5730.00	Top width (ft)	1840.00	490.00	3400.00
Vel Total (ft/s)	1.23	Avg. Vel. (ft/s)	1.03	1.48	1.27
Max Chl Dpth (ft)	187.12	Hydr. Depth (ft)	104.55	176.67	142.84
Conv. Total (cfs)	198129500.0	Conv. (cfs)	41455400.0	26860890.0	129813200.0
Length wtd. (ft)	57.54	wetted Per. (ft)	1896.18	493.80	3464.87
Min Ch El (ft)	573.40	Shear (lb/sq ft)	0.14	0.25	0.20
Alpha	1.04	Stream Power (lb/ft s)	0.15	0.37	0.25
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	11671.63	3828.27	17487.04
C & E Loss (ft)		Cum SA (acres)	100.73	21.29	119.75

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 7195.2*

INPUT

Description:

Station Elevation Data			num= 51			Sta Elev			Sta Elev		
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	715.2	204.88	702.28	346.35	700.14	358.54	699.62	384.15	690.17		
389.64	689.77	432.94	687.94	735.99	667.12	793.92	664.31	819.53	646.82		
921.97	646.19	995.75	639.49	1024.41	636.89	1126.85	636.26	1212.22	646.57		
1229.3	648.52	1298.81	642.04	1471.98	628.03	1558.57	619.69	1601.87	616.18		
1645.16	614.01	1818.33	600	1983.33	573.27	2090	573.27	2228	590		
2320	600	2726.25	600	3288.75	601.33	3570	603.07	3642.03	603.24		
3788.75	605.91	4007.5	608.15	4070	609.13	4163.75	611.14	4192.88	611.54		
4288.75	611.33	4413.75	611.33	4507.5	612.67	4523.39	612.67	4633.56	604		
4663.75	604	4853.9	605.83	4913.75	608.75	4976.25	611.21	5007.5	611.51		
5070	613.97	5074.24	614.25	5349.66	708.5	5413.75	710.27	5570	710.27		
5570	710.53										

Manning's n Values			num= 3		
Sta	n Val	Sta	n Val	Sta	n Val
0	.15	1818.33	.15	2320	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff	Contr.	Expan.
	1818.33	2320		57.54	57.54		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.55	Element	Left OB	Channel	Right OB
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Vel Head (ft)	0.03	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.52	Reach Len. (ft)	57.54	57.54	57.54
Crit W.S. (ft)		Flow Area (sq ft)	187530.50	88579.15	467214.00
E.G. Slope (ft/ft)	0.000024	Area (sq ft)	187530.50	88579.15	467214.00
Q Total (cfs)	943969.10	Flow (cfs)	195951.60	134546.20	613471.30
Top width (ft)	5570.00	Top width (ft)	1818.33	501.67	3250.00
Vel Total (ft/s)	1.27	Avg. Vel. (ft/s)	1.04	1.52	1.31
Max Chl Dpth (ft)	187.25	Hydr. Depth (ft)	103.13	176.57	143.76
Conv. Total (cfs)	192812200.0	Conv. (cfs)	40024470.0	27481990.0	125305800.0
Length Wtd. (ft)	57.54	Wetted Per. (ft)	1875.20	505.37	3316.57
Min Ch El (ft)	573.27	Shear (lb/sq ft)	0.15	0.26	0.21
Alpha	1.04	Stream Power (lb/ft s)	0.16	0.40	0.28
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	11420.71	3712.59	16857.71
C & E Loss (ft)		Cum SA (acres)	98.31	20.64	115.36

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
REACH: PALUXY RIVER RS: 7137.6*

INPUT

Description:

Station	Elevation	Data	num=	51						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta
0	715.6	202.44	702.14	342.22	700.15	354.27	699.81	379.58	690.08	
385	689.75	427.78	687.78	727.22	669.97	784.46	667.15	809.77	648.41	
910.99	648.09	983.89	641.14	1012.21	638.45	1113.43	638.13	1197.78	649.53	
1214.65	651.76	1283.33	645.28	1454.44	630.18	1540	621.97	1582.78	618.2	
1625.56	615.09	1796.67	600	1966.67	573.13	2070	573.13	2214	590	
2310	600	2697.5	600	3234.04	600.67	3502.31	601.53	3571.02	601.62	
3710.96	604.29	3919.62	607.39	3979.23	608.45	4068.65	610.31	4096.44	610.77	
4187.88	610.67	4307.12	610.67	4396.54	611.33	4411.7	611.33	4516.78	602	
4545.58	602	4726.95	602.91	4784.04	605.74	4843.65	608.38	4873.46	609.24	
4933.08	611.89	4937.12	612.12	5199.83	709.25	5260.96	710.13	5410	710.13	
5410	710.27									

Manning's n	Values	num=	3			
Sta	n Val	Sta	n Val	Sta	n Val	
0	.15	1796.67	.15	2310	.15	

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	1796.67	2310		57.54	57.54	57.54		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.54	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.03	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.52	Reach Len. (ft)	57.54	57.54	57.54
Crit W.S. (ft)		Flow Area (sq ft)	182746.20	90592.54	448498.00
E.G. Slope (ft/ft)	0.000025	Area (sq ft)	182746.20	90592.54	448498.00
Q Total (cfs)	943967.90	Flow (cfs)	194555.70	141564.00	607848.10
Top width (ft)	5410.00	Top width (ft)	1796.67	513.33	3100.00
Vel Total (ft/s)	1.31	Avg. Vel. (ft/s)	1.06	1.56	1.36
Max Chl Dpth (ft)	187.39	Hydr. Depth (ft)	101.71	176.48	144.68
Conv. Total (cfs)	187398600.0	Conv. (cfs)	38623630.0	28103600.0	120671300.0
Length Wtd. (ft)	57.54	Wetted Per. (ft)	1854.37	516.94	3168.48
Min Ch El (ft)	573.13	Shear (lb/sq ft)	0.16	0.28	0.22
Alpha	1.04	Stream Power (lb/ft s)	0.17	0.43	0.30
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	11176.15	3594.26	16252.91
C & E Loss (ft)		Cum SA (acres)	95.92	19.97	111.17

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
REACH: PALUXY RIVER RS: 7080

INPUT

Description:

Station	Elevation	Data	num=	23					
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	716	200	702	350	700	375	690	775	670

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800	650	900	650	1000	640	1100	640	1200	655
1775	600	1950	573	2050	573	2200	590	2300	600
3500	600	4000	610	4300	610	4400	600	4600	600
4800	610	5050	710	5250	710				
Manning's n Values									
Sta	n Val	Sta	num=	3	Sta	n Val			
0	.15	1775	n Val	2300	n Val	.15			
Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	1775	2300		14.97	14.97	14.97		.1	.3
CROSS SECTION OUTPUT Profile #Max WS									
E.G. Elev (ft)		760.54	Element		Left OB	Channel	Right OB		
Vel Head (ft)		0.03	wt. n-val.		0.150	0.150	0.150		
W.S. Elev (ft)		760.51	Reach Len. (ft)		14.97	14.97	14.97		
Crit W.S. (ft)			Flow Area (sq ft)		178018.30	92605.41	429505.40		
E.G. Slope (ft/ft)		0.000027	Area (sq ft)		178018.30	92605.41	429505.40		
Q Total (cfs)		943966.90	Flow (cfs)		193324.80	149077.60	601564.40		
Top Width (ft)		5250.00	Top width (ft)		1775.00	525.00	2950.00		
Vel Total (ft/s)		1.35	Avg. Vel. (ft/s)		1.09	1.61	1.40		
Max Chl Dpth (ft)		187.51	Hydr. Depth (ft)		100.29	176.39	145.60		
Conv. Total (cfs)		181884600.0	Conv. (cfs)		37250040.0	28724440.0	115910100.0		
Length Wtd. (ft)		14.97	Wetted Per. (ft)		1833.70	528.53	3020.62		
Min Ch El (ft)		573.00	Shear (lb/sq ft)		0.16	0.29	0.24		
Alpha		1.05	Stream Power (lb/ft s)		0.18	0.47	0.33		
Frctn Loss (ft)		0.00	Cum volume (acre-ft)		10937.88	3473.26	15673.02		
C & E Loss (ft)			Cum SA (acres)		93.56	19.28	107.17		

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
REACH: PALUXY RIVER RS: 7065.01*

INPUT

Description:

Station Elevation Data			num= 39						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	715.73	75.72	710.48	200.49	701.77	350.86	699.71	375.92	689.77
378.59	689.64	643.6	676.52	757.17	670.75	757.17	670.6	776.9	669.62
801.96	649.77	889.68	649.77	902.21	649.76	946.47	645.35	1002.45	639.8
1022.18	639.8	1060.04	639.77	1102.7	639.76	1202.94	654.6	1249.34	650.19
1779.36	599.92	1953.79	572.98	2053.98	572.98	2203.3	589.94	2302.84	599.92
2924.2	600.02	3172.74	600.07	3499.22	600.07	3504.13	600.17	3835.53	606.7
3918.37	608.34	3997.71	609.91	4296.81	609.86	4332.61	606.29	4396.5	599.99
4595.9	600.16	4795.3	610.25	5044.54	709.71	5243.94	709.88		

Manning's n values		num= 3	
Sta	n val	Sta	n val
0	.15 1779.36	.15 2302.84	.15

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	1779.36	2302.84		14.97	14.97	14.97		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.54	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.03	Wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.51	Reach Len. (ft)	14.97	14.97	14.97
Crit W.S. (ft)		Flow Area (sq ft)	178872.00	92367.20	428231.20
E.G. Slope (ft/ft)	0.000027	Area (sq ft)	178872.00	92367.20	428231.20
Q Total (cfs)	943966.60	Flow (cfs)	194738.20	148869.30	600359.10
Top width (ft)	5243.94	Top width (ft)	1779.36	523.48	2941.10
Vel total (ft/s)	1.35	Avg. vel. (ft/s)	1.09	1.61	1.40
Max chl dpth (ft)	187.53	Hydr. Depth (ft)	100.53	176.45	145.60
Conv. Total (cfs)	181708000.0	Conv. (cfs)	37485940.0	28656450.0	115565600.0
Length Wtd. (ft)	14.97	Wetted Per. (ft)	1838.27	527.01	3011.68
Min Ch El (ft)	572.98	Shear (lb/sq ft)	0.16	0.30	0.24
Alpha	1.05	Stream Power (lb/ft s)	0.18	0.48	0.34
Frctn Loss (ft)	0.00	Cum volume (acre-ft)	10876.56	3441.47	15525.63
C & E Loss (ft)		Cum SA (acres)	92.95	19.10	106.16

Warning: The cross-section end points had to be extended vertically for the computed water surface.

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CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 7050.03*

INPUT

Description:

Station Elevation Data			num= 39		
Sta	Elev	Sta	Elev	Sta	Elev
0	715.45	75.9	710.25	200.98	701.54
379.51	689.41	645.17	676.4	759.03	670.51
803.93	649.55	891.86	649.55	904.42	649.53
1024.69	639.59	1062.64	639.55	1105.4	639.51
1783.71	599.83	1957.58	572.97	2057.95	572.97
2925.16	600.05	3172.95	600.14	3498.44	600.14
3916.33	608.28	3995.42	609.82	4293.61	609.72
4591.8	600.31	4790.59	610.5	5039.09	709.42

Manning's n Values

num= 3		
Sta	n Val	Sta
0	.15	1783.71
		.15

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	1783.71	2305.68		14.97	14.97	14.97		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.54	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.03	wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.51	Reach Len. (ft)	14.97	14.97	14.97
Crit W.S. (ft)		Flow Area (sq ft)	179726.60	92129.05	426963.00
E.G. Slope (ft/ft)	0.000027	Area (sq ft)	179726.60	92129.05	426963.00
Q Total (cfs)	943966.30	Flow (cfs)	196154.10	148657.30	599155.00
Top width (ft)	5237.88	Top width (ft)	1783.71	521.97	2932.20
Vel Total (ft/s)	1.35	Avg. Vel. (ft/s)	1.09	1.61	1.40
Max Chl Dpth (ft)	187.54	Hydr. Depth (ft)	100.76	176.50	145.61
Conv. Total (cfs)	181534500.0	Conv. (cfs)	37722460.0	28588340.0	115223700.0
Length wtd. (ft)	14.97	wetted Per. (ft)	1842.84	525.49	3002.75
Min Ch El (ft)	572.97	Shear (lb/sq ft)	0.16	0.30	0.24
Alpha	1.05	Stream Power (lb/ft s)	0.18	0.48	0.34
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	10814.94	3409.77	15378.68
C & E Loss (ft)		Cum SA (acres)	92.34	18.92	105.15

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 7035.04*

INPUT

Description:

Station Elevation Data			num= 39		
Sta	Elev	Sta	Elev	Sta	Elev
0	715.18	76.09	710.01	201.47	701.31
380.44	689.19	646.75	676.27	760.88	670.28
805.89	649.32	894.03	649.32	906.63	649.29
1027.19	639.39	1065.23	639.32	1108.1	639.27
1788.07	599.75	1961.36	572.95	2061.93	572.95
2926.12	600.07	3173.16	600.2	3497.66	600.2
3914.28	608.22	3993.13	609.73	4290.42	609.59
4587.7	600.47	4785.89	610.76	5033.63	709.12

Manning's n Values

num= 3		
Sta	n Val	Sta
0	.15	1788.07
		.15

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	1788.07	2308.52		14.97	14.97	14.97		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.54	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.03	wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.51	Reach Len. (ft)	14.97	14.97	14.97

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Crit W.S. (ft)		Flow Area (sq ft)	180585.20	91891.92	425691.50
E.G. Slope (ft/ft)	0.000027	Area (sq ft)	180585.20	91891.92	425691.50
Q Total (cfs)	943966.10	Flow (cfs)	197579.10	148447.80	597939.10
Top width (ft)	5231.82	Top width (ft)	1788.07	520.45	2923.30
Vel Total (ft/s)	1.35	Avg. Vel. (ft/s)	1.09	1.62	1.40
Max Chl Dpth (ft)	187.56	Hydr. Depth (ft)	100.99	176.56	145.62
Conv. Total (cfs)	181361800.0	Conv. (cfs)	37960380.0	28520910.0	114880500.0
Length wtd. (ft)	14.97	wetted Per. (ft)	1847.42	523.97	2993.81
Min Ch El (ft)	572.95	Shear (lb/sq ft)	0.17	0.30	0.24
Alpha	1.05	Stream Power (lb/ft s)	0.18	0.48	0.34
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	10753.02	3378.15	15232.17
C & E Loss (ft)		Cum SA (acres)	91.73	18.74	104.14

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 7020.06*

INPUT

Description:

Station	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	714.91	76.27	709.78	201.96	701.08	353.44	698.84	378.68	689.1
381.37	688.96	648.32	676.14	762.73	670.05	762.73	669.44	782.61	668.48
807.85	649.09	896.21	649.09	908.83	649.06	953.42	644.66	1009.82	639.2
1029.69	639.18	1067.83	639.09	1110.8	639.02	1211.78	653.41	1258.51	649.04
1792.42	599.67	1965.15	572.94	2065.91	572.94	2213.18	589.75	2311.36	599.67
2927.08	600.09	3173.37	600.27	3496.88	600.27	3501.75	600.37	3830.13	606.54
3912.23	608.15	3990.84	609.64	4287.22	609.45	4322.71	605.94	4386.02	599.95
4583.6	600.63	4781.19	611.01	5028.17	708.83	5225.76	709.52		

Manning's n	Values	num=	3
Sta	n Val	Sta	n Val
0	.15	1792.42	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff	Contr.	Expan.
	1792.42	2311.36		14.97	14.97		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.54	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.03	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.51	Reach Len. (ft)	14.97	14.97	14.97
Crit W.S. (ft)		Flow Area (sq ft)	181443.40	91652.20	424418.00
E.G. Slope (ft/ft)	0.000027	Area (sq ft)	181443.40	91652.20	424418.00
Q Total (cfs)	943965.80	Flow (cfs)	199010.40	148231.70	596723.60
Top width (ft)	5225.76	Top width (ft)	1792.42	518.94	2914.40
Vel Total (ft/s)	1.35	Avg. Vel. (ft/s)	1.10	1.62	1.41
Max Chl Dpth (ft)	187.57	Hydr. Depth (ft)	101.23	176.61	145.63
Conv. Total (cfs)	181186600.0	Conv. (cfs)	38198440.0	28451880.0	114536300.0
Length wtd. (ft)	14.97	wetted Per. (ft)	1852.00	522.45	2984.87
Min Ch El (ft)	572.94	Shear (lb/sq ft)	0.17	0.30	0.24
Alpha	1.05	Stream Power (lb/ft s)	0.18	0.48	0.34
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	10690.82	3346.61	15086.09
C & E Loss (ft)		Cum SA (acres)	91.11	18.56	103.14

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 7005.07*

INPUT

Description:

Station	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	714.64	76.46	709.55	202.45	700.85	354.29	698.55	379.6	688.87
382.29	688.74	649.9	676.02	764.59	669.81	764.59	669.05	784.51	668.11
809.82	648.86	898.39	648.86	911.04	648.82	955.73	644.43	1012.27	639
1032.19	638.98	1070.42	638.86	1113.5	638.78	1214.72	653.01	1261.57	648.66
1796.78	599.58	1968.94	572.92	2069.89	572.92	2216.48	589.69	2314.2	599.58
2928.04	600.11	3173.58	600.34	3496.1	600.34	3500.96	600.44	3828.33	606.49

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 3910.18 608.09 3988.56 609.56 4284.03 609.31 4319.4 605.82 4382.52 599.93
 4579.5 600.79 4776.49 611.26 5022.71 708.54 5219.7 709.39

Manning's n values num= 3
 Sta n Val Sta n Val Sta n Val
 0 .15 1796.78 .15 2314.2 .15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
 1796.78 2314.2 14.97 14.97 14.97 .1 .3

CROSS SECTION OUTPUT Profile #Max WS

		Element	Left OB	Channel	Right OB
E.G. Elev (ft)	760.54	wt. n-Val.	0.150	0.150	0.150
Vel Head (ft)	0.03	Reach Len. (ft)	14.97	14.97	14.97
W.S. Elev (ft)	760.51	Flow Area (sq ft)	182304.30	91414.69	423147.60
Crit W.S. (ft)		Area (sq ft)	182304.30	91414.69	423147.60
E.G. Slope (ft/ft)	0.000027	Flow (cfs)	200445.90	148020.10	595499.50
Q Total (cfs)	943965.50	Top width (ft)	1796.78	517.42	2905.50
Top width (ft)	5219.70	Avg. Vel. (ft/s)	1.10	1.62	1.41
Vel Total (ft/s)	1.35	Hydr. Depth (ft)	101.46	176.67	145.64
Max Chl Dpth (ft)	187.59	Conv. (cfs)	38437540.0	28384360.0	114193100.0
Conv. Total (cfs)	181015000.0	wetted Per. (ft)	1856.58	520.93	2975.95
Length wtd. (ft)	14.97	Shear (lb/sq ft)	0.17	0.30	0.24
Min Ch El (ft)	572.92	Stream Power (lb/ft s)	0.18	0.48	0.34
Alpha	1.04	Cum Volume (acre-ft)	10628.31	3315.16	14940.45
Frctn Loss (ft)	0.00	Cum SA (acres)	90.49	18.38	102.14
C & E Loss (ft)					

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 6990.09*

INPUT

Description:

Station Elevation Data num= 39

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	714.36	76.64	709.32	202.94	700.63	355.15	698.27	380.52	688.64
383.22	688.51	651.47	675.89	766.44	669.58	766.44	668.67	786.41	667.73
811.78	648.64	900.57	648.64	913.25	648.59	958.05	644.19	1014.72	638.8
1034.7	638.77	1073.02	638.64	1116.2	638.53	1217.67	652.61	1264.63	648.27
1801.14	599.5	1972.73	572.91	2073.86	572.91	2219.77	589.63	2317.05	599.5
2929	600.14	3173.78	600.41	3495.32	600.41	3500.16	600.5	3826.54	606.44
3908.13	608.03	3986.27	609.47	4280.84	609.17	4316.1	605.71	4379.03	599.92
4575.4	600.94	4771.78	611.51	5017.26	708.25	5213.64	709.27		

Manning's n values num= 3
 Sta n Val Sta n Val Sta n Val
 0 .15 1801.14 .15 2317.05 .15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
 1801.14 2317.05 14.97 14.97 14.97 .1 .3

CROSS SECTION OUTPUT Profile #Max WS

		Element	Left OB	Channel	Right OB
E.G. Elev (ft)	760.54	wt. n-Val.	0.150	0.150	0.150
Vel Head (ft)	0.03	Reach Len. (ft)	14.97	14.97	14.97
W.S. Elev (ft)	760.51	Flow Area (sq ft)	183168.10	91174.52	421870.30
Crit W.S. (ft)		Area (sq ft)	183168.10	91174.52	421870.30
E.G. Slope (ft/ft)	0.000027	Flow (cfs)	201893.80	147801.60	594270.00
Q Total (cfs)	943965.30	Top width (ft)	1801.14	515.91	2896.59
Top width (ft)	5213.64	Avg. Vel. (ft/s)	1.10	1.62	1.41
Vel Total (ft/s)	1.36	Hydr. Depth (ft)	101.70	176.73	145.64
Max Chl Dpth (ft)	187.60	Conv. (cfs)	38677830.0	28315110.0	113847400.0
Conv. Total (cfs)	180840300.0	wetted Per. (ft)	1861.18	519.41	2967.01
Length wtd. (ft)	14.97	Shear (lb/sq ft)	0.17	0.30	0.24
Min Ch El (ft)	572.91	Stream Power (lb/ft s)	0.18	0.48	0.34
Alpha	1.04	Cum Volume (acre-ft)	10565.51	3283.78	14795.25
Frctn Loss (ft)	0.00	Cum SA (acres)	89.88	18.21	101.14
C & E Loss (ft)					

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

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RIVER: PALUXY
 REACH: PALUXY RIVER RS: 6975.10*

INPUT

Description:

Station Elevation Data			num= 39			Sta Elev			Sta Elev		
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	714.09	76.83	709.08	203.44	700.4	356.01	697.98	381.44	688.42		
384.15	688.28	653.05	675.77	768.29	669.34	768.29	668.28	788.31	667.35		
813.74	648.41	902.75	648.41	915.46	648.35	960.37	643.96	1017.18	638.6		
1037.2	638.57	1075.61	638.41	1118.9	638.29	1220.61	652.21	1267.69	647.89		
1805.49	599.42	1976.52	572.89	2077.84	572.89	2223.07	589.57	2319.89	599.42		
2929.96	600.16	3173.99	600.48	3494.54	600.48	3499.37	600.57	3824.74	606.39		
3906.08	607.96	3983.98	609.38	4277.64	609.03	4312.8	605.59	4375.53	599.91		
4571.31	601.1	4767.08	611.77	5011.8	707.96	5207.58	709.15				

Manning's n values			num= 3		
Sta	n Val	Sta	n Val	Sta	n Val
0	.15	1805.49	.15	2319.89	.15

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	1805.49	2319.89		14.97	14.97	14.97		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.53	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.03	wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.50	Reach Len. (ft)	14.97	14.97	14.97
Crit W.S. (ft)		Flow Area (sq ft)	184031.10	90937.04	420594.60
E.G. Slope (ft/ft)	0.000027	Area (sq ft)	184031.10	90937.04	420594.60
Q Total (cfs)	943965.00	Flow (cfs)	203343.30	147587.80	593034.00
Top width (ft)	5207.58	Top width (ft)	1805.49	514.40	2887.69
Vel Total (ft/s)	1.36	Avg. Vel. (ft/s)	1.10	1.62	1.41
Max Chl Dpth (ft)	187.61	Hydr. Depth (ft)	101.93	176.78	145.65
Conv. Total (cfs)	180667600.0	Conv. (cfs)	38918330.0	28247160.0	113502100.0
Length wtd. (ft)	14.97	wetted Per. (ft)	1865.75	517.90	2958.07
Min Ch El (ft)	572.89	Shear (lb/sq ft)	0.17	0.30	0.24
Alpha	1.04	Stream Power (lb/ft s)	0.19	0.49	0.34
Frctn Loss (ft)	0.00	Cum volume (acre-ft)	10502.42	3252.49	14650.49
C & E Loss (ft)		Cum SA (acres)	89.26	18.03	100.15

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 6960.12*

INPUT

Description:

Station Elevation Data			num= 39			Sta Elev			Sta Elev		
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	713.82	77.01	708.85	203.93	700.17	356.87	697.69	382.36	688.19		
385.07	688.06	654.63	675.64	770.15	669.11	770.15	667.89	790.22	666.97		
815.71	648.18	904.92	648.18	917.67	648.11	962.69	643.73	1019.63	638.4		
1039.7	638.36	1078.21	638.18	1121.6	638.05	1223.56	651.82	1270.74	647.51		
1809.85	599.33	1980.3	572.88	2081.82	572.88	2226.36	589.5	2322.73	599.33		
2930.92	600.18	3174.2	600.55	3493.76	600.55	3498.57	600.64	3822.94	606.34		
3904.03	607.9	3981.69	609.29	4274.45	608.9	4309.5	605.47	4372.03	599.89		
4567.21	601.26	4762.38	612.02	5006.34	707.66	5201.52	709.03				

Manning's n values			num= 3		
Sta	n Val	Sta	n Val	Sta	n Val
0	.15	1809.85	.15	2322.73	.15

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	1809.85	2322.73		14.97	14.97	14.97		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.53	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.03	wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.50	Reach Len. (ft)	14.97	14.97	14.97
Crit W.S. (ft)		Flow Area (sq ft)	184899.30	90697.64	419324.70
E.G. Slope (ft/ft)	0.000027	Area (sq ft)	184899.30	90697.64	419324.70

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Q Total (cfs)	943964.70	Flow (cfs)	204799.80	147368.10	591796.80	
Top width (ft)	5201.52	Top width (ft)	1809.85	512.88	2878.79	
Vel Total (ft/s)	1.36	Avg. Vel. (ft/s)	1.11	1.62	1.41	
Max Chl Dpth (ft)	187.62	Hydr. Depth (ft)	102.16	176.84	145.66	
Conv. Total (cfs)	180498700.0	Conv. (cfs)	39160460.0	28178760.0	113159500.0	
Length Wtd. (ft)	14.97	Wetted Per. (ft)	1870.35	516.37	2949.14	
Min Ch El (ft)	572.88	Shear (lb/sq ft)	0.17	0.30	0.24	
Alpha	1.04	Stream Power (lb/ft s)	0.19	0.49	0.34	
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	10439.02	3221.28	14506.16	
C & E Loss (ft)		Cum SA (acres)	88.63	17.85	99.16	

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
REACH: PALUXY RIVER RS: 6945.13*

INPUT

Description:

Station Elevation Data			num=	39			
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	713.55	77.2	708.62	204.42	699.94	357.73	697.4
386	687.83	656.2	675.51	772	668.87	772	667.51
817.67	647.95	907.1	647.95	919.88	647.88	965	643.5
1042.2	638.16	1080.8	637.95	1124.3	637.8	1226.5	651.42
1814.2	599.25	1984.09	572.86	2085.8	572.86	2229.66	589.44
2931.88	600.2	3174.41	600.61	3492.98	600.61	3497.78	600.71
3901.98	607.84	3979.4	609.2	4271.25	608.76	4306.19	605.36
4563.11	601.42	4757.68	612.27	5000.89	707.37	5195.45	708.91

Manning's n Values

Sta	n val	Sta	n val
0	.15	1814.2	.15

Bank Sta: Left	Right	Lengths: Left	Channel	Right	Coeff Contr.	Expan.
1814.2	2325.57	14.97	14.97	14.97	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)		760.53	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.03	wt. n-val.	0.150	0.150	0.150	
W.S. Elev (ft)	760.50	Reach Len. (ft)	14.97	14.97	14.97	
Crit w.s. (ft)		Flow Area (sq ft)	185768.10	90459.85	418053.80	
E.G. Slope (ft/ft)	0.000027	Area (sq ft)	185768.10	90459.85	418053.80	
Q Total (cfs)	943964.40	Flow (cfs)	206262.60	147148.80	590552.90	
Top width (ft)	5195.45	Top width (ft)	1814.20	511.37	2869.88	
Vel Total (ft/s)	1.36	Avg. Vel. (ft/s)	1.11	1.63	1.41	
Max Chl Dpth (ft)	187.64	Hydr. Depth (ft)	102.40	176.90	145.67	
Conv. Total (cfs)	180330600.0	Conv. (cfs)	39403470.0	28110640.0	112816500.0	
Length Wtd. (ft)	14.97	Wetted Per. (ft)	1874.92	514.86	2940.20	
Min Ch El (ft)	572.86	Shear (lb/sq ft)	0.17	0.30	0.24	
Alpha	1.04	Stream Power (lb/ft s)	0.19	0.49	0.34	
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	10375.33	3190.15	14362.27	
C & E Loss (ft)		Cum SA (acres)	88.01	17.68	98.17	

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
REACH: PALUXY RIVER RS: 6930.15*

INPUT

Description:

Station Elevation Data			num=	39			
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	713.27	77.39	708.39	204.91	699.71	358.59	697.11
386.93	687.6	657.78	675.39	773.86	668.64	773.86	667.12
819.63	647.73	909.28	647.73	922.09	647.64	967.32	643.27
1044.71	637.95	1083.4	637.73	1127	637.56	1229.45	651.02
1818.56	599.17	1987.88	572.85	2089.77	572.85	2232.95	589.38
2932.84	600.23	3174.62	600.68	3492.2	600.68	3496.98	600.77
3899.94	607.77	3977.11	609.11	4268.06	608.62	4302.89	605.24
4559.01	601.57	4752.97	612.52	4995.43	707.08	5189.39	708.79

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Manning's n Values num= 3
 Sta n Val Sta n Val
 0 .15 1818.56 .15 2328.41 .15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
 1818.56 2328.41 14.97 14.97 14.97 .1 .3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.53	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.03	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.50	Reach Len. (ft)	14.97	14.97	14.97
Crit W.S. (ft)		Flow Area (sq ft)	186639.30	90217.28	416778.30
E.G. Slope (ft/ft)	0.000027	Area (sq ft)	186639.30	90217.28	416778.30
Q Total (cfs)	943964.20	Flow (cfs)	207735.60	146921.80	589306.80
Top width (ft)	5189.39	Top width (ft)	1818.56	509.85	2860.98
Vel Total (ft/s)	1.36	Avg. Vel. (ft/s)	1.11	1.63	1.41
Max Chl Dpth (ft)	187.65	Hydr. Depth (ft)	102.63	176.95	145.68
Conv. Total (cfs)	180158800.0	Conv. (cfs)	39647050.0	28040530.0	112471200.0
Length wtd. (ft)	14.97	wetted Per. (ft)	1879.52	513.34	2931.27
Min Ch El (ft)	572.85	Shear (lb/sq ft)	0.17	0.30	0.24
Alpha	1.04	Stream Power (lb/ft s)	0.19	0.49	0.34
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	10311.34	3159.10	14218.82
C & E Loss (ft)		Cum SA (acres)	87.39	17.50	97.19

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 6915.16*

INPUT

Description:

Station	Elevation	Data	num=	39	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	713	77.57	708.15	205.4	699.48	359.45	696.82	385.12	687.51				
387.85	687.38	659.35	675.26	775.71	668.4	775.71	666.74	795.92	665.83				
821.6	647.5	911.46	647.5	924.3	647.41	969.64	643.04	1027	637.79				
1047.21	637.75	1085.99	637.5	1129.69	637.31	1232.39	650.62	1279.92	646.36				
1822.92	599.08	1991.67	572.83	2093.75	572.83	2236.25	589.32	2331.25	599.08				
2933.8	600.25	3174.82	600.75	3491.42	600.75	3496.19	600.84	3817.55	606.18				
3897.89	607.71	3974.82	609.02	4264.87	608.48	4299.59	605.12	4361.55	599.85				
4554.91	601.73	4748.27	612.77	4989.97	706.79	5183.33	708.67						

Manning's n Values num= 3
 Sta n Val Sta n Val
 0 .15 1822.92 .15 2331.25 .15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
 1822.92 2331.25 14.97 14.97 14.97 .1 .3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.53	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.03	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.50	Reach Len. (ft)	14.97	14.97	14.97
Crit W.S. (ft)		Flow Area (sq ft)	187515.90	89978.77	415509.70
E.G. Slope (ft/ft)	0.000028	Area (sq ft)	187515.90	89978.77	415509.70
Q Total (cfs)	943963.90	Flow (cfs)	209215.10	146699.00	588049.80
Top width (ft)	5183.33	Top width (ft)	1822.92	508.33	2852.08
Vel Total (ft/s)	1.36	Avg. Vel. (ft/s)	1.12	1.63	1.42
Max Chl Dpth (ft)	187.67	Hydr. Depth (ft)	102.87	177.01	145.69
Conv. Total (cfs)	179994600.0	Conv. (cfs)	39893040.0	27972500.0	112129000.0
Length wtd. (ft)	14.97	wetted Per. (ft)	1884.11	511.81	2922.35
Min Ch El (ft)	572.83	Shear (lb/sq ft)	0.17	0.30	0.24
Alpha	1.04	Stream Power (lb/ft s)	0.19	0.49	0.35
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	10247.05	3128.14	14075.81
C & E Loss (ft)		Cum SA (acres)	86.76	17.33	96.20

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

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RIVER: PALUXY
 REACH: PALUXY RIVER RS: 6900.18*

INPUT

Description:

Station	Elevation	Data	num=	39	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	712.73	77.76	707.92	205.89	699.25	360.31	696.53	386.04	687.29						
388.78	687.15	660.93	675.14	777.56	668.17	777.56	666.35	797.82	665.45						
823.56	647.27	913.64	647.27	926.5	647.17	971.95	642.8	1029.45	637.59						
1049.71	637.55	1088.59	637.27	1132.39	637.07	1235.34	650.22	1282.98	645.98						
1827.27	599	1995.45	572.82	2097.73	572.82	2239.55	589.25	2334.09	599						
2934.76	600.27	3175.03	600.82	3490.64	600.82	3495.39	600.91	3815.75	606.13						
3895.84	607.64	3972.53	608.93	4261.67	608.34	4296.29	605.01	4358.05	599.84						
4550.81	601.89	4743.57	613.03	4984.51	706.5	5177.27	708.55								

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	1827.27	.15	2334.09	.15

Bank Sta: Left	Right	Lengths: Left	Channel	Right	Coeff Contr.	Expan.
1827.27	2334.09	14.97	14.97	14.97	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.53	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.03	wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.50	Reach Len. (ft)	14.97	14.97	14.97
Crit W.S. (ft)		Flow Area (sq ft)	188388.20	89739.23	414232.30
E.G. Slope (ft/ft)	0.000028	Area (sq ft)	188388.20	89739.23	414232.30
Q Total (cfs)	943963.60	Flow (cfs)	210697.20	146476.20	586790.20
Top width (ft)	5177.27	Top width (ft)	1827.27	506.82	2843.18
Vel Total (ft/s)	1.36	Avg. Vel. (ft/s)	1.12	1.63	1.42
Max Chl Dpth (ft)	187.68	Hydr. Depth (ft)	103.10	177.06	145.69
Conv. Total (cfs)	179824100.0	Conv. (cfs)	40137610.0	27903580.0	111783000.0
Length wtd. (ft)	14.97	wetted Per. (ft)	1888.70	510.30	2913.42
Min Ch El (ft)	572.82	Shear (lb/sq ft)	0.17	0.30	0.24
Alpha	1.04	Stream Power (lb/ft s)	0.19	0.49	0.35
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	10182.45	3097.26	13933.23
C & E Loss (ft)		Cum SA (acres)	86.13	17.15	95.23

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 6885.19*

INPUT

Description:

Station	Elevation	Data	num=	39	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	712.45	77.94	707.69	206.38	699.02	361.17	696.24	386.96	687.06						
389.71	686.93	662.5	675.01	779.42	667.93	779.42	665.96	799.73	665.08						
825.52	647.05	915.81	647.05	928.71	646.94	974.27	642.57	1031.9	637.39						
1052.21	637.34	1091.18	637.05	1135.09	636.82	1238.28	649.82	1286.04	645.59						
1831.63	598.92	1999.24	572.8	2101.7	572.8	2242.84	589.19	2336.93	598.92						
2935.72	600.3	3175.24	600.89	3489.86	600.89	3494.6	600.98	3813.95	606.08						
3893.79	607.58	3970.25	608.85	4258.48	608.21	4292.98	604.89	4354.56	599.82						
4546.71	602.04	4738.86	613.28	4979.06	706.2	5171.21	708.42								

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	1831.63	.15	2336.93	.15

Bank Sta: Left	Right	Lengths: Left	Channel	Right	Coeff Contr.	Expan.
1831.63	2336.93	14.97	14.97	14.97	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.53	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.03	wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.50	Reach Len. (ft)	14.97	14.97	14.97
Crit W.S. (ft)		Flow Area (sq ft)	189267.00	89498.80	412955.70
E.G. Slope (ft/ft)	0.000028	Area (sq ft)	189267.00	89498.80	412955.70
Q Total (cfs)	943963.40	Flow (cfs)	212191.50	146250.30	585521.50
Top width (ft)	5171.21	Top width (ft)	1831.63	505.30	2834.28

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Vel Total (ft/s)	1.36	Avg. Vel. (ft/s)	1.12	1.63	1.42	
Max chl Dpth (ft)	187.70	Hydr. Depth (ft)	103.33	177.12	145.70	
Conv. Total (cfs)	179655900.0	Conv. (cfs)	40384450.0	27834480.0	111436900.0	
Length wtd. (ft)	14.97	wetted Per. (ft)	1893.31	508.77	2904.50	
Min Ch El (ft)	572.80	Shear (lb/sq ft)	0.17	0.30	0.25	
Alpha	1.04	Stream Power (lb/ft s)	0.19	0.50	0.35	
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	10117.56	3066.46	13791.09	
C & E Loss (ft)		Cum SA (acres)	85.51	16.98	94.25	

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 6870.21*

INPUT

Description:

Station	Elevation	Data	num=	39						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta
0	712.18	78.13	707.46	206.87	698.79	362.03	695.95	387.88	686.84	
390.64	686.7	664.08	674.88	781.27	667.7	781.27	665.58	801.63	664.7	
827.49	646.82	917.99	646.82	930.92	646.7	976.59	642.34	1034.36	637.19	
1054.71	637.14	1093.78	636.82	1137.79	636.58	1241.23	649.43	1289.1	645.21	
1835.98	598.83	2003.03	572.79	2105.68	572.79	2246.14	589.13	2339.77	598.83	
2936.68	600.32	3175.45	600.95	3489.08	600.95	3493.8	601.04	3812.15	606.03	
3891.74	607.52	3967.96	608.76	4255.28	608.07	4289.68	604.77	4351.06	599.81	
4542.61	602.2	4734.16	613.53	4973.6	705.91	5165.15	708.3			

Manning's n values	num=	3
Sta	n Val	Sta
0	.15	1835.98
	.15	2339.77
	.15	

Bank Sta: Left	Right	Lengths: Left	Channel	Right	Coeff Contr.	Expan.
1835.98	2339.77	14.97	14.97	14.97	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.53	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.03	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.50	Reach Len. (ft)	14.97	14.97	14.97
Crit W.S. (ft)		Flow Area (sq ft)	190146.60	89258.97	411689.30
E.G. Slope (ft/ft)	0.000028	Area (sq ft)	190146.60	89258.97	411689.30
Q Total (cfs)	943963.10	Flow (cfs)	213686.20	146020.00	584256.90
Top Width (ft)	5165.15	Top Width (ft)	1835.98	503.79	2825.38
Vel Total (ft/s)	1.37	Avg. Vel. (ft/s)	1.12	1.64	1.42
Max chl Dpth (ft)	187.71	Hydr. Depth (ft)	103.57	177.17	145.71
Conv. Total (cfs)	179493300.0	Conv. (cfs)	40632150.0	27765510.0	111095700.0
Length wtd. (ft)	14.97	wetted Per. (ft)	1897.90	507.26	2895.57
Min Ch El (ft)	572.79	Shear (lb/sq ft)	0.17	0.30	0.25
Alpha	1.04	Stream Power (lb/ft s)	0.19	0.50	0.35
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	10052.36	3035.74	13649.39
C & E Loss (ft)		Cum SA (acres)	84.88	16.80	93.28

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 6855.22*

INPUT

Description:

Station	Elevation	Data	num=	39						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta
0	711.91	78.31	707.22	207.36	698.56	362.88	695.66	388.8	686.61	
391.56	686.47	665.66	674.76	783.12	667.46	783.12	665.19	803.53	664.32	
829.45	646.59	920.17	646.59	933.13	646.47	978.9	642.11	1036.81	636.99	
1057.22	636.93	1096.37	636.59	1140.49	636.33	1244.17	649.03	1292.15	644.83	
1840.34	598.75	2006.82	572.77	2109.66	572.77	2249.43	589.07	2342.61	598.75	
2937.64	600.34	3175.66	601.02	3488.3	601.02	3493.01	601.11	3810.36	605.98	
3889.69	607.45	3965.67	608.67	4252.09	607.93	4286.38	604.66	4347.56	599.8	
4538.51	602.36	4729.46	613.78	4968.14	705.62	5159.09	708.18			

Manning's n values	num=	3
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Sta	n Val	Sta	n Val	Sta	n Val
0	.15	1840.34	.15	2342.61	.15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
 1840.34 2342.61 14.97 14.97 14.97 .1 .3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.53	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.03	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.50	Reach Len. (ft)	14.97	14.97	14.97
Crit W.S. (ft)		Flow Area (sq ft)	191028.70	89018.29	410413.80
E.G. Slope (ft/ft)	0.000028	Area (sq ft)	191028.70	89018.29	410413.80
Q Total (cfs)	943962.80	Flow (cfs)	215192.50	145790.70	582979.60
Top width (ft)	5159.09	Top width (ft)	1840.34	502.27	2816.48
Vel Total (ft/s)	1.37	Avg. Vel. (ft/s)	1.13	1.64	1.42
Max Chl Dpth (ft)	187.73	Hydr. Depth (ft)	103.80	177.23	145.72
Conv. Total (cfs)	179327300.0	Conv. (cfs)	40880720.0	27696270.0	110750300.0
Length wtd. (ft)	14.97	wetted Per. (ft)	1902.50	505.73	2886.65
Min Ch El (ft)	572.77	Shear (lb/sq ft)	0.17	0.30	0.25
Alpha	1.04	Stream Power (lb/ft s)	0.20	0.50	0.35
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	9986.87	3005.11	13508.13
C & E Loss (ft)		Cum SA (acres)	84.24	16.63	92.31

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 6840.24*

INPUT

Description:

Station	Elevation	Data	num=	39					
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	711.64	78.5	706.99	207.85	698.33	363.74	695.37	389.72	686.39
392.49	686.25	667.23	674.63	784.98	667.23	784.98	664.8	805.43	663.94
831.41	646.36	922.35	646.36	935.34	646.23	981.22	641.88	1039.27	636.79
1059.72	636.73	1098.97	636.36	1143.19	636.09	1247.12	648.63	1295.21	644.44
1844.7	598.67	2010.61	572.76	2113.64	572.76	2252.73	589.01	2345.45	598.67
2938.6	600.36	3175.86	601.09	3487.52	601.09	3492.21	601.18	3808.56	605.93
3887.64	607.39	3963.38	608.58	4248.9	607.79	4283.08	604.54	4344.07	599.78
4534.41	602.52	4724.76	614.04	4962.69	705.33	5153.03	708.06		

Manning's n Values	num=	3			
Sta	n Val	Sta	n Val		
0	.15	1844.7	.15	2345.45	.15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
1844.7 2345.45 14.97 14.97 14.97 .1 .3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.53	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.03	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.50	Reach Len. (ft)	14.97	14.97	14.97
Crit W.S. (ft)		Flow Area (sq ft)	191913.50	88774.98	409137.40
E.G. Slope (ft/ft)	0.000028	Area (sq ft)	191913.50	88774.98	409137.40
Q Total (cfs)	943962.60	Flow (cfs)	216707.80	145554.80	581699.90
Top width (ft)	5153.03	Top width (ft)	1844.70	500.75	2807.58
Vel Total (ft/s)	1.37	Avg. Vel. (ft/s)	1.13	1.64	1.42
Max Chl Dpth (ft)	187.74	Hydr. Depth (ft)	104.04	177.28	145.73
Conv. Total (cfs)	179160700.0	Conv. (cfs)	41130360.0	27625780.0	110404500.0
Length wtd. (ft)	14.97	wetted Per. (ft)	1907.11	504.21	2877.72
Min Ch El (ft)	572.76	Shear (lb/sq ft)	0.17	0.31	0.25
Alpha	1.04	Stream Power (lb/ft s)	0.20	0.50	0.35
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	9921.06	2974.56	13367.30
C & E Loss (ft)		Cum SA (acres)	83.61	16.46	91.34

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 6825.25*

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INPUT

Description:

Station Elevation Data			num= 39			Sta Elev			Sta Elev		
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	711.36	78.68	706.76	208.34	698.11	364.6	695.08	390.65	686.16		
393.42	686.02	668.81	674.5	786.83	666.99	786.83	664.42	807.33	663.56		
833.38	646.14	924.53	646.14	937.55	645.99	983.54	641.65	1041.72	636.59		
1062.22	636.52	1101.56	636.14	1145.89	635.85	1250.06	648.23	1298.27	644.06		
1849.05	598.58	2014.39	572.74	2117.61	572.74	2256.02	588.94	2348.3	598.58		
2939.56	600.39	3176.07	601.16	3486.74	601.16	3491.42	601.24	3806.76	605.88		
3885.6	607.33	3961.09	608.49	4245.7	607.65	4279.77	604.42	4340.57	599.77		
4530.31	602.67	4720.05	614.29	4957.23	705.04	5146.97	707.94				

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	1849.05	.15	2348.3	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff	Contr.	Expan.
	1849.05	2348.3		14.97	14.97		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.53	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.03	wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.50	Reach Len. (ft)	14.97	14.97	14.97
Crit W.S. (ft)		Flow Area (sq ft)	192798.30	88539.88	407861.60
E.G. Slope (ft/ft)	0.000028	Area (sq ft)	192798.30	88539.88	407861.60
Q Total (cfs)	943962.30	Flow (cfs)	218223.50	145333.50	580405.40
Top width (ft)	5146.97	Top width (ft)	1849.05	499.25	2798.67
Vel Total (ft/s)	1.37	Avg. Vel. (ft/s)	1.13	1.64	1.42
Max Chl Dpth (ft)	187.76	Hydr. Depth (ft)	104.27	177.35	145.73
Conv. Total (cfs)	178998600.0	Conv. (cfs)	41380560.0	27558820.0	110059200.0
Length Wtd. (ft)	14.97	wetted Per. (ft)	1911.70	502.70	2868.79
Min Ch El (ft)	572.74	Shear (lb/sq ft)	0.18	0.31	0.25
Alpha	1.04	Stream Power (lb/ft s)	0.20	0.50	0.35
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	9854.96	2944.09	13226.92
C & E Loss (ft)		Cum SA (acres)	82.98	16.29	90.38

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY

REACH: PALUXY RIVER

RS: 6810.27*

INPUT

Description:

Station Elevation Data			num= 39			Sta Elev			Sta Elev		
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	711.09	78.87	706.52	208.83	697.88	365.46	694.8	391.57	685.93		
394.34	685.79	670.38	674.38	788.68	666.76	788.68	664.03	809.23	663.18		
835.34	645.91	926.7	645.91	939.76	645.76	985.86	641.41	1044.17	636.39		
1064.72	636.32	1104.16	635.91	1148.59	635.6	1253.01	647.83	1301.33	643.68		
1853.41	598.5	2018.18	572.73	2121.59	572.73	2259.32	588.88	2351.14	598.5		
2940.52	600.41	3176.28	601.23	3485.96	601.23	3490.62	601.31	3804.96	605.83		
3883.55	607.26	3958.8	608.4	4242.51	607.52	4276.47	604.31	4337.08	599.76		
4526.21	602.83	4715.35	614.54	4951.77	704.75	5140.91	707.82				

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	1853.41	.15	2351.14	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff	Contr.	Expan.
	1853.41	2351.14		14.97	14.97		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.53	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.03	wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.49	Reach Len. (ft)	14.97	14.97	14.97
Crit W.S. (ft)		Flow Area (sq ft)	193685.00	88296.29	406584.30
E.G. Slope (ft/ft)	0.000028	Area (sq ft)	193685.00	88296.29	406584.30
Q Total (cfs)	943962.10	Flow (cfs)	219749.30	145095.80	579117.10
Top width (ft)	5140.91	Top width (ft)	1853.41	497.73	2789.77
Vel Total (ft/s)	1.37	Avg. Vel. (ft/s)	1.13	1.64	1.42
Max Chl Dpth (ft)	187.76	Hydr. Depth (ft)	104.50	177.40	145.74

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Conv. Total (cfs)	178832300.0	Conv. (cfs)	41631180.0	27488180.0	109712900.0
Length Wtd. (ft)	14.97	Wetted Per. (ft)	1916.32	501.18	2859.87
Min Ch El (ft)	572.73	Shear (lb/sq ft)	0.18	0.31	0.25
Alpha	1.04	Stream Power (lb/ft s)	0.20	0.50	0.35
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	9788.55	2913.70	13086.97
C & E Loss (ft)		Cum SA (acres)	82.34	16.12	89.42

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
REACH: PALUXY RIVER RS: 6795.28*

INPUT

Description:

Station Elevation Data			num=	39						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	710.82	79.05	706.29	209.33	697.65	366.32	694.51	392.49	685.71	
395.27	685.57	671.96	674.25	790.54	666.52	790.54	663.65	811.14	662.8	
837.3	645.68	928.88	645.68	941.97	645.52	988.17	641.18	1046.63	636.19	
1067.23	636.11	1106.75	635.68	1151.29	635.36	1255.95	647.44	1304.39	643.29	
1857.77	598.42	2021.97	572.71	2125.57	572.71	2262.61	588.82	2353.98	598.42	
2941.49	600.43	3176.49	601.3	3485.18	601.3	3489.83	601.38	3803.16	605.78	
3881.5	607.2	3956.51	608.31	4239.31	607.38	4273.17	604.19	4333.58	599.74	
4522.11	602.99	4710.65	614.79	4946.31	704.45	5134.85	707.7			

Manning's n values			num=	3			
Sta	n val	Sta	n val	Sta	n val	Sta	n val
0	.15	1857.77	.15	2353.98	.15		

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff Contr.	Expan.
	1857.77	2353.98		14.97	14.97		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.52	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.03	Wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.49	Reach Len. (ft)	14.97	14.97	14.97
Crit W.S. (ft)		Flow Area (sq ft)	194575.70	88054.95	405311.30
E.G. Slope (ft/ft)	0.000028	Area (sq ft)	194575.70	88054.95	405311.30
Q Total (cfs)	943961.80	Flow (cfs)	221281.90	144859.10	577820.80
Top Width (ft)	5134.85	Top Width (ft)	1857.77	496.21	2780.87
Vel Total (ft/s)	1.37	Avg. Vel. (ft/s)	1.14	1.65	1.43
Max Chl Dpth (ft)	187.78	Hydr. Depth (ft)	104.74	177.46	145.75
Conv. Total (cfs)	178671000.0	Conv. (cfs)	41883760.0	27418610.0	109368600.0
Length Wtd. (ft)	14.97	Wetted Per. (ft)	1920.92	499.66	2850.94
Min Ch El (ft)	572.71	Shear (lb/sq ft)	0.18	0.31	0.25
Alpha	1.04	Stream Power (lb/ft s)	0.20	0.51	0.35
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	9721.83	2883.40	12947.46
C & E Loss (ft)		Cum SA (acres)	81.70	15.95	88.46

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
REACH: PALUXY RIVER RS: 6780.30*

INPUT

Description:

Station Elevation Data			num=	39						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	710.55	79.24	706.06	209.82	697.42	367.18	694.22	393.41	685.48	
396.2	685.34	673.53	674.13	792.39	666.29	792.39	663.26	813.04	662.42	
839.27	645.45	931.06	645.45	944.17	645.29	990.49	640.95	1049.08	635.99	
1069.73	635.91	1109.35	635.45	1153.99	635.11	1258.9	647.04	1307.45	642.91	
1862.12	598.33	2025.76	572.7	2129.55	572.7	2265.91	588.76	2356.82	598.33	
2942.45	600.45	3176.7	601.36	3484.4	601.36	3489.03	601.45	3801.37	605.72	
3879.45	607.13	3954.22	608.22	4236.12	607.24	4269.87	604.07	4330.08	599.73	
4518.01	603.15	4705.94	615.04	4940.86	704.16	5128.79	707.58			

Manning's n values			num=	3			
Sta	n val	Sta	n val	Sta	n val	Sta	n val
0	.15	1862.12	.15	2356.82	.15		

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Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
 1862.12 2356.82 14.97 14.97 14.97 .1 .3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.52	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.03	Wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.49	Reach Len. (ft)	14.97	14.97	14.97
Crit W.S. (ft)		Flow Area (sq ft)	195467.20	87814.13	404045.00
E.G. Slope (ft/ft)	0.000028	Area (sq ft)	195467.20	87814.13	404045.00
Q Total (cfs)	943961.50	Flow (cfs)	222815.00	144619.80	576526.70
Top width (ft)	5128.79	Top width (ft)	1862.12	494.70	2771.97
Vel Total (ft/s)	1.37	Avg. Vel. (ft/s)	1.14	1.65	1.43
Max Chl Dpth (ft)	187.79	Hydr. Depth (ft)	104.97	177.51	145.76
Conv. Total (cfs)	178513100.0	Conv. (cfs)	42136680.0	27349140.0	109027300.0
Length wtd. (ft)	14.97	Wetted Per. (ft)	1925.53	498.14	2842.02
Min Ch El (ft)	572.70	Shear (lb/sq ft)	0.18	0.31	0.25
Alpha	1.04	Stream Power (lb/ft s)	0.20	0.51	0.35
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	9654.81	2853.18	12808.39
C & E Loss (ft)		Cum SA (acres)	81.06	15.78	87.51

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 6765.31*

INPUT

Description:

Station	Elevation	Data	num=	39						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta
0	710.27	79.42	705.83	210.31	697.19	368.04	693.93	394.33	685.26	
397.12	685.12	675.11	674	794.25	666.05	794.25	662.87	814.94	662.05	
841.23	645.23	933.24	645.23	946.38	645.05	992.81	640.72	1051.54	635.79	
1072.23	635.7	1111.94	635.23	1156.69	634.87	1261.84	646.64	1310.51	642.53	
1866.48	598.25	2029.55	572.68	2133.52	572.68	2269.2	588.7	2359.66	598.25	
2943.41	600.48	3176.9	601.43	3483.62	601.43	3488.24	601.51	3799.57	605.67	
3877.4	607.07	3951.94	608.13	4232.93	607.1	4266.57	603.96	4326.59	599.72	
4513.92	603.3	4701.24	615.3	4935.4	703.87	5122.73	707.45			

Manning's n	Values	num=	3
Sta	n Val	Sta	n Val
0	.15	1866.48	.15
		2359.66	.15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
 1866.48 2359.66 14.97 14.97 14.97 .1 .3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.52	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.03	Wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.49	Reach Len. (ft)	14.97	14.97	14.97
Crit W.S. (ft)		Flow Area (sq ft)	196358.40	87572.29	402765.80
E.G. Slope (ft/ft)	0.000028	Area (sq ft)	196358.40	87572.29	402765.80
Q Total (cfs)	943961.30	Flow (cfs)	224358.80	144383.50	575219.10
Top width (ft)	5122.73	Top width (ft)	1866.48	493.18	2763.07
Vel Total (ft/s)	1.37	Avg. Vel. (ft/s)	1.14	1.65	1.43
Max Chl Dpth (ft)	187.81	Hydr. Depth (ft)	105.20	177.57	145.77
Conv. Total (cfs)	178348900.0	Conv. (cfs)	42389590.0	27279330.0	108680000.0
Length wtd. (ft)	14.97	Wetted Per. (ft)	1930.15	496.62	2833.11
Min Ch El (ft)	572.68	Shear (lb/sq ft)	0.18	0.31	0.25
Alpha	1.04	Stream Power (lb/ft s)	0.20	0.51	0.36
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	9587.48	2823.05	12669.75
C & E Loss (ft)		Cum SA (acres)	80.42	15.61	86.56

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY
 REACH: PALUXY RIVER RS: 6750.33*

INPUT

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Description:

Station Elevation Data			num= 39			Sta Elev			Sta Elev		
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	710	79.61	705.59	210.8	696.96	368.9	693.64	395.25	685.03		
398.05	684.89	676.68	673.87	796.1	665.82	796.1	662.49	816.84	661.67		
843.19	645	935.42	645	948.59	644.82	995.12	640.49	1053.99	635.59		
1074.73	635.5	1114.54	635	1159.39	634.62	1264.79	646.24	1313.56	642.14		
1870.83	598.17	2033.33	572.67	2137.5	572.67	2272.5	588.63	2362.5	598.17		
2944.37	600.5	3177.11	601.5	3482.84	601.5	3487.44	601.58	3797.77	605.62		
3875.35	607.01	3949.65	608.05	4229.73	606.96	4263.26	603.84	4323.09	599.7		
4509.82	603.46	4696.54	615.55	4929.94	703.58	5116.67	707.33				

Manning's n values

num= 3			Sta n val			Sta n val			
Sta	n val	Sta	n val	Sta	n val	Sta	n val	Sta	n val
0	.15	1870.83	.15	2362.5	.15				

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	1870.83	2362.5		14.97	14.97	14.97		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.52	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.03	wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.49	Reach Len. (ft)	14.97	14.97	14.97
Crit W.S. (ft)		Flow Area (sq ft)	197257.40	87331.11	401488.60
E.G. Slope (ft/ft)	0.000028	Area (sq ft)	197257.40	87331.11	401488.60
Q Total (cfs)	943961.00	Flow (cfs)	225916.90	144143.50	573900.60
Top width (ft)	5116.67	Top width (ft)	1870.83	491.67	2754.17
Vel Total (ft/s)	1.38	Avg. Vel. (ft/s)	1.15	1.65	1.43
Max Chl Dpth (ft)	187.82	Hydr. Depth (ft)	105.44	177.62	145.77
Conv. Total (cfs)	178188900.0	Conv. (cfs)	42645720.0	27209580.0	108333600.0
Length wtd. (ft)	14.97	Wetted Per. (ft)	1934.76	495.10	2824.19
Min Ch El (ft)	572.67	Shear (lb/sq ft)	0.18	0.31	0.25
Alpha	1.04	Stream Power (lb/ft s)	0.20	0.51	0.36
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	9519.85	2792.99	12531.55
C & E Loss (ft)		Cum SA (acres)	79.78	15.44	85.61

Warning: The cross-section end points had to be extended vertically for the computed water surface.

CROSS SECTION

RIVER: PALUXY

REACH: PALUXY RIVER RS: 6735.34*

INPUT

Description:

Station Elevation Data			num= 39			Sta Elev			Sta Elev		
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	709.73	79.8	705.36	211.29	696.73	369.76	693.35	396.17	684.8		
398.98	684.66	678.26	673.75	797.95	665.59	797.95	662.1	818.74	661.29		
845.16	644.77	937.59	644.77	950.8	644.58	997.44	640.26	1056.44	635.39		
1077.24	635.3	1117.13	634.77	1162.09	634.38	1267.73	645.84	1316.62	641.76		
1875.19	598.08	2037.12	572.65	2141.48	572.65	2275.8	588.57	2365.34	598.08		
2945.33	600.52	3177.32	601.57	3482.06	601.57	3486.65	601.65	3795.97	605.57		
3873.3	606.94	3947.36	607.96	4226.54	606.82	4259.96	603.72	4319.6	599.69		
4505.72	603.62	4691.84	615.8	4924.49	703.29	5110.61	707.21				

Manning's n values

num= 3			Sta n val			Sta n val			
Sta	n val	Sta	n val	Sta	n val	Sta	n val	Sta	n val
0	.15	1875.19	.15	2365.34	.15				

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	1875.19	2365.34		14.97	14.97	14.97		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.52	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.03	wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.49	Reach Len. (ft)	14.97	14.97	14.97
Crit W.S. (ft)		Flow Area (sq ft)	198155.60	87090.48	400215.80
E.G. Slope (ft/ft)	0.000028	Area (sq ft)	198155.60	87090.48	400215.80
Q Total (cfs)	943960.80	Flow (cfs)	227473.10	143904.80	572582.90
Top width (ft)	5110.61	Top width (ft)	1875.19	490.15	2745.27
Vel Total (ft/s)	1.38	Avg. Vel. (ft/s)	1.15	1.65	1.43
Max Chl Dpth (ft)	187.84	Hydr. Depth (ft)	105.67	177.68	145.78
Conv. Total (cfs)	178031300.0	Conv. (cfs)	42901500.0	27140480.0	107989300.0
Length wtd. (ft)	14.97	Wetted Per. (ft)	1939.38	493.58	2815.27

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