```
 5416.67  766.72 5666.67   778.5

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       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 #PF 1

  E.G. Elev (ft)            759.88    Element                 Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            759.87    Reach Len. (ft)           97.50      97.50      97.50
  Crit W.S. (ft)                      Flow Area (sq ft)       307050.90   50145.39   51870.59
  E.G. Slope (ft/ft)      0.000007    Area (sq ft)            307050.90   50145.39   51870.59
  Q Total (cfs)           206224.30    Flow (cfs)             150253.50   33068.99   22901.79
  Top Width (ft)            5142.00   Top Width (ft)           3958.46     412.50     771.04
  Vel Total (ft/s)            0.50    Avg. Vel. (ft/s)            0.49       0.66       0.44
  Max Chl Dpth (ft)         125.54    Hydr. Depth (ft)           77.57     121.56      67.27
  Conv. Total (cfs)       75887220.0    Conv. (cfs)           55290880.0  12168860.0  8427492.0
  Length Wtd. (ft)           97.50    Wetted Per. (ft)         3961.88     413.58     780.93
  Min Ch El (ft)            634.33    Shear (lb/sq ft)            0.04       0.06       0.03
  Alpha                       1.05    Stream Power (lb/ft s)      0.02       0.04       0.01
  Frctn Loss (ft)             0.00    Cum Volume (acre-ft)    392246.90   21257.28   147847.80
  C & E Loss (ft)             0.00    Cum SA (acres)            3618.82     137.15     1298.68


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     Sta    Elev
       0   775.5  451.63  738.47  819.07  711.05  959.72  701.45 1116.92     700
 1129.08  699.92 1157.31  695.25  1354.9  694.77 1580.72  694.13 1806.54  689.73
 2032.35  685.33 2326.91   674.7 2483.99  669.66 2935.62  661.19 3723.06  654.27
 4064.71  649.71 4318.75     648 4406.25     640    4450     634    4550     634
    4750  642.25    4850   649.4    5000   663.5    5350     730    5550   762.4
    5600  764.25    5850  777.75

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15 4318.75     .15    4750     .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 #PF 1

  E.G. Elev (ft)            759.88    Element                 Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            759.87    Reach Len. (ft)           97.50      97.50      97.50
  Crit W.S. (ft)                      Flow Area (sq ft)       319731.20   52450.84   51764.45
  E.G. Slope (ft/ft)      0.000007    Area (sq ft)            319731.20   52450.84   51764.45
  Q Total (cfs)           206224.30    Flow (cfs)             150988.50   33431.70   21804.14
  Top Width (ft)            5343.78   Top Width (ft)           4128.14     431.25     784.39
  Vel Total (ft/s)            0.49    Avg. Vel. (ft/s)            0.47       0.64       0.42
  Max Chl Dpth (ft)         125.87    Hydr. Depth (ft)           77.45     121.63      65.99
  Conv. Total (cfs)       78563330.0    Conv. (cfs)           57520650.0  12736160.0  8306517.0
  Length Wtd. (ft)           97.50    Wetted Per. (ft)         4131.26     432.19     793.97
  Min Ch El (ft)            634.00    Shear (lb/sq ft)            0.03       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)    391545.40   21142.46   147731.80
  C & E Loss (ft)             0.00    Cum SA (acres)            3609.77     136.21     1296.93


CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                RS: 20917.*

INPUT
Description:
Station Elevation Data    num=      27
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     774  468.85  737.96  850.29  711.05   996.3  701.94 1159.48     700
 1172.11   699.9 1201.42  695.67 1406.54   694.7 1640.96   693.5 1875.38  688.97
  2109.8  684.43 2415.59  674.17 2578.65  669.55 3047.49  661.59 3864.94  654.68
 4219.61  649.61 4483.33  647.33 4583.33     640 4633.33  633.67 4733.33  633.67
 4933.33  642.33 5033.33  649.47 5183.33  664.67 5533.33     730 5733.33  759.87
 5783.33  761.78 6033.33     777

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15 4483.33     .15 4933.33     .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 #PF 1

  E.G. Elev (ft)            759.87    Element                 Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            759.87    Reach Len. (ft)           97.50      97.50      97.50
  Crit W.S. (ft)                      Flow Area (sq ft)       332474.10   54766.71   51692.08
  E.G. Slope (ft/ft)      0.000006    Area (sq ft)            332474.10   54766.71   51692.08
  Q Total (cfs)           206224.30    Flow (cfs)             151676.90   33777.91   20769.45
  Top Width (ft)            5549.55   Top Width (ft)           4299.52     450.00     800.03
  Vel Total (ft/s)            0.47    Avg. Vel. (ft/s)            0.46       0.62       0.40
  Max Chl Dpth (ft)         126.20    Hydr. Depth (ft)           77.33     121.70      64.61
```

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Conv. Total (cfs)	81242070.0	Conv. (cfs)	59753140.0	13306810.0	8182126.0	
Length Wtd. (ft)	97.50	Wetted Per. (ft)	4302.39	450.85	809.31	
Min Ch El (ft)	633.67	Shear (lb/sq ft)	0.03	0.05	0.03	
Alpha	1.05	Stream Power (lb/ft s)	0.01	0.03	0.01	
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	390815.50	21022.47	147616.00	
C & E Loss (ft)	0.00	Cum SA (acres)	3600.34	135.22	1295.16	

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 num= 3

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	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.87	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.87	Reach Len. (ft)	97.50	97.50	97.50
Crit W.S. (ft)		Flow Area (sq ft)	345269.50	57093.75	51723.58
E.G. Slope (ft/ft)	0.000006	Area (sq ft)	345269.50	57093.75	51723.58
Q Total (cfs)	206224.30	Flow (cfs)	152742.30	34206.78	19275.22
Top Width (ft)	5799.80	Top Width (ft)	4472.78	468.75	858.27
Vel Total (ft/s)	0.45	Avg. Vel. (ft/s)	0.44	0.60	0.37
Max Chl Dpth (ft)	126.54	Hydr. Depth (ft)	77.19	121.80	60.26
Conv. Total (cfs)	83687220.0	Conv. (cfs)	61983860.0	13881340.0	7822017.0
Length Wtd. (ft)	97.50	Wetted Per. (ft)	4475.42	469.55	867.16
Min Ch El (ft)	633.33	Shear (lb/sq ft)	0.03	0.05	0.02
Alpha	1.05	Stream Power (lb/ft s)	0.01	0.03	0.01
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	390057.00	20897.28	147500.30
C & E Loss (ft)	0.00	Cum SA (acres)	3590.52	134.19	1293.31

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	712.72	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

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	4812.5	.15	5300	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
4812.5	5300	97.5	97.5	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.87	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.87	Reach Len. (ft)	97.50	97.50	97.50
Crit W.S. (ft)		Flow Area (sq ft)	358138.00	59430.46	51855.79
E.G. Slope (ft/ft)	0.000006	Area (sq ft)	358138.00	59430.46	51855.79
Q Total (cfs)	206224.30	Flow (cfs)	153377.20	34534.79	18312.26
Top Width (ft)	6026.26	Top Width (ft)	4648.05	487.50	890.71
Vel Total (ft/s)	0.44	Avg. Vel. (ft/s)	0.43	0.58	0.35
Max Chl Dpth (ft)	126.87	Hydr. Depth (ft)	77.05	121.91	58.22
Conv. Total (cfs)	86344460.0	Conv. (cfs)	64217820.0	14459440.0	7667199.0
Length Wtd. (ft)	97.50	Wetted Per. (ft)	4650.49	488.26	899.28
Min Ch El (ft)	633.00	Shear (lb/sq ft)	0.03	0.04	0.02
Alpha	1.06	Stream Power (lb/ft s)	0.01	0.03	0.01
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	389269.80	20766.87	147384.40
C & E Loss (ft)	0.00	Cum SA (acres)	3580.31	133.12	1291.35

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 20624.5*

INPUT
Description:
Station Elevation Data num= 27

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	769.5	520.48	736.43	943.93	711.03	1106.02	703.39	1287.18	700
1301.2	699.82	1333.73	696.92	1561.44	694.47	1821.68	691.63	2081.92	686.69

```
 2342.16  681.76 2681.62  672.61 2862.64  669.21 3383.12  662.78 4290.59  655.93
 4684.31  649.31 4977.08  645.33 5114.58     640 5183.33  632.67 5283.33  632.67
 5483.33  642.58 5583.33  649.67 5733.33  668.17 6083.33     730 6283.33  752.27
 6333.33  754.36 6583.33  774.75

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15 4977.08     .15 5483.33     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
       4977.08 5483.33             97.5    97.5    97.5             .1      .3

CROSS SECTION OUTPUT  Profile #PF 1

  E.G. Elev (ft)            759.87    Element                 Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            759.87    Reach Len. (ft)           97.50      97.50      97.50
  Crit W.S. (ft)                      Flow Area (sq ft)       371055.70   61777.59   52052.40
  E.G. Slope (ft/ft)      0.000005    Area (sq ft)            371055.70   61777.59   52052.40
  Q Total (cfs)           206224.30     Flow (cfs)            153869.30   34831.47   17523.52
  Top Width (ft)           6249.32    Top Width (ft)          4825.51     506.25     917.55
  Vel Total (ft/s)            0.43    Avg. Vel. (ft/s)           0.41       0.56       0.34
  Max Chl Dpth (ft)         127.20    Hydr. Depth (ft)          76.89     122.03      56.73
  Conv. Total (cfs)       89055010.0    Conv. (cfs)            66446260.0   15041470.0   7567281.0
  Length Wtd. (ft)           97.50    Wetted Per. (ft)        4827.79     506.99     925.87
  Min Ch El (ft)            632.67    Shear (lb/sq ft)           0.03       0.04       0.02
  Alpha                       1.06    Stream Power (lb/ft s)     0.01       0.02       0.01
  Frctn Loss (ft)             0.00    Cum Volume (acre-ft)    388453.80   20631.22   147268.10
  C & E Loss (ft)             0.00    Cum SA (acres)            3569.71     132.01     1289.32


CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 20527.*

INPUT
Description:
Station Elevation Data    num=      27
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     768  537.69  735.92  975.14  711.02 1142.59  703.87 1329.74     700
 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        num=       3
     Sta   n Val     Sta   n Val     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 #PF 1

  E.G. Elev (ft)            759.87    Element                 Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            759.87    Reach Len. (ft)           97.50      97.50      97.50
  Crit W.S. (ft)                      Flow Area (sq ft)       384048.10   64135.80   52303.19
  E.G. Slope (ft/ft)      0.000005    Area (sq ft)            384048.10   64135.80   52303.19
  Q Total (cfs)           206224.30     Flow (cfs)            154258.40   35103.19   16862.69
  Top Width (ft)           6470.62    Top Width (ft)          5005.39     525.00     940.22
  Vel Total (ft/s)            0.41    Avg. Vel. (ft/s)           0.40       0.55       0.32
  Max Chl Dpth (ft)         127.54    Hydr. Depth (ft)          76.73     122.16      55.63
  Conv. Total (cfs)       91809780.0    Conv. (cfs)            68674890.0   15627720.0   7507163.0
  Length Wtd. (ft)           97.50    Wetted Per. (ft)        5007.52     525.73     948.34
  Min Ch El (ft)            632.33    Shear (lb/sq ft)           0.02       0.04       0.02
  Alpha                       1.06    Stream Power (lb/ft s)     0.01       0.02       0.01
  Frctn Loss (ft)             0.00    Cum Volume (acre-ft)    387608.70   20490.30   147151.30
  C & E Loss (ft)             0.00    Cum SA (acres)            3558.71     130.85     1287.25


CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 20429.5*

INPUT
Description:
Station Elevation Data    num=      27
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       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        num=       3
     Sta   n Val     Sta   n Val     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 #PF 1

  E.G. Elev (ft)            759.87    Element                 Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            759.87    Reach Len. (ft)           97.50      97.50      97.50
  Crit W.S. (ft)                      Flow Area (sq ft)       397103.20   66503.77   52588.38
  E.G. Slope (ft/ft)      0.000005    Area (sq ft)            397103.20   66503.77   52588.38
  Q Total (cfs)           206224.30     Flow (cfs)            154570.70   35357.63   16296.01
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Top Width (ft)	6691.27	Top Width (ft)	5187.90	543.75	959.62
Vel Total (ft/s)	0.40	Avg. Vel. (ft/s)	0.39	0.53	0.31
Max Chl Dpth (ft)	127.87	Hydr. Depth (ft)	76.54	122.31	54.80
Conv. Total (cfs)	94590880.0	Conv. (cfs)	70898410.0	16217830.0	7474649.0
Length Wtd. (ft)	97.50	Wetted Per. (ft)	5189.91	544.48	967.60
Min Ch El (ft)	632.00	Shear (lb/sq ft)	0.02	0.04	0.02
Alpha	1.06	Stream Power (lb/ft s)	0.01	0.02	0.00
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	386734.50	20344.10	147033.90
C & E Loss (ft)	0.00	Cum SA (acres)	3547.30	129.66	1285.12

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 20332.*

INPUT
Description:
Station Elevation Data num= 27

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 #PF 1

E.G. Elev (ft)	759.87	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.87	Reach Len. (ft)	97.50	97.50	97.50
Crit W.S. (ft)		Flow Area (sq ft)	410262.30	68882.18	52905.80
E.G. Slope (ft/ft)	0.000004	Area (sq ft)	410262.30	68882.18	52905.80
Q Total (cfs)	206224.30	Flow (cfs)	154826.20	35594.96	15803.14
Top Width (ft)	6912.25	Top Width (ft)	5373.30	562.50	976.45
Vel Total (ft/s)	0.39	Avg. Vel. (ft/s)	0.38	0.52	0.30
Max Chl Dpth (ft)	128.20	Hydr. Depth (ft)	76.35	122.46	54.18
Conv. Total (cfs)	97402900.0	Conv. (cfs)	73126780.0	16812040.0	7464068.0
Length Wtd. (ft)	97.50	Wetted Per. (ft)	5375.21	563.24	984.35
Min Ch El (ft)	631.67	Shear (lb/sq ft)	0.02	0.03	0.02
Alpha	1.06	Stream Power (lb/ft s)	0.01	0.02	0.00
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	385830.90	20192.58	146915.80
C & E Loss (ft)	0.00	Cum SA (acres)	3535.48	128.42	1282.95

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
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 #PF 1

E.G. Elev (ft)	759.87	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.87	Reach Len. (ft)	97.50	97.50	97.50
Crit W.S. (ft)		Flow Area (sq ft)	423487.60	71271.57	53251.80
E.G. Slope (ft/ft)	0.000004	Area (sq ft)	423487.60	71271.57	53251.80
Q Total (cfs)	206224.30	Flow (cfs)	155028.00	35823.01	15373.31
Top Width (ft)	7134.26	Top Width (ft)	5561.90	581.25	991.11
Vel Total (ft/s)	0.38	Avg. Vel. (ft/s)	0.37	0.50	0.29
Max Chl Dpth (ft)	128.54	Hydr. Depth (ft)	76.14	122.62	53.73
Conv. Total (cfs)	100228500.0	Conv. (cfs)	75346220.0	17410590.0	7471689.0
Length Wtd. (ft)	97.50	Wetted Per. (ft)	5563.72	582.00	999.00
Min Ch El (ft)	631.33	Shear (lb/sq ft)	0.02	0.03	0.01
Alpha	1.07	Stream Power (lb/ft s)	0.01	0.02	0.00
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	384897.80	20035.73	146797.00
C & E Loss (ft)	0.00	Cum SA (acres)	3523.24	127.14	1280.75

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 20137

INPUT
Description:
Station Elevation Data num= 14

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Sta	Elev	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 num= 3

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	.1	.3

Ineffective Flow num= 1

Sta L	Sta R	Elev	Permanent
0	3400	762	F

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.87	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.86	Reach Len. (ft)	335.02	335.02	335.02
Crit W.S. (ft)	652.22	Flow Area (sq ft)	242683.40	73668.84	53610.68
E.G. Slope (ft/ft)	0.000007	Area (sq ft)	436789.70	73668.84	53610.68
Q Total (cfs)	206224.30	Flow (cfs)	138517.50	47819.04	19887.79
Top Width (ft)	7357.95	Top Width (ft)	5753.95	600.00	1004.01
Vel Total (ft/s)	0.56	Avg. Vel. (ft/s)	0.57	0.65	0.37
Max Chl Dpth (ft)	128.86	Hydr. Depth (ft)	101.12	122.78	53.40
Conv. Total (cfs)	77679890.0	Conv. (cfs)	52176300.0	18012320.0	7491269.0
Length Wtd. (ft)	335.02	Wetted Per. (ft)	2400.19	600.77	1011.93
Min Ch El (ft)	631.00	Shear (lb/sq ft)	0.04	0.05	0.02
Alpha	1.06	Stream Power (lb/ft s)	0.03	0.04	0.01
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	383935.00	19873.52	146677.40
C & E Loss (ft)	0.00	Cum SA (acres)	3510.58	125.82	1278.52

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 19802

INPUT
Description:
Station Elevation Data num= 19

Sta	Elev	Sta	Elev	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 num= 3

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	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.87	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.86	Reach Len. (ft)	589.00	589.00	589.00
Crit W.S. (ft)		Flow Area (sq ft)	240798.60	49694.73	66563.21
E.G. Slope (ft/ft)	0.000009	Area (sq ft)	240798.60	49694.73	66563.21
Q Total (cfs)	206224.30	Flow (cfs)	138975.70	35936.16	31312.40
Top Width (ft)	4139.74	Top Width (ft)	2723.27	400.00	1016.46
Vel Total (ft/s)	0.58	Avg. Vel. (ft/s)	0.58	0.72	0.47
Max Chl Dpth (ft)	129.86	Hydr. Depth (ft)	88.42	124.24	65.49
Conv. Total (cfs)	70163800.0	Conv. (cfs)	47283780.0	12226580.0	10653440.0
Length Wtd. (ft)	589.00	Wetted Per. (ft)	2728.49	401.49	1024.96
Min Ch El (ft)	630.00	Shear (lb/sq ft)	0.05	0.07	0.04
Alpha	1.05	Stream Power (lb/ft s)	0.03	0.05	0.02
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	381329.40	19399.13	146215.30
C & E Loss (ft)	0.00	Cum SA (acres)	3477.98	121.97	1270.75

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 #PF 1

E.G. Elev (ft)	759.86	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.01	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.86	Reach Len. (ft)	290.00	290.00	290.00
Crit W.S. (ft)		Flow Area (sq ft)	257768.50	38157.14	69784.94

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E.G. Slope (ft/ft)	0.000008	Area (sq ft)	257768.50	38157.14	69784.94
Q Total (cfs)	206224.30	Flow (cfs)	151072.50	26503.18	28648.56
Top Width (ft)	4103.91	Top Width (ft)	2600.00	300.00	1203.91
Vel Total (ft/s)	0.56	Avg. Vel. (ft/s)	0.59	0.69	0.41
Max Chl Dpth (ft)	130.86	Hydr. Depth (ft)	99.14	127.19	57.97
Conv. Total (cfs)	74122930.0	Conv. (cfs)	54299810.0	9526003.0	10297110.0
Length Wtd. (ft)	290.00	Wetted Per. (ft)	2628.65	301.60	1213.91
Min Ch El (ft)	629.00	Shear (lb/sq ft)	0.05	0.06	0.03
Alpha	1.06	Stream Power (lb/ft s)	0.03	0.04	0.01
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	377958.70	18805.18	145293.50
C & E Loss (ft)	0.00	Cum SA (acres)	3441.99	117.24	1255.74

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 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 #PF 1

E.G. Elev (ft)	759.86	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.86	Reach Len. (ft)	59.00	59.00	59.00
Crit W.S. (ft)		Flow Area (sq ft)	261903.30	51817.82	164840.50
E.G. Slope (ft/ft)	0.000004	Area (sq ft)	261903.30	51817.82	164840.50
Q Total (cfs)	206224.30	Flow (cfs)	115142.10	27096.93	63985.32
Top Width (ft)	4984.69	Top Width (ft)	2600.00	400.00	1984.69
Vel Total (ft/s)	0.43	Avg. Vel. (ft/s)	0.44	0.52	0.39
Max Chl Dpth (ft)	131.86	Hydr. Depth (ft)	100.73	129.54	83.06
Conv. Total (cfs)	99925780.0	Conv. (cfs)	55791970.0	13129790.0	31004020.0
Length Wtd. (ft)	59.00	Wetted Per. (ft)	2626.34	400.56	1992.46
Min Ch El (ft)	628.00	Shear (lb/sq ft)	0.03	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)	376228.80	18505.68	144512.50
C & E Loss (ft)	0.00	Cum SA (acres)	3424.68	114.91	1245.12

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 18864

INPUT
Description:
Station Elevation Data num= 23

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
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 num= 3

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 #PF 1

E.G. Elev (ft)	759.86	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.86	Reach Len. (ft)	172.67	172.67	172.67
Crit W.S. (ft)		Flow Area (sq ft)	359553.80	23325.01	141342.90
E.G. Slope (ft/ft)	0.000004	Area (sq ft)	359553.80	23325.01	141342.90
Q Total (cfs)	206224.30	Flow (cfs)	140490.60	11844.25	53889.44
Top Width (ft)	5799.29	Top Width (ft)	3999.29	175.00	1625.00
Vel Total (ft/s)	0.39	Avg. Vel. (ft/s)	0.39	0.51	0.38
Max Chl Dpth (ft)	133.86	Hydr. Depth (ft)	89.90	133.29	86.98
Conv. Total (cfs)	104720100.0	Conv. (cfs)	71340710.0	6014477.0	27364900.0
Length Wtd. (ft)	172.67	Wetted Per. (ft)	4011.06	175.64	1635.88
Min Ch El (ft)	626.00	Shear (lb/sq ft)	0.02	0.03	0.02
Alpha	1.01	Stream Power (lb/ft s)	0.01	0.02	0.01
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	375807.90	18454.79	144305.10
C & E Loss (ft)	0.00	Cum SA (acres)	3420.21	114.52	1242.68

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: 18691.3*

INPUT
Description:
Station Elevation Data    num=      47
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       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
 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 #PF 1

  E.G. Elev (ft)            759.86    Element                 Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            759.86    Reach Len. (ft)          172.67     172.67     172.67
  Crit W.S. (ft)                      Flow Area (sq ft)      489309.10   20253.62   156041.50
  E.G. Slope (ft/ft)      0.000002    Area (sq ft)           489309.10   20253.62   156041.50
  Q Total (cfs)           206224.30     Flow (cfs)           149589.10    8202.69    48432.51
  Top Width (ft)           7465.56    Top Width (ft)          5582.22     150.00     1733.34
  Vel Total (ft/s)            0.31    Avg. Vel. (ft/s)           0.31       0.40       0.31
  Max Chl Dpth (ft)         135.86    Hydr. Depth (ft)          87.65     135.02      90.02
  Conv. Total (cfs)       131732200.0     Conv. (cfs)          95554700.0   5239722.0   30937780.0
  Length Wtd. (ft)          172.67    Wetted Per. (ft)        5590.31     151.76     1742.70
  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)    374125.50   18368.42   143715.70
  C & E Loss (ft)             0.00    Cum SA (acres)           3401.22     113.88     1236.02


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
       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 #PF 1

  E.G. Elev (ft)            759.86    Element                 Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            759.86    Reach Len. (ft)          172.67     172.67     172.67
  Crit W.S. (ft)                      Flow Area (sq ft)      611940.30   17098.80   171406.20
  E.G. Slope (ft/ft)      0.000002    Area (sq ft)           611940.30   17098.80   171406.20
  Q Total (cfs)           206224.30     Flow (cfs)           154652.10    5783.30    45788.89
  Top Width (ft)           9130.74    Top Width (ft)          7165.05     125.00     1840.69
  Vel Total (ft/s)            0.26    Avg. Vel. (ft/s)           0.25       0.34       0.27
  Max Chl Dpth (ft)         137.86    Hydr. Depth (ft)          85.41     136.79      93.12
  Conv. Total (cfs)       156641900.0     Conv. (cfs)         117469200.0  4392827.0   34779900.0
  Length Wtd. (ft)          172.67    Wetted Per. (ft)        7173.69     129.47     1848.97
  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)    371942.80   18294.38   143066.70
  C & E Loss (ft)             0.00    Cum SA (acres)           3375.96     113.33     1228.94


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
                                                                    Page 1121
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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 num= 3

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
0	6400	670	F

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.86	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.86	Reach Len. (ft)	421.00	421.00	421.00
Crit W.S. (ft)	644.00	Flow Area (sq ft)	727426.00	13860.72	187436.70
E.G. Slope (ft/ft)	0.000001	Area (sq ft)	727426.00	13860.72	187436.70
Q Total (cfs)	206224.30	Flow (cfs)	157496.90	3916.92	44810.50
Top Width (ft)	10783.67	Top Width (ft)	8747.72	100.00	1935.95
Vel Total (ft/s)	0.22	Avg. Vel. (ft/s)	0.22	0.28	0.24
Max Chl Dpth (ft)	139.86	Hydr. Depth (ft)	83.16	138.61	96.82
Conv. Total (cfs)	179606600.0	Conv. (cfs)	137168500.0	3411355.0	39026730.0
Length Wtd. (ft)	421.00	Wetted Per. (ft)	8758.84	111.93	1945.13
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)	369288.30	18233.02	142355.50
C & E Loss (ft)	0.00	Cum SA (acres)	3344.42	112.89	1221.45

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 num= 3

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
0	4200	670	F

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.86	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.86	Reach Len. (ft)	414.00	414.00	414.00
Crit W.S. (ft)	641.07	Flow Area (sq ft)	603077.20	25534.20	272027.40
E.G. Slope (ft/ft)	0.000001	Area (sq ft)	603077.20	25534.20	272027.40
Q Total (cfs)	206224.30	Flow (cfs)	134831.80	6896.69	64495.78
Top Width (ft)	9109.84	Top Width (ft)	6329.84	180.00	2600.00
Vel Total (ft/s)	0.23	Avg. Vel. (ft/s)	0.22	0.27	0.24
Max Chl Dpth (ft)	141.86	Hydr. Depth (ft)	95.28	141.86	104.63
Conv. Total (cfs)	190504800.0	Conv. (cfs)	124554200.0	6370989.0	59579560.0
Length Wtd. (ft)	414.00	Wetted Per. (ft)	6335.06	202.00	2616.63
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)	362858.70	18042.65	140135.20
C & E Loss (ft)	0.00	Cum SA (acres)	3271.56	111.53	1199.53

Warning: The cross-section end points had to be extended vertically for the computed water surface.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

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 num= 3

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

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CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.86	Element	Left OB	Channel	Right OB	
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150	
W.S. Elev (ft)	759.86	Reach Len. (ft)	441.00	441.00	441.00	
Crit W.S. (ft)	638.29	Flow Area (sq ft)	605318.90	41556.88	286419.20	
E.G. Slope (ft/ft)	0.000001	Area (sq ft)	605318.90	41556.88	286419.20	
Q Total (cfs)	206224.30	Flow (cfs)	125515.60	11781.53	68927.20	
Top Width (ft)	9947.66	Top Width (ft)	6998.56	300.00	2649.10	
Vel Total (ft/s)	0.22	Avg. Vel. (ft/s)	0.21	0.28	0.24	
Max Chl Dpth (ft)	142.86	Hydr. Depth (ft)	86.49	138.52	108.12	
Conv. Total (cfs)	192196900.0	Conv. (cfs)	116978000.0	10980150.0	64238770.0	
Length Wtd. (ft)	441.00	Wetted Per. (ft)	7025.23	301.68	2658.68	
Min Ch El (ft)	617.00	Shear (lb/sq ft)	0.01	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)	357116.30	17723.83	137481.40	
C & E Loss (ft)	0.00	Cum SA (acres)	3208.22	109.25	1174.59	

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

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
13600	790								

Manning's n Values num= 3

Sta	n Val	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	.1	.3

Ineffective Flow num= 1

Sta L	Sta R	Elev	Permanent
0	6300	670	F

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.86	Element	Left OB	Channel	Right OB	
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150	
W.S. Elev (ft)	759.86	Reach Len. (ft)	411.00	411.00	411.00	
Crit W.S. (ft)	638.30	Flow Area (sq ft)	754502.20	28631.23	467459.80	
E.G. Slope (ft/ft)	0.000001	Area (sq ft)	754502.20	28631.23	467459.80	
Q Total (cfs)	206224.30	Flow (cfs)	119329.80	5972.31	80922.15	
Top Width (ft)	13323.68	Top Width (ft)	8500.00	200.00	4623.68	
Vel Total (ft/s)	0.16	Avg. Vel. (ft/s)	0.16	0.21	0.17	
Max Chl Dpth (ft)	143.86	Hydr. Depth (ft)	88.76	143.16	101.10	
Conv. Total (cfs)	255862100.0	Conv. (cfs)	148052300.0	7409827.0	100400000.0	
Length Wtd. (ft)	411.00	Wetted Per. (ft)	8558.24	214.41	4630.37	
Min Ch El (ft)	616.00	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)	350232.90	17368.54	133665.30	
C & E Loss (ft)	0.00	Cum SA (acres)	3129.77	106.72	1137.77	

Warning: The cross-section end points had to be extended vertically for the computed water surface.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

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	Sta	n Val
0	.15	7200	.15	7400	.15

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

Ineffective Flow num= 1

Sta L	Sta R	Elev	Permanent
0	4500	670	F

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.86	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150

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W.S. Elev (ft)	759.86	Reach Len. (ft)	492.00	492.00	492.00	
Crit W.S. (ft)	638.44	Flow Area (sq ft)	677286.30	29121.14	374761.70	
E.G. Slope (ft/ft)	0.000001	Area (sq ft)	677286.30	29121.14	374761.70	
Q Total (cfs)	206224.30	Flow (cfs)	125144.10	6735.59	74344.57	
Top Width (ft)	10974.09	Top Width (ft)	7197.60	200.00	3576.50	
Vel Total (ft/s)	0.19	Avg. Vel. (ft/s)	0.18	0.23	0.20	
Max Chl Dpth (ft)	147.86	Hydr. Depth (ft)	94.10	145.61	104.78	
Conv. Total (cfs)	228613600.0	Conv. (cfs)	138730700.0	7466860.0	82415980.0	
Length Wtd. (ft)	492.00	Wetted Per. (ft)	7203.24	221.14	3582.83	
Min Ch El (ft)	612.00	Shear (lb/sq ft)	0.00	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)	343478.30	17096.08	129692.00	
C & E Loss (ft)	0.00	Cum SA (acres)	3055.71	104.83	1099.09	

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

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 num= 3

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 568 568 568 .1 .3
Ineffective Flow num= 1

Sta L	Sta R	Elev	Permanent
0	4500	670	F

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.86	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.86	Reach Len. (ft)	568.00	568.00	568.00
Crit W.S. (ft)	637.33	Flow Area (sq ft)	711936.50	30689.62	349467.50
E.G. Slope (ft/ft)	0.000001	Area (sq ft)	711936.50	30689.62	349467.50
Q Total (cfs)	206224.30	Flow (cfs)	128911.40	6879.17	70433.69
Top Width (ft)	10373.32	Top Width (ft)	7173.85	210.00	2989.47
Vel Total (ft/s)	0.19	Avg. Vel. (ft/s)	0.18	0.22	0.20
Max Chl Dpth (ft)	148.86	Hydr. Depth (ft)	99.24	146.14	116.90
Conv. Total (cfs)	241522500.0	Conv. (cfs)	150976500.0	8056640.0	82489420.0
Length Wtd. (ft)	568.00	Wetted Per. (ft)	7187.79	224.96	3004.52
Min Ch El (ft)	611.00	Shear (lb/sq ft)	0.00	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)	335632.80	16758.31	125602.00
C & E Loss (ft)	0.00	Cum SA (acres)	2974.55	102.52	1062.01

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

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 num= 3

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 798 798 798 .1 .3
Ineffective Flow num= 1

Sta L	Sta R	Elev	Permanent
0	4200	670	F

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.86	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.86	Reach Len. (ft)	798.00	798.00	798.00
Crit W.S. (ft)	628.93	Flow Area (sq ft)	791194.60	36038.75	331494.20
E.G. Slope (ft/ft)	0.000001	Area (sq ft)	791194.60	36038.75	331494.20
Q Total (cfs)	206224.30	Flow (cfs)	138408.80	7733.11	60082.39
Top Width (ft)	10666.59	Top Width (ft)	7450.00	250.00	2966.59
Vel Total (ft/s)	0.18	Avg. Vel. (ft/s)	0.17	0.21	0.18
Max Chl Dpth (ft)	149.86	Hydr. Depth (ft)	106.20	144.16	111.74
Conv. Total (cfs)	260912200.0	Conv. (cfs)	175112900.0	9783823.0	76015420.0
Length Wtd. (ft)	798.00	Wetted Per. (ft)	7491.81	251.20	2976.41

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Min Ch El (ft)	610.00	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)	325832.80	16323.26	121162.30	
C & E Loss (ft)	0.00	Cum SA (acres)	2879.21	99.52	1023.18	

Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

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
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 num= 3

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	Permanent
0	4400	670	F

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	478.00	478.00	478.00
Crit W.S. (ft)	632.99	Flow Area (sq ft)	782629.10	29840.89	333405.90
E.G. Slope (ft/ft)	0.000001	Area (sq ft)	782629.10	29840.89	333405.90
Q Total (cfs)	206224.30	Flow (cfs)	136486.50	6595.13	63142.65
Top Width (ft)	10791.52	Top Width (ft)	7700.00	200.00	2891.52
Vel Total (ft/s)	0.18	Avg. Vel. (ft/s)	0.17	0.22	0.19
Max Chl Dpth (ft)	150.85	Hydr. Depth (ft)	101.64	149.20	115.30
Conv. Total (cfs)	254903100.0	Conv. (cfs)	168703800.0	8151893.0	78047320.0
Length Wtd. (ft)	478.00	Wetted Per. (ft)	7710.07	206.06	2902.37
Min Ch El (ft)	609.00	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)	311416.90	15719.82	115071.90
C & E Loss (ft)	0.00	Cum SA (acres)	2740.44	95.40	969.52

Warning: The cross-section end points had to be extended vertically for the computed water surface.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

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
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		

Manning's n Values num= 3

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	.1	.3

Ineffective Flow num= 1

Sta L	Sta R	Elev	Permanent
0	4350	670	F

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	402.00	402.00	402.00
Crit W.S. (ft)	627.95	Flow Area (sq ft)	821882.90	44956.24	306037.90
E.G. Slope (ft/ft)	0.000001	Area (sq ft)	821882.90	44956.24	306037.90
Q Total (cfs)	206224.30	Flow (cfs)	140871.30	9883.20	55469.80
Top Width (ft)	11045.03	Top Width (ft)	8000.00	300.00	2745.03
Vel Total (ft/s)	0.18	Avg. Vel. (ft/s)	0.17	0.22	0.18
Max Chl Dpth (ft)	151.85	Hydr. Depth (ft)	102.74	149.85	111.49
Conv. Total (cfs)	260527800.0	Conv. (cfs)	177965900.0	12485670.0	70076260.0
Length Wtd. (ft)	402.00	Wetted Per. (ft)	8042.22	302.84	2753.83
Min Ch El (ft)	608.00	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)	302613.50	15309.43	111563.50
C & E Loss (ft)	0.00	Cum SA (acres)	2654.29	92.65	938.59

Warning: The cross-section end points had to be extended vertically for the computed water surface.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

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CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 13921

INPUT
Description:
Station Elevation Data num= 15

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 num= 3

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 #PF 1

			Left OB	Channel	Right OB
E.G. Elev (ft)	759.85	Element			
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	417.00	417.00	417.00
Crit W.S. (ft)	628.29	Flow Area (sq ft)	834415.90	45206.14	267843.30
E.G. Slope (ft/ft)	0.000001	Area (sq ft)	834415.90	45206.14	267843.30
Q Total (cfs)	206224.30	Flow (cfs)	145866.50	10143.92	50213.89
Top Width (ft)	10742.02	Top Width (ft)	8100.00	300.00	2342.02
Vel Total (ft/s)	0.18	Avg. Vel. (ft/s)	0.17	0.22	0.19
Max Chl Dpth (ft)	152.85	Hydr. Depth (ft)	103.01	150.69	114.36
Conv. Total (cfs)	255914600.0	Conv. (cfs)	181013400.0	12588130.0	62313060.0
Length Wtd. (ft)	417.00	Wetted Per. (ft)	8142.28	303.32	2353.36
Min Ch El (ft)	607.00	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)	294970.80	14893.39	108915.40
C & E Loss (ft)	0.00	Cum SA (acres)	2580.00	89.89	915.12

Warning: The cross-section end points had to be extended vertically for the computed water surface.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 13504

INPUT
Description:
Station Elevation Data num= 18

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 num= 3

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 450 450 450 .1 .3
Ineffective Flow num= 1

Sta L	Sta R	Elev	Permanent
0	4350	670	F

CROSS SECTION OUTPUT Profile #PF 1

			Left OB	Channel	Right OB
E.G. Elev (ft)	759.85	Element			
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	450.00	450.00	450.00
Crit W.S. (ft)	628.09	Flow Area (sq ft)	851384.20	30070.70	243913.00
E.G. Slope (ft/ft)	0.000001	Area (sq ft)	851384.20	30070.70	243913.00
Q Total (cfs)	206224.30	Flow (cfs)	151602.20	6845.39	47776.72
Top Width (ft)	10556.51	Top Width (ft)	8300.00	200.00	2056.52
Vel Total (ft/s)	0.18	Avg. Vel. (ft/s)	0.18	0.23	0.20
Max Chl Dpth (ft)	153.85	Hydr. Depth (ft)	102.58	150.35	118.61
Conv. Total (cfs)	250543600.0	Conv. (cfs)	184182700.0	8316521.0	58044340.0
Length Wtd. (ft)	450.00	Wetted Per. (ft)	8342.50	203.85	2071.59
Min Ch El (ft)	606.00	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)	286901.70	14533.08	106465.90
C & E Loss (ft)	0.00	Cum SA (acres)	2501.51	87.49	894.06

Warning: The cross-section end points had to be extended vertically for the computed water surface.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

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
0	720	1100	670	1500	660	2000	650	2700	650

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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 num= 3

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 #PF 1

			Left OB	Channel	Right OB
E.G. Elev (ft)	759.85	Element	0.150	0.150	0.150
Vel Head (ft)	0.00	Wt. n-Val.	341.00	341.00	341.00
W.S. Elev (ft)	759.85	Reach Len. (ft)	832581.60	30370.64	243912.40
Crit W.S. (ft)	628.00	Flow Area (sq ft)	832581.60	30370.64	243912.40
E.G. Slope (ft/ft)	0.000001	Area (sq ft)	150030.10	7121.62	49072.59
Q Total (cfs)	206224.30	Flow (cfs)	8300.00	200.00	2056.51
Top Width (ft)	10556.51	Top Width (ft)	0.18	0.23	0.20
Vel Total (ft/s)	0.19	Avg. Vel. (ft/s)	100.31	151.85	118.60
Max Chl Dpth (ft)	155.85	Hydr. Depth (ft)	177458800.0	8423606.0	58044100.0
Conv. Total (cfs)	243926500.0	Conv. (cfs)	8342.13	205.00	2071.59
Length Wtd. (ft)	341.00	Wetted Per. (ft)	0.00	0.01	0.01
Min Ch El (ft)	604.00	Shear (lb/sq ft)	0.00	0.00	0.00
Alpha	1.01	Stream Power (lb/ft s)	278203.50	14220.88	103946.10
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	2415.76	85.43	872.82
C & E Loss (ft)	0.00	Cum SA (acres)			

Warning: The cross-section end points had to be extended vertically for the computed water surface.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

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
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	Sta	n Val
0	.15	8200	.15	8400	.15

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

Ineffective Flow num= 1

Sta L	Sta R	Elev	Permanent
0	4200	670	F

CROSS SECTION OUTPUT Profile #PF 1

			Left OB	Channel	Right OB
E.G. Elev (ft)	759.85	Element	0.150	0.150	0.150
Vel Head (ft)	0.00	Wt. n-Val.	412.00	412.00	412.00
W.S. Elev (ft)	759.85	Reach Len. (ft)	818093.80	30520.58	219274.50
Crit W.S. (ft)	628.38	Flow Area (sq ft)	818093.80	30520.58	219274.50
E.G. Slope (ft/ft)	0.000001	Area (sq ft)	152158.10	7423.29	46642.87
Q Total (cfs)	206224.30	Flow (cfs)	8200.00	200.00	1784.75
Top Width (ft)	10184.75	Top Width (ft)	0.19	0.24	0.21
Vel Total (ft/s)	0.19	Avg. Vel. (ft/s)	99.77	152.60	122.86
Max Chl Dpth (ft)	156.85	Hydr. Depth (ft)	173731100.0	8475764.0	53255870.0
Conv. Total (cfs)	235462700.0	Conv. (cfs)	8242.28	205.62	1806.24
Length Wtd. (ft)	412.00	Wetted Per. (ft)	0.00	0.01	0.01
Min Ch El (ft)	603.00	Shear (lb/sq ft)	0.00	0.00	0.00
Alpha	1.02	Stream Power (lb/ft s)	271742.60	13982.54	102133.20
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	2351.18	83.86	857.78
C & E Loss (ft)	0.00	Cum SA (acres)			

Warning: The cross-section end points had to be extended vertically for the computed water surface.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

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
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	Sta	n Val
0	.15	8450	.15	8800	.15

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Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.    Expan.
          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 #PF 1

  E.G. Elev (ft)            759.85    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)            759.85    Reach Len. (ft)          736.00     736.00     736.00
  Crit W.S. (ft)            619.93    Flow Area (sq ft)      845054.40   53698.41  185014.20
  E.G. Slope (ft/ft)      0.000001    Area (sq ft)           845054.40   53698.41  185014.20
  Q Total (cfs)           206224.30    Flow (cfs)            155708.00   13088.86   37427.42
  Top Width (ft)          10399.37    Top Width (ft)          8450.00     350.00    1599.37
  Vel Total (ft/s)            0.19    Avg. Vel. (ft/s)           0.18       0.24       0.20
  Max Chl Dpth (ft)         158.85    Hydr. Depth (ft)         100.01     153.42     115.68
  Conv. Total (cfs)      238075300.0    Conv. (cfs)           179756800.0  15110410.0  43208020.0
  Length Wtd. (ft)          736.00    Wetted Per. (ft)        8492.58     354.69    1616.30
  Min Ch El (ft)            601.00    Shear (lb/sq ft)           0.00       0.01       0.01
  Alpha                       1.02    Stream Power (lb/ft s)     0.00       0.00       0.00
  Frctn Loss (ft)             0.00    Cum Volume (acre-ft)    263877.30  13584.26  100221.20
  C & E Loss (ft)             0.00    Cum SA (acres)           2272.44     81.26     841.78


Warning: The cross-section end points had to be extended vertically for the computed water surface.
Note:    Multiple critical depths were found at this location.  The critical depth with the lowest, valid,
         water surface was used.

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                RS: 11565

INPUT
Description:
Station Elevation Data    num=      23
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720     800     668     850     670    1200     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     600    9200     600    9400     620
   10100     620   10800     730   11600     755

Manning's n Values        num=       3
     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              154     154     154             .1       .3
Ineffective Flow     num=       1
   Sta L   Sta R    Elev  Permanent
       0    3200     670       F

CROSS SECTION OUTPUT  Profile #PF 1

  E.G. Elev (ft)            759.85    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)            759.85    Reach Len. (ft)          154.00     154.00     154.00
  Crit W.S. (ft)            625.36    Flow Area (sq ft)      917818.90   61515.84  171174.60
  E.G. Slope (ft/ft)      0.000001    Area (sq ft)           917818.90   61515.84  171174.60
  Q Total (cfs)           206224.30    Flow (cfs)            165851.80   14572.04   25800.49
  Top Width (ft)          11600.00    Top Width (ft)          9000.00     400.00    2200.00
  Vel Total (ft/s)            0.18    Avg. Vel. (ft/s)           0.18       0.24       0.15
  Max Chl Dpth (ft)         159.85    Hydr. Depth (ft)         101.98     153.79      77.81
  Conv. Total (cfs)      245990400.0    Conv. (cfs)           197832900.0  17381950.0  30775590.0
  Length Wtd. (ft)          154.00    Wetted Per. (ft)        9042.75     403.81    2213.83
  Min Ch El (ft)            600.00    Shear (lb/sq ft)           0.00       0.01       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)    248984.40  12610.92   97212.12
  C & E Loss (ft)             0.00    Cum SA (acres)           2125.02     74.92     809.68


Warning: The cross-section end points had to be extended vertically for the computed water surface.
Note:    Multiple critical depths were found at this location.  The critical depth with the lowest, valid,
         water surface was used.

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                RS: 11411

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        num=       3
     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     409             .1       .3
Ineffective Flow     num=       1
   Sta L   Sta R    Elev  Permanent
       0    3400     670       F

CROSS SECTION OUTPUT  Profile #PF 1
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			Left OB	Channel	Right OB
E.G. Elev (ft)	759.85	Element			
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	409.00	409.00	409.00
Crit W.S. (ft)	625.22	Flow Area (sq ft)	918468.00	61790.80	171174.40
E.G. Slope (ft/ft)	0.000001	Area (sq ft)	918468.00	61790.80	171174.40
Q Total (cfs)	206224.30	Flow (cfs)	165811.10	14649.42	25763.75
Top Width (ft)	11600.00	Top Width (ft)	9000.00	400.00	2200.00
Vel Total (ft/s)	0.18	Avg. Vel. (ft/s)	0.18	0.24	0.15
Max Chl Dpth (ft)	160.85	Hydr. Depth (ft)	102.05	154.48	77.81
Conv. Total (cfs)	246340700.0	Conv. (cfs)	198066000.0	17499140.0	30775510.0
Length Wtd. (ft)	409.00	Wetted Per. (ft)	9042.76	404.24	2213.83
Min Ch El (ft)	599.00	Shear (lb/sq ft)	0.00	0.01	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)	245738.40	12392.95	96606.95
C & E Loss (ft)	0.00	Cum SA (acres)	2093.20	73.51	801.90

Warning: The cross-section end points had to be extended vertically for the computed water surface.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

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 num= 3

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 424 424 424 .1 .3

Ineffective Flow num= 1

Sta L	Sta R	Elev	Permanent
0	3550	670	F

CROSS SECTION OUTPUT Profile #PF 1

			Left OB	Channel	Right OB
E.G. Elev (ft)	759.85	Element			
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	424.00	424.00	424.00
Crit W.S. (ft)	619.64	Flow Area (sq ft)	820633.30	47755.49	207059.00
E.G. Slope (ft/ft)	0.000001	Area (sq ft)	820633.30	47755.49	207059.00
Q Total (cfs)	206224.30	Flow (cfs)	156929.00	12389.68	36905.66
Top Width (ft)	10797.03	Top Width (ft)	8200.00	300.00	2297.03
Vel Total (ft/s)	0.19	Avg. Vel. (ft/s)	0.19	0.26	0.18
Max Chl Dpth (ft)	161.85	Hydr. Depth (ft)	100.08	159.19	90.14
Conv. Total (cfs)	229833100.0	Conv. (cfs)	174894400.0	13808070.0	41130660.0
Length Wtd. (ft)	424.00	Wetted Per. (ft)	8223.65	302.84	2305.91
Min Ch El (ft)	598.00	Shear (lb/sq ft)	0.01	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)	237573.90	11878.67	94831.27
C & E Loss (ft)	0.00	Cum SA (acres)	2012.45	70.22	780.79

Warning: The cross-section end points had to be extended vertically for the computed water surface.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

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 num= 3

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 266 266 266 .1 .3

Ineffective Flow num= 1

Sta L	Sta R	Elev	Permanent
0	4200	670	F

CROSS SECTION OUTPUT Profile #PF 1

			Left OB	Channel	Right OB
E.G. Elev (ft)	759.85	Element			
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	266.00	266.00	266.00
Crit W.S. (ft)	624.69	Flow Area (sq ft)	840551.10	39237.83	237930.30
E.G. Slope (ft/ft)	0.000001	Area (sq ft)	840551.10	39237.83	237930.30
Q Total (cfs)	206224.30	Flow (cfs)	151237.30	9434.22	45552.80
Top Width (ft)	10800.00	Top Width (ft)	8400.00	250.00	2150.00
Vel Total (ft/s)	0.18	Avg. Vel. (ft/s)	0.18	0.24	0.19
Max Chl Dpth (ft)	162.85	Hydr. Depth (ft)	100.07	156.95	110.67

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Conv. Total (cfs)	244443600.0	Conv. (cfs)	179265900.0	11182660.0	53995060.0	
Length Wtd. (ft)	266.00	Wetted Per. (ft)	8414.33	254.27	2169.95	
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)	229489.20	11455.28	92665.58	
C & E Loss (ft)	0.00	Cum SA (acres)	1931.66	67.55	759.15	

Warning: The cross-section end points had to be extended vertically for the computed water surface.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

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 num= 3

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	289	.1	.3

Ineffective Flow num= 1

Sta L	Sta R	Elev	Permanent
0	4400	670	F

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	289.00	289.00	289.00
Crit W.S. (ft)	624.14	Flow Area (sq ft)	868620.30	23877.68	291686.00
E.G. Slope (ft/ft)	0.000001	Area (sq ft)	868620.30	23877.68	291686.00
Q Total (cfs)	206224.30	Flow (cfs)	150822.80	5535.26	49866.29
Top Width (ft)	11700.00	Top Width (ft)	8600.00	150.00	2950.00
Vel Total (ft/s)	0.17	Avg. Vel. (ft/s)	0.17	0.23	0.17
Max Chl Dpth (ft)	163.85	Hydr. Depth (ft)	101.00	159.18	98.88
Conv. Total (cfs)	254508100.0	Conv. (cfs)	186135200.0	6831246.0	61541600.0
Length Wtd. (ft)	289.00	Wetted Per. (ft)	8633.52	153.85	2967.51
Min Ch El (ft)	596.00	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)	224270.60	11262.58	91048.52
C & E Loss (ft)	0.00	Cum SA (acres)	1879.76	66.32	743.58

Warning: The cross-section end points had to be extended vertically for the computed water surface.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

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 num= 3

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	832	.1	.3

Ineffective Flow num= 1

Sta L	Sta R	Elev	Permanent
0	3550	670	F

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	832.00	832.00	832.00
Crit W.S. (ft)	622.60	Flow Area (sq ft)	792697.50	32407.70	330182.80
E.G. Slope (ft/ft)	0.000001	Area (sq ft)	792697.50	32407.70	330182.80
Q Total (cfs)	206224.30	Flow (cfs)	137836.50	7296.18	61091.67
Top Width (ft)	10400.00	Top Width (ft)	7400.00	200.00	2800.00
Vel Total (ft/s)	0.18	Avg. Vel. (ft/s)	0.17	0.23	0.19
Max Chl Dpth (ft)	164.85	Hydr. Depth (ft)	107.12	162.04	117.92
Conv. Total (cfs)	264129400.0	Conv. (cfs)	176539100.0	9344854.0	78245420.0
Length Wtd. (ft)	832.00	Wetted Per. (ft)	7436.41	206.36	2821.98
Min Ch El (ft)	595.00	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)	218759.60	11075.86	88985.62
C & E Loss (ft)	0.00	Cum SA (acres)	1826.68	65.16	724.50

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Warning: The cross-section end points had to be extended vertically for the computed water surface.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 9191

INPUT
Description:
Station Elevation Data num= 25

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	730	400	720	800	730	2000	677	3600	640
4400	640	4600	654	5200	640	5600	640	6300	630
6400	630	6800	620	7100	620	7950	612	8050	612
8200	610	8250	594	8300	594	8350	610	9800	618
10000	620	10300	630	10900	700	11100	690	11900	740

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	8250	.15	8350	.15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
8250 8350 382 382 382 .1 .3
Ineffective Flow num= 1

Sta L	Sta R	Elev	Permanent
0	4660	670	F

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB	
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150	
W.S. Elev (ft)	759.85	Reach Len. (ft)	382.00	382.00	382.00	
Crit W.S. (ft)	621.06	Flow Area (sq ft)	855317.30	16185.06	385869.60	
E.G. Slope (ft/ft)	0.000001	Area (sq ft)	855317.30	16185.06	385869.60	
Q Total (cfs)	206224.30	Flow (cfs)	138426.70	3477.40	64320.24	
Top Width (ft)	11900.00	Top Width (ft)	8250.00	100.00	3550.00	
Vel Total (ft/s)	0.16	Avg. Vel. (ft/s)	0.16	0.21	0.17	
Max Chl Dpth (ft)	165.85	Hydr. Depth (ft)	103.67	161.85	108.70	
Conv. Total (cfs)	277782200.0	Conv. (cfs)	186459400.0	4684018.0	86638750.0	
Length Wtd. (ft)	382.00	Wetted Per. (ft)	8285.10	102.50	3575.93	
Min Ch El (ft)	594.00	Shear (lb/sq ft)	0.00	0.01	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)	203021.00	10611.80	82147.28	
C & E Loss (ft)	0.00	Cum SA (acres)	1677.22	62.30	663.86	

Warning: The cross-section end points had to be extended vertically for the computed water surface.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

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	Elev
0	728	800	700	950	700	1000	690	1600	690
1625	680	2000	680	3200	650	3500	650	4000	640
4400	640	4700	630	5000	628	5200	632	5600	630
6000	628	6500	628	6600	623	7200	618	8400	616
8800	610	9000	610	9100	593	9150	593	9200	610
10900	620	11200	630	11300	630	11600	700	11900	700
12100	680	12800	735	13000	730				

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	9000	.15	9200	.15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
9000 9200 527 527 527 .1 .3
Ineffective Flow num= 1

Sta L	Sta R	Elev	Permanent
0	5800	670	F

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB	
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150	
W.S. Elev (ft)	759.85	Reach Len. (ft)	527.00	527.00	527.00	
Crit W.S. (ft)	620.52	Flow Area (sq ft)	1004429.00	32095.09	402181.70	
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1004429.00	32095.09	402181.70	
Q Total (cfs)	206224.30	Flow (cfs)	144719.40	5824.78	55680.12	
Top Width (ft)	13000.00	Top Width (ft)	9000.00	200.00	3800.00	
Vel Total (ft/s)	0.14	Avg. Vel. (ft/s)	0.14	0.18	0.14	
Max Chl Dpth (ft)	166.85	Hydr. Depth (ft)	111.60	160.48	105.84	
Conv. Total (cfs)	327788400.0	Conv. (cfs)	230027900.0	9258338.0	88502170.0	
Length Wtd. (ft)	527.00	Wetted Per. (ft)	9036.15	204.25	3841.32	
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)	194866.40	10400.10	78691.87	
C & E Loss (ft)	0.00	Cum SA (acres)	1601.59	60.98	631.63	

Warning: The cross-section end points had to be extended vertically for the computed water surface.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

CROSS SECTION

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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 num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	9100	.15	9250	.15

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

Ineffective Flow num= 1

Sta L	Sta R	Elev	Permanent
0	6000	670	F

CROSS SECTION OUTPUT Profile #PF 1

			Left OB	Channel	Right OB
E.G. Elev (ft)	759.85	Element	0.150	0.150	0.150
Vel Head (ft)	0.00	Wt. n-Val.	604.00	604.00	604.00
W.S. Elev (ft)	759.85	Reach Len. (ft)	1008388.00	24327.54	467208.60
Crit W.S. (ft)	616.04	Flow Area (sq ft)	1008388.00	24327.54	467208.60
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	136412.30	4150.82	65661.17
Q Total (cfs)	206224.30	Flow (cfs)	9100.00	150.00	3950.00
Top Width (ft)	13200.00	Top Width (ft)	0.14	0.17	0.14
Vel Total (ft/s)	0.14	Avg. Vel. (ft/s)	110.81	162.18	118.28
Max Chl Dpth (ft)	167.85	Hydr. Depth (ft)	229830200.0	6993379.0	110627300.0
Conv. Total (cfs)	347450900.0	Conv. (cfs)	9137.22	155.62	3997.97
Length Wtd. (ft)	604.00	Wetted Per. (ft)	0.00	0.00	0.00
Min Ch El (ft)	592.00	Shear (lb/sq ft)	0.00	0.00	0.00
Alpha	1.00	Stream Power (lb/ft s)	182690.70	10058.79	73432.81
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	1492.10	58.87	584.75
C & E Loss (ft)	0.00	Cum SA (acres)			

Warning: The cross-section end points had to be extended vertically for the computed water surface.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

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 num= 3

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	308	308	.1	.3

Ineffective Flow num= 1

Sta L	Sta R	Elev	Permanent
0	5200	670	F

CROSS SECTION OUTPUT Profile #PF 1

			Left OB	Channel	Right OB
E.G. Elev (ft)	759.85	Element	0.150	0.150	0.150
Vel Head (ft)	0.00	Wt. n-Val.	308.00	308.00	308.00
W.S. Elev (ft)	759.85	Reach Len. (ft)	953873.40	58422.53	504555.40
Crit W.S. (ft)	613.09	Flow Area (sq ft)	953873.40	58422.53	504555.40
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	127744.40	10085.85	68394.02
Q Total (cfs)	206224.30	Flow (cfs)	8350.00	350.00	4300.00
Top Width (ft)	13000.00	Top Width (ft)	0.13	0.17	0.14
Vel Total (ft/s)	0.14	Avg. Vel. (ft/s)	114.24	166.92	117.34
Max Chl Dpth (ft)	168.85	Hydr. Depth (ft)	221713100.0	17504990.0	118704600.0
Conv. Total (cfs)	357922700.0	Conv. (cfs)	8392.58	351.21	4359.40
Length Wtd. (ft)	308.00	Wetted Per. (ft)	0.00	0.00	0.00
Min Ch El (ft)	591.00	Shear (lb/sq ft)	0.00	0.00	0.00
Alpha	1.01	Stream Power (lb/ft s)	169086.40	9485.09	66695.60
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	1371.12	55.40	527.55
C & E Loss (ft)	0.00	Cum SA (acres)			

Warning: The cross-section end points had to be extended vertically for the computed water surface.
Note: Multiple critical depths were found at this location. The critical depth with the lowest, valid, water surface was used.

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 7370

INPUT

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Description:
Station Elevation Data    num=      26
     Sta    Elev     Sta    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     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 #PF 1

  E.G. Elev (ft)            759.85    Element                 Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            759.85    Reach Len. (ft)          671.00     671.00     671.00
  Crit W.S. (ft)            608.92    Flow Area (sq ft)     959867.30   41712.49   469869.90
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)          959867.30   41712.49   469869.90
  Q Total (cfs)           206224.30     Flow (cfs)          137384.30    7157.93   61682.05
  Top Width (ft)          12000.00    Top Width (ft)         7550.00     250.00    4200.00
  Vel Total (ft/s)            0.14    Avg. Vel. (ft/s)          0.14       0.17       0.13
  Max Chl Dpth (ft)         169.85    Hydr. Depth (ft)        127.13     166.85     111.87
  Conv. Total (cfs)       359380100.0     Conv. (cfs)        239415000.0   12473880.0   107491200.0
  Length Wtd. (ft)          671.00    Wetted Per. (ft)       7597.26     251.49    4233.90
  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)  162320.60    9131.08   63250.66
  C & E Loss (ft)             0.00    Cum SA (acres)         1314.90      53.28     497.50


Warning: The cross-section end points had to be extended vertically for the computed water surface.
Note:    Multiple critical depths were found at this location.  The critical depth with the lowest, valid,
         water surface was used.

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 6699

INPUT
Description:
Station Elevation Data    num=      26
     Sta    Elev     Sta    Elev     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        num=       3
     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     838             .1      .3
Ineffective Flow     num=       1
   Sta L   Sta R    Elev  Permanent
       0    4000     670       F

CROSS SECTION OUTPUT  Profile #PF 1

  E.G. Elev (ft)            759.85    Element                 Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            759.85    Reach Len. (ft)          838.00     838.00     838.00
  Crit W.S. (ft)            609.65    Flow Area (sq ft)    1017198.00   67239.91   482629.20
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)         1017198.00   67239.91   482629.20
  Q Total (cfs)           206224.30     Flow (cfs)          132875.10   10599.42   62749.74
  Top Width (ft)          12200.00    Top Width (ft)         8000.00     400.00    3800.00
  Vel Total (ft/s)            0.13    Avg. Vel. (ft/s)          0.13       0.16       0.13
  Max Chl Dpth (ft)         170.85    Hydr. Depth (ft)        127.15     168.10     127.01
  Conv. Total (cfs)       393938500.0     Conv. (cfs)        253823800.0   20247460.0   119867200.0
  Length Wtd. (ft)          838.00    Wetted Per. (ft)       8045.84     401.21    3844.49
  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)  147093.20    8291.93   55914.50
  C & E Loss (ft)             0.00    Cum SA (acres)         1195.14      48.27     435.89


Warning: The cross-section end points had to be extended vertically for the computed water surface.
Note:    Multiple critical depths were found at this location.  The critical depth with the lowest, valid,
         water surface was used.

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 5861

INPUT
Description:
Station Elevation Data    num=      32
     Sta    Elev     Sta    Elev     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
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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 num= 3

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 #PF 1

			Left OB	Channel	Right OB
E.G. Elev (ft)	759.85	Element			
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	667.00	667.00	667.00
Crit W.S. (ft)		Flow Area (sq ft)	1043094.00	59247.36	600323.30
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1043094.00	59247.36	600323.30
Q Total (cfs)	206224.30	Flow (cfs)	123500.10	8585.37	74138.87
Top Width (ft)	13200.00	Top Width (ft)	8350.00	350.00	4500.00
Vel Total (ft/s)	0.12	Avg. Vel. (ft/s)	0.12	0.14	0.12
Max Chl Dpth (ft)	171.85	Hydr. Depth (ft)	124.92	169.28	133.41
Conv. Total (cfs)	429660400.0	Conv. (cfs)	257307600.0	17887280.0	154465500.0
Length Wtd. (ft)	667.00	Wetted Per. (ft)	8394.32	352.14	4534.94
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)	127275.40	7075.25	45497.67
C & E Loss (ft)	0.00	Cum SA (acres)	1037.87	41.06	356.05

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	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

			Left OB	Channel	Right OB
E.G. Elev (ft)	759.85	Element			
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	474.00	474.00	474.00
Crit W.S. (ft)		Flow Area (sq ft)	1001265.00	75832.22	430145.40
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1001265.00	75832.22	430145.40
Q Total (cfs)	206224.30	Flow (cfs)	134115.10	12538.24	59570.98
Top Width (ft)	12000.00	Top Width (ft)	8200.00	450.00	3350.00
Vel Total (ft/s)	0.14	Avg. Vel. (ft/s)	0.13	0.17	0.14
Max Chl Dpth (ft)	172.85	Hydr. Depth (ft)	122.11	168.52	128.40
Conv. Total (cfs)	374035000.0	Conv. (cfs)	243248400.0	22740970.0	108045600.0
Length Wtd. (ft)	474.00	Wetted Per. (ft)	8244.29	455.28	3368.86
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)	111623.60	6041.07	37608.29
C & E Loss (ft)	0.00	Cum SA (acres)	911.16	34.93	295.95

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
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								

Manning's n Values num= 3

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	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

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			Left OB	Channel	Right OB
E.G. Elev (ft)	759.85	Element			
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	46.50	46.50	46.50
Crit W.S. (ft)		Flow Area (sq ft)	1055964.00	67189.70	444412.30
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1055964.00	67189.70	444412.30
Q Total (cfs)	206224.30	Flow (cfs)	139043.90	10958.80	56221.59
Top Width (ft)	12996.98	Top Width (ft)	8700.00	400.00	3896.98
Vel Total (ft/s)	0.13	Avg. Vel. (ft/s)	0.13	0.16	0.13
Max Chl Dpth (ft)	174.85	Hydr. Depth (ft)	121.38	167.97	114.04
Conv. Total (cfs)	379014900.0	Conv. (cfs)	255545600.0	20140920.0	103328400.0
Length Wtd. (ft)	46.50	Wetted Per. (ft)	8745.32	403.64	3908.33
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)	100430.70	5262.92	32850.02
C & E Loss (ft)	0.00	Cum SA (acres)	819.21	30.31	256.52

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
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	609.7211448.85		617.4911578.54		619.28
11904.62	688.54	11963.9	701.5912816.15		749.8112927.32		756.28	13120	758.5

Manning's n Values num= 3

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	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

			Left OB	Channel	Right OB
E.G. Elev (ft)	759.85	Element			
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	46.50	46.50	46.50
Crit W.S. (ft)		Flow Area (sq ft)	1063151.00	70523.67	436826.00
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1063151.00	70523.67	436826.00
Q Total (cfs)	206224.30	Flow (cfs)	140423.10	11535.62	54265.60
Top Width (ft)	13120.00	Top Width (ft)	8750.00	420.00	3950.00
Vel Total (ft/s)	0.13	Avg. Vel. (ft/s)	0.13	0.16	0.12
Max Chl Dpth (ft)	174.95	Hydr. Depth (ft)	121.50	167.91	110.59
Conv. Total (cfs)	378133400.0	Conv. (cfs)	257480200.0	21151740.0	99501560.0
Length Wtd. (ft)	46.50	Wetted Per. (ft)	8794.83	423.33	3961.71
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)	99299.64	5189.42	32379.66
C & E Loss (ft)	0.00	Cum SA (acres)	809.90	29.87	252.33

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 4627.*

INPUT
Description:
Station Elevation Data num= 50

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	600.4210815.61		609.4411432.31		616.6511557.07		618.57
11870.77	680.92	11927.8	693.1712747.69		745.3812854.63		752.56	13040	757

Manning's n Values num= 3

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 #PF 1

			Left OB	Channel	Right OB
E.G. Elev (ft)	759.85	Element			
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	46.50	46.50	46.50
Crit W.S. (ft)		Flow Area (sq ft)	1070350.00	73861.67	428620.80
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1070350.00	73861.67	428620.80
Q Total (cfs)	206224.30	Flow (cfs)	140604.20	12012.24	53607.89
Top Width (ft)	13040.00	Top Width (ft)	8800.00	440.00	3800.00
Vel Total (ft/s)	0.13	Avg. Vel. (ft/s)	0.13	0.16	0.13

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Max Chl Dpth (ft)	175.05	Hydr. Depth (ft)	121.63	167.87	112.80	
Conv. Total (cfs)	380489900.0	Conv. (cfs)	259418800.0	22162930.0	98908140.0	
Length Wtd. (ft)	46.50	Wetted Per. (ft)	8844.40	443.06	3812.33	
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)	98160.89	5112.35	31917.73	
C & E Loss (ft)	0.00	Cum SA (acres)	800.53	29.41	248.20	

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

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	600.6310823.42		609.1611415.77		615.8211535.61		617.85
11836.92	673.3111891.71		684.7612679.23		740.9612781.95		748.84	12960	755.5

Manning's n Values num= 3

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 46.5 .1 .3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	46.50	46.50	46.50
Crit W.S. (ft)		Flow Area (sq ft)	1077568.00	77203.65	419742.70
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1077568.00	77203.65	419742.70
Q Total (cfs)	206224.30	Flow (cfs)	140865.10	12490.34	52868.82
Top Width (ft)	12960.00	Top Width (ft)	8850.00	460.00	3650.00
Vel Total (ft/s)	0.13	Avg. Vel. (ft/s)	0.13	0.16	0.13
Max Chl Dpth (ft)	175.15	Hydr. Depth (ft)	121.76	167.83	115.00
Conv. Total (cfs)	382633100.0	Conv. (cfs)	261364200.0	23174840.0	98093970.0
Length Wtd. (ft)	46.50	Wetted Per. (ft)	8894.03	462.83	3663.11
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)	97014.45	5031.72	31464.92
C & E Loss (ft)	0.00	Cum SA (acres)	791.11	28.93	244.22

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
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	600.8510831.22		608.8711399.23		614.9911514.15		617.14
11803.08	665.6911855.61		676.3412610.77		736.5412709.27		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 #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	46.50	46.50	46.50
Crit W.S. (ft)		Flow Area (sq ft)	1084796.00	80549.64	410208.10
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1084796.00	80549.64	410208.10
Q Total (cfs)	206224.30	Flow (cfs)	141204.20	12970.92	52049.21
Top Width (ft)	12880.00	Top Width (ft)	8900.00	480.00	3500.00
Vel Total (ft/s)	0.13	Avg. Vel. (ft/s)	0.13	0.16	0.13
Max Chl Dpth (ft)	175.25	Hydr. Depth (ft)	121.89	167.81	117.20
Conv. Total (cfs)	384560300.0	Conv. (cfs)	263312900.0	24187740.0	97059650.0
Length Wtd. (ft)	46.50	Wetted Per. (ft)	8943.72	482.64	3514.05
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)	95860.29	4947.52	31021.94
C & E Loss (ft)	0.00	Cum SA (acres)	781.63	28.43	240.40

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
0	719	778.26	680.84	1028.74	669.85	1264.67	662.13	1361.96	661.95
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	601.0610	839.02	608.5911	382.69	614.1611	492.68	616.42
11769.23	658.0811	819.51	667.9312	542.31	732.1212	636.59	741.4	12800	752.5

Manning's n Values num= 3

Sta	n Val	Sta	n Val	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 #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	46.50	46.50	46.50
Crit W.S. (ft)		Flow Area (sq ft)	1092032.00	83899.63	400007.30
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1092032.00	83899.63	400007.30
Q Total (cfs)	206224.30	Flow (cfs)	141624.10	13455.22	51145.03
Top Width (ft)	12800.00	Top Width (ft)	8950.00	500.00	3350.00
Vel Total (ft/s)	0.13	Avg. Vel. (ft/s)	0.13	0.16	0.13
Max Chl Dpth (ft)	175.35	Hydr. Depth (ft)	122.01	167.80	119.41
Conv. Total (cfs)	386261100.0	Conv. (cfs)	265263900.0	25201820.0	95795380.0
Length Wtd. (ft)	46.50	Wetted Per. (ft)	8993.47	502.47	3365.18
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)	94698.41	4859.75	30589.49
C & E Loss (ft)	0.00	Cum SA (acres)	772.11	27.91	236.75

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 4441.*

INPUT
Description:
Station Elevation Data num= 50

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
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	601.2710	846.83	608.3111	366.15	613.3311	471.22	615.71
11735.38	650.4611	783.42	659.5112	473.85	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.	Expan.
9000	9520	46.5	46.5	46.5	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	46.50	46.50	46.50
Crit W.S. (ft)		Flow Area (sq ft)	1099277.00	87253.60	389153.60
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1099277.00	87253.60	389153.60
Q Total (cfs)	206224.30	Flow (cfs)	142124.70	13944.11	50155.49
Top Width (ft)	12720.00	Top Width (ft)	9000.00	520.00	3200.00
Vel Total (ft/s)	0.13	Avg. Vel. (ft/s)	0.13	0.16	0.13
Max Chl Dpth (ft)	175.45	Hydr. Depth (ft)	122.14	167.80	121.61
Conv. Total (cfs)	387735400.0	Conv. (cfs)	267217700.0	26217210.0	94300540.0
Length Wtd. (ft)	46.50	Wetted Per. (ft)	9043.27	522.32	3216.53
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)	93528.81	4768.40	30168.28
C & E Loss (ft)	0.00	Cum SA (acres)	762.53	27.36	233.25

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*

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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  601.4810854.63  608.0311349.62  612.511449.76  614.99
11701.54  642.8511747.32   651.112405.38  723.2712491.22  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 #PF 1

  E.G. Elev (ft)            759.85    Element                 Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            759.85    Reach Len. (ft)           46.50      46.50      46.50
  Crit W.S. (ft)                      Flow Area (sq ft)      1106539.00   90611.60   377630.90
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)           1106539.00   90611.60   377630.90
  Q Total (cfs)           206224.30     Flow (cfs)            142711.20   14438.81   49074.27
  Top Width (ft)          12640.00    Top Width (ft)           9050.00     540.00    3050.00
  Vel Total (ft/s)            0.13    Avg. Vel. (ft/s)            0.13       0.16       0.13
  Max Chl Dpth (ft)         175.55    Hydr. Depth (ft)          122.27     167.80     123.81
  Conv. Total (cfs)       388974300.0     Conv. (cfs)          269177700.0   27234060.0   92562460.0
  Length Wtd. (ft)           46.50    Wetted Per. (ft)         9093.14     542.18    3068.12
  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)    92351.47    4673.46   29759.01
  C & E Loss (ft)             0.00    Cum SA (acres)            752.89      26.80     229.92

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    60010013.66  601.6910862.44  607.7511333.08  611.6611428.29  614.28
11667.69  635.2311711.22  642.6812336.92  718.8512418.54  730.24   12560     748

Manning's n Values        num=       3
     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    46.5             .1      .3

CROSS SECTION OUTPUT  Profile #PF 1

  E.G. Elev (ft)            759.85    Element                 Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            759.85    Reach Len. (ft)           46.50      46.50      46.50
  Crit W.S. (ft)                      Flow Area (sq ft)      1113824.00   93973.57   365453.30
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)           1113824.00   93973.57   365453.30
  Q Total (cfs)           206224.30     Flow (cfs)            143384.40   14940.11   47899.78
  Top Width (ft)          12560.00    Top Width (ft)           9100.00     560.00    2900.00
  Vel Total (ft/s)            0.13    Avg. Vel. (ft/s)            0.13       0.16       0.13
  Max Chl Dpth (ft)         175.65    Hydr. Depth (ft)          122.40     167.81     126.02
  Conv. Total (cfs)       389979600.0     Conv. (cfs)          271146500.0   28252430.0   90580670.0
  Length Wtd. (ft)           46.50    Wetted Per. (ft)         9143.06     562.06    2920.00
  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)    91166.36    4574.94   29362.39
  C & E Loss (ft)             0.00    Cum SA (acres)            743.21      26.21     226.74

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 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 #PF 1

			Left OB	Channel	Right OB
E.G. Elev (ft)	759.85	Element	0.150	0.150	0.150
Vel Head (ft)	0.00	Wt. n-Val.	46.50	46.50	46.50
W.S. Elev (ft)	759.85	Reach Len. (ft)	1121112.00	97339.57	352611.90
Crit W.S. (ft)		Flow Area (sq ft)	1121112.00	97339.57	352611.90
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	144147.20	15449.64	46627.48
Q Total (cfs)	206224.30	Flow (cfs)	9150.00	580.00	2750.00
Top Width (ft)	12480.00	Top Width (ft)	0.13	0.16	0.13
Vel Total (ft/s)	0.13	Avg. Vel. (ft/s)	122.53	167.83	128.22
Max Chl Dpth (ft)	175.75	Hydr. Depth (ft)	273115500.0	29272420.0	88345030.0
Conv. Total (cfs)	390733000.0	Conv. (cfs)	9193.03	581.96	2772.20
Length Wtd. (ft)	46.50	Wetted Per. (ft)	0.00	0.00	0.00
Min Ch El (ft)	584.10	Shear (lb/sq ft)	0.00	0.00	0.00
Alpha	1.01	Stream Power (lb/ft s)	89973.47	4472.83	28979.12
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	733.46	25.60	223.72
C & E Loss (ft)	0.00	Cum SA (acres)			

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 4255

INPUT
Description:
Station Elevation Data num= 25

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	800	680	1300	660	1400	662	1700	663
2000	650	2200	650	2300	660	2600	660	4000	640
4600	640	4800	638	5000	620	5600	615	6400	610
7000	610	7200	608	9200	608	9400	584	9500	584
9800	600	11300	610	11600	620	12200	710	12400	745

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	9200	.15	9800	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
9200	9800	45.5	45.5	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

			Left OB	Channel	Right OB
E.G. Elev (ft)	759.85	Element	0.150	0.150	0.150
Vel Head (ft)	0.00	Wt. n-Val.	45.50	45.50	45.50
W.S. Elev (ft)	759.85	Reach Len. (ft)	1128413.00	100709.50	339108.00
Crit W.S. (ft)		Flow Area (sq ft)	1128413.00	100709.50	339108.00
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	145003.50	15968.43	45252.37
Q Total (cfs)	206224.30	Flow (cfs)	9200.00	600.00	2600.00
Top Width (ft)	12400.00	Top Width (ft)	0.13	0.16	0.13
Vel Total (ft/s)	0.13	Avg. Vel. (ft/s)	122.65	167.85	130.43
Max Chl Dpth (ft)	175.85	Hydr. Depth (ft)	275089200.0	30294050.0	85849230.0
Conv. Total (cfs)	391232500.0	Conv. (cfs)	9243.06	601.86	2624.80
Length Wtd. (ft)	45.50	Wetted Per. (ft)	0.00	0.00	0.00
Min Ch El (ft)	584.00	Shear (lb/sq ft)	0.00	0.00	0.00
Alpha	1.01	Stream Power (lb/ft s)	88772.79	4367.12	28609.92
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	723.67	24.97	220.87
C & E Loss (ft)	0.00	Cum SA (acres)			

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 4209.5*

INPUT
Description:
Station Elevation Data num= 44

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	804.35	680.65	1156.25	666.5	1307.07	661.01	1407.61	662.59
1541.67	662.76	1709.24	663.58	1734.38	662.68	2010.87	651.1	2211.96	650.27
2216.15	650.61	2312.5	659.33	2614.13	660.34	2697.92	659.58	3083.33	652.92
3276.04	650.52	3854.17	642.08	4021.74	640	4143.23	640	4335.94	639.38
4625	639.38	4817.71	635.82	4826.09	635.74	5027.17	619.77	5395.83	616.7
5630.43	614.89	6166.67	611.71	6434.78	610.25	6937.5	610.25	7038.04	610.18
7239.13	608.3	7322.92	608.25	8864.58	608.25	9250	607	9431.25	583.88
9550	583.88	9818.75	60011135.71		608.9911307.93		61011557.14		617.32
11605.77	620.1911978.57		680.5412201.44		710	12400	740.62		

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	9250	.15	9818.75	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
9250	9818.75	45.5	45.5	.1	.3

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CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB	
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150	
W.S. Elev (ft)	759.85	Reach Len. (ft)	45.50	45.50	45.50	
Crit W.S. (ft)		Flow Area (sq ft)	1133911.00	95821.13	335849.20	
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1133911.00	95821.13	335849.20	
Q Total (cfs)	206224.30	Flow (cfs)	146111.50	15274.88	44837.96	
Top Width (ft)	12400.00	Top Width (ft)	9250.00	568.75	2581.25	
Vel Total (ft/s)	0.13	Avg. Vel. (ft/s)	0.13	0.16	0.13	
Max Chl Dpth (ft)	175.97	Hydr. Depth (ft)	122.59	168.48	130.11	
Conv. Total (cfs)	390027600.0	Conv. (cfs)	276337500.0	28889050.0	84801090.0	
Length Wtd. (ft)	45.50	Wetted Per. (ft)	9292.74	570.70	2609.84	
Min Ch El (ft)	583.88	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)	87591.25	4264.48	28257.41	
C & E Loss (ft)	0.00	Cum SA (acres)	714.03	24.36	218.16	

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 4164.*

INPUT
Description:
Station Elevation Data num= 44

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	808.7	681.3	1162.5	667	1314.13	662.01	1415.22	663.18
1550	663.08	1718.48	664.15	1743.75	663.44	2021.74	652.2	2223.91	650.53
2228.12	650.81	2325	658.65	2628.26	660.68	2712.5	660.36	3100	652.5
3293.75	650.45	3875	641.79	4043.48	640	4165.62	640	4359.38	638.75
4650	638.75	4843.75	633.56	4852.17	633.48	5054.35	619.55	5425	616.46
5660.87	614.77	6200	611.75	6469.57	610.5	6975	610.5	7076.09	610.37
7278.26	608.61	7362.5	608.5	8912.5	608.5	9300	606	9462.5	583.75
9600	583.75	9837.5	600	11144.9	609.13	11315.87	610	11563.27	616.28
11611.54	620.38	11981.63	684.74	12202.88	710	12400	736.25		

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	9300	.15	9837.5	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
9300	9837.5	45.5	45.5	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB	
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150	
W.S. Elev (ft)	759.85	Reach Len. (ft)	45.50	45.50	45.50	
Crit W.S. (ft)		Flow Area (sq ft)	1139404.00	90915.84	332609.00	
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1139404.00	90915.84	332609.00	
Q Total (cfs)	206224.30	Flow (cfs)	147227.50	14572.53	44424.25	
Top Width (ft)	12400.00	Top Width (ft)	9300.00	537.50	2562.50	
Vel Total (ft/s)	0.13	Avg. Vel. (ft/s)	0.13	0.16	0.13	
Max Chl Dpth (ft)	176.10	Hydr. Depth (ft)	122.52	169.15	129.80	
Conv. Total (cfs)	388814200.0	Conv. (cfs)	277582000.0	27474970.0	83757250.0	
Length Wtd. (ft)	45.50	Wetted Per. (ft)	9342.50	539.57	2595.12	
Min Ch El (ft)	583.75	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)	86403.97	4166.95	27908.30	
C & E Loss (ft)	0.00	Cum SA (acres)	704.35	23.78	215.48	

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 4118.5*

INPUT
Description:
Station Elevation Data num= 44

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	813.04	681.96	1168.75	667.5	1321.2	663.02	1422.83	663.78
1558.33	663.4	1727.72	664.73	1753.12	664.2	2032.61	653.31	2235.87	650.8
2240.1	651.01	2337.5	657.97	2642.39	661.03	2727.08	661.13	3116.67	652.08
3311.46	650.37	3895.83	641.49	4065.22	640	4188.02	640	4382.81	638.12
4675	638.12	4869.79	631.3	4878.26	631.22	5081.52	619.32	5454.17	616.22
5691.3	614.66	6233.33	611.79	6504.35	610.75	7012.5	610.75	7114.13	610.55
7317.39	608.91	7402.08	608.75	8960.42	608.75	9350	605	9493.75	583.62
9650	583.62	9856.25	600	11154.08	609.28	11323.8	610	11569.39	615.23
11617.31	620.58	11984.69	688.95	12204.33	710	12400	731.88		

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	9350	.15	9856.25	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
9350	9856.25	45.5	45.5	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB	
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150	
W.S. Elev (ft)	759.85	Reach Len. (ft)	45.50	45.50	45.50	
Crit W.S. (ft)		Flow Area (sq ft)	1144887.00	85990.18	329369.80	
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1144887.00	85990.18	329369.80	
Q Total (cfs)	206224.30	Flow (cfs)	148355.40	13860.53	44008.41	
Top Width (ft)	12400.00	Top Width (ft)	9350.00	506.25	2543.75	

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Vel Total (ft/s)	0.13	Avg. Vel. (ft/s)	0.13	0.16	0.13	
Max Chl Dpth (ft)	176.23	Hydr. Depth (ft)	122.45	169.86	129.48	
Conv. Total (cfs)	387581100.0	Conv. (cfs)	278821300.0	26049680.0	82710060.0	
Length Wtd. (ft)	45.50	Wetted Per. (ft)	9392.32	508.48	2580.64	
Min Ch El (ft)	583.62	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)	85210.95	4074.56	27562.57	
C & E Loss (ft)	0.00	Cum SA (acres)	694.61	23.24	212.81	

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 4073.*

INPUT
Description:
Station Elevation Data num= 44

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	817.39	682.61	1175	668	1328.26	664.02	1430.43	664.37
1566.67	663.72	1736.96	665.3	1762.5	664.96	2043.48	654.41	2247.83	651.07
2252.08	651.21	2350	657.3	2656.52	661.37	2741.67	661.9	3133.33	651.67
3329.17	650.3	3916.67	641.19	4086.96	640	4210.42	640	4406.25	637.5
4700	637.5	4895.83	629.04	4904.35	628.96	5108.7	619.09	5483.33	615.97
5721.74	614.54	6266.67	611.83	6539.13	611	7050	611	7152.17	610.74
7356.52	609.22	7441.67	609	9008.33	609	9400	604	9525	583.5
9700	583.5	9875	60011163.27		609.4211331.73		61011575.51		614.18
11623.08	620.7711987.75		693.1612205.77		710	12400	727.5		

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	9400	.15	9875	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
9400	9875	45.5	45.5	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB	
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150	
W.S. Elev (ft)	759.85	Reach Len. (ft)	45.50	45.50	45.50	
Crit W.S. (ft)		Flow Area (sq ft)	1150366.00	81040.89	326152.50	
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1150366.00	81040.89	326152.50	
Q Total (cfs)	206224.30	Flow (cfs)	149493.20	13137.17	43593.95	
Top Width (ft)	12400.00	Top Width (ft)	9400.00	475.00	2525.00	
Vel Total (ft/s)	0.13	Avg. Vel. (ft/s)	0.13	0.16	0.13	
Max Chl Dpth (ft)	176.35	Hydr. Depth (ft)	122.38	170.61	129.17	
Conv. Total (cfs)	386336900.0	Conv. (cfs)	280057900.0	24610930.0	81668120.0	
Length Wtd. (ft)	45.50	Wetted Per. (ft)	9442.23	477.45	2566.43	
Min Ch El (ft)	583.50	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)	84012.22	3987.32	27220.21	
C & E Loss (ft)	0.00	Cum SA (acres)	684.81	22.73	210.16	

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 4027.5*

INPUT
Description:
Station Elevation Data num= 44

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	821.74	683.26	1181.25	668.5	1335.33	665.03	1438.04	664.96
1575	664.04	1746.2	665.88	1771.88	665.72	2054.35	655.51	2259.78	651.34
2264.06	651.41	2362.5	656.62	2670.65	661.71	2756.25	662.68	3150	651.25
3346.88	650.22	3937.5	640.89	4108.7	640	4232.81	640	4429.69	636.88
4725	636.88	4921.88	626.78	4930.44	626.7	5135.87	618.87	5512.5	615.73
5752.17	614.43	6300	611.88	6573.91	611.25	7087.5	611.25	7190.22	610.92
7395.65	609.52	7481.25	609.25	9056.25	609.25	9450	603	9556.25	583.38
9750	583.38	9893.75	60011172.45		609.5711339.66		61011581.63		613.14
11628.85	620.9611990.82		697.3712207.21		710	12400	723.12		

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	9450	.15	9893.75	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
9450	9893.75	45.5	45.5	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB	
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150	
W.S. Elev (ft)	759.85	Reach Len. (ft)	45.50	45.50	45.50	
Crit W.S. (ft)		Flow Area (sq ft)	1155832.00	76071.35	322938.80	
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1155832.00	76071.35	322938.80	
Q Total (cfs)	206224.30	Flow (cfs)	150643.40	12402.85	43178.06	
Top Width (ft)	12400.00	Top Width (ft)	9450.00	443.75	2506.25	
Vel Total (ft/s)	0.13	Avg. Vel. (ft/s)	0.13	0.16	0.13	
Max Chl Dpth (ft)	176.47	Hydr. Depth (ft)	122.31	171.43	128.85	
Conv. Total (cfs)	385070800.0	Conv. (cfs)	281287700.0	23159130.0	80623910.0	
Length Wtd. (ft)	45.50	Wetted Per. (ft)	9492.19	446.50	2552.47	
Min Ch El (ft)	583.38	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)	82807.77	3905.27	26881.21	
C & E Loss (ft)	0.00	Cum SA (acres)	674.97	22.25	207.53	

SS_Rev3.rep

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 3982.*

INPUT
Description:
Station Elevation Data num= 44

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	826.09	683.91	1187.5	669	1342.39	666.03	1445.65	665.55
1583.33	664.36	1755.43	666.46	1781.25	666.48	2065.22	656.61	2271.74	651.6
2276.04	651.6	2375	655.95	2684.78	662.05	2770.83	663.45	3166.67	650.83
3364.58	650.15	3958.33	640.6	4130.43	640	4255.21	640	4453.12	636.25
4750	636.25	4947.92	624.52	4956.52	624.45	5163.04	618.64	5541.67	615.49
5782.61	614.32	6333.33	611.92	6608.7	611.5	7125	611.5	7228.26	611.11
7434.78	609.83	7520.83	609.5	9104.17	609.5	9500	602	9587.5	583.25
9800	583.25	9912.5	60011181.63		609.71	11347.6	61011587.75		612.09
11634.62	621.1511993.88		701.5812208.65		710	12400	718.75		

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	9500	.15	9912.5	.15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
9500 9912.5 45.5 45.5 45.5 .1 .3

CROSS SECTION OUTPUT Profile #PF 1

			Left OB	Channel	Right OB
E.G. Elev (ft)	759.85	Element	0.150	0.150	0.150
Vel Head (ft)	0.00	Wt. n-Val.	45.50	45.50	45.50
W.S. Elev (ft)	759.85	Reach Len. (ft)	1161295.00	71084.69	319744.10
Crit W.S. (ft)		Flow Area (sq ft)	1161295.00	71084.69	319744.10
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	151804.70	11656.53	42763.12
Q Total (cfs)	206224.30	Flow (cfs)	9500.00	412.50	2487.50
Top Width (ft)	12400.00	Top Width (ft)	0.13	0.16	0.13
Vel Total (ft/s)	0.13	Avg. Vel. (ft/s)	122.24	172.33	128.54
Max Chl Dpth (ft)	176.60	Hydr. Depth (ft)	282515000.0	21693300.0	79583990.0
Conv. Total (cfs)	383792300.0	Conv. (cfs)	9542.24	415.73	2538.77
Length Wtd. (ft)	45.50	Wetted Per. (ft)	0.00	0.00	0.00
Min Ch El (ft)	583.25	Shear (lb/sq ft)	0.00	0.00	0.00
Alpha	1.01	Stream Power (lb/ft s)	81597.60	3828.41	26545.56
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	665.07	21.80	204.93
C & E Loss (ft)	0.00	Cum SA (acres)			

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 3936.5*

INPUT
Description:
Station Elevation Data num= 44

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	830.43	684.57	1193.75	669.5	1349.46	667.04	1453.26	666.15
1591.67	664.68	1764.67	667.03	1790.62	667.24	2076.09	657.72	2283.7	651.87
2288.02	651.8	2387.5	655.27	2698.91	662.4	2785.42	664.23	3183.33	650.42
3382.29	650.07	3979.17	640.3	4152.17	640	4277.6	640	4476.56	635.62
4775	635.62	4973.96	622.26	4982.61	622.19	5190.22	618.41	5570.83	615.24
5813.04	614.2	6366.67	611.96	6643.48	611.75	7162.5	611.75	7266.3	611.29
7473.91	610.13	7560.42	609.75	9152.08	609.75	9550	601	9618.75	583.12
9850	583.12	9931.25	60011190.82		609.8611355.53		61011593.88		611.05
11640.38	621.3511996.94		705.79	12210.1	710	12400	714.38		

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	9550	.15	9931.25	.15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
9550 9931.25 45.5 45.5 45.5 .1 .3

CROSS SECTION OUTPUT Profile #PF 1

			Left OB	Channel	Right OB
E.G. Elev (ft)	759.85	Element	0.150	0.150	0.150
Vel Head (ft)	0.00	Wt. n-Val.	45.50	45.50	45.50
W.S. Elev (ft)	759.85	Reach Len. (ft)	1166753.00	66077.65	316550.30
Crit W.S. (ft)		Flow Area (sq ft)	1166753.00	66077.65	316550.30
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	152983.10	10894.51	42346.68
Q Total (cfs)	206224.30	Flow (cfs)	9550.00	381.25	2468.75
Top Width (ft)	12400.00	Top Width (ft)	0.13	0.16	0.13
Vel Total (ft/s)	0.13	Avg. Vel. (ft/s)	122.17	173.32	128.22
Max Chl Dpth (ft)	176.73	Hydr. Depth (ft)	283739100.0	20206140.0	78540770.0
Conv. Total (cfs)	382486000.0	Conv. (cfs)	9592.34	385.27	2525.34
Length Wtd. (ft)	45.50	Wetted Per. (ft)	0.00	0.00	0.00
Min Ch El (ft)	583.12	Shear (lb/sq ft)	0.00	0.00	0.00
Alpha	1.01	Stream Power (lb/ft s)	80381.73	3756.78	26213.24
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	655.12	21.38	202.34
C & E Loss (ft)	0.00	Cum SA (acres)			

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 3891

INPUT
Description:

Station Elevation Data num= 26

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	1200	670	1600	665	1800	668	2300	652
2800	665	3200	650	3400	650	4000	640	4300	640
4500	635	4800	635	5000	620	5600	615	6400	612
7200	612	7600	610	9200	610	9600	600	9650	583
9900	583	9950	600	11200	610	11600	610	12000	710
12400	710								

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	9600	.15	9950	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
9600	9950	448	448	448	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

			Left OB	Channel	Right OB
E.G. Elev (ft)	759.85	Element			
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	448.00	448.00	448.00
Crit W.S. (ft)		Flow Area (sq ft)	1172203.00	61047.23	313380.60
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1172203.00	61047.23	313380.60
Q Total (cfs)	206224.30	Flow (cfs)	154182.70	10106.69	41934.89
Top Width (ft)	12400.00	Top Width (ft)	9600.00	350.00	2450.00
Vel Total (ft/s)	0.13	Avg. Vel. (ft/s)	0.13	0.17	0.13
Max Chl Dpth (ft)	176.85	Hydr. Depth (ft)	122.10	174.42	127.91
Conv. Total (cfs)	381141100.0	Conv. (cfs)	284958500.0	18679050.0	77503510.0
Length Wtd. (ft)	448.00	Wetted Per. (ft)	9642.51	355.62	2512.20
Min Ch El (ft)	583.00	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)	79160.17	3690.38	25884.25
C & E Loss (ft)	0.00	Cum SA (acres)	645.12	21.00	199.77

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 3443

INPUT
Description:
Station Elevation Data num= 25

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	900	670	1300	668	1500	670	1800	670
2200	660	2600	660	2700	668	4800	630	5100	620
5800	616	7200	616	7600	610	9200	610	9600	608
9800	596	10000	596	10050	582	10100	582	10400	600
11200	608	11600	608	11800	620	12000	620	13200	720

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10000	.15	10400	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10000	10400	143	143	143	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

			Left OB	Channel	Right OB
E.G. Elev (ft)	759.85	Element			
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	143.00	143.00	143.00
Crit W.S. (ft)		Flow Area (sq ft)	1224391.00	68089.65	350377.50
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1224391.00	68089.65	350377.50
Q Total (cfs)	206224.30	Flow (cfs)	151934.80	10511.71	43777.83
Top Width (ft)	13200.00	Top Width (ft)	10000.00	400.00	2800.00
Vel Total (ft/s)	0.13	Avg. Vel. (ft/s)	0.12	0.15	0.12
Max Chl Dpth (ft)	177.85	Hydr. Depth (ft)	122.44	170.22	125.13
Conv. Total (cfs)	404782800.0	Conv. (cfs)	298221800.0	20632670.0	85928330.0
Length Wtd. (ft)	143.00	Wetted Per. (ft)	10042.63	402.46	2844.41
Min Ch El (ft)	582.00	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)	66836.09	3026.32	22470.98
C & E Loss (ft)	0.00	Cum SA (acres)	544.33	17.14	172.77

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 3300

INPUT
Description:
Station Elevation Data num= 26

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	900	676	1300	669	1600	673	2200	661
2600	670	2800	670	3700	649	4100	649	5200	620
5700	614	7600	614	8000	608	9200	608	9600	606
10000	600	10200	600	10250	580	10350	580	10400	600
11400	610	11800	610	11900	620	12100	620	12400	660
13200	720								

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10200	.15	10400	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10200	10400	243	243	243	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	243.00	243.00	243.00
Crit W.S. (ft)		Flow Area (sq ft)	1247360.00	34969.81	349077.40
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1247360.00	34969.81	349077.40
Q Total (cfs)	206224.30	Flow (cfs)	156703.50	5451.82	44068.95
Top Width (ft)	13200.00	Top Width (ft)	10200.00	200.00	2800.00
Vel Total (ft/s)	0.13	Avg. Vel. (ft/s)	0.13	0.16	0.13
Max Chl Dpth (ft)	179.85	Hydr. Depth (ft)	122.29	174.85	124.67
Conv. Total (cfs)	399541500.0	Conv. (cfs)	303599300.0	10562430.0	85379720.0
Length Wtd. (ft)	243.00	Wetted Per. (ft)	10241.99	207.70	2845.30
Min Ch El (ft)	580.00	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)	62778.92	2857.16	21322.89
C & E Loss (ft)	0.00	Cum SA (acres)	511.17	16.16	163.58

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 3057

INPUT
Description:
Station Elevation Data num= 26

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	900	676	1300	669	1600	673	2200	661
2600	670	2800	670	3700	649	4100	649	5200	620
5700	614	7600	614	8000	608	9200	608	9600	606
10000	600	10200	600	10250	579	10350	579	10400	600
11600	608	11800	608	11900	620	12300	620	12600	660
13600	720								

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10200	.15	10400	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10200	10400	127	127	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	127.00	127.00	127.00
Crit W.S. (ft)		Flow Area (sq ft)	1247360.00	35119.80	393716.80
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1247360.00	35119.80	393716.80
Q Total (cfs)	206224.30	Flow (cfs)	152781.50	5340.43	48102.39
Top Width (ft)	13600.00	Top Width (ft)	10200.00	200.00	3200.00
Vel Total (ft/s)	0.12	Avg. Vel. (ft/s)	0.12	0.15	0.12
Max Chl Dpth (ft)	180.85	Hydr. Depth (ft)	122.29	175.60	123.04
Conv. Total (cfs)	409797800.0	Conv. (cfs)	303599100.0	10612220.0	95586490.0
Length Wtd. (ft)	127.00	Wetted Per. (ft)	10241.99	208.46	3245.05
Min Ch El (ft)	579.00	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)	55820.50	2661.66	19251.04
C & E Loss (ft)	0.00	Cum SA (acres)	454.27	15.04	146.84

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 2930

INPUT
Description:
Station Elevation Data num= 25

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	900	676	1300	669	1600	673	2200	661
2600	670	2800	670	3700	649	4100	649	5200	620
5700	614	7600	614	8000	608	9200	608	9600	606
10000	600	10200	600	10250	578	10350	578	10400	600
11600	610	12000	620	12300	620	12600	660	13600	720

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10200	.15	10400	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10200	10400	242.06 242.06	242.06	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	242.06	242.06	242.06
Crit W.S. (ft)		Flow Area (sq ft)	1247359.00	35269.79	391516.60
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1247359.00	35269.79	391516.60
Q Total (cfs)	206224.30	Flow (cfs)	153091.00	5375.82	47757.47
Top Width (ft)	13600.00	Top Width (ft)	10200.00	200.00	3200.00
Vel Total (ft/s)	0.12	Avg. Vel. (ft/s)	0.12	0.15	0.12
Max Chl Dpth (ft)	181.85	Hydr. Depth (ft)	122.29	176.35	122.35
Conv. Total (cfs)	408969000.0	Conv. (cfs)	303598900.0	10660940.0	94709120.0
Length Wtd. (ft)	242.06	Wetted Per. (ft)	10241.99	209.25	3244.47
Min Ch El (ft)	578.00	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)	52183.80	2559.05	18106.36
C & E Loss (ft)	0.00	Cum SA (acres)	424.54	14.46	137.51

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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: 2688

INPUT
Description:
Station Elevation Data num= 25

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	900	676	1300	669	1600	673	2200	661
2600	670	2800	670	3700	649	4100	649	5200	620
5700	614	7600	614	8000	608	9200	608	9600	606
10000	600	10300	600	10350	577	10400	577	10600	600
12000	610	12200	620	12500	620	13000	660	14000	720

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10300	.15	10600	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10300	10600	239.04	239.04	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	239.04	239.04	239.04
Crit W.S. (ft)		Flow Area (sq ft)	1263343.00	51979.66	417486.20
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1263343.00	51979.66	417486.20
Q Total (cfs)	206224.30	Flow (cfs)	149435.50	7654.09	49134.71
Top Width (ft)	14000.00	Top Width (ft)	10300.00	300.00	3400.00
Vel Total (ft/s)	0.12	Avg. Vel. (ft/s)	0.12	0.15	0.12
Max Chl Dpth (ft)	182.85	Hydr. Depth (ft)	122.65	173.27	122.79
Conv. Total (cfs)	425196400.0	Conv. (cfs)	308108400.0	15781330.0	101306700.0
Length Wtd. (ft)	239.04	Wetted Per. (ft)	10341.99	306.35	3443.53
Min Ch El (ft)	577.00	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)	45207.90	2316.63	15858.57
C & E Loss (ft)	0.00	Cum SA (acres)	367.58	13.07	119.18

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 2449

INPUT
Description:
Station Elevation Data num= 24

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	900	676	1300	669	1600	673	2200	661
2600	670	2800	670	3700	649	4100	649	5200	620
5700	614	7600	614	8000	608	9200	608	9600	606
10000	600	10300	600	10350	576	10400	576	10600	600
12200	610	12800	640	13000	640	13600	690		

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10300	.15	10600	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10300	10600	252.96	252.96	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	252.96	252.96	252.96
Crit W.S. (ft)		Flow Area (sq ft)	1263343.00	52154.64	409546.40
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1263343.00	52154.64	409546.40
Q Total (cfs)	206224.30	Flow (cfs)	147828.40	7605.35	50790.55
Top Width (ft)	13600.00	Top Width (ft)	10300.00	300.00	3000.00
Vel Total (ft/s)	0.12	Avg. Vel. (ft/s)	0.12	0.15	0.12
Max Chl Dpth (ft)	183.85	Hydr. Depth (ft)	122.65	173.85	136.52
Conv. Total (cfs)	429818500.0	Conv. (cfs)	308108100.0	15851280.0	105859100.0
Length Wtd. (ft)	252.96	Wetted Per. (ft)	10341.99	306.90	3072.71
Min Ch El (ft)	576.00	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)	38275.18	2030.90	13589.36
C & E Loss (ft)	0.00	Cum SA (acres)	311.05	11.43	101.62

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 2196

INPUT
Description:
Station Elevation Data num= 25

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	900	676	1300	669	1600	673	2200	661
2600	670	2800	670	3700	649	4100	649	5200	620
5700	614	7600	614	8000	608	9200	608	9600	606
10000	600	10300	600	10350	575	10400	575	10600	600
12200	610	12800	650	13000	645	13200	645	13600	690

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Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10300     .15   10600     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         10300   10600             62.5    62.5    62.5             .1       .3

CROSS SECTION OUTPUT  Profile #PF 1

  E.G. Elev (ft)            759.85    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)            759.85    Reach Len. (ft)            62.50      62.50      62.50
  Crit W.S. (ft)                      Flow Area (sq ft)       1263342.00   52329.63   408046.30
  E.G. Slope (ft/ft)       0.000000   Area (sq ft)            1263342.00   52329.63   408046.30
  Q Total (cfs)            206224.30   Flow (cfs)              148035.40    7649.30    50539.63
  Top Width (ft)           13600.00   Top Width (ft)          10300.00     300.00     3000.00
  Vel Total (ft/s)            0.12    Avg. Vel. (ft/s)            0.12       0.15       0.12
  Max Chl Dpth (ft)         184.85    Hydr. Depth (ft)          122.65     174.43     136.02
  Conv. Total (cfs)       429217300.0    Conv. (cfs)           308107900.0   15920590.0   105188800.0
  Length Wtd. (ft)           62.50    Wetted Per. (ft)        10341.99     307.46     3073.80
  Min Ch El (ft)            575.00    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)    30938.74    1727.52   11215.42
  C & E Loss (ft)             0.00    Cum SA (acres)            251.24       9.68      84.20

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 2133.5*

INPUT
Description:
Station Elevation Data    num=      49
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720  587.26  688.62  906.55  676.18  978.77  675.06 1272.41  671.73
 1309.47   671.1 1611.65  672.89 1957.55  666.35  2153.3  664.18 2216.02  663.25
 2618.93     670 2740.57     670 2820.39  669.59 3719.34  649.38 3726.94  649.25
 4129.85  649.25 4404.48  643.86 4502.36  639.44 4698.11   635.6 5089.62  622.91
 5237.86  619.68  5741.5  614.07 5774.76     614 7634.43     614 7655.34  614.05
 7732.31  613.39 8058.25  609.75  8221.7  609.75  8221.7   608.5 9004.72   608.5
 9266.99  607.72 9591.98  605.54  9669.9  604.95 9787.74  603.1810072.82     600
   10375     600 10437.5  574.75   10500  574.75   10700    60012067.65   608.7
12341.18  609.9412353.33  610.3312705.88  637.0612888.24  648.3812973.33   652.5
   13180  648.7513252.94  648.7513386.67  650.89   13800  691.25

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10375     .15   10700     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         10375   10700             62.5    62.5    62.5             .1       .3

CROSS SECTION OUTPUT  Profile #PF 1

  E.G. Elev (ft)            759.85    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)            759.85    Reach Len. (ft)            62.50      62.50      62.50
  Crit W.S. (ft)                      Flow Area (sq ft)       1271163.00   56843.03   416417.10
  E.G. Slope (ft/ft)       0.000000   Area (sq ft)            1271163.00   56843.03   416417.10
  Q Total (cfs)            206224.30   Flow (cfs)              147296.50    8264.05    50663.79
  Top Width (ft)           13800.00   Top Width (ft)          10375.00     325.00     3100.00
  Vel Total (ft/s)            0.12    Avg. Vel. (ft/s)            0.12       0.15       0.12
  Max Chl Dpth (ft)         185.10    Hydr. Depth (ft)          122.52     174.90     134.33
  Conv. Total (cfs)       433705000.0    Conv. (cfs)           309775400.0   17379910.0   106549700.0
  Length Wtd. (ft)           62.50    Wetted Per. (ft)        10418.11     331.50     3172.12
  Min Ch El (ft)            574.75    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)    29120.48    1649.20   10623.94
  C & E Loss (ft)             0.00    Cum SA (acres)            236.41       9.24      79.82

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 2071.*

INPUT
Description:
Station Elevation Data    num=      49
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720  591.51  685.75  913.11  676.37  985.85  675.37  1281.6  673.82
 1318.93   673.2  1623.3  672.78  1971.7  666.57 2168.87  666.12 2232.04   665.5
 2637.86     670 2760.38     670 2840.78  669.18 3746.23  649.59 3753.88   649.5
 4159.71   649.5 4436.32  645.91 4534.91  639.63 4732.08  637.06 5126.42  621.94
 5275.73  619.35 5783.01  614.15 5816.51     614 7689.62     614 7710.68  614.11
 7788.21  613.93  8116.5   611.5 8281.13   611.5 8281.13     609 9069.81     609
 9333.98  607.44 9661.32  604.69 9739.81   603.9 9858.49  602.1210145.63     600
   10450     600   10525   574.5   10600   574.5   10800    60012211.76  609.14
12494.12  609.9612506.67  610.6712870.59  641.3713058.82  652.2513146.67     655
   13360  652.513435.29   652.513573.33  656.78   14000   692.5

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10450     .15   10800     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         10450   10800             62.5    62.5    62.5             .1       .3
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CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB	
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150	
W.S. Elev (ft)	759.85	Reach Len. (ft)	62.50	62.50	62.50	
Crit W.S. (ft)		Flow Area (sq ft)	1278957.00	61365.81	424438.70	
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1278957.00	61365.81	424438.70	
Q Total (cfs)	206224.30	Flow (cfs)	146618.50	8867.05	50738.69	
Top Width (ft)	14000.00	Top Width (ft)	10450.00	350.00	3200.00	
Vel Total (ft/s)	0.12	Avg. Vel. (ft/s)	0.11	0.14	0.12	
Max Chl Dpth (ft)	185.35	Hydr. Depth (ft)	122.39	175.33	132.64	
Conv. Total (cfs)	438035300.0	Conv. (cfs)	311428400.0	18834260.0	107772600.0	
Length Wtd. (ft)	62.50	Wetted Per. (ft)	10494.42	355.84	3270.62	
Min Ch El (ft)	574.50	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)	27291.02	1564.40	10020.71	
C & E Loss (ft)	0.00	Cum SA (acres)	221.47	8.75	75.30	

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 2008.5*

INPUT
Description:
Station Elevation Data num= 49

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	595.75	682.87	919.66	676.55	992.92	675.69	1290.8	675.91
1328.4	675.3	1634.95	672.67	1985.85	666.78	2184.43	668.06	2248.06	667.75
2656.8	670	2780.19	670	2861.17	668.78	3773.11	649.79	3780.83	649.75
4189.56	649.75	4468.16	647.95	4567.45	639.81	4766.04	638.53	5163.21	620.97
5313.59	619.03	5824.51	614.22	5858.25	614	7744.81	614	7766.02	614.16
7844.1	614.46	8174.76	613.25	8340.57	613.25	8340.57	609.5	9134.91	609.5
9400.97	607.16	9730.66	603.85	9809.71	602.85	9929.25	601.06	10218.45	600
10525	600	10612.5	574.25	10700	574.25	10900	600	12355.88	609.57
12647.06	609.98	12660	611	13035.29	645.69	13229.41	656.13	13320	657.5
13540	656.25	13617.65	656.25	13760	662.67	14200	693.75		

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10525	.15	10900	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10525	10900	62.5	62.5	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB	
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150	
W.S. Elev (ft)	759.85	Reach Len. (ft)	62.50	62.50	62.50	
Crit W.S. (ft)		Flow Area (sq ft)	1286740.00	65897.97	432128.60	
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1286740.00	65897.97	432128.60	
Q Total (cfs)	206224.30	Flow (cfs)	145995.50	9460.62	50768.18	
Top Width (ft)	14200.00	Top Width (ft)	10525.00	375.00	3300.00	
Vel Total (ft/s)	0.12	Avg. Vel. (ft/s)	0.11	0.14	0.12	
Max Chl Dpth (ft)	185.60	Hydr. Depth (ft)	122.26	175.73	130.95	
Conv. Total (cfs)	442228500.0	Conv. (cfs)	313073600.0	20287410.0	108867600.0	
Length Wtd. (ft)	62.50	Wetted Per. (ft)	10570.92	380.36	3369.31	
Min Ch El (ft)	574.25	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)	25450.39	1473.10	9406.21	
C & E Loss (ft)	0.00	Cum SA (acres)	206.42	8.23	70.64	

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1946

INPUT
Description:
Station Elevation Data num= 30

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	574	10800	574	11000	600	12500	610
12800	610	13200	650	13400	660	13800	660	14400	695

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10600	11000	4.95	4.95	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB	
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150	
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95	
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70439.50	439485.80	
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70439.50	439485.80	
Q Total (cfs)	206224.30	Flow (cfs)	145423.10	10046.57	50754.66	
Top Width (ft)	14400.00	Top Width (ft)	10600.00	400.00	3400.00	
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12	
Max Chl Dpth (ft)	185.85	Hydr. Depth (ft)	122.12	176.10	129.26	
Conv. Total (cfs)	446283400.0	Conv. (cfs)	314705400.0	21741470.0	109836600.0	

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Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.01	3468.15
Min Ch El (ft)	574.00	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)	23598.61	1375.29	8780.91
C & E Loss (ft)	0.00	Cum SA (acres)	191.27	7.67	65.83

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1941.04*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	573.98	10800	573.98	11000	60012500.54		609.96
12800.65	609.9813137.92		643.3	13200.8	649.6713332.28		656.4913400.87		659.91
13720.99	660.0613801.02		660.0414012.52		672.1814206.88		683.3714401.23		695

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

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

Left	Right	Left	Channel	Right		
10600	11000		4.95	4.95	4.95	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70444.51	439898.90
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70444.51	439898.90
Q Total (cfs)	206224.30	Flow (cfs)	145374.60	10044.29	50805.46
Top Width (ft)	14401.23	Top Width (ft)	10600.00	400.00	3401.23
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12
Max Chl Dpth (ft)	185.87	Hydr. Depth (ft)	122.12	176.11	129.34
Conv. Total (cfs)	446432300.0	Conv. (cfs)	314705400.0	21743770.0	109983200.0
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.02	3469.36
Min Ch El (ft)	573.98	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)	23451.50	1367.29	8730.95
C & E Loss (ft)	0.00	Cum SA (acres)	190.06	7.63	65.44

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1936.09*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	573.95	10800	573.95	11000	60012501.09		609.93
12801.31	609.9613138.69		642.88	13201.6	649.3313333.12		656.4113401.74		659.82
13721.98	660.1213802.03		660.0914013.62		672.0314208.04		683.0814402.47		695

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

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

Left	Right	Left	Channel	Right		
10600	11000		4.95	4.95	4.95	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70452.00	440302.50
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70452.00	440302.50
Q Total (cfs)	206224.30	Flow (cfs)	145327.10	10042.60	50854.63
Top Width (ft)	14402.47	Top Width (ft)	10600.00	400.00	3402.47
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12
Max Chl Dpth (ft)	185.90	Hydr. Depth (ft)	122.12	176.13	129.41
Conv. Total (cfs)	446578200.0	Conv. (cfs)	314705400.0	21747220.0	110125600.0
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.03	3470.57
Min Ch El (ft)	573.95	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)	23304.40	1359.28	8680.94
C & E Loss (ft)	0.00	Cum SA (acres)	188.86	7.58	65.06

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1931.14*

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INPUT
Description:
Station Elevation Data    num=      35
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720     600     680    1000     676    1300     678    2000     667
    2200     670    2800     670    3800     650    4500     650    4600     640
    4800     640    5200     620    5900     614    7800     614    7900     615
    8400     615    8400     610    9200     610    9800     603   10000     600
   10600     600   10700  573.93   10800  573.93   11000   60012501.63  609.89
12801.96  609.9413139.47  642.47 13202.4     64913333.97  656.3313402.61  659.73
13722.96  660.1913803.05  660.1314014.71  671.8814209.21  682.79 14403.7     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10600     .15   11000     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         10600   11000             4.95    4.95    4.95            .1       .3

CROSS SECTION OUTPUT  Profile #PF 1

  E.G. Elev (ft)            759.85    Element                 Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            759.85    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1294497.00   70457.00   440711.10
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1294497.00   70457.00   440711.10
  Q Total (cfs)           206224.30     Flow (cfs)             145279.30   10040.35   50904.71
  Top Width (ft)          14403.70    Top Width (ft)          10600.00     400.00    3403.70
  Vel Total (ft/s)            0.11    Avg. Vel. (ft/s)            0.11       0.14       0.12
  Max Chl Dpth (ft)         185.92    Hydr. Depth (ft)          122.12     176.14     129.48
  Conv. Total (cfs)       446725200.0     Conv. (cfs)           314705400.0   21749520.0   110270300.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10647.61     405.03    3471.79
  Min Ch El (ft)            573.93    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)    23157.30    1351.28    8630.88
  C & E Loss (ft)             0.00    Cum SA (acres)            187.65       7.54      64.67


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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 1926.19*

INPUT
Description:
Station Elevation Data    num=      35
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720     600     680    1000     676    1300     678    2000     667
    2200     670    2800     670    3800     650    4500     650    4600     640
    4800     640    5200     620    5900     614    7800     614    7900     615
    8400     615    8400     610    9200     610    9800     603   10000     600
   10600     600   10700   573.9   10800   573.9   11000   60012502.18  609.85
12802.61  609.9213140.25  642.05 13203.2  648.6613334.82  656.2513403.49  659.64
13723.95  660.2513804.07  660.18 14015.8  671.7214210.37   682.514404.94     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10600     .15   11000     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         10600   11000             4.95    4.95    4.95            .1       .3

CROSS SECTION OUTPUT  Profile #PF 1

  E.G. Elev (ft)            759.85    Element                 Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            759.85    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1294497.00   70464.50   441126.30
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1294497.00   70464.50   441126.30
  Q Total (cfs)           206224.30     Flow (cfs)             145230.30   10038.56   50955.49
  Top Width (ft)          14404.94    Top Width (ft)          10600.00     400.00    3404.94
  Vel Total (ft/s)            0.11    Avg. Vel. (ft/s)            0.11       0.14       0.12
  Max Chl Dpth (ft)         185.95    Hydr. Depth (ft)          122.12     176.16     129.55
  Conv. Total (cfs)       446875900.0     Conv. (cfs)           314705400.0   21752960.0   110417500.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10647.61     405.05    3473.01
  Min Ch El (ft)            573.90    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)    23010.20    1343.27    8580.78
  C & E Loss (ft)             0.00    Cum SA (acres)            186.45       7.49      64.28


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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 1921.24*

INPUT
Description:
Station Elevation Data    num=      35
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720     600     680    1000     676    1300     678    2000     667
    2200     670    2800     670    3800     650    4500     650    4600     640
    4800     640    5200     620    5900     614    7800     614    7900     615
    8400     615    8400     610    9200     610    9800     603   10000     600
   10600     600   10700  573.88   10800  573.88   11000   60012502.72  609.82
12803.27   609.913141.02  641.6313203.99  648.3313335.66  656.1713404.36  659.55
13724.94  660.3113805.08  660.22 14016.9  671.5714211.53  682.2114406.17     695

Manning's n Values        num=       3
```

```
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10600     .15   11000     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
          10600   11000             4.95    4.95    4.95            .1       .3

CROSS SECTION OUTPUT  Profile #PF 1

  E.G. Elev (ft)            759.85    Element                 Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            759.85    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1294497.00   70469.50   441529.90
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1294497.00   70469.50   441529.90
  Q Total (cfs)           206224.30    Flow (cfs)              145183.20   10036.36   51004.78
  Top Width (ft)          14406.17    Top Width (ft)          10600.00     400.00    3406.17
  Vel Total (ft/s)            0.11    Avg. Vel. (ft/s)            0.11       0.14       0.12
  Max Chl Dpth (ft)         185.97    Hydr. Depth (ft)          122.12     176.17     129.63
  Conv. Total (cfs)       447020900.0    Conv. (cfs)           314705400.0   21755260.0   110560200.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10647.61     405.05    3474.23
  Min Ch El (ft)            573.88    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)    22863.10    1335.26    8530.62
  C & E Loss (ft)             0.00    Cum SA (acres)            185.24       7.45      63.90

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                RS: 1916.29*

INPUT
Description:
Station Elevation Data    num=      35
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720     600     680    1000     676    1300     678    2000     667
    2200     670    2800     670    3800     650    4500     650    4600     640
    4800     640    5200     620    5900     614    7800     614    7900     615
    8400     615    8400     610    9200     610    9800     603   10000     600
   10600     600   10700  573.85   10800  573.85   11000     60012503.27  609.78
12803.92  609.88 13141.8  641.2213204.79     64813336.51  656.0813405.23  659.46
13725.93  660.37 13806.1  660.2714017.99  671.42 14212.7  681.9114407.41     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10600     .15   11000     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
          10600   11000             4.95    4.95    4.95            .1       .3

CROSS SECTION OUTPUT  Profile #PF 1

  E.G. Elev (ft)            759.85    Element                 Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            759.85    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1294497.00   70477.01   441943.30
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1294497.00   70477.01   441943.30
  Q Total (cfs)           206224.30    Flow (cfs)              145134.50   10034.59   51055.25
  Top Width (ft)          14407.41    Top Width (ft)          10600.00     400.00    3407.41
  Vel Total (ft/s)            0.11    Avg. Vel. (ft/s)            0.11       0.14       0.12
  Max Chl Dpth (ft)         186.00    Hydr. Depth (ft)          122.12     176.19     129.70
  Conv. Total (cfs)       447170800.0    Conv. (cfs)           314705400.0   21758720.0   110706700.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10647.61     405.06    3475.45
  Min Ch El (ft)            573.85    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)    22716.00    1327.25    8480.43
  C & E Loss (ft)             0.00    Cum SA (acres)            184.04       7.40      63.51

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                RS: 1911.34*

INPUT
Description:
Station Elevation Data    num=      35
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720     600     680    1000     676    1300     678    2000     667
    2200     670    2800     670    3800     650    4500     650    4600     640
    4800     640    5200     620    5900     614    7800     614    7900     615
    8400     615    8400     610    9200     610    9800     603   10000     600
   10600     600   10700  573.83   10800  573.83   11000     60012503.81  609.74
12804.58  609.8613142.57   640.813205.59  647.6613337.35     656 13406.1  659.36
13726.91  660.4313807.12  660.3114019.08  671.2714213.86  681.6214408.64     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10600     .15   11000     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
          10600   11000             4.95    4.95    4.95            .1       .3

CROSS SECTION OUTPUT  Profile #PF 1

  E.G. Elev (ft)            759.85    Element                 Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            759.85    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1294497.00   70482.00   442359.50
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1294497.00   70482.00   442359.50
  Q Total (cfs)           206224.30    Flow (cfs)              145085.70   10032.28   51106.29
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Top Width (ft)	14408.64	Top Width (ft)	10600.00	400.00	3408.64	
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12	
Max Chl Dpth (ft)	186.02	Hydr. Depth (ft)	122.12	176.21	129.78	
Conv. Total (cfs)	447321100.0	Conv. (cfs)	314705400.0	21761010.0	110854600.0	
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.07	3476.67	
Min Ch El (ft)	573.83	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)	22568.89	1319.24	8430.18	
C & E Loss (ft)	0.00	Cum SA (acres)	182.83	7.36	63.12	

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1906.39*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	573.8	10800	573.8	11000	60012504.36		609.71
12805.23	609.8413143.35		640.3813206.39		647.33 13338.2		655.9213406.97		659.27
13727.9	660.4913808.13		660.3614020.18		671.1214215.03		681.3314409.88		695

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
10600 11000 4.95 4.95 4.95 .1 .3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70489.51	442763.30
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70489.51	442763.30
Q Total (cfs)	206224.30	Flow (cfs)	145038.40	10030.60	51155.30
Top Width (ft)	14409.88	Top Width (ft)	10600.00	400.00	3409.88
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12
Max Chl Dpth (ft)	186.05	Hydr. Depth (ft)	122.12	176.22	129.85
Conv. Total (cfs)	447467000.0	Conv. (cfs)	314705400.0	21764460.0	110997100.0
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.08	3477.90
Min Ch El (ft)	573.80	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)	22421.79	1311.23	8379.89
C & E Loss (ft)	0.00	Cum SA (acres)	181.63	7.31	62.73

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1901.44*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	573.78	10800	573.78	11000	600 12504.9		609.67
12805.88	609.8213144.13		639.9713207.19		646.9913339.05		655.8413407.84		659.18
13728.89	660.5613809.15		660.414021.27		670.9614216.19		681.0414411.11		695

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
10600 11000 4.95 4.95 4.95 .1 .3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70494.49	443176.00
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70494.49	443176.00
Q Total (cfs)	206224.30	Flow (cfs)	144990.20	10028.32	51205.76
Top Width (ft)	14411.11	Top Width (ft)	10600.00	400.00	3411.11
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12
Max Chl Dpth (ft)	186.07	Hydr. Depth (ft)	122.12	176.24	129.92
Conv. Total (cfs)	447615700.0	Conv. (cfs)	314705400.0	21766750.0	111143600.0
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.09	3479.12
Min Ch El (ft)	573.78	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)	22274.69	1303.22	8329.55
C & E Loss (ft)	0.00	Cum SA (acres)	180.43	7.27	62.35

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: 1896.49*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	573.75	10800	573.75	11000	60012505.45	609.63	
12806.54	609.81	13144.9	639.5513207.99		646.6613339.89		655.7613408.71	659.09	
13729.88	660.6213810.17		660.4514022.36		670.8114217.35		680.7414412.35	695	

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10600	11000	4.95	4.95	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70502.00	443587.70
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70502.00	443587.70
Q Total (cfs)	206224.30	Flow (cfs)	144941.90	10026.56	51255.85
Top Width (ft)	14412.35	Top Width (ft)	10600.00	400.00	3412.35
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12
Max Chl Dpth (ft)	186.10	Hydr. Depth (ft)	122.12	176.26	129.99
Conv. Total (cfs)	447765000.0	Conv. (cfs)	314705400.0	21770200.0	111289400.0
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.10	3480.36
Min Ch El (ft)	573.75	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)	22127.59	1295.21	8279.17
C & E Loss (ft)	0.00	Cum SA (acres)	179.22	7.22	61.96

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1891.54*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	573.73	10800	573.73	11000	60012505.99	609.6	
12807.19	609.7913145.68		639.1413208.79		646.3313340.74		655.6813409.59	659	
13730.86	660.6813811.18		660.4914023.46		670.6614218.52		680.4514413.58	695	

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10600	11000	4.95	4.95	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70507.01	443990.90
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70507.01	443990.90
Q Total (cfs)	206224.30	Flow (cfs)	144895.00	10024.38	51304.89
Top Width (ft)	14413.58	Top Width (ft)	10600.00	400.00	3413.58
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12
Max Chl Dpth (ft)	186.12	Hydr. Depth (ft)	122.12	176.27	130.07
Conv. Total (cfs)	447909800.0	Conv. (cfs)	314705400.0	21772510.0	111431900.0
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.11	3481.58
Min Ch El (ft)	573.73	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)	21980.49	1287.20	8228.74
C & E Loss (ft)	0.00	Cum SA (acres)	178.02	7.17	61.57

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1886.59*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	573.7	10800	573.7	11000	60012506.54	609.56	

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12807.84  609.7713146.46  638.7213209.59  645.9913341.59   655.613410.46  658.91
13731.85  660.74 13812.2  660.5414024.55  670.5114219.68  680.1614414.81     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10600     .15   11000     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         10600   11000             4.95    4.95    4.95             .1      .3

CROSS SECTION OUTPUT  Profile #PF 1

  E.G. Elev (ft)            759.85    Element                 Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            759.85    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1294497.00   70514.50   444404.50
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1294497.00   70514.50   444404.50
  Q Total (cfs)           206224.30    Flow (cfs)              144846.40   10022.61   51355.27
  Top Width (ft)          14414.81    Top Width (ft)          10600.00     400.00    3414.81
  Vel Total (ft/s)            0.11    Avg. Vel. (ft/s)            0.11       0.14       0.12
  Max Chl Dpth (ft)         186.15    Hydr. Depth (ft)          122.12     176.29     130.14
  Conv. Total (cfs)       448060100.0    Conv. (cfs)           314705400.0   21775950.0   111578700.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10647.61     405.12    3482.81
  Min Ch El (ft)            573.70    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)    21833.39    1279.19    8178.26
  C & E Loss (ft)             0.00    Cum SA (acres)            176.81       7.13      61.18

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 1881.64*

INPUT
Description:
Station Elevation Data    num=      35
     Sta    Elev     Sta     Elev     Sta     Elev     Sta     Elev     Sta     Elev
       0     720     600      680    1000      676    1300      678    2000      667
    2200     670    2800      670    3800      650    4500      650    4600      640
    4800     640    5200      620    5900      614    7800      614    7900      615
    8400     615    8400      610    9200      610    9800      603   10000      600
   10600     600   10700   573.68   10800   573.68   11000    60012507.08  609.52
 12808.5  609.7513147.23   638.313210.38  645.6613342.43  655.5213411.33  658.82
13732.84   660.813813.22  660.5814025.64  670.3514220.85  679.8714416.05     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10600     .15   11000     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         10600   11000             4.95    4.95    4.95             .1      .3

CROSS SECTION OUTPUT  Profile #PF 1

  E.G. Elev (ft)            759.85    Element                 Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            759.85    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1294497.00   70519.50   444821.60
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1294497.00   70519.50   444821.60
  Q Total (cfs)           206224.30    Flow (cfs)              144797.80   10020.30   51406.15
  Top Width (ft)          14416.05    Top Width (ft)          10600.00     400.00    3416.05
  Vel Total (ft/s)            0.11    Avg. Vel. (ft/s)            0.11       0.14       0.12
  Max Chl Dpth (ft)         186.17    Hydr. Depth (ft)          122.12     176.30     130.22
  Conv. Total (cfs)       448210400.0    Conv. (cfs)           314705400.0   21778250.0   111726800.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10647.61     405.13    3484.05
  Min Ch El (ft)            573.68    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)    21686.29    1271.17    8127.74
  C & E Loss (ft)             0.00    Cum SA (acres)            175.61       7.08      60.80

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 1876.69*

INPUT
Description:
Station Elevation Data    num=      35
     Sta    Elev     Sta     Elev     Sta     Elev     Sta     Elev     Sta     Elev
       0     720     600      680    1000      676    1300      678    2000      667
    2200     670    2800      670    3800      650    4500      650    4600      640
    4800     640    5200      620    5900      614    7800      614    7900      615
    8400     615    8400      610    9200      610    9800      603   10000      600
   10600     600   10700   573.65   10800   573.65   11000    60012507.62  609.48
12809.15  609.7313148.01  637.8913211.18  645.3213343.28  655.44 13412.2  658.73
13733.83  660.8613814.23  660.6314026.74   670.214222.01  679.5814417.28     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10600     .15   11000     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         10600   11000             4.95    4.95    4.95             .1      .3

CROSS SECTION OUTPUT  Profile #PF 1

  E.G. Elev (ft)            759.85    Element                 Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
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W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95	
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70527.00	445233.70	
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70527.00	445233.70	
Q Total (cfs)	206224.30	Flow (cfs)	144749.50	10018.54	51456.24	
Top Width (ft)	14417.28	Top Width (ft)	10600.00	400.00	3417.28	
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12	
Max Chl Dpth (ft)	186.20	Hydr. Depth (ft)	122.12	176.32	130.29	
Conv. Total (cfs)	448360100.0	Conv. (cfs)	314705400.0	21781690.0	111873000.0	
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.14	3485.28	
Min Ch El (ft)	573.65	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)	21539.18	1263.16	8077.17	
C & E Loss (ft)	0.00	Cum SA (acres)	174.40	7.04	60.41	

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1871.74*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	573.63	10800	573.63	11000	60012508.17		609.45
12809.8	609.7113148.78		637.4713211.98		644.9913344.13		655.3513413.07		658.64
13734.81	660.9313815.25		660.6714027.83		670.0514223.17		679.2814418.52		695

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
10600 11000 4.95 4.95 4.95 .1 .3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70532.00	445640.90
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70532.00	445640.90
Q Total (cfs)	206224.30	Flow (cfs)	144702.30	10016.33	51505.64
Top Width (ft)	14418.52	Top Width (ft)	10600.00	400.00	3418.52
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12
Max Chl Dpth (ft)	186.22	Hydr. Depth (ft)	122.12	176.33	130.36
Conv. Total (cfs)	448506300.0	Conv. (cfs)	314705400.0	21783990.0	112016900.0
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.15	3486.53
Min Ch El (ft)	573.63	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)	21392.08	1255.15	8026.55
C & E Loss (ft)	0.00	Cum SA (acres)	173.20	6.99	60.02

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1866.79*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	573.6	10800	573.6	11000	60012508.71		609.41
12810.46	609.6913149.56		637.0513212.78		644.6613344.97		655.2713413.94		658.55
13735.8	660.9913816.27		660.7214028.92		669.914224.34		678.9914419.75		695

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
10600 11000 4.95 4.95 4.95 .1 .3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70539.51	446054.60
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70539.51	446054.60
Q Total (cfs)	206224.30	Flow (cfs)	144653.80	10014.56	51555.89
Top Width (ft)	14419.75	Top Width (ft)	10600.00	400.00	3419.75
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12
Max Chl Dpth (ft)	186.25	Hydr. Depth (ft)	122.12	176.35	130.43
Conv. Total (cfs)	448656600.0	Conv. (cfs)	314705400.0	21787440.0	112163800.0
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.16	3487.76
Min Ch El (ft)	573.60	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)	21244.98	1247.13	7975.88
C & E Loss (ft)	0.00	Cum SA (acres)	171.99	6.95	59.63

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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: 1861.83*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	573.58	10800	573.58	11000	60012509.26		609.37
12811.11	609.6713150.33		636.6413213.58		644.3213345.82		655.1913414.81		658.46
13736.79	661.0513817.28		660.7614030.02		669.74 14225.5		678.714420.99		695

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
10600 11000 4.95 4.95 4.95 .1 .3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element		Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.		0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)		4.95	4.95	4.95
Crit W.S. (ft)		Flow Area (sq ft)		1294497.00	70544.50	446471.30
E.G. Slope (ft/ft)	0.000000	Area (sq ft)		1294497.00	70544.50	446471.30
Q Total (cfs)	206224.30	Flow (cfs)		144605.40	10012.26	51606.60
Top Width (ft)	14420.99	Top Width (ft)		10600.00	400.00	3420.99
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)		0.11	0.14	0.12
Max Chl Dpth (ft)	186.27	Hydr. Depth (ft)		122.12	176.36	130.51
Conv. Total (cfs)	448806800.0	Conv. (cfs)		314705400.0	21789730.0	112311700.0
Length Wtd. (ft)	4.95	Wetted Per. (ft)		10647.61	405.17	3489.01
Min Ch El (ft)	573.58	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)		21097.88	1239.11	7925.17
C & E Loss (ft)	0.00	Cum SA (acres)		170.79	6.90	59.24

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1856.88*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	573.56	10800	573.56	11000	600 12509.8		609.34
12811.76	609.6513151.11		636.2213214.38		643.9913346.67		655.1113415.69		658.37
13737.78	661.11 13818.3		660.8114031.11		669.5914226.67		678.4114422.22		695

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
10600 11000 4.95 4.95 4.95 .1 .3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element		Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.		0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)		4.95	4.95	4.95
Crit W.S. (ft)		Flow Area (sq ft)		1294497.00	70549.50	446876.10
E.G. Slope (ft/ft)	0.000000	Area (sq ft)		1294497.00	70549.50	446876.10
Q Total (cfs)	206224.30	Flow (cfs)		144558.60	10010.08	51655.64
Top Width (ft)	14422.22	Top Width (ft)		10600.00	400.00	3422.22
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)		0.11	0.14	0.12
Max Chl Dpth (ft)	186.29	Hydr. Depth (ft)		122.12	176.37	130.58
Conv. Total (cfs)	448952300.0	Conv. (cfs)		314705400.0	21792030.0	112454800.0
Length Wtd. (ft)	4.95	Wetted Per. (ft)		10647.61	405.18	3490.25
Min Ch El (ft)	573.56	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)		20950.78	1231.10	7874.41
C & E Loss (ft)	0.00	Cum SA (acres)		169.58	6.86	58.85

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1851.93*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667

```
    2200     670    2800     670    3800     650    4500     650    4600     640
    4800     640    5200     620    5900     614    7800     614    7900     615
    8400     615    8400     610    9200     610    9800     603   10000     600
   10600     600   10700  573.53   10800  573.53   11000     60012510.35   609.3
12812.42  609.6313151.89  635.8113215.18  643.6513347.51  655.0313416.56  658.28
13738.77  661.1713819.32  660.8514032.21  669.4414227.83  678.1214423.46     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10600     .15   11000     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         10600   11000             4.95    4.95    4.95            .1       .3

CROSS SECTION OUTPUT  Profile #PF 1

  E.G. Elev (ft)            759.85    Element                 Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            759.85    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1294497.00   70556.99   447291.50
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1294497.00   70556.99   447291.50
  Q Total (cfs)           206224.30     Flow (cfs)             144510.00   10008.29   51705.96
  Top Width (ft)          14423.46    Top Width (ft)          10600.00     400.00    3423.46
  Vel Total (ft/s)            0.11    Avg. Vel. (ft/s)           0.11       0.14       0.12
  Max Chl Dpth (ft)         186.32    Hydr. Depth (ft)         122.12     176.39     130.65
  Conv. Total (cfs)       449103100.0     Conv. (cfs)          314705400.0   21795470.0   112602200.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10647.61     405.19    3491.50
  Min Ch El (ft)            573.53    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)    20803.68    1223.08    7823.61
  C & E Loss (ft)             0.00    Cum SA (acres)            168.38       6.81      58.46


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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 1846.98*

INPUT
Description:
Station Elevation Data    num=      35
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720     600     680    1000     676    1300     678    2000     667
    2200     670    2800     670    3800     650    4500     650    4600     640
    4800     640    5200     620    5900     614    7800     614    7900     615
    8400     615    8400     610    9200     610    9800     603   10000     600
   10600     600   10700  573.51   10800  573.51   11000     60012510.89  609.26
12813.07  609.6113152.66  635.3913215.98  643.3213348.36  654.9513417.43  658.18
13739.75  661.2313820.33   660.9 14033.3  669.2914228.99  677.8214424.69     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10600     .15   11000     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         10600   11000             4.95    4.95    4.95            .1       .3

CROSS SECTION OUTPUT  Profile #PF 1

  E.G. Elev (ft)            759.85    Element                 Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            759.85    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1294497.00   70562.00   447709.40
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1294497.00   70562.00   447709.40
  Q Total (cfs)           206224.30     Flow (cfs)             144461.50   10005.99   51756.83
  Top Width (ft)          14424.69    Top Width (ft)          10600.00     400.00    3424.69
  Vel Total (ft/s)            0.11    Avg. Vel. (ft/s)           0.11       0.14       0.12
  Max Chl Dpth (ft)         186.34    Hydr. Depth (ft)         122.12     176.41     130.73
  Conv. Total (cfs)       449254000.0     Conv. (cfs)          314705400.0   21797770.0   112750800.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10647.61     405.20    3492.74
  Min Ch El (ft)            573.51    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)    20656.57    1215.06    7772.76
  C & E Loss (ft)             0.00    Cum SA (acres)            167.18       6.77      58.07


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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 1842.03*

INPUT
Description:
Station Elevation Data    num=      35
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720     600     680    1000     676    1300     678    2000     667
    2200     670    2800     670    3800     650    4500     650    4600     640
    4800     640    5200     620    5900     614    7800     614    7900     615
    8400     615    8400     610    9200     610    9800     603   10000     600
   10600     600   10700  573.48   10800  573.48   11000     60012511.44  609.23
12813.73  609.5913153.44  634.9713216.78  642.9813349.21  654.87 13418.3  658.09
13740.74   661.313821.35  660.9414034.39  669.1414230.16  677.5314425.93     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10600     .15   11000     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         10600   11000             4.95    4.95    4.95            .1       .3
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CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB	
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150	
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95	
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70569.51	448116.10	
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70569.51	448116.10	
Q Total (cfs)	206224.30	Flow (cfs)	144414.20	10004.29	51805.83	
Top Width (ft)	14425.93	Top Width (ft)	10600.00	400.00	3425.93	
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12	
Max Chl Dpth (ft)	186.37	Hydr. Depth (ft)	122.12	176.42	130.80	
Conv. Total (cfs)	449401200.0	Conv. (cfs)	314705400.0	21801220.0	112894600.0	
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.21	3494.00	
Min Ch El (ft)	573.48	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)	20509.47	1207.04	7721.86	
C & E Loss (ft)	0.00	Cum SA (acres)	165.97	6.72	57.69	

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1837.08*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	573.46	10800	573.46	11000	60012511.98	609.19	
12814.38	609.5713154.21		634.5613217.57		642.6513350.05		654.7913419.17		658
13741.73	661.3613822.37		660.9914035.49		668.9814231.32		677.2414427.16		695

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10600	11000	4.95	4.95	4.95	.1 .3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB	
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150	
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95	
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70574.50	448530.40	
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70574.50	448530.40	
Q Total (cfs)	206224.30	Flow (cfs)	144366.20	10002.02	51856.11	
Top Width (ft)	14427.16	Top Width (ft)	10600.00	400.00	3427.16	
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12	
Max Chl Dpth (ft)	186.39	Hydr. Depth (ft)	122.12	176.44	130.88	
Conv. Total (cfs)	449550600.0	Conv. (cfs)	314705400.0	21803510.0	113041700.0	
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.22	3495.25	
Min Ch El (ft)	573.46	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)	20362.37	1199.02	7670.91	
C & E Loss (ft)	0.00	Cum SA (acres)	164.77	6.67	57.30	

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1832.13*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	573.43	10800	573.43	11000	60012512.53	609.15	
12815.03	609.5513154.99		634.1413218.37		642.32 13350.9		654.7113420.04		657.91
13742.72	661.4213823.38		661.0314036.58		668.8314232.49		676.95 14428.4		695

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10600	11000	4.95	4.95	4.95	.1 .3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB	
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150	
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95	
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70582.00	448947.40	
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70582.00	448947.40	
Q Total (cfs)	206224.30	Flow (cfs)	144317.50	10000.23	51906.53	
Top Width (ft)	14428.40	Top Width (ft)	10600.00	400.00	3428.40	
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12	
Max Chl Dpth (ft)	186.42	Hydr. Depth (ft)	122.12	176.46	130.95	
Conv. Total (cfs)	449702100.0	Conv. (cfs)	314705400.0	21806960.0	113189700.0	
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.23	3496.50	
Min Ch El (ft)	573.43	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)	20215.27	1191.00	7619.92
C & E Loss (ft)	0.00	Cum SA (acres)	163.56	6.63	56.91

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1827.18*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	573.41	10800	573.41	11000	60012513.07		609.12
12815.69	609.5313155.77		633.7213219.17		641.9813351.75		654.6213420.92		657.82
13743.7	661.48 13824.4		661.0714037.67		668.6814233.65		676.6514429.63		695

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10600	11000	4.95	4.95	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70587.01	449358.80
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70587.01	449358.80
Q Total (cfs)	206224.30	Flow (cfs)	144270.00	9997.99	51956.31
Top Width (ft)	14429.63	Top Width (ft)	10600.00	400.00	3429.63
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12
Max Chl Dpth (ft)	186.44	Hydr. Depth (ft)	122.12	176.47	131.02
Conv. Total (cfs)	449850300.0	Conv. (cfs)	314705400.0	21809260.0	113335600.0
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.23	3497.75
Min Ch El (ft)	573.41	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)	20068.17	1182.98	7568.88
C & E Loss (ft)	0.00	Cum SA (acres)	162.36	6.58	56.52

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1822.23*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	573.38	10800	573.38	11000	60012513.62		609.08
12816.34	609.5113156.54		633.3113219.97		641.6513352.59		654.5413421.79		657.73
13744.69	661.5413825.42		661.1214038.77		668.5314234.81		676.3614430.86		695

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10600	11000	4.95	4.95	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70594.50	449771.70
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70594.50	449771.70
Q Total (cfs)	206224.30	Flow (cfs)	144221.90	9996.23	52006.16
Top Width (ft)	14430.86	Top Width (ft)	10600.00	400.00	3430.86
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12
Max Chl Dpth (ft)	186.47	Hydr. Depth (ft)	122.12	176.49	131.10
Conv. Total (cfs)	450000300.0	Conv. (cfs)	314705400.0	21812690.0	113482200.0
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.25	3499.01
Min Ch El (ft)	573.38	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)	19921.07	1174.96	7517.79
C & E Loss (ft)	0.00	Cum SA (acres)	161.15	6.54	56.13

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1817.28*

INPUT

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Description:
Station Elevation Data    num=      35
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720     600     680    1000     676    1300     678    2000     667
    2200     670    2800     670    3800     650    4500     650    4600     640
    4800     640    5200     620    5900     614    7800     614    7900     615
    8400     615    8400     610    9200     610    9800     603   10000     600
   10600     600   10700  573.36   10800  573.36   11000     60012514.16  609.04
12816.99  609.4913157.32 632.8913220.77 641.3113353.44 654.4613422.66 657.64
13745.68   661.613826.43 661.1614039.86 668.3714235.98 676.07 14432.1     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10600     .15   11000     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         10600   11000             4.95    4.95    4.95            .1       .3

CROSS SECTION OUTPUT  Profile #PF 1

  E.G. Elev (ft)            759.85    Element                 Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150     0.150     0.150
  W.S. Elev (ft)            759.85    Reach Len. (ft)            4.95      4.95      4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1294497.00  70599.51  450192.30
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1294497.00  70599.51  450192.30
  Q Total (cfs)           206224.30    Flow (cfs)              144173.30   9993.91   52057.13
  Top Width (ft)          14432.10    Top Width (ft)          10600.00    400.00    3432.10
  Vel Total (ft/s)            0.11    Avg. Vel. (ft/s)            0.11      0.14      0.12
  Max Chl Dpth (ft)         186.49    Hydr. Depth (ft)          122.12    176.50    131.17
  Conv. Total (cfs)       450152200.0    Conv. (cfs)           314705400.0  21814990.0  113631800.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10647.61    405.25    3500.27
  Min Ch El (ft)            573.36    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)    19773.96    1166.94   7466.66
  C & E Loss (ft)             0.00    Cum SA (acres)            159.95      6.49     55.74

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                RS: 1812.33*

INPUT
Description:
Station Elevation Data    num=      35
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720     600     680    1000     676    1300     678    2000     667
    2200     670    2800     670    3800     650    4500     650    4600     640
    4800     640    5200     620    5900     614    7800     614    7900     615
    8400     615    8400     610    9200     610    9800     603   10000     600
   10600     600   10700  573.33   10800  573.33   11000     60012514.71  609.01
12817.65  609.4713158.09 632.4813221.57 640.9813354.29 654.3813423.53 657.55
13746.67  661.6713827.45 661.2114040.95 668.2214237.14 675.7814433.33     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10600     .15   11000     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         10600   11000             4.95    4.95    4.95            .1       .3

CROSS SECTION OUTPUT  Profile #PF 1

  E.G. Elev (ft)            759.85    Element                 Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150     0.150     0.150
  W.S. Elev (ft)            759.85    Reach Len. (ft)            4.95      4.95      4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1294497.00  70607.00  450594.70
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1294497.00  70607.00  450594.70
  Q Total (cfs)           206224.30    Flow (cfs)              144126.60   9992.26   52105.39
  Top Width (ft)          14433.33    Top Width (ft)          10600.00    400.00    3433.33
  Vel Total (ft/s)            0.11    Avg. Vel. (ft/s)            0.11      0.14      0.12
  Max Chl Dpth (ft)         186.52    Hydr. Depth (ft)          122.12    176.52    131.24
  Conv. Total (cfs)       450297700.0    Conv. (cfs)           314705400.0  21818430.0  113773900.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10647.61    405.27    3501.52
  Min Ch El (ft)            573.33    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)    19626.86    1158.92   7415.48
  C & E Loss (ft)             0.00    Cum SA (acres)            158.74      6.45     55.35

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                RS: 1807.38*

INPUT
Description:
Station Elevation Data    num=      35
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720     600     680    1000     676    1300     678    2000     667
    2200     670    2800     670    3800     650    4500     650    4600     640
    4800     640    5200     620    5900     614    7800     614    7900     615
    8400     615    8400     610    9200     610    9800     603   10000     600
   10600     600   10700  573.31   10800  573.31   11000     60012515.25  608.97
 12818.3  609.4513158.87 632.0613222.37 640.6513355.13  654.3 13424.4  657.46
13747.65  661.7313828.47 661.2514042.05 668.0714238.31 675.4914434.57     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10600     .15   11000     .15
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Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         10600   11000             4.95    4.95    4.95            .1      .3

CROSS SECTION OUTPUT  Profile #PF 1

  E.G. Elev (ft)            759.85    Element                 Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            759.85    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1294497.00   70612.00   451012.60
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1294497.00   70612.00   451012.60
  Q Total (cfs)           206224.30     Flow (cfs)             144078.40    9989.97    52155.90
  Top Width (ft)          14434.57    Top Width (ft)          10600.00     400.00     3434.57
  Vel Total (ft/s)            0.11    Avg. Vel. (ft/s)            0.11       0.14       0.12
  Max Chl Dpth (ft)         186.54    Hydr. Depth (ft)          122.12     176.53     131.32
  Conv. Total (cfs)       450448400.0     Conv. (cfs)           314705400.0   21820730.0   113922300.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10647.61     405.27     3502.79
  Min Ch El (ft)            573.31    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)    19479.76    1150.89    7364.25
  C & E Loss (ft)             0.00    Cum SA (acres)            157.54       6.40      54.96

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                RS: 1802.43*

INPUT
Description:
Station Elevation Data    num=      35
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720     600     680    1000     676    1300     678    2000     667
    2200     670    2800     670    3800     650    4500     650    4600     640
    4800     640    5200     620    5900     614    7800     614    7900     615
    8400     615    8400     610    9200     610    9800     603   10000     600
   10600     600   10700  573.28   10800  573.28   11000   60012515.79  608.93
12818.95  609.4413159.65  631.6413223.17  640.3113355.98  654.2213425.27  657.37
13748.64  661.7913829.48   661.314043.14  667.9214239.47  675.19 14435.8     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10600     .15   11000     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         10600   11000             4.95    4.95    4.95            .1      .3

CROSS SECTION OUTPUT  Profile #PF 1

  E.G. Elev (ft)            759.85    Element                 Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            759.85    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1294497.00   70619.49   451428.10
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1294497.00   70619.49   451428.10
  Q Total (cfs)           206224.30     Flow (cfs)             144030.10    9988.19    52206.00
  Top Width (ft)          14435.80    Top Width (ft)          10600.00     400.00     3435.80
  Vel Total (ft/s)            0.11    Avg. Vel. (ft/s)            0.11       0.14       0.12
  Max Chl Dpth (ft)         186.57    Hydr. Depth (ft)          122.12     176.55     131.39
  Conv. Total (cfs)       450599600.0     Conv. (cfs)           314705400.0   21824170.0   114070000.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10647.61     405.29     3504.05
  Min Ch El (ft)            573.28    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)    19332.66    1142.87    7312.97
  C & E Loss (ft)             0.00    Cum SA (acres)            156.33       6.36      54.57

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                RS: 1797.48*

INPUT
Description:
Station Elevation Data    num=      35
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720     600     680    1000     676    1300     678    2000     667
    2200     670    2800     670    3800     650    4500     650    4600     640
    4800     640    5200     620    5900     614    7800     614    7900     615
    8400     615    8400     610    9200     610    9800     603   10000     600
   10600     600   10700  573.26   10800  573.26   11000   60012516.34  608.9
12819.61  609.4213160.42  631.2313223.96  639.9813356.83  654.1413426.14  657.28
13749.63  661.85 13830.5  661.3414044.23  667.7714240.63   674.914437.04     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10600     .15   11000     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         10600   11000             4.95    4.95    4.95            .1      .3

CROSS SECTION OUTPUT  Profile #PF 1

  E.G. Elev (ft)            759.85    Element                 Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            759.85    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1294497.00   70624.50   451835.00
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1294497.00   70624.50   451835.00
  Q Total (cfs)           206224.30     Flow (cfs)             143983.40    9986.00    52254.87
  Top Width (ft)          14437.04    Top Width (ft)          10600.00     400.00     3437.04
  Vel Total (ft/s)            0.11    Avg. Vel. (ft/s)            0.11       0.14       0.12
```

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Max Chl Dpth (ft)	186.59	Hydr. Depth (ft)	122.12	176.56	131.46	
Conv. Total (cfs)	450745600.0	Conv. (cfs)	314705400.0	21826470.0	114213800.0	
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.29	3505.32	
Min Ch El (ft)	573.26	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)	19185.56	1134.84	7261.65	
C & E Loss (ft)	0.00	Cum SA (acres)	155.13	6.31	54.18	

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1792.53*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	573.23	10800	573.23	11000	60012516.88		608.86
12820.26	609.4	13161.2	630.8113224.76		639.6413357.67		654.0613427.01		657.19
13750.62	661.9113831.52		661.3914045.33		667.61 14241.8		674.6114438.27		695

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10600	11000	4.95	4.95	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB	
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150	
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95	
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70632.01	452254.30	
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70632.01	452254.30	
Q Total (cfs)	206224.30	Flow (cfs)	143934.70	9984.20	52305.43	
Top Width (ft)	14438.27	Top Width (ft)	10600.00	400.00	3438.27	
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12	
Max Chl Dpth (ft)	186.62	Hydr. Depth (ft)	122.12	176.58	131.54	
Conv. Total (cfs)	450898300.0	Conv. (cfs)	314705400.0	21829910.0	114363000.0	
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.30	3506.58	
Min Ch El (ft)	573.23	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)	19038.46	1126.82	7210.28	
C & E Loss (ft)	0.00	Cum SA (acres)	153.93	6.27	53.79	

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1787.58*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	573.21	10800	573.21	11000	60012517.43		608.82
12820.92	609.3813161.98		630.413225.56		639.3113358.52		653.9813427.89		657.1
13751.6	661.9813832.53		661.4314046.42		667.4614242.96		674.3214439.51		695

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10600	11000	4.95	4.95	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB	
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150	
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95	
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70637.00	452669.00	
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70637.00	452669.00	
Q Total (cfs)	206224.30	Flow (cfs)	143887.00	9981.94	52355.36	
Top Width (ft)	14439.51	Top Width (ft)	10600.00	400.00	3439.51	
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12	
Max Chl Dpth (ft)	186.64	Hydr. Depth (ft)	122.12	176.59	131.61	
Conv. Total (cfs)	451047700.0	Conv. (cfs)	314705400.0	21832200.0	114510100.0	
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.31	3507.86	
Min Ch El (ft)	573.21	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)	18891.36	1118.79	7158.87	
C & E Loss (ft)	0.00	Cum SA (acres)	152.72	6.22	53.39	

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: 1782.63*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	573.19	10800	573.19	11000	60012517.97	608.79	
12821.57	609.3613162.75		629.9813226.36		638.9813359.37		653.8913428.76	657	
13752.59	662.0413833.55		661.4814047.51		667.3114244.13		674.0214440.74	695	

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
10600 11000 4.95 4.95 4.95 .1 .3

CROSS SECTION OUTPUT Profile #PF 1

			Left OB	Channel	Right OB
E.G. Elev (ft)	759.85	Element			
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70642.00	453081.40
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70642.00	453081.40
Q Total (cfs)	206224.30	Flow (cfs)	143839.60	9979.70	52404.99
Top Width (ft)	14440.74	Top Width (ft)	10600.00	400.00	3440.74
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12
Max Chl Dpth (ft)	186.66	Hydr. Depth (ft)	122.12	176.61	131.68
Conv. Total (cfs)	451196300.0	Conv. (cfs)	314705400.0	21834500.0	114656400.0
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.32	3509.13
Min Ch El (ft)	573.19	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)	18744.25	1110.76	7107.40
C & E Loss (ft)	0.00	Cum SA (acres)	151.52	6.17	53.00

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1777.67*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	573.16	10800	573.16	11000	60012518.52	608.75	
12822.22	609.3413163.53		629.5613227.16		638.6413360.21		653.8113429.63	656.91	
13753.58	662.113834.57		661.5214048.61		667.1614245.29		673.7314441.98	695	

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
10600 11000 4.95 4.95 4.95 .1 .3

CROSS SECTION OUTPUT Profile #PF 1

			Left OB	Channel	Right OB
E.G. Elev (ft)	759.85	Element			
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70649.51	453501.30
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70649.51	453501.30
Q Total (cfs)	206224.30	Flow (cfs)	143790.90	9977.90	52455.47
Top Width (ft)	14441.98	Top Width (ft)	10600.00	400.00	3441.98
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12
Max Chl Dpth (ft)	186.69	Hydr. Depth (ft)	122.12	176.62	131.76
Conv. Total (cfs)	451349100.0	Conv. (cfs)	314705400.0	21837940.0	114805700.0
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.33	3510.40
Min Ch El (ft)	573.16	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)	18597.15	1102.73	7055.89
C & E Loss (ft)	0.00	Cum SA (acres)	150.31	6.13	52.61

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1772.72*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	573.14	10800	573.14	11000	60012519.06	608.71	
12822.88	609.32 13164.3		629.1513227.96		638.3113361.06		653.73 13430.5	656.82	
13754.57	662.1613835.58		661.57 14049.7		66714246.46		673.4414443.21	695	

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Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

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

10600	11000		4.95	4.95	4.95	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

			Left OB	Channel	Right OB
E.G. Elev (ft)	759.85	Element			
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70654.50	453918.30
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70654.50	453918.30
Q Total (cfs)	206224.30	Flow (cfs)	143743.00	9975.61	52505.71
Top Width (ft)	14443.21	Top Width (ft)	10600.00	400.00	3443.21
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12
Max Chl Dpth (ft)	186.71	Hydr. Depth (ft)	122.12	176.64	131.83
Conv. Total (cfs)	451499600.0	Conv. (cfs)	314705400.0	21840230.0	114954000.0
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.34	3511.67
Min Ch El (ft)	573.14	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)	18450.05	1094.71	7004.34
C & E Loss (ft)	0.00	Cum SA (acres)	149.11	6.08	52.22

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1767.77*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	573.11	10800	573.11	11000	60012519.61	608.67	
12823.53	609.313165.08		628.7313228.76		637.9713361.91		653.6513431.37	656.73	
13755.56	662.22 13836.6		661.6114050.79		666.8514247.62		673.1514444.44	695	

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

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

10600	11000		4.95	4.95	4.95	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

			Left OB	Channel	Right OB
E.G. Elev (ft)	759.85	Element			
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70662.01	454338.00
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70662.01	454338.00
Q Total (cfs)	206224.30	Flow (cfs)	143694.30	9973.81	52556.15
Top Width (ft)	14444.44	Top Width (ft)	10600.00	400.00	3444.44
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12
Max Chl Dpth (ft)	186.74	Hydr. Depth (ft)	122.12	176.66	131.90
Conv. Total (cfs)	451652400.0	Conv. (cfs)	314705400.0	21843680.0	115103400.0
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.35	3512.95
Min Ch El (ft)	573.11	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)	18302.95	1086.68	6952.73
C & E Loss (ft)	0.00	Cum SA (acres)	147.90	6.04	51.83

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1762.82*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	573.09	10800	573.09	11000	60012520.15	608.64	
12824.18	609.2813165.86		628.3113229.56		637.6413362.75		653.5713432.24	656.64	
13756.54	662.2813837.62		661.6614051.89		666.714248.78		672.8614445.68	695	

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

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

10600	11000		4.95	4.95	4.95	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

			Left OB	Channel	Right OB
E.G. Elev (ft)	759.85	Element			
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70666.99	454746.70

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E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70666.99	454746.70	
Q Total (cfs)	206224.30	Flow (cfs)	143647.60	9971.62	52605.05	
Top Width (ft)	14445.68	Top Width (ft)	10600.00	400.00	3445.68	
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12	
Max Chl Dpth (ft)	186.76	Hydr. Depth (ft)	122.12	176.67	131.98	
Conv. Total (cfs)	451799300.0	Conv. (cfs)	314705400.0	21845960.0	115247900.0	
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.36	3514.23	
Min Ch El (ft)	573.09	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)	18155.85	1078.65	6901.08	
C & E Loss (ft)	0.00	Cum SA (acres)	146.70	5.99	51.44	

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1757.87*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	573.06	10800	573.06	11000	600	12520.7	608.6
12824.84	609.26	13166.63	627.91	13230.36	637.31	13363.6	653.49	13433.12	656.55
13757.53	662.35	13838.63	661.71	14052.98	666.55	14249.95	672.56	14446.91	695

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10600	11000	4.95	4.95	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB	
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150	
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95	
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70674.50	455163.70	
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70674.50	455163.70	
Q Total (cfs)	206224.30	Flow (cfs)	143599.40	9969.84	52655.05	
Top Width (ft)	14446.91	Top Width (ft)	10600.00	400.00	3446.91	
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12	
Max Chl Dpth (ft)	186.79	Hydr. Depth (ft)	122.12	176.69	132.05	
Conv. Total (cfs)	451951000.0	Conv. (cfs)	314705400.0	21849410.0	115396200.0	
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.37	3515.50	
Min Ch El (ft)	573.06	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)	18008.75	1070.62	6849.38	
C & E Loss (ft)	0.00	Cum SA (acres)	145.49	5.95	51.05	

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1752.92*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	573.04	10800	573.04	11000	600	12521.24	608.56
12825.49	609.24	13167.41	627.48	13231.15	636.97	13364.44	653.41	13433.99	656.46
13758.52	662.41	13839.65	661.75	14054.07	666.41	14251.11	672.27	14448.15	695

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10600	11000	4.95	4.95	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB	
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150	
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95	
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70679.51	455582.90	
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70679.51	455582.90	
Q Total (cfs)	206224.30	Flow (cfs)	143551.40	9967.55	52705.39	
Top Width (ft)	14448.15	Top Width (ft)	10600.00	400.00	3448.15	
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12	
Max Chl Dpth (ft)	186.81	Hydr. Depth (ft)	122.12	176.70	132.12	
Conv. Total (cfs)	452102300.0	Conv. (cfs)	314705400.0	21851700.0	115545200.0	
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.38	3516.79	
Min Ch El (ft)	573.04	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)	17861.64	1062.58	6797.63	
C & E Loss (ft)	0.00	Cum SA (acres)	144.29	5.90	50.65	

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

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CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1747.97*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	573.01	10800	573.01	11000	60012521.79		608.53
12826.14	609.2213168.18		627.0713231.95		636.6413365.29		653.3313434.86		656.37
13759.51	662.4713840.67		661.7914055.17		666.2414252.27		671.9814449.38		695

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10600	11000	4.95	4.95	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

			Left OB	Channel	Right OB
E.G. Elev (ft)	759.85	Element			
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70687.00	455992.90
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70687.00	455992.90
Q Total (cfs)	206224.30	Flow (cfs)	143504.10	9965.84	52754.32
Top Width (ft)	14449.38	Top Width (ft)	10600.00	400.00	3449.38
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12
Max Chl Dpth (ft)	186.84	Hydr. Depth (ft)	122.12	176.72	132.20
Conv. Total (cfs)	452251100.0	Conv. (cfs)	314705400.0	21855140.0	115690500.0
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.39	3518.07
Min Ch El (ft)	573.01	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)	17714.54	1054.55	6745.84
C & E Loss (ft)	0.00	Cum SA (acres)	143.08	5.86	50.26

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1743.02*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	572.99	10800	572.99	11000	60012522.33		608.49
12826.8	609.213168.96		626.6513232.75		636.313366.14		653.2513435.73		656.28
13760.49	662.5313841.68		661.8414056.26		666.0914253.44		671.6914450.62		695

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10600	11000	4.95	4.95	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

			Left OB	Channel	Right OB
E.G. Elev (ft)	759.85	Element			
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70692.00	456412.90
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70692.00	456412.90
Q Total (cfs)	206224.30	Flow (cfs)	143456.00	9963.54	52804.71
Top Width (ft)	14450.62	Top Width (ft)	10600.00	400.00	3450.62
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12
Max Chl Dpth (ft)	186.86	Hydr. Depth (ft)	122.12	176.73	132.27
Conv. Total (cfs)	452402700.0	Conv. (cfs)	314705400.0	21857430.0	115839800.0
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.40	3519.36
Min Ch El (ft)	572.99	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)	17567.44	1046.52	6694.00
C & E Loss (ft)	0.00	Cum SA (acres)	141.88	5.81	49.87

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1738.07*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615

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   8400     615    8400     610    9200     610    9800     603   10000     600
  10600     600   10700  572.96   10800  572.96   11000     60012522.88  608.45
12827.45  609.1813169.74  626.2313233.55  635.9713366.98  653.16 13436.6  656.19
13761.48  662.59 13842.7  661.8814057.35  665.94 14254.6   671.414451.85     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10600     .15   11000     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         10600   11000             4.95    4.95    4.95             .1      .3

CROSS SECTION OUTPUT  Profile #PF 1

  E.G. Elev (ft)            759.85    Element                 Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            759.85    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1294497.00   70699.50   456833.40
  E.G. Slope (ft/ft)       0.000000   Area (sq ft)            1294497.00   70699.50   456833.40
  Q Total (cfs)            206224.30   Flow (cfs)              143407.50    9961.74    52855.08
  Top Width (ft)           14451.85   Top Width (ft)          10600.00     400.00     3451.85
  Vel Total (ft/s)            0.11    Avg. Vel. (ft/s)           0.11       0.14       0.12
  Max Chl Dpth (ft)         186.89    Hydr. Depth (ft)         122.12     176.75     132.34
  Conv. Total (cfs)       452555900.0    Conv. (cfs)           314705400.0   21860870.0   115989600.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10647.61     405.41     3520.64
  Min Ch El (ft)            572.96    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)    17420.34    1038.49    6642.11
  C & E Loss (ft)             0.00    Cum SA (acres)            140.68       5.77      49.48

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                RS: 1733.12*

INPUT
Description:
Station Elevation Data    num=      35
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720     600     680    1000     676    1300     678    2000     667
    2200     670    2800     670    3800     650    4500     650    4600     640
    4800     640    5200     620    5900     614    7800     614    7900     615
    8400     615    8400     610    9200     610    9800     603   10000     600
   10600     600   10700  572.94   10800  572.94   11000     60012523.42  608.42
 12828.1  609.1613170.51  625.8213234.35  635.6413367.83  653.0813437.47   656.1
13762.47  662.6513843.72  661.9314058.45  665.7914255.77   671.114453.09     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10600     .15   11000     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         10600   11000             4.95    4.95    4.95             .1      .3

CROSS SECTION OUTPUT  Profile #PF 1

  E.G. Elev (ft)            759.85    Element                 Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            759.85    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1294497.00   70704.50   457243.40
  E.G. Slope (ft/ft)       0.000000   Area (sq ft)            1294497.00   70704.50   457243.40
  Q Total (cfs)            206224.30   Flow (cfs)              143360.80    9959.54    52903.96
  Top Width (ft)           14453.09   Top Width (ft)          10600.00     400.00     3453.09
  Vel Total (ft/s)            0.11    Avg. Vel. (ft/s)           0.11       0.14       0.12
  Max Chl Dpth (ft)         186.91    Hydr. Depth (ft)         122.12     176.76     132.42
  Conv. Total (cfs)       452703300.0    Conv. (cfs)           314705400.0   21863170.0   116134700.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10647.61     405.42     3521.94
  Min Ch El (ft)            572.94    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)    17273.24    1030.45    6590.17
  C & E Loss (ft)             0.00    Cum SA (acres)            139.47       5.72      49.09

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                RS: 1728.17*

INPUT
Description:
Station Elevation Data    num=      35
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720     600     680    1000     676    1300     678    2000     667
    2200     670    2800     670    3800     650    4500     650    4600     640
    4800     640    5200     620    5900     614    7800     614    7900     615
    8400     615    8400     610    9200     610    9800     603   10000     600
   10600     600   10700  572.91   10800  572.91   11000     60012523.96  608.38
12828.76  609.1413171.29   625.413235.15   635.313368.68     65313438.34  656.01
13763.46  662.7213844.73  661.9714059.54  665.6314256.93  670.8114454.32     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10600     .15   11000     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         10600   11000             4.95    4.95    4.95             .1      .3

CROSS SECTION OUTPUT  Profile #PF 1
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E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB	
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150	
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95	
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70712.01	457664.50	
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70712.01	457664.50	
Q Total (cfs)	206224.30	Flow (cfs)	143312.20	9957.73	52954.34	
Top Width (ft)	14454.32	Top Width (ft)	10600.00	400.00	3454.32	
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12	
Max Chl Dpth (ft)	186.94	Hydr. Depth (ft)	122.12	176.78	132.49	
Conv. Total (cfs)	452856700.0	Conv. (cfs)	314705400.0	21866610.0	116284700.0	
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.43	3523.22	
Min Ch El (ft)	572.91	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)	17126.14	1022.42	6538.19	
C & E Loss (ft)	0.00	Cum SA (acres)	138.27	5.67	48.69	

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1723.22*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	572.89	10800	572.89	11000	60012524.51	608.34	
12829.41	609.1213172.06		624.9813235.95		634.9713369.52		652.9213439.22	655.92	
13764.44	662.7813845.75		662.0214060.63		665.4814258.09		670.5214455.56	695	

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10600	11000	4.95	4.95	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB	
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150	
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95	
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70717.00	458083.80	
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70717.00	458083.80	
Q Total (cfs)	206224.30	Flow (cfs)	143264.40	9955.45	53004.49	
Top Width (ft)	14455.56	Top Width (ft)	10600.00	400.00	3455.56	
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12	
Max Chl Dpth (ft)	186.96	Hydr. Depth (ft)	122.12	176.79	132.56	
Conv. Total (cfs)	453008000.0	Conv. (cfs)	314705400.0	21868900.0	116433700.0	
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.44	3524.52	
Min Ch El (ft)	572.89	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)	16979.04	1014.38	6486.16	
C & E Loss (ft)	0.00	Cum SA (acres)	137.06	5.63	48.30	

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1718.27*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	572.86	10800	572.86	11000	60012525.05	608.31	
12830.07	609.113172.84		624.5713236.75		634.6313370.37		652.8413440.09	655.82	
13765.43	662.8413846.77		662.0614061.73		665.3314259.26		670.2314456.79	695	

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10600	11000	4.95	4.95	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB	
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150	
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95	
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70724.51	458496.30	
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70724.51	458496.30	
Q Total (cfs)	206224.30	Flow (cfs)	143217.00	9953.72	53053.58	
Top Width (ft)	14456.79	Top Width (ft)	10600.00	400.00	3456.79	
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12	
Max Chl Dpth (ft)	186.99	Hydr. Depth (ft)	122.12	176.81	132.64	
Conv. Total (cfs)	453157900.0	Conv. (cfs)	314705400.0	21872340.0	116580100.0	
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.45	3525.81	
Min Ch El (ft)	572.86	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)	16831.93	1006.34	6434.08	

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C & E Loss (ft)		0.00	Cum SA (acres)		135.86		5.58		47.91

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1713.32*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	572.84	10800	572.84	11000	600	12525.6	608.27
12830.72	609.0813173.62		624.1513237.55		634.313371.22		652.7613440.96		655.73
13766.42	662.913847.79		662.114062.82		665.1814260.42		669.9314458.02		695

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10600	11000	4.95	4.95	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB	
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150	
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95	
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70729.49	458918.80	
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70729.49	458918.80	
Q Total (cfs)	206224.30	Flow (cfs)	143168.70	9951.41	53104.21	
Top Width (ft)	14458.02	Top Width (ft)	10600.00	400.00	3458.02	
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12	
Max Chl Dpth (ft)	187.01	Hydr. Depth (ft)	122.12	176.82	132.71	
Conv. Total (cfs)	453310700.0	Conv. (cfs)	314705400.0	21874620.0	116730700.0	
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.46	3527.10	
Min Ch El (ft)	572.84	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)	16684.83	998.31	6381.95	
C & E Loss (ft)	0.00	Cum SA (acres)	134.65	5.54	47.52	

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1708.37*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	572.81	10800	572.81	11000	600	12526.14	608.23
12831.37	609.0713174.39		623.7413238.34		633.9713372.06		652.6813441.83		655.64
13767.41	662.96 13848.8		662.1514063.92		665.0214261.59		669.6414459.26		695

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10600	11000	4.95	4.95	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB	
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150	
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95	
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70737.00	459335.30	
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70737.00	459335.30	
Q Total (cfs)	206224.30	Flow (cfs)	143120.90	9949.65	53153.73	
Top Width (ft)	14459.26	Top Width (ft)	10600.00	400.00	3459.26	
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12	
Max Chl Dpth (ft)	187.04	Hydr. Depth (ft)	122.12	176.84	132.78	
Conv. Total (cfs)	453462000.0	Conv. (cfs)	314705400.0	21878060.0	116878600.0	
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.47	3528.40	
Min Ch El (ft)	572.81	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)	16537.73	990.27	6329.78	
C & E Loss (ft)	0.00	Cum SA (acres)	133.45	5.49	47.12	

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1703.42*

INPUT
Description:
Station Elevation Data num= 35

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Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	572.79	10800	572.79	11000	60012526.69		608.2
12832.03	609.0513175.17		623.3213239.14		633.6313372.91		652.6 13442.7		655.55
13768.4	663.0213849.82		662.1914065.01		664.8714262.75		669.3514460.49		695

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10600	11000	4.95	4.95	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70742.01	459748.30
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70742.01	459748.30
Q Total (cfs)	206224.30	Flow (cfs)	143074.00	9947.43	53202.91
Top Width (ft)	14460.49	Top Width (ft)	10600.00	400.00	3460.49
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12
Max Chl Dpth (ft)	187.06	Hydr. Depth (ft)	122.12	176.86	132.86
Conv. Total (cfs)	453610900.0	Conv. (cfs)	314705400.0	21880360.0	117025100.0
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.48	3529.70
Min Ch El (ft)	572.79	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)	16390.63	982.23	6277.56
C & E Loss (ft)	0.00	Cum SA (acres)	132.24	5.45	46.73

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1698.46*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	572.77	10800	572.77	11000	60012527.23		608.16
12832.68	609.0313175.94		622.913239.94		633.313373.76		652.5213443.57		655.46
13769.38	663.0913850.83		662.24 14066.1		664.7214263.92		669.0614461.73		695

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10600	11000	4.95	4.95	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70747.00	460166.70
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70747.00	460166.70
Q Total (cfs)	206224.30	Flow (cfs)	143026.40	9945.16	53252.76
Top Width (ft)	14461.73	Top Width (ft)	10600.00	400.00	3461.73
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12
Max Chl Dpth (ft)	187.08	Hydr. Depth (ft)	122.12	176.87	132.93
Conv. Total (cfs)	453761800.0	Conv. (cfs)	314705400.0	21882650.0	117173700.0
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.49	3531.01
Min Ch El (ft)	572.77	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)	16243.53	974.19	6225.29
C & E Loss (ft)	0.00	Cum SA (acres)	131.04	5.40	46.34

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1693.51*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	572.74	10800	572.74	11000	60012527.78		608.12
12833.33	609.0113176.72		622.4913240.74		632.96 13374.6		652.4313444.44		655.37
13770.37	663.1513851.85		662.28 14067.2		664.5714265.08		668.7714462.96		695

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

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

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10600	11000		4.95	4.95	4.95	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB	
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150	
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95	
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70754.50	460587.90	
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70754.50	460587.90	
Q Total (cfs)	206224.30	Flow (cfs)	142978.00	9943.36	53302.94	
Top Width (ft)	14462.96	Top Width (ft)	10600.00	400.00	3462.96	
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12	
Max Chl Dpth (ft)	187.11	Hydr. Depth (ft)	122.12	176.89	133.00	
Conv. Total (cfs)	453915300.0	Conv. (cfs)	314705400.0	21886090.0	117323800.0	
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.50	3532.30	
Min Ch El (ft)	572.74	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)	16096.43	966.15	6172.97	
C & E Loss (ft)	0.00	Cum SA (acres)	129.83	5.36	45.94	

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1688.56*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	572.72	10800	572.72	11000	60012528.32		608.09
12833.99	608.99	13177.5	622.0713241.54		632.6313375.45		652.3513445.32		655.28
13771.36	663.2113852.87		662.3314068.29		664.4214266.24		668.47 14464.2		695

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10600	11000	4.95	4.95	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB	
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150	
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95	
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70759.51	461001.60	
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70759.51	461001.60	
Q Total (cfs)	206224.30	Flow (cfs)	142931.10	9941.14	53352.05	
Top Width (ft)	14464.20	Top Width (ft)	10600.00	400.00	3464.20	
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12	
Max Chl Dpth (ft)	187.13	Hydr. Depth (ft)	122.12	176.90	133.08	
Conv. Total (cfs)	454064200.0	Conv. (cfs)	314705400.0	21888380.0	117470400.0	
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.51	3533.61	
Min Ch El (ft)	572.72	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)	15949.32	958.11	6120.61	
C & E Loss (ft)	0.00	Cum SA (acres)	128.63	5.31	45.55	

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1683.61*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	572.69	10800	572.69	11000	60012528.87		608.05
12834.64	608.9713178.27		621.6513242.34		632.29 13376.3		652.2713446.19		655.19
13772.35	663.2713853.88		662.3714069.38		664.2614267.41		668.1814465.43		695

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10600	11000	4.95	4.95	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB	
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150	
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95	
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70767.00	461426.30	
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70767.00	461426.30	
Q Total (cfs)	206224.30	Flow (cfs)	142882.30	9939.31	53402.66	
Top Width (ft)	14465.43	Top Width (ft)	10600.00	400.00	3465.43	
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12	
Max Chl Dpth (ft)	187.16	Hydr. Depth (ft)	122.12	176.92	133.15	
Conv. Total (cfs)	454219200.0	Conv. (cfs)	314705400.0	21891810.0	117622000.0	

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Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.52	3534.92
Min Ch El (ft)	572.69	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)	15802.22	950.07	6068.20
C & E Loss (ft)	0.00	Cum SA (acres)	127.43	5.27	45.16

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1678.66*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	572.67	10800	572.67	11000	60012529.41		608.01
12835.29	608.9513179.05		621.2413243.14		631.9613377.14		652.1913447.06		655.1
13773.33	663.33 13854.9		662.4214070.48		664.1114268.57		667.8914466.67		695

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
10600 11000 4.95 4.95 4.95 .1 .3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70772.01	461845.30
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70772.01	461845.30
Q Total (cfs)	206224.30	Flow (cfs)	142834.80	9937.04	53452.46
Top Width (ft)	14466.67	Top Width (ft)	10600.00	400.00	3466.67
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12
Max Chl Dpth (ft)	187.18	Hydr. Depth (ft)	122.12	176.93	133.22
Conv. Total (cfs)	454370400.0	Conv. (cfs)	314705400.0	21894110.0	117770900.0
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.53	3536.23
Min Ch El (ft)	572.67	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)	15655.12	942.03	6015.74
C & E Loss (ft)	0.00	Cum SA (acres)	126.22	5.22	44.76

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1673.71*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	572.64	10800	572.64	11000	60012529.96		607.98
12835.95	608.9313179.82		620.8213243.94		631.6313377.99		652.1113447.93		655.01
13774.32	663.413855.92		662.4614071.57		663.9614269.74		667.6 14467.9		695

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
10600 11000 4.95 4.95 4.95 .1 .3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70779.50	462256.40
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70779.50	462256.40
Q Total (cfs)	206224.30	Flow (cfs)	142787.90	9935.34	53501.04
Top Width (ft)	14467.90	Top Width (ft)	10600.00	400.00	3467.90
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12
Max Chl Dpth (ft)	187.21	Hydr. Depth (ft)	122.12	176.95	133.30
Conv. Total (cfs)	454519600.0	Conv. (cfs)	314705400.0	21897540.0	117916600.0
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.54	3537.53
Min Ch El (ft)	572.64	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)	15508.02	933.98	5963.24
C & E Loss (ft)	0.00	Cum SA (acres)	125.02	5.17	44.37

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1668.76*

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```
INPUT
Description:
Station Elevation Data    num=      35
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720     600     680    1000     676    1300     678    2000     667
    2200     670    2800     670    3800     650    4500     650    4600     640
    4800     640    5200     620    5900     614    7800     614    7900     615
    8400     615    8400     610    9200     610    9800     603   10000     600
   10600     600   10700  572.62   10800  572.62   11000     600 12530.5  607.94
 12836.6  608.91 13180.6 620.4113244.74  631.2913378.84  652.03 13448.8  654.92
13775.31  663.4613856.94  662.5114072.66  663.81 14270.9   667.314469.14     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10600     .15   11000     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         10600   11000             4.95    4.95    4.95             .1      .3

CROSS SECTION OUTPUT  Profile #PF 1

  E.G. Elev (ft)            759.85    Element                 Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150     0.150      0.150
  W.S. Elev (ft)            759.85    Reach Len. (ft)            4.95      4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1294497.00  70784.50   462678.60
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1294497.00  70784.50   462678.60
  Q Total (cfs)           206224.30    Flow (cfs)              142740.00   9933.04   53551.25
  Top Width (ft)          14469.14    Top Width (ft)          10600.00    400.00    3469.14
  Vel Total (ft/s)            0.11    Avg. Vel. (ft/s)            0.11      0.14       0.12
  Max Chl Dpth (ft)         187.23    Hydr. Depth (ft)          122.12    176.96     133.37
  Conv. Total (cfs)       454672100.0    Conv. (cfs)           314705400.0   21899830.0   118066900.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10647.61    405.55     3538.85
  Min Ch El (ft)            572.62    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)    15360.92    925.94    5910.68
  C & E Loss (ft)             0.00    Cum SA (acres)            123.81      5.13      43.97

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 1663.81*

INPUT
Description:
Station Elevation Data    num=      35
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720     600     680    1000     676    1300     678    2000     667
    2200     670    2800     670    3800     650    4500     650    4600     640
    4800     640    5200     620    5900     614    7800     614    7900     615
    8400     615    8400     610    9200     610    9800     603   10000     600
   10600     600   10700  572.59   10800  572.59   11000     60012531.05   607.9
12837.25  608.8913181.38  619.9913245.53  630.9613379.68  651.9513449.67  654.83
 13776.3  663.5213857.95  662.5514073.76  663.6514272.06  667.0114470.37     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10600     .15   11000     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         10600   11000             4.95    4.95    4.95             .1      .3

CROSS SECTION OUTPUT  Profile #PF 1

  E.G. Elev (ft)            759.85    Element                 Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150     0.150      0.150
  W.S. Elev (ft)            759.85    Reach Len. (ft)            4.95      4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1294497.00  70791.99   463102.90
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1294497.00  70791.99   463102.90
  Q Total (cfs)           206224.30    Flow (cfs)              142691.40   9931.22   53601.65
  Top Width (ft)          14470.37    Top Width (ft)          10600.00    400.00    3470.37
  Vel Total (ft/s)            0.11    Avg. Vel. (ft/s)            0.11      0.14       0.12
  Max Chl Dpth (ft)         187.26    Hydr. Depth (ft)          122.12    176.98     133.44
  Conv. Total (cfs)       454826900.0    Conv. (cfs)           314705400.0   21903260.0   118218200.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10647.61    405.56     3540.16
  Min Ch El (ft)            572.59    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)    15213.82    917.90    5858.08
  C & E Loss (ft)             0.00    Cum SA (acres)            122.61      5.08      43.58

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 1658.86*

INPUT
Description:
Station Elevation Data    num=      35
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720     600     680    1000     676    1300     678    2000     667
    2200     670    2800     670    3800     650    4500     650    4600     640
    4800     640    5200     620    5900     614    7800     614    7900     615
    8400     615    8400     610    9200     610    9800     603   10000     600
   10600     600   10700  572.57   10800  572.57   11000     60012531.59  607.87
12837.91  608.8713182.15  619.5713246.33  630.6213380.53  651.8713450.54  654.73
13777.28  663.5813858.97   662.614074.85   663.514273.23  666.72 14471.6     695

Manning's n Values        num=       3
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```
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10600     .15   11000     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         10600   11000             4.95    4.95    4.95            .1       .3

CROSS SECTION OUTPUT  Profile #PF 1

  E.G. Elev (ft)            759.85    Element                 Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            759.85    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1294497.00   70797.00   463517.80
  E.G. Slope (ft/ft)       0.000000   Area (sq ft)            1294497.00   70797.00   463517.80
  Q Total (cfs)            206224.30   Flow (cfs)              142644.50    9928.99    53650.82
  Top Width (ft)           14471.60   Top Width (ft)          10600.00     400.00     3471.60
  Vel Total (ft/s)             0.11   Avg. Vel. (ft/s)            0.11       0.14       0.12
  Max Chl Dpth (ft)          187.28   Hydr. Depth (ft)          122.12     176.99     133.52
  Conv. Total (cfs)       454976600.0    Conv. (cfs)           314705400.0   21905560.0   118365600.0
  Length Wtd. (ft)             4.95   Wetted Per. (ft)        10647.61     405.57     3541.47
  Min Ch El (ft)             572.57   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)    15066.71     909.85     5805.43
  C & E Loss (ft)              0.00   Cum SA (acres)            121.40       5.04      43.18


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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                RS: 1653.91*

INPUT
Description:
Station Elevation Data    num=      35
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720     600     680    1000     676    1300     678    2000     667
    2200     670    2800     670    3800     650    4500     650    4600     640
    4800     640    5200     620    5900     614    7800     614    7900     615
    8400     615    8400     610    9200     610    9800     603   10000     600
   10600     600   10700  572.54   10800  572.54   11000   60012532.13  607.83
12838.56  608.8513182.93  619.1613247.13  630.2913381.38  651.7813451.42  654.64
13778.27  663.6413859.99  662.6414075.94  663.3514274.39  666.4314472.84     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10600     .15   11000     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         10600   11000             4.95    4.95    4.95            .1       .3

CROSS SECTION OUTPUT  Profile #PF 1

  E.G. Elev (ft)            759.85    Element                 Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            759.85    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1294497.00   70804.51   463940.40
  E.G. Slope (ft/ft)       0.000000   Area (sq ft)            1294497.00   70804.51   463940.40
  Q Total (cfs)            206224.30   Flow (cfs)              142596.30    9927.19    53700.85
  Top Width (ft)           14472.84   Top Width (ft)          10600.00     400.00     3472.84
  Vel Total (ft/s)             0.11   Avg. Vel. (ft/s)            0.11       0.14       0.12
  Max Chl Dpth (ft)          187.31   Hydr. Depth (ft)          122.12     177.01     133.59
  Conv. Total (cfs)       455130500.0    Conv. (cfs)           314705400.0   21908990.0   118516100.0
  Length Wtd. (ft)             4.95   Wetted Per. (ft)        10647.61     405.58     3542.79
  Min Ch El (ft)             572.54   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)    14919.61     901.81     5752.74
  C & E Loss (ft)              0.00   Cum SA (acres)            120.20       4.99      42.79


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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                RS: 1648.96*

INPUT
Description:
Station Elevation Data    num=      35
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720     600     680    1000     676    1300     678    2000     667
    2200     670    2800     670    3800     650    4500     650    4600     640
    4800     640    5200     620    5900     614    7800     614    7900     615
    8400     615    8400     610    9200     610    9800     603   10000     600
   10600     600   10700  572.52   10800  572.52   11000   60012532.68  607.79
12839.22  608.83 13183.7  618.7413247.93  629.9613382.22  651.713452.29  654.55
13779.26   663.7   13861  662.6914077.04   663.214275.56  666.1414474.07     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10600     .15   11000     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         10600   11000             4.95    4.95    4.95            .1       .3

CROSS SECTION OUTPUT  Profile #PF 1

  E.G. Elev (ft)            759.85    Element                 Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            759.85    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1294497.00   70809.50   464362.00
  E.G. Slope (ft/ft)       0.000000   Area (sq ft)            1294497.00   70809.50   464362.00
  Q Total (cfs)            206224.30   Flow (cfs)              142548.50    9924.90    53750.89
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Top Width (ft)	14474.07	Top Width (ft)	10600.00	400.00	3474.07	
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12	
Max Chl Dpth (ft)	187.33	Hydr. Depth (ft)	122.12	177.02	133.67	
Conv. Total (cfs)	455282900.0	Conv. (cfs)	314705400.0	21911280.0	118666200.0	
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.59	3544.11	
Min Ch El (ft)	572.52	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)	14772.51	893.76	5699.99	
C & E Loss (ft)	0.00	Cum SA (acres)	118.99	4.95	42.40	

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1644.01*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	572.49	10800	572.49	11000	60012533.22		607.75
12839.87	608.8113184.48		618.3213248.73		629.6213383.07		651.6213453.16		654.46
13780.25	663.7713862.02		662.7314078.13		663.0514276.72		665.8414475.31		695

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

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

Left	Right	Left	Channel	Right	Coeff Contr.	Expan.
10600	11000		4.95	4.95	4.95	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

			Left OB	Channel	Right OB
E.G. Elev (ft)	759.85	Element			
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70817.00	464786.80
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70817.00	464786.80
Q Total (cfs)	206224.30	Flow (cfs)	142500.10	9923.08	53801.14
Top Width (ft)	14475.31	Top Width (ft)	10600.00	400.00	3475.31
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12
Max Chl Dpth (ft)	187.36	Hydr. Depth (ft)	122.12	177.04	133.74
Conv. Total (cfs)	455437700.0	Conv. (cfs)	314705400.0	21914710.0	118817600.0
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.60	3545.43
Min Ch El (ft)	572.49	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)	14625.41	885.71	5647.20
C & E Loss (ft)	0.00	Cum SA (acres)	117.79	4.90	42.00

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1639.06*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	572.47	10800	572.47	11000	60012533.77		607.72
12840.52	608.7913185.26		617.9113249.53		629.2913383.92		651.5413454.03		654.37
13781.23	663.8313863.04		662.7814079.22		662.8914277.88		665.5514476.54		695

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

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

Left	Right	Left	Channel	Right	Coeff Contr.	Expan.
10600	11000		4.95	4.95	4.95	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

			Left OB	Channel	Right OB
E.G. Elev (ft)	759.85	Element			
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70822.01	465199.40
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70822.01	465199.40
Q Total (cfs)	206224.30	Flow (cfs)	142453.50	9920.88	53849.86
Top Width (ft)	14476.54	Top Width (ft)	10600.00	400.00	3476.54
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12
Max Chl Dpth (ft)	187.38	Hydr. Depth (ft)	122.12	177.06	133.81
Conv. Total (cfs)	455586400.0	Conv. (cfs)	314705400.0	21917010.0	118964000.0
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.61	3546.75
Min Ch El (ft)	572.47	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)	14478.31	877.67	5594.36
C & E Loss (ft)	0.00	Cum SA (acres)	116.58	4.86	41.61

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: 1634.11*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	572.44	10800	572.44	11000	60012534.31		607.68
12841.18	608.7713186.03		617.4913250.33		628.9513384.76		651.46 13454.9		654.28
13782.22	663.8913864.05		662.8214080.32		662.7414279.05		665.2614477.78		695

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10600	11000	4.95	4.95	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70829.50	465624.60
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70829.50	465624.60
Q Total (cfs)	206224.30	Flow (cfs)	142405.10	9919.06	53900.11
Top Width (ft)	14477.78	Top Width (ft)	10600.00	400.00	3477.78
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12
Max Chl Dpth (ft)	187.41	Hydr. Depth (ft)	122.12	177.07	133.89
Conv. Total (cfs)	455741300.0	Conv. (cfs)	314705400.0	21920440.0	119115500.0
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.62	3548.08
Min Ch El (ft)	572.44	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)	14331.21	869.62	5541.47
C & E Loss (ft)	0.00	Cum SA (acres)	115.38	4.81	41.21

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1629.16*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	572.42	10800	572.42	11000	60012534.86		607.64
12841.83	608.7513186.81		617.0813251.13		628.6213385.61		651.3813455.77		654.19
13783.21	663.9513865.07		662.8714081.41		662.5914280.21		664.9714479.01		695

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10600	11000	4.95	4.95	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70834.51	466044.80
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70834.51	466044.80
Q Total (cfs)	206224.30	Flow (cfs)	142357.70	9916.79	53949.84
Top Width (ft)	14479.01	Top Width (ft)	10600.00	400.00	3479.01
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12
Max Chl Dpth (ft)	187.43	Hydr. Depth (ft)	122.12	177.09	133.96
Conv. Total (cfs)	455893300.0	Conv. (cfs)	314705400.0	21922730.0	119265100.0
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.63	3549.40
Min Ch El (ft)	572.42	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)	14184.11	861.57	5488.54
C & E Loss (ft)	0.00	Cum SA (acres)	114.18	4.77	40.82

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1624.21*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	572.4	10800	572.4	11000	600 12535.4		607.61

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12842.48  608.7313187.58  616.6613251.92  628.2913386.46   651.313456.64   654.1
 13784.2  664.0113866.08  662.91 14082.5  662.4414281.38  664.6714480.25     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10600     .15   11000     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         10600   11000             4.95    4.95    4.95            .1       .3

CROSS SECTION OUTPUT  Profile #PF 1

  E.G. Elev (ft)            759.85    Element                 Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.               0.150      0.150      0.150
  W.S. Elev (ft)            759.85    Reach Len. (ft)           4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)      1294497.00   70839.50   466462.20
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)           1294497.00   70839.50   466462.20
  Q Total (cfs)           206224.30    Flow (cfs)             142310.70    9914.56   53999.04
  Top Width (ft)          14480.25    Top Width (ft)         10600.00     400.00    3480.25
  Vel Total (ft/s)            0.11    Avg. Vel. (ft/s)            0.11       0.14       0.12
  Max Chl Dpth (ft)         187.45    Hydr. Depth (ft)          122.12     177.10     134.03
  Conv. Total (cfs)       456043700.0    Conv. (cfs)          314705400.0   21925020.0   119413300.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)       10647.61     405.63    3550.73
  Min Ch El (ft)            572.40    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)    14037.00     853.52    5435.55
  C & E Loss (ft)             0.00    Cum SA (acres)            112.97       4.72      40.42

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                RS: 1619.25*

INPUT
Description:
Station Elevation Data    num=      35
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720     600     680    1000     676    1300     678    2000     667
    2200     670    2800     670    3800     650    4500     650    4600     640
    4800     640    5200     620    5900     614    7800     614    7900     615
    8400     615    8400     610    9200     610    9800     603   10000     600
   10600     600   10700  572.37   10800  572.37   11000   60012535.95  607.57
12843.14  608.7113188.36  616.2413252.72  627.95 13387.3  651.2213457.52  654.01
13785.19  664.07 13867.1  662.96 14083.6  662.2814282.54  664.3814481.48     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10600     .15   11000     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         10600   11000             4.95    4.95    4.95            .1       .3

CROSS SECTION OUTPUT  Profile #PF 1

  E.G. Elev (ft)            759.85    Element                 Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.               0.150      0.150      0.150
  W.S. Elev (ft)            759.85    Reach Len. (ft)           4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)      1294497.00   70847.00   466887.80
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)           1294497.00   70847.00   466887.80
  Q Total (cfs)           206224.30    Flow (cfs)             142262.30    9912.73   54049.31
  Top Width (ft)          14481.48    Top Width (ft)         10600.00     400.00    3481.48
  Vel Total (ft/s)            0.11    Avg. Vel. (ft/s)            0.11       0.14       0.12
  Max Chl Dpth (ft)         187.48    Hydr. Depth (ft)          122.12     177.12     134.11
  Conv. Total (cfs)       456199000.0    Conv. (cfs)          314705400.0   21928450.0   119565200.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)       10647.61     405.65    3552.06
  Min Ch El (ft)            572.37    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)    13889.90     845.47    5382.52
  C & E Loss (ft)             0.00    Cum SA (acres)            111.77       4.67      40.02

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                RS: 1614.30*

INPUT
Description:
Station Elevation Data    num=      35
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720     600     680    1000     676    1300     678    2000     667
    2200     670    2800     670    3800     650    4500     650    4600     640
    4800     640    5200     620    5900     614    7800     614    7900     615
    8400     615    8400     610    9200     610    9800     603   10000     600
   10600     600   10700  572.35   10800  572.35   11000   60012536.49  607.53
12843.79   608.713189.14  615.8313253.52  627.6213388.15  651.1413458.39  653.92
13786.17  664.1413868.12     66314084.69  662.13 14283.7  664.0914482.72     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10600     .15   11000     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         10600   11000             4.95    4.95    4.95            .1       .3

CROSS SECTION OUTPUT  Profile #PF 1

  E.G. Elev (ft)            759.85    Element                 Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.               0.150      0.150      0.150
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W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95	
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70852.01	467305.30	
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70852.01	467305.30	
Q Total (cfs)	206224.30	Flow (cfs)	142215.30	9910.50	54098.50	
Top Width (ft)	14482.72	Top Width (ft)	10600.00	400.00	3482.72	
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12	
Max Chl Dpth (ft)	187.50	Hydr. Depth (ft)	122.12	177.13	134.18	
Conv. Total (cfs)	456349600.0	Conv. (cfs)	314705400.0	21930740.0	119713500.0	
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.65	3553.39	
Min Ch El (ft)	572.35	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)	13742.80	837.42	5329.44	
C & E Loss (ft)	0.00	Cum SA (acres)	110.56	4.63	39.63	

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1609.35*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	572.32	10800	572.32	11000	60012537.04		607.5
12844.44	608.6813189.91		615.4113254.32		627.28	13389	651.0513459.26		653.83
13787.16	664.213869.14		663.0514085.79		661.9814284.87		663.814483.95		695

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10600	11000	4.95	4.95	4.95	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70859.50	467721.20
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70859.50	467721.20
Q Total (cfs)	206224.30	Flow (cfs)	142168.20	9908.76	54147.33
Top Width (ft)	14483.95	Top Width (ft)	10600.00	400.00	3483.95
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12
Max Chl Dpth (ft)	187.53	Hydr. Depth (ft)	122.12	177.15	134.25
Conv. Total (cfs)	456500800.0	Conv. (cfs)	314705400.0	21934170.0	119861200.0
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.67	3554.72
Min Ch El (ft)	572.32	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)	13595.70	829.37	5276.32
C & E Loss (ft)	0.00	Cum SA (acres)	109.36	4.58	39.23

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1604.40*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	572.3	10800	572.3	11000	60012537.58		607.46
12845.1	608.6613190.69		614.9913255.12		626.9513389.84		650.9713460.13		653.74
13788.15	664.2613870.15		663.0914086.88		661.8314286.03		663.5114485.19		695

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10600	11000	4.95	4.95	4.95	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70864.51	468146.50
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70864.51	468146.50
Q Total (cfs)	206224.30	Flow (cfs)	142120.30	9906.46	54197.52
Top Width (ft)	14485.19	Top Width (ft)	10600.00	400.00	3485.19
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12
Max Chl Dpth (ft)	187.55	Hydr. Depth (ft)	122.12	177.16	134.32
Conv. Total (cfs)	456654700.0	Conv. (cfs)	314705400.0	21936460.0	120012800.0
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.67	3556.06
Min Ch El (ft)	572.30	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)	13448.60	821.31	5223.14
C & E Loss (ft)	0.00	Cum SA (acres)	108.15	4.54	38.84

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1599.45*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	572.27	10800	572.27	11000	60012538.13	607.42	
12845.75	608.6413191.46		614.5813255.92		626.6213390.69		650.89	13461	653.65
13789.14	664.3213871.17		663.1314087.97		661.67 14287.2		663.2114486.42		695

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
10600 11000 4.95 4.95 4.95 .1 .3

CROSS SECTION OUTPUT Profile #PF 1

			Left OB	Channel	Right OB
E.G. Elev (ft)	759.85	Element			
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70872.00	468573.30
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70872.00	468573.30
Q Total (cfs)	206224.30	Flow (cfs)	142071.80	9904.63	54247.86
Top Width (ft)	14486.42	Top Width (ft)	10600.00	400.00	3486.42
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12
Max Chl Dpth (ft)	187.58	Hydr. Depth (ft)	122.12	177.18	134.40
Conv. Total (cfs)	456810500.0	Conv. (cfs)	314705400.0	21939890.0	120165200.0
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.69	3557.39
Min Ch El (ft)	572.27	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)	13301.50	813.26	5169.92
C & E Loss (ft)	0.00	Cum SA (acres)	106.95	4.49	38.44

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1594.50*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	572.25	10800	572.25	11000	60012538.67	607.39	
12846.41	608.6213192.24		614.1613256.72		626.2813391.53		650.8113461.87		653.55
13790.12	664.3813872.19		663.1814089.07		661.5214288.36		662.9214487.65		695

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
10600 11000 4.95 4.95 4.95 .1 .3

CROSS SECTION OUTPUT Profile #PF 1

			Left OB	Channel	Right OB
E.G. Elev (ft)	759.85	Element			
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70877.00	468990.40
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70877.00	468990.40
Q Total (cfs)	206224.30	Flow (cfs)	142025.00	9902.40	54296.89
Top Width (ft)	14487.65	Top Width (ft)	10600.00	400.00	3487.65
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12
Max Chl Dpth (ft)	187.60	Hydr. Depth (ft)	122.12	177.19	134.47
Conv. Total (cfs)	456961100.0	Conv. (cfs)	314705400.0	21942180.0	120313500.0
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.69	3558.72
Min Ch El (ft)	572.25	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)	13154.39	805.21	5116.65
C & E Loss (ft)	0.00	Cum SA (acres)	105.74	4.45	38.04

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1589.55*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667

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    2200     670    2800     670    3800     650    4500     650    4600     640
    4800     640    5200     620    5900     614    7800     614    7900     615
    8400     615    8400     610    9200     610    9800     603   10000     600
   10600     600   10700  572.22   10800  572.22   11000     60012539.21  607.35
12847.06   608.613193.02  613.7513257.52  625.9513392.38  650.7313462.75  653.46
13791.11  664.44 13873.2  663.2214090.16  661.3714289.52  662.6314488.89     695

Manning's n Values         num=       3
     Sta   n Val      Sta   n Val      Sta   n Val
       0     .15   10600     .15   11000     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
          10600   11000             4.95    4.95    4.95            .1      .3

CROSS SECTION OUTPUT  Profile #PF 1

  E.G. Elev (ft)            759.85    Element                 Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            759.85    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1294497.00   70884.51   469414.30
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1294497.00   70884.51   469414.30
  Q Total (cfs)           206224.30    Flow (cfs)              141977.00    9900.60    54346.66
  Top Width (ft)          14488.89    Top Width (ft)          10600.00     400.00     3488.89
  Vel Total (ft/s)            0.11    Avg. Vel. (ft/s)            0.11       0.14       0.12
  Max Chl Dpth (ft)         187.63    Hydr. Depth (ft)          122.12     177.21     134.55
  Conv. Total (cfs)       457115500.0    Conv. (cfs)            314705400.0   21945610.0   120464500.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10647.61     405.71     3560.07
  Min Ch El (ft)            572.22    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)    13007.29     797.15     5063.33
  C & E Loss (ft)             0.00    Cum SA (acres)            104.54       4.40      37.65

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                RS: 1584.60*

INPUT
Description:
Station Elevation Data    num=      35
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720     600     680    1000     676    1300     678    2000     667
    2200     670    2800     670    3800     650    4500     650    4600     640
    4800     640    5200     620    5900     614    7800     614    7900     615
    8400     615    8400     610    9200     610    9800     603   10000     600
   10600     600   10700   572.2   10800   572.2   11000     60012539.76  607.31
12847.71  608.5813193.79  613.3313258.32  625.6113393.23  650.6513463.62  653.37
 13792.1  664.5113874.22  663.2714091.25  661.2214290.69  662.3414490.12     695

Manning's n Values         num=       3
     Sta   n Val      Sta   n Val      Sta   n Val
       0     .15   10600     .15   11000     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
          10600   11000             4.95    4.95    4.95            .1      .3

CROSS SECTION OUTPUT  Profile #PF 1

  E.G. Elev (ft)            759.85    Element                 Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            759.85    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1294497.00   70889.50   469837.20
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1294497.00   70889.50   469837.20
  Q Total (cfs)           206224.30    Flow (cfs)              141929.50    9898.32    54396.46
  Top Width (ft)          14490.12    Top Width (ft)          10600.00     400.00     3490.12
  Vel Total (ft/s)            0.11    Avg. Vel. (ft/s)            0.11       0.14       0.12
  Max Chl Dpth (ft)         187.65    Hydr. Depth (ft)          122.12     177.22     134.62
  Conv. Total (cfs)       457268500.0    Conv. (cfs)            314705400.0   21947900.0   120615200.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10647.61     405.72     3561.40
  Min Ch El (ft)            572.20    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)    12860.19     789.10     5009.96
  C & E Loss (ft)             0.00    Cum SA (acres)            103.33       4.36      37.25

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                RS: 1579.65*

INPUT
Description:
Station Elevation Data    num=      35
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720     600     680    1000     676    1300     678    2000     667
    2200     670    2800     670    3800     650    4500     650    4600     640
    4800     640    5200     620    5900     614    7800     614    7900     615
    8400     615    8400     610    9200     610    9800     603   10000     600
   10600     600   10700  572.17   10800  572.17   11000     600 12540.3  607.28
12848.37  608.5613194.57  612.9113259.11  625.2813394.07  650.5713464.49  653.28
13793.09  664.5713875.24  663.3114092.35  661.0714291.85  662.0514491.36     695

Manning's n Values         num=       3
     Sta   n Val      Sta   n Val      Sta   n Val
       0     .15   10600     .15   11000     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
          10600   11000             4.95    4.95    4.95            .1      .3
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CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB	
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150	
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95	
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70897.01	470253.90	
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70897.01	470253.90	
Q Total (cfs)	206224.30	Flow (cfs)	141882.60	9896.60	54445.13	
Top Width (ft)	14491.36	Top Width (ft)	10600.00	400.00	3491.36	
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12	
Max Chl Dpth (ft)	187.68	Hydr. Depth (ft)	122.12	177.24	134.69	
Conv. Total (cfs)	457419800.0	Conv. (cfs)	314705400.0	21951330.0	120763100.0	
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.73	3562.75	
Min Ch El (ft)	572.17	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)	12713.09	781.04	4956.55	
C & E Loss (ft)	0.00	Cum SA (acres)	102.13	4.31	36.85	

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1574.70*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	572.15	10800	572.15	11000	60012540.85		607.24
12849.02	608.5413195.34		612.513259.91		624.9513394.92		650.4913465.36		653.19
13794.07	664.6313876.25		663.3614093.44		660.9114293.02		661.7514492.59		695

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10600	11000	4.95	4.95	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB	
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150	
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95	
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70902.00	470680.20	
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70902.00	470680.20	
Q Total (cfs)	206224.30	Flow (cfs)	141834.70	9894.28	54495.35	
Top Width (ft)	14492.59	Top Width (ft)	10600.00	400.00	3492.59	
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12	
Max Chl Dpth (ft)	187.70	Hydr. Depth (ft)	122.12	177.26	134.77	
Conv. Total (cfs)	457574300.0	Conv. (cfs)	314705400.0	21953620.0	120915300.0	
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.74	3564.09	
Min Ch El (ft)	572.15	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)	12565.99	772.98	4903.09	
C & E Loss (ft)	0.00	Cum SA (acres)	100.93	4.27	36.46	

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1569.75*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	572.12	10800	572.12	11000	60012541.39		607.2
12849.67	608.5213196.12		612.0813260.71		624.6113395.77		650.4113466.23		653.1
13795.06	664.6913877.27		663.414094.53		660.7614294.18		661.4614493.83		695

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10600	11000	4.95	4.95	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB	
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150	
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95	
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70909.50	471107.90	
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70909.50	471107.90	
Q Total (cfs)	206224.30	Flow (cfs)	141786.30	9892.46	54545.51	
Top Width (ft)	14493.83	Top Width (ft)	10600.00	400.00	3493.83	
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12	
Max Chl Dpth (ft)	187.73	Hydr. Depth (ft)	122.12	177.27	134.84	
Conv. Total (cfs)	457730300.0	Conv. (cfs)	314705400.0	21957050.0	121067800.0	
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.75	3565.44	
Min Ch El (ft)	572.12	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)	12418.89	764.93	4849.58
C & E Loss (ft)	0.00	Cum SA (acres)	99.72	4.22	36.06

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1564.80*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	572.1	10800	572.1	11000	60012541.94		607.17
12850.33	608.5	13196.9	611.6613261.51		624.2813396.61		650.32	13467.1	653.01
13796.05	664.7513878.29		663.4514095.63		660.6114295.34		661.1714495.06		695

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10600	11000	4.95	4.95	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

			Left OB	Channel	Right OB
E.G. Elev (ft)	759.85	Element	0.150	0.150	0.150
Vel Head (ft)	0.00	Wt. n-Val.	4.95	4.95	4.95
W.S. Elev (ft)	759.85	Reach Len. (ft)	1294497.00	70914.51	471524.10
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70914.51	471524.10
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	141739.80	9890.24	54594.23
Q Total (cfs)	206224.30	Flow (cfs)	10600.00	400.00	3495.06
Top Width (ft)	14495.06	Top Width (ft)	0.11	0.14	0.12
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	122.12	177.29	134.91
Max Chl Dpth (ft)	187.75	Hydr. Depth (ft)	314705400.0	21959340.0	121215800.0
Conv. Total (cfs)	457880500.0	Conv. (cfs)	10647.61	405.76	3566.79
Length Wtd. (ft)	4.95	Wetted Per. (ft)	0.00	0.00	0.00
Min Ch El (ft)	572.10	Shear (lb/sq ft)	0.00	0.00	0.00
Alpha	1.01	Stream Power (lb/ft s)	12271.79	756.87	4796.02
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	98.52	4.17	35.66
C & E Loss (ft)	0.00	Cum SA (acres)			

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1559.85*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	572.07	10800	572.07	11000	60012542.48		607.13
12850.98	608.4813197.67		611.2513262.31		623.9413397.46		650.2413467.97		652.92
13797.04	664.81	13879.3	663.4914096.72		660.4614296.51		660.88	14496.3	695

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10600	11000	4.95	4.95	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

			Left OB	Channel	Right OB
E.G. Elev (ft)	759.85	Element	0.150	0.150	0.150
Vel Head (ft)	0.00	Wt. n-Val.	4.95	4.95	4.95
W.S. Elev (ft)	759.85	Reach Len. (ft)	1294497.00	70922.00	471950.20
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70922.00	471950.20
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	141691.80	9888.43	54644.11
Q Total (cfs)	206224.30	Flow (cfs)	10600.00	400.00	3496.30
Top Width (ft)	14496.30	Top Width (ft)	0.11	0.14	0.12
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	122.12	177.31	134.99
Max Chl Dpth (ft)	187.78	Hydr. Depth (ft)	314705400.0	21962770.0	121367700.0
Conv. Total (cfs)	458035800.0	Conv. (cfs)	10647.61	405.77	3568.14
Length Wtd. (ft)	4.95	Wetted Per. (ft)	0.00	0.00	0.00
Min Ch El (ft)	572.07	Shear (lb/sq ft)	0.00	0.00	0.00
Alpha	1.01	Stream Power (lb/ft s)	12124.68	748.81	4742.41
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	97.31	4.13	35.27
C & E Loss (ft)	0.00	Cum SA (acres)			

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1554.90*

INPUT

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Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	572.05	10800	572.05	11000	60012543.03		607.09
12851.63	608.4613198.45		610.8313263.11		623.6113398.31		650.1613468.84		652.83
13798.02	664.8813880.32		663.5414097.81		660.314297.67		660.5814497.53		695

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10600	11000	4.95	4.95	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70927.01	472377.10
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70927.01	472377.10
Q Total (cfs)	206224.30	Flow (cfs)	141643.90	9886.12	54694.26
Top Width (ft)	14497.53	Top Width (ft)	10600.00	400.00	3497.53
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12
Max Chl Dpth (ft)	187.80	Hydr. Depth (ft)	122.12	177.32	135.06
Conv. Total (cfs)	458190500.0	Conv. (cfs)	314705400.0	21965050.0	121520100.0
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.78	3569.49
Min Ch El (ft)	572.05	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)	11977.58	740.75	4688.76
C & E Loss (ft)	0.00	Cum SA (acres)	96.11	4.08	34.87

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1549.95*

INPUT
Description:
Station Elevation Data num= 35

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	572.02	10800	572.02	11000	60012543.57		607.06
12852.29	608.4413199.22		610.4213263.91		623.2813399.15		650.0813469.72		652.74
13799.01	664.9413881.34		663.5814098.91		660.1514298.84		660.2914498.77		695

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10600	11000	4.95	4.95	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	4.95	4.95	4.95
Crit W.S. (ft)		Flow Area (sq ft)	1294497.00	70934.50	472793.20
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294497.00	70934.50	472793.20
Q Total (cfs)	206224.30	Flow (cfs)	141597.20	9884.41	54742.66
Top Width (ft)	14498.77	Top Width (ft)	10600.00	400.00	3498.77
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12
Max Chl Dpth (ft)	187.83	Hydr. Depth (ft)	122.12	177.34	135.13
Conv. Total (cfs)	458341600.0	Conv. (cfs)	314705400.0	21968480.0	121667700.0
Length Wtd. (ft)	4.95	Wetted Per. (ft)	10647.61	405.79	3570.84
Min Ch El (ft)	572.02	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)	11830.48	732.69	4635.05
C & E Loss (ft)	0.00	Cum SA (acres)	94.90	4.04	34.47

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1545

INPUT
Description:
Station Elevation Data num= 30

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	600	680	1000	676	1300	678	2000	667
2200	670	2800	670	3800	650	4500	650	4600	640
4800	640	5200	620	5900	614	7800	614	7900	615
8400	615	8400	610	9200	610	9800	603	10000	600
10600	600	10700	572	10800	572	11000	600	13200	610
13400	650	13800	665	14100	660	14300	660	14500	695

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10600	.15	11000	.15

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Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.    Expan.
         10600   11000              .5      .5      .5            .1        .3

CROSS SECTION OUTPUT  Profile #PF 1

  E.G. Elev (ft)            759.85    Element                Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.               0.150      0.150      0.150
  W.S. Elev (ft)            759.85    Reach Len. (ft)           0.50       0.50       0.50
  Crit W.S. (ft)                      Flow Area (sq ft)      1294497.00  70939.50   473220.60
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)           1294497.00  70939.50   473220.60
  Q Total (cfs)           206224.30    Flow (cfs)             141549.40   9882.09    54792.83
  Top Width (ft)          14500.00    Top Width (ft)         10600.00    400.00     3500.00
  Vel Total (ft/s)            0.11    Avg. Vel. (ft/s)           0.11       0.14       0.12
  Max Chl Dpth (ft)         187.85    Hydr. Depth (ft)         122.12     177.35     135.21
  Conv. Total (cfs)      458496500.0     Conv. (cfs)          314705400.0  21970770.0  121820400.0
  Length Wtd. (ft)            0.50    Wetted Per. (ft)       10647.61    405.80     3572.19
  Min Ch El (ft)            572.00    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)   11683.38    724.63     4581.30
  C & E Loss (ft)             0.00    Cum SA (acres)            93.70      3.99       34.07


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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                RS: 1544.5*

INPUT
Description:
Station Elevation Data    num=      55
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720  588.91  680.74  600.02     680  981.51  676.18 1000.03     676
 1275.96  677.84 1300.04     678 1963.02  667.58 2000.06     667 2159.32  669.39
 2200.06     670 2748.23     670 2800.08     670 3729.74  651.41 3800.11     650
 4416.79     650 4500.13  649.99 4514.94  648.51 4600.13     640 4711.25     640
 4800.14  639.99 5103.85  624.81 5200.15     620 5790.91  614.94 5900.17     614
 7655.77     614 7753.92     614 7800.22     614 7900.23     615 8244.68     615
 8400.24  614.99 8400.24     610 9029.89     610 9200.26     610 9618.79  605.11
 9800.28     603 9815.09  602.7710000.29     600 10600.3     60010700.45     572
10800.45   57211000.45    60011417.25  601.912834.34  608.3413001.06  609.09
13201.12  610.0513251.13  620.0513401.18  650.0113667.93  660.01 13801.3  664.99
13834.64  664.4414084.72  660.2814101.39     66014301.45  660.0314501.51     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15 10600.3     .1511000.45     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.    Expan.
       10600.311000.45              .5      .5      .5            .1        .3

CROSS SECTION OUTPUT  Profile #PF 1

  E.G. Elev (ft)            759.85    Element                Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.               0.150      0.150      0.150
  W.S. Elev (ft)            759.85    Reach Len. (ft)           0.50       0.50       0.50
  Crit W.S. (ft)                      Flow Area (sq ft)      1294540.00  70965.65   473333.10
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)           1294540.00  70965.65   473333.10
  Q Total (cfs)           206224.30    Flow (cfs)             141540.90   9884.85    54798.54
  Top Width (ft)          14501.51    Top Width (ft)         10600.30    400.15     3501.06
  Vel Total (ft/s)            0.11    Avg. Vel. (ft/s)           0.11       0.14       0.12
  Max Chl Dpth (ft)         187.85    Hydr. Depth (ft)         122.12     177.35     135.20
  Conv. Total (cfs)      458541200.0     Conv. (cfs)          314717200.0  21979040.0  121844900.0
  Length Wtd. (ft)            0.50    Wetted Per. (ft)       10647.90    405.94     3573.24
  Min Ch El (ft)            572.00    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)   11668.52    723.81     4575.87
  C & E Loss (ft)             0.00    Cum SA (acres)            93.58      3.99       34.03


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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                RS: 1544.*

INPUT
Description:
Station Elevation Data    num=      56
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720  588.92  680.74  600.03     680  981.54  676.18 1000.06     676
    1276  677.84 1300.07     678 1963.07  667.58 2000.11     667 2159.38  669.39
 2200.13     670  2748.3     670 2800.16     670 3729.84   651.4 3800.22     650
 4416.92     650 4500.26  649.97 4515.07  648.49 4600.26     640 4711.38     640
 4800.27  639.99 5103.99   624.8  5200.3     620 5791.07  614.93 5900.34     614
 7655.99     614 7754.15     614 7800.44     614 7900.45     615 8244.91     615
 8244.91  614.98 8400.48  614.98 8400.48     610 9030.14     610 9200.52  609.99
 9619.07  605.11 9800.56  602.99 9815.37  602.7710000.57     600 10600.6     600
10700.91   57210800.91    57211000.91    60011417.83   601.912835.35  608.34
13002.12  609.0913202.24   610.113252.27  620.0913402.36  650.0213669.18  660.02
 13802.6  664.9913835.95  664.43 14086.1  660.2814102.78     660 14302.9  660.05
14503.02     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15 10600.6     .1511000.91     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.    Expan.
       10600.611000.91              .5      .5      .5            .1        .3

CROSS SECTION OUTPUT  Profile #PF 1
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			Left OB	Channel	Right OB
E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	0.50	0.50	0.50
Crit W.S. (ft)		Flow Area (sq ft)	1294596.00	70993.49	473458.30
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294596.00	70993.49	473458.30
Q Total (cfs)	206224.30	Flow (cfs)	141531.20	9887.62	54805.47
Top Width (ft)	14503.02	Top Width (ft)	10600.60	400.31	3502.11
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12
Max Chl Dpth (ft)	187.85	Hydr. Depth (ft)	122.12	177.35	135.19
Conv. Total (cfs)	458596500.0	Conv. (cfs)	314733600.0	21987840.0	121875100.0
Length Wtd. (ft)	0.50	Wetted Per. (ft)	10648.20	406.10	3574.27
Min Ch El (ft)	572.00	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)	11653.66	723.00	4570.44
C & E Loss (ft)	0.00	Cum SA (acres)	93.45	3.98	33.99

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1543.5*

INPUT
Description:
Station Elevation Data num= 56

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	588.94	680.74	600.05	680	981.57	676.18	1000.09	676
1276.04	677.84	1300.11	678	1963.13	667.58	2000.17	667	2159.44	669.39
2200.19	670	2748.38	670	2800.24	670	3729.95	651.4	3800.32	650
4417.04	650	4500.38	649.96	4515.2	648.48	4600.39	640	4711.51	640
4800.41	639.98	5104.14	624.79	5200.44	620	5791.24	614.93	5900.5	614
7656.21	614	7754.37	614	7800.67	614	7900.68	615	8245.15	615
8245.15	614.98	8400.72	614.98	8400.72	610	9030.4	610	9200.79	609.99
9619.34	605.11	9800.84	602.99	9815.65	602.7710000.86		60010600.91		600
10701.36	57210801.36		57211001.36		600	11418.4	601.9112836.35		608.34
13003.17	609.0913203.35		610.15	13253.4	620.1413403.54		650.0213670.44		660.02
13803.9	664.9813837.26		664.4214087.49		660.2814104.17		660.0114304.35		660.08
14504.53	695								

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.1510600.91		.1511001.36		.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10600.9111001.36		.5	.5	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

			Left OB	Channel	Right OB
E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	0.50	0.50	0.50
Crit W.S. (ft)		Flow Area (sq ft)	1294639.00	71017.77	473576.30
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294639.00	71017.77	473576.30
Q Total (cfs)	206224.30	Flow (cfs)	141522.10	9890.08	54812.08
Top Width (ft)	14504.53	Top Width (ft)	10600.91	400.45	3503.17
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12
Max Chl Dpth (ft)	187.85	Hydr. Depth (ft)	122.13	177.34	135.19
Conv. Total (cfs)	458642600.0	Conv. (cfs)	314745100.0	21995520.0	121902000.0
Length Wtd. (ft)	0.50	Wetted Per. (ft)	10648.51	406.23	3575.32
Min Ch El (ft)	572.00	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)	11638.80	722.18	4565.00
C & E Loss (ft)	0.00	Cum SA (acres)	93.33	3.98	33.95

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1543.*

INPUT
Description:
Station Elevation Data num= 56

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	588.96	680.74	600.07	680	981.59	676.18	1000.11	676
1276.07	677.84	1300.15	678	1963.19	667.58	2000.23	667	2159.51	669.39
2200.25	670	2748.46	670	2800.32	669.99	3730.05	651.4	3800.43	650
4417.17	650	4500.51	649.95	4515.33	648.47	4600.52	640	4711.65	640
4800.55	639.97	5104.29	624.79	5200.59	619.99	5791.4	614.93	5900.67	614
7656.43	614	7754.59	614.01	7800.89	614.01	7900.9	615	8245.38	615
8245.38	614.97	8400.96	614.97	8400.96	610	9030.66	610	9201.05	609.99
9619.62	605.1	9801.12	602.98	9815.93	602.7610001.14		60010601.21		600
10701.81	571.9910801.81		571.9911001.81		60011418.98		601.9112837.36		608.34
13004.23	609.113204.47		610.1913254.53		620.1813404.71		650.03	13671.7	660.03
13805.2	664.9813838.57		664.4214088.87		660.2814105.56		660.01	14305.8	660.11
14506.04	695								

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.1510601.21		.1511001.81		.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10601.2111001.81		.5	.5	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

			Left OB	Channel	Right OB
E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	0.50	0.50	0.50
Crit W.S. (ft)		Flow Area (sq ft)	1294691.00	71046.25	473698.60

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E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294691.00	71046.25	473698.60	
Q Total (cfs)	206224.30	Flow (cfs)	141512.60	9893.13	54818.57	
Top Width (ft)	14506.04	Top Width (ft)	10601.21	400.60	3504.23	
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12	
Max Chl Dpth (ft)	187.86	Hydr. Depth (ft)	122.13	177.35	135.18	
Conv. Total (cfs)	458696000.0	Conv. (cfs)	314760500.0	22004880.0	121930600.0	
Length Wtd. (ft)	0.50	Wetted Per. (ft)	10648.81	406.38	3576.37	
Min Ch El (ft)	571.99	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)	11623.94	721.37	4559.56	
C & E Loss (ft)	0.00	Cum SA (acres)	93.21	3.97	33.91	

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1542.5*

INPUT
Description:
Station Elevation Data num= 56

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	588.97	680.74	600.09	680	981.62	676.18	1000.14	676
1276.11	677.84	1300.19	678	1963.24	667.58	2000.29	667	2159.57	669.39
2200.31	670	2748.54	670	2800.4	669.99	3730.16	651.4	3800.54	650
4417.3	650	4500.64	649.94	4515.46	648.45	4600.66	640	4711.78	640
4800.68	639.97	5104.43	624.78	5200.74	619.99	5791.57	614.93	5900.84	614
7656.65	614	7754.81	614.01	7801.11	614.01	7901.13	615	8245.62	615
8245.62	614.96	8401.2	614.96	8401.2	610	9030.92	610	9201.31	609.98
9619.89	605.1	9801.4	602.98	9816.21	602.7610001.42		60010601.51		600
10702.27	571.9910802.27		571.9911002.27		60011419.56		601.9212838.37		608.35
13005.29	609.113205.59		610.2413255.67		620.2313405.89		650.0413672.96		660.04
13806.5	664.9713839.88		664.4114090.26		660.2814106.95		660.0114307.25		660.14
14507.55	695								

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.1510601.51		.1511002.27		.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10601.5111002.27		.5 .5	.5	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB	
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150	
W.S. Elev (ft)	759.85	Reach Len. (ft)	0.50	0.50	0.50	
Crit W.S. (ft)		Flow Area (sq ft)	1294736.00	71074.09	473804.40	
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294736.00	71074.09	473804.40	
Q Total (cfs)	206224.30	Flow (cfs)	141504.80	9896.16	54823.28	
Top Width (ft)	14507.55	Top Width (ft)	10601.51	400.76	3505.28	
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12	
Max Chl Dpth (ft)	187.86	Hydr. Depth (ft)	122.13	177.35	135.17	
Conv. Total (cfs)	458738900.0	Conv. (cfs)	314772700.0	22013680.0	121952500.0	
Length Wtd. (ft)	0.50	Wetted Per. (ft)	10649.11	406.53	3577.40	
Min Ch El (ft)	571.99	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)	11609.08	720.55	4554.13	
C & E Loss (ft)	0.00	Cum SA (acres)	93.09	3.97	33.87	

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1542.*

INPUT
Description:
Station Elevation Data num= 56

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	588.99	680.73	600.1	680	981.65	676.18	1000.17	676
1276.14	677.84	1300.22	678	1963.3	667.58	2000.34	667.01	2159.63	669.39
2200.38	670	2748.62	670	2800.48	669.99	3730.27	651.39	3800.65	650
4417.42	650	4500.77	649.92	4515.59	648.44	4600.79	640	4711.92	640
4800.82	639.96	5104.58	624.77	5200.89	619.99	5791.73	614.93	5901.01	614
7656.86	614	7755.03	614.01	7801.33	614.01	7901.35	615	8245.85	615
8245.85	614.95	8401.44	614.95	8401.44	610	9031.17	610	9201.57	609.98
9620.16	605.1	9801.68	602.97	9816.49	602.7510001.71		60010601.81		600
10702.72	571.9910802.72		571.9911002.72		60011420.14		601.9212839.38		608.35
13006.34	609.113206.71		610.29 13256.8		620.2713407.07		650.0513674.22		660.05
13807.79	664.9613841.19		664.414091.64		660.2814108.34		660.01 14308.7		660.16
14509.06	695								

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.1510601.81		.1511002.72		.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10601.8111002.72		.5 .5	.5	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB	
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150	
W.S. Elev (ft)	759.85	Reach Len. (ft)	0.50	0.50	0.50	
Crit W.S. (ft)		Flow Area (sq ft)	1294789.00	71100.23	473931.70	
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294789.00	71100.23	473931.70	
Q Total (cfs)	206224.30	Flow (cfs)	141495.00	9898.70	54830.64	
Top Width (ft)	14509.06	Top Width (ft)	10601.81	400.91	3506.34	
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12	

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Max Chl Dpth (ft)	187.86	Hydr. Depth (ft)	122.13	177.35	135.16	
Conv. Total (cfs)	458793400.0	Conv. (cfs)	314788100.0	22021940.0	121983400.0	
Length Wtd. (ft)	0.50	Wetted Per. (ft)	10649.41	406.68	3578.44	
Min Ch El (ft)	571.99	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)	11594.22	719.74	4548.69	
C & E Loss (ft)	0.00	Cum SA (acres)	92.97	3.97	33.83	

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1541.5*

INPUT
Description:
Station Elevation Data num= 56

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	589.01	680.73	600.12	680	981.68	676.18	1000.2	676
1276.18	677.84	1300.26	678	1963.35	667.58	2000.4	667.01	2159.69	669.4
2200.44	670	2748.7	670	2800.56	669.99	3730.37	651.39	3800.76	650
4417.55	650	4500.9	649.91	4515.72	648.43	4600.92	640	4712.05	640
4800.96	639.95	5104.72	624.76	5201.04	619.99	5791.9	614.93	5901.18	614
7657.08	614	7755.25	614.01	7801.56	614.01	7901.58	615	8246.09	615
8246.09	614.95	8401.68	614.95	8401.68	610	9031.43	610	9201.84	609.98
9620.44	605.09	9801.96	602.97	9816.77	602.75	10002	60010602.12		600
10703.17	571.9910803.17		571.9911003.17		60011420.72		601.9312840.38		608.35
13007.4	609.113207.83		610.3413257.93		620.3213408.25		650.0613675.48		660.05
13809.09	664.96 13842.5		664.414093.03		660.2714109.73		660.0114310.15		660.19
14510.57	695								

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.1510602.12		.1511003.17		.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10602.1211003.17		.5	.5	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB	
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150	
W.S. Elev (ft)	759.85	Reach Len. (ft)	0.50	0.50	0.50	
Crit W.S. (ft)		Flow Area (sq ft)	1294834.00	71124.52	474047.80	
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294834.00	71124.52	474047.80	
Q Total (cfs)	206224.30	Flow (cfs)	141486.30	9901.16	54836.86	
Top Width (ft)	14510.57	Top Width (ft)	10602.12	401.05	3507.40	
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12	
Max Chl Dpth (ft)	187.86	Hydr. Depth (ft)	122.13	177.35	135.16	
Conv. Total (cfs)	458839300.0	Conv. (cfs)	314800300.0	22029620.0	122009400.0	
Length Wtd. (ft)	0.50	Wetted Per. (ft)	10649.72	406.81	3579.49	
Min Ch El (ft)	571.99	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)	11579.35	718.92	4543.25	
C & E Loss (ft)	0.00	Cum SA (acres)	92.85	3.96	33.79	

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1541.*

INPUT
Description:
Station Elevation Data num= 56

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	589.02	680.73	600.14	680	981.71	676.18	1000.23	676
1276.22	677.84	1300.3	678	1963.41	667.58	2000.46	667.01	2159.75	669.4
2200.5	670	2748.77	670	2800.64	669.99	3730.48	651.39	3800.87	650
4417.67	650	4501.03	649.9	4515.84	648.42	4601.05	640	4712.19	640
4801.09	639.95	5104.87	624.76	5201.19	619.99	5792.06	614.93	5901.35	614
7657.3	614	7755.47	614.01	7801.78	614.01	7901.8	615	8246.32	615
8246.32	614.94	8401.92	614.94	8401.92	610	9031.69	610	9202.1	609.98
9620.71	605.09	9802.23	602.97	9817.05	602.75	10002.28	60010602.42		600
10703.62	571.9910803.62		571.9911003.62		600 11421.3		601.9312841.39		608.35
13008.46	609.113208.94		610.3913259.06		620.3613409.43		650.0713676.74		660.06
13810.39	664.9513843.81		664.3914094.41		660.2714111.12		660.02 14311.6		660.22
14512.08	695								

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.1510602.42		.1511003.62		.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10602.4211003.62		.5	.5	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB	
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150	
W.S. Elev (ft)	759.85	Reach Len. (ft)	0.50	0.50	0.50	
Crit W.S. (ft)		Flow Area (sq ft)	1294874.00	71150.66	474171.90	
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294874.00	71150.66	474171.90	
Q Total (cfs)	206224.30	Flow (cfs)	141476.10	9903.84	54844.36	
Top Width (ft)	14512.08	Top Width (ft)	10602.42	401.20	3508.46	
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12	
Max Chl Dpth (ft)	187.86	Hydr. Depth (ft)	122.13	177.34	135.15	
Conv. Total (cfs)	458887600.0	Conv. (cfs)	314810800.0	22037890.0	122038900.0	
Length Wtd. (ft)	0.50	Wetted Per. (ft)	10650.01	406.96	3580.53	
Min Ch El (ft)	571.99	Shear (lb/sq ft)	0.00	0.00	0.00	

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Alpha	1.01	Stream Power (lb/ft s)	0.00	0.00	0.00
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	11564.49	718.10	4537.81
C & E Loss (ft)	0.00	Cum SA (acres)	92.72	3.96	33.75

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1540.5*

INPUT
Description:
Station Elevation Data num= 56

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	589.04	680.73	600.15	680	981.73	676.18	1000.26	676
1276.25	677.84	1300.33	677.99	1963.47	667.57	2000.51	667.01	2159.81	669.4
2200.56	670	2748.85	670	2800.72	669.99	3730.59	651.39	3800.97	650
4417.8	650	4501.15	649.88	4515.97	648.4	4601.18	640	4712.32	640
4801.23	639.94	5105.01	624.75	5201.33	619.99	5792.23	614.92	5901.51	614
7657.52	614	7755.69	614.01	7802	614.01	7902.03	615	8246.56	615
8246.56	614.93	8402.15	614.93	8402.15	610	9031.95	610	9202.36	609.97
9620.99	605.09	9802.51	602.96	9817.33	602.7410002.57		60010602.72		600
10704.08	571.9910804.08		571.9911004.08		60011421.88		601.94	12842.4	608.36
13009.52	609.113210.06		610.44	13260.2	620.41	13410.6	650.07	13678	660.07
13811.69	664.9513845.12		664.3814095.79		660.2714112.51		660.0214313.05		660.25
14513.59	695								

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.1510602.72		.1511004.08		.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10602.7211004.08		.5	.5	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	0.50	0.50	0.50
Crit W.S. (ft)		Flow Area (sq ft)	1294932.00	71178.51	474278.70
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294932.00	71178.51	474278.70
Q Total (cfs)	206224.30	Flow (cfs)	141469.00	9906.74	54848.55
Top Width (ft)	14513.59	Top Width (ft)	10602.72	401.36	3509.51
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12
Max Chl Dpth (ft)	187.86	Hydr. Depth (ft)	122.13	177.34	135.14
Conv. Total (cfs)	458936400.0	Conv. (cfs)	314828500.0	22046690.0	122061300.0
Length Wtd. (ft)	0.50	Wetted Per. (ft)	10650.31	407.11	3581.57
Min Ch El (ft)	571.99	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)	11549.63	717.29	4532.36
C & E Loss (ft)	0.00	Cum SA (acres)	92.60	3.95	33.71

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1540.*

INPUT
Description:
Station Elevation Data num= 56

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	589.06	680.73	600.17	680	981.76	676.18	1000.29	676
1276.29	677.84	1300.37	677.99	1963.52	667.57	2000.57	667.01	2159.87	669.4
2200.63	670	2748.93	670	2800.8	669.98	3730.69	651.39	3801.08	650
4417.93	650	4501.28	649.87	4516.1	648.39	4601.31	640	4712.45	640
4801.37	639.93	5105.16	624.74	5201.48	619.99	5792.39	614.92	5901.68	614
7657.74	614	7755.91	614.02	7802.22	614.02	7902.25	615	8246.79	615
8246.79	614.92	8402.39	614.92	8402.39	610	9032.2	610	9202.62	609.97
9621.26	605.09	9802.79	602.96	9817.61	602.7410002.85		60010603.02		600
10704.53	571.9810804.53		571.9811004.53		60011422.46		601.94	12843.4	608.36
13010.57	609.113211.18		610.4813261.33		620.4513411.78		650.0813679.25		660.08
13812.99	664.9413846.42		664.3814097.18		660.27	14113.9	660.02	14314.5	660.27
14515.11	695								

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.1510603.02		.1511004.53		.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10603.0211004.53		.5	.5	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	0.50	0.50	0.50
Crit W.S. (ft)		Flow Area (sq ft)	1294979.00	71207.16	474406.40
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1294979.00	71207.16	474406.40
Q Total (cfs)	206224.30	Flow (cfs)	141458.50	9909.82	54856.02
Top Width (ft)	14515.11	Top Width (ft)	10603.02	401.51	3510.58
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12
Max Chl Dpth (ft)	187.87	Hydr. Depth (ft)	122.13	177.35	135.14
Conv. Total (cfs)	458989600.0	Conv. (cfs)	314841500.0	22056100.0	122092000.0
Length Wtd. (ft)	0.50	Wetted Per. (ft)	10650.61	407.26	3582.63
Min Ch El (ft)	571.98	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)	11534.76	716.47	4526.92
C & E Loss (ft)	0.00	Cum SA (acres)	92.48	3.95	33.67

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1539.5*

INPUT
Description:
Station Elevation Data num= 56

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	589.07	680.73	600.19	680	981.79	676.18	1000.31	676
1276.33	677.84	1300.41	677.99	1963.58	667.57	2000.63	667.01	2159.94	669.4
2200.69	670	2749.01	670	2800.88	669.98	3730.8	651.38	3801.19	650
4418.05	650	4501.41	649.86	4516.23	648.38	4601.44	640	4712.59	640
4801.5	639.92	5105.3	624.73	5201.63	619.99	5792.56	614.92	5901.85	614
7657.96	614	7756.13	614.02	7802.45	614.02	7902.48	615	8247.03	615
8247.03	614.92	8402.63	614.92	8402.63	610	9032.46	610	9202.88	609.97
9621.53	605.08	9803.07	602.95	9817.89	602.73	10003.13	600	10603.32	600
10704.99	571.98	10804.99	571.98	11004.99	600	11423.04	601.95	12844.41	608.36
13011.63	609.11	13212.3	610.53	13262.46	620.5	13412.96	650.09	13680.51	660.08
13814.29	664.93	13847.73	664.37	14098.56	660.27	14115.29	660.02	14315.95	660.3
14516.62	695								

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10603.32	.15	11004.99	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10603.32	11004.99	.5	.5	.5	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

			Left OB	Channel	Right OB
E.G. Elev (ft)	759.85	Element			
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	0.50	0.50	0.50
Crit W.S. (ft)		Flow Area (sq ft)	1295031.00	71234.84	474520.10
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1295031.00	71234.84	474520.10
Q Total (cfs)	206224.30	Flow (cfs)	141450.10	9912.69	54861.48
Top Width (ft)	14516.62	Top Width (ft)	10603.32	401.67	3511.63
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12
Max Chl Dpth (ft)	187.87	Hydr. Depth (ft)	122.13	177.35	135.13
Conv. Total (cfs)	459038800.0	Conv. (cfs)	314856700.0	22064850.0	122117300.0
Length Wtd. (ft)	0.50	Wetted Per. (ft)	10650.91	407.41	3583.66
Min Ch El (ft)	571.98	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)	11519.90	715.65	4521.47
C & E Loss (ft)	0.00	Cum SA (acres)	92.36	3.94	33.63

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1539.*

INPUT
Description:
Station Elevation Data num= 56

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	589.09	680.73	600.21	680	981.82	676.18	1000.34	676
1276.36	677.84	1300.44	677.99	1963.63	667.57	2000.68	667.01	2160	669.4
2200.75	670	2749.09	670	2800.96	669.98	3730.91	651.38	3801.3	650
4418.18	650	4501.54	649.85	4516.36	648.36	4601.57	640	4712.72	640
4801.64	639.92	5105.45	624.73	5201.78	619.98	5792.72	614.92	5902.02	614
7658.17	614	7756.36	614.02	7802.67	614.02	7902.7	615	8247.26	615
8247.26	614.91	8402.87	614.91	8402.87	610	9032.72	610	9203.15	609.96
9621.81	605.08	9803.35	602.95	9818.17	602.73	10003.42	600	10603.62	600
10705.44	571.98	10805.44	571.98	11005.44	600	11423.62	601.95	12845.42	608.36
13012.69	609.11	13213.41	610.58	13263.59	620.54	13414.14	650.11	13681.77	660.09
13815.59	664.93	13849.04	664.36	14099.95	660.27	14116.68	660.03	14317.4	660.33
14518.13	695								

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10603.62	.15	11005.44	.15

Bank Sta: Left	Right	Lengths: Left Channel	Right	Coeff Contr.	Expan.
10603.62	11005.44	.5	.5	.5	.1	.3

CROSS SECTION OUTPUT Profile #PF 1

			Left OB	Channel	Right OB
E.G. Elev (ft)	759.85	Element			
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	759.85	Reach Len. (ft)	0.50	0.50	0.50
Crit W.S. (ft)		Flow Area (sq ft)	1295076.00	71260.98	474643.20
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1295076.00	71260.98	474643.20
Q Total (cfs)	206224.30	Flow (cfs)	141440.40	9915.32	54868.58
Top Width (ft)	14518.13	Top Width (ft)	10603.62	401.82	3512.69
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12
Max Chl Dpth (ft)	187.87	Hydr. Depth (ft)	122.14	177.35	135.12
Conv. Total (cfs)	459088700.0	Conv. (cfs)	314869200.0	22073110.0	122146300.0
Length Wtd. (ft)	0.50	Wetted Per. (ft)	10651.21	407.56	3584.70
Min Ch El (ft)	571.98	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)	11505.03	714.83	4516.02
C & E Loss (ft)	0.00	Cum SA (acres)	92.24	3.94	33.59

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

CROSS SECTION

SS_Rev3.rep

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RIVER: SQUAW CREEK
REACH: SC                RS: 1538.5*

INPUT
Description:
Station Elevation Data    num=      56
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720  589.11  680.73  600.22     680  981.85  676.18 1000.37     676
  1276.4  677.84 1300.48  677.99 1963.69  667.57 2000.74  667.01 2160.06   669.4
 2200.82     670 2749.17     670 2801.04  669.98 3731.01  651.38 3801.41     650
  4418.3     650 4501.67  649.83 4516.49  648.35  4601.7     640 4712.86     640
 4801.78  639.91 5105.59  624.72 5201.93  619.98 5792.89  614.92 5902.19     614
 7658.39     614 7756.58  614.02 7802.89  614.02 7902.93     615  8247.5     615
  8247.5   614.9 8403.11   614.9 8403.11     610 9032.98     610 9203.41  609.96
 9622.08  605.08 9803.63  602.95 9818.45  602.7210003.71     60010603.93     600
10705.89  571.9810805.89  571.9811005.89     60011424.19  601.9512846.42  608.37
13013.75  609.1113214.53  610.6313264.73  620.5913415.32  650.1113683.03   660.1
13816.89  664.9213850.35  664.3614101.33  660.2714118.07  660.0314318.85  660.36
14519.64     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .1510603.93     .1511005.89     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
      10603.9311005.89               .5      .5      .5            .1      .3

CROSS SECTION OUTPUT  Profile #PF 1

  E.G. Elev (ft)            759.85    Element                 Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            759.85    Reach Len. (ft)             0.50       0.50       0.50
  Crit W.S. (ft)                      Flow Area (sq ft)      1295123.00   71285.27   474758.20
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)           1295123.00   71285.27   474758.20
  Q Total (cfs)           206224.30     Flow (cfs)            141431.90    9917.77    54874.59
  Top Width (ft)          14519.64    Top Width (ft)         10603.93     401.96    3513.75
  Vel Total (ft/s)            0.11    Avg. Vel. (ft/s)            0.11       0.14       0.12
  Max Chl Dpth (ft)         187.87    Hydr. Depth (ft)          122.14     177.34     135.11
  Conv. Total (cfs)       459134700.0    Conv. (cfs)            314881900.0   22080780.0   122172000.0
  Length Wtd. (ft)            0.50    Wetted Per. (ft)       10651.52     407.69    3585.75
  Min Ch El (ft)            571.98    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)    11490.17     714.02    4510.57
  C & E Loss (ft)             0.00    Cum SA (acres)             92.12       3.93      33.55

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                RS: 1538.*

INPUT
Description:
Station Elevation Data    num=      56
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720  589.12  680.73  600.24     680  981.87  676.18  1000.4     676
 1276.44  677.84 1300.52  677.99 1963.75  667.57  2000.8  667.01 2160.12   669.4
 2200.88     670 2749.24     670 2801.12  669.98 3731.12  651.38 3801.52     650
 4418.43     650  4501.8  649.82 4516.62  648.34 4601.84     640 4712.99     640
 4801.92   639.9 5105.74  624.71 5202.07  619.98 5793.05  614.92 5902.35     614
 7658.61     614  7756.8  614.02 7803.11  614.02 7903.15     615 8247.73     615
 8247.73  614.89 8403.35  614.89 8403.35     610 9033.23     610 9203.67  609.96
 9622.36  605.07 9803.91  602.94 9818.73  602.7210003.99     60010604.23     600
10706.34  571.9810806.34  571.9811006.34     60011424.77  601.9612847.43  608.37
 13014.8  609.1113215.65  610.6813265.86  620.63 13416.5  650.1113684.29  660.11
13818.19  664.9213851.66  664.3514102.72  660.2714119.46  660.03 14320.3  660.38
14521.15     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .1510604.23     .1511006.34     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
      10604.2311006.34               .5      .5      .5            .1      .3

CROSS SECTION OUTPUT  Profile #PF 1

  E.G. Elev (ft)            759.85    Element                 Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            759.85    Reach Len. (ft)             0.50       0.50       0.50
  Crit W.S. (ft)                      Flow Area (sq ft)      1295170.00   71311.24   474877.50
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)           1295170.00   71311.24   474877.50
  Q Total (cfs)           206224.30     Flow (cfs)            141422.80    9920.41    54881.06
  Top Width (ft)          14521.15    Top Width (ft)         10604.23     402.11    3514.81
  Vel Total (ft/s)            0.11    Avg. Vel. (ft/s)            0.11       0.14       0.12
  Max Chl Dpth (ft)         187.87    Hydr. Depth (ft)          122.14     177.34     135.11
  Conv. Total (cfs)       459183400.0    Conv. (cfs)            314895100.0   22088990.0   122199300.0
  Length Wtd. (ft)            0.50    Wetted Per. (ft)       10651.81     407.84    3586.80
  Min Ch El (ft)            571.98    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)    11475.30     713.20    4505.12
  C & E Loss (ft)             0.00    Cum SA (acres)             91.99       3.93      33.51

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                RS: 1537.5*
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INPUT
Description:
Station Elevation Data    num=      56
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720  589.14  680.72  600.26     680   981.9  676.18 1000.43     676
 1276.47  677.84 1300.56  677.99  1963.8  667.57 2000.86  667.01 2160.18   669.4
 2200.94     670 2749.32     670  2801.2  669.98 3731.22  651.38 3801.62     650
 4418.55     650 4501.92  649.81 4516.75  648.33 4601.97     640 4713.13     640
 4802.05   639.9 5105.89  624.71 5202.22  619.98 5793.22  614.92 5902.52     614
 7658.83     614 7757.02  614.02 7803.33  614.02 7903.38     615 8247.97     615
 8247.97  614.89 8403.59  614.89 8403.59     610 9033.49     610 9203.93  609.95
 9622.63  605.07 9804.19  602.94 9819.01  602.7110004.28     60010604.53     600
 10706.8  571.98 10806.8  571.98 11006.8     60011425.35  601.9612848.44  608.37
13015.86  609.1113216.77  610.7313266.99  620.6813417.67  650.1213685.55  660.11
13819.49  664.9113852.97  664.34 14104.1  660.2714120.85  660.0314321.75  660.41
14522.66     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .1510604.53     .15 11006.8     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
      10604.53 11006.8               .5      .5      .5             .1      .3

CROSS SECTION OUTPUT  Profile #PF 1

  E.G. Elev (ft)            759.85    Element                 Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            759.85    Reach Len. (ft)             0.50       0.50       0.50
  Crit W.S. (ft)                      Flow Area (sq ft)       1295214.00   71339.09   475001.90
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1295214.00   71339.09   475001.90
  Q Total (cfs)           206224.30     Flow (cfs)             141412.60    9923.26   54888.40
  Top Width (ft)          14522.66    Top Width (ft)          10604.53     402.27    3515.86
  Vel Total (ft/s)            0.11    Avg. Vel. (ft/s)            0.11       0.14       0.12
  Max Chl Dpth (ft)         187.87    Hydr. Depth (ft)          122.14     177.34     135.10
  Conv. Total (cfs)       459234200.0     Conv. (cfs)          314907200.0   22097790.0   122229200.0
  Length Wtd. (ft)            0.50    Wetted Per. (ft)        10652.11     407.99    3587.83
  Min Ch El (ft)            571.98    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)    11460.43     712.38    4499.67
  C & E Loss (ft)             0.00    Cum SA (acres)             91.87       3.92      33.47


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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 1537.*

INPUT
Description:
Station Elevation Data    num=      56
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720  589.16  680.72  600.27     680  981.93  676.18 1000.46     676
 1276.51  677.84 1300.59  677.99 1963.86  667.57 2000.91  667.01 2160.24   669.4
    2201     670  2749.4     670 2801.28  669.97 3731.33  651.37 3801.73     650
 4418.68     650 4502.05  649.79 4516.87  648.31  4602.1     640 4713.26     640
 4802.19  639.89 5106.03   624.7 5202.37  619.98 5793.38  614.91 5902.69     614
 7659.05     614 7757.24  614.02 7803.56  614.02  7903.6     615  8248.2     615
  8248.2  614.88 8403.83  614.88 8403.83     610 9033.75     610  9204.2  609.95
 9622.91  605.07 9804.47  602.93 9819.29  602.7110004.56     60010604.83     600
10707.25  571.9810807.25  571.9811007.25     60011425.93  601.9712849.45  608.37
13016.92  609.1113217.88  610.7713268.13  620.7313418.85  650.1313686.81  660.12
13820.79   664.913854.28  664.3414105.49  660.2714122.24  660.03 14323.2  660.44
14524.17     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .1510604.83     .1511007.25     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
      10604.8311007.25               .5      .5      .5             .1      .3

CROSS SECTION OUTPUT  Profile #PF 1

  E.G. Elev (ft)            759.85    Element                 Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            759.85    Reach Len. (ft)             0.50       0.50       0.50
  Crit W.S. (ft)                      Flow Area (sq ft)       1295273.00   71365.23   475116.80
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1295273.00   71365.23   475116.80
  Q Total (cfs)           206224.30     Flow (cfs)             141404.80    9925.86   54893.69
  Top Width (ft)          14524.17    Top Width (ft)          10604.83     402.42    3516.92
  Vel Total (ft/s)            0.11    Avg. Vel. (ft/s)            0.11       0.14       0.12
  Max Chl Dpth (ft)         187.87    Hydr. Depth (ft)          122.14     177.34     135.09
  Conv. Total (cfs)       459285800.0     Conv. (cfs)          314925100.0   22106050.0   122254700.0
  Length Wtd. (ft)            0.50    Wetted Per. (ft)        10652.41     408.14    3588.88
  Min Ch El (ft)            571.98    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)    11445.57     711.56    4494.22
  C & E Loss (ft)             0.00    Cum SA (acres)             91.75       3.92      33.43


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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 1536.5*

INPUT
Description:
Station Elevation Data    num=      56
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    Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
      0     720  589.17  680.72  600.29     680  981.96  676.18 1000.48     676
 1276.54  677.84 1300.63  677.99 1963.91  667.57 2000.97  667.01 2160.31   669.4
 2201.07     670 2749.48     670 2801.36  669.97 3731.44  651.37 3801.84     650
 4418.81     650 4502.18  649.78    4517   648.3 4602.23     640 4713.39     640
 4802.33  639.88 5106.18  624.69 5202.52  619.98 5793.55  614.91 5902.86     614
 7659.27     614 7757.46  614.03 7803.78  614.03 7903.83     615 8248.44     615
 8248.44  614.87 8404.07  614.87 8404.07     610    9034     610 9204.46  609.95
 9623.18  605.06 9804.75  602.93 9819.57  602.7110004.85    60010605.14     600
 10707.7  571.97 10807.7  571.97 11007.7    60011426.51  601.9712850.45  608.38
13017.98  609.11   13219  610.8213269.26  620.7713420.03  650.1413688.07  660.13
13822.08   664.913855.59  664.3314106.87  660.2714123.62  660.0414324.65  660.47
14525.68     695

Manning's n Values        num=       3
    Sta   n Val     Sta   n Val     Sta   n Val
      0     .1510605.14     .15 11007.7     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
      10605.14 11007.7               .5      .5      .5             .1      .3

CROSS SECTION OUTPUT  Profile #PF 1

  E.G. Elev (ft)            759.85    Element                 Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            759.85    Reach Len. (ft)             0.50       0.50       0.50
  Crit W.S. (ft)                      Flow Area (sq ft)       1295319.00   71392.20   475231.90
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1295319.00   71392.20   475231.90
  Q Total (cfs)           206224.30     Flow (cfs)             141395.90    9928.82   54899.56
  Top Width (ft)          14525.68    Top Width (ft)          10605.14     402.56    3517.98
  Vel Total (ft/s)            0.11    Avg. Vel. (ft/s)            0.11       0.14       0.12
  Max Chl Dpth (ft)         187.88    Hydr. Depth (ft)          122.14     177.35     135.09
  Conv. Total (cfs)       459333000.0     Conv. (cfs)          314937700.0   22114930.0   122280400.0
  Length Wtd. (ft)            0.50    Wetted Per. (ft)        10652.72     408.28    3589.92
  Min Ch El (ft)            571.97    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)    11430.70     710.74    4488.77
  C & E Loss (ft)             0.00    Cum SA (acres)             91.63       3.91      33.39


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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 1536.*

INPUT
Description:
Station Elevation Data    num=      56
    Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
      0     720  589.19  680.72  600.31     680  981.99  676.18 1000.51     676
 1276.58  677.84 1300.67  677.99 1963.97  667.57 2001.03  667.02 2160.37  669.41
 2201.13     670 2749.56     670 2801.44  669.97 3731.54  651.37 3801.95     650
 4418.93     650 4502.31  649.77 4517.13  648.29 4602.36     640 4713.53     640
 4802.46  639.88 5106.32  624.68 5202.67  619.98 5793.71  614.91 5903.03     614
 7659.48     614 7757.68  614.03    7804  614.03 7904.05     615 8248.67     615
 8248.67  614.86 8404.31  614.86 8404.31     610 9034.26     610 9204.72  609.94
 9623.45  605.06 9805.03  602.92 9819.85   602.710005.13    60010605.44     600
10708.16  571.9710808.16  571.9711008.16    60011427.09  601.9812851.46  608.38
13019.03  609.1213220.12  610.8713270.39  620.8213421.21  650.1513689.33  660.14
13823.38  664.89 13856.9  664.3214108.26  660.2714125.01  660.04 14326.1  660.49
14527.19     695

Manning's n Values        num=       3
    Sta   n Val     Sta   n Val     Sta   n Val
      0     .1510605.44     .1511008.16     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
      10605.4411008.16               .5      .5      .5             .1      .3

CROSS SECTION OUTPUT  Profile #PF 1

  E.G. Elev (ft)            759.85    Element                 Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            759.85    Reach Len. (ft)             0.50       0.50       0.50
  Crit W.S. (ft)                      Flow Area (sq ft)       1295363.00   71419.88   475345.40
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1295363.00   71419.88   475345.40
  Q Total (cfs)           206224.30     Flow (cfs)             141387.20    9931.75   54905.35
  Top Width (ft)          14527.19    Top Width (ft)          10605.44     402.72    3519.03
  Vel Total (ft/s)            0.11    Avg. Vel. (ft/s)            0.11       0.14       0.12
  Max Chl Dpth (ft)         187.88    Hydr. Depth (ft)          122.14     177.34     135.08
  Conv. Total (cfs)       459378900.0     Conv. (cfs)          314949800.0   22123670.0   122305500.0
  Length Wtd. (ft)            0.50    Wetted Per. (ft)        10653.02     408.43    3590.96
  Min Ch El (ft)            571.97    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)    11415.83     709.92    4483.31
  C & E Loss (ft)             0.00    Cum SA (acres)             91.51       3.91      33.35


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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 1535.5*

INPUT
Description:
Station Elevation Data    num=      56
    Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
      0     720  589.21  680.72  600.32     680  982.01  676.18 1000.54     676
 1276.62  677.84  1300.7  677.99 1964.03  667.57 2001.08  667.02 2160.43  669.41
 2201.19     670 2749.64     670 2801.52  669.97 3731.65  651.37 3802.06     650
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 4419.06     650 4502.44  649.76 4517.26  648.27 4602.49     640 4713.66     640
  4802.6  639.87 5106.47  624.68 5202.82  619.98 5793.88  614.91 5903.19     614
  7659.7     614  7757.9  614.03 7804.22  614.03 7904.28     615 8248.91     615
 8248.91  614.86 8404.55  614.86 8404.55     610 9034.52     610 9204.98  609.94
 9623.73  605.06 9805.31  602.92 9820.13   602.710005.42     60010605.74     600
10708.61  571.9710808.61  571.9711008.61    60011427.67  601.9812852.47  608.38
13020.09  609.1213221.24  610.9213271.53  620.8613422.39  650.1513690.58  660.14
13824.68  664.8913858.21  664.3214109.64  660.2714126.41  660.0414327.55  660.52
 14528.7     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .1510605.74     .1511008.61     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.    Expan.
      10605.7411008.61                .5      .5      .5             .1       .3

CROSS SECTION OUTPUT  Profile #PF 1

  E.G. Elev (ft)            759.85    Element                 Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            759.85    Reach Len. (ft)             0.50       0.50       0.50
  Crit W.S. (ft)                      Flow Area (sq ft)       1295403.00   71446.02   475472.40
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1295403.00   71446.02   475472.40
  Q Total (cfs)           206224.30     Flow (cfs)             141376.60    9934.40    54913.29
  Top Width (ft)          14528.70    Top Width (ft)          10605.74     402.87     3520.09
  Vel Total (ft/s)            0.11    Avg. Vel. (ft/s)            0.11       0.14       0.12
  Max Chl Dpth (ft)         187.88    Hydr. Depth (ft)          122.14     177.34     135.07
  Conv. Total (cfs)       459428200.0     Conv. (cfs)           314960000.0   22131930.0   122336300.0
  Length Wtd. (ft)            0.50    Wetted Per. (ft)        10653.32     408.58     3592.00
  Min Ch El (ft)            571.97    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)    11400.96     709.10    4477.85
  C & E Loss (ft)             0.00    Cum SA (acres)             91.39       3.91      33.31

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 1535.*

INPUT
Description:
Station Elevation Data    num=      56
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720  589.22  680.72  600.34     680  982.04  676.18 1000.57     676
 1276.65  677.84 1300.74  677.99 1964.08  667.56 2001.14  667.02 2160.49  669.41
 2201.25     670 2749.71     670  2801.6  669.97 3731.76  651.36 3802.17     650
 4419.18     650 4502.56  649.74 4517.39  648.26 4602.62     640  4713.8     640
 4802.74  639.86 5106.61  624.67 5202.96  619.97 5794.04  614.91 5903.36     614
 7659.92     614 7758.12  614.03 7804.45  614.03  7904.5     615 8249.14     615
 8249.14  614.85 8404.79  614.85 8404.79     610 9034.78     610 9205.24  609.94
    9624  605.05 9805.59  602.92 9820.41  602.69 10005.7   60010606.04     600
10709.06  571.9710809.06  571.9711009.06    60011428.25  601.9912853.47  608.38
13021.15  609.1213222.36  610.9713272.66  620.9113423.57  650.1613691.84  660.15
13825.98  664.8813859.52  664.3114111.03  660.2714127.79  660.04   14329  660.55
14530.21     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .1510606.04     .1511009.06     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.    Expan.
      10606.0411009.06                .5      .5      .5             .1       .3

CROSS SECTION OUTPUT  Profile #PF 1

  E.G. Elev (ft)            759.85    Element                 Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            759.85    Reach Len. (ft)             0.50       0.50       0.50
  Crit W.S. (ft)                      Flow Area (sq ft)       1295463.00   71472.00   475587.40
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1295463.00   71472.00   475587.40
  Q Total (cfs)           206224.30     Flow (cfs)             141368.80    9936.95    54918.53
  Top Width (ft)          14530.21    Top Width (ft)          10606.04     403.02     3521.15
  Vel Total (ft/s)            0.11    Avg. Vel. (ft/s)            0.11       0.14       0.12
  Max Chl Dpth (ft)         187.88    Hydr. Depth (ft)          122.14     177.34     135.07
  Conv. Total (cfs)       459480300.0     Conv. (cfs)           314978400.0   22140140.0   122361800.0
  Length Wtd. (ft)            0.50    Wetted Per. (ft)        10653.61     408.72     3593.05
  Min Ch El (ft)            571.97    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)    11386.09     708.28    4472.39
  C & E Loss (ft)             0.00    Cum SA (acres)             91.26       3.90      33.27

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 1534.5*

INPUT
Description:
Station Elevation Data    num=      56
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720  589.24  680.72  600.36     680  982.07  676.18  1000.6     676
 1276.69  677.84 1300.78  677.99 1964.14  667.56  2001.2  667.02 2160.55  669.41
 2201.32     670 2749.79     670 2801.68  669.97 3731.86  651.36 3802.27     650
 4419.31     650 4502.69  649.73 4517.52  648.25 4602.75     640 4713.93     640
 4802.87  639.86 5106.76  624.66 5203.11  619.97 5794.21  614.91 5903.53     614
 7660.14     614 7758.34  614.03 7804.67  614.03 7904.73     615 8249.38     615
 8249.38  614.84 8405.03  614.84 8405.03     610 9035.03     610 9205.51  609.94
```

```
 9624.28  605.05 9805.87  602.91 9820.69  602.6910005.99     60010606.34     600
10709.52  571.9710809.52  571.9711009.52     60011428.83  601.9912854.48  608.39
13022.21  609.1213223.47  611.0213273.79  620.9513424.74  650.17 13693.1  660.16
13827.28  664.8713860.83   664.314112.41  660.2714129.18  660.0414330.45  660.58
14531.72     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .1510606.34     .1511009.52     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
      10606.3411009.52                .5      .5      .5             .1      .3

CROSS SECTION OUTPUT  Profile #PF 1

  E.G. Elev (ft)             759.85    Element                  Left OB    Channel   Right OB
  Vel Head (ft)                0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)             759.85    Reach Len. (ft)            0.50       0.50       0.50
  Crit W.S. (ft)                       Flow Area (sq ft)       1295504.00   71499.84   475702.70
  E.G. Slope (ft/ft)       0.000000    Area (sq ft)            1295504.00   71499.84   475702.70
  Q Total (cfs)            206224.30     Flow (cfs)             141359.70    9939.91    54924.70
  Top Width (ft)           14531.72    Top Width (ft)          10606.34     403.18     3522.20
  Vel Total (ft/s)             0.11    Avg. Vel. (ft/s)           0.11       0.14       0.12
  Max Chl Dpth (ft)          187.88    Hydr. Depth (ft)         122.14     177.34     135.06
  Conv. Total (cfs)       459526100.0     Conv. (cfs)          314989400.0   22148930.0   122387800.0
  Length Wtd. (ft)             0.50    Wetted Per. (ft)        10653.91     408.87     3594.08
  Min Ch El (ft)             571.97    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)    11371.22     707.46     4466.94
  C & E Loss (ft)              0.00    Cum SA (acres)             91.14       3.90       33.23

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                RS: 1534.*

INPUT
Description:
Station Elevation Data    num=      56
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720  589.26  680.72  600.38     680   982.1  676.18 1000.63     676
 1276.73  677.84 1300.82  677.99 1964.19  667.56 2001.25  667.02 2160.61  669.41
 2201.38     670 2749.87     670 2801.76  669.96 3731.97  651.36 3802.38     650
 4419.44     650 4502.82  649.72 4517.65  648.24 4602.88     640 4714.07     640
 4803.01  639.85  5106.9  624.65 5203.26  619.97 5794.37  614.91  5903.7     614
 7660.36     614 7758.57  614.03 7804.89  614.03 7904.95     615 8249.61     615
 8249.61  614.83 8405.27  614.83 8405.27     610 9035.29     610 9205.77  609.93
 9624.55  605.05 9806.14  602.91 9820.97  602.6910006.27     60010606.65     600
10709.97  571.9710809.97  571.9711009.97     60011429.41     60212855.49  608.39
13023.26  609.1213224.59  611.0613274.92     62113425.92  650.1813694.36  660.17
13828.58  664.8713862.13   664.3 14113.8  660.2714130.57  660.05 14331.9   660.6
14533.23     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .1510606.65     .1511009.97     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
      10606.6511009.97                .5      .5      .5             .1      .3

CROSS SECTION OUTPUT  Profile #PF 1

  E.G. Elev (ft)             759.85    Element                  Left OB    Channel   Right OB
  Vel Head (ft)                0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)             759.85    Reach Len. (ft)            0.50       0.50       0.50
  Crit W.S. (ft)                       Flow Area (sq ft)       1295557.00   71524.13   475817.50
  E.G. Slope (ft/ft)       0.000000    Area (sq ft)            1295557.00   71524.13   475817.50
  Q Total (cfs)            206224.30     Flow (cfs)             141351.70    9942.31    54930.32
  Top Width (ft)           14533.23    Top Width (ft)          10606.65     403.32     3523.26
  Vel Total (ft/s)             0.11    Avg. Vel. (ft/s)           0.11       0.14       0.12
  Max Chl Dpth (ft)          187.88    Hydr. Depth (ft)         122.15     177.34     135.05
  Conv. Total (cfs)       459574400.0     Conv. (cfs)          315004600.0   22156600.0   122413200.0
  Length Wtd. (ft)             0.50    Wetted Per. (ft)        10654.22     409.01     3595.13
  Min Ch El (ft)             571.97    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)    11356.35     706.64     4461.47
  C & E Loss (ft)              0.00    Cum SA (acres)             91.02       3.89       33.19

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                RS: 1533.5*

INPUT
Description:
Station Elevation Data    num=      56
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720  589.27  680.71  600.39     680   982.12  676.18 1000.66     676
 1276.76  677.85 1300.85  677.99 1964.25  667.56 2001.31  667.02 2160.67  669.41
 2201.44     670 2749.95     670 2801.84  669.96 3732.07  651.36 3802.49     650
 4419.56     650 4502.95  649.71 4517.77  648.22 4603.02     640  4714.2     640
 4803.15  639.84 5107.05  624.65 5203.41  619.97 5794.54   614.9 5903.87     614
 7660.57     614 7758.79  614.03 7805.11  614.03 7905.18     615 8249.85     615
 8249.85  614.83 8405.51  614.83 8405.51     610 9035.55     610 9206.03  609.93
 9624.82  605.04 9806.42   602.9 9821.25  602.6810006.56     60010606.95     600
10710.42  571.9710810.42  571.9711010.42     60011429.99     602 12856.5  608.39
13024.32  609.1213225.71  611.1113276.06  621.04 13427.1  650.1913695.62  660.17
13829.88  664.8613863.44  664.2914115.18  660.2714131.96  660.0514333.35  660.63
```

14534.74 695

Manning's n Values num= 3
Sta n Val Sta n Val Sta n Val
0 .1510606.95 .1511010.42 .15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
10606.9511010.42 .5 .5 .5 .1 .3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB	
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150	
W.S. Elev (ft)	759.85	Reach Len. (ft)	0.50	0.50	0.50	
Crit W.S. (ft)		Flow Area (sq ft)	1295607.00	71550.27	475944.70	
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1295607.00	71550.27	475944.70	
Q Total (cfs)	206224.30	Flow (cfs)	141341.70	9944.85	54937.77	
Top Width (ft)	14534.74	Top Width (ft)	10606.95	403.47	3524.32	
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12	
Max Chl Dpth (ft)	187.88	Hydr. Depth (ft)	122.15	177.34	135.05	
Conv. Total (cfs)	459627900.0	Conv. (cfs)	315019000.0	22164860.0	122444000.0	
Length Wtd. (ft)	0.50	Wetted Per. (ft)	10654.52	409.15	3596.18	
Min Ch El (ft)	571.97	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)	11341.48	705.82	4456.01	
C & E Loss (ft)	0.00	Cum SA (acres)	90.90	3.89	33.15	

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1533.*

INPUT
Description:
Station Elevation Data num= 56

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	589.29	680.71	600.41	680	982.15	676.18	1000.68	676
1276.8	677.85	1300.89	677.99	1964.31	667.56	2001.37	667.02	2160.74	669.41
2201.5	670	2750.03	670	2801.92	669.96	3732.18	651.36	3802.6	650
4419.69	650	4503.08	649.69	4517.9	648.21	4603.15	640	4714.33	640
4803.28	639.84	5107.19	624.64	5203.56	619.97	5794.7	614.9	5904.04	614
7660.79	614	7759.01	614.04	7805.34	614.04	7905.4	615	8250.08	615
8250.08	614.82	8405.75	614.82	8405.75	610	9035.81	610	9206.29	609.93
9625.1	605.04	9806.7	602.9	9821.53	602.6810006.84		60010607.25		600
10710.88	571.9610810.88		571.9611010.88		60011430.56		602.01 12857.5		608.39
13025.38	609.1213226.83		611.1613277.19		621.0913428.28		650.213696.88		660.18
13831.18	664.8513864.75		664.2814116.57		660.2714133.35		660.05 14334.8		660.66
14536.25	695								

Manning's n Values num= 3
Sta n Val Sta n Val Sta n Val
0 .1510607.25 .1511010.88 .15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
10607.2511010.88 .5 .5 .5 .1 .3

CROSS SECTION OUTPUT Profile #PF 1

E.G. Elev (ft)	759.85	Element	Left OB	Channel	Right OB	
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150	
W.S. Elev (ft)	759.85	Reach Len. (ft)	0.50	0.50	0.50	
Crit W.S. (ft)		Flow Area (sq ft)	1295647.00	71580.62	476057.80	
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1295647.00	71580.62	476057.80	
Q Total (cfs)	206224.30	Flow (cfs)	141332.40	9948.33	54943.56	
Top Width (ft)	14536.25	Top Width (ft)	10607.25	403.63	3525.37	
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.12	
Max Chl Dpth (ft)	187.89	Hydr. Depth (ft)	122.15	177.34	135.04	
Conv. Total (cfs)	459673300.0	Conv. (cfs)	315029400.0	22174800.0	122469000.0	
Length Wtd. (ft)	0.50	Wetted Per. (ft)	10654.82	409.31	3597.21	
Min Ch El (ft)	571.96	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)	11326.61	705.00	4450.55	
C & E Loss (ft)	0.00	Cum SA (acres)	90.78	3.88	33.11	

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1532.5*

INPUT
Description:
Station Elevation Data num= 56

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	589.31	680.71	600.43	680	982.18	676.18	1000.71	676
1276.84	677.85	1300.93	677.99	1964.36	667.56	2001.43	667.02	2160.8	669.41
2201.57	670	2750.11	670	2802	669.96	3732.29	651.35	3802.71	650
4419.81	650	4503.21	649.68	4518.03	648.2	4603.28	640	4714.47	640
4803.42	639.83	5107.34	624.63	5203.71	619.97	5794.87	614.9	5904.2	614
7661.01	614	7759.23	614.04	7805.56	614.04	7905.63	615	8250.32	615
8250.32	614.81	8405.99	614.81	8405.99	610	9036.06	610	9206.56	609.92
9625.37	605.04	9806.98	602.9	9821.81	602.6710007.12		60010607.55		600
10711.33	571.9610811.33		571.9611011.33		60011431.14		602.0112858.51		608.4
13026.43	609.1313227.95		611.2113278.32		621.1313429.46		650.213698.14		660.19
13832.48	664.8513866.06		664.2814117.95		660.2714134.74		660.0514336.25		660.69
14537.76	695								

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