

Rev3.rep

E.G. Elev (ft)	760.06	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.04	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.02	Reach Len. (ft)	0.50	0.50	0.50
Crit W.S. (ft)		Flow Area (sq ft)	478899.70	88397.98	181381.00
E.G. Slope (ft/ft)	0.000038	Area (sq ft)	478899.70	88397.98	181381.00
Q Total (cfs)	1128240.00	Flow (cfs)	774176.60	166027.90	188035.50
Top Width (ft)	6450.00	Top width (ft)	3400.00	500.00	2550.00
Vel Total (ft/s)	1.51	Avg. Vel. (ft/s)	1.62	1.88	1.04
Max Chl Dpth (ft)	194.70	Hydr. Depth (ft)	140.85	176.80	71.13
Conv. Total (cfs)	183733400.0	Conv. (cfs)	126074300.0	27037570.0	30621500.0
Length Wtd. (ft)	0.50	Wetted Per. (ft)	3495.65	515.24	2578.08
Min Ch El (ft)	565.32	Shear (lb/sq ft)	0.32	0.40	0.17
Alpha	1.10	Stream Power (lb/ft s)	0.52	0.76	0.17
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	175.90	32.49	66.62
C & E Loss (ft)		Cum SA (acres)	1.25	0.18	0.94

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

CROSS SECTION

RIVER: PALUXY
 REACH: LOWER PALUXY RS: 889.5*

INPUT

Description:

Station Elevation Data			num=	21						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	670	50	670	350	658	600	650	750	610	
950	610	1500	607	2300	610	3400	610	3500	600	
3650	565.31	3800	565.31	3900	613	4100	660	4250	650	
4350	650	4550	660	4700	660	5400	700	5850	725	
6450	740									

Manning's n Values			num=	3			
Sta	n Val	Sta	n Val	Sta	n Val		
0	.15	3400	.15	3900	.15		

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff Contr.	Expan.
	3400	3900		.5	.5	.5	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.06	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.04	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.02	Reach Len. (ft)	0.50	0.50	0.50
Crit W.S. (ft)		Flow Area (sq ft)	478899.70	88400.73	181381.00
E.G. Slope (ft/ft)	0.000038	Area (sq ft)	478899.70	88400.73	181381.00
Q Total (cfs)	1128240.00	Flow (cfs)	774171.60	166034.00	188034.30
Top Width (ft)	6450.00	Top width (ft)	3400.00	500.00	2550.00
Vel Total (ft/s)	1.51	Avg. Vel. (ft/s)	1.62	1.88	1.04
Max Chl Dpth (ft)	194.71	Hydr. Depth (ft)	140.85	176.80	71.13
Conv. Total (cfs)	183734500.0	Conv. (cfs)	126074300.0	27038740.0	30621500.0
Length Wtd. (ft)	0.50	Wetted Per. (ft)	3495.65	515.25	2578.08
Min Ch El (ft)	565.31	Shear (lb/sq ft)	0.32	0.40	0.17
Alpha	1.10	Stream Power (lb/ft s)	0.52	0.76	0.17
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	170.41	31.47	64.54
C & E Loss (ft)		Cum SA (acres)	1.21	0.18	0.91

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

CROSS SECTION

RIVER: PALUXY
 REACH: LOWER PALUXY RS: 889.*

INPUT

Description:

Station Elevation Data			num=	21						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	670	50	670	350	658	600	650	750	610	
950	610	1500	607	2300	610	3400	610	3500	600	
3650	565.3	3800	565.3	3900	613	4100	660	4250	650	
4350	650	4550	660	4700	660	5400	700	5850	725	
6450	740									

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Manning's n Values num= 3
 Sta n Val Sta n Val Sta n Val
 0 .15 3400 .15 3900 .15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
 3400 3900 .5 .5 .1 .3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.06	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.04	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.02	Reach Len. (ft)	0.50	0.50	0.50
Crit W.S. (ft)		Flow Area (sq ft)	478899.50	88403.46	181380.90
E.G. Slope (ft/ft)	0.000038	Area (sq ft)	478899.50	88403.46	181380.90
Q Total (cfs)	1128240.00	Flow (cfs)	774166.80	166040.30	188033.00
Top width (ft)	6450.00	Top width (ft)	3400.00	500.00	2550.00
Vel Total (ft/s)	1.51	Avg. Vel. (ft/s)	1.62	1.88	1.04
Max Chl Dpth (ft)	194.72	Hydr. Depth (ft)	140.85	176.81	71.13
Conv. Total (cfs)	183735600.0	Conv. (cfs)	126074200.0	27039900.0	30621460.0
Length Wtd. (ft)	0.50	wetted Per. (ft)	3495.65	515.25	2578.08
Min Ch El (ft)	565.30	Shear (lb/sq ft)	0.32	0.40	0.17
Alpha	1.10	Stream Power (lb/ft s)	0.52	0.76	0.17
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	164.91	30.46	62.46
C & E Loss (ft)		Cum SA (acres)	1.17	0.17	0.88

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

CROSS SECTION

RIVER: PALUXY
 REACH: LOWER PALUXY RS: 888.5*

INPUT

Description:

Station Elevation Data		num=	21						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	670	50	670	350	658	600	650	750	610
950	610	1500	607	2300	610	3400	610	3500	600
3650	565.29	3800	565.29	3900	613	4100	660	4250	650
4350	650	4550	660	4700	660	5400	700	5850	725
6450	740								

Manning's n Values num= 3
 Sta n Val Sta n Val Sta n Val
 0 .15 3400 .15 3900 .15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
 3400 3900 .5 .5 .1 .3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.06	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.04	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.02	Reach Len. (ft)	0.50	0.50	0.50
Crit W.S. (ft)		Flow Area (sq ft)	478899.50	88406.22	181380.90
E.G. Slope (ft/ft)	0.000038	Area (sq ft)	478899.50	88406.22	181380.90
Q Total (cfs)	1128240.00	Flow (cfs)	774161.80	166046.40	188031.80
Top width (ft)	6450.00	Top width (ft)	3400.00	500.00	2550.00
Vel Total (ft/s)	1.51	Avg. Vel. (ft/s)	1.62	1.88	1.04
Max Chl Dpth (ft)	194.73	Hydr. Depth (ft)	140.85	176.81	71.13
Conv. Total (cfs)	183736700.0	Conv. (cfs)	126074200.0	27041080.0	30621460.0
Length Wtd. (ft)	0.50	wetted Per. (ft)	3495.65	515.26	2578.08
Min Ch El (ft)	565.29	Shear (lb/sq ft)	0.32	0.40	0.17
Alpha	1.10	Stream Power (lb/ft s)	0.52	0.76	0.17
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	159.41	29.44	60.38
C & E Loss (ft)		Cum SA (acres)	1.13	0.17	0.85

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

CROSS SECTION

RIVER: PALUXY
 REACH: LOWER PALUXY RS: 888.*

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INPUT

Description:

Station	Elevation	Data	num=	21	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	670	50	670	350	658	600	650	750	610		
950	610	1500	607	2300	610	3400	610	3500	600		
3650	565.28	3800	565.28	3900	613	4100	660	4250	650		
4350	650	4550	660	4700	660	5400	700	5850	725		
6450	740										

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	3400	.15	3900	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	3400	3900		.5	.5	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.06	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.04	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.02	Reach Len. (ft)	0.50	0.50	0.50
Crit W.S. (ft)		Flow Area (sq ft)	478899.10	88408.89	181380.60
E.G. Slope (ft/ft)	0.000038	Area (sq ft)	478899.10	88408.89	181380.60
Q Total (cfs)	1128240.00	Flow (cfs)	774157.10	166052.60	188030.40
Top width (ft)	6450.00	Top width (ft)	3400.00	500.00	2550.00
Vel Total (ft/s)	1.51	Avg. Vel. (ft/s)	1.62	1.88	1.04
Max Chl Dpth (ft)	194.74	Hydr. Depth (ft)	140.85	176.82	71.13
Conv. Total (cfs)	183737600.0	Conv. (cfs)	126074000.0	27042210.0	30621380.0
Length Wtd. (ft)	0.50	Wetted Per. (ft)	3495.65	515.27	2578.08
Min Ch El (ft)	565.28	Shear (lb/sq ft)	0.32	0.40	0.17
Alpha	1.10	Stream Power (lb/ft s)	0.52	0.76	0.17
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	153.92	28.43	58.29
C & E Loss (ft)		Cum SA (acres)	1.09	0.16	0.82

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

CROSS SECTION

RIVER: PALUXY

REACH: LOWER PALUXY

RS: 887.5*

INPUT

Description:

Station	Elevation	Data	num=	21	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	670	50	670	350	658	600	650	750	610		
950	610	1500	607	2300	610	3400	610	3500	600		
3650	565.27	3800	565.27	3900	613	4100	660	4250	650		
4350	650	4550	660	4700	660	5400	700	5850	725		
6450	740										

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	3400	.15	3900	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	3400	3900		.5	.5	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.06	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.04	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.02	Reach Len. (ft)	0.50	0.50	0.50
Crit W.S. (ft)		Flow Area (sq ft)	478898.90	88411.61	181380.40
E.G. Slope (ft/ft)	0.000038	Area (sq ft)	478898.90	88411.61	181380.40
Q Total (cfs)	1128240.00	Flow (cfs)	774152.20	166058.70	188029.10
Top width (ft)	6450.00	Top width (ft)	3400.00	500.00	2550.00
Vel Total (ft/s)	1.51	Avg. Vel. (ft/s)	1.62	1.88	1.04
Max Chl Dpth (ft)	194.75	Hydr. Depth (ft)	140.85	176.82	71.13
Conv. Total (cfs)	183738600.0	Conv. (cfs)	126074000.0	27043370.0	30621330.0
Length Wtd. (ft)	0.50	Wetted Per. (ft)	3495.65	515.27	2578.08
Min Ch El (ft)	565.27	Shear (lb/sq ft)	0.32	0.40	0.17
Alpha	1.10	Stream Power (lb/ft s)	0.52	0.76	0.17
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	148.42	27.41	56.21
C & E Loss (ft)		Cum SA (acres)	1.05	0.15	0.79

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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: LOWER PALUXY

RS: 887.*

INPUT

Description:

Station Elevation Data			num=	21						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta
0	670	50	670	350	658	600	650	750	610	
950	610	1500	607	2300	610	3400	610	3500	600	
3650	565.26	3800	565.26	3900	613	4100	660	4250	650	
4350	650	4550	660	4700	660	5400	700	5850	725	
6450	740									

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	3400	.15	3900	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	3400	3900		.5	.5	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

		Element	Left OB	Channel	Right OB
E.G. Elev (ft)	760.06		0.150	0.150	0.150
Vel Head (ft)	0.04	Wt. n-Val.	0.50	0.50	0.50
W.S. Elev (ft)	760.02	Reach Len. (ft)	478898.90	88414.36	181380.40
Crit W.S. (ft)		Flow Area (sq ft)	478898.90	88414.36	181380.40
E.G. Slope (ft/ft)	0.000038	Area (sq ft)	774147.30	166064.90	188027.90
Q Total (cfs)	1128240.00	Flow (cfs)	3400.00	500.00	2550.00
Top width (ft)	6450.00	Avg. Vel. (ft/s)	1.62	1.88	1.04
Vel Total (ft/s)	1.51	Hydr. Depth (ft)	140.85	176.83	71.13
Max Chl Dpth (ft)	194.76	Conv. (cfs)	126074000.0	27044540.0	30621330.0
Conv. Total (cfs)	183739800.0	Wetted Per. (ft)	3495.65	515.28	2578.08
Length wtd. (ft)	0.50	Shear (lb/sq ft)	0.32	0.40	0.17
Min Ch El (ft)	565.26	Stream Power (lb/ft s)	0.52	0.76	0.17
Alpha	1.10	Cum Volume (acre-ft)	142.92	26.40	54.13
Frctn Loss (ft)	0.00	Cum SA (acres)	1.01	0.15	0.76
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: LOWER PALUXY

RS: 886.5*

INPUT

Description:

Station Elevation Data			num=	21						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta
0	670	50	670	350	658	600	650	750	610	
950	610	1500	607	2300	610	3400	610	3500	600	
3650	565.25	3800	565.25	3900	613	4100	660	4250	650	
4350	650	4550	660	4700	660	5400	700	5850	725	
6450	740									

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	3400	.15	3900	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	3400	3900		.5	.5	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

		Element	Left OB	Channel	Right OB
E.G. Elev (ft)	760.06		0.150	0.150	0.150
Vel Head (ft)	0.04	Wt. n-Val.	0.50	0.50	0.50
W.S. Elev (ft)	760.02	Reach Len. (ft)	478898.50	88417.05	181380.10
Crit W.S. (ft)		Flow Area (sq ft)	478898.50	88417.05	181380.10
E.G. Slope (ft/ft)	0.000038	Area (sq ft)	774142.40	166071.10	188026.40
Q Total (cfs)	1128240.00	Flow (cfs)	3400.00	500.00	2550.00
Top width (ft)	6450.00	Top width (ft)			

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Vel Total (ft/s)	1.51	Avg. Vel. (ft/s)	1.62	1.88	1.04
Max Chl Dpth (ft)	194.77	Hydr. Depth (ft)	140.85	176.83	71.13
Conv. Total (cfs)	183740700.0	Conv. (cfs)	126073800.0	27045680.0	30621240.0
Length wtd. (ft)	0.50	wetted Per. (ft)	3495.65	515.29	2578.08
Min Ch El (ft)	565.25	Shear (lb/sq ft)	0.32	0.40	0.17
Alpha	1.10	Stream Power (lb/ft s)	0.52	0.76	0.17
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	137.42	25.38	52.05
C & E Loss (ft)		Cum SA (acres)	0.98	0.14	0.73

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

CROSS SECTION

RIVER: PALUXY
 REACH: LOWER PALUXY RS: 886.*

INPUT

Description:

Station Elevation Data			num=	21						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta
0	670	50	670	350	658	600	650	750	610	
950	610	1500	607	2300	610	3400	610	3500	600	
3650	565.24	3800	565.24	3900	613	4100	660	4250	650	
4350	650	4550	660	4700	660	5400	700	5850	725	
6450	740									

Manning's n Values			num=	3	
Sta	n Val	Sta	n Val	Sta	n Val
0	.15	3400	.15	3900	.15

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	3400	3900		.5	.5	.5	.1	.3	

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.06	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.04	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.02	Reach Len. (ft)	0.50	0.50	0.50
Crit W.S. (ft)		Flow Area (sq ft)	478898.00	88419.74	181379.80
E.G. Slope (ft/ft)	0.000038	Area (sq ft)	478898.00	88419.74	181379.80
Q Total (cfs)	1128240.00	Flow (cfs)	774137.60	166077.30	188025.00
Top width (ft)	6450.00	Top width (ft)	3400.00	500.00	2550.00
Vel Total (ft/s)	1.51	Avg. Vel. (ft/s)	1.62	1.88	1.04
Max Chl Dpth (ft)	194.78	Hydr. Depth (ft)	140.85	176.84	71.13
Conv. Total (cfs)	183741600.0	Conv. (cfs)	126073600.0	27046820.0	30621150.0
Length wtd. (ft)	0.50	wetted Per. (ft)	3495.65	515.29	2578.08
Min Ch El (ft)	565.24	Shear (lb/sq ft)	0.32	0.40	0.17
Alpha	1.10	Stream Power (lb/ft s)	0.52	0.76	0.17
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	131.93	24.37	49.97
C & E Loss (ft)		Cum SA (acres)	0.94	0.14	0.70

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

CROSS SECTION

RIVER: PALUXY
 REACH: LOWER PALUXY RS: 885.5*

INPUT

Description:

Station Elevation Data			num=	21						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta
0	670	50	670	350	658	600	650	750	610	
950	610	1500	607	2300	610	3400	610	3500	600	
3650	565.23	3800	565.23	3900	613	4100	660	4250	650	
4350	650	4550	660	4700	660	5400	700	5850	725	
6450	740									

Manning's n Values			num=	3	
Sta	n Val	Sta	n Val	Sta	n Val
0	.15	3400	.15	3900	.15

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	3400	3900		.5	.5	.5	.1	.3	

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CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.06	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.04	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.02	Reach Len. (ft)	0.50	0.50	0.50
Crit W.S. (ft)		Flow Area (sq ft)	478898.00	88422.49	181379.80
E.G. Slope (ft/ft)	0.000038	Area (sq ft)	478898.00	88422.49	181379.80
Q Total (cfs)	1128240.00	Flow (cfs)	774132.70	166083.50	188023.80
Top Width (ft)	6450.00	Top Width (ft)	3400.00	500.00	2550.00
Vel Total (ft/s)	1.51	Avg. Vel. (ft/s)	1.62	1.88	1.04
Max Chl Dpth (ft)	194.79	Hydr. Depth (ft)	140.85	176.85	71.13
Conv. Total (cfs)	183742700.0	Conv. (cfs)	126073600.0	27047990.0	30621150.0
Length Wtd. (ft)	0.50	Wetted Per. (ft)	3495.65	515.30	2578.08
Min Ch El (ft)	565.23	Shear (lb/sq ft)	0.32	0.40	0.17
Alpha	1.10	Stream Power (lb/ft s)	0.52	0.76	0.17
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	126.43	23.35	47.88
C & E Loss (ft)		Cum SA (acres)	0.90	0.13	0.67

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

CROSS SECTION

RIVER: PALUXY
REACH: LOWER PALUXY

RS: 885.*

INPUT

Description:

Station Elevation Data			num=	21	Elev			Sta	Elev	Sta	Elev
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	670	50	670	350	658	600	650	750	610		
950	610	1500	607	2300	610	3400	610	3500	600		
3650	565.22	3800	565.22	3900	613	4100	660	4250	650		
4350	650	4550	660	4700	660	5400	700	5850	725		
6450	740										

Manning's n Values			num=	3	Sta			n Val
Sta	n Val	Sta	n Val	Sta	n Val	Sta	n Val	
0	.15	3400	.15	3900	.15			

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	3400	3900		.5	.5	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.06	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.04	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.02	Reach Len. (ft)	0.50	0.50	0.50
Crit W.S. (ft)		Flow Area (sq ft)	478897.80	88425.22	181379.60
E.G. Slope (ft/ft)	0.000038	Area (sq ft)	478897.80	88425.22	181379.60
Q Total (cfs)	1128240.00	Flow (cfs)	774127.80	166089.70	188022.50
Top Width (ft)	6450.00	Top Width (ft)	3400.00	500.00	2550.00
Vel Total (ft/s)	1.51	Avg. Vel. (ft/s)	1.62	1.88	1.04
Max Chl Dpth (ft)	194.80	Hydr. Depth (ft)	140.85	176.85	71.13
Conv. Total (cfs)	183743800.0	Conv. (cfs)	126073500.0	27049160.0	30621110.0
Length Wtd. (ft)	0.50	Wetted Per. (ft)	3495.65	515.31	2578.08
Min Ch El (ft)	565.22	Shear (lb/sq ft)	0.32	0.40	0.17
Alpha	1.10	Stream Power (lb/ft s)	0.52	0.76	0.17
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	120.93	22.34	45.80
C & E Loss (ft)		Cum SA (acres)	0.86	0.13	0.64

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

CROSS SECTION

RIVER: PALUXY
REACH: LOWER PALUXY

RS: 884.5*

INPUT

Description:

Station Elevation Data			num=	21	Elev			Sta	Elev	Sta	Elev
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	670	50	670	350	658	600	650	750	610		
950	610	1500	607	2300	610	3400	610	3500	600		
3650	565.21	3800	565.21	3900	613	4100	660	4250	650		
4350	650	4550	660	4700	660	5400	700	5850	725		

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6450 740

Manning's n Values num= 3
Sta n Val Sta n Val
0 .15 3400 .15 3900 .15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
3400 3900 .5 .5 .5 .1 .3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.06	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.04	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.02	Reach Len. (ft)	0.50	0.50	0.50
Crit W.S. (ft)		Flow Area (sq ft)	478897.80	88427.95	181379.60
E.G. Slope (ft/ft)	0.000038	Area (sq ft)	478897.80	88427.95	181379.60
Q Total (cfs)	1128240.00	Flow (cfs)	774123.00	166095.80	188021.30
Top width (ft)	6450.00	Top width (ft)	3400.00	500.00	2550.00
Vel Total (ft/s)	1.51	Avg. Vel. (ft/s)	1.62	1.88	1.04
Max Chl Dpth (ft)	194.81	Hydr. Depth (ft)	140.85	176.86	71.13
Conv. Total (cfs)	183744900.0	Conv. (cfs)	126073500.0	27050320.0	30621110.0
Length wtd. (ft)	0.50	Wetted Per. (ft)	3495.65	515.31	2578.08
Min Ch El (ft)	565.21	Shear (lb/sq ft)	0.32	0.40	0.17
Alpha	1.10	Stream Power (lb/ft s)	0.52	0.76	0.17
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	115.44	21.32	43.72
C & E Loss (ft)		Cum SA (acres)	0.82	0.12	0.61

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

CROSS SECTION

RIVER: PALUXY
REACH: LOWER PALUXY RS: 884.*

INPUT

Description:

Station	Elevation	Data	num=	21						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	670	50	670	350	658	600	650	750	610	
950	610	1500	607	2300	610	3400	610	3500	600	
3650	565.2	3800	565.2	3900	613	4100	660	4250	650	
4350	650	4550	660	4700	660	5400	700	5850	725	
6450	740									

Manning's n Values num= 3
Sta n Val Sta n Val
0 .15 3400 .15 3900 .15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
3400 3900 .5 .5 .5 .1 .3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.06	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.04	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.02	Reach Len. (ft)	0.50	0.50	0.50
Crit W.S. (ft)		Flow Area (sq ft)	478897.40	88430.65	181379.30
E.G. Slope (ft/ft)	0.000038	Area (sq ft)	478897.40	88430.65	181379.30
Q Total (cfs)	1128240.00	Flow (cfs)	774118.10	166102.00	188019.90
Top width (ft)	6450.00	Top width (ft)	3400.00	500.00	2550.00
Vel Total (ft/s)	1.51	Avg. Vel. (ft/s)	1.62	1.88	1.04
Max Chl Dpth (ft)	194.82	Hydr. Depth (ft)	140.85	176.86	71.13
Conv. Total (cfs)	183745800.0	Conv. (cfs)	126073300.0	27051460.0	30621020.0
Length wtd. (ft)	0.50	Wetted Per. (ft)	3495.65	515.32	2578.08
Min Ch El (ft)	565.20	Shear (lb/sq ft)	0.32	0.40	0.17
Alpha	1.10	Stream Power (lb/ft s)	0.52	0.76	0.17
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	109.94	20.31	41.64
C & E Loss (ft)		Cum SA (acres)	0.78	0.11	0.59

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

CROSS SECTION

RIVER: PALUXY
REACH: LOWER PALUXY RS: 883.5*

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INPUT

Description:

Station Elevation Data			num=	21						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	670	50	670	350	658	600	650	750	610	
950	610	1500	607	2300	610	3400	610	3500	600	
3650	565.19	3800	565.19	3900	613	4100	660	4250	650	
4350	650	4550	660	4700	660	5400	700	5850	725	
6450	740									

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	3400	.15	3900	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	3400	3900		.5	.5	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

		Element	Left OB	Channel	Right OB
E.G. Elev (ft)	760.06	wt. n-Val.	0.150	0.150	0.150
Vel Head (ft)	0.04	Reach Len. (ft)	0.50	0.50	0.50
W.S. Elev (ft)	760.02	Flow Area (sq ft)	478897.00	88433.34	181379.00
Crit W.S. (ft)		Area (sq ft)	478897.00	88433.34	181379.00
E.G. Slope (ft/ft)	0.000038	Flow (cfs)	774113.40	166108.20	188018.40
Q Total (cfs)	1128240.00	Top Width (ft)	3400.00	500.00	2550.00
Top Width (ft)	6450.00	Avg. Vel. (ft/s)	1.62	1.88	1.04
Vel Total (ft/s)	1.51	Hydr. Depth (ft)	140.85	176.87	71.13
Max Chl Dpth (ft)	194.83	Conv. (cfs)	126073200.0	27052600.0	30620940.0
Conv. Total (cfs)	183746700.0	Wetted Per. (ft)	3495.65	515.33	2578.08
Length Wtd. (ft)	0.50	Shear (lb/sq ft)	0.32	0.40	0.17
Min Ch El (ft)	565.19	Stream Power (lb/ft s)	0.52	0.76	0.17
Alpha	1.10	Cum Volume (acre-ft)	104.44	19.29	39.56
Frctn Loss (ft)	0.00	Cum SA (acres)	0.74	0.11	0.56
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: LOWER PALUXY

RS: 883.*

INPUT

Description:

Station Elevation Data			num=	21						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	670	50	670	350	658	600	650	750	610	
950	610	1500	607	2300	610	3400	610	3500	600	
3650	565.18	3800	565.18	3900	613	4100	660	4250	650	
4350	650	4550	660	4700	660	5400	700	5850	725	
6450	740									

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	3400	.15	3900	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	3400	3900		.5	.5	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

		Element	Left OB	Channel	Right OB
E.G. Elev (ft)	760.06	wt. n-Val.	0.150	0.150	0.150
Vel Head (ft)	0.04	Reach Len. (ft)	0.50	0.50	0.50
W.S. Elev (ft)	760.02	Flow Area (sq ft)	478897.00	88436.09	181379.00
Crit W.S. (ft)		Area (sq ft)	478897.00	88436.09	181379.00
E.G. Slope (ft/ft)	0.000039	Flow (cfs)	785156.30	168485.10	190700.60
Q Total (cfs)	1144342.00	Top Width (ft)	3400.00	500.00	2550.00
Top Width (ft)	6450.00	Avg. Vel. (ft/s)	1.64	1.91	1.05
Vel Total (ft/s)	1.53	Hydr. Depth (ft)	140.85	176.87	71.13
Max Chl Dpth (ft)	194.84	Conv. (cfs)	126073200.0	27053780.0	30620940.0
Conv. Total (cfs)	183747900.0	Wetted Per. (ft)	3495.65	515.33	2578.08
Length Wtd. (ft)	0.50	Shear (lb/sq ft)	0.33	0.42	0.17
Min Ch El (ft)	565.18	Stream Power (lb/ft s)	0.54	0.79	0.18
Alpha	1.10	Cum Volume (acre-ft)	98.95	18.28	37.47
Frctn Loss (ft)	0.00	Cum SA (acres)	0.70	0.10	0.53
C & E Loss (ft)					

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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: LOWER PALUXY RS: 882.5*

INPUT

Description:

Station	Elevation	Data	num=	21	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	670	50	670	350	658	600	650	750	610		
950	610	1500	607	2300	610	3400	610	3500	600		
3650	565.17	3800	565.17	3900	613	4100	660	4250	650		
4350	650	4550	660	4700	660	5400	700	5850	725		
6450	740										

Manning's n	Values	num=	3	Sta	n Val	Sta	n Val
0	.15	3400	.15	3900	.15		

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff	Contr.	Expan.
	3400	3900		.5	.5		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.06	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.04	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.02	Reach Len. (ft)	0.50	0.50	0.50
Crit W.S. (ft)		Flow Area (sq ft)	478896.80	88438.81	181378.80
E.G. Slope (ft/ft)	0.000039	Area (sq ft)	478896.80	88438.81	181378.80
Q Total (cfs)	1147491.00	Flow (cfs)	787311.90	168955.00	191224.00
Top width (ft)	6450.00	Top width (ft)	3400.00	500.00	2550.00
Vel Total (ft/s)	1.53	Avg. Vel. (ft/s)	1.64	1.91	1.05
Max chl Dpth (ft)	194.85	Hydr. Depth (ft)	140.85	176.88	71.13
Conv. Total (cfs)	183748900.0	Conv. (cfs)	126073000.0	27054940.0	30620890.0
Length wtd. (ft)	0.50	Wetted Per. (ft)	3495.65	515.34	2578.08
Min Ch El (ft)	565.17	Shear (lb/sq ft)	0.33	0.42	0.17
Alpha	1.10	Stream Power (lb/ft s)	0.55	0.80	0.18
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	93.45	17.26	35.39
C & E Loss (ft)		Cum SA (acres)	0.66	0.10	0.50

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

CROSS SECTION

RIVER: PALUXY
 REACH: LOWER PALUXY RS: 882.*

INPUT

Description:

Station	Elevation	Data	num=	21	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	670	50	670	350	658	600	650	750	610		
950	610	1500	607	2300	610	3400	610	3500	600		
3650	565.16	3800	565.16	3900	613	4100	660	4250	650		
4350	650	4550	660	4700	660	5400	700	5850	725		
6450	740										

Manning's n	Values	num=	3	Sta	n Val	Sta	n Val
0	.15	3400	.15	3900	.15		

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff	Contr.	Expan.
	3400	3900		.5	.5		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.06	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.04	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.02	Reach Len. (ft)	0.50	0.50	0.50
Crit W.S. (ft)		Flow Area (sq ft)	478896.80	88441.56	181378.80
E.G. Slope (ft/ft)	0.000038	Area (sq ft)	478896.80	88441.56	181378.80
Q Total (cfs)	1137338.00	Flow (cfs)	780340.90	167466.30	189530.90

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Top width (ft)	6450.00	Top width (ft)	3400.00	500.00	2550.00	
Vel Total (ft/s)	1.52	Avg. Vel. (ft/s)	1.63	1.89	1.04	
Max Chl Dpth (ft)	194.86	Hydr. Depth (ft)	140.85	176.88	71.13	
Conv. Total (cfs)	183750000.0	Conv. (cfs)	126073000.0	27056110.0	30620890.0	
Length Wtd. (ft)	0.50	wetted Per. (ft)	3495.65	515.35	2578.08	
Min Ch El (ft)	565.16	Shear (lb/sq ft)	0.33	0.41	0.17	
Alpha	1.10	Stream Power (lb/ft s)	0.53	0.78	0.18	
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	87.95	16.25	33.31	
C & E Loss (ft)		Cum SA (acres)	0.62	0.09	0.47	

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

CROSS SECTION

RIVER: PALUXY
REACH: LOWER PALUXY RS: 881.5*

INPUT

Description:

Station	Elevation	Data	num=	21					
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	670	50	670	350	658	600	650	750	610
950	610	1500	607	2300	610	3400	610	3500	600
3650	565.15	3800	565.15	3900	613	4100	660	4250	650
4350	650	4550	660	4700	660	5400	700	5850	725
6450	740								

Manning's n Values	num=	3
Sta n Val	Sta	n Val
0 .15	3400	.15
		3900

Bank Sta: Left	Right	Lengths: Left	Channel	Right	Coeff Contr.	Expan.
3400	3900	.5	.5	.5	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.06	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.04	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.02	Reach Len. (ft)	0.50	0.50	0.50
Crit W.S. (ft)		Flow Area (sq ft)	478896.40	88444.24	181378.50
E.G. Slope (ft/ft)	0.000038	Area (sq ft)	478896.40	88444.24	181378.50
Q Total (cfs)	1137338.00	Flow (cfs)	780336.10	167472.50	189529.40
Top width (ft)	6450.00	Top width (ft)	3400.00	500.00	2550.00
Vel Total (ft/s)	1.52	Avg. Vel. (ft/s)	1.63	1.89	1.04
Max Chl Dpth (ft)	194.87	Hydr. Depth (ft)	140.85	176.89	71.13
Conv. Total (cfs)	183750900.0	Conv. (cfs)	126072900.0	27057240.0	30620810.0
Length Wtd. (ft)	0.50	wetted Per. (ft)	3495.65	515.35	2578.08
Min Ch El (ft)	565.15	Shear (lb/sq ft)	0.33	0.41	0.17
Alpha	1.10	Stream Power (lb/ft s)	0.53	0.78	0.18
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	82.45	15.23	31.23
C & E Loss (ft)		Cum SA (acres)	0.59	0.09	0.44

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

CROSS SECTION

RIVER: PALUXY
REACH: LOWER PALUXY RS: 881.*

INPUT

Description:

Station	Elevation	Data	num=	21					
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	670	50	670	350	658	600	650	750	610
950	610	1500	607	2300	610	3400	610	3500	600
3650	565.14	3800	565.14	3900	613	4100	660	4250	650
4350	650	4550	660	4700	660	5400	700	5850	725
6450	740								

Manning's n Values	num=	3
Sta n Val	Sta	n Val
0 .15	3400	.15
		3900

Bank Sta: Left	Right	Lengths: Left	Channel	Right	Coeff Contr.	Expan.
3400	3900	.5	.5	.5	.1	.3

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CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.06	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.04	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.02	Reach Len. (ft)	0.50	0.50	0.50
Crit W.S. (ft)		Flow Area (sq ft)	478896.00	88446.93	181378.20
E.G. Slope (ft/ft)	0.000038	Area (sq ft)	478896.00	88446.93	181378.20
Q Total (cfs)	1137338.00	Flow (cfs)	780331.20	167478.80	189528.00
Top Width (ft)	6450.00	Top width (ft)	3400.00	500.00	2550.00
Vel Total (ft/s)	1.52	Avg. Vel. (ft/s)	1.63	1.89	1.04
Max Chl Dpth (ft)	194.88	Hydr. Depth (ft)	140.85	176.89	71.13
Conv. Total (cfs)	183751800.0	Conv. (cfs)	126072700.0	27058390.0	30620720.0
Length Wtd. (ft)	0.50	Wetted Per. (ft)	3495.64	515.36	2578.08
Min Ch El (ft)	565.14	Shear (lb/sq ft)	0.33	0.41	0.17
Alpha	1.10	Stream Power (lb/ft s)	0.53	0.78	0.18
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	76.96	14.22	29.15
C & E Loss (ft)		Cum SA (acres)	0.55	0.08	0.41

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

CROSS SECTION

RIVER: PALUXY

REACH: LOWER PALUXY

RS: 880.5*

INPUT

Description:

Station Elevation Data		num=	21							
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta
0	670	50	670	350	658	600	650	750	610	
950	610	1500	607	2300	610	3400	610	3500	600	
3650	565.13	3800	565.13	3900	613	4100	660	4250	650	
4350	650	4550	660	4700	660	5400	700	5850	725	
6450	740									

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	3400	.15	3900	.15

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff Contr.	Expan.
	3400	3900		.5	.5	.5	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.06	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.04	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.02	Reach Len. (ft)	0.50	0.50	0.50
Crit W.S. (ft)		Flow Area (sq ft)	478896.00	88449.69	181378.20
E.G. Slope (ft/ft)	0.000038	Area (sq ft)	478896.00	88449.69	181378.20
Q Total (cfs)	1137338.00	Flow (cfs)	780326.30	167485.00	189526.80
Top Width (ft)	6450.00	Top width (ft)	3400.00	500.00	2550.00
Vel Total (ft/s)	1.52	Avg. Vel. (ft/s)	1.63	1.89	1.04
Max Chl Dpth (ft)	194.89	Hydr. Depth (ft)	140.85	176.90	71.13
Conv. Total (cfs)	183753000.0	Conv. (cfs)	126072700.0	27059560.0	30620720.0
Length Wtd. (ft)	0.50	Wetted Per. (ft)	3495.64	515.37	2578.08
Min Ch El (ft)	565.13	Shear (lb/sq ft)	0.33	0.41	0.17
Alpha	1.10	Stream Power (lb/ft s)	0.53	0.78	0.18
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	71.46	13.20	27.07
C & E Loss (ft)		Cum SA (acres)	0.51	0.07	0.38

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

CROSS SECTION

RIVER: PALUXY

REACH: LOWER PALUXY

RS: 880.*

INPUT

Description:

Station Elevation Data		num=	21							
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta
0	670	50	670	350	658	600	650	750	610	
950	610	1500	607	2300	610	3400	610	3500	600	
3650	565.12	3800	565.12	3900	613	4100	660	4250	650	

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4350	650	4550	660	4700	660	5400	700	5850	725
6450	740								

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	3400	.15	3900	.15

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

3400	3900	.5	.5	.5	.1	.3
------	------	----	----	----	----	----

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.06	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.04	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.02	Reach Len. (ft)	0.50	0.50	0.50
Crit W.S. (ft)		Flow Area (sq ft)	478895.80	88452.41	181378.10
E.G. Slope (ft/ft)	0.000038	Area (sq ft)	478895.80	88452.41	181378.10
Q Total (cfs)	1137338.00	Flow (cfs)	780321.30	167491.20	189525.40
Top Width (ft)	6450.00	Top Width (ft)	3400.00	500.00	2550.00
Vel Total (ft/s)	1.52	Avg. Vel. (ft/s)	1.63	1.89	1.04
Max Chl Dpth (ft)	194.90	Hydr. Depth (ft)	140.85	176.90	71.13
Conv. Total (cfs)	183754000.0	Conv. (cfs)	126072600.0	27060720.0	30620680.0
Length wtd. (ft)	0.50	Wetted Per. (ft)	3495.64	515.37	2578.08
Min Ch El (ft)	565.12	Shear (lb/sq ft)	0.33	0.41	0.17
Alpha	1.10	Stream Power (lb/ft s)	0.53	0.78	0.18
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	65.96	12.19	24.98
C & E Loss (ft)		Cum SA (acres)	0.47	0.07	0.35

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

CROSS SECTION

RIVER: PALUXY
 REACH: LOWER PALUXY RS: 879.5*

INPUT

Description:

Station	Elevation	Data	num=	21					
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	670	50	670	350	658	600	650	750	610
950	610	1500	607	2300	610	3400	610	3500	600
3650	565.11	3800	565.11	3900	613	4100	660	4250	650
4350	650	4550	660	4700	660	5400	700	5850	725
6450	740								

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	3400	.15	3900	.15

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

3400	3900	.5	.5	.5	.1	.3
------	------	----	----	----	----	----

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.06	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.04	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.02	Reach Len. (ft)	0.50	0.50	0.50
Crit W.S. (ft)		Flow Area (sq ft)	478895.80	88455.16	181378.10
E.G. Slope (ft/ft)	0.000038	Area (sq ft)	478895.80	88455.16	181378.10
Q Total (cfs)	1137338.00	Flow (cfs)	780316.40	167497.40	189524.20
Top Width (ft)	6450.00	Top Width (ft)	3400.00	500.00	2550.00
Vel Total (ft/s)	1.52	Avg. Vel. (ft/s)	1.63	1.89	1.04
Max Chl Dpth (ft)	194.91	Hydr. Depth (ft)	140.85	176.91	71.13
Conv. Total (cfs)	183755200.0	Conv. (cfs)	126072600.0	27061890.0	30620680.0
Length wtd. (ft)	0.50	Wetted Per. (ft)	3495.64	515.38	2578.08
Min Ch El (ft)	565.11	Shear (lb/sq ft)	0.33	0.41	0.17
Alpha	1.10	Stream Power (lb/ft s)	0.53	0.78	0.18
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	60.47	11.17	22.90
C & E Loss (ft)		Cum SA (acres)	0.43	0.06	0.32

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: LOWER PALUXY

RS: 879.*

INPUT

Description:

Station Elevation Data			num=	21						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta
0	670	50	670	350	658	600	650	750	610	
950	610	1500	607	2300	610	3400	610	3500	600	
3650	565.1	3800	565.1	3900	613	4100	660	4250	650	
4350	650	4550	660	4700	660	5400	700	5850	725	
6450	740									

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	3400	.15	3900	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	3400	3900		.5	.5	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

		Left OB	Channel	Right OB
E.G. Elev (ft)	760.06	0.150	0.150	0.150
Vel Head (ft)	0.04	0.50	0.50	0.50
W.S. Elev (ft)	760.02	478895.30	88457.85	181377.80
Crit W.S. (ft)		478895.30	88457.85	181377.80
E.G. Slope (ft/ft)	0.000038	780311.50	167503.70	189522.80
Q Total (cfs)	1137338.00	3400.00	500.00	2550.00
Top width (ft)	6450.00	1.63	1.89	1.04
Vel Total (ft/s)	1.52	140.85	176.92	71.13
Max Chl Dpth (ft)	194.92	126072400.0	27063030.0	30620590.0
Conv. Total (cfs)	183756000.0	3495.64	515.39	2578.08
Length wtd. (ft)	0.50	0.33	0.41	0.17
Min Ch El (ft)	565.10	0.53	0.78	0.18
Alpha	1.10	54.97	10.16	20.82
Frctn Loss (ft)	0.00	0.39	0.06	0.29
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: LOWER PALUXY

RS: 878.5*

INPUT

Description:

Station Elevation Data			num=	21						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta
0	670	50	670	350	658	600	650	750	610	
950	610	1500	607	2300	610	3400	610	3500	600	
3650	565.09	3800	565.09	3900	613	4100	660	4250	650	
4350	650	4550	660	4700	660	5400	700	5850	725	
6450	740									

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	3400	.15	3900	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	3400	3900		.5	.5	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

		Left OB	Channel	Right OB
E.G. Elev (ft)	760.06	0.150	0.150	0.150
Vel Head (ft)	0.04	0.50	0.50	0.50
W.S. Elev (ft)	760.02	478895.10	88460.56	181377.60
Crit W.S. (ft)		478895.10	88460.56	181377.60
E.G. Slope (ft/ft)	0.000039	785112.00	168541.50	190688.60
Q Total (cfs)	1144342.00	3400.00	500.00	2550.00
Top width (ft)	6450.00	1.64	1.91	1.05
Vel Total (ft/s)	1.53	140.85	176.92	71.13
Max Chl Dpth (ft)	194.93	126072300.0	27064180.0	30620540.0
Conv. Total (cfs)	183757100.0	3495.64	515.39	2578.08
Length wtd. (ft)	0.50	0.33	0.42	0.17
Min Ch El (ft)	565.09	0.54	0.79	0.18
Alpha	1.10	49.47	9.14	18.74
Frctn Loss (ft)	0.00			
Cum Volume (acre-ft)				

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C & E Loss (ft)	Cum SA (acres)	0.35	0.05	0.26
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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: LOWER PALUXY RS: 878.*

INPUT

Description:

Station Elevation Data			num=	21						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	670	50	670	350	658	600	650	750	610	
950	610	1500	607	2300	610	3400	610	3500	600	
3650	565.08	3800	565.08	3900	613	4100	660	4250	650	
4350	650	4550	660	4700	660	5400	700	5850	725	
6450	740									

Manning's n Values			num=	3		
Sta	n Val	Sta	n Val	Sta	n Val	
0	.15	3400	.15	3900	.15	

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	3400	3900		.5	.5	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.06	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.04	wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.02	Reach Len. (ft)	0.50	0.50	0.50
Crit W.S. (ft)		Flow Area (sq ft)	478895.10	88463.31	181377.60
E.G. Slope (ft/ft)	0.000039	Area (sq ft)	478895.10	88463.31	181377.60
Q Total (cfs)	1144342.00	Flow (cfs)	785106.90	168547.70	190687.40
Top Width (ft)	6450.00	Top Width (ft)	3400.00	500.00	2550.00
Vel Total (ft/s)	1.53	Avg. Vel. (ft/s)	1.64	1.91	1.05
Max Chl Dpth (ft)	194.94	Hydr. Depth (ft)	140.85	176.93	71.13
Conv. Total (cfs)	183758200.0	Conv. (cfs)	126072300.0	27065360.0	30620540.0
Length Wtd. (ft)	0.50	wetted Per. (ft)	3495.64	515.40	2578.08
Min Ch El (ft)	565.08	Shear (lb/sq ft)	0.33	0.42	0.17
Alpha	1.10	Stream Power (lb/ft s)	0.54	0.79	0.18
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	43.98	8.12	16.66
C & E Loss (ft)		Cum SA (acres)	0.31	0.05	0.23

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

CROSS SECTION

RIVER: PALUXY
 REACH: LOWER PALUXY RS: 877.5*

INPUT

Description:

Station Elevation Data			num=	21						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	670	50	670	350	658	600	650	750	610	
950	610	1500	607	2300	610	3400	610	3500	600	
3650	565.07	3800	565.07	3900	613	4100	660	4250	650	
4350	650	4550	660	4700	660	5400	700	5850	725	
6450	740									

Manning's n Values			num=	3		
Sta	n Val	Sta	n Val	Sta	n Val	
0	.15	3400	.15	3900	.15	

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	3400	3900		.5	.5	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.06	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.04	wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.02	Reach Len. (ft)	0.50	0.50	0.50
Crit W.S. (ft)		Flow Area (sq ft)	478894.80	88466.00	181377.30
E.G. Slope (ft/ft)	0.000039	Area (sq ft)	478894.80	88466.00	181377.30

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Q Total (cfs)	1144342.00	Flow (cfs)	785102.10	168553.90	190686.00
Top width (ft)	6450.00	Top width (ft)	3400.00	500.00	2550.00
Vel Total (ft/s)	1.53	Avg. Vel. (ft/s)	1.64	1.91	1.05
Max Chl Dpth (ft)	194.95	Hydr. Depth (ft)	140.85	176.93	71.13
Conv. Total (cfs)	183759100.0	Conv. (cfs)	126072200.0	27066490.0	30620470.0
Length wtd. (ft)	0.50	Wetted Per. (ft)	3495.64	515.41	2578.08
Min Ch El (ft)	565.07	Shear (lb/sq ft)	0.33	0.42	0.17
Alpha	1.10	Stream Power (lb/ft s)	0.54	0.79	0.18
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	38.48	7.11	14.57
C & E Loss (ft)		Cum SA (acres)	0.27	0.04	0.20

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

CROSS SECTION

RIVER: PALUXY
REACH: LOWER PALUXY

RS: 877.*

INPUT

Description:

Station	Elevation	Data	num=	21						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta
0	670	50	670	350	658	600	650	750	610	
950	610	1500	607	2300	610	3400	610	3500	600	
3650	565.06	3800	565.06	3900	613	4100	660	4250	650	
4350	650	4550	660	4700	660	5400	700	5850	725	
6450	740									

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	3400	.15	3900	.15

Bank Sta: Left	Right	Lengths: Left	Channel	Right	Coeff Contr.	Expan.
3400	3900	.5	.5	.5	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.05	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.03	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.02	Reach Len. (ft)	0.50	0.50	0.50
Crit W.S. (ft)		Flow Area (sq ft)	478894.30	88468.70	181377.00
E.G. Slope (ft/ft)	0.000033	Area (sq ft)	478894.30	88468.70	181377.00
Q Total (cfs)	1060853.00	Flow (cfs)	727818.10	156262.40	176772.50
Top width (ft)	6450.00	Top width (ft)	3400.00	500.00	2550.00
Vel Total (ft/s)	1.42	Avg. Vel. (ft/s)	1.52	1.77	0.97
Max Chl Dpth (ft)	194.96	Hydr. Depth (ft)	140.85	176.94	71.13
Conv. Total (cfs)	183760000.0	Conv. (cfs)	126072000.0	27067640.0	30620380.0
Length wtd. (ft)	0.50	Wetted Per. (ft)	3495.64	515.41	2578.08
Min Ch El (ft)	565.06	Shear (lb/sq ft)	0.29	0.36	0.15
Alpha	1.10	Stream Power (lb/ft s)	0.43	0.63	0.14
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	32.98	6.09	12.49
C & E Loss (ft)		Cum SA (acres)	0.23	0.03	0.18

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

CROSS SECTION

RIVER: PALUXY
REACH: LOWER PALUXY

RS: 876.5*

INPUT

Description:

Station	Elevation	Data	num=	21						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta
0	670	50	670	350	658	600	650	750	610	
950	610	1500	607	2300	610	3400	610	3500	600	
3650	565.05	3800	565.05	3900	613	4100	660	4250	650	
4350	650	4550	660	4700	660	5400	700	5850	725	
6450	740									

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	3400	.15	3900	.15

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

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3400 3900 .5 .5 .1 .3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.05	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.03	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.02	Reach Len. (ft)	0.50	0.50	0.50
Crit W.S. (ft)		Flow Area (sq ft)	478894.10	88471.41	181376.80
E.G. Slope (ft/ft)	0.000032	Area (sq ft)	478894.10	88471.41	181376.80
Q Total (cfs)	1043897.00	Flow (cfs)	716180.60	153770.60	173945.90
Top Width (ft)	6450.00	Top Width (ft)	3400.00	500.00	2550.00
Vel Total (ft/s)	1.39	Avg. Vel. (ft/s)	1.50	1.74	0.96
Max Chl Dpth (ft)	194.97	Hydr. Depth (ft)	140.85	176.94	71.13
Conv. Total (cfs)	183761000.0	Conv. (cfs)	126071900.0	27068790.0	30620330.0
Length Wtd. (ft)	0.50	Wetted Per. (ft)	3495.64	515.42	2578.08
Min Ch El (ft)	565.05	Shear (lb/sq ft)	0.28	0.35	0.14
Alpha	1.10	Stream Power (lb/ft s)	0.41	0.60	0.14
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	27.48	5.08	10.41
C & E Loss (ft)		Cum SA (acres)	0.20	0.03	0.15

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

CROSS SECTION

RIVER: PALUXY
REACH: LOWER PALUXY RS: 876.*

INPUT

Description:

Station Elevation Data			num=	21						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta
0	670	50	670	350	658	600	650	750	610	
950	610	1500	607	2300	610	3400	610	3500	600	
3650	565.04	3800	565.04	3900	613	4100	660	4250	650	
4350	650	4550	660	4700	660	5400	700	5850	725	
6450	740									

Manning's n Values			num=	3					
Sta	n Val	Sta	n Val	Sta	n Val	Sta	n Val	Sta	n Val
0	.15	3400	.15	3900	.15				

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff Contr.	Expan.
	3400	3900		.5	.5	.5	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.05	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.03	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.02	Reach Len. (ft)	0.50	0.50	0.50
Crit W.S. (ft)		Flow Area (sq ft)	478894.10	88474.16	181376.80
E.G. Slope (ft/ft)	0.000031	Area (sq ft)	478894.10	88474.16	181376.80
Q Total (cfs)	1026141.00	Flow (cfs)	703994.40	151160.60	170986.10
Top Width (ft)	6450.00	Top Width (ft)	3400.00	500.00	2550.00
Vel Total (ft/s)	1.37	Avg. Vel. (ft/s)	1.47	1.71	0.94
Max Chl Dpth (ft)	194.98	Hydr. Depth (ft)	140.85	176.95	71.13
Conv. Total (cfs)	183762200.0	Conv. (cfs)	126071900.0	27069970.0	30620330.0
Length Wtd. (ft)	0.50	Wetted Per. (ft)	3495.64	515.43	2578.08
Min Ch El (ft)	565.04	Shear (lb/sq ft)	0.27	0.33	0.14
Alpha	1.10	Stream Power (lb/ft s)	0.39	0.57	0.13
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	21.99	4.06	8.33
C & E Loss (ft)		Cum SA (acres)	0.16	0.02	0.12

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

CROSS SECTION

RIVER: PALUXY
REACH: LOWER PALUXY RS: 875.5*

INPUT

Description:

Station Elevation Data			num=	21					
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	670	50	670	350	658	600	650	750	610
950	610	1500	607	2300	610	3400	610	3500	600

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3650	565.03	3800	565.03	3900	613	4100	660	4250	650
4350	650	4550	660	4700	660	5400	700	5850	725
6450	740								

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	3400	.15	3900	.15

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

3400	3900	.5	.5	.5	.1	.3
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CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.05	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.03	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.02	Reach Len. (ft)	0.50	0.50	0.50
Crit W.S. (ft)		Flow Area (sq ft)	478893.70	88476.84	181376.50
E.G. Slope (ft/ft)	0.000028	Area (sq ft)	478893.70	88476.84	181376.50
Q Total (cfs)	975707.90	Flow (cfs)	669390.10	143736.60	162581.20
Top width (ft)	6450.00	Top width (ft)	3400.00	500.00	2550.00
Vel Total (ft/s)	1.30	Avg. Vel. (ft/s)	1.40	1.62	0.90
Max Chl Dpth (ft)	194.99	Hydr. Depth (ft)	140.85	176.95	71.13
Conv. Total (cfs)	183763100.0	Conv. (cfs)	126071700.0	27071100.0	30620250.0
Length wtd. (ft)	0.50	wetted Per. (ft)	3495.64	515.43	2578.08
Min Ch El (ft)	565.03	Shear (lb/sq ft)	0.24	0.30	0.12
Alpha	1.10	Stream Power (lb/ft s)	0.34	0.49	0.11
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	16.49	3.05	6.25
C & E Loss (ft)		Cum SA (acres)	0.12	0.02	0.09

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

CROSS SECTION

RIVER: PALUXY
REACH: LOWER PALUXY

RS: 875.*

INPUT

Description:

Station Elevation Data

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	670	50	670	350	658	600	650	750	610
950	610	1500	607	2300	610	3400	610	3500	600
3650	565.02	3800	565.02	3900	613	4100	660	4250	650
4350	650	4550	660	4700	660	5400	700	5850	725
6450	740								

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	3400	.15	3900	.15

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

3400	3900	.5	.5	.5	.1	.3
------	------	----	----	----	----	----

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.04	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.02	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.02	Reach Len. (ft)	0.50	0.50	0.50
Crit W.S. (ft)		Flow Area (sq ft)	478893.30	88479.54	181376.20
E.G. Slope (ft/ft)	0.000024	Area (sq ft)	478893.30	88479.54	181376.20
Q Total (cfs)	904090.10	Flow (cfs)	620252.40	133191.30	150646.40
Top width (ft)	6450.00	Top width (ft)	3400.00	500.00	2550.00
Vel Total (ft/s)	1.21	Avg. Vel. (ft/s)	1.30	1.51	0.83
Max Chl Dpth (ft)	195.00	Hydr. Depth (ft)	140.85	176.96	71.13
Conv. Total (cfs)	183763900.0	Conv. (cfs)	126071500.0	27072240.0	30620160.0
Length wtd. (ft)	0.50	wetted Per. (ft)	3495.64	515.44	2578.07
Min Ch El (ft)	565.02	Shear (lb/sq ft)	0.21	0.26	0.11
Alpha	1.10	Stream Power (lb/ft s)	0.27	0.39	0.09
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	10.99	2.03	4.16
C & E Loss (ft)		Cum SA (acres)	0.08	0.01	0.06

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

CROSS SECTION

Rev3.rep

RIVER: PALUXY
REACH: LOWER PALUXY

RS: 874.5*

INPUT

Description:

Station Elevation Data		num= 21		Sta Elev		Sta Elev		Sta Elev		Sta Elev	
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	670	50	670	350	658	600	650	750	610		
950	610	1500	607	2300	610	3400	610	3500	600		
3650	565.01	3800	565.01	3900	613	4100	660	4250	650		
4350	650	4550	660	4700	660	5400	700	5850	725		
6450	740										

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	3400	.15	3900	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	3400	3900		.5	.5	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)		760.03	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01		wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.02		Reach Len. (ft)	0.50	0.50	0.50
Crit W.S. (ft)			Flow Area (sq ft)	478893.30	88482.29	181376.20
E.G. Slope (ft/ft)	0.000010		Area (sq ft)	478893.30	88482.29	181376.20
Q Total (cfs)	593152.60		Flow (cfs)	406930.70	87386.93	98835.02
Top width (ft)	6450.00		Top width (ft)	3400.00	500.00	2550.00
Vel Total (ft/s)	0.79		Avg. Vel. (ft/s)	0.85	0.99	0.54
Max Chl Dpth (ft)	195.01		Hydr. Depth (ft)	140.85	176.96	71.13
Conv. Total (cfs)	183765100.0		Conv. (cfs)	126071500.0	27073420.0	30620160.0
Length wtd. (ft)	0.50		wetted Per. (ft)	3495.64	515.44	2578.07
Min Ch El (ft)	565.01		Shear (lb/sq ft)	0.09	0.11	0.05
Alpha	1.10		Stream Power (lb/ft s)	0.08	0.11	0.02
Frctn Loss (ft)	0.00		Cum Volume (acre-ft)	5.50	1.02	2.08
C & E Loss (ft)			Cum SA (acres)	0.04	0.01	0.03

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

CROSS SECTION

RIVER: PALUXY
REACH: LOWER PALUXY

RS: 874

INPUT

Description:

Station Elevation Data		num= 21		Sta Elev		Sta Elev		Sta Elev		Sta Elev	
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	670	50	670	350	658	600	650	750	610		
950	610	1500	607	2300	610	3400	610	3500	600		
3650	565	3800	565	3900	613	4100	660	4250	650		
4350	650	4550	660	4700	660	5400	700	5850	725		
6450	740										

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	3400	.15	3900	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	3400	3900		5	5	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)		760.02	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00		wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.02		Reach Len. (ft)			
Crit W.S. (ft)	565.05		Flow Area (sq ft)	478893.10	88485.01	181376.10
E.G. Slope (ft/ft)	0.000000		Area (sq ft)	478893.10	88485.01	181376.10
Q Total (cfs)	10.49		Flow (cfs)	7.20	1.55	1.75
Top width (ft)	6450.00		Top width (ft)	3400.00	500.00	2550.00
Vel Total (ft/s)	0.00		Avg. Vel. (ft/s)	0.00	0.00	0.00
Max Chl Dpth (ft)	195.02		Hydr. Depth (ft)	140.85	176.97	71.13
Conv. Total (cfs)	183766100.0		Conv. (cfs)	126071500.0	27074570.0	30620120.0
Length wtd. (ft)			wetted Per. (ft)	3495.64	515.45	2578.07
Min Ch El (ft)	565.00		Shear (lb/sq ft)	0.00	0.00	0.00
Alpha	1.10		Stream Power (lb/ft s)	0.00	0.00	0.00

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Frctn Loss (ft)
C & E Loss (ft)

Rev3.rep
Cum Volume (acre-ft)
Cum SA (acres)

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 24757

INPUT

Description:

Station	Elevation	Data	num=	17	Sta	Elev	Sta	Elev	Sta	Elev
0	810	250	790	850	720	1000	720	1200	710	
1400	700	1500	703	1875	671	2500	660	2775	660	
2825	650	2825	646	2900	646	3000	660	3125	660	
3600	668	4000	780							

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	2775	.15	3000	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	2775	3000		1	1	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

		Element	Left OB	Channel	Right OB
E.G. Elev (ft)	760.46	Wt. n-Val.	0.150	0.150	0.150
Vel Head (ft)	0.01	Reach Len. (ft)	1.00	1.00	1.00
W.S. Elev (ft)	760.45	Flow Area (sq ft)	153659.00	24600.55	73629.62
Crit W.S. (ft)		Area (sq ft)	153659.00	24600.55	73629.62
E.G. Slope (ft/ft)	0.000017	Flow (cfs)	104229.80	22614.79	55032.09
Q Total (cfs)	181876.70	Top Width (ft)	2271.69	225.00	930.17
Top Width (ft)	3426.86	Avg. Vel. (ft/s)	0.68	0.92	0.75
Vel Total (ft/s)	0.72	Hydr. Depth (ft)	67.64	109.34	79.16
Max Chl Dpth (ft)	114.45	Conv. (cfs)	25237530.0	5475797.0	13325110.0
Conv. Total (cfs)	44038440.0	Wetted Per. (ft)	2276.04	230.97	942.93
Length Wtd. (ft)	1.00	Shear (lb/sq ft)	0.07	0.11	0.08
Min Ch El (ft)	646.00	Stream Power (lb/ft s)	0.05	0.10	0.06
Alpha	1.03	Cum Volume (acre-ft)	407138.90	23702.47	160220.40
Frctn Loss (ft)	0.00	Cum SA (acres)	3814.83	157.54	1456.81
C & E Loss (ft)					

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 24756.*

INPUT

Description:

Station	Elevation	Data	num=	17	Sta	Elev	Sta	Elev	Sta	Elev
0	810	250	790	850	720	1000	720	1200	710	
1400	700	1500	703	1875	671	2500	660	2775	660	
2825	650	2825	645.9	2900	645.9	3000	660	3125	660	
3600	668	4000	780							

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	2775	.15	3000	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	2775	3000		1	1	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

		Element	Left OB	Channel	Right OB
E.G. Elev (ft)	760.46	Wt. n-Val.	0.150	0.150	0.150
Vel Head (ft)	0.01	Reach Len. (ft)	1.00	1.00	1.00
W.S. Elev (ft)	760.45	Flow Area (sq ft)	153659.00	24613.05	73629.62
Crit W.S. (ft)		Area (sq ft)	153659.00	24613.05	73629.62
E.G. Slope (ft/ft)	0.000017	Flow (cfs)	104223.10	22625.04	55028.54
Q Total (cfs)	181876.70	Top Width (ft)	2271.69	225.00	930.17
Top Width (ft)	3426.86	Avg. Vel. (ft/s)	0.68	0.92	0.75
Vel Total (ft/s)	0.72	Hydr. Depth (ft)	67.64	109.39	79.16
Max Chl Dpth (ft)	114.55	Conv. (cfs)	25237530.0	5478633.0	13325110.0
Conv. Total (cfs)	44041280.0				

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Length Wtd. (ft)	1.00	wetted Per. (ft)	2276.04	231.08	942.93
Min Ch El (ft)	645.90	Shear (lb/sq ft)	0.07	0.11	0.08
Alpha	1.03	Stream Power (lb/ft s)	0.05	0.10	0.06
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	407135.40	23701.90	160218.70
C & E Loss (ft)		Cum SA (acres)	3814.78	157.53	1456.79

CROSS SECTION

RIVER: SQUAW CREEK
 REACH: SC

RS: 24755.*

INPUT

Description:

Station	Elevation	Data	num=	17						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta
0	810	250	790	850	720	1000	720	1200	710	
1400	700	1500	703	1875	671	2500	660	2775	660	
2825	650	2825	645.8	2900	645.8	3000	660	3125	660	
3600	668	4000	780							

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	2775	.15	3000	.15

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	2775	3000		1	1	1	.1	.3	

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.46	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.45	Reach Len. (ft)	1.00	1.00	1.00
Crit W.S. (ft)		Flow Area (sq ft)	153659.00	24625.55	73629.62
E.G. Slope (ft/ft)	0.000017	Area (sq ft)	153659.00	24625.55	73629.62
Q Total (cfs)	181876.70	Flow (cfs)	104216.40	22635.30	55025.00
Top width (ft)	3426.86	Top width (ft)	2271.69	225.00	930.17
Vel Total (ft/s)	0.72	Avg. Vel. (ft/s)	0.68	0.92	0.75
Max chl Dpth (ft)	114.65	Hydr. Depth (ft)	67.64	109.45	79.16
Conv. Total (cfs)	44044110.0	Conv. (cfs)	25237530.0	5481470.0	13325110.0
Length Wtd. (ft)	1.00	wetted Per. (ft)	2276.04	231.19	942.93
Min Ch El (ft)	645.80	Shear (lb/sq ft)	0.07	0.11	0.08
Alpha	1.03	Stream Power (lb/ft s)	0.05	0.10	0.06
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	407131.90	23701.34	160217.00
C & E Loss (ft)		Cum SA (acres)	3814.73	157.53	1456.77

CROSS SECTION

RIVER: SQUAW CREEK
 REACH: SC

RS: 24754.*

INPUT

Description:

Station	Elevation	Data	num=	17						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta
0	810	250	790	850	720	1000	720	1200	710	
1400	700	1500	703	1875	671	2500	660	2775	660	
2825	650	2825	645.7	2900	645.7	3000	660	3125	660	
3600	668	4000	780							

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	2775	.15	3000	.15

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	2775	3000		1	1	1	.1	.3	

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.46	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.45	Reach Len. (ft)	1.00	1.00	1.00
Crit W.S. (ft)		Flow Area (sq ft)	153658.70	24638.02	73629.50
E.G. Slope (ft/ft)	0.000017	Area (sq ft)	153658.70	24638.02	73629.50
Q Total (cfs)	181876.70	Flow (cfs)	104209.70	22645.55	55021.47
Top width (ft)	3426.85	Top width (ft)	2271.69	225.00	930.17

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Vel Total (ft/s)	0.72	Avg. Vel. (ft/s)	0.68	0.92	0.75	
Max Chl Dpth (ft)	114.75	Hydr. Depth (ft)	67.64	109.50	79.16	
Conv. Total (cfs)	44046830.0	Conv. (cfs)	25237460.0	5484292.0	13325080.0	
Length wtd. (ft)	1.00	wetted Per. (ft)	2276.04	231.31	942.93	
Min Ch El (ft)	645.70	Shear (lb/sq ft)	0.07	0.11	0.08	
Alpha	1.03	Stream Power (lb/ft s)	0.05	0.10	0.06	
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	407128.30	23700.77	160215.40	
C & E Loss (ft)		Cum SA (acres)	3814.67	157.52	1456.75	

CROSS SECTION

RIVER: SQUAW CREEK
 REACH: SC

RS: 24753.*

INPUT

Description:

Station Elevation Data	num=	17							
Sta Elev Sta Elev Sta Elev Sta Elev Sta Elev									
0 810 250 790 850 720 1000 720 1200 710									
1400 700 1500 703 1875 671 2500 660 2775 660									
2825 650 2825 645.6 2900 645.6 3000 660 3125 660									
3600 668 4000 780									

Manning's n Values	num=	3			
Sta n Val Sta n Val					
0 .15 2775 .15 3000 .15					

Bank Sta: Left Right	Lengths: Left Channel Right	Coeff Contr.	Expan.
2775 3000	1 1 1	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.46	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.45	Reach Len. (ft)	1.00	1.00	1.00
Crit W.S. (ft)		Flow Area (sq ft)	153659.00	24650.55	73629.62
E.G. Slope (ft/ft)	0.000017	Area (sq ft)	153659.00	24650.55	73629.62
Q Total (cfs)	181876.70	Flow (cfs)	104203.00	22655.78	55017.93
Top width (ft)	3426.86	Top width (ft)	2271.69	225.00	930.17
Vel Total (ft/s)	0.72	Avg. Vel. (ft/s)	0.68	0.92	0.75
Max Chl Dpth (ft)	114.85	Hydr. Depth (ft)	67.64	109.56	79.16
Conv. Total (cfs)	44049780.0	Conv. (cfs)	25237530.0	5487135.0	13325110.0
Length wtd. (ft)	1.00	wetted Per. (ft)	2276.04	231.42	942.93
Min Ch El (ft)	645.60	Shear (lb/sq ft)	0.07	0.11	0.08
Alpha	1.03	Stream Power (lb/ft s)	0.05	0.10	0.06
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	407124.80	23700.21	160213.70
C & E Loss (ft)		Cum SA (acres)	3814.62	157.52	1456.72

CROSS SECTION

RIVER: SQUAW CREEK
 REACH: SC

RS: 24752.*

INPUT

Description:

Station Elevation Data	num=	17							
Sta Elev Sta Elev Sta Elev Sta Elev Sta Elev									
0 810 250 790 850 720 1000 720 1200 710									
1400 700 1500 703 1875 671 2500 660 2775 660									
2825 650 2825 645.5 2900 645.5 3000 660 3125 660									
3600 668 4000 780									

Manning's n Values	num=	3			
Sta n Val Sta n Val					
0 .15 2775 .15 3000 .15					

Bank Sta: Left Right	Lengths: Left Channel Right	Coeff Contr.	Expan.
2775 3000	1 1 1	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.46	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.45	Reach Len. (ft)	1.00	1.00	1.00
Crit W.S. (ft)		Flow Area (sq ft)	153658.70	24663.03	73629.50

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E.G. Slope (ft/ft)	0.000017	Area (sq ft)	153658.70	24663.03	73629.50
Q Total (cfs)	181876.70	Flow (cfs)	104196.30	22666.03	55014.40
Top Width (ft)	3426.85	Top Width (ft)	2271.69	225.00	930.17
Vel Total (ft/s)	0.72	Avg. Vel. (ft/s)	0.68	0.92	0.75
Max Chl Dpth (ft)	114.95	Hydr. Depth (ft)	67.64	109.61	79.16
Conv. Total (cfs)	44052500.0	Conv. (cfs)	25237460.0	5489956.0	13325080.0
Length wtd. (ft)	1.00	Wetted Per. (ft)	2276.04	231.54	942.93
Min Ch El (ft)	645.50	Shear (lb/sq ft)	0.07	0.11	0.08
Alpha	1.03	Stream Power (lb/ft s)	0.05	0.10	0.06
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	407121.30	23699.64	160212.00
C & E Loss (ft)		Cum SA (acres)	3814.57	157.51	1456.70

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 24751.*

INPUT

Description:

Station	Elevation	Data	num=	17						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	810	250	790	850	720	1000	720	1200	710	
1400	700	1500	703	1875	671	2500	660	2775	660	
2825	650	2825	645.4	2900	645.4	3000	660	3125	660	
3600	668	4000	780							

Manning's n	Values	num=	3						
Sta	n Val	Sta	n Val	Sta	n Val				
0	.15	2775	.15	3000	.15				

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	2775	3000		1	1	1		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.46	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.45	Reach Len. (ft)	1.00	1.00	1.00
Crit W.S. (ft)		Flow Area (sq ft)	153658.70	24675.52	73629.50
E.G. Slope (ft/ft)	0.000017	Area (sq ft)	153658.70	24675.52	73629.50
Q Total (cfs)	181876.70	Flow (cfs)	104189.60	22676.25	55010.87
Top Width (ft)	3426.85	Top Width (ft)	2271.69	225.00	930.17
Vel Total (ft/s)	0.72	Avg. Vel. (ft/s)	0.68	0.92	0.75
Max Chl Dpth (ft)	115.05	Hydr. Depth (ft)	67.64	109.67	79.16
Conv. Total (cfs)	44055320.0	Conv. (cfs)	25237460.0	5492784.0	13325080.0
Length wtd. (ft)	1.00	Wetted Per. (ft)	2276.04	231.65	942.93
Min Ch El (ft)	645.40	Shear (lb/sq ft)	0.07	0.11	0.08
Alpha	1.03	Stream Power (lb/ft s)	0.05	0.10	0.06
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	407117.80	23699.07	160210.30
C & E Loss (ft)		Cum SA (acres)	3814.52	157.51	1456.68

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 24750.*

INPUT

Description:

Station	Elevation	Data	num=	17					
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	810	250	790	850	720	1000	720	1200	710
1400	700	1500	703	1875	671	2500	660	2775	660
2825	650	2825	645.3	2900	645.3	3000	660	3125	660
3600	668	4000	780						

Manning's n	Values	num=	3						
Sta	n Val	Sta	n Val	Sta	n Val				
0	.15	2775	.15	3000	.15				

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	2775	3000		1	1	1		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.46	Element	Left OB	Channel	Right OB
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				Rev3.rep			
Vel Head (ft)	0.01	wt. n-Val.	0.150	0.150	0.150		
W.S. Elev (ft)	760.45	Reach Len. (ft)	1.00	1.00	1.00		
Crit W.S. (ft)		Flow Area (sq ft)	153658.70	24688.03	73629.50		
E.G. Slope (ft/ft)	0.000017	Area (sq ft)	153658.70	24688.03	73629.50		
Q Total (cfs)	181876.70	Flow (cfs)	104182.90	22686.47	55007.34		
Top width (ft)	3426.85	Top width (ft)	2271.69	225.00	930.17		
Vel Total (ft/s)	0.72	Avg. Vel. (ft/s)	0.68	0.92	0.75		
Max Chl Dpth (ft)	115.15	Hydr. Depth (ft)	67.64	109.72	79.16		
Conv. Total (cfs)	44058150.0	Conv. (cfs)	25237460.0	5495612.0	13325080.0		
Length Wtd. (ft)	1.00	Wetted Per. (ft)	2276.04	231.76	942.93		
Min Ch El (ft)	645.30	Shear (lb/sq ft)	0.07	0.11	0.08		
Alpha	1.03	Stream Power (lb/ft s)	0.05	0.10	0.06		
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	407114.20	23698.51	160208.60		
C & E Loss (ft)		Cum SA (acres)	3814.47	157.50	1456.66		

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 24749.*

INPUT

Description:

Station Elevation Data				num=	17				
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	810	250	790	850	720	1000	720	1200	710
1400	700	1500	703	1875	671	2500	660	2775	660
2825	650	2825	645.2	2900	645.2	3000	660	3125	660
3600	668	4000	780						

Manning's n Values

Sta		n Val		Sta		n Val		Sta		n Val	
0		.15		2775		.15		3000		.15	

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff Contr.	Expan.
	2775	3000		1	1	1	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.46	Element	Left OB	Channel	Right OB		
Vel Head (ft)	0.01	wt. n-Val.	0.150	0.150	0.150		
W.S. Elev (ft)	760.45	Reach Len. (ft)	1.00	1.00	1.00		
Crit W.S. (ft)		Flow Area (sq ft)	153658.70	24700.52	73629.50		
E.G. Slope (ft/ft)	0.000017	Area (sq ft)	153658.70	24700.52	73629.50		
Q Total (cfs)	181876.70	Flow (cfs)	104176.20	22696.67	55003.80		
Top width (ft)	3426.85	Top width (ft)	2271.69	225.00	930.17		
Vel Total (ft/s)	0.72	Avg. Vel. (ft/s)	0.68	0.92	0.75		
Max Chl Dpth (ft)	115.25	Hydr. Depth (ft)	67.64	109.78	79.16		
Conv. Total (cfs)	44060980.0	Conv. (cfs)	25237460.0	5498438.0	13325080.0		
Length Wtd. (ft)	1.00	Wetted Per. (ft)	2276.04	231.88	942.93		
Min Ch El (ft)	645.20	Shear (lb/sq ft)	0.07	0.11	0.08		
Alpha	1.03	Stream Power (lb/ft s)	0.05	0.10	0.06		
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	407110.70	23697.94	160206.90		
C & E Loss (ft)		Cum SA (acres)	3814.41	157.50	1456.64		

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 24748.*

INPUT

Description:

Station Elevation Data				num=	17				
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	810	250	790	850	720	1000	720	1200	710
1400	700	1500	703	1875	671	2500	660	2775	660
2825	650	2825	645.1	2900	645.1	3000	660	3125	660
3600	668	4000	780						

Manning's n Values

num=		3			
Sta	n Val	Sta	n Val	Sta	n Val
0	.15	2775	.15	3000	.15

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff Contr.	Expan.
	2775	3000		1	1	1	.1	.3

Rev3.rep

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.46	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.45	Reach Len. (ft)	1.00	1.00	1.00
Crit W.S. (ft)		Flow Area (sq ft)	153658.70	24713.03	73629.50
E.G. Slope (ft/ft)	0.000017	Area (sq ft)	153658.70	24713.03	73629.50
Q Total (cfs)	181876.60	Flow (cfs)	104169.50	22706.87	55000.25
Top width (ft)	3426.85	Top width (ft)	2271.69	225.00	930.17
Vel Total (ft/s)	0.72	Avg. Vel. (ft/s)	0.68	0.92	0.75
Max Chl Dpth (ft)	115.35	Hydr. Depth (ft)	67.64	109.84	79.16
Conv. Total (cfs)	44063800.0	Conv. (cfs)	25237460.0	5501263.0	13325080.0
Length Wtd. (ft)	1.00	Wetted Per. (ft)	2276.04	231.99	942.93
Min Ch El (ft)	645.10	Shear (lb/sq ft)	0.07	0.11	0.08
Alpha	1.03	Stream Power (lb/ft s)	0.05	0.10	0.06
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	407107.20	23697.38	160205.20
C & E Loss (ft)		Cum SA (acres)	3814.36	157.49	1456.62

CROSS SECTION

RIVER: SQUAW CREEK
 REACH: SC

RS: 24747

INPUT

Description:

Station	Elevation	Data	num=	17						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	810	250	790	850	720	1000	720	1200	710	
1400	700	1500	703	1875	671	2500	660	2775	660	
2825	650	2825	645	2900	645	3000	660	3125	660	
3600	668	4000	780							

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	2775	.15	3000	.15

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff Contr.	Expan.
	2775	3000		24.5	24.5	24.5	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.46	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.45	Reach Len. (ft)	24.50	24.50	24.50
Crit W.S. (ft)		Flow Area (sq ft)	153658.70	24725.53	73629.50
E.G. Slope (ft/ft)	0.000017	Area (sq ft)	153658.70	24725.53	73629.50
Q Total (cfs)	181876.60	Flow (cfs)	104162.80	22717.06	54996.72
Top width (ft)	3426.85	Top width (ft)	2271.69	225.00	930.17
Vel Total (ft/s)	0.72	Avg. Vel. (ft/s)	0.68	0.92	0.75
Max Chl Dpth (ft)	115.45	Hydr. Depth (ft)	67.64	109.89	79.16
Conv. Total (cfs)	44066630.0	Conv. (cfs)	25237460.0	5504086.0	13325080.0
Length Wtd. (ft)	24.50	Wetted Per. (ft)	2276.04	232.11	942.93
Min Ch El (ft)	645.00	Shear (lb/sq ft)	0.07	0.11	0.08
Alpha	1.03	Stream Power (lb/ft s)	0.05	0.10	0.06
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	407103.60	23696.81	160203.50
C & E Loss (ft)		Cum SA (acres)	3814.31	157.49	1456.60

CROSS SECTION

RIVER: SQUAW CREEK
 REACH: SC

RS: 24722.5*

INPUT

Description:

Station	Elevation	Data	num=	17						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	810	250	790	850	720	1000	720	1200	710	
1400	700	1500	703	1875	671	2500	660	2775	660	
2825	650	2825	644.83	2900	644.83	3000	660	3125	660	
3600	668	4000	780							

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	2775	.15	3000	.15

Bank Sta: Left Right Lengths: Left Channel Right
 2775 3000 24.5 24.5 24.5

Rev3.rep
 Coeff Contr. Expan.
 .1 .3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.45	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.45	Reach Len. (ft)	24.50	24.50	24.50
Crit W.S. (ft)		Flow Area (sq ft)	153657.90	24746.69	73629.17
E.G. Slope (ft/ft)	0.000017	Area (sq ft)	153657.90	24746.69	73629.17
Q Total (cfs)	181876.40	Flow (cfs)	104151.30	22734.39	54990.73
Top Width (ft)	3426.85	Top Width (ft)	2271.68	225.00	930.17
Vel Total (ft/s)	0.72	Avg. Vel. (ft/s)	0.68	0.92	0.75
Max Chl Dpth (ft)	115.62	Hydr. Depth (ft)	67.64	109.99	79.16
Conv. Total (cfs)	44071100.0	Conv. (cfs)	25237260.0	5508850.0	13324990.0
Length Wtd. (ft)	24.50	Wetted Per. (ft)	2276.04	232.30	942.93
Min Ch El (ft)	644.83	Shear (lb/sq ft)	0.07	0.11	0.08
Alpha	1.03	Stream Power (lb/ft s)	0.05	0.10	0.06
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	407017.20	23682.89	160162.10
C & E Loss (ft)		Cum SA (acres)	3813.03	157.36	1456.07

CROSS SECTION

RIVER: SQUAW CREEK
 REACH: SC

RS: 24698.*

INPUT

Description:

Station	Elevation	Data	num=	17						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	810	250	790	850	720	1000	720	1200	710	
1400	700	1500	703	1875	671	2500	660	2775	660	
2825	650	2825	644.67	2900	644.67	3000	660	3125	660	
3600	668	4000	780							

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	2775	.15	3000	.15

Bank Sta: Left Right Lengths: Left Channel Right
 2775 3000 24.5 24.5 24.5

Coeff Contr. Expan.
 .1 .3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.45	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.45	Reach Len. (ft)	24.50	24.50	24.50
Crit W.S. (ft)		Flow Area (sq ft)	153656.80	24766.58	73628.72
E.G. Slope (ft/ft)	0.000017	Area (sq ft)	153656.80	24766.58	73628.72
Q Total (cfs)	181876.20	Flow (cfs)	104140.40	22750.71	54985.09
Top Width (ft)	3426.84	Top Width (ft)	2271.68	225.00	930.16
Vel Total (ft/s)	0.72	Avg. Vel. (ft/s)	0.68	0.92	0.75
Max Chl Dpth (ft)	115.78	Hydr. Depth (ft)	67.64	110.07	79.16
Conv. Total (cfs)	44075180.0	Conv. (cfs)	25236990.0	5513320.0	13324870.0
Length Wtd. (ft)	24.50	Wetted Per. (ft)	2276.04	232.49	942.93
Min Ch El (ft)	644.67	Shear (lb/sq ft)	0.07	0.11	0.08
Alpha	1.03	Stream Power (lb/ft s)	0.05	0.10	0.06
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	406930.80	23668.97	160120.70
C & E Loss (ft)		Cum SA (acres)	3811.75	157.24	1455.55

CROSS SECTION

RIVER: SQUAW CREEK
 REACH: SC

RS: 24673.5*

INPUT

Description:

Station	Elevation	Data	num=	17						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	810	250	790	850	720	1000	720	1200	710	
1400	700	1500	703	1875	671	2500	660	2775	660	
2825	650	2825	644.5	2900	644.5	3000	660	3125	660	
3600	668	4000	780							

Manning's n Values

num= 3

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Sta	n Val	Sta	n Val	Sta	n Val			
0	.15	2775	.15	3000	.15			

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	2775	3000		24.5	24.5	24.5	.1	.3	

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.45	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.45	Reach Len. (ft)	24.50	24.50	24.50
Crit W.S. (ft)		Flow Area (sq ft)	153656.10	24787.76	73628.42
E.G. Slope (ft/ft)	0.000017	Area (sq ft)	153656.10	24787.76	73628.42
Q Total (cfs)	181876.00	Flow (cfs)	104128.90	22768.00	54979.07
Top width (ft)	3426.84	Top width (ft)	2271.68	225.00	930.16
Vel Total (ft/s)	0.72	Avg. Vel. (ft/s)	0.68	0.92	0.75
Max Chl Dpth (ft)	115.95	Hydr. Depth (ft)	67.64	110.17	79.16
Conv. Total (cfs)	44079700.0	Conv. (cfs)	25236820.0	5518081.0	13324800.0
Length Wtd. (ft)	24.50	wetted Per. (ft)	2276.03	232.68	942.93
Min Ch El (ft)	644.50	Shear (lb/sq ft)	0.07	0.11	0.08
Alpha	1.03	Stream Power (lb/ft s)	0.05	0.10	0.06
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	406844.30	23655.04	160079.30
C & E Loss (ft)		Cum SA (acres)	3810.48	157.11	1455.03

CROSS SECTION

RIVER: SQUAW CREEK
 REACH: SC

RS: 24649.*

INPUT

Description:

Station	Elevation	Data	num=	17						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	810	250	790	850	720	1000	720	1200	710	
1400	700	1500	703	1875	671	2500	660	2775	660	
2825	650	2825	644.33	2900	644.33	3000	660	3125	660	
3600	668	4000	780							

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	2775	.15	3000	.15

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	2775	3000		24.5	24.5	24.5	.1	.3	

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.45	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.45	Reach Len. (ft)	24.50	24.50	24.50
Crit W.S. (ft)		Flow Area (sq ft)	153655.00	24808.90	73627.97
E.G. Slope (ft/ft)	0.000017	Area (sq ft)	153655.00	24808.90	73627.97
Q Total (cfs)	181875.70	Flow (cfs)	104117.40	22785.28	54973.06
Top width (ft)	3426.83	Top width (ft)	2271.67	225.00	930.16
Vel Total (ft/s)	0.72	Avg. Vel. (ft/s)	0.68	0.92	0.75
Max Chl Dpth (ft)	116.12	Hydr. Depth (ft)	67.64	110.26	79.16
Conv. Total (cfs)	44084040.0	Conv. (cfs)	25236540.0	5522823.0	13324680.0
Length Wtd. (ft)	24.50	wetted Per. (ft)	2276.03	232.88	942.93
Min Ch El (ft)	644.33	Shear (lb/sq ft)	0.07	0.11	0.08
Alpha	1.03	Stream Power (lb/ft s)	0.05	0.10	0.06
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	406757.90	23641.09	160037.90
C & E Loss (ft)		Cum SA (acres)	3809.20	156.98	1454.50

CROSS SECTION

RIVER: SQUAW CREEK
 REACH: SC

RS: 24624.5*

INPUT

Description:

Station	Elevation	Data	num=	17						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	810	250	790	850	720	1000	720	1200	710	
1400	700	1500	703	1875	671	2500	660	2775	660	
2825	650	2825	644.17	2900	644.17	3000	660	3125	660	

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3600	668	4000	780				
Manning's n Values				num=	3		
Sta	n Val	Sta	n Val	Sta	n Val		
0	.15	2775	.15	3000	.15		
Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	2775	3000		24.5	24.5	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.45	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.44	Reach Len. (ft)	24.50	24.50	24.50
Crit W.S. (ft)		Flow Area (sq ft)	153654.00	24828.81	73627.58
E.G. Slope (ft/ft)	0.000017	Area (sq ft)	153654.00	24828.81	73627.58
Q Total (cfs)	181875.50	Flow (cfs)	104106.50	22801.53	54967.43
Top width (ft)	3426.83	Top width (ft)	2271.67	225.00	930.16
Vel Total (ft/s)	0.72	Avg. Vel. (ft/s)	0.68	0.92	0.75
Max Chl Dpth (ft)	116.27	Hydr. Depth (ft)	67.64	110.35	79.16
Conv. Total (cfs)	44088170.0	Conv. (cfs)	25236310.0	5527285.0	13324570.0
Length wtd. (ft)	24.50	Wetted Per. (ft)	2276.02	233.07	942.93
Min Ch El (ft)	644.17	Shear (lb/sq ft)	0.07	0.11	0.08
Alpha	1.03	Stream Power (lb/ft s)	0.05	0.10	0.06
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	406671.50	23627.13	159996.50
C & E Loss (ft)		Cum SA (acres)	3807.92	156.86	1453.98

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 24600

INPUT

Description:

Station	Elevation	Data	num=	17						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	810	250	790	850	720	1000	720	1200	710	
1400	700	1500	703	1875	671	2500	660	2775	660	
2825	650	2825	644	2900	644	3000	660	3125	660	
3600	668	4000	780							

Manning's n Values				num=	3		
Sta	n Val	Sta	n Val	Sta	n Val		
0	.15	2775	.15	3000	.15		

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	2775	3000		23.77	23.77	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.45	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.44	Reach Len. (ft)	23.77	23.77	23.77
Crit W.S. (ft)		Flow Area (sq ft)	153653.00	24849.96	73627.19
E.G. Slope (ft/ft)	0.000017	Area (sq ft)	153653.00	24849.96	73627.19
Q Total (cfs)	181875.20	Flow (cfs)	104095.00	22818.76	54961.44
Top width (ft)	3426.82	Top width (ft)	2271.67	225.00	930.16
Vel Total (ft/s)	0.72	Avg. Vel. (ft/s)	0.68	0.92	0.75
Max Chl Dpth (ft)	116.44	Hydr. Depth (ft)	67.64	110.44	79.16
Conv. Total (cfs)	44092560.0	Conv. (cfs)	25236070.0	5532023.0	13324470.0
Length wtd. (ft)	23.77	Wetted Per. (ft)	2276.02	233.26	942.92
Min Ch El (ft)	644.00	Shear (lb/sq ft)	0.07	0.11	0.08
Alpha	1.03	Stream Power (lb/ft s)	0.05	0.10	0.06
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	406585.10	23613.16	159955.10
C & E Loss (ft)		Cum SA (acres)	3806.64	156.73	1453.46

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 24576.2*

INPUT

Description:

Station	Elevation	Data	num=	33						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	

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Rev3.rep									
0	810	50.42	806.27	249.83	790.67	403.36	773.45	806.71	725.37
849.41	720.51	999.31	719.59	1008.39	719.12	1008.39	718.73	1184.86	710.58
1199.17	710.1	1210.07	709.73	1260.49	707.4	1399.03	701.6	1498.96	704.8
1563.01	700.03	1815.1	680.16	1815.1	679.77	1865.52	675.34	1873.7	674.66
2268.88	666.81	2470.56	660.84	2498.27	660.32	2647.03	660	2773.08	660
2823.08	649.46	2823.08	643.92	2900	643.92	3000	660	3128.85	660.18
3552.2	667.15	3618.46	669.54	4030.77	781.54				
Manning's n Values									
Sta	n Val	Sta	num=	3	Sta	n Val			
0	.15	2773.08	.15	3000	.15				
Bank Sta: Left	Right	Lengths: Left	Channel	Right	Coeff	Contr.	Expan.		
2773.08	3000	23.77	23.77	23.77	.1	.3			
CROSS SECTION OUTPUT Profile #Max WS									
E.G. Elev (ft)	760.45	Element	Left OB	Channel	Right OB				
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150				
W.S. Elev (ft)	760.44	Reach Len. (ft)	23.77	23.77	23.77				
Crit W.S. (ft)		Flow Area (sq ft)	150236.90	25097.07	75214.72				
E.G. Slope (ft/ft)	0.000017	Area (sq ft)	150236.90	25097.07	75214.72				
Q Total (cfs)	181875.00	Flow (cfs)	101772.80	23368.90	56733.32				
Top width (ft)	3440.64	Top width (ft)	2260.61	226.92	953.11				
Vel Total (ft/s)	0.73	Avg. Vel. (ft/s)	0.68	0.93	0.75				
Max Chl Dpth (ft)	116.52	Hydr. Depth (ft)	66.46	110.60	78.92				
Conv. Total (cfs)	43573730.0	Conv. (cfs)	24382790.0	5598737.0	13592200.0				
Length wtd. (ft)	23.77	Wetted Per. (ft)	2265.55	234.84	965.34				
Min Ch El (ft)	643.92	Shear (lb/sq ft)	0.07	0.12	0.08				
Alpha	1.04	Stream Power (lb/ft s)	0.05	0.11	0.06				
Frctn Loss (ft)	0.00	Cum volume (acre-ft)	406502.20	23599.53	159914.50				
C & E Loss (ft)		Cum SA (acres)	3805.41	156.61	1452.94				

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 24552.4*

INPUT

Description:

Station Elevation Data									
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	810	50.38	806.58	249.65	791.34	403.08	774.83	806.15	725.76
848.82	721.02	998.61	719.19	1007.69	718.69	1007.69	717.92	1184.04	710.45
1198.34	710.2	1209.23	710	1259.62	707.87	1398.06	703.2	1497.92	706.6
1561.92	702.53	1813.85	684.31	1813.85	683.54	1864.23	678.98	1872.4	678.33
2267.31	669.57	2468.85	661.18	2496.53	660.65	2645.19	660	2771.15	660
2821.15	648.92	2821.15	643.85	2900	643.85	3000	660	3132.69	660.36
3568.68	667.39	3636.92	671.08	4061.54	783.08				

Manning's n Values									
Sta	n Val	Sta	num=	3	Sta	n Val			
0	.15	2771.15	.15	3000	.15				

Bank Sta: Left	Right	Lengths: Left	Channel	Right	Coeff	Contr.	Expan.		
2771.15	3000	23.77	23.77	23.77	.1	.3			

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.45	Element	Left OB	Channel	Right OB				
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150				
W.S. Elev (ft)	760.44	Reach Len. (ft)	23.77	23.77	23.77				
Crit W.S. (ft)		Flow Area (sq ft)	146832.90	25344.36	76768.75				
E.G. Slope (ft/ft)	0.000018	Area (sq ft)	146832.90	25344.36	76768.75				
Q Total (cfs)	181874.70	Flow (cfs)	99429.29	23931.40	58514.00				
Top width (ft)	3454.46	Top width (ft)	2249.89	228.85	975.72				
Vel Total (ft/s)	0.73	Avg. Vel. (ft/s)	0.68	0.94	0.76				
Max Chl Dpth (ft)	116.59	Hydr. Depth (ft)	65.26	110.75	78.68				
Conv. Total (cfs)	43056980.0	Conv. (cfs)	23538870.0	5665514.0	13852590.0				
Length wtd. (ft)	23.77	Wetted Per. (ft)	2255.47	236.43	987.46				
Min Ch El (ft)	643.85	Shear (lb/sq ft)	0.07	0.12	0.09				
Alpha	1.04	Stream Power (lb/ft s)	0.05	0.11	0.07				
Frctn Loss (ft)	0.00	Cum volume (acre-ft)	406421.10	23585.77	159873.00				
C & E Loss (ft)		Cum SA (acres)	3804.18	156.48	1452.42				

CROSS SECTION

Rev3.rep

RIVER: SQUAW CREEK
REACH: SC

RS: 24528.6*

INPUT

Description:

Station Elevation Data			num= 33			Elev Sta Elev			Elev Sta Elev		
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	810	50.35	806.9	249.48	792.01	402.8	776.21	805.59	726.14		
848.23	721.53	997.92	718.78	1006.99	718.27	1006.99	717.11	1183.22	710.32		
1197.51	710.29	1208.39	710.27	1258.74	708.33	1397.09	704.8	1496.88	708.4		
1560.84	705.02	1812.59	688.46	1812.59	687.31	1862.94	682.61	1871.1	681.99		
2265.73	672.34	2467.13	661.53	2494.8	660.97	2643.36	660	2769.23	660		
2819.23	648.38	2819.23	643.77	2900	643.77	3000	660	3136.54	660.54		
3585.16	667.63	3655.38	672.62	4092.31	784.62						

Manning's n Values			num= 3		
Sta	n Val	Sta	n Val	Sta	n Val
0	.15	2769.23	.15	3000	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	2769.23	3000		23.77	23.77	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.45	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.44	Reach Len. (ft)	23.77	23.77	23.77
Crit W.S. (ft)		Flow Area (sq ft)	143449.20	25592.06	78292.16
E.G. Slope (ft/ft)	0.000018	Area (sq ft)	143449.20	25592.06	78292.16
Q Total (cfs)	181874.40	Flow (cfs)	97065.64	24505.20	60303.57
Top Width (ft)	3468.35	Top Width (ft)	2239.59	230.77	997.99
Vel Total (ft/s)	0.74	Avg. Vel. (ft/s)	0.68	0.96	0.77
Max Chl Dpth (ft)	116.67	Hydr. Depth (ft)	64.05	110.90	78.45
Conv. Total (cfs)	42545050.0	Conv. (cfs)	22706120.0	5732390.0	14106540.0
Length wtd. (ft)	23.77	Wetted Per. (ft)	2245.88	238.02	1009.30
Min Ch El (ft)	643.77	Shear (lb/sq ft)	0.07	0.12	0.09
Alpha	1.04	Stream Power (lb/ft s)	0.05	0.12	0.07
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	406341.90	23571.87	159830.70
C & E Loss (ft)		Cum SA (acres)	3802.95	156.36	1451.88

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 24504.9*

INPUT

Description:

Station Elevation Data			num= 33			Elev Sta Elev			Elev Sta Elev		
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	810	50.31	807.21	249.31	792.68	402.52	777.59	805.03	726.53		
847.64	722.03	997.23	718.38	1006.29	717.84	1006.29	716.3	1182.4	710.19		
1196.67	710.39	1207.55	710.55	1257.87	708.8	1396.12	706.4	1495.84	710.2		
1559.76	707.52	1811.33	692.62	1811.33	691.08	1861.64	686.25	1869.8	685.65		
2264.16	675.1	2465.42	661.88	2493.07	661.3	2641.52	660	2767.31	660		
2817.31	647.85	2817.31	643.69	2900	643.69	3000	660	3140.38	660.72		
3601.65	667.87	3673.85	674.15	4123.08	786.15						

Manning's n Values			num= 3		
Sta	n Val	Sta	n Val	Sta	n Val
0	.15	2767.31	.15	3000	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	2767.31	3000		23.77	23.77	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.45	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.44	Reach Len. (ft)	23.77	23.77	23.77
Crit W.S. (ft)		Flow Area (sq ft)	140074.60	25839.79	79789.83
E.G. Slope (ft/ft)	0.000019	Area (sq ft)	140074.60	25839.79	79789.83
Q Total (cfs)	181874.20	Flow (cfs)	94675.80	25090.16	62108.23
Top Width (ft)	3482.27	Top Width (ft)	2229.61	232.69	1019.97
Vel Total (ft/s)	0.74	Avg. Vel. (ft/s)	0.68	0.97	0.78
Max Chl Dpth (ft)	116.75	Hydr. Depth (ft)	62.82	111.05	78.23

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Conv. Total (cfs)	42036830.0	Conv. (cfs)	21882550.0	5799124.0	14355160.0
Length Wtd. (ft)	23.77	wetted Per. (ft)	2236.70	239.63	1030.89
Min Ch El (ft)	643.69	Shear (lb/sq ft)	0.07	0.13	0.09
Alpha	1.05	Stream Power (lb/ft s)	0.05	0.12	0.07
Frctn Loss (ft)	0.00	Cum volume (acre-ft)	406264.60	23557.84	159787.60
C & E Loss (ft)		Cum SA (acres)	3801.73	156.23	1451.33

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 24481.1*

INPUT

Description:

Station Elevation Data			num= 33			Elev			Sta		
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	810	50.28	807.52	249.13	793.35	402.24	778.97	804.48	726.91		
847.05	722.54	996.53	717.97	1005.59	717.41	1005.59	715.49	1181.57	710.06		
1195.84	710.49	1206.71	710.82	1256.99	709.27	1395.15	707.99	1494.8	712		
1558.67	710.02	1810.07	696.77	1810.07	694.85	1860.35	689.89	1868.5	689.31		
2262.59	677.87	2463.71	662.22	2491.34	661.62	2639.69	660	2765.38	660		
2815.38	647.31	2815.38	643.62	2900	643.62	3000	660	3144.23	660.9		
3618.13	668.1	3692.31	675.69	4153.85	787.69						

Manning's n Values

num= 3		
Sta	n Val	Sta
0	.15	2765.38

Bank Sta: Left	Right	Lengths: Left	Channel	Right	Coeff Contr.	Expan.
2765.38	3000	23.77	23.77	23.77	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.45	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.44	Reach Len. (ft)	23.77	23.77	23.77
Crit W.S. (ft)		Flow Area (sq ft)	136716.00	26087.95	81256.73
E.G. Slope (ft/ft)	0.000019	Area (sq ft)	136716.00	26087.95	81256.73
Q Total (cfs)	181873.90	Flow (cfs)	92264.36	25687.27	63922.29
Top width (ft)	3496.16	Top width (ft)	2219.98	234.62	1041.56
Vel Total (ft/s)	0.75	Avg. Vel. (ft/s)	0.67	0.98	0.79
Max Chl Dpth (ft)	116.82	Hydr. Depth (ft)	61.58	111.19	78.01
Conv. Total (cfs)	41534060.0	Conv. (cfs)	21070170.0	5866133.0	14597760.0
Length Wtd. (ft)	23.77	wetted Per. (ft)	2227.93	241.23	1052.14
Min Ch El (ft)	643.62	Shear (lb/sq ft)	0.07	0.13	0.09
Alpha	1.05	Stream Power (lb/ft s)	0.05	0.13	0.07
Frctn Loss (ft)	0.00	Cum volume (acre-ft)	406189.00	23543.67	159743.70
C & E Loss (ft)		Cum SA (acres)	3800.52	156.10	1450.77

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 24457.3*

INPUT

Description:

Station Elevation Data			num= 33			Elev			Sta		
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	810	50.24	807.83	248.96	794.02	401.96	780.35	803.92	727.3		
846.47	723.05	995.84	717.56	1004.9	716.99	1004.9	714.68	1180.75	709.92		
1195.01	710.59	1205.87	711.09	1256.12	709.73	1394.18	709.59	1493.76	713.8		
1557.59	712.52	1808.81	700.93	1808.81	698.62	1859.06	693.53	1867.2	692.98		
2261.01	680.64	2461.99	662.57	2489.6	661.95	2637.85	660	2763.46	660		
2813.46	646.77	2813.46	643.54	2900	643.54	3000	660	3148.08	661.08		
3634.62	668.34	3710.77	677.23	4184.62	789.23						

Manning's n Values

num= 3		
Sta	n Val	Sta
0	.15	2763.46

Bank Sta: Left	Right	Lengths: Left	Channel	Right	Coeff Contr.	Expan.
2763.46	3000	23.77	23.77	23.77	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

Rev3.rep			
E.G. Elev (ft)	760.45	Element	Left OB
Vel Head (ft)	0.01	Wt. n-Val.	0.150
W.S. Elev (ft)	760.44	Reach Len. (ft)	23.77
Crit W.S. (ft)		Flow Area (sq ft)	133364.30
E.G. Slope (ft/ft)	0.000020	Area (sq ft)	133364.30
Q Total (cfs)	181873.60	Flow (cfs)	89828.77
Top width (ft)	3510.01	Top width (ft)	2210.65
Vel Total (ft/s)	0.75	Avg. Vel. (ft/s)	0.67
Max Chl Dpth (ft)	116.90	Hydr. Depth (ft)	60.33
Conv. Total (cfs)	41034280.0	Conv. (cfs)	20267150.0
Length Wtd. (ft)	23.77	wetted Per. (ft)	2219.56
Min Ch El (ft)	643.54	Shear (lb/sq ft)	0.07
Alpha	1.06	Stream Power (lb/ft s)	0.05
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	406115.30
C & E Loss (ft)		Cum SA (acres)	3799.31
			155.97
			1450.19

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 24433.6*

INPUT

Description:

Station Elevation Data			num=	33
Sta	Elev	Sta	Elev	Sta
0	810	50.21	808.14	248.79
845.88	723.56	995.15	717.16	1004.2
1194.18	710.68	1205.03	711.36	1255.24
1556.5	715.01	1807.55	705.08	1807.55
2259.44	683.4	2460.28	662.92	2487.87
2811.54	646.23	2811.54	643.46	2900
3651.1	668.58	3729.23	678.77	4215.38
				790.77

Manning's n Values

Sta	n Val	Sta	n Val
0	.15	2761.54	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	2761.54	3000		23.77	23.77	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.45	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.44	Reach Len. (ft)	23.77	23.77	23.77
Crit W.S. (ft)		Flow Area (sq ft)	130031.20	26585.40	84100.16
E.G. Slope (ft/ft)	0.000020	Area (sq ft)	130031.20	26585.40	84100.16
Q Total (cfs)	181873.30	Flow (cfs)	87374.61	26918.25	67580.45
Top width (ft)	3523.81	Top width (ft)	2201.62	238.46	1083.73
Vel Total (ft/s)	0.76	Avg. Vel. (ft/s)	0.67	1.01	0.80
Max Chl Dpth (ft)	116.98	Hydr. Depth (ft)	59.06	111.49	77.60
Conv. Total (cfs)	40541940.0	Conv. (cfs)	19476950.0	6000431.0	15064570.0
Length Wtd. (ft)	23.77	wetted Per. (ft)	2211.53	244.45	1093.74
Min Ch El (ft)	643.46	Shear (lb/sq ft)	0.07	0.14	0.10
Alpha	1.07	Stream Power (lb/ft s)	0.05	0.14	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	406043.50	23514.93	159653.40
C & E Loss (ft)		Cum SA (acres)	3798.10	155.84	1449.61

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 24409.8*

INPUT

Description:

Station Elevation Data			num=	33
Sta	Elev	Sta	Elev	Sta
0	810	50.17	808.45	248.61
845.29	724.07	994.46	716.75	1003.5
1193.35	710.78	1204.2	711.64	1254.37
1555.42	717.51	1806.29	709.23	1806.29
2257.87	686.17	2458.57	663.26	2486.14
2809.62	645.69	2809.62	643.38	2900
3667.58	668.81	3747.69	680.31	4246.15
				792.31

Rev3.rep
Manning's n Values num= 3
Sta n Val Sta n Val Sta n Val
0 .15 2759.62 .15 3000 .15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
2759.62 3000 23.77 23.77 23.77 .1 .3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.45	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.44	Reach Len. (ft)	23.77	23.77	23.77
Crit W.S. (ft)		Flow Area (sq ft)	126708.40	26834.57	85484.24
E.G. Slope (ft/ft)	0.000021	Area (sq ft)	126708.40	26834.57	85484.24
Q Total (cfs)	181873.00	Flow (cfs)	84895.24	27549.98	69427.77
Top Width (ft)	3537.58	Top Width (ft)	2192.89	240.38	1104.31
Vel Total (ft/s)	0.76	Avg. Vel. (ft/s)	0.67	1.03	0.81
Max Chl Dpth (ft)	117.06	Hydr. Depth (ft)	57.78	111.63	77.41
Conv. Total (cfs)	40056280.0	Conv. (cfs)	18697600.0	6067695.0	15290990.0
Length Wtd. (ft)	23.77	wetted Per. (ft)	2203.90	246.07	1114.08
Min Ch El (ft)	643.38	Shear (lb/sq ft)	0.07	0.14	0.10
Alpha	1.07	Stream Power (lb/ft s)	0.05	0.14	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	405973.40	23500.35	159607.10
C & E Loss (ft)		Cum SA (acres)	3796.91	155.71	1449.01

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 24386.0*

INPUT

Description:

Station	Elevation	Data	num=	33
Sta	Elev	Sta	Elev	Sta
0	810	50.14	808.76	248.44
844.7	724.58	993.76	716.35	1002.8
1192.52	710.88	1203.36	711.91	1253.5
1554.34	720.01	1805.03	713.39	1805.03
2256.29	688.94	2456.85	663.61	2484.41
2807.69	645.15	2807.69	643.31	2900
3684.07	669.05	3766.15	681.85	4276.92
				793.85

Manning's n Values num= 3
Sta n Val Sta n Val Sta n Val
0 .15 2757.69 .15 3000 .15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
2757.69 3000 23.77 23.77 23.77 .1 .3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.45	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.44	Reach Len. (ft)	23.77	23.77	23.77
Crit W.S. (ft)		Flow Area (sq ft)	123393.00	27083.79	86839.19
E.G. Slope (ft/ft)	0.000021	Area (sq ft)	123393.00	27083.79	86839.19
Q Total (cfs)	181872.70	Flow (cfs)	82393.42	28193.88	71285.41
Top Width (ft)	3551.29	Top Width (ft)	2184.43	242.31	1124.55
Vel Total (ft/s)	0.77	Avg. Vel. (ft/s)	0.67	1.04	0.82
Max Chl Dpth (ft)	117.13	Hydr. Depth (ft)	56.49	111.77	77.22
Conv. Total (cfs)	39575330.0	Conv. (cfs)	17928730.0	6134961.0	15511640.0
Length Wtd. (ft)	23.77	wetted Per. (ft)	2196.64	247.69	1134.12
Min Ch El (ft)	643.31	Shear (lb/sq ft)	0.07	0.14	0.10
Alpha	1.08	Stream Power (lb/ft s)	0.05	0.15	0.08
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	405905.20	23485.64	159560.10
C & E Loss (ft)		Cum SA (acres)	3795.71	155.58	1448.40

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 24362.3*

INPUT

Description:

Station Elevation Data num= 33

Rev3.rep									
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	810	50.1	809.07	248.27	796.69	400.84	785.86	801.68	728.84
844.11	725.09	993.07	715.94	1002.1	715.28	1002.1	711.43	1177.46	709.4
1191.68	710.98	1202.52	712.18	1252.62	711.6	1390.3	715.99	1489.6	721
1553.25	722.51	1803.78	717.54	1803.78	713.69	1853.88	708.08	1862.01	707.63
2254.72	691.7	2455.14	663.96	2482.68	663.24	2630.51	660	2755.77	660
2805.77	644.62	2805.77	643.23	2900	643.23	3000	660	3163.46	661.79
3700.55	669.29	3784.62	683.38	4307.69	795.38				
Manning's n Values									
Sta	n Val	Sta	n Val	Sta	n Val				
0	.15	2755.77	.15	3000	.15				
Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	2755.77	3000		23.77	23.77	23.77	.1	.3	
CROSS SECTION OUTPUT Profile #Max WS									
E.G. Elev (ft)	760.45	Element	Left OB	Channel	Right OB				
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150				
W.S. Elev (ft)	760.44	Reach Len. (ft)	23.77	23.77	23.77				
Crit W.S. (ft)		Flow Area (sq ft)	120092.90	27333.31	88176.97				
E.G. Slope (ft/ft)	0.000022	Area (sq ft)	120092.90	27333.31	88176.97				
Q Total (cfs)	181872.40	Flow (cfs)	79870.09	28845.58	73156.75				
Top width (ft)	3564.95	Top width (ft)	2176.22	244.23	1144.50				
Vel Total (ft/s)	0.77	Avg. Vel. (ft/s)	0.67	1.06	0.83				
Max chl Dpth (ft)	117.21	Hydr. Depth (ft)	55.18	111.92	77.04				
Conv. Total (cfs)	39104850.0	Conv. (cfs)	17173070.0	6202162.0	15729620.0				
Length wtd. (ft)	23.77	Wetted Per. (ft)	2189.66	249.33	1153.90				
Min Ch El (ft)	643.23	Shear (lb/sq ft)	0.07	0.15	0.10				
Alpha	1.09	Stream Power (lb/ft s)	0.05	0.16	0.09				
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	405838.70	23470.79	159512.40				
C & E Loss (ft)		Cum SA (acres)	3794.52	155.45	1447.78				

CROSS SECTION

RIVER: SQUAW CREEK
 REACH: SC

RS: 24338.5*

INPUT

Description:

Station Elevation Data									
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	810	50.07	809.38	248.09	797.36	400.56	787.24	801.12	729.23
843.52	725.6	992.38	715.53	1001.4	714.85	1001.4	710.62	1176.64	709.26
1190.85	711.07	1201.68	712.45	1251.75	712.07	1389.33	717.59	1488.57	722.8
1552.17	725	1802.52	721.69	1802.52	717.46	1852.59	711.72	1860.71	711.29
2253.15	694.47	2453.43	664.31	2480.94	663.57	2628.67	660	2753.85	660
2803.85	644.08	2803.85	643.15	2900	643.15	3000	660	3167.31	661.97
3717.03	669.53	3803.08	684.92	4338.46	796.92				

Manning's n Values					
Sta	n Val	Sta	n Val	Sta	n Val
0	.15	2753.85	.15	3000	.15

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	2753.85	3000		23.77	23.77	23.77	.1	.3	

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.45	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.44	Reach Len. (ft)	23.77	23.77	23.77
Crit W.S. (ft)		Flow Area (sq ft)	116802.10	27583.35	89482.09
E.G. Slope (ft/ft)	0.000022	Area (sq ft)	116802.10	27583.35	89482.09
Q Total (cfs)	181872.10	Flow (cfs)	77329.98	29509.93	75032.19
Top width (ft)	3578.44	Top width (ft)	2168.22	246.15	1164.07
Vel Total (ft/s)	0.78	Avg. Vel. (ft/s)	0.66	1.07	0.84
Max chl Dpth (ft)	117.29	Hydr. Depth (ft)	53.87	112.06	76.87
Conv. Total (cfs)	38640290.0	Conv. (cfs)	16429420.0	6269640.0	15941230.0
Length wtd. (ft)	23.77	Wetted Per. (ft)	2182.98	250.96	1173.31
Min Ch El (ft)	643.15	Shear (lb/sq ft)	0.07	0.15	0.11
Alpha	1.09	Stream Power (lb/ft s)	0.05	0.16	0.09
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	405774.10	23455.81	159463.90
C & E Loss (ft)		Cum SA (acres)	3793.34	155.31	1447.15

Rev3.rep

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 24314.7*

INPUT

Description:

Station Elevation Data			num= 33			Sta Elev			Sta Elev		
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	810	50.03	809.69	247.92	798.03	400.28	788.62	800.56	729.61		
842.93	726.1	991.68	715.13	1000.7	714.43	1000.7	709.81	1175.82	709.13		
1190.02	711.17	1200.84	712.73	1250.87	712.53	1388.36	719.19	1487.53	724.6		
1551.08	727.5	1801.26	725.85	1801.26	721.23	1851.29	715.36	1859.41	714.95		
2251.57	697.23	2451.71	664.65	2479.21	663.89	2626.84	660	2751.92	660		
2801.92	643.54	2801.92	643.08	2900	643.08	3000	660	3171.15	662.15		
3733.52	669.76	3821.54	686.46	4369.23	798.46						

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	2751.92	.15	3000	.15				

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	2751.92	3000		23.77	23.77	23.77	.1	.3	

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.45	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.44	Reach Len. (ft)	23.77	23.77	23.77
Crit W.S. (ft)		Flow Area (sq ft)	113524.70	27833.44	90766.80
E.G. Slope (ft/ft)	0.000023	Area (sq ft)	113524.70	27833.44	90766.80
Q Total (cfs)	181871.70	Flow (cfs)	74770.58	30182.71	76918.41
Top width (ft)	3591.84	Top width (ft)	2160.47	248.08	1183.29
Vel Total (ft/s)	0.78	Avg. Vel. (ft/s)	0.66	1.08	0.85
Max Chl Dpth (ft)	117.36	Hydr. Depth (ft)	52.55	112.20	76.71
Conv. Total (cfs)	38185520.0	Conv. (cfs)	15698720.0	6337119.0	16149680.0
Length wtd. (ft)	23.77	Wetted Per. (ft)	2176.63	252.60	1192.42
Min Ch El (ft)	643.08	Shear (lb/sq ft)	0.07	0.16	0.11
Alpha	1.10	Stream Power (lb/ft s)	0.05	0.17	0.09
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	405711.30	23440.69	159414.70
C & E Loss (ft)		Cum SA (acres)	3792.16	155.18	1446.51

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 24291

INPUT

Description:

Station Elevation Data			num= 22			Sta Elev			Sta Elev		
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	810	50	810	400	790	800	730	1000	714		
1000	709	1175	709	1200	713	1250	713	1550	730		
1800	730	1800	725	1850	719	2250	700	2450	665		
2625	660	2750	660	2800	643	2900	643	3000	660		
3750	670	4400	800								

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	2750	.15	3000	.15				

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	2750	3000		385	385	385	.1	.3	

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.45	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.44	Reach Len. (ft)	385.00	385.00	385.00
Crit W.S. (ft)		Flow Area (sq ft)	110251.00	28084.05	92023.94
E.G. Slope (ft/ft)	0.000023	Area (sq ft)	110251.00	28084.05	92023.94
Q Total (cfs)	181871.40	Flow (cfs)	72192.61	30867.20	78811.59
Top width (ft)	3605.09	Top width (ft)	2152.91	250.00	1202.18
Vel Total (ft/s)	0.79	Avg. Vel. (ft/s)	0.65	1.10	0.86
Max Chl Dpth (ft)	117.44	Hydr. Depth (ft)	51.21	112.34	76.55
Conv. Total (cfs)	37737080.0	Conv. (cfs)	14979480.0	6404735.0	16352870.0

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Length Wtd. (ft)	385.00	Wetted Per. (ft)	2170.54	254.25	1211.20	
Min Ch El (ft)	643.00	Shear (lb/sq ft)	0.07	0.16	0.11	
Alpha	1.11	Stream Power (lb/ft s)	0.05	0.18	0.09	
Frctn Loss (ft)	0.01	Cum Volume (acre-ft)	405650.20	23425.43	159364.90	
C & E Loss (ft)		Cum SA (acres)	3790.98	155.04	1445.86	

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 23906

INPUT

Description:

Station Elevation Data	num=	23							
Sta Elev Sta Elev Sta Elev Sta Elev Sta Elev									
0 801 200 790 500 737 700 720 990 706									
1000 700 1200 700 1550 719 1625 720 1700 722									
1800 722 2000 710 2225 690 2400 660 2575 642									
2650 642 2700 660 2900 660 3200 669 3500 671									
3625 671 3750 678 4400 800									

Manning's n Values

Sta n Val Sta n Val	num=	3		
0 .15 2400 .15				

Bank Sta: Left Right	Lengths: Left Channel Right	Coeff Contr.	Expan.
2400 2700	112.67 112.67 112.67	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.44	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.43	Reach Len. (ft)	112.67	112.67	112.67
Crit W.S. (ft)		Flow Area (sq ft)	99481.91	33503.82	116013.70
E.G. Slope (ft/ft)	0.000019	Area (sq ft)	99481.91	33503.82	116013.70
Q Total (cfs)	181864.80	Flow (cfs)	57386.39	33297.82	91180.59
Top Width (ft)	3821.79	Top Width (ft)	2032.62	300.00	1489.17
Vel Total (ft/s)	0.73	Avg. Vel. (ft/s)	0.58	0.99	0.79
Max Chl Dpth (ft)	118.43	Hydr. Depth (ft)	48.94	111.68	77.90
Conv. Total (cfs)	41662940.0	Conv. (cfs)	13146500.0	7628113.0	20888330.0
Length Wtd. (ft)	112.67	Wetted Per. (ft)	2041.74	304.06	1497.18
Min Ch El (ft)	642.00	Shear (lb/sq ft)	0.06	0.13	0.09
Alpha	1.12	Stream Power (lb/ft s)	0.03	0.13	0.07
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	404723.30	23153.27	158445.50
C & E Loss (ft)		Cum SA (acres)	3772.48	152.61	1433.97

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 23793.3*

INPUT

Description:

Station Elevation Data	num=	42							
Sta Elev Sta Elev Sta Elev Sta Elev Sta Elev									
0 801 202.78 791.12 292 779.64 389.33 768.33 506.94 746.61									
535.33 743.08 709.72 731.14 827.33 725.93 973.33 710.97 1003.75 709.06									
1013.89 704.75 1168 700 1216.67 697 1216.67 696.33 1557.33 708.49									
1571.53 709.27 1647.57 711.37 1723.61 714.13 1752 714.67 1825 715.17									
1849.33 714.37 1946.67 709.2 1995.33 708.61 2027.78 707.16 2238.67 693.67									
2255.9 692.43 2336 682.3 2433.33 661.67 2575 641.67 2641.67 641.67									
2680.56 653 2700 660 2907.84 660 3164.91 664.95 3219.61 666.98									
3350.88 669.89 3531.37 670.67 3661.27 670.67 3722.81 672.88 3791.18 676.56									
3908.77 692.83 4466.67 800.67									

Manning's n Values

Sta n Val Sta n Val	num=	3		
0 .15 2433.33 .15				

Bank Sta: Left Right	Lengths: Left Channel Right	Coeff Contr.	Expan.
2433.33 2700	112.67 112.67 112.67	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.44	Element	Left OB	Channel	Right OB
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			Rev3.rep		
Vel Head (ft)	0.01	wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.43	Reach Len. (ft)	112.67	112.67	112.67
Crit W.S. (ft)		Flow Area (sq ft)	99837.93	29743.78	123267.50
E.G. Slope (ft/ft)	0.000018	Area (sq ft)	99837.93	29743.78	123267.50
Q Total (cfs)	181862.50	Flow (cfs)	57131.74	28877.27	95853.48
Top Width (ft)	3826.36	Top Width (ft)	2001.21	266.67	1558.48
Vel Total (ft/s)	0.72	Avg. Vel. (ft/s)	0.57	0.97	0.78
Max Chl Dpth (ft)	118.76	Hydr. Depth (ft)	49.89	111.54	79.09
Conv. Total (cfs)	42546530.0	Conv. (cfs)	13365910.0	6755807.0	22424820.0
Length Wtd. (ft)	112.67	wetted Per. (ft)	2009.54	270.91	1566.33
Min Ch El (ft)	641.67	Shear (lb/sq ft)	0.06	0.13	0.09
Alpha	1.10	Stream Power (lb/ft s)	0.03	0.12	0.07
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	404465.60	23071.47	158136.00
C & E Loss (ft)		Cum SA (acres)	3767.27	151.88	1430.02

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 23680.6*

INPUT

Description:

Station Elevation Data			num= 42								
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	801	205.56	792.24	296	784.82	394.67	779.16	513.89	756.22		
542.67	751.54	719.44	742.29	838.67	737.47	986.67	714.48	1017.5	712.12		
1027.78	709.5	1184	700	1233.33	694	1233.33	692.67	1578.67	698.75		
1593.06	699.53	1670.14	702.73	1747.22	706.26	1776	707.33	1850	708.33		
1874.67	708.19	1973.33	703.6	2022.67	705.31	2055.56	704.31	2269.33	695.84		
2286.81	694.86	2368	688.15	2466.67	663.33	2575	641.33	2633.33	641.33		
2677.78	652	2700	660	2915.69	660	3182.46	662.47	3239.22	664.96		
3375.44	669.95	3562.75	670.33	3697.55	670.33	3761.4	671.44	3832.35	675.12		
3954.39	686.41	4533.33	801.33								

Manning's n Values

Sta	n	Val	Sta	n	Val	Sta	n	Val
0		.15	2466.67		.15	2700		.15

Bank Sta: Left	Right	Lengths: Left	Channel	Right	Coeff Contr.	Expan.
2466.67	2700	112.67	112.67	112.67	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.43	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.43	Reach Len. (ft)	112.67	112.67	112.67
Crit W.S. (ft)		Flow Area (sq ft)	100756.60	26033.88	130753.30
E.G. Slope (ft/ft)	0.000017	Area (sq ft)	100756.60	26033.88	130753.30
Q Total (cfs)	181860.20	Flow (cfs)	57065.30	24577.04	100217.90
Top Width (ft)	3835.23	Top Width (ft)	1974.64	233.33	1627.26
Vel Total (ft/s)	0.71	Avg. Vel. (ft/s)	0.57	0.94	0.77
Max Chl Dpth (ft)	119.10	Hydr. Depth (ft)	51.03	111.58	80.35
Conv. Total (cfs)	43622980.0	Conv. (cfs)	13688310.0	5895318.0	24039360.0
Length Wtd. (ft)	112.67	wetted Per. (ft)	1983.88	238.20	1635.32
Min Ch El (ft)	641.33	Shear (lb/sq ft)	0.06	0.12	0.09
Alpha	1.09	Stream Power (lb/ft s)	0.03	0.11	0.07
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	404206.10	22999.33	157807.50
C & E Loss (ft)		Cum SA (acres)	3762.12	151.23	1425.90

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 23568

INPUT

Description:

Station Elevation Data			num=	26						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	801	300	790	400	790	550	760	850	749	
1000	718	1200	700	1250	691	1250	689	1600	689	
1800	700	1900	702	2000	698	2050	702	2300	698	
2400	694	2500	665	2575	641	2625	641	2675	651	
2700	660	3200	660	3400	670	3800	670	4000	680	
4600	802									

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Manning's n Values num= 3
Sta n Val Sta n Val Sta n Val
0 .15 2500 .15 2700 .15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
2500 2700 131 131 131 .1 .3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.43	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.42	Reach Len. (ft)	131.00	131.00	131.00
Crit W.S. (ft)		Flow Area (sq ft)	102178.00	22372.38	138456.80
E.G. Slope (ft/ft)	0.000016	Area (sq ft)	102178.00	22372.38	138456.80
Q Total (cfs)	181857.90	Flow (cfs)	57166.00	20423.88	104268.00
Top Width (ft)	3847.65	Top width (ft)	1952.12	200.00	1695.53
Vel Total (ft/s)	0.69	Avg. Vel. (ft/s)	0.56	0.91	0.75
Max chl Dpth (ft)	119.42	Hydr. Depth (ft)	52.34	111.86	81.66
Conv. Total (cfs)	44875380.0	Conv. (cfs)	14106320.0	5039812.0	25729250.0
Length wtd. (ft)	131.00	wetted Per. (ft)	1963.94	206.31	1704.12
Min Ch El (ft)	641.00	Shear (lb/sq ft)	0.05	0.11	0.08
Alpha	1.08	Stream Power (lb/ft s)	0.03	0.10	0.06
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	403943.70	22936.73	157459.40
C & E Loss (ft)		Cum SA (acres)	3757.05	150.67	1421.61

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 23437.*

INPUT

Description:

Station Elevation Data		num=	43						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	795.75	282	781.09	376	778.95	517	753.24	799	738.58
940	712.12	989.47	707.45	1128	696.7	1175	689.68	1175	688.18
1422.37	686.75	1504	686.75	1546.05	688.6	1607.89	688.81	1692	691.57
1786	692.02	1855.26	689.04	1880	688.4	1927	691.68	2102.63	690.51
2162	689.35	2256	685.72	2288.16	678.06	2350	661.5	2418.75	640.75
2481.25	640.75	2527.08	649.42	2550	656.75	2599.78	658	2674.46	658
2674.46	657.5	2798.91	657.5	2823.8	658.25	3303.29	661.3	3570.54	669.65
3604.61	670.84	4068.37	675.5	4207.24	677.51	4508.55	689.36	5088.91	756.5
5188.48	769.32	5337.83	786.44	5412.5	795.75				

Manning's n Values num= 3
Sta n Val Sta n Val Sta n Val
0 .15 2350 .15 2550 .15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
2350 2550 131 131 131 .1 .3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.43	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.43	Reach Len. (ft)	131.00	131.00	131.00
Crit W.S. (ft)		Flow Area (sq ft)	108112.40	22740.42	201987.80
E.G. Slope (ft/ft)	0.000010	Area (sq ft)	108112.40	22740.42	201987.80
Q Total (cfs)	181854.90	Flow (cfs)	50152.80	16357.46	115344.60
Top Width (ft)	4641.81	Top width (ft)	1872.41	200.00	2569.40
Vel Total (ft/s)	0.55	Avg. Vel. (ft/s)	0.46	0.72	0.57
Max chl Dpth (ft)	119.68	Hydr. Depth (ft)	57.74	113.70	78.61
Conv. Total (cfs)	57815860.0	Conv. (cfs)	15944730.0	5200415.0	36670720.0
Length wtd. (ft)	131.00	wetted Per. (ft)	1882.00	205.02	2574.48
Min Ch El (ft)	640.75	Shear (lb/sq ft)	0.04	0.07	0.05
Alpha	1.05	Stream Power (lb/ft s)	0.02	0.05	0.03
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	403627.50	22868.89	156947.50
C & E Loss (ft)		Cum SA (acres)	3751.29	150.07	1415.19

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 23306.*

INPUT

Rev3.rep

Description:

Station Elevation Data			num= 43						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	790.5	264	772.17	352	767.9	484	746.49	748	728.16
880	706.25	926.32	701.63	1056	693.4	1100	688.36	1100	687.36
1331.58	684.5	1408	684.5	1447.37	685.73	1505.26	682.54	1584	683.13
1672	682.04	1736.84	679.03	1760	678.8	1804	681.37	1968.42	682.01
2024	680.7	2112	677.43	2142.11	672.04	2200	658	2262.5	640.5
2337.5	640.5	2379.17	647.83	2400	653.5	2466.52	656	2566.3	656
2566.3	655	2732.61	655	2765.87	656.5	3406.58	662.6	3763.7	670.43
3809.21	671.68	4428.91	681	4614.47	685.01	5017.11	698.72	5792.61	754.66
5925.65	766.88	6125.22	780.96	6225	789.5				

Manning's n Values

num= 3					
Sta	n Val	Sta	n Val	Sta	n Val
0	.15	2200	.15	2400	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	2200	2400		131	131	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.43	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.43	Reach Len. (ft)	131.00	131.00	131.00
Crit W.S. (ft)		Flow Area (sq ft)	112838.60	23073.85	261123.80
E.G. Slope (ft/ft)	0.000007	Area (sq ft)	112838.60	23073.85	261123.80
Q Total (cfs)	181851.20	Flow (cfs)	46236.31	14072.30	121542.60
Top width (ft)	5457.30	Top width (ft)	1801.92	200.00	3455.38
Vel Total (ft/s)	0.46	Avg. Vel. (ft/s)	0.41	0.61	0.47
Max chl Dpth (ft)	119.93	Hydr. Depth (ft)	62.62	115.37	75.57
Conv. Total (cfs)	69127370.0	Conv. (cfs)	17575880.0	5349326.0	46202170.0
Length wtd. (ft)	131.00	wetted Per. (ft)	1809.78	203.80	3459.22
Min Ch El (ft)	640.50	Shear (lb/sq ft)	0.03	0.05	0.03
Alpha	1.03	Stream Power (lb/ft s)	0.01	0.03	0.02
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	403295.20	22800.00	156251.10
C & E Loss (ft)		Cum SA (acres)	3745.77	149.47	1406.14

CROSS SECTION

RIVER: SQUAW CREEK
 REACH: SC

RS: 23175.*

INPUT

Description:

Station Elevation Data			num= 43						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	785.25	246	763.26	328	756.85	451	739.73	697	717.74
820	700.38	863.16	695.82	984	690.1	1025	687.04	1025	686.54
1240.79	682.25	1312	682.25	1348.68	682.87	1402.63	676.27	1476	674.7
1558	672.06	1618.42	669.01	1640	669.2	1681	671.05	1834.21	673.5
1886	672.05	1968	669.15	1996.05	666.02	2050	654.5	2106.25	640.25
2193.75	640.25	2231.25	646.25	2250	650.25	2333.26	654	2458.15	654
2458.15	652.5	2666.3	652.5	2707.93	654.75	3509.87	663.9	3956.85	671.22
4013.82	672.53	4789.46	686.5	5021.71	692.52	5525.66	708.09	6496.3	752.83
6662.83	764.44	6912.61	775.48	7037.5	783.25				

Manning's n Values

num= 3					
Sta	n Val	Sta	n Val	Sta	n Val
0	.15	2050	.15	2250	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	2050	2250		131	131	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.43	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.43	Reach Len. (ft)	131.00	131.00	131.00
Crit W.S. (ft)		Flow Area (sq ft)	116562.10	23371.90	315876.10
E.G. Slope (ft/ft)	0.000005	Area (sq ft)	116562.10	23371.90	315876.10
Q Total (cfs)	181847.00	Flow (cfs)	43451.75	12678.37	125716.90
Top width (ft)	6323.00	Top width (ft)	1767.75	200.00	4355.25
Vel Total (ft/s)	0.40	Avg. Vel. (ft/s)	0.37	0.54	0.40
Max chl Dpth (ft)	120.18	Hydr. Depth (ft)	65.94	116.86	72.53
Conv. Total (cfs)	78674770.0	Conv. (cfs)	18799080.0	5485202.0	54390480.0
Length wtd. (ft)	131.00	wetted Per. (ft)	1774.37	202.68	4358.77

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		Rev3.rep			
Min Ch El (ft)	640.25	Shear (lb/sq ft)	0.02	0.04	0.02
Alpha	1.03	Stream Power (lb/ft s)	0.01	0.02	0.01
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	402950.30	22730.16	155383.50
C & E Loss (ft)		Cum SA (acres)	3740.40	148.87	1394.39

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 23044

INPUT

Description:

Station	Elevation	Data	num=	23						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	780	800	690	1150	680	1250	680	1300	670	
1500	659	1700	665	1850	660	1900	651	1950	640	
2050	640	2100	647	2200	652	2350	652	2350	650	
2600	650	2650	653	4150	672	5150	692	7200	751	
7400	762	7700	770	7850	777					

Manning's n Values

Sta	n Val	Sta	num=	3	Sta	n Val
0	.15	1900	.15	2100	.15	

Bank Sta: Left	Right	Lengths: Left	Channel	Right	Coeff Contr.	Expan.
1900	2100	46.31	46.31	46.31	.1	.3
Ineffective Flow	num=	1				
Sta L	Sta R	Elev	Permanent			
3900	7850	780	F			

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.43	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.42	Reach Len. (ft)	46.31	46.31	46.31
Crit W.S. (ft)		Flow Area (sq ft)	119556.90	23634.58	184790.40
E.G. Slope (ft/ft)	0.000008	Area (sq ft)	119556.90	23634.58	366314.10
Q Total (cfs)	181842.10	Flow (cfs)	55208.38	15533.51	111100.20
Top width (ft)	7197.31	Top width (ft)	1725.98	200.00	5271.33
Vel Total (ft/s)	0.55	Avg. Vel. (ft/s)	0.46	0.66	0.60
Max Chl Dpth (ft)	120.42	Hydr. Depth (ft)	69.27	118.17	102.66
Conv. Total (cfs)	65633980.0	Conv. (cfs)	19926880.0	5606655.0	40100440.0
Length wtd. (ft)	46.31	wetted per. (ft)	1732.34	201.68	1802.32
Min Ch El (ft)	640.00	Shear (lb/sq ft)	0.03	0.06	0.05
Alpha	1.05	Stream Power (lb/ft s)	0.02	0.04	0.03
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	402595.30	22659.48	154357.70
C & E Loss (ft)		Cum SA (acres)	3735.15	148.27	1379.92

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 22997.6*

INPUT

Description:

Station	Elevation	Data	num=	37						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	780	393.36	735.8	546.33	718.56	677.45	704.34	786.71	693.13	
809.72	690.87	961.54	687.58	1048.95	685.3	1163.97	681.3	1223.78	680.77	
1265.18	679.93	1311.19	670.61	1315.79	669.74	1398.6	665.08	1518.22	659.02	
1573.43	660.51	1720.65	664.25	1872.47	659.33	1923.08	650.92	1973.08	639.92	
2072.31	639.92	2123.08	647.23	2218.06	651.89	2360.54	651.96	2360.54	650.11	
2597.99	650.22	2645.48	653.01	3761.54	667.28	4070.23	671.21	4307.69	675.92	
4853.85	687.08	5020.07	691.24	6492.31	740.72	6967.22	754.33	7157.19	764.62	
7442.14	772.21	7584.62	778.77							

Manning's n Values

Sta	n Val	Sta	num=	3	Sta	n Val
0	.15	1923.08	.15	2123.08	.15	

Bank Sta: Left	Right	Lengths: Left	Channel	Right	Coeff Contr.	Expan.
1923.08	2123.08	46.31	46.31	46.31	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

			Rev3.rep		
E.G. Elev (ft)	760.43	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.43	Reach Len. (ft)	46.31	46.31	46.31
Crit W.S. (ft)		Flow Area (sq ft)	120830.20	23640.47	344883.20
E.G. Slope (ft/ft)	0.000005	Area (sq ft)	120830.20	23640.47	344883.20
Q Total (cfs)	181840.30	Flow (cfs)	43796.51	12215.76	125828.00
Top Width (ft)	6905.54	Top Width (ft)	1748.87	200.00	4956.67
Vel Total (ft/s)	0.37	Avg. Vel. (ft/s)	0.36	0.52	0.36
Max Chl Dpth (ft)	120.51	Hydr. Depth (ft)	69.09	118.20	69.58
Conv. Total (cfs)	83483750.0	Conv. (cfs)	20107190.0	5608316.0	57768250.0
Length Wtd. (ft)	46.31	Wetted Per. (ft)	1754.96	201.72	4960.23
Min Ch El (ft)	639.92	Shear (lb/sq ft)	0.02	0.03	0.02
Alpha	1.03	Stream Power (lb/ft s)	0.01	0.02	0.01
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	402467.50	22634.35	153979.60
C & E Loss (ft)		Cum SA (acres)	3733.30	148.06	1374.48

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 22951.3*

INPUT

Description:

Station Elevation Data			num= 37		
Sta	Elev	Sta	Elev	Sta	Elev
0	780	398.08	735.31	552.88	717.85
819.43	691.74	973.08	689.45	1061.54	687.36
1280.36	679.86	1326.92	670.31	1331.58	669.48
1592.31	660.38	1741.3	663.49	1894.94	658.66
2094.62	639.85	2146.15	647.46	2236.12	651.78
2595.99	650.45	2640.97	653.03	3698.08	666.67
4732.69	685.65	4890.13	690.49	6284.62	744.82
7184.28	774.41	7319.23	780.54		

Manning's n Values

num= 3		
Sta	n Val	Sta
0	.15	1946.15
	.15	2146.15
	.15	

Bank Sta: Left	Right	Lengths: Left	Channel	Right	Coeff Contr.	Expan.
1946.15	2146.15	46.31	46.31	46.31	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.43	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.42	Reach Len. (ft)	46.31	46.31	46.31
Crit W.S. (ft)		Flow Area (sq ft)	122097.60	23643.86	323911.10
E.G. Slope (ft/ft)	0.000005	Area (sq ft)	122097.60	23643.86	323911.10
Q Total (cfs)	181838.60	Flow (cfs)	45955.29	12706.85	123176.40
Top Width (ft)	6611.87	Top Width (ft)	1771.78	200.00	4640.09
Vel Total (ft/s)	0.39	Avg. Vel. (ft/s)	0.38	0.54	0.38
Max Chl Dpth (ft)	120.57	Hydr. Depth (ft)	68.91	118.22	69.81
Conv. Total (cfs)	80266380.0	Conv. (cfs)	20285380.0	5609002.0	54372000.0
Length Wtd. (ft)	46.31	Wetted Per. (ft)	1777.66	201.75	4643.63
Min Ch El (ft)	639.85	Shear (lb/sq ft)	0.02	0.04	0.02
Alpha	1.03	Stream Power (lb/ft s)	0.01	0.02	0.01
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	402338.30	22609.22	153624.10
C & E Loss (ft)		Cum SA (acres)	3731.43	147.84	1369.38

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 22905.0*

INPUT

Description:

Station Elevation Data			num= 37		
Sta	Elev	Sta	Elev	Sta	Elev
0	780	402.8	734.83	559.44	717.14
829.15	692.61	984.62	691.32	1074.13	689.42
1295.55	679.79	1342.66	670.01	1347.37	669.22
1611.19	660.26	1761.94	662.74	1917.41	657.99
2116.92	639.77	2169.23	647.69	2254.18	651.67
2593.98	650.67	2636.45	653.04	3634.62	666.06
4611.54	684.23	4760.2	689.73	6076.92	748.93
					6501.67
					761
					6671.57
					769.87

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6926.42 776.62 7053.85 782.31

Manning's n Values num= 3
 Sta n Val Sta n Val
 0 .15 1969.23 .15 2169.23 .15

Bank Sta: Left Right Lengths: Left Channel Right
 1969.23 2169.23 46.31 46.31 46.31
 Coeff Contr. Expan.
 .1 .3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.43	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.42	Reach Len. (ft)	46.31	46.31	46.31
Crit W.S. (ft)		Flow Area (sq ft)	123356.10	23648.71	303429.00
E.G. Slope (ft/ft)	0.000006	Area (sq ft)	123356.10	23648.71	303429.00
Q Total (cfs)	181837.00	Flow (cfs)	48147.43	13201.65	120487.90
Top Width (ft)	6306.85	Top Width (ft)	1794.67	200.00	4312.18
Vel Total (ft/s)	0.40	Avg. Vel. (ft/s)	0.39	0.56	0.40
Max Chl Dpth (ft)	120.65	Hydr. Depth (ft)	68.73	118.24	70.37
Conv. Total (cfs)	77274220.0	Conv. (cfs)	20460940.0	5610229.0	51203050.0
Length wtd. (ft)	46.31	Wetted Per. (ft)	1800.40	201.79	4315.74
Min Ch El (ft)	639.77	Shear (lb/sq ft)	0.02	0.04	0.02
Alpha	1.03	Stream Power (lb/ft s)	0.01	0.02	0.01
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	402207.90	22584.08	153290.60
C & E Loss (ft)		Cum SA (acres)	3729.53	147.63	1364.62

CROSS SECTION

RIVER: SQUAW CREEK
 REACH: SC

RS: 22858.7*

INPUT

Description:

Station Elevation Data num= 37

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	780	407.52	734.35	566	716.42	701.84	703.26	815.03	694.85
838.87	693.48	996.15	693.19	1086.71	691.48	1205.87	685.18	1267.83	683.08
1310.73	679.72	1358.39	669.71	1363.16	668.96	1448.95	663.81	1572.87	659.1
1630.07	660.13	1782.59	661.99	1939.88	657.32	1992.31	650.69	2042.31	639.69
2139.23	639.69	2192.31	647.92	2272.24	651.56	2392.14	651.83	2392.14	650.45
2591.97	650.89	2631.94	653.06	3571.15	665.46	3830.94	668.83	4030.77	672.69
4490.38	682.81	4630.27	688.98	5869.23	753.04	6268.9	764.34	6428.76	772.49
6668.56	778.83	6788.46	784.08						

Manning's n Values num= 3
 Sta n Val Sta n Val
 0 .15 1992.31 .15 2192.31 .15

Bank Sta: Left Right Lengths: Left Channel Right
 1992.31 2192.31 46.31 46.31 46.31
 Coeff Contr. Expan.
 .1 .3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.43	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.42	Reach Len. (ft)	46.31	46.31	46.31
Crit W.S. (ft)		Flow Area (sq ft)	124612.50	23653.34	283534.80
E.G. Slope (ft/ft)	0.000006	Area (sq ft)	124612.50	23653.34	283534.80
Q Total (cfs)	181835.40	Flow (cfs)	50146.22	13636.09	118053.10
Top Width (ft)	5955.63	Top Width (ft)	1817.55	200.00	3938.08
Vel Total (ft/s)	0.42	Avg. Vel. (ft/s)	0.40	0.58	0.42
Max Chl Dpth (ft)	120.73	Hydr. Depth (ft)	68.56	118.27	72.00
Conv. Total (cfs)	74826620.0	Conv. (cfs)	20635540.0	5611354.0	48579730.0
Length wtd. (ft)	46.31	Wetted Per. (ft)	1823.21	201.83	3941.75
Min Ch El (ft)	639.69	Shear (lb/sq ft)	0.03	0.04	0.03
Alpha	1.03	Stream Power (lb/ft s)	0.01	0.02	0.01
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	402076.10	22558.94	152978.60
C & E Loss (ft)		Cum SA (acres)	3727.61	147.42	1360.23

CROSS SECTION

RIVER: SQUAW CREEK
 REACH: SC

RS: 22812.4*

Rev3.rep

INPUT

Description:

Station Elevation Data			num= 37			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	780	412.24	733.86	572.55	715.71	709.97	702.89	824.48	695.42											
848.58	694.35	1007.69	695.05	1099.3	693.54	1219.84	686.48	1282.52	683.85											
1325.91	679.66	1374.13	669.41	1378.95	668.7	1465.73	663.38	1591.09	659.12											
1648.95	660.01	1803.24	661.23	1962.35	656.65	2015.38	650.62	2065.38	639.62											
2161.54	639.62	2215.38	648.15	2290.3	651.45	2402.68	651.79	2402.68	650.56											
2589.97	651.11	2627.42	653.07	3507.69	664.85	3751.17	668.04	3938.46	671.62											
4369.23	681.38	4500.33	688.22	5661.54	757.14	6036.12	767.67	6185.95	775.11											
6410.7	781.04	6523.08	785.85																	

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	2015.38	.15	2215.38	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	2015.38	2215.38		46.31	46.31	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

		Element	Left OB	Channel	Right OB
E.G. Elev (ft)	760.43	Wt. n-Val.	0.150	0.150	0.150
Vel Head (ft)	0.00	Reach Len. (ft)	46.31	46.31	46.31
W.S. Elev (ft)	760.42	Flow Area (sq ft)	125868.60	23656.02	264346.70
Crit W.S. (ft)		Area (sq ft)	125868.60	23656.02	264346.70
E.G. Slope (ft/ft)	0.000006	Flow (cfs)	52101.96	14050.37	115681.60
Q Total (cfs)	181833.90	Top width (ft)	1840.47	200.00	3562.96
Top width (ft)	5603.43	Avg. Vel. (ft/s)	0.41	0.59	0.44
Vel Total (ft/s)	0.44	Hydr. Depth (ft)	68.39	118.28	74.19
Max Chl Dpth (ft)	120.80	Conv. (cfs)	20809540.0	5611722.0	46203260.0
Conv. Total (cfs)	72624520.0	Wetted Per. (ft)	1846.10	201.87	3566.82
Length Wtd. (ft)	46.31	Shear (lb/sq ft)	0.03	0.05	0.03
Min Ch El (ft)	639.62	Stream Power (lb/ft s)	0.01	0.03	0.01
Alpha	1.03	Cum Volume (acre-ft)	401942.90	22533.79	152687.40
Frctn Loss (ft)	0.00	Cum SA (acres)	3725.67	147.20	1356.25
C & E Loss (ft)					

CROSS SECTION

RIVER: SQUAW CREEK
 REACH: SC

RS: 22766.1*

INPUT

Description:

Station Elevation Data			num= 37			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	780	416.96	733.38	579.11	714.99	718.09	702.53	833.92	695.99											
858.3	695.22	1019.23	696.92	1111.89	695.59	1233.81	687.77	1297.2	684.62											
1341.09	679.59	1389.86	669.1	1394.74	668.45	1482.52	662.96	1609.31	659.15											
1667.83	659.88	1823.89	660.48	1984.82	655.99	2038.46	650.54	2088.46	639.54											
2183.85	639.54	2238.46	648.38	2308.36	651.34	2413.21	651.75	2413.21	650.67											
2587.96	651.34	2622.91	653.09	3444.23	664.24	3671.4	667.24	3846.15	670.54											
4248.08	679.96	4370.4	687.46	5453.85	761.25	5803.34	771.01	5943.14	777.73											
6152.84	783.24	6257.69	787.62																	

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	2038.46	.15	2238.46	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	2038.46	2238.46		46.31	46.31	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

		Element	Left OB	Channel	Right OB
E.G. Elev (ft)	760.43	Wt. n-Val.	0.150	0.150	0.150
Vel Head (ft)	0.00	Reach Len. (ft)	46.31	46.31	46.31
W.S. Elev (ft)	760.42	Flow Area (sq ft)	127117.40	23660.17	245826.40
Crit W.S. (ft)		Area (sq ft)	127117.40	23660.17	245826.40
E.G. Slope (ft/ft)	0.000007	Flow (cfs)	54089.46	14469.22	113273.80
Q Total (cfs)	181832.50	Top width (ft)	1863.37	200.00	3203.24
Top width (ft)	5266.61	Avg. Vel. (ft/s)	0.43	0.61	0.46
Vel Total (ft/s)	0.46	Hydr. Depth (ft)	68.22	118.30	76.74
Max Chl Dpth (ft)	120.88	Conv. (cfs)	20981400.0	5612635.0	43939100.0
Conv. Total (cfs)	70533140.0	Wetted Per. (ft)	1869.03	201.91	3207.38
Length Wtd. (ft)	46.31	Shear (lb/sq ft)	0.03	0.05	0.03
Min Ch El (ft)	639.54				

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Alpha	1.03	Rev3.rep	0.01	0.03	0.01
Frctn Loss (ft)	0.00	Stream Power (lb/ft s)	401808.40	22508.63	152416.20
C & E Loss (ft)		Cum Volume (acre-ft)	3723.70	146.99	1352.65
		Cum SA (acres)			

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 22719.8*

INPUT

Description:

Station Elevation Data			num=	37						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	780	421.68	732.9	585.66	714.28	726.22	702.17	843.36	696.56	
868.02	696.09	1030.77	698.79	1124.48	697.65	1247.77	689.07	1311.89	685.38	
1356.28	679.52	1405.59	668.8	1410.53	668.19	1499.3	662.54	1627.53	659.17	
1686.71	659.76	1844.53	659.73	2007.29	655.32	2061.54	650.46	2111.54	639.46	
2206.15	639.46	2261.54	648.62	2326.42	651.24	2423.75	651.7	2423.75	650.78	
2585.95	651.56	2618.39	653.1	3380.77	663.64	3591.64	666.45	3753.85	669.46	
4126.92	678.54	4240.47	686.71	5246.15	765.36	5570.57	774.34	5700.33	780.35	
5894.98	785.45	5992.31	789.38							

Manning's n Values

Sta	n Val	Sta	n Val
0	.15	2061.54	.15

Bank Sta: Left	Right	Lengths: Left	Channel	Right	Coeff Contr.	Expan.
2061.54	2261.54	46.31	46.31	46.31	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.43	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.42	Reach Len. (ft)	46.31	46.31	46.31
Crit W.S. (ft)		Flow Area (sq ft)	128360.20	23663.73	227727.70
E.G. Slope (ft/ft)	0.000007	Area (sq ft)	128360.20	23663.73	227727.70
Q Total (cfs)	181831.10	Flow (cfs)	56651.42	15034.52	110145.20
Top Width (ft)	5007.73	Top Width (ft)	1886.26	200.00	2921.47
Vel Total (ft/s)	0.48	Avg. Vel. (ft/s)	0.44	0.64	0.48
Max Chl Dpth (ft)	120.96	Hydr. Depth (ft)	68.05	118.32	77.95
Conv. Total (cfs)	67888300.0	Conv. (cfs)	21151320.0	5613275.0	41123700.0
Length Wtd. (ft)	46.31	Wetted Per. (ft)	1892.02	201.95	2925.89
Min Ch El (ft)	639.46	Shear (lb/sq ft)	0.03	0.05	0.03
Alpha	1.03	Stream Power (lb/ft s)	0.01	0.03	0.02
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	401672.60	22483.48	152164.50
C & E Loss (ft)		Cum SA (acres)	3721.71	146.78	1349.39

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 22673.5*

INPUT

Description:

Station Elevation Data			num=	37						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	780	426.4	732.41	592.22	713.57	734.35	701.81	852.8	697.14	
877.73	696.96	1042.31	700.66	1137.06	699.71	1261.74	690.36	1326.57	686.15	
1371.46	679.45	1421.33	668.5	1426.32	667.93	1516.08	662.12	1645.75	659.19	
1705.59	659.63	1865.18	658.98	2029.76	654.65	2084.62	650.38	2134.62	639.38	
2228.46	639.38	2284.62	648.85	2344.48	651.13	2434.28	651.66	2434.28	650.89	
2583.95	651.78	2613.88	653.12	3317.31	663.03	3511.87	665.66	3661.54	668.38	
4005.77	677.12	4110.54	685.95	5038.46	769.47	5337.79	777.68	5457.52	782.98	
5637.12	787.66	5726.92	791.15							

Manning's n Values

Sta	n Val	Sta	n Val
0	.15	2084.62	.15

Bank Sta: Left	Right	Lengths: Left	Channel	Right	Coeff Contr.	Expan.
2084.62	2284.62	46.31	46.31	46.31	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.43	Element	Left OB	Channel	Right OB
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			Rev3.rep		
Vel Head (ft)	0.00	wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.42	Reach Len. (ft)	46.31	46.31	46.31
Crit W.S. (ft)		Flow Area (sq ft)	129602.10	23667.36	209877.50
E.G. Slope (ft/ft)	0.000008	Area (sq ft)	129602.10	23667.36	209877.50
Q Total (cfs)	181829.80	Flow (cfs)	59459.15	15656.39	106714.30
Top Width (ft)	4762.51	Top Width (ft)	1909.20	200.00	2653.31
Vel Total (ft/s)	0.50	Avg. Vel. (ft/s)	0.46	0.66	0.51
Max Chl Dpth (ft)	121.04	Hydr. Depth (ft)	67.88	118.34	79.10
Conv. Total (cfs)	65199240.0	Conv. (cfs)	21320440.0	5613957.0	38264840.0
Length Wtd. (ft)	46.31	Wetted Per. (ft)	1915.10	201.99	2658.10
Min Ch El (ft)	639.38	Shear (lb/sq ft)	0.03	0.06	0.04
Alpha	1.03	Stream Power (lb/ft s)	0.02	0.04	0.02
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	401535.50	22458.32	151931.90
C & E Loss (ft)		Cum SA (acres)	3719.69	146.57	1346.43

CROSS SECTION

RIVER: SQUAW CREEK

REACH: SC

RS: 22627.2*

INPUT

Description:

Station Elevation Data			num= 37		
Sta	Elev	Sta	Elev	Sta	Elev
0	780	431.12	731.93	598.78	712.85
887.45	697.83	1053.85	702.53	1149.65	701.77
1386.64	679.38	1437.06	668.2	1442.11	667.67
1724.48	659.5	1885.83	658.22	2052.23	653.98
2250.77	639.31	2307.69	649.08	2362.54	651.02
2581.94	652.01	2609.36	653.13	3253.85	662.43
3884.62	675.69	3980.6	685.2	4830.77	773.57
5379.26	789.87	5461.54	792.92		

Manning's n Values

num= 3		
Sta	n Val	Sta
0	.15	2107.69
	.15	2307.69
	.15	

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	2107.69	2307.69		46.31	46.31	46.31		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

			Element		
E.G. Elev (ft)	760.43		Left OB	Channel	Right OB
Vel Head (ft)	0.00		0.150	0.150	0.150
W.S. Elev (ft)	760.42		46.31	46.31	46.31
Crit W.S. (ft)			130839.10	23669.09	192196.40
E.G. Slope (ft/ft)	0.000008		130839.10	23669.09	192196.40
Q Total (cfs)	181828.50		62557.95	16343.51	102927.00
Top Width (ft)	4528.67		1932.09	200.00	2396.58
Vel Total (ft/s)	0.52		0.48	0.69	0.54
Max Chl Dpth (ft)	121.11		67.72	118.35	80.20
Conv. Total (cfs)	62457120.0		21488320.0	5613908.0	35354890.0
Length Wtd. (ft)	46.31		1938.19	202.03	2401.85
Min Ch El (ft)	639.31		0.04	0.06	0.04
Alpha	1.03		0.02	0.04	0.02
Frctn Loss (ft)	0.00		401397.10	22433.16	151718.10
C & E Loss (ft)			3717.65	146.35	1343.75

CROSS SECTION

RIVER: SQUAW CREEK

REACH: SC

RS: 22580.9*

INPUT

Description:

Station Elevation Data			num= 37		
Sta	Elev	Sta	Elev	Sta	Elev
0	780	435.84	731.45	605.33	712.14
897.17	698.7	1065.38	704.4	1162.24	703.83
1401.82	679.31	1452.8	667.9	1457.89	667.41
1743.36	659.38	1906.48	657.47	2074.7	653.31
2273.08	639.23	2330.77	649.31	2380.6	650.91
2579.93	652.23	2604.85	653.14	3190.38	661.82
3763.46	674.27	3850.67	684.44	4623.08	777.68
5121.4	792.07	5196.15	794.69		

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Manning's n Values num= 3
 Sta n Val Sta n Val Sta n Val
 0 .15 2130.77 .15 2330.77 .15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
 2130.77 2330.77 46.31 46.31 46.31 .1 .3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.42	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.42	Reach Len. (ft)	46.31	46.31	46.31
Crit W.S. (ft)		Flow Area (sq ft)	132069.00	23672.23	174639.40
E.G. Slope (ft/ft)	0.000009	Area (sq ft)	132069.00	23672.23	174639.40
Q Total (cfs)	181827.20	Flow (cfs)	65991.36	17110.08	98725.76
Top Width (ft)	4304.32	Top width (ft)	1955.00	200.00	2149.33
Vel Total (ft/s)	0.55	Avg. Vel. (ft/s)	0.50	0.72	0.57
Max Chl Dpth (ft)	121.19	Hydr. Depth (ft)	67.55	118.36	81.25
Conv. Total (cfs)	59663460.0	Conv. (cfs)	21653930.0	5614379.0	32395160.0
Length Wtd. (ft)	46.31	Wetted Per. (ft)	1961.34	202.07	2155.22
Min Ch El (ft)	639.23	Shear (lb/sq ft)	0.04	0.07	0.05
Alpha	1.03	Stream Power (lb/ft s)	0.02	0.05	0.03
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	401257.30	22407.99	151523.10
C & E Loss (ft)		Cum SA (acres)	3715.58	146.14	1341.33

CROSS SECTION

RIVER: SQUAW CREEK
 REACH: SC

RS: 22534.6*

INPUT

Description:

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	780	440.56	730.97	611.89	711.43	758.74	700.72
906.88	699.57	1076.92	706.26	1174.83	705.88	1303.64	694.25
1417	679.24	1468.53	667.6	1473.68	667.15	1566.43	660.85
1762.24	659.25	1927.13	656.72	2097.17	652.64	2153.85	650.15
2295.38	639.15	2353.85	649.54	2398.66	650.8	2465.89	651.53
2577.93	652.45	2600.33	653.16	3126.92	661.21	3272.58	663.28
3642.31	672.85	3720.74	683.69	4415.38	781.79	4639.46	787.68
4863.55	794.28	4930.77	796.46				

Manning's n Values num= 3
 Sta n Val Sta n Val Sta n Val
 0 .15 2153.85 .15 2353.85 .15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
 2153.85 2353.85 46.31 46.31 46.31 .1 .3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.42	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.42	Reach Len. (ft)	46.31	46.31	46.31
Crit W.S. (ft)		Flow Area (sq ft)	133299.20	23675.02	157146.30
E.G. Slope (ft/ft)	0.000010	Area (sq ft)	133299.20	23675.02	157146.30
Q Total (cfs)	181826.00	Flow (cfs)	69833.33	17969.93	94022.74
Top Width (ft)	4088.11	Top width (ft)	1977.90	200.00	1910.20
Vel Total (ft/s)	0.58	Avg. Vel. (ft/s)	0.52	0.76	0.60
Max Chl Dpth (ft)	121.27	Hydr. Depth (ft)	67.39	118.38	82.27
Conv. Total (cfs)	56811530.0	Conv. (cfs)	21819420.0	5614705.0	29377400.0
Length Wtd. (ft)	46.31	Wetted Per. (ft)	1984.54	202.11	1916.89
Min Ch El (ft)	639.15	Shear (lb/sq ft)	0.04	0.07	0.05
Alpha	1.04	Stream Power (lb/ft s)	0.02	0.06	0.03
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	401116.30	22382.82	151346.80
C & E Loss (ft)		Cum SA (acres)	3713.49	145.93	1339.17

CROSS SECTION

RIVER: SQUAW CREEK
 REACH: SC

RS: 22488.3*

INPUT

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Rev3.rep

Description:

Station Elevation Data			num= 37								
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	780	445.28	730.48	618.44	710.71	766.87	700.36	890.56	699.43		
916.6	700.45	1088.46	708.13	1187.41	707.94	1317.61	695.55	1385.31	689.23		
1432.19	679.17	1484.27	667.3	1489.47	666.89	1583.22	660.42	1718.62	659.29		
1781.12	659.13	1947.77	655.96	2119.64	651.97	2176.92	650.08	2226.92	639.08		
2317.69	639.08	2376.92	649.77	2416.72	650.69	2476.42	651.49	2476.42	651.34		
2575.92	652.68	2595.82	653.17	3063.46	660.61	3192.81	662.49	3292.31	664.08		
3521.15	671.42	3590.8	682.93	4207.69	785.89	4406.69	791.01	4486.29	793.46		
4605.69	796.49	4665.38	798.23								

Manning's n Values

num= 3					
Sta	n Val	Sta	n Val	Sta	n Val
0	.15	2176.92	.15	2376.92	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	2176.92	2376.92		46.31	46.31	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.42	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.42	Reach Len. (ft)	46.31	46.31	46.31
Crit W.S. (ft)		Flow Area (sq ft)	134524.40	23675.97	139696.70
E.G. Slope (ft/ft)	0.000011	Area (sq ft)	134524.40	23675.97	139696.70
Q Total (cfs)	181824.80	Flow (cfs)	74157.77	18939.31	88727.72
Top width (ft)	3878.99	Top Width (ft)	2000.84	200.00	1678.15
Vel Total (ft/s)	0.61	Avg. Vel. (ft/s)	0.55	0.80	0.64
Max Chl Dpth (ft)	121.34	Hydr. Depth (ft)	67.23	118.38	83.24
Conv. Total (cfs)	53899680.0	Conv. (cfs)	21983140.0	5614321.0	26302220.0
Length Wtd. (ft)	46.31	Wetted Per. (ft)	2007.82	202.15	1685.90
Min Ch El (ft)	639.08	Shear (lb/sq ft)	0.05	0.08	0.06
Alpha	1.04	Stream Power (lb/ft s)	0.03	0.07	0.04
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	400973.90	22357.65	151189.00
C & E Loss (ft)		Cum SA (acres)	3711.38	145.72	1337.26

CROSS SECTION

RIVER: SQUAW CREEK
 REACH: SC

RS: 22442

INPUT

Description:

Station Elevation Data			num= 20								
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	780	450	730	625	710	775	700	900	700		
1100	710	1200	710	1400	690	1500	667	1600	660		
1800	659	2200	650	2250	639	2340	639	2400	650		
3000	660	3200	663	3400	670	4000	790	4400	800		

Manning's n Values

num= 3					
Sta	n Val	Sta	n Val	Sta	n Val
0	.15	2200	.15	2400	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	2200	2400		449	449	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.42	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.42	Reach Len. (ft)	449.00	449.00	449.00
Crit W.S. (ft)		Flow Area (sq ft)	135742.40	23678.33	122254.50
E.G. Slope (ft/ft)	0.000013	Area (sq ft)	135742.40	23678.33	122254.50
Q Total (cfs)	181823.60	Flow (cfs)	79065.29	20045.64	82712.66
Top width (ft)	3675.83	Top Width (ft)	2023.75	200.00	1452.08
Vel Total (ft/s)	0.65	Avg. Vel. (ft/s)	0.58	0.85	0.68
Max Chl Dpth (ft)	121.42	Hydr. Depth (ft)	67.07	118.39	84.19
Conv. Total (cfs)	50925810.0	Conv. (cfs)	22144890.0	5614455.0	23166460.0
Length Wtd. (ft)	449.00	Wetted Per. (ft)	2031.11	202.20	1461.26
Min Ch El (ft)	639.00	Shear (lb/sq ft)	0.05	0.09	0.07
Alpha	1.04	Stream Power (lb/ft s)	0.03	0.08	0.05
Frctn Loss (ft)	0.01	Cum Volume (acre-ft)	400830.20	22332.48	151049.70
C & E Loss (ft)		Cum SA (acres)	3709.24	145.50	1335.60

Rev3.rep

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 21993

INPUT

Description:

Station	Elevation	Data	num=	13	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	756	150	756	950	700	1150	682	1200	681			
1350	670	1425	660	2600	650	2600	638	2700	638			
2800	650	3450	660	4000	762							

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	2600	.15	2800	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	2600	2800		686	686	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.42	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.41	Reach Len. (ft)	686.00	686.00	686.00
Crit W.S. (ft)		Flow Area (sq ft)	188172.40	23882.50	95701.77
E.G. Slope (ft/ft)	0.000011	Area (sq ft)	188172.40	23882.50	95701.77
Q Total (cfs)	181811.60	Flow (cfs)	106077.30	18079.98	57654.36
Top Width (ft)	3991.44	Top width (ft)	2600.00	200.00	1191.44
Vel Total (ft/s)	0.59	Avg. Vel. (ft/s)	0.56	0.76	0.60
Max Chl Dpth (ft)	122.41	Hydr. Depth (ft)	72.37	119.41	80.32
Conv. Total (cfs)	55367950.0	Conv. (cfs)	32304210.0	5505981.0	17557760.0
Length wtd. (ft)	686.00	wetted Per. (ft)	2608.30	212.72	1200.75
Min Ch El (ft)	638.00	Shear (lb/sq ft)	0.05	0.08	0.05
Alpha	1.02	Stream Power (lb/ft s)	0.03	0.06	0.03
Frctn Loss (ft)	0.01	Cum Volume (acre-ft)	399160.80	22087.36	149926.40
C & E Loss (ft)		Cum SA (acres)	3685.41	143.44	1321.98

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 21307

INPUT

Description:

Station	Elevation	Data	num=	19	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	780	400	740	850	700	1000	700	1025	694			
1200	695	1400	696	1600	692	1800	688	2200	670			
2600	660	3600	650	3825	650	3900	635	4000	635			
4200	642	4450	660	5000	770	5300	780					

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	3825	.15	4200	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	3825	4200		97.5	97.5	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.41	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.41	Reach Len. (ft)	97.50	97.50	97.50
Crit W.S. (ft)		Flow Area (sq ft)	283770.50	45765.83	52557.08
E.G. Slope (ft/ft)	0.000006	Area (sq ft)	283770.50	45765.83	52557.08
Q Total (cfs)	178500.30	Flow (cfs)	128701.30	27870.47	21928.53
Top Width (ft)	4756.13	Top width (ft)	3629.09	375.00	752.04
Vel Total (ft/s)	0.47	Avg. Vel. (ft/s)	0.45	0.61	0.42
Max Chl Dpth (ft)	125.41	Hydr. Depth (ft)	78.19	122.04	69.89
Conv. Total (cfs)	71237380.0	Conv. (cfs)	51363190.0	11122780.0	8751419.0
Length wtd. (ft)	97.50	wetted Per. (ft)	3633.26	376.61	762.63
Min Ch El (ft)	635.00	Shear (lb/sq ft)	0.03	0.05	0.03
Alpha	1.04	Stream Power (lb/ft s)	0.01	0.03	0.01

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Frctn Loss (ft)	0.00	Rev3.rep			
C & E Loss (ft)		Cum Volume (acre-ft)	395444.70	21538.94	148759.00
		Cum SA (acres)	3636.36	138.91	1306.67

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 21209.5*

INPUT

Description:

Station Elevation Data			num= 27								
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	778.5	417.21	739.49	756.65	711.07	886.57	700.48	1031.79	700		
1043.03	699.97	1069.1	694.42	1251.63	694.92	1460.24	695.38	1668.85	691.24		
1877.45	687.11	2149.56	675.74	2294.66	669.89	2711.87	660.4	3439.3	653.44		
3754.9	649.9	3989.58	649.33	4052.08	640	4083.33	634.67	4183.33	634.67		
4383.33	642.08	4483.33	649.27	4633.33	661.17	4983.33	730	5183.33	767.47		
5233.33	769.19	5483.33	779.25								

Manning's n Values

num= 3		
Sta	n Val	Sta
0	.15	3989.58
		.15 4383.33
		.15

Bank Sta: Left	Right	Lengths: Left	Channel	Right	Coeff Contr.	Expan.
3989.58	4383.33	97.5	97.5	97.5	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.41	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.41	Reach Len. (ft)	97.50	97.50	97.50
Crit W.S. (ft)		Flow Area (sq ft)	296443.30	48060.62	52407.73
E.G. Slope (ft/ft)	0.000006	Area (sq ft)	296443.30	48060.62	52407.73
Q Total (cfs)	178499.90	Flow (cfs)	129434.00	28219.75	20846.19
Top Width (ft)	4952.15	Top width (ft)	3796.09	393.75	762.31
Vel Total (ft/s)	0.45	Avg. Vel. (ft/s)	0.44	0.59	0.40
Max Chl Dpth (ft)	125.74	Hydr. Depth (ft)	78.09	122.06	68.75
Conv. Total (cfs)	73940690.0	Conv. (cfs)	53615920.0	11689570.0	8635195.0
Length wtd. (ft)	97.50	Wetted Per. (ft)	3799.87	395.03	772.57
Min Ch El (ft)	634.67	Shear (lb/sq ft)	0.03	0.04	0.02
Alpha	1.04	Stream Power (lb/ft s)	0.01	0.03	0.01
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	394795.30	21433.93	148641.50
C & E Loss (ft)		Cum SA (acres)	3628.05	138.05	1304.98

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 21112.*

INPUT

Description:

Station Elevation Data			num= 27								
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	777	434.42	738.98	787.86	711.06	923.15	700.97	1074.35	700		
1086.06	699.95	1113.21	694.83	1303.27	694.85	1520.48	694.75	1737.69	690.48		
1954.9	686.22	2238.24	675.22	2389.32	669.78	2823.75	660.79	3581.18	653.85		
3909.8	649.8	4154.17	648.67	4229.17	640	4266.67	634.33	4366.67	634.33		
4566.67	642.17	4666.67	649.33	4816.67	662.33	5166.67	730	5366.67	764.93		
5416.67	766.72	5666.67	778.5								

Manning's n Values

num= 3		
Sta	n Val	Sta
0	.15	4154.17
		.15 4566.67
		.15

Bank Sta: Left	Right	Lengths: Left	Channel	Right	Coeff Contr.	Expan.
4154.17	4566.67	97.5	97.5	97.5	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.41	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.41	Reach Len. (ft)	97.50	97.50	97.50
Crit W.S. (ft)		Flow Area (sq ft)	309175.50	50366.62	52284.93
E.G. Slope (ft/ft)	0.000005	Area (sq ft)	309175.50	50366.62	52284.93
Q Total (cfs)	178499.50	Flow (cfs)	130116.30	28547.79	19835.37

			Rev3.rep		
Top Width (ft)	5151.20	Top Width (ft)	3964.59	412.50	774.11
Vel Total (ft/s)	0.43	Avg. Vel. (ft/s)	0.42	0.57	0.38
Max Chl Dpth (ft)	126.08	Hydr. Depth (ft)	77.98	122.10	67.54
Conv. Total (cfs)	76647960.0	Conv. (cfs)	55872160.0	12258470.0	8517338.0
Length Wtd. (ft)	97.50	Wetted Per. (ft)	3968.03	413.58	784.05
Min Ch El (ft)	634.33	Shear (lb/sq ft)	0.03	0.04	0.02
Alpha	1.05	Stream Power (lb/ft s)	0.01	0.02	0.01
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	394117.50	21323.78	148524.30
C & E Loss (ft)		Cum SA (acres)	3619.36	137.15	1303.26

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 21014.5*

INPUT

Description:

Station Elevation Data			num=	27			
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	775.5	451.63	738.47	819.07	711.05	959.72	701.45
1129.08	699.92	1157.31	695.25	1354.9	694.77	1580.72	694.13
2032.35	685.33	2326.91	674.7	2483.99	669.66	2935.62	661.19
4064.71	649.71	4318.75	648	4406.25	640	4450	634
4750	642.25	4850	649.4	5000	663.5	5350	730
5600	764.25	5850	777.75				5550

Manning's n Values

Sta	n Val	Sta	n Val
0	.15	4318.75	.15

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	4318.75	4750		97.5	97.5	97.5	.1	.3	

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.41	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.41	Reach Len. (ft)	97.50	97.50	97.50
Crit W.S. (ft)		Flow Area (sq ft)	321947.70	52682.21	52186.16
E.G. Slope (ft/ft)	0.000005	Area (sq ft)	321947.70	52682.21	52186.16
Q Total (cfs)	178499.00	Flow (cfs)	130751.70	28860.71	18886.60
Top Width (ft)	5353.64	Top Width (ft)	4134.68	431.25	787.70
Vel Total (ft/s)	0.42	Avg. Vel. (ft/s)	0.41	0.55	0.36
Max Chl Dpth (ft)	126.41	Hydr. Depth (ft)	77.87	122.16	66.25
Conv. Total (cfs)	79351120.0	Conv. (cfs)	58125210.0	12829930.0	8395975.0
Length Wtd. (ft)	97.50	Wetted Per. (ft)	4137.83	432.19	797.33
Min Ch El (ft)	634.00	Shear (lb/sq ft)	0.02	0.04	0.02
Alpha	1.05	Stream Power (lb/ft s)	0.01	0.02	0.01
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	393411.20	21208.45	148407.40
C & E Loss (ft)		Cum SA (acres)	3610.30	136.21	1301.51

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 20917.*

INPUT

Description:

Station Elevation Data			num=	27			
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	774	468.85	737.96	850.29	711.05	996.3	701.94
1172.11	699.9	1201.42	695.67	1406.54	694.7	1640.96	693.5
2109.8	684.43	2415.59	674.17	2578.65	669.55	3047.49	661.59
4219.61	649.61	4483.33	647.33	4583.33	640	4633.33	633.67
4933.33	642.33	5033.33	649.47	5183.33	664.67	5533.33	730
5783.33	761.78	6033.33	777				5733.33

Manning's n Values

Sta	n Val	Sta	n Val
0	.15	4483.33	.15

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	4483.33	4933.33		97.5	97.5	97.5	.1	.3	

CROSS SECTION OUTPUT Profile #Max WS

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E.G. Elev (ft)	760.41	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.41	Reach Len. (ft)	97.50	97.50	97.50
Crit W.S. (ft)		Flow Area (sq ft)	334783.50	55008.22	52125.21
E.G. Slope (ft/ft)	0.000005	Area (sq ft)	334783.50	55008.22	52125.21
Q Total (cfs)	178498.50	Flow (cfs)	131457.70	29183.98	17856.86
Top Width (ft)	5570.58	Top width (ft)	4306.51	450.00	814.08
Vel Total (ft/s)	0.40	Avg. Vel. (ft/s)	0.39	0.53	0.34
Max Chl Dpth (ft)	126.74	Hydr. Depth (ft)	77.74	122.24	64.03
Conv. Total (cfs)	81987740.0	Conv. (cfs)	60380990.0	13404750.0	8201995.0
Length Wtd. (ft)	97.50	Wetted Per. (ft)	4309.39	450.85	823.37
Min Ch El (ft)	633.67	Shear (lb/sq ft)	0.02	0.04	0.02
Alpha	1.05	Stream Power (lb/ft s)	0.01	0.02	0.01
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	392676.30	21087.93	148290.70
C & E Loss (ft)		Cum SA (acres)	3600.85	135.22	1299.72

CROSS SECTION

RIVER: SQUAW CREEK
 REACH: SC

RS: 20819.5*

INPUT

Description:

Station Elevation Data			num=	27						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	772.5	486.06	737.45	881.5	711.04	1032.87	702.42	1202.05	700	
1215.14	699.87	1245.52	696.08	1458.17	694.62	1701.2	692.88	1944.23	688.21	
2187.25	683.54	2504.27	673.65	2673.31	669.44	3159.37	661.99	4006.82	655.1	
4374.51	649.51	4647.92	646.67	4760.42	640	4816.67	633.33	4916.67	633.33	
5116.67	642.42	5216.67	649.53	5366.67	665.83	5716.67	730	5916.67	757.33	
5966.67	759.31	6216.67	776.25							

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	4647.92	.15	5116.67	.15

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff Contr.	Expan.
	4647.92	5116.67		97.5	97.5	97.5	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.41	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.41	Reach Len. (ft)	97.50	97.50	97.50
Crit W.S. (ft)		Flow Area (sq ft)	347672.50	57345.38	52186.43
E.G. Slope (ft/ft)	0.000004	Area (sq ft)	347672.50	57345.38	52186.43
Q Total (cfs)	178497.90	Flow (cfs)	132295.50	29535.43	16666.97
Top Width (ft)	5815.17	Top width (ft)	4480.23	468.75	866.20
Vel Total (ft/s)	0.39	Avg. Vel. (ft/s)	0.38	0.52	0.32
Max Chl Dpth (ft)	127.08	Hydr. Depth (ft)	77.60	122.34	60.25
Conv. Total (cfs)	84509280.0	Conv. (cfs)	62634900.0	13983460.0	7890926.0
Length Wtd. (ft)	97.50	Wetted Per. (ft)	4482.88	469.55	875.10
Min Ch El (ft)	633.33	Shear (lb/sq ft)	0.02	0.03	0.02
Alpha	1.05	Stream Power (lb/ft s)	0.01	0.02	0.01
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	391912.50	20962.19	148174.00
C & E Loss (ft)		Cum SA (acres)	3591.02	134.19	1297.84

CROSS SECTION

RIVER: SQUAW CREEK
 REACH: SC

RS: 20722.*

INPUT

Description:

Station Elevation Data			num=	27						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	771	503.27	736.94	912.72	711.04	1069.44	702.9	1244.61	700	
1258.17	699.85	1289.62	696.5	1509.8	694.55	1761.44	692.25	2013.07	687.45	
2264.71	682.65	2592.94	673.13	2767.97	669.32	3271.24	662.38	4148.71	655.51	
4529.41	649.41	4812.5	646	4937.5	640	5000	633	5100	633	
5300	642.5	5400	649.6	5550	667	5900	730	6100	754.8	
6150	756.83	6400	775.5							

Manning's n Values

num= 3

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1344.23	699.8	1377.83	697.33	1613.07	694.4	1881.92	691	2150.76	685.93
2419.61	680.87	2770.29	672.09	2957.3	669.1	3494.99	663.18	4432.47	656.34
4839.22	649.22	5141.67	644.67	5291.67	640	5366.67	632.33	5466.67	632.33
5666.67	642.67	5766.67	649.73	5916.67	669.33	6266.67	730	6466.67	749.73
6516.67	751.89	6766.67	774						
Manning's n Values									
Sta	n Val	Sta	num=	3	Sta	n Val			
0	.15	5141.67	.15	5666.67	.15				
Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.									
	5141.67	5666.67		97.5	97.5	97.5		.1	.3
CROSS SECTION OUTPUT Profile #Max WS									
E.G. Elev (ft)	760.41	Element	Left OB	Channel	Right OB				
Vel Head (ft)	0.00	wt. n-Val.	0.150	0.150	0.150				
W.S. Elev (ft)	760.41	Reach Len. (ft)	97.50	97.50	97.50				
Crit W.S. (ft)		Flow Area (sq ft)	386739.90	64417.88	52810.00				
E.G. Slope (ft/ft)	0.000004	Area (sq ft)	386739.90	64417.88	52810.00				
Q Total (cfs)	178496.00	Flow (cfs)	133573.40	30301.21	14621.35				
Top width (ft)	6485.70	Top width (ft)	5014.40	525.00	946.30				
Vel Total (ft/s)	0.35	Avg. Vel. (ft/s)	0.35	0.47	0.28				
Max Chl Dpth (ft)	128.08	Hydr. Depth (ft)	77.13	122.70	55.81				
Conv. Total (cfs)	92734370.0	Conv. (cfs)	69395660.0	15742450.0	7596260.0				
Length wtd. (ft)	97.50	wetted Per. (ft)	5016.55	525.73	954.44				
Min Ch El (ft)	632.33	Shear (lb/sq ft)	0.02	0.03	0.01				
Alpha	1.06	Stream Power (lb/ft s)	0.01	0.01	0.00				
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	389447.00	20553.43	147821.70				
C & E Loss (ft)		Cum SA (acres)	3559.15	130.86	1291.73				

CROSS SECTION

RIVER: SQUAW CREEK
 REACH: SC

RS: 20429.5*

INPUT

Description:

Station Elevation Data									
Sta	Elev	Sta	num=	27	Sta	Elev	Sta	Elev	Sta
0	766.5	554.9	735.41	1006.36	711.02	1179.17	704.35	1372.31	700
1387.25	699.77	1421.94	697.75	1664.71	694.32	1942.16	690.38	2219.61	685.18
2497.06	679.98	2858.97	671.57	3051.96	668.99	3606.86	663.58	4574.35	656.76
4994.12	649.12	5306.25	644	5468.75	640	5550	632	5650	632
5850	642.75	5950	649.8	6100	670.5	6450	730	6650	747.2
6700	749.42	6950	773.25						

Manning's n Values									
Sta	n Val	Sta	num=	3	Sta	n Val			
0	.15	5306.25	.15	5850	.15				

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.									
	5306.25	5850		97.5	97.5	97.5		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.41	Element	Left OB	Channel	Right OB				
Vel Head (ft)	0.00	wt. n-Val.	0.150	0.150	0.150				
W.S. Elev (ft)	760.41	Reach Len. (ft)	97.50	97.50	97.50				
Crit W.S. (ft)		Flow Area (sq ft)	399894.20	66796.03	53105.67				
E.G. Slope (ft/ft)	0.000003	Area (sq ft)	399894.20	66796.03	53105.67				
Q Total (cfs)	178495.20	Flow (cfs)	133837.70	30519.30	14138.19				
Top width (ft)	6706.50	Top width (ft)	5197.49	543.75	965.26				
Vel Total (ft/s)	0.34	Avg. Vel. (ft/s)	0.33	0.46	0.27				
Max Chl Dpth (ft)	128.41	Hydr. Depth (ft)	76.94	122.84	55.02				
Conv. Total (cfs)	95547340.0	Conv. (cfs)	71642460.0	16336790.0	7568085.0				
Length wtd. (ft)	97.50	wetted Per. (ft)	5199.52	544.48	973.26				
Min Ch El (ft)	632.00	Shear (lb/sq ft)	0.02	0.03	0.01				
Alpha	1.06	Stream Power (lb/ft s)	0.01	0.01	0.00				
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	388566.70	20406.58	147703.20				
C & E Loss (ft)		Cum SA (acres)	3547.72	129.66	1289.59				

CROSS SECTION

RIVER: SQUAW CREEK

Rev3.rep

REACH: SC

RS: 20332.*

INPUT

Description:

Station Elevation Data			num= 27								
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	765	572.11	734.9	1037.57	711.01	1215.74	704.84	1414.87	700		
1430.28	699.75	1466.04	698.17	1716.34	694.25	2002.4	689.75	2288.45	684.42		
2574.51	679.09	2947.65	671.04	3146.62	668.87	3718.74	663.97	4716.24	657.17		
5149.02	649.02	5470.83	643.33	5645.83	640	5733.33	631.67	5833.33	631.67		
6033.33	642.83	6133.33	649.87	6283.33	671.67	6633.33	730	6833.33	744.67		
6883.33	746.94	7133.33	772.5								

Manning's n Values

num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	5470.83	.15	6033.33	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	5470.83	6033.33		97.5	97.5	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

		Left OB	Channel	Right OB
E.G. Elev (ft)	760.41	0.150	0.150	0.150
Vel Head (ft)	0.00	97.50	97.50	97.50
W.S. Elev (ft)	760.41	413154.00	69184.62	53432.22
Crit W.S. (ft)		413154.00	69184.62	53432.22
E.G. Slope (ft/ft)	0.000003	134054.40	30722.95	13717.11
Q Total (cfs)	178494.50	5383.52	562.50	981.71
Top Width (ft)	6927.73	0.32	0.44	0.26
Vel Total (ft/s)	0.33	76.74	122.99	54.43
Max Chl Dpth (ft)	128.74	73894110.0	16935250.0	7561212.0
Conv. Total (cfs)	98390580.0	5385.44	563.24	989.64
Length wtd. (ft)	97.50	0.02	0.03	0.01
Min Ch El (ft)	631.67	0.01	0.01	0.00
Alpha	1.06	387656.80	20254.40	147583.90
Frctn Loss (ft)	0.00	3535.88	128.42	1287.41
C & E Loss (ft)				

CROSS SECTION

RIVER: SQUAW CREEK

REACH: SC

RS: 20234.5*

INPUT

Description:

Station Elevation Data			num= 27								
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	763.5	589.32	734.39	1068.79	711.01	1252.31	705.32	1457.44	700		
1473.31	699.72	1510.14	698.58	1767.97	694.17	2062.64	689.13	2357.3	683.66		
2651.96	678.19	3036.32	670.52	3241.29	668.76	3830.61	664.37	4858.12	657.59		
5303.92	648.92	5635.42	642.67	5822.92	640	5916.67	631.33	6016.67	631.33		
6216.67	642.92	6316.67	649.93	6466.67	672.83	6816.67	730	7016.67	742.13		
7066.67	744.47	7316.67	771.75								

Manning's n Values

num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	5635.42	.15	6216.67	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	5635.42	6216.67		97.5	97.5	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

		Left OB	Channel	Right OB
E.G. Elev (ft)	760.41	0.150	0.150	0.150
Vel Head (ft)	0.00	97.50	97.50	97.50
W.S. Elev (ft)	760.41	426481.60	71584.15	53786.14
Crit W.S. (ft)		426481.60	71584.15	53786.14
E.G. Slope (ft/ft)	0.000003	134225.70	30918.79	13349.15
Q Total (cfs)	178493.60	5572.79	581.25	996.04
Top Width (ft)	7150.08	0.31	0.43	0.25
Vel Total (ft/s)	0.32	76.53	123.16	54.00
Max Chl Dpth (ft)	129.08	76136700.0	17538040.0	7572028.0
Conv. Total (cfs)	101246800.0	5574.62	582.00	1003.95
Length wtd. (ft)	97.50	0.01	0.02	0.01
Min Ch El (ft)	631.33	0.00	0.01	0.00
Alpha	1.06	386717.10	20096.86	147463.90
Frctn Loss (ft)	0.00			

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C & E Loss (ft) Cum SA (acres) Rev3.rep 3523.62 127.14 1285.20

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 20137

INPUT

Description:

Station	Elevation	Data	num=	14	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	762	1100	711	1500	700	3125	670	5000	658			
5800	642	6000	640	6100	631	6200	631	6400	643			
6500	650	7000	730	7250	742	7500	771					

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	5800	.15	6400	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
5800	6400	335.02	335.02	335.02	.1	.3	

Ineffective Flow	num=	1
Sta L Sta R Elev Permanent		
0 3400 762 F		

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.41	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.40	Reach Len. (ft)	335.02	335.02	335.02
Crit W.S. (ft)		Flow Area (sq ft)	243976.90	73992.21	54153.03
E.G. Slope (ft/ft)	0.000005	Area (sq ft)	439893.90	73992.21	54153.03
Q Total (cfs)	178492.70	Flow (cfs)	119877.80	41319.76	17295.13
Top Width (ft)	7374.22	Top Width (ft)	5765.57	600.00	1008.65
Vel Total (ft/s)	0.48	Avg. Vel. (ft/s)	0.49	0.56	0.32
Max chl Dpth (ft)	129.40	Hydr. Depth (ft)	101.66	123.32	53.69
Conv. Total (cfs)	78379510.0	Conv. (cfs)	52640610.0	18144290.0	7594620.0
Length Wtd. (ft)	335.02	Wetted Per. (ft)	2400.19	600.77	1016.61
Min Ch El (ft)	631.00	Shear (lb/sq ft)	0.03	0.04	0.02
Alpha	1.06	Stream Power (lb/ft s)	0.02	0.02	0.01
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	385747.50	19933.94	147343.10
C & E Loss (ft)		Cum SA (acres)	3510.93	125.82	1282.95

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 19802

INPUT

Description:

Station	Elevation	Data	num=	19	Sta	Elev	Sta	Elev	Sta	Elev
0	790	500	750	700	720	850	700	1350	670	
1600	660	2000	650	2150	650	3100	642	3200	640	
3250	630	3350	630	3500	642	3675	660	3750	660	
3800	670	3900	670	4150	711	4600	771			

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	3100	.15	3500	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
3100	3500	589	589	589	.1	.3	

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.41	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.40	Reach Len. (ft)	589.00	589.00	589.00
Crit W.S. (ft)		Flow Area (sq ft)	242270.40	49910.64	67113.00
E.G. Slope (ft/ft)	0.000006	Area (sq ft)	242270.40	49910.64	67113.00
Q Total (cfs)	178489.70	Flow (cfs)	120265.30	31058.31	27166.08
Top Width (ft)	4150.53	Top Width (ft)	2730.02	400.00	1020.51
Vel Total (ft/s)	0.50	Avg. Vel. (ft/s)	0.50	0.62	0.40
Max chl Dpth (ft)	130.40	Hydr. Depth (ft)	88.74	124.78	65.76

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		Rev3.rep			
Conv. Total (cfs)	70774760.0	Conv. (cfs)	47687610.0	12315250.0	10771900.0
Length Wtd. (ft)	589.00	Wetted Per. (ft)	2735.26	401.49	1029.04
Min Ch El (ft)	630.00	Shear (lb/sq ft)	0.04	0.05	0.03
Alpha	1.05	Stream Power (lb/ft s)	0.02	0.03	0.01
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	383124.20	19457.47	146876.80
C & E Loss (ft)		Cum SA (acres)	3478.26	121.97	1275.15

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 19213

INPUT

Description:

Station Elevation Data			num=	20						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	740	100	740	150	730	300	720	600	670	
790	660	800	652	1000	650	1200	649	1300	642	
1600	640	2600	640	2650	629	2750	629	2900	640	
3200	650	3500	720	3600	731	3750	731	4400	784	

Manning's n Values			num=	3		
Sta	n Val	Sta	n Val	Sta	n Val	
0	.15	2600	.15	2900	.15	

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	2600	2900		290	290	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.40	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.40	Reach Len. (ft)	290.00	290.00	290.00
Crit W.S. (ft)		Flow Area (sq ft)	259175.00	38319.42	70437.99
E.G. Slope (ft/ft)	0.000006	Area (sq ft)	259175.00	38319.42	70437.99
Q Total (cfs)	178485.00	Flow (cfs)	130729.30	22891.71	24863.94
Top width (ft)	4110.54	Top Width (ft)	2600.00	300.00	1210.54
Vel Total (ft/s)	0.49	Avg. Vel. (ft/s)	0.50	0.60	0.35
Max Chl Dpth (ft)	131.40	Hydr. Depth (ft)	99.68	127.73	58.19
Conv. Total (cfs)	74800780.0	Conv. (cfs)	54786990.0	9593624.0	10420160.0
Length Wtd. (ft)	290.00	Wetted Per. (ft)	2629.19	301.60	1220.57
Min Ch El (ft)	629.00	Shear (lb/sq ft)	0.04	0.05	0.02
Alpha	1.06	Stream Power (lb/ft s)	0.02	0.03	0.01
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	379734.10	18860.96	145946.90
C & E Loss (ft)		Cum SA (acres)	3442.22	117.24	1260.07

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 18923

INPUT

Description:

Station Elevation Data			num=	24						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	740	50	730	400	710	600	670	900	649	
1000	649	1050	645	1400	640	2200	640	2600	635	
2650	628	2750	628	3000	634	3050	639	3200	639	
3370	650	3450	650	3600	660	3800	658	4000	670	
4100	680	4450	680	4700	720	5000	762			

Manning's n Values			num=	3		
Sta	n Val	Sta	n Val	Sta	n Val	
0	.15	2600	.15	3000	.15	

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	2600	3000		59	59	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.40	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.40	Reach Len. (ft)	59.00	59.00	59.00

		Rev3.rep			
Crit W.S. (ft)		Flow Area (sq ft)	263311.10	52034.40	165916.20
E.G. Slope (ft/ft)	0.000003	Area (sq ft)	263311.10	52034.40	165916.20
Q Total (cfs)	178482.00	Flow (cfs)	99653.91	23408.78	55419.31
Top Width (ft)	4988.56	Top width (ft)	2600.00	400.00	1988.56
Vel Total (ft/s)	0.37	Avg. Vel. (ft/s)	0.38	0.45	0.33
Max Chl Dpth (ft)	132.40	Hydr. Depth (ft)	101.27	130.09	83.44
Conv. Total (cfs)	100807400.0	Conv. (cfs)	56284940.0	13221380.0	31301060.0
Length wtd. (ft)	59.00	wetted Per. (ft)	2626.88	400.56	1996.36
Min Ch El (ft)	628.00	Shear (lb/sq ft)	0.02	0.03	0.02
Alpha	1.03	Stream Power (lb/ft s)	0.01	0.01	0.01
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	377994.80	18560.20	145160.10
C & E Loss (ft)		Cum SA (acres)	3424.91	114.91	1249.42

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 18864

INPUT

Description:

Station	Elevation	Data	num=	23						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta
0	760	200	720	500	690	800	690	850	688	
1050	690	1300	711	1400	715	1600	711	2000	647	
2200	650	2600	646	2900	638	3300	638	4000	630	
4025	626	4150	626	4175	630	4750	650	4900	650	
5000	655	5050	657	5800	756					

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	4000	.15	4175	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	4000	4175		172.67	172.67	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.40	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.40	Reach Len. (ft)	172.67	172.67	172.67
Crit W.S. (ft)		Flow Area (sq ft)	361719.70	23419.77	142222.90
E.G. Slope (ft/ft)	0.000003	Area (sq ft)	361719.70	23419.77	142222.90
Q Total (cfs)	178481.20	Flow (cfs)	121602.40	10220.49	46658.32
Top Width (ft)	5800.00	Top width (ft)	4000.00	175.00	1625.00
Vel Total (ft/s)	0.34	Avg. Vel. (ft/s)	0.34	0.44	0.33
Max Chl Dpth (ft)	134.40	Hydr. Depth (ft)	90.43	133.83	87.52
Conv. Total (cfs)	105743500.0	Conv. (cfs)	72044910.0	6055258.0	27643320.0
Length wtd. (ft)	172.67	wetted Per. (ft)	4012.19	175.64	1636.42
Min Ch El (ft)	626.00	Shear (lb/sq ft)	0.02	0.02	0.02
Alpha	1.01	Stream Power (lb/ft s)	0.01	0.01	0.01
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	377571.60	18509.10	144951.40
C & E Loss (ft)		Cum SA (acres)	3420.45	114.52	1246.97

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 18691.3*

INPUT

Description:

Station	Elevation	Data	num=	47						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta
0	760	279.17	724.22	510.48	705.62	638.1	699.52	638.1	696.86	
697.92	694	893.33	694	1020.95	690	1116.67	690	1186.46	688.67	
1465.62	690	1467.62	690.08	1563.33	690.59	1786.67	699.55	1814.58	700.3	
1914.29	700.9	1954.17	701.94	2233.33	701.22	2392.86	690.14	2488.57	681.16	
2552.38	677.95	2791.67	657.92	2871.43	657.9	3070.83	658.29	3254.29	656.46	
3445.71	656.21	3629.17	654.69	3828.57	651.46	4047.92	647.81	4083.81	647.67	
4402.86	642	4606.25	640.72	4721.9	639.37	5009.05	635.8	5232.38	634.58	
5583.33	630	5608.33	624	5716.67	624	5733.33	630	6044.44	639.43	
6346.67	646.57	6400	646.67	6506.67	646.67	6613.33	650	6666.67	651.33	

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6755.56 658.67 7466.67 758

Manning's	n Values		num=	3	
Sta	n Val	Sta	n Val	Sta	n Val
0	.15	5583.33	.15	5733.33	.15

Bank Sta:	Left	Right	Lengths:			Left	Channel	Right	Coeff	Contr.	Expan.
	5583.33	5733.33		172.67	172.67		172.67			.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.40	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.40	Reach Len. (ft)	172.67	172.67	172.67
Crit W.S. (ft)		Flow Area (sq ft)	492333.40	20334.87	156980.40
E.G. Slope (ft/ft)	0.000002	Area (sq ft)	492333.40	20334.87	156980.40
Q Total (cfs)	178478.40	Flow (cfs)	129489.60	7076.33	41912.46
Top width (ft)	7466.67	Top width (ft)	5583.33	150.00	1733.34
Vel Total (ft/s)	0.27	Avg. Vel. (ft/s)	0.26	0.35	0.27
Max Chl Dpth (ft)	136.40	Hydr. Depth (ft)	88.18	135.57	90.57
Conv. Total (cfs)	133040600.0	Conv. (cfs)	96523560.0	5274803.0	31242190.0
Length Wtd. (ft)	172.67	Wetted Per. (ft)	5591.83	151.76	1743.24
Min Ch El (ft)	624.00	Shear (lb/sq ft)	0.01	0.02	0.01
Alpha	1.01	Stream Power (lb/ft s)	0.00	0.01	0.00
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	375878.80	18422.38	144358.40
C & E Loss (ft)		Cum SA (acres)	3401.45	113.88	1240.32

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 18518.6*

INPUT

Description:

Station Elevation Data			num= 47								
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	760	358.33	728.44	655.24	707.81	819.05	704.76	819.05	699.43		
895.83	698	1146.67	698	1310.48	690	1433.33	690	1522.92	689.33		
1881.25	690	1883.81	690.04	2006.67	685.29	2293.33	689.77	2329.17	689.6		
2457.14	687.95	2508.33	688.89	2866.67	691.44	3071.43	687.57	3194.29	680.58		
3276.19	681.48	3583.33	668.83	3685.71	667.95	3941.67	666.58	4177.14	664.23		
4422.86	665.1	4658.33	663.39	4914.29	660.73	5195.83	657.61	5241.9	657.33		
5651.43	646	5912.5	643.45	6060.95	641.68	6429.52	636.9	6716.19	636.29		
7166.67	630	7191.67	622	7283.33	622	7291.67	630	7622.22	638.71		
7943.33	643.13	8000	643.33	8113.33	643.33	8226.67	645	8283.33	645.67		
8377.78	649.33	9133.33	760								

Manning's	n Values		num=	3	
Sta	n Val	Sta	n Val	Sta	n Val
0	.15	7166.67	.15	7291.67	.15

Bank Sta:	Left	Right	Lengths:			Left	Channel	Right	Coeff	Contr.	Expan.
	7166.67	7291.67		172.67	172.67		172.67			.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.40	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	wt. n-val.	0.150	0.150	0.150
W.S. Elev (ft)	760.40	Reach Len. (ft)	172.67	172.67	172.67
Crit W.S. (ft)		Flow Area (sq ft)	615823.60	17166.54	172404.10
E.G. Slope (ft/ft)	0.000001	Area (sq ft)	615823.60	17166.54	172404.10
Q Total (cfs)	178475.00	Flow (cfs)	133891.50	4988.13	39595.42
Top width (ft)	9133.33	Top width (ft)	7166.67	125.00	1841.66
Vel Total (ft/s)	0.22	Avg. Vel. (ft/s)	0.22	0.29	0.23
Max chl Dpth (ft)	138.40	Hydr. Depth (ft)	85.93	137.33	93.61
Conv. Total (cfs)	158214300.0	Conv. (cfs)	118691900.0	4421868.0	35100500.0
Length wtd. (ft)	172.67	Wetted Per. (ft)	7175.71	129.47	1850.35
Min ch El (ft)	622.00	Shear (lb/sq ft)	0.01	0.01	0.01
Alpha	1.01	Stream Power (lb/ft s)	0.00	0.00	0.00
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	373682.50	18348.05	143705.60
C & E Loss (ft)		Cum SA (acres)	3376.18	113.33	1233.23

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

Rev3.rep

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 18346

INPUT

Description:

Station Elevation Data			num=	30						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	760	800	710	1000	710	1000	702	1400	702	
1600	690	2300	690	2450	680	2800	680	3000	675	
3750	685	3900	680	4000	685	4500	678	5100	672	
5400	674	6000	670	6400	667	6900	650	7400	644	
7850	638	8200	638	8750	630	8775	620	8850	620	
8850	630	9200	638	9600	640	10000	640	10800	762	

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	8750	.15	8850	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	8750	8850		421	421	.1	.3

Ineffective Flow			num=	1
Sta L	Sta R	Elev	Permanent	F
0	6400	670		

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.40	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.40	Reach Len. (ft)	421.00	421.00	421.00
Crit W.S. (ft)		Flow Area (sq ft)	732167.70	13914.92	188486.80
E.G. Slope (ft/ft)	0.000001	Area (sq ft)	732167.70	13914.92	188486.80
Q Total (cfs)	178470.90	Flow (cfs)	136387.10	3377.97	38705.83
Top Width (ft)	10789.50	Top width (ft)	8750.00	100.00	1939.50
Vel Total (ft/s)	0.19	Avg. Vel. (ft/s)	0.19	0.24	0.21
Max chl Dpth (ft)	140.40	Hydr. Depth (ft)	83.68	139.15	97.18
Conv. Total (cfs)	181410500.0	Conv. (cfs)	138633600.0	3433614.0	39343360.0
Length wtd. (ft)	421.00	Wetted Per. (ft)	8761.52	111.93	1948.73
Min Ch El (ft)	620.00	Shear (lb/sq ft)	0.01	0.01	0.01
Alpha	1.01	Stream Power (lb/ft s)	0.00	0.00	0.00
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	371010.80	18286.45	142990.30
C & E Loss (ft)		Cum SA (acres)	3344.63	112.89	1225.74

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 17925

INPUT

Description:

Station Elevation Data			num=	20						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	770	800	680	1000	670	2300	670	2600	665	
3000	660	3650	662	4600	652	4700	650	6000	640	
6400	632	6420	629	6420	618	6600	618	6600	629	
7100	629	7700	638	8200	640	8300	640	9200	750	

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	6420	.15	6600	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	6420	6600		414	414	.1	.3

Ineffective Flow			num=	1
Sta L	Sta R	Elev	Permanent	F
0	4200	670		

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.40	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.40	Reach Len. (ft)	414.00	414.00	414.00
Crit W.S. (ft)		Flow Area (sq ft)	606510.10	25631.79	273436.90

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E.G. Slope (ft/ft)	0.000001	Area (sq ft)	606510.10	25631.79	273436.90
Q Total (cfs)	178460.30	Flow (cfs)	116706.80	5954.13	55799.33
Top Width (ft)	9114.66	Top Width (ft)	6334.66	180.00	2600.00
Vel Total (ft/s)	0.20	Avg. Vel. (ft/s)	0.19	0.23	0.20
Max Chl Dpth (ft)	142.40	Hydr. Depth (ft)	95.74	142.40	105.17
Conv. Total (cfs)	192172300.0	Conv. (cfs)	125674000.0	6411620.0	60086670.0
Length Wtd. (ft)	414.00	Wetted Per. (ft)	6339.91	202.00	2617.17
Min Ch El (ft)	618.00	Shear (lb/sq ft)	0.01	0.01	0.01
Alpha	1.01	Stream Power (lb/ft s)	0.00	0.00	0.00
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	364541.80	18095.34	140758.10
C & E Loss (ft)		Cum SA (acres)	3271.74	111.53	1203.80

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 17511

INPUT

Description:

Station Elevation Data			num=	24						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	760	400	720	900	735	1400	710	2000	670	
2300	670	2300	659	2450	659	2450	670	3200	670	
3650	660	4000	660	4300	655	4800	657	5250	650	
6800	640	7000	630	7100	617	7200	617	7300	630	
8000	630	8400	632	9200	640	10000	768			

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	7000	.15	7300	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	7000	7300		441	441	.1	.3

Ineffective Flow			num=	1
Sta L	Sta R	Elev	Permanent	
0	5100	670	F	

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.40	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.40	Reach Len. (ft)	441.00	441.00	441.00
Crit W.S. (ft)		Flow Area (sq ft)	609114.50	41719.55	287856.50
E.G. Slope (ft/ft)	0.000001	Area (sq ft)	609114.50	41719.55	287856.50
Q Total (cfs)	178450.30	Flow (cfs)	108734.60	10168.37	59547.31
Top Width (ft)	9952.49	Top Width (ft)	7000.00	300.00	2652.49
Vel Total (ft/s)	0.19	Avg. Vel. (ft/s)	0.18	0.24	0.21
Max Chl Dpth (ft)	143.40	Hydr. Depth (ft)	87.02	139.07	108.52
Conv. Total (cfs)	193955500.0	Conv. (cfs)	118182400.0	11051880.0	64721270.0
Length Wtd. (ft)	441.00	Wetted Per. (ft)	7027.07	301.68	2662.11
Min Ch El (ft)	617.00	Shear (lb/sq ft)	0.00	0.01	0.01
Alpha	1.03	Stream Power (lb/ft s)	0.00	0.00	0.00
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	358765.10	17775.28	138090.80
C & E Loss (ft)		Cum SA (acres)	3208.37	109.25	1178.84

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 17070

INPUT

Description:

Station Elevation Data			num=	36						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	742	200	730	400	730	400	720	800	720	
800	710	1200	710	1200	705	1550	700	2000	700	
2050	680	2600	680	2800	670	3500	670	3600	660	
3800	660	3800	670	4200	672	5200	660	5800	648	
6400	652	7800	640	8100	640	8500	630	8510	616	
8690	616	8700	630	9800	630	10400	640	10700	640	
11100	670	11600	660	12200	660	12300	670	12500	670	

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13600 790

Manning's n Values num= 3
Sta n Val Sta n Val
0 .15 8500 .15 8700 .15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
8500 8700 411 411 411 .1 .3

Ineffective Flow num= 1
Sta L Sta R Elev Permanent
0 6300 670 F

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.40	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.40	Reach Len. (ft)	411.00	411.00	411.00
Crit W.S. (ft)		Flow Area (sq ft)	759113.30	28739.72	469969.40
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	759113.30	28739.72	469969.40
Q Total (cfs)	178437.40	Flow (cfs)	103339.90	5152.37	69945.15
Top width (ft)	13328.65	Top width (ft)	8500.00	200.00	4628.65
Vel Total (ft/s)	0.14	Avg. Vel. (ft/s)	0.14	0.18	0.15
Max Chl Dpth (ft)	144.40	Hydr. Depth (ft)	89.31	143.70	101.53
Conv. Total (cfs)	258240800.0	Conv. (cfs)	149557100.0	7456686.0	101227000.0
Length wtd. (ft)	411.00	wetted Per. (ft)	8558.78	214.41	4635.38
Min Ch El (ft)	616.00	Shear (lb/sq ft)	0.00	0.00	0.00
Alpha	1.01	Stream Power (lb/ft s)	0.00	0.00	0.00
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	351839.10	17418.62	134254.70
C & E Loss (ft)		Cum SA (acres)	3129.91	106.72	1141.98

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 16659

INPUT

Description:

Station Elevation Data num= 26

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	760	1200	688	1550	680	1600	670	2100	670
2450	660	2500	650	2800	650	2850	660	3150	664
3700	661	4450	650	5200	645	6000	645	6500	640
6800	640	7200	630	7250	612	7400	612	7400	630
8400	630	9150	640	9350	640	9800	650	10000	650
11200	785								

Manning's n Values num= 3
Sta n Val Sta n Val
0 .15 7200 .15 7400 .15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
7200 7400 492 492 492 .1 .3

Ineffective Flow num= 1
Sta L Sta R Elev Permanent
0 4500 670 F

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.40	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.40	Reach Len. (ft)	492.00	492.00	492.00
Crit W.S. (ft)		Flow Area (sq ft)	681192.90	29229.66	376703.50
E.G. Slope (ft/ft)	0.000001	Area (sq ft)	681192.90	29229.66	376703.50
Q Total (cfs)	178424.40	Flow (cfs)	108348.30	5813.39	64262.77
Top width (ft)	10981.32	Top width (ft)	7200.00	200.00	3581.32
Vel Total (ft/s)	0.16	Avg. Vel. (ft/s)	0.16	0.20	0.17
Max Chl Dpth (ft)	148.40	Hydr. Depth (ft)	94.61	146.15	105.19
Conv. Total (cfs)	230597800.0	Conv. (cfs)	140030600.0	7513293.0	83053970.0
Length wtd. (ft)	492.00	wetted Per. (ft)	7206.04	221.14	3587.69
Min Ch El (ft)	612.00	Shear (lb/sq ft)	0.00	0.00	0.00
Alpha	1.01	Stream Power (lb/ft s)	0.00	0.00	0.00
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	345044.30	17145.14	130260.40
C & E Loss (ft)		Cum SA (acres)	3055.84	104.84	1103.25

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 16167

INPUT

Description:

Station Elevation Data			num=	22						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	762	1000	680	1200	673	1600	665	2300	660	
2800	658	2900	657	3000	650	3200	650	3200	660	
3600	660	5200	640	6400	640	6800	637	7200	630	
7250	611	7400	611	7410	630	8800	630	9600	638	
10000	650	10400	760							

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	7200	.15	7410	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff	Contr.	Expan.
	7200	7410		568	568		.1	.3

Ineffective Flow			num=	1
Sta L	Sta R	Elev	Permanent	F
0	4500	670		

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.40	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.40	Reach Len. (ft)	568.00	568.00	568.00
Crit W.S. (ft)		Flow Area (sq ft)	715831.80	30803.59	351090.20
E.G. Slope (ft/ft)	0.000001	Area (sq ft)	715831.80	30803.59	351090.20
Q Total (cfs)	178410.70	Flow (cfs)	111570.50	5940.11	60900.13
Top width (ft)	10380.46	Top width (ft)	7180.46	210.00	2990.00
Vel Total (ft/s)	0.16	Avg. Vel. (ft/s)	0.16	0.19	0.17
Max Chl Dpth (ft)	149.40	Hydr. Depth (ft)	99.69	146.68	117.42
Conv. Total (cfs)	243479900.0	Conv. (cfs)	152262000.0	8106568.0	83111370.0
Length wtd. (ft)	568.00	Wetted Per. (ft)	7194.43	224.96	3005.47
Min Ch El (ft)	611.00	Shear (lb/sq ft)	0.00	0.00	0.00
Alpha	1.01	Stream Power (lb/ft s)	0.00	0.00	0.00
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	337154.80	16806.11	126150.30
C & E Loss (ft)		Cum SA (acres)	2974.63	102.52	1066.14

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 15599

INPUT

Description:

Station Elevation Data			num=	29						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	760	0	750	300	750	700	680	1400	660	
2100	655	2600	655	3100	649	3400	649	3500	655	
4000	649	4400	649	4450	649	5000	649	5100	630	
5900	630	5900	632	6000	632	6100	629	6300	629	
6300	620	6500	620	6500	629	7400	629	7450	610	
7550	610	7700	629	9800	629	10800	780			

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	7450	.15	7700	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff	Contr.	Expan.
	7450	7700		798	798		.1	.3

Ineffective Flow			num=	1
Sta L	Sta R	Elev	Permanent	F
0	4200	670		

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.40	Element	Left OB	Channel	Right OB
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Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.40	Reach Len. (ft)	798.00	798.00	798.00
Crit W.S. (ft)		Flow Area (sq ft)	795239.30	36174.47	333105.80
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	795239.30	36174.47	333105.80
Q Total (cfs)	178394.70	Flow (cfs)	119781.80	6677.78	51935.14
Top width (ft)	10670.18	Top width (ft)	7450.00	250.00	2970.19
Vel Total (ft/s)	0.15	Avg. Vel. (ft/s)	0.15	0.18	0.16
Max Chl Dpth (ft)	150.40	Hydr. Depth (ft)	106.74	144.70	112.15
Conv. Total (cfs)	263014200.0	Conv. (cfs)	176598900.0	9845312.0	76569980.0
Length wtd. (ft)	798.00	wetted Per. (ft)	7492.35	251.20	2980.05
Min Ch El (ft)	610.00	Shear (lb/sq ft)	0.00	0.00	0.00
Alpha	1.01	Stream Power (lb/ft s)	0.00	0.00	0.00
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	327303.00	16369.43	121689.50
C & E Loss (ft)		Cum SA (acres)	2879.25	99.52	1027.28

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 14801

INPUT

Description:

Station	Elevation	Data	num=	22							
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	755	700	700	1300	660	2300	650	3600	650		
4000	640	4300	640	4900	660	6200	660	6400	640		
6800	640	7700	620	7750	609	7890	609	7900	620		
8000	625	8400	625	9600	630	10000	635	10200	650		
10900	780	11200	780								

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	7700	.15	7900	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	7700	7900		478	478	.1	.3

Ineffective Flow	num=	1
Sta L	Sta R	Elev
0	4400	670

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.40	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.40	Reach Len. (ft)	478.00	478.00	478.00
Crit W.S. (ft)		Flow Area (sq ft)	786811.40	29949.52	334977.30
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	786811.40	29949.52	334977.30
Q Total (cfs)	178371.10	Flow (cfs)	118123.60	5691.97	54555.57
Top width (ft)	10794.45	Top width (ft)	7700.00	200.00	2894.45
Vel Total (ft/s)	0.15	Avg. Vel. (ft/s)	0.15	0.19	0.16
Max Chl Dpth (ft)	151.40	Hydr. Depth (ft)	102.18	149.75	115.73
Conv. Total (cfs)	257010100.0	Conv. (cfs)	170201100.0	8201413.0	78607660.0
Length wtd. (ft)	478.00	wetted Per. (ft)	7710.61	206.06	2905.34
Min Ch El (ft)	609.00	Shear (lb/sq ft)	0.00	0.00	0.00
Alpha	1.01	Stream Power (lb/ft s)	0.00	0.00	0.00
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	312811.70	15763.75	115570.00
C & E Loss (ft)		Cum SA (acres)	2740.47	95.40	973.56

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 14323

INPUT

Description:

Station	Elevation	Data	num=	19							
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	900	670	2000	650	3800	650	4500	660		
4800	660	5000	663	5200	663	5900	658	6700	658		
7100	638	8000	620	8050	608	8250	608	8300	620		
9300	622	9700	622	10000	624	11200	780				

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Manning's n Values
Sta n Val Sta n Val Sta n Val
0 .15 8000 .15 8300 .15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
8000 8300 402 402 402 .1 .3
Ineffective Flow num= 1
Sta L Sta R Elev Permanent
0 4350 670 F

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.40	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.40	Reach Len. (ft)	402.00	402.00	402.00
Crit W.S. (ft)		Flow Area (sq ft)	826230.10	45119.25	307530.70
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	826230.10	45119.25	307530.70
Q Total (cfs)	178356.10	Flow (cfs)	121904.70	8529.37	47922.01
Top Width (ft)	11049.21	Top width (ft)	8000.00	300.00	2749.21
Vel Total (ft/s)	0.15	Avg. Vel. (ft/s)	0.15	0.19	0.16
Max chl Dpth (ft)	152.40	Hydr. Depth (ft)	103.28	150.40	111.86
Conv. Total (cfs)	262665500.0	Conv. (cfs)	179529400.0	12561220.0	70574860.0
Length Wtd. (ft)	402.00	Wetted Per. (ft)	8042.76	302.84	2758.05
Min Ch El (ft)	608.00	Shear (lb/sq ft)	0.00	0.00	0.00
Alpha	1.01	Stream Power (lb/ft s)	0.00	0.00	0.00
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	303961.50	15351.87	112044.70
C & E Loss (ft)		Cum SA (acres)	2654.33	92.66	942.60

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 13921

INPUT

Description:

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	800	670	1800	650	3300	650	4500	670
5100	668	6100	660	7200	630	8100	620	8150	607
8350	607	8400	620	9500	622	10000	630	10800	770

Manning's n Values
Sta n Val Sta n Val Sta n Val
0 .15 8100 .15 8400 .15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
8100 8400 417 417 417 .1 .3
Ineffective Flow num= 1
Sta L Sta R Elev Permanent
0 4350 670 F

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.40	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.40	Reach Len. (ft)	417.00	417.00	417.00
Crit W.S. (ft)		Flow Area (sq ft)	838817.90	45369.18	269116.90
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	838817.90	45369.18	269116.90
Q Total (cfs)	178343.20	Flow (cfs)	126215.10	8753.43	43374.70
Top Width (ft)	10745.13	Top width (ft)	8100.00	300.00	2345.13
Vel Total (ft/s)	0.15	Avg. Vel. (ft/s)	0.15	0.19	0.16
Max chl Dpth (ft)	153.40	Hydr. Depth (ft)	103.56	151.23	114.76
Conv. Total (cfs)	258015200.0	Conv. (cfs)	182599700.0	12663890.0	62751670.0
Length Wtd. (ft)	417.00	Wetted Per. (ft)	8142.83	303.32	2356.52
Min Ch El (ft)	607.00	Shear (lb/sq ft)	0.00	0.00	0.00
Alpha	1.01	Stream Power (lb/ft s)	0.00	0.00	0.00
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	296278.40	14934.33	109383.90
C & E Loss (ft)		Cum SA (acres)	2580.04	89.89	919.09

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

CROSS SECTION

Rev3.rep

RIVER: SQUAW CREEK
REACH: SC

RS: 13504

INPUT

Description:

Station Elevation Data			num=	18							
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	800	670	2000	650	2750	650	3200	662		
4100	662	4400	670	5100	670	6200	660	6900	632		
8300	620	8350	606	8450	606	8500	620	9600	620		
10000	630	10600	770	10800	770						

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	8300	.15	8500	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	8300	8500		450	450	.1	.3

Ineffective Flow num= 1
Sta L Sta R Elev Permanent
0 4350 670 F

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.40	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.40	Reach Len. (ft)	450.00	450.00	450.00
Crit W.S. (ft)		Flow Area (sq ft)	855895.90	30179.42	245031.50
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	855895.90	30179.42	245031.50
Q Total (cfs)	178330.10	Flow (cfs)	131166.20	5906.36	41257.55
Top width (ft)	10558.84	Top width (ft)	8300.00	200.00	2058.85
Vel Total (ft/s)	0.16	Avg. Vel. (ft/s)	0.15	0.20	0.17
Max Chl Dpth (ft)	154.40	Hydr. Depth (ft)	103.12	150.90	119.01
Conv. Total (cfs)	252614600.0	Conv. (cfs)	185804200.0	8366694.0	58443640.0
Length Wtd. (ft)	450.00	Wetted Per. (ft)	8343.05	203.85	2073.98
Min Ch El (ft)	606.00	Shear (lb/sq ft)	0.00	0.00	0.00
Alpha	1.01	Stream Power (lb/ft s)	0.00	0.00	0.00
Frctn Loss (ft)	0.00	Cum volume (acre-ft)	288166.70	14572.71	106922.90
C & E Loss (ft)		Cum SA (acres)	2501.54	87.49	898.01

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 13054

INPUT

Description:

Station Elevation Data			num=	21							
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	1100	670	1500	660	2000	650	2700	650		
2900	660	3200	660	3700	670	5200	670	6100	660		
6800	640	7200	628	7500	628	8300	620	8350	604		
8450	604	8500	620	9600	620	10000	630	10600	770		
10800	770										

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	8300	.15	8500	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	8300	8500		341	341	.1	.3

Ineffective Flow num= 1
Sta L Sta R Elev Permanent
0 4350 670 F

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.40	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.40	Reach Len. (ft)	341.00	341.00	341.00
Crit W.S. (ft)		Flow Area (sq ft)	837094.30	30479.38	245031.10
E.G. Slope (ft/ft)	0.000001	Area (sq ft)	837094.30	30479.38	245031.10
Q Total (cfs)	178316.30	Flow (cfs)	129805.30	6143.08	42367.95
Top width (ft)	10558.84	Top width (ft)	8300.00	200.00	2058.84

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Vel Total (ft/s)	0.16	Avg. Vel. (ft/s)	0.16	0.20	0.17
Max Chl Dpth (ft)	156.40	Hydr. Depth (ft)	100.85	152.40	119.01
Conv. Total (cfs)	245974400.0	Conv. (cfs)	179057000.0	8473932.0	58443520.0
Length Wtd. (ft)	341.00	Wetted Per. (ft)	8342.67	205.00	2073.98
Min Ch El (ft)	604.00	Shear (lb/sq ft)	0.00	0.00	0.00
Alpha	1.01	Stream Power (lb/ft s)	0.00	0.00	0.00
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	279421.90	14259.39	104391.60
C & E Loss (ft)		Cum SA (acres)	2415.80	85.43	876.74

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 12713

INPUT

Description:

Station	Elevation	Data	num=	19						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta
0	720	800	670	1700	655	2000	652	2400	655	
3200	670	3600	670	4000	675	4800	675	5800	660	
7100	630	7600	630	8200	620	8250	603	8350	603	
8400	620	9500	620	9800	630	10200	765			

Manning's n Values	num=	3	
Sta	n Val	Sta	n Val
0	.15	8200	.15
		8400	.15

Bank Sta: Left	Right	Lengths: Left	Channel	Right	Coeff	Contr.	Expan.
8200	8400	412	412	412	.1	.3	

Ineffective Flow	num=	1	
Sta L	Sta R	Elev	Permanent
0	4200	670	F

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.40	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.40	Reach Len. (ft)	412.00	412.00	412.00
Crit W.S. (ft)		Flow Area (sq ft)	822552.20	30629.32	220245.30
E.G. Slope (ft/ft)	0.000001	Area (sq ft)	822552.20	30629.32	220245.30
Q Total (cfs)	178305.90	Flow (cfs)	131641.50	6402.56	40261.80
Top Width (ft)	10186.36	Top Width (ft)	8200.00	200.00	1786.36
Vel Total (ft/s)	0.17	Avg. Vel. (ft/s)	0.16	0.21	0.18
Max Chl Dpth (ft)	157.40	Hydr. Depth (ft)	100.31	153.15	123.29
Conv. Total (cfs)	237446200.0	Conv. (cfs)	175304200.0	8526153.0	53615780.0
Length Wtd. (ft)	412.00	Wetted Per. (ft)	8242.82	205.62	1807.94
Min Ch El (ft)	603.00	Shear (lb/sq ft)	0.00	0.01	0.00
Alpha	1.02	Stream Power (lb/ft s)	0.00	0.00	0.00
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	272925.80	14020.21	102570.50
C & E Loss (ft)		Cum SA (acres)	2351.22	83.86	861.69

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 12301

INPUT

Description:

Station	Elevation	Data	num=	24						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta
0	720	600	680	950	660	2200	660	2800	662	
3200	670	3600	670	4000	680	4800	680	6000	650	
7200	632	7600	632	8300	620	8450	620	8600	601	
8750	601	8800	620	9200	620	9300	610	9500	610	
9650	620	9800	620	10400	760	10600	760			

Manning's n Values	num=	3	
Sta	n Val	Sta	n Val
0	.15	8450	.15
		8800	.15

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

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8450	8800		736	736	736	.1	.3
Ineffective Flow	num=	1					
Sta L Sta R	Elev	Permanent					
0 4200	670	F					

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.40	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.40	Reach Len. (ft)	736.00	736.00	736.00
Crit W.S. (ft)		Flow Area (sq ft)	849649.70	53888.75	185963.60
E.G. Slope (ft/ft)	0.000001	Area (sq ft)	849649.70	53888.75	185963.60
Q Total (cfs)	178293.20	Flow (cfs)	136519.10	11440.33	30333.78
Top width (ft)	10600.00	Top width (ft)	8450.00	350.00	1800.00
Vel Total (ft/s)	0.16	Avg. Vel. (ft/s)	0.16	0.21	0.16
Max Chl Dpth (ft)	159.40	Hydr. Depth (ft)	100.55	153.97	103.31
Conv. Total (cfs)	236882800.0	Conv. (cfs)	181381200.0	15199780.0	40301890.0
Length wtd. (ft)	736.00	Wetted Per. (ft)	8493.12	354.69	1817.35
Min Ch El (ft)	601.00	Shear (lb/sq ft)	0.00	0.01	0.00
Alpha	1.02	Stream Power (lb/ft s)	0.00	0.00	0.00
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	265017.80	13620.51	100649.50
C & E Loss (ft)		Cum SA (acres)	2272.48	81.26	844.73

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 11565

INPUT

Description:

Station	Elevation	Data	num=	23
Sta	Elev	Sta	Elev	Sta
0	720	800	668	850
2800	660	3200	670	3900
6800	632	7100	628	7400
8800	618	9000	617	9050
10100	620	10800	730	11600

Manning's n	Values	num=	3
Sta	n Val	Sta	n Val
0	.15	9000	.15
		9400	.15

Bank Sta: Left	Right	Lengths: Left	Channel	Right	Coeff	Contr.	Expan.
9000	9400	154	154	154	.1	.3	

Ineffective Flow	num=	1
Sta L Sta R	Elev	Permanent
0 3200	670	F

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.40	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.40	Reach Len. (ft)	154.00	154.00	154.00
Crit W.S. (ft)		Flow Area (sq ft)	922713.90	61733.40	172371.20
E.G. Slope (ft/ft)	0.000001	Area (sq ft)	922713.90	61733.40	172371.20
Q Total (cfs)	178269.60	Flow (cfs)	143352.40	12558.21	22358.94
Top width (ft)	11600.00	Top width (ft)	9000.00	400.00	2200.00
Vel Total (ft/s)	0.15	Avg. Vel. (ft/s)	0.16	0.20	0.13
Max Chl Dpth (ft)	160.40	Hydr. Depth (ft)	102.52	154.33	78.35
Conv. Total (cfs)	248200900.0	Conv. (cfs)	199586500.0	17484530.0	31129870.0
Length wtd. (ft)	154.00	Wetted Per. (ft)	9043.30	403.81	2214.38
Min Ch El (ft)	600.00	Shear (lb/sq ft)	0.00	0.00	0.00
Alpha	1.03	Stream Power (lb/ft s)	0.00	0.00	0.00
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	250044.60	12643.72	97622.20
C & E Loss (ft)		Cum SA (acres)	2125.06	74.92	810.94

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 11411

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INPUT

Description:

Station Elevation Data			num=	23					
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	675	1000	670	1400	670	2000	660
2800	660	3200	670	3900	680	5200	680	5900	650
6800	632	7100	628	7400	628	8300	622	8500	618
8800	618	9000	617	9050	599	9200	599	9400	620
10100	620	10800	730	11600	755				

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	9000	.15	9400	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff	Contr.	Expan.
	9000	9400		409	409		.1	.3

Ineffective Flow			num=	1
Sta L	Sta R	Elev	Permanent	
0	3400	670	F	

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.40	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.40	Reach Len. (ft)	409.00	409.00	409.00
Crit W.S. (ft)		Flow Area (sq ft)	923362.90	62008.35	172370.90
E.G. Slope (ft/ft)	0.000001	Area (sq ft)	923362.90	62008.35	172370.90
Q Total (cfs)	178264.60	Flow (cfs)	143313.60	12624.33	22326.66
Top width (ft)	11600.00	Top width (ft)	9000.00	400.00	2200.00
Vel Total (ft/s)	0.15	Avg. Vel. (ft/s)	0.16	0.20	0.13
Max Chl Dpth (ft)	161.40	Hydr. Depth (ft)	102.60	155.02	78.35
Conv. Total (cfs)	248552200.0	Conv. (cfs)	199820400.0	17601950.0	31129800.0
Length wtd. (ft)	409.00	wetted Per. (ft)	9043.31	404.24	2214.38
Min Ch El (ft)	599.00	Shear (lb/sq ft)	0.00	0.00	0.00
Alpha	1.03	Stream Power (lb/ft s)	0.00	0.00	0.00
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	246781.30	12424.99	97012.80
C & E Loss (ft)		Cum SA (acres)	2093.24	73.51	803.16

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 11002

INPUT

Description:

Station Elevation Data			num=	18					
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	740	100	740	1300	660	2400	655	3600	680
4500	680	5200	650	6400	630	6800	630	8100	620
8200	618	8250	601	8400	598	8500	598	8900	620
9400	620	10200	730	10800	760				

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	8200	.15	8500	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff	Contr.	Expan.
	8200	8500		424	424		.1	.3

Ineffective Flow			num=	1
Sta L	Sta R	Elev	Permanent	
0	3550	670	F	

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.40	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.40	Reach Len. (ft)	424.00	424.00	424.00
Crit W.S. (ft)		Flow Area (sq ft)	825094.20	47918.69	208309.90
E.G. Slope (ft/ft)	0.000001	Area (sq ft)	825094.20	47918.69	208309.90
Q Total (cfs)	178252.20	Flow (cfs)	135668.30	10675.79	31908.10
Top width (ft)	10800.00	Top width (ft)	8200.00	300.00	2300.00
Vel Total (ft/s)	0.16	Avg. Vel. (ft/s)	0.16	0.22	0.15
Max Chl Dpth (ft)	162.40	Hydr. Depth (ft)	100.62	159.73	90.57
Conv. Total (cfs)	231866100.0	Conv. (cfs)	176474000.0	13886800.0	41505270.0
Length wtd. (ft)	424.00	wetted Per. (ft)	8224.20	302.84	2309.28

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Min Ch El (ft)	598.00	Shear (lb/sq ft)	0.00	0.01	0.00
Alpha	1.02	Stream Power (lb/ft s)	0.00	0.00	0.00
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	238572.90	11908.91	95225.63
C & E Loss (ft)		Cum SA (acres)	2012.49	70.22	782.03

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

CROSS SECTION

RIVER: SQUAW CREEK

REACH: SC

RS: 10578

INPUT

Description:

Station Elevation Data			num=	21					
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	750	400	720	800	720	1800	660	2000	660
2400	650	3700	660	4100	680	4500	680	5200	650
6400	630	7200	630	7600	622	8400	620	8500	597
8600	597	8650	610	9400	620	9900	620	10400	710
10800	750								

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	8400	.15	8650	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	8400	8650		266	266	.1	.3

Ineffective Flow	num=	1
Sta L Sta R Elev	Permanent	F
0 4200 670		

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.40	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.40	Reach Len. (ft)	266.00	266.00	266.00
Crit W.S. (ft)		Flow Area (sq ft)	845120.70	39373.83	239099.90
E.G. Slope (ft/ft)	0.000001	Area (sq ft)	845120.70	39373.83	239099.90
Q Total (cfs)	178240.20	Flow (cfs)	130762.50	8130.73	39346.92
Top width (ft)	10800.00	Top width (ft)	8400.00	250.00	2150.00
Vel Total (ft/s)	0.16	Avg. Vel. (ft/s)	0.15	0.21	0.16
Max chl Dpth (ft)	163.40	Hydr. Depth (ft)	100.61	157.50	111.21
Conv. Total (cfs)	246561800.0	Conv. (cfs)	180885400.0	11247330.0	54429060.0
Length wtd. (ft)	266.00	Wetted Per. (ft)	8414.87	254.27	2170.49
Min Ch El (ft)	597.00	Shear (lb/sq ft)	0.00	0.01	0.00
Alpha	1.01	Stream Power (lb/ft s)	0.00	0.00	0.00
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	230444.20	11484.07	93048.16
C & E Loss (ft)		Cum SA (acres)	1931.70	67.55	760.38

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

CROSS SECTION

RIVER: SQUAW CREEK

REACH: SC

RS: 10312

INPUT

Description:

Station Elevation Data			num=	24					
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	730	400	710	600	710	700	700	1100	700
2400	660	2600	650	3600	650	4400	680	4800	680
5600	648	6200	630	7400	630	8000	620	8400	620
8600	610	8650	596	8700	596	8750	610	9300	615
9700	620	10200	620	10800	710	11700	750		

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	8600	.15	8750	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	8600	8750		289	289	.1	.3

Ineffective Flow	num=	1
Sta L Sta R Elev	Permanent	

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0 4400 670 F

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.40	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.40	Reach Len. (ft)	289.00	289.00	289.00
Crit W.S. (ft)		Flow Area (sq ft)	873298.80	23959.28	293290.80
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	873298.80	23959.28	293290.80
Q Total (cfs)	178232.60	Flow (cfs)	130358.70	4768.82	43105.11
Top Width (ft)	11700.00	Top width (ft)	8600.00	150.00	2950.00
Vel Total (ft/s)	0.15	Avg. Vel. (ft/s)	0.15	0.20	0.15
Max Chl Dpth (ft)	164.40	Hydr. Depth (ft)	101.55	159.73	99.42
Conv. Total (cfs)	256770800.0	Conv. (cfs)	187801200.0	6870200.0	62099380.0
Length wtd. (ft)	289.00	Wetted Per. (ft)	8634.06	153.85	2968.05
Min Ch El (ft)	596.00	Shear (lb/sq ft)	0.00	0.00	0.00
Alpha	1.01	Stream Power (lb/ft s)	0.00	0.00	0.00
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	225197.40	11290.70	91422.63
C & E Loss (ft)		Cum SA (acres)	1879.80	66.33	744.80

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 10023

INPUT

Description:

Station Elevation Data			num=	24						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	730	800	680	1600	658	2200	649	2800	645	
3100	649	3500	680	3700	680	4000	660	5200	630	
5800	630	6000	628	6000	630	6600	630	7200	620	
7400	610	7450	595	7575	595	7600	610	7800	612	
8500	615	8900	620	9300	620	10400	745			

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	7400	.15	7600	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	7400	7600		832	832	.1	.3

Ineffective Flow			num=	1
Sta L	Sta R	Elev	Permanent	
0	3550	670	F	

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.40	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.40	Reach Len. (ft)	832.00	832.00	832.00
Crit W.S. (ft)		Flow Area (sq ft)	796723.60	32516.52	331706.20
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	796723.60	32516.52	331706.20
Q Total (cfs)	178224.10	Flow (cfs)	119163.50	6290.07	52770.53
Top Width (ft)	10400.00	Top width (ft)	7400.00	200.00	2800.00
Vel Total (ft/s)	0.15	Avg. Vel. (ft/s)	0.15	0.19	0.16
Max Chl Dpth (ft)	165.40	Hydr. Depth (ft)	107.67	162.58	118.47
Conv. Total (cfs)	266262500.0	Conv. (cfs)	178027400.0	9397206.0	78837900.0
Length wtd. (ft)	832.00	Wetted Per. (ft)	7436.95	206.36	2822.52
Min Ch El (ft)	595.00	Shear (lb/sq ft)	0.00	0.00	0.00
Alpha	1.01	Stream Power (lb/ft s)	0.00	0.00	0.00
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	219657.50	11103.36	89349.34
C & E Loss (ft)		Cum SA (acres)	1826.72	65.17	725.73

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 9191

INPUT

Description:

Station Elevation Data num= 25

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Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta
0	730	400	720	800	730	2000	677	3600
4400	640	4600	654	5200	640	5600	640	6300
6400	630	6800	620	7100	620	7950	612	8050
8200	610	8250	594	8300	594	8350	610	9800
10000	620	10300	630	10900	700	11100	690	11900
Manning's n Values								
Sta	n Val	Sta	n Val	Sta	n Val	Sta	n Val	Sta
0	.15	8250	.15	8350	.15			
Bank Sta: Left Right Lengths: Left Channel Right								
	8250	8350		382	382		382	
Ineffective Flow num= 1								
Sta L	Sta R	Elev	Permanent					
0	4660	670	F					
CROSS SECTION OUTPUT Profile #Max WS								
E.G. Elev (ft)	760.40	Element		Left OB	Channel	Right OB		
Vel Head (ft)	0.00	Wt. n-Val.		0.150	0.150	0.150		
W.S. Elev (ft)	760.39	Reach Len. (ft)		382.00	382.00	382.00		
Crit W.S. (ft)		Flow Area (sq ft)		859806.40	16239.47	387801.30		
E.G. Slope (ft/ft)	0.000000	Area (sq ft)		859806.40	16239.47	387801.30		
Q Total (cfs)	178199.10	Flow (cfs)		119638.30	2996.15	55564.63		
Top Width (ft)	11900.00	Top Width (ft)		8250.00	100.00	3550.00		
Vel Total (ft/s)	0.14	Avg. Vel. (ft/s)		0.14	0.18	0.14		
Max Chl Dpth (ft)	166.39	Hydr. Depth (ft)		104.22	162.39	109.24		
Conv. Total (cfs)	280149300.0	Conv. (cfs)		188085100.0	4710292.0	87353940.0		
Length wtd. (ft)	382.00	Wetted Per. (ft)		8285.64	102.50	3576.47		
Min Ch El (ft)	594.00	Shear (lb/sq ft)		0.00	0.00	0.00		
Alpha	1.00	Stream Power (lb/ft s)		0.00	0.00	0.00		
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)		203837.60	10637.74	82478.02		
C & E Loss (ft)		Cum SA (acres)		1677.26	62.30	665.09		

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 8809

INPUT

Description:

Station Elevation Data num= 33								
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta
0	728	800	700	950	700	1000	690	1600
1625	680	2000	680	3200	650	3500	650	4000
4400	640	4700	630	5000	628	5200	632	5600
6000	628	6500	628	6600	623	7200	618	8400
8800	610	9000	610	9100	593	9150	593	9200
10900	620	11200	630	11300	630	11600	700	11900
12100	680	12800	735	13000	730			

Manning's n Values num= 3								
Sta	n Val	Sta	n Val	Sta	n Val	Sta	n Val	Sta
0	.15	9000	.15	9200	.15			

Bank Sta: Left Right Lengths: Left Channel Right								
	9000	9200		527	527		527	
Ineffective Flow num= 1								
Sta L	Sta R	Elev	Permanent					
0	5800	670	F					

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.40	Element		Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.		0.150	0.150	0.150
W.S. Elev (ft)	760.39	Reach Len. (ft)		527.00	527.00	527.00
Crit W.S. (ft)		Flow Area (sq ft)		1009327.00	32203.94	404249.90
E.G. Slope (ft/ft)	0.000000	Area (sq ft)		1009327.00	32203.94	404249.90
Q Total (cfs)	178187.00	Flow (cfs)		125039.50	5020.50	48126.97
Top Width (ft)	13000.00	Top Width (ft)		9000.00	200.00	3800.00
Vel Total (ft/s)	0.12	Avg. Vel. (ft/s)		0.12	0.16	0.12
Max Chl Dpth (ft)	167.39	Hydr. Depth (ft)		112.15	161.02	106.38
Conv. Total (cfs)	330455600.0	Conv. (cfs)		231891300.0	9310730.0	89253570.0
Length wtd. (ft)	527.00	Wetted Per. (ft)		9036.69	204.25	3841.87

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Min Ch El (ft)	593.00	Shear (lb/sq ft)	0.00	0.00	0.00
Alpha	1.01	Stream Power (lb/ft s)	0.00	0.00	0.00
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	195641.90	10425.32	79005.06
C & E Loss (ft)		Cum SA (acres)	1601.63	60.99	632.86

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 8282

INPUT

Description:

Station Elevation Data	num=	31							
Sta Elev Sta Elev Sta Elev Sta Elev Sta Elev									
0 725 800 705 1000 708 1400 690 1500 690									
1900 700 2800 660 3100 660 3200 656 4000 640									
4500 640 4800 630 6400 630 6700 619 7200 611									
7600 611 8500 609 9100 609 9150 592 9200 592									
9250 609 9600 609 10800 620 11400 640 11600 665									
11700 648 11700 650 12100 650 12200 660 12400 660									
13200 720									

Manning's n Values

Sta n Val Sta n Val Sta n Val	num=	3
0 .15 9100 .15 9250 .15		

Bank Sta: Left Right	Lengths: Left Channel Right	Coeff Contr.	Expan.
9100 9250	604 604 604	.1	.3

Ineffective Flow	num=	1
Sta L Sta R Elev Permanent		
0 6000 670 F		

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.39	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.39	Reach Len. (ft)	604.00	604.00	604.00
Crit W.S. (ft)		Flow Area (sq ft)	1013340.00	24409.17	469358.20
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1013340.00	24409.17	469358.20
Q Total (cfs)	178168.80	Flow (cfs)	117881.50	3577.85	56709.43
Top Width (ft)	13200.00	Top Width (ft)	9100.00	150.00	3950.00
Vel Total (ft/s)	0.12	Avg. Vel. (ft/s)	0.12	0.15	0.12
Max chl Dpth (ft)	168.39	Hydr. Depth (ft)	111.36	162.73	118.82
Conv. Total (cfs)	350204500.0	Conv. (cfs)	231705200.0	7032531.0	111466800.0
Length Wtd. (ft)	604.00	Wetted Per. (ft)	9137.76	155.62	3998.52
Min Ch El (ft)	592.00	Shear (lb/sq ft)	0.00	0.00	0.00
Alpha	1.00	Stream Power (lb/ft s)	0.00	0.00	0.00
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	183406.50	10082.86	73720.49
C & E Loss (ft)		Cum SA (acres)	1492.14	58.87	585.98

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 7678

INPUT

Description:

Station Elevation Data	num=	29							
Sta Elev Sta Elev Sta Elev Sta Elev Sta Elev									
0 720 400 704 800 718 2000 665 2400 665									
3200 640 3500 640 4000 630 5000 630 5100 624									
5500 630 5900 620 6700 614 7600 614 8000 605									
8350 600 8400 591 8600 591 8700 600 8800 609									
9600 609 10300 620 10500 620 10800 636 11000 631									
12000 696 12400 670 12600 670 13000 706									

Manning's n Values

Sta n Val Sta n Val Sta n Val	num=	3
0 .15 8350 .15 8700 .15		

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

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8350 8700 308 308 308 .1 .3

Ineffective Flow num= 1
Sta L Sta R Elev Permanent
0 5200 670 F

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.39	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.39	Reach Len. (ft)	308.00	308.00	308.00
Crit W.S. (ft)		Flow Area (sq ft)	958418.30	58613.04	506895.90
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	958418.30	58613.04	506895.90
Q Total (cfs)	178147.10	Flow (cfs)	110374.50	8693.09	59079.50
Top width (ft)	13000.00	Top width (ft)	8350.00	350.00	4300.00
Vel Total (ft/s)	0.12	Avg. Vel. (ft/s)	0.12	0.15	0.12
Max Chl Dpth (ft)	169.39	Hydr. Depth (ft)	114.78	167.47	117.88
Conv. Total (cfs)	360680800.0	Conv. (cfs)	223466800.0	17600230.0	119613800.0
Length Wtd. (ft)	308.00	wetted Per. (ft)	8393.13	351.21	4359.95
Min Ch El (ft)	591.00	Shear (lb/sq ft)	0.00	0.00	0.00
Alpha	1.01	Stream Power (lb/ft s)	0.00	0.00	0.00
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	169736.40	9507.27	66952.16
C & E Loss (ft)		Cum SA (acres)	1371.16	55.40	528.78

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 7370

INPUT

Description:

Station	Elevation	Data	num=	26	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	715	800	671	1000	670	1200	670	1600	650		
2000	640	2400	640	2800	630	3800	630	4200	620		
4800	620	5000	610	6400	610	7100	600	7550	600		
7600	590	7700	590	7800	600	8200	600	8300	610		
8800	610	9700	620	10700	670	11000	680	11600	730		
12000	730										

Manning's n	Values	num=	3	Sta	n Val	Sta	n Val
0	.15	7550	.15	7800	.15		

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff Contr.	Expan.
	7550	7800		671	671	671	.1	.3

Ineffective Flow num= 1
Sta L Sta R Elev Permanent
0 4000 670 F

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.39	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.39	Reach Len. (ft)	671.00	671.00	671.00
Crit W.S. (ft)		Flow Area (sq ft)	963976.90	41848.57	472156.00
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	963976.90	41848.57	472156.00
Q Total (cfs)	178136.50	Flow (cfs)	118646.30	6171.49	53318.74
Top width (ft)	12000.00	Top width (ft)	7550.00	250.00	4200.00
Vel Total (ft/s)	0.12	Avg. Vel. (ft/s)	0.12	0.15	0.11
Max Chl Dpth (ft)	170.39	Hydr. Depth (ft)	127.68	167.39	112.42
Conv. Total (cfs)	362011000.0	Conv. (cfs)	241114300.0	12541780.0	108355000.0
Length Wtd. (ft)	671.00	wetted Per. (ft)	7597.80	251.49	4234.44
Min Ch El (ft)	590.00	Shear (lb/sq ft)	0.00	0.00	0.00
Alpha	1.01	Stream Power (lb/ft s)	0.00	0.00	0.00
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	162940.00	9152.11	63490.86
C & E Loss (ft)		Cum SA (acres)	1314.94	53.28	498.73

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

CROSS SECTION

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RIVER: SQUAW CREEK
REACH: SC

RS: 6699

INPUT

Description:

Station	Elevation	Data	num=	26	Sta	Elev	Sta	Elev	Sta	Elev
0	716	800	676	1600	650	1800	650	2200	640	
2600	640	3000	629	3600	629	3800	632	4400	620	
4800	620	5200	614	5400	614	5600	610	6900	610	
7400	605	7700	600	8000	600	8100	589	8300	589	
8400	600	8800	610	9600	610	10800	638	11400	638	
12200	720									

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	8000	.15	8400	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	8000	8400		838	838	.1	.3
Ineffective Flow			num=	1			
Sta L	Sta R	Elev	Permanent	F			
0	4000	670					

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.39	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.39	Reach Len. (ft)	838.00	838.00	838.00
Crit W.S. (ft)		Flow Area (sq ft)	1021554.00	67457.69	484698.10
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1021554.00	67457.69	484698.10
Q Total (cfs)	178113.10	Flow (cfs)	114773.80	9140.05	54199.22
Top Width (ft)	12200.00	Top Width (ft)	8000.00	400.00	3800.00
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.11
Max Chl Dpth (ft)	171.39	Hydr. Depth (ft)	127.69	168.64	127.55
Conv. Total (cfs)	396696600.0	conv. (cfs)	255626300.0	20356880.0	120713400.0
Length Wtd. (ft)	838.00	wetted Per. (ft)	8046.39	401.21	3845.04
Min Ch El (ft)	589.00	Shear (lb/sq ft)	0.00	0.00	0.00
Alpha	1.01	Stream Power (lb/ft s)	0.00	0.00	0.00
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	147647.50	8310.23	56121.15
C & E Loss (ft)		Cum SA (acres)	1195.18	48.27	437.12

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 5861

INPUT

Description:

Station	Elevation	Data	num=	32	Sta	Elev	Sta	Elev	Sta	Elev
0	718	800	680	1600	652	2000	640	2200	640	
2400	645	2700	645	3000	638	3300	638	3400	640	
4000	640	4100	630	4400	630	4800	620	6400	610	
7400	610	8000	600	8350	600	8400	588	8600	588	
8700	600	9100	600	9600	610	10700	610	10900	620	
11100	620	11200	628	11300	620	11700	620	11800	630	
12400	630	13200	733							

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	8350	.15	8700	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	8350	8700		667	667	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.39	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.39	Reach Len. (ft)	667.00	667.00	667.00
Crit W.S. (ft)		Flow Area (sq ft)	1047641.00	59437.94	602773.40
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1047641.00	59437.94	602773.40
Q Total (cfs)	178083.20	Flow (cfs)	106674.70	7401.99	64006.54

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Top Width (ft)	13200.00	Top Width (ft)	8350.00	350.00	4500.00
Vel Total (ft/s)	0.10	Avg. Vel. (ft/s)	0.10	0.12	0.11
Max Chl Dpth (ft)	172.39	Hydr. Depth (ft)	125.47	169.82	133.95
Conv. Total (cfs)	432656800.0	Conv. (cfs)	259168300.0	17983280.0	155505200.0
Length Wtd. (ft)	667.00	wetted Per. (ft)	8394.87	352.14	4535.49
Min Ch El (ft)	588.00	Shear (lb/sq ft)	0.00	0.00	0.00
Alpha	1.01	Stream Power (lb/ft s)	0.00	0.00	0.00
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	127744.00	7089.63	45660.86
C & E Loss (ft)		Cum SA (acres)	1037.91	41.06	357.28

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 5194

INPUT

Description:

Station Elevation Data			num=	31						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	718	800	678	900	670	1200	670	1500	660	
1600	660	2000	642	2200	642	2400	649	2800	642	
3200	642	3800	640	4000	640	4200	642	5100	618	
5300	618	6000	612	6400	610	8200	610	8250	587	
8400	587	8650	598	8800	600	9700	600	10000	610	
10400	610	10600	615	10800	615	11000	620	11600	710	
12000	750									

Manning's n Values

num=			3			
Sta	n Val	Sta	n Val	Sta	n Val	
0	.15	8200	.15	8650	.15	

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	8200	8650		474	474	474		.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.39	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.39	Reach Len. (ft)	474.00	474.00	474.00
Crit W.S. (ft)		Flow Area (sq ft)	1005730.00	76077.27	431969.60
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1005730.00	76077.27	431969.60
Q Total (cfs)	178060.30	Flow (cfs)	115827.30	10806.96	51426.02
Top Width (ft)	12000.00	Top Width (ft)	8200.00	450.00	3350.00
Vel Total (ft/s)	0.12	Avg. Vel. (ft/s)	0.12	0.14	0.12
Max chl Dpth (ft)	173.39	Hydr. Depth (ft)	122.65	169.06	128.95
Conv. Total (cfs)	376710600.0	Conv. (cfs)	245048400.0	22863580.0	108798700.0
Length Wtd. (ft)	474.00	wetted Per. (ft)	8244.83	455.28	3369.41
Min Ch El (ft)	587.00	Shear (lb/sq ft)	0.00	0.00	0.00
Alpha	1.01	Stream Power (lb/ft s)	0.00	0.00	0.00
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	112023.20	6052.11	37738.75
C & E Loss (ft)		Cum SA (acres)	911.20	34.93	297.18

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 4720

INPUT

Description:

Station Elevation Data			num=	31							
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	718	1000	670	1400	660	1800	660	2000	650		
2300	650	2500	655	2700	655	2800	650	3200	650		
3600	645	3900	640	4000	640	4200	650	4400	650		
4450	640	5200	615	5400	615	6500	612	6700	612		
6800	610	8700	610	8800	585	8900	585	9100	600		
9600	600	10800	610	11600	620	12000	710	13000	760		
13200	760										

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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
0 .15 8700	.15	9100	.15				

Bank Sta: Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
8700	9100		46.5 46.5	46.5	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.39	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.39	Reach Len. (ft)	46.50	46.50	46.50
Crit W.S. (ft)		Flow Area (sq ft)	1060702.00	67407.57	446615.00
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1060702.00	67407.57	446615.00
Q Total (cfs)	178044.30	Flow (cfs)	121129.10	9527.52	47387.70
Top width (ft)	13200.00	Top width (ft)	8700.00	400.00	4100.00
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.11
Max Chl Dpth (ft)	175.39	Hydr. Depth (ft)	121.92	168.52	108.93
Conv. Total (cfs)	378417200.0	Conv. (cfs)	257449000.0	20249890.0	100718300.0
Length Wtd. (ft)	46.50	Wetted Per. (ft)	8745.86	403.64	4111.75
Min Ch El (ft)	585.00	Shear (lb/sq ft)	0.00	0.00	0.00
Alpha	1.01	Stream Power (lb/ft s)	0.00	0.00	0.00
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	100780.20	5271.44	32958.57
C & E Loss (ft)		Cum SA (acres)	819.25	30.31	256.64

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 4673.5*

INPUT

Description:

Station Elevation Data	num=	50					
Sta Elev	Sta Elev	Sta Elev	Sta Elev	Sta Elev	Sta Elev	Sta Elev	Sta Elev
0 718.2 760.87	681.52	1005.75	669.97	1236.41	663.84	1331.52	661.91
1408.05 660.23 1616.85	660.3	1810.34	659.42	1902.17	654.89	2011.49	650
2092.39 650 2187.5	651	2313.22	651	2472.83	654.57	2514.37	655.44
2715.52 655.14 2816.09	650.48	3218.39	649.88	3620.69	644.78	3804.35	641.76
3922.41 640 4022.99	640	4224.14	649	4375	649	4425.29	648.95
4475.57 639.89 4565.22	637.13	4755.43	629.65	5229.89	615.08	5326.09	615
5431.03 614.93 6086.96	612.9	6537.36	611.8	6657.61	611.8	6738.51	611.71
6839.08 609.81 6847.83	609.8	8750	609.8	8860	584.9	8960	584.9
9170 600 9651.71	600.21	10807.8	609.72	11448.85	617.49	11578.54	619.28
11904.62 688.54 11963.9	701.59	12816.15	749.81	12927.32	756.28	13120	758.5

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 8750	.15	9170	.15			

Bank Sta: Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
8750	9170		46.5 46.5	46.5	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.39	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.39	Reach Len. (ft)	46.50	46.50	46.50
Crit W.S. (ft)		Flow Area (sq ft)	1067917.00	70752.44	438977.40
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1067917.00	70752.44	438977.40
Q Total (cfs)	178042.80	Flow (cfs)	121225.50	9938.50	46878.84
Top width (ft)	13120.00	Top width (ft)	8750.00	420.00	3950.00
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.11
Max Chl Dpth (ft)	175.49	Hydr. Depth (ft)	122.05	168.46	111.13
Conv. Total (cfs)	380972700.0	Conv. (cfs)	259396000.0	21266210.0	100310500.0
Length Wtd. (ft)	46.50	Wetted Per. (ft)	8795.37	423.33	3962.25
Min Ch El (ft)	584.90	Shear (lb/sq ft)	0.00	0.00	0.00
Alpha	1.01	Stream Power (lb/ft s)	0.00	0.00	0.00
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	99644.09	5197.70	32485.89
C & E Loss (ft)		Cum SA (acres)	809.94	29.87	252.35

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

Rev3.rep

CROSS SECTION

RIVER: SQUAW CREEK
 REACH: SC

RS: 4627.*

INPUT

Description:

Station Elevation Data			num= 50			Elev Sta			Elev Sta			Elev Sta		
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	718.4	765.22	681.35	1011.49	669.94	1243.48	663.41	1339.13	661.92					
1416.09	660.45	1626.09	660.6	1820.69	658.84	1913.04	654.35	2022.99	650					
2104.35	650	2200	652	2326.44	652	2486.96	655.17	2528.74	655.88					
2731.03	655.27	2832.18	650.97	3236.78	649.76	3641.38	644.55	3826.09	641.57					
3944.83	640	4045.98	640	4248.28	648	4400	648	4450.57	647.89					
4501.15	639.79	4591.3	637.22	4782.61	628.58	5259.77	615.17	5356.52	615					
5462.07	614.86	6121.74	612.58	6574.71	611.6	6695.65	611.6	6777.01	611.43					
6878.16	609.62	6886.96	609.6	8800	609.6	8920	584.8	9020	584.8					
9240	600	9703.42	600.42	10815.61	609.44	11432.31	616.65	11557.07	618.57					
11870.77	680.92	11927.8	693.17	12747.69	745.38	12854.63	752.56	13040	757					

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	8800	.15	9240	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	8800	9240		46.5	46.5	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.39	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.39	Reach Len. (ft)	46.50	46.50	46.50
Crit W.S. (ft)		Flow Area (sq ft)	1075142.00	74101.28	430690.20
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1075142.00	74101.28	430690.20
Q Total (cfs)	178041.30	Flow (cfs)	121386.50	10349.62	46305.21
Top Width (ft)	13040.00	Top Width (ft)	8800.00	440.00	3800.00
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.11
Max Chl Dpth (ft)	175.59	Hydr. Depth (ft)	122.18	168.41	113.34
Conv. Total (cfs)	383325500.0	Conv. (cfs)	261346800.0	22282890.0	99695780.0
Length Wtd. (ft)	46.50	Wetted Per. (ft)	8844.94	443.06	3812.88
Min Ch El (ft)	584.80	Shear (lb/sq ft)	0.00	0.00	0.00
Alpha	1.01	Stream Power (lb/ft s)	0.00	0.00	0.00
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	98500.23	5120.39	32021.71
C & E Loss (ft)		Cum SA (acres)	800.57	29.41	248.21

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

CROSS SECTION

RIVER: SQUAW CREEK
 REACH: SC

RS: 4580.5*

INPUT

Description:

Station Elevation Data			num= 50			Elev Sta			Elev Sta			Elev Sta		
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	
0	718.6	769.57	681.18	1017.24	669.91	1250.54	662.99	1346.74	661.93					
1424.14	660.68	1635.33	660.9	1831.03	658.26	1923.91	653.8	2034.48	650					
2116.3	650	2212.5	653	2339.66	653	2501.09	655.78	2543.1	656.31					
2746.55	655.41	2848.28	651.45	3255.17	649.64	3662.07	644.33	3847.83	641.37					
3967.24	640	4068.97	640	4272.41	647	4425	647	4475.86	646.84					
4526.72	639.68	4617.39	637.32	4809.78	627.51	5289.66	615.25	5386.96	615					
5493.1	614.79	6156.52	612.25	6612.07	611.4	6733.7	611.4	6815.52	611.14					
6917.24	609.43	6926.09	609.4	8850	609.4	8980	584.7	9080	584.7					
9310	600	9755.12	600.63	10823.42	609.16	11415.77	615.82	11535.61	617.85					
11836.92	673.31	11891.71	684.76	12679.23	740.96	12781.95	748.84	12960	755.5					

Manning's n Values

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	8850	.15	9310	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	8850	9310		46.5	46.5	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

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E.G. Elev (ft)	760.39	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.39	Reach Len. (ft)	46.50	46.50	46.50
Crit W.S. (ft)		Flow Area (sq ft)	1082388.00	77454.14	421730.40
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1082388.00	77454.14	421730.40
Q Total (cfs)	178039.80	Flow (cfs)	121616.10	10762.03	45661.65
Top Width (ft)	12960.00	Top Width (ft)	8850.00	460.00	3650.00
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.11
Max Chl Dpth (ft)	175.69	Hydr. Depth (ft)	122.30	168.38	115.54
Conv. Total (cfs)	385464500.0	Conv. (cfs)	263304600.0	23300300.0	98859610.0
Length wtd. (ft)	46.50	Wetted Per. (ft)	8894.57	462.83	3663.66
Min Ch El (ft)	584.70	Shear (lb/sq ft)	0.00	0.00	0.00
Alpha	1.01	Stream Power (lb/ft s)	0.00	0.00	0.00
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	97348.66	5039.49	31566.73
C & E Loss (ft)		Cum SA (acres)	791.15	28.93	244.23

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 4534.*

INPUT

Description:

Station Elevation Data			num= 50								
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	718.8	773.91	681.01	1022.99	669.88	1257.61	662.56	1354.35	661.94		
1432.18	660.91	1644.57	661.2	1841.38	657.67	1934.78	653.26	2045.98	650		
2128.26	650	2225	654	2352.87	654	2515.22	656.38	2557.47	656.75		
2762.07	655.54	2864.37	651.94	3273.56	649.52	3682.76	644.1	3869.57	641.17		
3989.66	640	4091.95	640	4296.55	646	4450	646	4501.15	645.79		
4552.3	639.58	4643.48	637.42	4836.96	626.43	5319.54	615.34	5417.39	615		
5524.14	614.72	6191.3	611.93	6649.43	611.2	6771.74	611.2	6854.02	610.86		
6956.32	609.24	6965.22	609.2	8900	609.2	9040	584.6	9140	584.6		
9380	600	9806.83	600.85	10831.22	608.87	11399.23	614.99	11514.15	617.14		
11803.08	665.69	11855.61	676.34	12610.77	736.54	12709.27	745.12	12880	754		

Manning's n Values

num= 3					
Sta	n Val	Sta	n Val	Sta	n Val
0	.15	8900	.15	9380	.15

Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff Contr.	Expan.
	8900	9380		46.5	46.5	46.5	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.39	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.39	Reach Len. (ft)	46.50	46.50	46.50
Crit W.S. (ft)		Flow Area (sq ft)	1089643.00	80811.03	412114.00
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1089643.00	80811.03	412114.00
Q Total (cfs)	178038.30	Flow (cfs)	121912.90	11176.58	44948.78
Top Width (ft)	12880.00	Top Width (ft)	8900.00	480.00	3500.00
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.11
Max Chl Dpth (ft)	175.79	Hydr. Depth (ft)	122.43	168.36	117.75
Conv. Total (cfs)	387386700.0	Conv. (cfs)	265265700.0	24318700.0	97802320.0
Length wtd. (ft)	46.50	Wetted Per. (ft)	8944.26	482.64	3514.60
Min Ch El (ft)	584.60	Shear (lb/sq ft)	0.00	0.00	0.00
Alpha	1.01	Stream Power (lb/ft s)	0.00	0.00	0.00
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	96189.35	4955.02	31121.67
C & E Loss (ft)		Cum SA (acres)	781.67	28.43	240.42

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 4487.5*

INPUT

Description:

Station Elevation Data			num= 50								
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	719	778.26	680.84	1028.74	669.85	1264.67	662.13	1361.96	661.95		

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1440.23	661.13	1653.8	661.5	1851.72	657.09	1945.65	652.72	2057.47	650
2140.22	650	2237.5	655	2366.09	655	2529.35	656.98	2571.84	657.19
2777.59	655.68	2880.46	652.42	3291.95	649.4	3703.45	643.88	3891.3	640.98
4012.07	640	4114.94	640	4320.69	645	4475	645	4526.44	644.74
4577.87	639.47	4669.57	637.51	4864.13	625.36	5349.43	615.42	5447.83	615
5555.17	614.66	6226.09	611.61	6686.78	611	6809.78	611	6892.53	610.57
6995.4	609.05	7004.35	609	8950	609	9100	584.5	9200	584.5
9450	600	9858.54	601.06	10839.02	608.59	11382.69	614.16	11492.68	616.42
11769.23	658.08	11819.51	667.93	12542.31	732.12	12636.59	741.4	12800	752.5
Manning's n Values									
Sta	n Val	Sta	num=	3	Sta	n Val			
0	.15	8950	.15	9450	.15				
Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.	Expan.
	8950	9450		46.5	46.5	46.5		.1	.3
CROSS SECTION OUTPUT Profile #Max WS									
E.G. Elev (ft)	760.39		Element	Left OB		Channel	Right OB		
Vel Head (ft)	0.00		Wt. n-Val.	0.150		0.150	0.150		
W.S. Elev (ft)	760.39		Reach Len. (ft)	46.50		46.50	46.50		
Crit W.S. (ft)			Flow Area (sq ft)	1096906.00		84171.90	401831.50		
E.G. Slope (ft/ft)	0.000000		Area (sq ft)	1096906.00		84171.90	401831.50		
Q Total (cfs)	178036.80		Flow (cfs)	122279.30		11594.34	44163.17		
Top width (ft)	12800.00		Top width (ft)	8950.00		500.00	3350.00		
Vel Total (ft/s)	0.11		Avg. Vel. (ft/s)	0.11		0.14	0.11		
Max chl Dpth (ft)	175.89		Hydr. Depth (ft)	122.56		168.34	119.95		
Conv. Total (cfs)	389081600.0		Conv. (cfs)	267229200.0		25338270.0	96514190.0		
Length Wtd. (ft)	46.50		Wetted Per. (ft)	8994.01		502.47	3365.73		
Min Ch El (ft)	584.50		Shear (lb/sq ft)	0.00		0.00	0.00		
Alpha	1.01		Stream Power (lb/ft s)	0.00		0.00	0.00		
Frctn Loss (ft)	0.00		Cum volume (acre-ft)	95022.29		4866.96	30687.23		
C & E Loss (ft)			Cum SA (acres)	772.15		27.91	236.76		

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 4441.*

INPUT

Description:

Station Elevation Data									
Sta	Elev	Sta	num=	50	Sta	Elev	Sta	Elev	Sta
0	719.2	782.61	680.67	1034.48	669.82	1271.74	661.71	1369.57	661.96
1448.28	661.36	1663.04	661.8	1862.07	656.51	1956.52	652.17	2068.97	650
2152.17	650	2250	656	2379.31	656	2543.48	657.59	2586.21	657.63
2793.1	655.81	2896.55	652.91	3310.34	649.28	3724.14	643.66	3913.04	640.78
4034.48	640	4137.93	640	4344.83	644	4500	644	4551.72	643.68
4603.45	639.37	4695.65	637.61	4891.3	624.29	5379.31	615.51	5478.26	615
5586.21	614.59	6260.87	611.29	6724.14	610.8	6847.83	610.8	6931.03	610.29
7034.48	608.86	7043.48	608.8	9000	608.8	9160	584.4	9260	584.4
9520	600	9910.24	601.27	10846.83	608.31	11366.15	613.33	11471.22	615.71
11735.38	650.46	11783.42	659.51	12473.85	727.69	12563.9	737.68	12720	751

Manning's n values			num= 3					
Sta	n Val	Sta	n Val	Sta	n Val			
0	.15	9000	.15	9520	.15			
Bank Sta:	Left	Right	Lengths:	Left	Channel	Right	Coeff	Contr.
	9000	9520		46.5	46.5	46.5	.1	Expan.
								.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.39		Element	Left OB		Channel	Right OB		
Vel Head (ft)	0.00		Wt. n-Val.	0.150		0.150	0.150		
W.S. Elev (ft)	760.39		Reach Len. (ft)	46.50		46.50	46.50		
Crit W.S. (ft)			Flow Area (sq ft)	1104178.00		87536.77	390896.20		
E.G. Slope (ft/ft)	0.000000		Area (sq ft)	1104178.00		87536.77	390896.20		
Q Total (cfs)	178035.20		Flow (cfs)	122715.00		12016.05	43304.11		
Top width (ft)	12720.00		Top width (ft)	9000.00		520.00	3200.00		
Vel Total (ft/s)	0.11		Avg. Vel. (ft/s)	0.11		0.14	0.11		
Max Chl Dpth (ft)	175.99		Hydr. Depth (ft)	122.69		168.34	122.16		
Conv. Total (cfs)	390549200.0		Conv. (cfs)	269195500.0		26359170.0	94994620.0		
Length Wtd. (ft)	46.50		Wetted Per. (ft)	9043.82		522.32	3217.07		

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Min Ch El (ft)	584.40	Shear (lb/sq ft)	0.00	0.00	0.00
Alpha	1.01	Stream Power (lb/ft s)	0.00	0.00	0.00
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	93847.47	4775.31	30264.12
C & E Loss (ft)		Cum SA (acres)	762.57	27.36	233.27

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 4394.5*

INPUT

Description:

Station Elevation Data	num=	50						
Sta Elev Sta Elev Sta Elev Sta Elev Sta Elev								
0 719.4 786.96	680.51	1040.23	669.79	1278.8	661.28	1377.17	661.97	
1456.32 661.59 1672.28	662.1	1872.41	655.93	1967.39	651.63	2080.46	650	
2164.13 650 2262.5	657	2392.53	657	2557.61	658.19	2600.57	658.06	
2808.62 655.95 2912.64	653.39	3328.74	649.16	3744.83	643.43	3934.78	640.59	
4056.9 640 4160.92	640	4368.97	643	4525	643	4577.01	642.63	
4629.02 639.26 4721.74	637.71	4918.48	623.22	5409.2	615.59	5508.7	615	
5617.24 614.52 6295.65	610.97	6761.49	610.6	6885.87	610.6	6969.54	610	
7073.56 608.66 7082.61	608.6	9050	608.6	9220	584.3	9320	584.3	
9590 600 9961.95	601.48	10854.63	608.03	11349.62	612.51	11449.76	614.99	
11701.54 642.85 11747.32	651.11	2405.38	723.27	12491.22	733.96	12640	749.5	

Manning's n Values	num=	3
Sta n Val Sta n Val Sta n Val		
0 .15 9050 .15 9590 .15		

Bank Sta: Left Right	Lengths: Left Channel Right	Coeff Contr.	Expan.
9050 9590	46.5 46.5 46.5	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.39	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	760.39	Reach Len. (ft)	46.50	46.50	46.50
Crit W.S. (ft)		Flow Area (sq ft)	1111467.00	90905.66	379291.80
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1111467.00	90905.66	379291.80
Q Total (cfs)	178033.70	Flow (cfs)	123224.70	12442.77	42366.21
Top Width (ft)	12640.00	Top width (ft)	9050.00	540.00	3050.00
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.11
Max Chl Dpth (ft)	176.09	Hydr. Depth (ft)	122.81	168.34	124.36
Conv. Total (cfs)	391780400.0	Conv. (cfs)	271167900.0	27381520.0	93230960.0
Length Wtd. (ft)	46.50	Wetted Per. (ft)	9093.68	542.18	3068.66
Min Ch El (ft)	584.30	Shear (lb/sq ft)	0.00	0.00	0.00
Alpha	1.01	Stream Power (lb/ft s)	0.00	0.00	0.00
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	92664.88	4680.07	29853.03
C & E Loss (ft)		Cum SA (acres)	752.93	26.80	229.93

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 4348.*

INPUT

Description:

Station Elevation Data	num=	50						
Sta Elev Sta Elev Sta Elev Sta Elev Sta Elev								
0 719.6 791.3	680.34	1045.98	669.76	1285.87	660.85	1384.78	661.98	
1464.37 661.81 1681.52	662.4	1882.76	655.35	1978.26	651.09	2091.95	650	
2176.09 650 2275	658	2405.75	658	2571.74	658.79	2614.94	658.5	
2824.14 656.08 2928.74	653.88	3347.13	649.04	3765.52	643.21	3956.52	640.39	
4079.31 640 4183.91	640	4393.1	642	4550	642	4602.3	641.58	
4654.6 639.15 4747.83	637.81	4945.65	622.14	5439.08	615.67	5539.13	615	
5648.28 614.45 6330.43	610.64	6798.85	610.4	6923.91	610.4	7008.05	609.72	
7112.64 608.47 7121.74	608.4	9100	608.4	9280	584.2	9380	584.2	
9660 600 10013.66	601.69	10862.44	607.75	11333.08	611.66	11428.29	614.28	
11667.69 635.23 11711.22	642.68	12336.92	718.85	12418.54	730.24	12560	748	

Manning's n Values	num=	3
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Rev3.rep								
Sta	n Val	Sta	n Val	Sta	n Val			
0	.15	9100	.15	9660	.15			
Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.	
	9100	9660		46.5	46.5	.1	.3	
CROSS SECTION OUTPUT Profile #Max WS								
E.G. Elev (ft)	760.39	Element	Left OB	Channel	Right OB			
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150			
W.S. Elev (ft)	760.39	Reach Len. (ft)	46.50	46.50	46.50			
Crit W.S. (ft)		Flow Area (sq ft)	1118780.00	94278.52	367032.50			
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1118780.00	94278.52	367032.50			
Q Total (cfs)	178032.10	Flow (cfs)	123808.90	12875.17	41348.02			
Top Width (ft)	12560.00	Top Width (ft)	9100.00	560.00	2900.00			
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.11			
Max Chl Dpth (ft)	176.19	Hydr. Depth (ft)	122.94	168.35	126.56			
Conv. Total (cfs)	392777300.0	Conv. (cfs)	273149200.0	28405400.0	91222660.0			
Length Wtd. (ft)	46.50	Wetted Per. (ft)	9143.60	562.06	2920.54			
Min Ch El (ft)	584.20	Shear (lb/sq ft)	0.00	0.00	0.00			
Alpha	1.01	Stream Power (lb/ft s)	0.00	0.00	0.00			
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	91474.49	4581.23	29454.68			
C & E Loss (ft)		Cum SA (acres)	743.24	26.21	226.75			

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC

RS: 4301.5*

INPUT

Description:

Station Elevation Data		num=	50						
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	719.8	795.65	680.17	1051.72	669.73	1292.93	660.43	1392.39	661.99
1472.41	662.04	1690.76	662.7	1893.1	654.77	1989.13	650.54	2103.45	650
2188.04	650	2287.5	659	2418.97	659	2585.87	659.4	2629.31	658.94
2839.66	656.22	2944.83	654.36	3365.52	648.92	3786.21	642.98	3978.26	640.2
4101.72	640	4206.9	640	4417.24	641	4575	641	4627.59	640.52
4680.17	639.05	4773.91	637.9	4972.83	621.07	5468.97	615.76	5569.57	615
5679.31	614.38	6365.22	610.32	6836.21	610.2	6961.96	610.2	7046.55	609.43
7151.72	608.28	7160.87	608.2	9150	608.2	9340	584.1	9440	584.1
9730	60010065.37		601.910870.24		607.4711316.54		610.8311406.83		613.56
11633.85	627.6211675.12		634.2712268.46		714.4212345.85		726.52	12480	746.5

Manning's n Values

num=		3			
Sta	n Val	Sta	n Val	Sta	n Val
0	.15	9150	.15	9730	.15

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff Contr.	Expan.
	9150	9730		46.5	46.5	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	760.39	Element	Left OB	Channel	Right OB			
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150			
W.S. Elev (ft)	760.39	Reach Len. (ft)	46.50	46.50	46.50			
Crit W.S. (ft)		Flow Area (sq ft)	1126094.00	97655.34	354109.20			
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1126094.00	97655.34	354109.20			
Q Total (cfs)	178030.60	Flow (cfs)	124470.30	13314.66	40245.69			
Top Width (ft)	12480.00	Top Width (ft)	9150.00	580.00	2750.00			
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.11			
Max Chl Dpth (ft)	176.29	Hydr. Depth (ft)	123.07	168.37	128.77			
Conv. Total (cfs)	393520600.0	Conv. (cfs)	275130300.0	29430850.0	88959460.0			
Length Wtd. (ft)	46.50	Wetted Per. (ft)	9193.57	581.96	2772.75			
Min Ch El (ft)	584.10	Shear (lb/sq ft)	0.00	0.00	0.00			
Alpha	1.01	Stream Power (lb/ft s)	0.00	0.00	0.00			
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	90276.30	4478.78	29069.78			
C & E Loss (ft)		Cum SA (acres)	733.50	25.60	223.74			

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

CROSS SECTION