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```
CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                    RS: 22580.9*

INPUT
Description:
Station Elevation Data       num=      37
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     780  435.84  731.45  605.33  712.14  750.61  701.09  871.68  698.28
  897.17   698.7 1065.38   704.4 1162.24  703.83 1289.68  692.96 1355.94  687.69
 1401.82  679.31  1452.8   667.9 1457.89  667.41 1549.65  661.27 1682.19  659.24
 1743.36  659.38 1906.48  657.47  2074.7  653.31 2130.77  650.23 2180.77  639.23
 2273.08  639.23 2330.77  649.31  2380.6  650.91 2455.35  651.58 2455.35  651.11
 2579.93  652.23 2604.85  653.14 3190.38  661.82 3352.34  664.07 3476.92  666.23
 3763.46  674.27 3850.67  684.44 4623.08  777.68 4872.24  784.34 4971.91  788.22
  5121.4  792.07 5196.15  794.69

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

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

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.21    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.21    Reach Len. (ft)             46.31      46.31      46.31
  Crit W.S. (ft)                      Flow Area (sq ft)        161955.70   26629.32   207323.60
  E.G. Slope (ft/ft)      0.000001    Area (sq ft)             161955.70   26629.32   207323.60
  Q Total (cfs)           88067.63    Flow (cfs)               33088.14    7763.41   47216.09
  Top Width (ft)           4559.54    Top Width (ft)            2087.73     200.00    2271.81
  Vel Total (ft/s)            0.22    Avg. Vel. (ft/s)             0.20       0.29       0.23
  Max Chl Dpth (ft)         135.98    Hydr. Depth (ft)            77.58     133.15      91.26
  Conv. Total (cfs)       77493860.0    Conv. (cfs)             29115440.0   6831299.0   41547120.0
  Length Wtd. (ft)           46.31    Wetted Per. (ft)          2094.89     202.07    2278.59
  Min Ch El (ft)            639.23    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)    456353.70   24572.04   171548.90
  C & E Loss (ft)                     Cum SA (acres)            3724.65     146.14    1364.19


CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                    RS: 22534.6*

INPUT
Description:
Station Elevation Data       num=      37
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     780  440.56  730.97  611.89  711.43  758.74  700.72  881.12  698.85
  906.88  699.57 1076.92  706.26 1174.83  705.88 1303.64  694.25 1370.63  688.46
    1417  679.24 1468.53   667.6 1473.68  667.15 1566.43  660.85  1700.4  659.27
 1762.24  659.25 1927.13  656.72 2097.17  652.64 2153.85  650.15 2203.85  639.15
 2295.38  639.15 2353.85  649.54 2398.66   650.8 2465.89  651.53 2465.89  651.23
 2577.93  652.45 2600.33  653.16 3126.92  661.21 3272.58  663.28 3384.62  665.15
 3642.31  672.85 3720.74  683.69 4415.38  781.79 4639.46  787.68  4729.1  790.84
 4863.55  794.28 4930.77  796.46

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

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

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.21    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.21    Reach Len. (ft)             46.31      46.31      46.31
  Crit W.S. (ft)                      Flow Area (sq ft)        163527.60   26632.31   186165.50
  E.G. Slope (ft/ft)      0.000001    Area (sq ft)             163527.60   26632.31   186165.50
  Q Total (cfs)           88066.41    Flow (cfs)               35049.56    8152.65   44864.20
  Top Width (ft)           4325.67    Top Width (ft)            2110.77     200.00    2014.90
  Vel Total (ft/s)            0.23    Avg. Vel. (ft/s)             0.21       0.31       0.24
  Max Chl Dpth (ft)         136.06    Hydr. Depth (ft)            77.47     133.16      92.39
  Conv. Total (cfs)       73796480.0    Conv. (cfs)             29370270.0   6831630.0   37594580.0
  Length Wtd. (ft)           46.31    Wetted Per. (ft)          2118.22     202.11    2022.63
  Min Ch El (ft)            639.15    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)    456180.70   24543.73   171339.70
  C & E Loss (ft)                     Cum SA (acres)            3722.42     145.93    1361.91


CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                    RS: 22488.3*

INPUT
Description:
Station Elevation Data       num=      37
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     780  445.28  730.48  618.44  710.71  766.87  700.36  890.56  699.43
   916.6  700.45 1088.46  708.13 1187.41  707.94 1317.61  695.55 1385.31  689.23
 1432.19  679.17 1484.27   667.3 1489.47  666.89 1583.22  660.42 1718.62  659.29
 1781.12  659.13 1947.77  655.96 2119.64  651.97 2176.92  650.08 2226.92  639.08
 2317.69  639.08 2376.92  649.77 2416.72  650.69 2476.42  651.49 2476.42  651.34
 2575.92  652.68 2595.82  653.17 3063.46  660.61 3192.81  662.49 3292.31  664.08
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                                                                TXU_Rev1.rep
 3521.15  671.42  3590.8  682.93 4207.69  785.89 4406.69  791.01 4486.29  793.46
 4605.69  796.49 4665.38  798.23

Manning's n Values          num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15 2176.92     .15 2376.92     .15

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

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.21    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.21    Reach Len. (ft)            46.31      46.31      46.31
  Crit W.S. (ft)                      Flow Area (sq ft)       165094.50   26633.43   165167.10
  E.G. Slope (ft/ft)      0.000002    Area (sq ft)            165094.50   26633.43   165167.10
  Q Total (cfs)           88065.25    Flow (cfs)              37245.34    8588.86   42231.05
  Top Width (ft)           4100.56    Top Width (ft)           2133.80     200.00    1766.75
  Vel Total (ft/s)            0.25    Avg. Vel. (ft/s)            0.23       0.32       0.26
  Max Chl Dpth (ft)         136.13    Hydr. Depth (ft)           77.37     133.17      93.49
  Conv. Total (cfs)       70043040.0    Conv. (cfs)            29623230.0   6831185.0   33588630.0
  Length Wtd. (ft)           46.31    Wetted Per. (ft)         2141.60     202.15    1775.73
  Min Ch El (ft)            639.08    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)    456006.00   24515.41   171153.00
  C & E Loss (ft)                     Cum SA (acres)           3720.16     145.72    1359.90


CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                   RS: 22442

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

Manning's n Values          num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15    2200     .15    2400     .15

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

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.21    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)           449.00     449.00     449.00
  Crit W.S. (ft)                      Flow Area (sq ft)       166654.00   26635.96   144274.90
  E.G. Slope (ft/ft)      0.000002    Area (sq ft)            166654.00   26635.96   144274.90
  Q Total (cfs)           88064.16    Flow (cfs)              39723.05    9083.59   39257.52
  Top Width (ft)           3882.87    Top Width (ft)           2156.84     200.00    1526.02
  Vel Total (ft/s)            0.26    Avg. Vel. (ft/s)            0.24       0.34       0.27
  Max Chl Dpth (ft)         136.20    Hydr. Depth (ft)           77.27     133.18      94.54
  Conv. Total (cfs)       66228440.0    Conv. (cfs)            29873630.0   6831296.0   29523520.0
  Length Wtd. (ft)           449.00    Wetted Per. (ft)         2165.03     202.20    1536.67
  Min Ch El (ft)            639.00    Shear (lb/sq ft)            0.01       0.01       0.01
  Alpha                       1.04    Stream Power (lb/ft s)      0.00       0.00       0.00
  Frctn Loss (ft)             0.00    Cum Volume (acre-ft)    455829.70   24487.10   170988.50
  C & E Loss (ft)                     Cum SA (acres)           3717.88     145.50    1358.15


CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                   RS: 21993

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

Manning's n Values          num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15    2600     .15    2800     .15

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

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.21    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)           686.00     686.00     686.00
  Crit W.S. (ft)                      Flow Area (sq ft)       226630.70   26840.82   113444.90
  E.G. Slope (ft/ft)      0.000001    Area (sq ft)            226630.70   26840.82   113444.90
  Q Total (cfs)           88053.82    Flow (cfs)              52494.23    8002.89   27556.71
  Top Width (ft)           4000.00    Top Width (ft)           2600.00     200.00    1200.00
  Vel Total (ft/s)            0.24    Avg. Vel. (ft/s)            0.23       0.30       0.24
  Max Chl Dpth (ft)         137.20    Hydr. Depth (ft)           87.17     134.20      94.54
  Conv. Total (cfs)       73597480.0    Conv. (cfs)            43875920.0   6689005.0   23032550.0
  Length Wtd. (ft)           686.00    Wetted Per. (ft)         2623.09     212.72    1222.66
  Min Ch El (ft)            638.00    Shear (lb/sq ft)            0.01       0.01       0.01
  Alpha                       1.02    Stream Power (lb/ft s)      0.00       0.00       0.00
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  Frctn Loss (ft)              0.00    Cum Volume (acre-ft)    453802.80   24211.49   169660.30
  C & E Loss (ft)                      Cum SA (acres)           3693.37     143.44    1344.10

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 21307

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

Manning's n Values         num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15    3825     .15    4200     .15

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

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            97.50      97.50      97.50
  Crit W.S. (ft)                      Flow Area (sq ft)       338555.70   51313.79   64568.88
  E.G. Slope (ft/ft)      0.000001    Area (sq ft)            338555.70   51313.79   64568.88
  Q Total (cfs)           88035.44    Flow (cfs)              64859.16   13007.53   10168.74
  Top Width (ft)           5108.14    Top Width (ft)           3777.03     375.00     956.10
  Vel Total (ft/s)            0.19    Avg. Vel. (ft/s)            0.19       0.25       0.16
  Max Chl Dpth (ft)         140.20    Hydr. Depth (ft)           89.64     136.84      67.53
  Conv. Total (cfs)       91095540.0    Conv. (cfs)           67113660.0  13459670.0  10522210.0
  Length Wtd. (ft)           97.50    Wetted Per. (ft)         3781.94     376.61     967.73
  Min Ch El (ft)            635.00    Shear (lb/sq ft)            0.01       0.01       0.00
  Alpha                       1.05    Stream Power (lb/ft s)      0.00       0.00       0.00
  Frctn Loss (ft)             0.00    Cum Volume (acre-ft)    449352.40   23596.08   168258.50
  C & E Loss (ft)                     Cum SA (acres)           3643.15     138.91    1327.12


CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 21209.5*

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

Manning's n Values         num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15 3989.58     .15 4383.33     .15

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

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            97.50      97.50      97.50
  Crit W.S. (ft)                      Flow Area (sq ft)       353776.20   53886.07   64903.49
  E.G. Slope (ft/ft)      0.000001    Area (sq ft)            353776.20   53886.07   64903.49
  Q Total (cfs)           88032.45    Flow (cfs)              65251.14   13176.17    9605.15
  Top Width (ft)           5347.51    Top Width (ft)           3954.32     393.75     999.44
  Vel Total (ft/s)            0.19    Avg. Vel. (ft/s)            0.18       0.24       0.15
  Max Chl Dpth (ft)         140.53    Hydr. Depth (ft)           89.47     136.85      64.94
  Conv. Total (cfs)       94507090.0    Conv. (cfs)           70050250.0  14145250.0  10311590.0
  Length Wtd. (ft)           97.50    Wetted Per. (ft)         3958.79     395.03    1010.50
  Min Ch El (ft)            634.67    Shear (lb/sq ft)            0.00       0.01       0.00
  Alpha                       1.05    Stream Power (lb/ft s)      0.00       0.00       0.00
  Frctn Loss (ft)             0.00    Cum Volume (acre-ft)    448577.60   23478.35   168113.60
  C & E Loss (ft)                     Cum SA (acres)           3634.50     138.05    1324.93


CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 21112.*

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

  E.G. Elev (ft)            775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            97.50      97.50      97.50
  Crit W.S. (ft)                      Flow Area (sq ft)       369082.10   56469.55   65294.97
  E.G. Slope (ft/ft)      0.000001    Area (sq ft)            369082.10   56469.55   65294.97
  Q Total (cfs)           88029.34    Flow (cfs)              65539.70   13318.61    9171.05
  Top Width (ft)           5576.18    Top Width (ft)           4133.64     412.50    1030.04
  Vel Total (ft/s)            0.18    Avg. Vel. (ft/s)            0.18       0.24       0.14
  Max Chl Dpth (ft)         140.87    Hydr. Depth (ft)           89.29     136.90      63.39
  Conv. Total (cfs)       98037140.0    Conv. (cfs)            72990710.0  14832760.0  10213680.0
  Length Wtd. (ft)           97.50    Wetted Per. (ft)         4137.73     413.58    1040.60
  Min Ch El (ft)            634.33    Shear (lb/sq ft)            0.00       0.01       0.00
  Alpha                       1.06    Stream Power (lb/ft s)      0.00       0.00       0.00
  Frctn Loss (ft)             0.00    Cum Volume (acre-ft)    447768.60  23354.85  167967.90
  C & E Loss (ft)                     Cum SA (acres)           3625.45     137.15    1322.66


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 #Max WS

  E.G. Elev (ft)            775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            97.50      97.50      97.50
  Crit W.S. (ft)                      Flow Area (sq ft)       384455.90   59062.63   65714.80
  E.G. Slope (ft/ft)      0.000001    Area (sq ft)            384455.90   59062.63   65714.80
  Q Total (cfs)           88026.17    Flow (cfs)              65765.16   13445.20    8815.80
  Top Width (ft)           5799.22    Top Width (ft)           4315.13     431.25    1052.84
  Vel Total (ft/s)            0.17    Avg. Vel. (ft/s)            0.17       0.23       0.13
  Max Chl Dpth (ft)         141.20    Hydr. Depth (ft)           89.09     136.96      62.42
  Conv. Total (cfs)       101628800.0    Conv. (cfs)            75927800.0  15522880.0  10178100.0
  Length Wtd. (ft)           97.50    Wetted Per. (ft)         4318.88     432.19    1062.95
  Min Ch El (ft)            634.00    Shear (lb/sq ft)            0.00       0.01       0.00
  Alpha                       1.06    Stream Power (lb/ft s)      0.00       0.00       0.00
  Frctn Loss (ft)             0.00    Cum Volume (acre-ft)    446925.30  23225.55  167821.30
  C & E Loss (ft)                     Cum SA (acres)           3615.99     136.21    1320.33


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 #Max WS

  E.G. Elev (ft)            775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            97.50      97.50      97.50
  Crit W.S. (ft)                      Flow Area (sq ft)       399914.70   61666.18   66156.52
  E.G. Slope (ft/ft)      0.000001    Area (sq ft)            399914.70   61666.18   66156.52
  Q Total (cfs)           88022.93    Flow (cfs)              65983.38   13538.61    8500.95
  Top Width (ft)           6003.82    Top Width (ft)           4483.33     450.00    1070.49
  Vel Total (ft/s)            0.17    Avg. Vel. (ft/s)            0.16       0.22       0.13
  Max Chl Dpth (ft)         141.53    Hydr. Depth (ft)           89.20     137.04      61.80
  Conv. Total (cfs)       105433800.0    Conv. (cfs)            79034800.0  16216530.0  10182420.0
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  Length Wtd. (ft)          97.50    Wetted Per. (ft)         4487.94     450.85    1080.22
  Min Ch El (ft)           633.67    Shear (lb/sq ft)            0.00       0.01       0.00
  Alpha                      1.06    Stream Power (lb/ft s)      0.00       0.00       0.00
  Frctn Loss (ft)            0.00    Cum Volume (acre-ft)    446047.50   23090.44   167673.70
  C & E Loss (ft)                    Cum SA (acres)           3606.15     135.22    1317.95

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                RS: 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    97.5             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)           775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)              0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)           775.20    Reach Len. (ft)            97.50      97.50      97.50
  Crit W.S. (ft)                     Flow Area (sq ft)       415427.90   64280.87   66617.77
  E.G. Slope (ft/ft)      0.000001   Area (sq ft)            415427.90   64280.87   66617.77
  Q Total (cfs)           88019.51   Flow (cfs)              66178.03   13617.70    8223.78
  Top Width (ft)           6201.22   Top Width (ft)           4647.92     468.75    1084.55
  Vel Total (ft/s)            0.16   Avg. Vel. (ft/s)            0.16       0.21       0.12
  Max Chl Dpth (ft)         141.87   Hydr. Depth (ft)           89.38     137.13      61.42
  Conv. Total (cfs)       109327300.0   Conv. (cfs)            82198420.0   16914280.0   10214590.0
  Length Wtd. (ft)           97.50   Wetted Per. (ft)         4653.72     469.55    1093.96
  Min Ch El (ft)           633.33    Shear (lb/sq ft)            0.00       0.01       0.00
  Alpha                      1.06    Stream Power (lb/ft s)      0.00       0.00       0.00
  Frctn Loss (ft)            0.00    Cum Volume (acre-ft)    445135.00   22949.48   167525.10
  C & E Loss (ft)                    Cum SA (acres)           3595.93     134.19    1315.54

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                RS: 20722.*

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

Manning's n Values        num=       3
     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    97.5             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)           775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)              0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)           775.20    Reach Len. (ft)            97.50      97.50      97.50
  Crit W.S. (ft)                     Flow Area (sq ft)       431012.70   66905.27   67087.02
  E.G. Slope (ft/ft)      0.000001   Area (sq ft)            431012.70   66905.27   67087.02
  Q Total (cfs)           88015.89   Flow (cfs)              66350.66   13688.76    7976.47
  Top Width (ft)           6396.03   Top Width (ft)           4812.50     487.50    1096.03
  Vel Total (ft/s)            0.16   Avg. Vel. (ft/s)            0.15       0.20       0.12
  Max Chl Dpth (ft)         142.20   Hydr. Depth (ft)           89.56     137.24      61.21
  Conv. Total (cfs)       113266200.0   Conv. (cfs)            85385610.0   17615850.0   10264790.0
  Length Wtd. (ft)           97.50   Wetted Per. (ft)         4819.52     488.26    1105.17
  Min Ch El (ft)           633.00    Shear (lb/sq ft)            0.00       0.01       0.00
  Alpha                      1.06    Stream Power (lb/ft s)      0.00       0.00       0.00
  Frctn Loss (ft)            0.00    Cum Volume (acre-ft)    444187.70   22802.67   167375.50
  C & E Loss (ft)                    Cum SA (acres)           3585.34     133.12    1313.10

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                RS: 20624.5*

INPUT
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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 #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)             97.50      97.50      97.50
  Crit W.S. (ft)                      Flow Area (sq ft)       446640.70   69540.05   67561.55
  E.G. Slope (ft/ft)      0.000001    Area (sq ft)            446640.70   69540.05   67561.55
  Q Total (cfs)           88012.23    Flow (cfs)              66486.25   13750.72    7775.25
  Top Width (ft)           6583.33    Top Width (ft)           4977.08     506.25    1100.00
  Vel Total (ft/s)            0.15    Avg. Vel. (ft/s)            0.15       0.20       0.12
  Max Chl Dpth (ft)         142.53    Hydr. Depth (ft)            89.74     137.36      61.42
  Conv. Total (cfs)       117268400.0    Conv. (cfs)            88587000.0   18321610.0   10359830.0
  Length Wtd. (ft)           97.50    Wetted Per. (ft)         4985.36     506.99    1109.37
  Min Ch El (ft)            632.67    Shear (lb/sq ft)            0.00       0.00       0.00
  Alpha                       1.06    Stream Power (lb/ft s)      0.00       0.00       0.00
  Frctn Loss (ft)             0.00    Cum Volume (acre-ft)    443205.50   22649.96   167224.80
  C & E Loss (ft)                     Cum SA (acres)           3574.38     132.01    1310.64

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 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 #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)             97.50      97.50      97.50
  Crit W.S. (ft)                      Flow Area (sq ft)       462334.50   72185.95   68041.30
  E.G. Slope (ft/ft)      0.000001    Area (sq ft)            462334.50   72185.95   68041.30
  Q Total (cfs)           88008.52    Flow (cfs)              66600.65   13806.12    7601.76
  Top Width (ft)           6766.67    Top Width (ft)           5141.67     525.00    1100.00
  Vel Total (ft/s)            0.15    Avg. Vel. (ft/s)            0.14       0.19       0.11
  Max Chl Dpth (ft)         142.87    Hydr. Depth (ft)            89.92     137.50      61.86
  Conv. Total (cfs)       121321000.0    Conv. (cfs)            91809910.0   19031920.0   10479130.0
  Length Wtd. (ft)           97.50    Wetted Per. (ft)         5151.25     525.73    1109.94
  Min Ch El (ft)            632.33    Shear (lb/sq ft)            0.00       0.00       0.00
  Alpha                       1.06    Stream Power (lb/ft s)      0.00       0.00       0.00
  Frctn Loss (ft)             0.00    Cum Volume (acre-ft)    442188.20   22491.35   167073.00
  C & E Loss (ft)                     Cum SA (acres)           3563.06     130.86    1308.18

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 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
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CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)           97.50      97.50      97.50
  Crit W.S. (ft)                      Flow Area (sq ft)      478076.10   74841.57   68516.42
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)           478076.10   74841.57   68516.42
  Q Total (cfs)           88004.70    Flow (cfs)             66708.44   13858.66    7437.61
  Top Width (ft)           6950.00    Top Width (ft)          5306.25     543.75    1100.00
  Vel Total (ft/s)            0.14    Avg. Vel. (ft/s)           0.14       0.19       0.11
  Max Chl Dpth (ft)         143.20    Hydr. Depth (ft)          90.10     137.64      62.29
  Conv. Total (cfs)       125392500.0    Conv. (cfs)          95048790.0   19746360.0   10597400.0
  Length Wtd. (ft)           97.50    Wetted Per. (ft)        5317.15     544.48    1110.57
  Min Ch El (ft)            632.00    Shear (lb/sq ft)           0.00       0.00       0.00
  Alpha                       1.05    Stream Power (lb/ft s)     0.00       0.00       0.00
  Frctn Loss (ft)             0.00    Cum Volume (acre-ft)   441135.70   22326.81   166920.20
  C & E Loss (ft)                     Cum SA (acres)          3551.37     129.66    1305.72

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

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    97.5             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)           97.50      97.50      97.50
  Crit W.S. (ft)                      Flow Area (sq ft)      493903.00   77507.68   68993.17
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)           493903.00   77507.68   68993.17
  Q Total (cfs)           88000.72    Flow (cfs)             66811.18   13907.28    7282.26
  Top Width (ft)           7133.33    Top Width (ft)          5470.83     562.50    1100.00
  Vel Total (ft/s)            0.14    Avg. Vel. (ft/s)           0.14       0.18       0.11
  Max Chl Dpth (ft)         143.53    Hydr. Depth (ft)          90.28     137.79      62.72
  Conv. Total (cfs)       129497400.0    Conv. (cfs)          98315930.0   20465250.0   10716200.0
  Length Wtd. (ft)           97.50    Wetted Per. (ft)        5483.07     563.24    1111.25
  Min Ch El (ft)            631.67    Shear (lb/sq ft)           0.00       0.00       0.00
  Alpha                       1.05    Stream Power (lb/ft s)     0.00       0.00       0.00
  Frctn Loss (ft)             0.00    Cum Volume (acre-ft)   440047.90   22156.30   166766.30
  C & E Loss (ft)                     Cum SA (acres)          3539.31     128.42    1303.26

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 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    97.5             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)           97.50      97.50      97.50
  Crit W.S. (ft)                      Flow Area (sq ft)      509770.30   80184.73   69472.85
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)           509770.30   80184.73   69472.85
  Q Total (cfs)           87996.61    Flow (cfs)             66906.67   13953.93    7136.01
  Top Width (ft)           7316.67    Top Width (ft)          5635.42     581.25    1100.00
  Vel Total (ft/s)            0.13    Avg. Vel. (ft/s)           0.13       0.17       0.10
  Max Chl Dpth (ft)         143.87    Hydr. Depth (ft)          90.46     137.95      63.16
  Conv. Total (cfs)       133621100.0    Conv. (cfs)         101596400.0   21188770.0   10835880.0
  Length Wtd. (ft)           97.50    Wetted Per. (ft)        5649.04     582.00    1111.98
  Min Ch El (ft)            631.33    Shear (lb/sq ft)           0.00       0.00       0.00
  Alpha                       1.05    Stream Power (lb/ft s)     0.00       0.00       0.00
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  Frctn Loss (ft)              0.00    Cum Volume (acre-ft)    438924.70   21979.82   166611.30
  C & E Loss (ft)                      Cum SA (acres)           3526.88     127.14     1300.80

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 20137

INPUT
Description:
Station Elevation Data     num=      14
     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  335.02            .1       .3
Ineffective Flow     num=       1
   Sta L   Sta R    Elev  Permanent
       0    3400     762       F

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            335.02     335.02     335.02
  Crit W.S. (ft)                      Flow Area (sq ft)       525699.60   82871.51   69947.77
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            525699.60   82871.51   69947.77
  Q Total (cfs)           87992.38    Flow (cfs)              66997.82   13998.01    6996.55
  Top Width (ft)           7500.00    Top Width (ft)           5800.00     600.00    1100.00
  Vel Total (ft/s)            0.13    Avg. Vel. (ft/s)            0.13       0.17       0.10
  Max Chl Dpth (ft)         144.20    Hydr. Depth (ft)           90.64     138.12      63.59
  Conv. Total (cfs)       137768700.0    Conv. (cfs)            104897800.0   21916540.0   10954430.0
  Length Wtd. (ft)          335.02    Wetted Per. (ft)         5815.01     600.77    1112.77
  Min Ch El (ft)            631.00    Shear (lb/sq ft)            0.00       0.00       0.00
  Alpha                       1.05    Stream Power (lb/ft s)      0.00       0.00       0.00
  Frctn Loss (ft)             0.00    Cum Volume (acre-ft)    437765.80   21797.34   166455.30
  C & E Loss (ft)                     Cum SA (acres)           3514.08     125.82    1298.33

Warning: The cross-section end points had to be extended vertically for the computed water surface.
Warning: The conveyance ratio (upstream conveyance divided by downstream conveyance) is less than
         0.7 or greater than 1.4.  This may indicate the need for additional cross sections.

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     589            .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            589.00     589.00     589.00
  Crit W.S. (ft)                      Flow Area (sq ft)       284044.90   55830.81   82972.23
  E.G. Slope (ft/ft)      0.000001    Area (sq ft)            284044.90   55830.81   82972.23
  Q Total (cfs)           87980.65    Flow (cfs)              58885.82   14690.83   14404.00
  Top Width (ft)           4415.03    Top Width (ft)           2915.03     400.00    1100.00
  Vel Total (ft/s)            0.21    Avg. Vel. (ft/s)            0.21       0.26       0.17
  Max Chl Dpth (ft)         145.20    Hydr. Depth (ft)           97.44     139.58      75.43
  Conv. Total (cfs)       88903470.0    Conv. (cfs)             59503470.0   14844920.0   14555080.0
  Length Wtd. (ft)          589.00    Wetted Per. (ft)         2920.85     401.49    1113.44
  Min Ch El (ft)            630.00    Shear (lb/sq ft)            0.01       0.01       0.00
  Alpha                       1.05    Stream Power (lb/ft s)      0.00       0.00       0.00
  Frctn Loss (ft)             0.00    Cum Volume (acre-ft)    434652.00   21263.96   165867.30
  C & E Loss (ft)                     Cum SA (acres)           3480.57     121.97    1289.87

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 19213

INPUT
Description:
Station Elevation Data     num=      20
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
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       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     290             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)           290.00     290.00     290.00
  Crit W.S. (ft)                      Flow Area (sq ft)       297663.10   42760.35   89701.50
  E.G. Slope (ft/ft)      0.000001    Area (sq ft)            297663.10   42760.35   89701.50
  Q Total (cfs)           87966.35    Flow (cfs)              64012.06   10723.67   13230.62
  Top Width (ft)           4292.09    Top Width (ft)           2600.00     300.00    1392.09
  Vel Total (ft/s)            0.20    Avg. Vel. (ft/s)            0.22       0.25       0.15
  Max Chl Dpth (ft)         146.20    Hydr. Depth (ft)          114.49     142.53      64.44
  Conv. Total (cfs)       94477060.0    Conv. (cfs)            68749830.0   11517370.0   14209870.0
  Length Wtd. (ft)          290.00    Wetted Per. (ft)         2644.00     301.60    1402.72
  Min Ch El (ft)            629.00    Shear (lb/sq ft)            0.01       0.01       0.00
  Alpha                       1.07    Stream Power (lb/ft s)      0.00       0.00       0.00
  Frctn Loss (ft)             0.00    Cum Volume (acre-ft)    430719.20   20597.41   164699.90
  C & E Loss (ft)                     Cum SA (acres)           3443.28     117.24    1273.03

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 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      59             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            59.00      59.00      59.00
  Crit W.S. (ft)                      Flow Area (sq ft)       301798.70   57955.57   195512.80
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            301798.70   57955.57   195512.80
  Q Total (cfs)           87958.30    Flow (cfs)              48741.07   10956.38   28260.84
  Top Width (ft)           5000.00    Top Width (ft)           2600.00     400.00    2000.00
  Vel Total (ft/s)            0.16    Avg. Vel. (ft/s)            0.16       0.19       0.14
  Max Chl Dpth (ft)         147.20    Hydr. Depth (ft)          116.08     144.89      97.76
  Conv. Total (cfs)       127026400.0    Conv. (cfs)            70390200.0   15822840.0   40813350.0
  Length Wtd. (ft)           59.00    Wetted Per. (ft)         2641.68     400.56    2021.11
  Min Ch El (ft)            628.00    Shear (lb/sq ft)            0.00       0.00       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)    428723.70   20262.15   163750.50
  C & E Loss (ft)                     Cum SA (acres)           3425.97     114.91    1261.73

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 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  172.67             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)           172.67     172.67     172.67
  Crit W.S. (ft)                      Flow Area (sq ft)       420930.70   26010.25   166277.30
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E.G. Slope (ft/ft)	0.000000	Area (sq ft)	420930.70	26010.25	166277.30
Q Total (cfs)	87956.27	Flow (cfs)	60109.52	4685.38	23161.38
Top Width (ft)	5800.00	Top Width (ft)	4000.00	175.00	1625.00
Vel Total (ft/s)	0.14	Avg. Vel. (ft/s)	0.14	0.18	0.14
Max Chl Dpth (ft)	149.20	Hydr. Depth (ft)	105.23	148.63	102.32
Conv. Total (cfs)	135391500.0	Conv. (cfs)	92526830.0	7212223.0	35652410.0
Length Wtd. (ft)	172.67	Wetted Per. (ft)	4026.99	175.64	1651.22
Min Ch El (ft)	626.00	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)	428234.30	20205.29	163505.40
C & E Loss (ft)		Cum SA (acres)	3421.50	114.52	1259.28

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 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 #Max WS

E.G. Elev (ft)	775.20	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	775.20	Reach Len. (ft)	172.67	172.67	172.67
Crit W.S. (ft)		Flow Area (sq ft)	574980.30	22555.23	182638.10
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	574980.30	22555.23	182638.10
Q Total (cfs)	87949.02	Flow (cfs)	64166.99	3223.57	20558.47
Top Width (ft)	7466.67	Top Width (ft)	5583.33	150.00	1733.34
Vel Total (ft/s)	0.11	Avg. Vel. (ft/s)	0.11	0.14	0.11
Max Chl Dpth (ft)	151.20	Hydr. Depth (ft)	102.98	150.37	105.37
Conv. Total (cfs)	171044800.0	Conv. (cfs)	124793100.0	6269259.0	39982480.0
Length Wtd. (ft)	172.67	Wetted Per. (ft)	5606.64	151.76	1758.04
Min Ch El (ft)	624.00	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)	426260.40	20109.03	162813.90
C & E Loss (ft)		Cum SA (acres)	3402.51	113.88	1252.62

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 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 #Max WS

E.G. Elev (ft)	775.20	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	775.20	Reach Len. (ft)	172.67	172.67	172.67
Crit W.S. (ft)		Flow Area (sq ft)	721906.40	19016.82	199664.80
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	721906.40	19016.82	199664.80
Q Total (cfs)	87940.02	Flow (cfs)	66489.43	2257.28	19193.32
Top Width (ft)	9133.33	Top Width (ft)	7166.67	125.00	1841.66
Vel Total (ft/s)	0.09	Avg. Vel. (ft/s)	0.09	0.12	0.10
Max Chl Dpth (ft)	153.20	Hydr. Depth (ft)	100.73	152.13	108.42
Conv. Total (cfs)	204314600.0	Conv. (cfs)	154477600.0	5244423.0	44592610.0
Length Wtd. (ft)	172.67	Wetted Per. (ft)	7190.52	129.47	1865.16
Min Ch El (ft)	622.00	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)	423690.00	20026.63	162056.20
C & E Loss (ft)		Cum SA (acres)	3377.24	113.33	1245.54

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 18346

INPUT
Description:
Station Elevation Data num= 30

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

Manning's n Values 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 421 421 421 .1 .3
Ineffective Flow num= 1

Sta L	Sta R	Elev	Permanent
0	6400	670	F

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	775.20	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	775.20	Reach Len. (ft)	421.00	421.00	421.00
Crit W.S. (ft)		Flow Area (sq ft)	861687.40	15395.14	217342.80
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	861687.40	15395.14	217342.80
Q Total (cfs)	87929.27	Flow (cfs)	67911.98	1519.12	18498.18
Top Width (ft)	10800.00	Top Width (ft)	8750.00	100.00	1950.00
Vel Total (ft/s)	0.08	Avg. Vel. (ft/s)	0.08	0.10	0.09
Max Chl Dpth (ft)	155.20	Hydr. Depth (ft)	98.48	153.95	111.46
Conv. Total (cfs)	235215200.0	Conv. (cfs)	181667900.0	4063714.0	49483560.0
Length Wtd. (ft)	421.00	Wetted Per. (ft)	8776.33	111.93	1972.55
Min Ch El (ft)	620.00	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)	420551.30	19958.43	161229.70
C & E Loss (ft)		Cum SA (acres)	3345.69	112.89	1238.02

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 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 414 414 414 .1 .3
Ineffective Flow num= 1

Sta L	Sta R	Elev	Permanent
0	4200	670	F

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	775.20	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	775.20	Reach Len. (ft)	414.00	414.00	414.00
Crit W.S. (ft)		Flow Area (sq ft)	701133.10	28296.25	311923.70
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	701133.10	28296.25	311923.70
Q Total (cfs)	87902.40	Flow (cfs)	57905.31	2761.96	27235.13
Top Width (ft)	9200.00	Top Width (ft)	6420.00	180.00	2600.00
Vel Total (ft/s)	0.08	Avg. Vel. (ft/s)	0.08	0.10	0.09
Max Chl Dpth (ft)	157.20	Hydr. Depth (ft)	109.21	157.20	119.97
Conv. Total (cfs)	240621900.0	Conv. (cfs)	158508600.0	7560513.0	74552780.0
Length Wtd. (ft)	414.00	Wetted Per. (ft)	6430.99	202.00	2631.97
Min Ch El (ft)	618.00	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)	412999.10	19747.30	158672.00
C & E Loss (ft)		Cum SA (acres)	3272.38	111.53	1216.03

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 17511

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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     441              .1       .3
Ineffective Flow     num=       1
   Sta L   Sta R    Elev  Permanent
       0    5100     670       F

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            441.00     441.00     441.00
  Crit W.S. (ft)                      Flow Area (sq ft)       712733.20   46160.35   327643.20
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            712733.20   46160.35   327643.20
  Q Total (cfs)           87878.30    Flow (cfs)               54858.90    4679.96   28339.44
  Top Width (ft)          10000.00    Top Width (ft)            7000.00     300.00    2700.00
  Vel Total (ft/s)            0.08    Avg. Vel. (ft/s)            0.08       0.10       0.09
  Max Chl Dpth (ft)         158.20    Hydr. Depth (ft)          101.82     153.87     121.35
  Conv. Total (cfs)       245635700.0    Conv. (cfs)           153340500.0   13081330.0   79213840.0
  Length Wtd. (ft)          441.00    Wetted Per. (ft)         7041.87     301.68    2717.42
  Min Ch El (ft)            617.00    Shear (lb/sq ft)            0.00       0.00       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)    406280.30   19393.47   155632.80
  C & E Loss (ft)                     Cum SA (acres)            3208.61     109.25    1190.85

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 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     411              .1       .3
Ineffective Flow     num=       1
   Sta L   Sta R    Elev  Permanent
       0    6300     670       F

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            411.00     411.00     411.00
  Crit W.S. (ft)                      Flow Area (sq ft)       884934.90   31700.23   539489.60
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            884934.90   31700.23   539489.60
  Q Total (cfs)           87847.44    Flow (cfs)               51879.09    2361.51   33606.84
  Top Width (ft)          13464.34    Top Width (ft)            8500.00     200.00    4764.34
  Vel Total (ft/s)            0.06    Avg. Vel. (ft/s)            0.06       0.07       0.06
  Max Chl Dpth (ft)         159.20    Hydr. Depth (ft)          104.11     158.50     113.23
  Conv. Total (cfs)       326626400.0    Conv. (cfs)           192892100.0    8780359.0   124953900.0
  Length Wtd. (ft)          411.00    Wetted Per. (ft)         8573.58     214.41    4771.87
  Min Ch El (ft)            616.00    Shear (lb/sq ft)            0.00       0.00       0.00
  Alpha                       1.01    Stream Power (lb/ft s)      0.00       0.00       0.00
  Frctn Loss (ft)             0.00    Cum Volume (acre-ft)    398193.00   18999.35   151243.40
  C & E Loss (ft)                     Cum SA (acres)            3130.15     106.72    1153.06

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 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
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    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     492             .1       .3
Ineffective Flow     num=       1
   Sta L   Sta R    Elev  Permanent
       0    4500     670       F

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)          492.00     492.00     492.00
  Crit W.S. (ft)                      Flow Area (sq ft)      787773.00   32190.22   430691.00
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)           787773.00   32190.22   430691.00
  Q Total (cfs)           87816.70    Flow (cfs)             54263.79    2687.37   30865.54
  Top Width (ft)          11112.90    Top Width (ft)          7200.00     200.00    3712.90
  Vel Total (ft/s)            0.07    Avg. Vel. (ft/s)           0.07       0.08       0.07
  Max Chl Dpth (ft)         163.20    Hydr. Depth (ft)         109.41     160.95     116.00
  Conv. Total (cfs)       288346000.0    Conv. (cfs)          178175100.0   8823968.0   101347000.0
  Length Wtd. (ft)          492.00    Wetted Per. (ft)        7220.85     221.14    3720.10
  Min Ch El (ft)            612.00    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)   390301.80   18697.93   146666.40
  C & E Loss (ft)                     Cum SA (acres)          3056.08     104.84    1113.07

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 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 #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)          568.00     568.00     568.00
  Crit W.S. (ft)                      Flow Area (sq ft)      822397.10   33912.21   395351.00
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)           822397.10   33912.21   395351.00
  Q Total (cfs)           87784.34    Flow (cfs)             55647.08    2767.87   29369.40
  Top Width (ft)          10400.00    Top Width (ft)          7200.00     210.00    2990.00
  Vel Total (ft/s)            0.07    Avg. Vel. (ft/s)           0.07       0.08       0.07
  Max Chl Dpth (ft)         164.20    Hydr. Depth (ft)         114.22     161.49     132.22
  Conv. Total (cfs)       301786700.0    Conv. (cfs)          191304600.0   9515423.0   100966700.0
  Length Wtd. (ft)          568.00    Wetted Per. (ft)        7227.23     224.96    3020.27
  Min Ch El (ft)            611.00    Shear (lb/sq ft)           0.00       0.00       0.00
  Alpha                       1.01    Stream Power (lb/ft s)     0.00       0.00       0.00
  Frctn Loss (ft)             0.00    Cum Volume (acre-ft)   381208.50   18324.63   142001.40
  C & E Loss (ft)                     Cum SA (acres)          2974.76     102.52    1075.22

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 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
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      0    4200     670       F

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)          798.00     798.00     798.00
  Crit W.S. (ft)                      Flow Area (sq ft)       905522.40   39875.25   377799.30
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            905522.40   39875.25   377799.30
  Q Total (cfs)           87746.83    Flow (cfs)              59494.78    3146.24    25105.81
  Top Width (ft)          10768.22    Top Width (ft)           7450.00     250.00     3068.22
  Vel Total (ft/s)            0.07    Avg. Vel. (ft/s)            0.07       0.08       0.07
  Max Chl Dpth (ft)         165.20    Hydr. Depth (ft)         121.55     159.50     123.13
  Conv. Total (cfs)       322976900.0   Conv. (cfs)            218987300.0   11580610.0   92409020.0
  Length Wtd. (ft)          798.00    Wetted Per. (ft)         7507.16     251.20     3079.20
  Min Ch El (ft)            610.00    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)    369942.90   17843.55   136960.70
  C & E Loss (ft)                     Cum SA (acres)           2879.25      99.52     1035.72

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 14801

INPUT
Description:
Station Elevation Data    num=      22
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       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     478             .1       .3
Ineffective Flow     num=       1
   Sta L   Sta R    Elev  Permanent
       0    4400     670       F

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)          478.00     478.00     478.00
  Crit W.S. (ft)                      Flow Area (sq ft)       900797.10   32910.18   378414.80
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            900797.10   32910.18   378414.80
  Q Total (cfs)           87692.41    Flow (cfs)              58889.77    2653.56    26149.07
  Top Width (ft)          10874.16    Top Width (ft)           7700.00     200.00     2974.16
  Vel Total (ft/s)            0.07    Avg. Vel. (ft/s)            0.07       0.08       0.07
  Max Chl Dpth (ft)         166.20    Hydr. Depth (ft)         116.99     164.55     127.23
  Conv. Total (cfs)       317143900.0   Conv. (cfs)            212977700.0   9596719.0   94569400.0
  Length Wtd. (ft)          478.00    Wetted Per. (ft)         7725.42     206.06     2986.42
  Min Ch El (ft)            609.00    Shear (lb/sq ft)            0.00       0.00       0.00
  Alpha                       1.01    Stream Power (lb/ft s)      0.00       0.00       0.00
  Frctn Loss (ft)             0.00    Cum Volume (acre-ft)    353397.40   17176.85   130034.00
  C & E Loss (ft)                     Cum SA (acres)           2740.47      95.40      980.37

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 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     402             .1       .3
Ineffective Flow     num=       1
   Sta L   Sta R    Elev  Permanent
       0    4350     670       F

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)          402.00     402.00     402.00
  Crit W.S. (ft)                      Flow Area (sq ft)       944657.40   49560.28   349071.30
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            944657.40   49560.28   349071.30
  Q Total (cfs)           87658.72    Flow (cfs)              60707.07    3978.01    22973.64
  Top Width (ft)          11163.08    Top Width (ft)           8000.00     300.00     2863.08
  Vel Total (ft/s)            0.07    Avg. Vel. (ft/s)            0.06       0.08       0.07
  Max Chl Dpth (ft)         167.20    Hydr. Depth (ft)         118.08     165.20     121.92
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  Conv. Total (cfs)       323679000.0    Conv. (cfs)            224160300.0   14688750.0   84829940.0
  Length Wtd. (ft)          402.00    Wetted Per. (ft)         8057.56      302.84     2872.88
  Min Ch El (ft)            608.00    Shear (lb/sq ft)            0.00        0.00        0.00
  Alpha                       1.01    Stream Power (lb/ft s)      0.00        0.00        0.00
  Frctn Loss (ft)             0.00    Cum Volume (acre-ft)    343272.00   16724.36   126042.50
  C & E Loss (ft)                     Cum SA (acres)           2654.33      92.66      948.35

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 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 #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)          417.00     417.00     417.00
  Crit W.S. (ft)                      Flow Area (sq ft)       958726.60   49810.24   304381.90
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            958726.60   49810.24   304381.90
  Q Total (cfs)           87630.45    Flow (cfs)              62711.89    4072.18   20846.39
  Top Width (ft)          10800.00    Top Width (ft)           8100.00     300.00    2400.00
  Vel Total (ft/s)            0.07    Avg. Vel. (ft/s)            0.07       0.08       0.07
  Max Chl Dpth (ft)         168.20    Hydr. Depth (ft)         118.36     166.03     126.83
  Conv. Total (cfs)       318413200.0    Conv. (cfs)            227869300.0   14796640.0   75747230.0
  Length Wtd. (ft)          417.00    Wetted Per. (ft)         8157.63     303.32    2417.42
  Min Ch El (ft)            607.00    Shear (lb/sq ft)            0.00       0.00       0.00
  Alpha                       1.01    Stream Power (lb/ft s)      0.00       0.00       0.00
  Frctn Loss (ft)             0.00    Cum Volume (acre-ft)    334489.10   16265.83   123027.20
  C & E Loss (ft)                     Cum SA (acres)           2580.04      89.89     924.06

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 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 #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)          450.00     450.00     450.00
  Crit W.S. (ft)                      Flow Area (sq ft)       978765.70   33140.14   276961.60
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            978765.70   33140.14   276961.60
  Q Total (cfs)           87601.70    Flow (cfs)              65933.52    2778.18   18890.00
  Top Width (ft)          10800.00    Top Width (ft)           8300.00     200.00    2300.00
  Vel Total (ft/s)            0.07    Avg. Vel. (ft/s)            0.07       0.08       0.07
  Max Chl Dpth (ft)         169.20    Hydr. Depth (ft)         117.92     165.70     120.42
  Conv. Total (cfs)       308350800.0    Conv. (cfs)            232080500.0    9778965.0   66491240.0
  Length Wtd. (ft)          450.00    Wetted Per. (ft)         8357.85     203.85    2321.44
  Min Ch El (ft)            606.00    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)    325215.30   15868.79   120244.60
  C & E Loss (ft)                     Cum SA (acres)           2501.54      87.49     901.56

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 13054
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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
    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     341              .1       .3
Ineffective Flow      num=       1
   Sta L   Sta R    Elev  Permanent
       0    4350     670       F

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            341.00     341.00     341.00
  Crit W.S. (ft)                      Flow Area (sq ft)       959965.70   33440.14   276961.60
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            959965.70   33440.14   276961.60
  Q Total (cfs)           87571.05    Flow (cfs)              65355.61    2876.46   19338.99
  Top Width (ft)          10800.00    Top Width (ft)           8300.00     200.00    2300.00
  Vel Total (ft/s)            0.07    Avg. Vel. (ft/s)            0.07       0.09       0.07
  Max Chl Dpth (ft)         171.20    Hydr. Depth (ft)          115.66     167.20     120.42
  Conv. Total (cfs)       301086400.0    Conv. (cfs)            224705400.0   9889814.0   66491240.0
  Length Wtd. (ft)          341.00    Wetted Per. (ft)         8357.47     205.00    2321.44
  Min Ch El (ft)            604.00    Shear (lb/sq ft)            0.00       0.00       0.00
  Alpha                       1.01    Stream Power (lb/ft s)      0.00       0.00       0.00
  Frctn Loss (ft)             0.00    Cum Volume (acre-ft)    315201.20   15524.89   117383.50
  C & E Loss (ft)                     Cum SA (acres)           2415.80      85.43     877.80

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 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     412              .1       .3
Ineffective Flow      num=       1
   Sta L   Sta R    Elev  Permanent
       0    4200     670       F

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            412.00     412.00     412.00
  Crit W.S. (ft)                      Flow Area (sq ft)       943945.10   33590.13   246861.10
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            943945.10   33590.13   246861.10
  Q Total (cfs)           87548.24    Flow (cfs)              65485.00    2956.47   19106.77
  Top Width (ft)          10200.00    Top Width (ft)           8200.00     200.00    1800.00
  Vel Total (ft/s)            0.07    Avg. Vel. (ft/s)            0.07       0.09       0.08
  Max Chl Dpth (ft)         172.20    Hydr. Depth (ft)          115.12     167.95     137.15
  Conv. Total (cfs)       294453800.0    Conv. (cfs)            220247800.0   9943599.0   64262410.0
  Length Wtd. (ft)          412.00    Wetted Per. (ft)         8257.63     205.62    1832.53
  Min Ch El (ft)            603.00    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)    307749.00   15262.52   115333.10
  C & E Loss (ft)                     Cum SA (acres)           2351.22      83.86     861.75

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 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
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                                                                TXU_Rev1.rep
       0     .15    8450     .15    8800     .15

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 #Max WS

  E.G. Elev (ft)            775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)           736.00     736.00     736.00
  Crit W.S. (ft)                      Flow Area (sq ft)       974745.30   59070.22   212611.10
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            974745.30   59070.22   212611.10
  Q Total (cfs)           87520.81    Flow (cfs)              67440.27    5244.46   14836.08
  Top Width (ft)          10600.00    Top Width (ft)           8450.00     350.00    1800.00
  Vel Total (ft/s)            0.07    Avg. Vel. (ft/s)            0.07       0.09       0.07
  Max Chl Dpth (ft)         174.20    Hydr. Depth (ft)          115.35     168.77     118.12
  Conv. Total (cfs)       295596100.0    Conv. (cfs)            227775300.0   17712840.0   50107950.0
  Length Wtd. (ft)          736.00    Wetted Per. (ft)         8507.93     354.69    1832.15
  Min Ch El (ft)            601.00    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)    298675.30   14824.32   113160.20
  C & E Loss (ft)                     Cum SA (acres)           2272.48      81.26     844.73

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 11565

INPUT
Description:
Station Elevation Data    num=      23
     Sta    Elev     Sta    Elev     Sta    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 #Max WS

  E.G. Elev (ft)            775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)           154.00     154.00     154.00
  Crit W.S. (ft)                      Flow Area (sq ft)      1055954.00   67655.20   204941.10
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)           1055954.00   67655.20   204941.10
  Q Total (cfs)           87470.11    Flow (cfs)              70129.69    5722.29   11618.13
  Top Width (ft)          11600.00    Top Width (ft)           9000.00     400.00    2200.00
  Vel Total (ft/s)            0.07    Avg. Vel. (ft/s)            0.07       0.08       0.06
  Max Chl Dpth (ft)         175.20    Hydr. Depth (ft)          117.33     169.14      93.16
  Conv. Total (cfs)       311347600.0    Conv. (cfs)            249624800.0   20368340.0   41354440.0
  Length Wtd. (ft)          154.00    Wetted Per. (ft)         9058.10     403.81    2229.18
  Min Ch El (ft)            600.00    Shear (lb/sq ft)            0.00       0.00       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)    281519.80   13753.73   109632.70
  C & E Loss (ft)                     Cum SA (acres)           2125.06      74.92     810.94

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 11411

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 #Max WS

  E.G. Elev (ft)            775.20    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)            775.20    Reach Len. (ft)           409.00     409.00     409.00
  Crit W.S. (ft)                      Flow Area (sq ft)       1056603.00   67930.15   204940.80
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1056603.00   67930.15   204940.80
  Q Total (cfs)           87459.28    Flow (cfs)              70107.46    5749.28   11602.54
  Top Width (ft)          11600.00    Top Width (ft)           9000.00     400.00    2200.00
  Vel Total (ft/s)            0.07    Avg. Vel. (ft/s)            0.07       0.08       0.06
  Max Chl Dpth (ft)         176.20    Hydr. Depth (ft)          117.40     169.83      93.15
  Conv. Total (cfs)       311726600.0    Conv. (cfs)           249880400.0   20491860.0   41354340.0
  Length Wtd. (ft)          409.00    Wetted Per. (ft)         9058.11     404.24    2229.18
  Min Ch El (ft)            599.00    Shear (lb/sq ft)            0.00       0.00       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)    277785.40   13514.06   108908.20
  C & E Loss (ft)                     Cum SA (acres)           2093.24      73.51     803.16


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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 11002

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

Manning's n Values        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 #Max WS

  E.G. Elev (ft)            775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)           424.00     424.00     424.00
  Crit W.S. (ft)                      Flow Area (sq ft)       946493.10   52360.11   242360.90
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            946493.10   52360.11   242360.90
  Q Total (cfs)           87431.82    Flow (cfs)              66603.87    4838.88   15989.08
  Top Width (ft)          10800.00    Top Width (ft)           8200.00     300.00    2300.00
  Vel Total (ft/s)            0.07    Avg. Vel. (ft/s)            0.07       0.09       0.07
  Max Chl Dpth (ft)         177.20    Hydr. Depth (ft)          115.43     174.53     105.37
  Conv. Total (cfs)       290861800.0    Conv. (cfs)           221572900.0   16097620.0   53191290.0
  Length Wtd. (ft)          424.00    Wetted Per. (ft)         8239.00     302.84    2324.08
  Min Ch El (ft)            598.00    Shear (lb/sq ft)            0.00       0.00       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)    268381.60   12949.33   106808.20
  C & E Loss (ft)                     Cum SA (acres)           2012.49      70.22     782.03


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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 10578

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

Manning's n Values        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 #Max WS

  E.G. Elev (ft)            775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)           266.00     266.00     266.00
  Crit W.S. (ft)                      Flow Area (sq ft)       969482.70   43075.08   270930.70
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            969482.70   43075.08   270930.70
  Q Total (cfs)           87404.56    Flow (cfs)              64680.50    3720.40   19003.66
  Top Width (ft)          10800.00    Top Width (ft)           8400.00     250.00    2150.00
  Vel Total (ft/s)            0.07    Avg. Vel. (ft/s)            0.07       0.09       0.07
  Max Chl Dpth (ft)         178.20    Hydr. Depth (ft)          115.41     172.30     126.01
  Conv. Total (cfs)       306919300.0    Conv. (cfs)           227124200.0   13064120.0   66730940.0
  Length Wtd. (ft)          266.00    Wetted Per. (ft)         8429.68     254.27    2185.30
  Min Ch El (ft)            597.00    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)    259056.80   12484.86   104310.10
  C & E Loss (ft)                     Cum SA (acres)           1931.70      67.55     760.38
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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: 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 #Max WS

E.G. Elev (ft)	775.20	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	775.20	Reach Len. (ft)	289.00	289.00	289.00
Crit W.S. (ft)		Flow Area (sq ft)	1000623.00	26180.05	336965.90
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1000623.00	26180.05	336965.90
Q Total (cfs)	87387.51	Flow (cfs)	64006.87	2165.92	21214.73
Top Width (ft)	11700.00	Top Width (ft)	8600.00	150.00	2950.00
Vel Total (ft/s)	0.06	Avg. Vel. (ft/s)	0.06	0.08	0.06
Max Chl Dpth (ft)	179.20	Hydr. Depth (ft)	116.35	174.53	114.23
Conv. Total (cfs)	321320000.0	Conv. (cfs)	235350400.0	7963984.0	78005610.0
Length Wtd. (ft)	289.00	Wetted Per. (ft)	8648.87	153.85	2982.86
Min Ch El (ft)	596.00	Shear (lb/sq ft)	0.00	0.00	0.00
Alpha	1.01	Stream Power (lb/ft s)	0.00	0.00	0.00
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	253041.50	12273.41	102454.10
C & E Loss (ft)		Cum SA (acres)	1879.80	66.33	744.80

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 10023

INPUT
Description:
Station Elevation Data num= 24

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

Manning's n Values 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 #Max WS

E.G. Elev (ft)	775.20	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	775.20	Reach Len. (ft)	832.00	832.00	832.00
Crit W.S. (ft)		Flow Area (sq ft)	906282.30	35477.56	373160.90
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	906282.30	35477.56	373160.90
Q Total (cfs)	87368.82	Flow (cfs)	58909.41	2904.66	25554.75
Top Width (ft)	10400.00	Top Width (ft)	7400.00	200.00	2800.00
Vel Total (ft/s)	0.07	Avg. Vel. (ft/s)	0.07	0.08	0.07
Max Chl Dpth (ft)	180.20	Hydr. Depth (ft)	122.47	177.39	133.27
Conv. Total (cfs)	326845500.0	Conv. (cfs)	220379200.0	10866300.0	95599970.0
Length Wtd. (ft)	832.00	Wetted Per. (ft)	7451.76	206.36	2837.33
Min Ch El (ft)	595.00	Shear (lb/sq ft)	0.00	0.00	0.00
Alpha	1.01	Stream Power (lb/ft s)	0.00	0.00	0.00
Frctn Loss (ft)	0.00	Cum Volume (acre-ft)	246715.80	12068.88	100098.40
C & E Loss (ft)		Cum SA (acres)	1826.72	65.17	725.73

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 9191

INPUT
Description:

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                                                                    TXU_Rev1.rep
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 #Max WS

  E.G. Elev (ft)             775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)                0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)             775.20    Reach Len. (ft)            382.00     382.00     382.00
  Crit W.S. (ft)                       Flow Area (sq ft)        981950.50   17720.01   440360.30
  E.G. Slope (ft/ft)       0.000000    Area (sq ft)             981950.50   17720.01   440360.30
  Q Total (cfs)            87314.35    Flow (cfs)               58895.04    1368.66   27050.65
  Top Width (ft)           11900.00    Top Width (ft)            8250.00     100.00    3550.00
  Vel Total (ft/s)             0.06    Avg. Vel. (ft/s)             0.06       0.08       0.06
  Max Chl Dpth (ft)          181.20    Hydr. Depth (ft)           119.02     177.20     124.05
  Conv. Total (cfs)        347530200.0    Conv. (cfs)            234415100.0   5447550.0   107667500.0
  Length Wtd. (ft)           382.00    Wetted Per. (ft)          8300.45     102.50    3591.28
  Min Ch El (ft)             594.00    Shear (lb/sq ft)             0.00       0.00       0.00
  Alpha                        1.00    Stream Power (lb/ft s)       0.00       0.00       0.00
  Frctn Loss (ft)              0.00    Cum Volume (acre-ft)     228683.10   11560.84   92329.22
  C & E Loss (ft)                      Cum SA (acres)            1677.26      62.30     665.09

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 8809

INPUT
Description:
Station Elevation Data     num=       33
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    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 #Max WS

  E.G. Elev (ft)             775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)                0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)             775.20    Reach Len. (ft)            527.00     527.00     527.00
  Crit W.S. (ft)                       Flow Area (sq ft)       1142576.00   35165.02   460510.30
  E.G. Slope (ft/ft)       0.000000    Area (sq ft)            1142576.00   35165.02   460510.30
  Q Total (cfs)            87287.41    Flow (cfs)               61201.20    2316.58   23769.63
  Top Width (ft)           13000.00    Top Width (ft)            9000.00     200.00    3800.00
  Vel Total (ft/s)             0.05    Avg. Vel. (ft/s)             0.05       0.07       0.05
  Max Chl Dpth (ft)          182.20    Hydr. Depth (ft)           126.95     175.83     121.19
  Conv. Total (cfs)        406215900.0    Conv. (cfs)            284816500.0   10780860.0   110618500.0
  Length Wtd. (ft)           527.00    Wetted Per. (ft)          9051.50     204.25    3856.67
  Min Ch El (ft)             593.00    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)     219367.60   11328.95   88379.12
  C & E Loss (ft)                      Cum SA (acres)            1601.63      60.99     632.86

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 8282

INPUT
Description:
Station Elevation Data     num=       31
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     725     800     705    1000     708    1400     690    1500     690
    1900     700    2800     660    3100     660    3200     656    4000     640
    4500     640    4800     630    6400     630    6700     619    7200     611
    7600     611    8500     609    9100     609    9150     592    9200     592
    9250     609    9600     609   10800     620   11400     640   11600     665
   11700     648   11700     650   12100     650   12200     660   12400     660
   13200     720
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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     604             .1       .3
Ineffective Flow     num=       1
   Sta L   Sta R    Elev  Permanent
       0    6000     670       F

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)           604.00     604.00     604.00
  Crit W.S. (ft)                      Flow Area (sq ft)       1148071.00   26630.01   527840.30
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1148071.00   26630.01   527840.30
  Q Total (cfs)           87247.30    Flow (cfs)              58047.02    1656.15   27544.13
  Top Width (ft)          13200.00    Top Width (ft)           9100.00     150.00    3950.00
  Vel Total (ft/s)            0.05    Avg. Vel. (ft/s)            0.05       0.06       0.05
  Max Chl Dpth (ft)         183.20    Hydr. Depth (ft)          126.16     177.53     133.63
  Conv. Total (cfs)       428346400.0    Conv. (cfs)            284985700.0   8130967.0   135229700.0
  Length Wtd. (ft)          604.00    Wetted Per. (ft)         9152.57     155.62    4013.32
  Min Ch El (ft)            592.00    Shear (lb/sq ft)            0.00       0.00       0.00
  Alpha                       1.00    Stream Power (lb/ft s)      0.00       0.00       0.00
  Frctn Loss (ft)             0.00    Cum Volume (acre-ft)    205511.20   10955.14   82400.46
  C & E Loss (ft)                     Cum SA (acres)           1492.14      58.87     585.98

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 7678

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

Manning's n Values        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     308             .1       .3
Ineffective Flow     num=       1
   Sta L   Sta R    Elev  Permanent
       0    5200     670       F

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)           308.00     308.00     308.00
  Crit W.S. (ft)                      Flow Area (sq ft)       1082045.00   63795.00   570560.10
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1082045.00   63795.00   570560.10
  Q Total (cfs)           87201.01    Flow (cfs)              54290.51    4027.57   28882.93
  Top Width (ft)          13000.00    Top Width (ft)           8350.00     350.00    4300.00
  Vel Total (ft/s)            0.05    Avg. Vel. (ft/s)            0.05       0.06       0.05
  Max Chl Dpth (ft)         184.20    Hydr. Depth (ft)          129.59     182.27     132.69
  Conv. Total (cfs)       438851500.0    Conv. (cfs)            273224700.0   20269310.0   145357500.0
  Length Wtd. (ft)          308.00    Wetted Per. (ft)         8407.94     351.21    4374.75
  Min Ch El (ft)            591.00    Shear (lb/sq ft)            0.00       0.00       0.00
  Alpha                       1.01    Stream Power (lb/ft s)      0.00       0.00       0.00
  Frctn Loss (ft)             0.00    Cum Volume (acre-ft)    190049.90   10328.23   74785.29
  C & E Loss (ft)                     Cum SA (acres)           1371.16      55.40     528.78

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 7370

INPUT
Description:
Station Elevation Data    num=      26
     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
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CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)          671.00     671.00     671.00
  Crit W.S. (ft)                      Flow Area (sq ft)      1075760.00   45550.00   534340.10
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)           1075760.00   45550.00   534340.10
  Q Total (cfs)           87178.20    Flow (cfs)             57753.21    2885.41   26539.58
  Top Width (ft)          12000.00    Top Width (ft)          7550.00     250.00    4200.00
  Vel Total (ft/s)            0.05    Avg. Vel. (ft/s)           0.05       0.06       0.05
  Max Chl Dpth (ft)         185.20    Hydr. Depth (ft)         142.48     182.20     127.22
  Conv. Total (cfs)       436421200.0    Conv. (cfs)          289117200.0   14444590.0   132859300.0
  Length Wtd. (ft)          671.00    Wetted Per. (ft)        7612.61     251.49    4249.25
  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)   182421.30    9941.66   70879.08
  C & E Loss (ft)                     Cum SA (acres)          1314.94      53.28     498.73

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

CROSS SECTION


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 #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)          838.00     838.00     838.00
  Crit W.S. (ft)                      Flow Area (sq ft)      1140000.00   73380.01   540960.10
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)           1140000.00   73380.01   540960.10
  Q Total (cfs)           87127.62    Flow (cfs)             56280.53    4300.32   26546.78
  Top Width (ft)          12200.00    Top Width (ft)          8000.00     400.00    3800.00
  Vel Total (ft/s)            0.05    Avg. Vel. (ft/s)           0.05       0.06       0.05
  Max Chl Dpth (ft)         186.20    Hydr. Depth (ft)         142.50     183.45     142.36
  Conv. Total (cfs)       474544400.0    Conv. (cfs)          306534400.0   23421870.0   144588200.0
  Length Wtd. (ft)          838.00    Wetted Per. (ft)        8061.19     401.21    3859.84
  Min Ch El (ft)            589.00    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)   165355.50    9025.66   62597.09
  C & E Loss (ft)                     Cum SA (acres)          1195.18      48.27     437.12

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 5861

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

Manning's n Values        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     667              .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)          667.00     667.00     667.00
  Crit W.S. (ft)                      Flow Area (sq ft)      1171270.00   64620.00   669400.10
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)           1171270.00   64620.00   669400.10
  Q Total (cfs)           87059.56    Flow (cfs)             52475.20    3479.49   31104.88
  Top Width (ft)          13200.00    Top Width (ft)          8350.00     350.00    4500.00
  Vel Total (ft/s)            0.05    Avg. Vel. (ft/s)           0.04       0.05       0.05
  Max Chl Dpth (ft)         187.20    Hydr. Depth (ft)         140.27     184.63     148.76
  Conv. Total (cfs)       517220000.0    Conv. (cfs)          311754600.0   20671610.0   184793800.0
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Length Wtd. (ft)	667.00	Wetted Per. (ft)	8409.67	352.14	4550.29
Min Ch El (ft)	588.00	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)	143123.50	7698.25	50954.74
C & E Loss (ft)		Cum SA (acres)	1037.91	41.06	357.28

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 5194

INPUT
Description:
Station Elevation Data num= 31

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

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	8200	.15	8650	.15

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

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	775.20	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	775.20	Reach Len. (ft)	474.00	474.00	474.00
Crit W.S. (ft)		Flow Area (sq ft)	1127139.00	82739.95	481569.60
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1127139.00	82739.95	481569.60
Q Total (cfs)	87006.72	Flow (cfs)	56934.12	5058.93	25013.68
Top Width (ft)	12000.00	Top Width (ft)	8200.00	450.00	3350.00
Vel Total (ft/s)	0.05	Avg. Vel. (ft/s)	0.05	0.06	0.05
Max Chl Dpth (ft)	188.20	Hydr. Depth (ft)	137.46	183.87	143.75
Conv. Total (cfs)	452278500.0	Conv. (cfs)	295955000.0	26297310.0	130026100.0
Length Wtd. (ft)	474.00	Wetted Per. (ft)	8259.64	455.28	3384.21
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)	125526.70	6570.04	42142.80
C & E Loss (ft)		Cum SA (acres)	911.20	34.93	297.18

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 4720

INPUT
Description:
Station Elevation Data num= 31

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
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 46.5 .1 .3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	775.20	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	775.20	Reach Len. (ft)	46.50	46.50	46.50
Crit W.S. (ft)		Flow Area (sq ft)	1189513.00	73329.93	507319.30
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1189513.00	73329.93	507319.30
Q Total (cfs)	86970.56	Flow (cfs)	59002.30	4416.57	23551.70
Top Width (ft)	13200.00	Top Width (ft)	8700.00	400.00	4100.00
Vel Total (ft/s)	0.05	Avg. Vel. (ft/s)	0.05	0.06	0.05
Max Chl Dpth (ft)	190.20	Hydr. Depth (ft)	136.73	183.32	123.74
Conv. Total (cfs)	458843600.0	Conv. (cfs)	311287300.0	23301130.0	124255200.0
Length Wtd. (ft)	46.50	Wetted Per. (ft)	8760.67	403.64	4126.55
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)	112922.30	5720.90	36762.48
C & E Loss (ft)		Cum SA (acres)	819.25	30.31	256.64

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 4673.5*

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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    46.5             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)           46.50      46.50      46.50
  Crit W.S. (ft)                      Flow Area (sq ft)      1197468.00   76970.92   497460.80
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)           1197468.00   76970.92   497460.80
  Q Total (cfs)           86966.95    Flow (cfs)             59117.68    4613.48   23235.79
  Top Width (ft)          13120.00    Top Width (ft)          8750.00     420.00     3950.00
  Vel Total (ft/s)            0.05    Avg. Vel. (ft/s)           0.05       0.06       0.05
  Max Chl Dpth (ft)         190.30    Hydr. Depth (ft)         136.85     183.26     125.94
  Conv. Total (cfs)       461308000.0    Conv. (cfs)            313584200.0   24471780.0   123252000.0
  Length Wtd. (ft)           46.50    Wetted Per. (ft)        8810.18     423.33     3977.06
  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)   111648.30    5640.68   36226.18
  C & E Loss (ft)                     Cum SA (acres)            809.94      29.87     252.35

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

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    46.5             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)           46.50      46.50      46.50
  Crit W.S. (ft)                      Flow Area (sq ft)      1205435.00   80615.93   486953.10
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)           1205435.00   80615.93   486953.10
  Q Total (cfs)           86963.34    Flow (cfs)             59261.49    4810.68   22891.17
  Top Width (ft)          13040.00    Top Width (ft)          8800.00     440.00     3800.00
  Vel Total (ft/s)            0.05    Avg. Vel. (ft/s)           0.05       0.06       0.05
  Max Chl Dpth (ft)         190.40    Hydr. Depth (ft)         136.98     183.22     128.15
  Conv. Total (cfs)       463546400.0    Conv. (cfs)            315885400.0   25642680.0   122018300.0
  Length Wtd. (ft)           46.50    Wetted Per. (ft)        8859.75     443.06     3827.69
  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)   110365.70    5556.57   35700.75
  C & E Loss (ft)                     Cum SA (acres)            800.57      29.41     248.21

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 4580.5*

INPUT
Description:
Station Elevation Data     num=      50
     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
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                                                                    TXU_Rev1.rep
 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 #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)             46.50      46.50      46.50
  Crit W.S. (ft)                      Flow Area (sq ft)       1213421.00   84264.91   475772.30
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1213421.00   84264.91   475772.30
  Q Total (cfs)           86959.75    Flow (cfs)              59435.64    5008.65   22515.46
  Top Width (ft)          12960.00    Top Width (ft)           8850.00     460.00    3650.00
  Vel Total (ft/s)            0.05    Avg. Vel. (ft/s)            0.05       0.06       0.05
  Max Chl Dpth (ft)         190.50    Hydr. Depth (ft)          137.11     183.18     130.35
  Conv. Total (cfs)       465545900.0    Conv. (cfs)            318193400.0   26814210.0   120538300.0
  Length Wtd. (ft)           46.50    Wetted Per. (ft)         8909.38     462.83    3678.46
  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)    109074.70    5468.56   35186.90
  C & E Loss (ft)                     Cum SA (acres)            791.15      28.93     244.23

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 4534.*

INPUT
Description:
Station Elevation Data    num=      50
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       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 #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)             46.50      46.50      46.50
  Crit W.S. (ft)                      Flow Area (sq ft)       1221416.00   87917.92   463935.10
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1221416.00   87917.92   463935.10
  Q Total (cfs)           86956.12    Flow (cfs)              59639.57    5207.76   22108.78
  Top Width (ft)          12880.00    Top Width (ft)           8900.00     480.00    3500.00
  Vel Total (ft/s)            0.05    Avg. Vel. (ft/s)            0.05       0.06       0.05
  Max Chl Dpth (ft)         190.60    Hydr. Depth (ft)          137.24     183.16     132.55
  Conv. Total (cfs)       467305100.0    Conv. (cfs)            320505100.0   27986700.0   118813300.0
  Length Wtd. (ft)           46.50    Wetted Per. (ft)         8959.07     482.64    3529.40
  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)    107775.10    5376.66   34685.34
  C & E Loss (ft)                     Cum SA (acres)            781.67      28.43     240.42

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 4487.5*

INPUT
Description:
Station Elevation Data    num=      50
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       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 9858.54 601.0610839.02 608.5911382.69 614.1611492.68 616.42
11769.23 658.0811819.51 667.9312542.31 732.1212636.59   741.4   12800   752.5
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                                                                    TXU_Rev1.rep
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 #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)           46.50      46.50      46.50
  Crit W.S. (ft)                      Flow Area (sq ft)       1229420.00   91574.91   451431.80
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1229420.00   91574.91   451431.80
  Q Total (cfs)           86952.44    Flow (cfs)              59874.43    5408.48   21669.53
  Top Width (ft)          12800.00    Top Width (ft)           8950.00     500.00    3350.00
  Vel Total (ft/s)            0.05    Avg. Vel. (ft/s)            0.05       0.06       0.05
  Max Chl Dpth (ft)         190.70    Hydr. Depth (ft)          137.37     183.15     134.76
  Conv. Total (cfs)       468812800.0    Conv. (cfs)           322819000.0   29160350.0   116833400.0
  Length Wtd. (ft)           46.50    Wetted Per. (ft)         9008.82     502.47    3380.54
  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)    106466.90    5280.86   34196.76
  C & E Loss (ft)                     Cum SA (acres)            772.15      27.91     236.76


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

CROSS SECTION


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

INPUT
Description:
Station Elevation Data      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  601.2710846.83  608.3111366.15  613.3311471.22  615.71
11735.38  650.4611783.42  659.5112473.85  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 #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)           46.50      46.50      46.50
  Crit W.S. (ft)                      Flow Area (sq ft)       1237432.00   95235.91   438275.50
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1237432.00   95235.91   438275.50
  Q Total (cfs)           86948.76    Flow (cfs)              60140.34    5611.13   21197.29
  Top Width (ft)          12720.00    Top Width (ft)           9000.00     520.00    3200.00
  Vel Total (ft/s)            0.05    Avg. Vel. (ft/s)            0.05       0.06       0.05
  Max Chl Dpth (ft)         190.80    Hydr. Depth (ft)          137.49     183.15     136.96
  Conv. Total (cfs)       470069600.0    Conv. (cfs)           325135700.0   30335330.0   114598600.0
  Length Wtd. (ft)           46.50    Wetted Per. (ft)         9058.62     522.32    3231.88
  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)    105150.30    5181.15   33721.88
  C & E Loss (ft)                     Cum SA (acres)            762.57      27.36     233.27


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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                   RS: 4394.5*

INPUT
Description:
Station Elevation Data      num=       50
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0   719.4  786.96   680.51 1040.23  669.79  1278.8  661.28 1377.17  661.97
 1456.32  661.59 1672.28    662.1 1872.41  655.93 1967.39  651.63 2080.46     650
 2164.13     650  2262.5      657 2392.53     657 2557.61  658.19 2600.57  658.06
 2808.62  655.95 2912.64   653.39 3328.74  649.16 3744.83  643.43 3934.78  640.59
  4056.9     640 4160.92      640 4368.97     643    4525     643 4577.01  642.63
 4629.02  639.26 4721.74   637.71 4918.48  623.22  5409.2  615.59  5508.7     615
 5617.24  614.52 6295.65   610.97 6761.49   610.6 6885.87   610.6 6969.54     610
 7073.56  608.66 7082.61    608.6    9050   608.6    9220   584.3    9320   584.3
    9590     600 9961.95  601.4810854.63  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 #Max WS
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  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            46.50      46.50      46.50
  Crit W.S. (ft)                      Flow Area (sq ft)       1245462.00   98900.91   424450.20
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1245462.00   98900.91   424450.20
  Q Total (cfs)           86945.09    Flow (cfs)              60439.36    5816.16   20689.57
  Top Width (ft)          12640.00    Top Width (ft)           9050.00     540.00    3050.00
  Vel Total (ft/s)            0.05    Avg. Vel. (ft/s)            0.05       0.06       0.05
  Max Chl Dpth (ft)         190.90    Hydr. Depth (ft)          137.62     183.15     139.16
  Conv. Total (cfs)       471066500.0    Conv. (cfs)           327459100.0   31511800.0    112095600.0
  Length Wtd. (ft)           46.50    Wetted Per. (ft)         9108.49     542.18    3083.47
  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)    103825.00    5077.53   33261.41
  C & E Loss (ft)                     Cum SA (acres)            752.93      26.80     229.93

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 4348.*

INPUT
Description:
Station Elevation Data    num=      50
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0   719.6   791.3  680.34 1045.98  669.76 1285.87  660.85 1384.78  661.98
 1464.37  661.81 1681.52   662.4 1882.76  655.35 1978.26  651.09 2091.95     650
 2176.09     650    2275     658 2405.75     658 2571.74  658.79 2614.94   658.5
 2824.14  656.08 2928.74  653.88 3347.13  649.04 3765.52  643.21 3956.52  640.39
 4079.31     640 4183.91     640  4393.1     642    4550     642  4602.3  641.58
  4654.6  639.15 4747.83  637.81 4945.65  622.14 5439.08  615.67 5539.13     615
 5648.28  614.45 6330.43  610.64 6798.85   610.4 6923.91   610.4 7008.05  609.72
 7112.64  608.47 7121.74   608.4    9100   608.4    9280   584.2    9380   584.2
    9660     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 #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            46.50      46.50      46.50
  Crit W.S. (ft)                      Flow Area (sq ft)       1253514.00  102569.90   409970.00
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1253514.00  102569.90   409970.00
  Q Total (cfs)           86941.41    Flow (cfs)              60771.89    6023.88   20145.64
  Top Width (ft)          12560.00    Top Width (ft)           9100.00     560.00    2900.00
  Vel Total (ft/s)            0.05    Avg. Vel. (ft/s)            0.05       0.06       0.05
  Max Chl Dpth (ft)         191.00    Hydr. Depth (ft)          137.75     183.16     141.37
  Conv. Total (cfs)       471806000.0    Conv. (cfs)           329791500.0   32689840.0    109324600.0
  Length Wtd. (ft)           46.50    Wetted Per. (ft)         9158.41     562.06    2935.35
  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)    102491.20    4969.99   32816.04
  C & E Loss (ft)                     Cum SA (acres)            743.24      26.21     226.75

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 4301.5*

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

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15    9150     .15    9730     .15

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

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            46.50      46.50      46.50
  Crit W.S. (ft)                      Flow Area (sq ft)       1261570.00  106242.90   394826.10
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1261570.00  106242.90   394826.10
  Q Total (cfs)           86937.76    Flow (cfs)              61139.20    6234.89   19563.67
  Top Width (ft)          12480.00    Top Width (ft)           9150.00     580.00    2750.00
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  Vel Total (ft/s)            0.05    Avg. Vel. (ft/s)            0.05       0.06       0.05
  Max Chl Dpth (ft)         191.10    Hydr. Depth (ft)          137.88     183.18     143.57
  Conv. Total (cfs)       472268900.0    Conv. (cfs)            332124300.0   33869550.0   106275000.0
  Length Wtd. (ft)           46.50    Wetted Per. (ft)         9208.38     581.96    2787.56
  Min Ch El (ft)            584.10    Shear (lb/sq ft)            0.00       0.00       0.00
  Alpha                       1.01    Stream Power (lb/ft s)      0.00       0.00       0.00
  Frctn Loss (ft)             0.00    Cum Volume (acre-ft)    101148.80    4858.54   32386.48
  C & E Loss (ft)                     Cum SA (acres)            733.50      25.60     223.74

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

CROSS SECTION


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    45.5             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            45.50      45.50      45.50
  Crit W.S. (ft)                      Flow Area (sq ft)       1269638.00   109919.90   379019.60
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1269638.00   109919.90   379019.60
  Q Total (cfs)           86934.12    Flow (cfs)              61542.86    6449.58   18941.69
  Top Width (ft)          12400.00    Top Width (ft)           9200.00     600.00    2600.00
  Vel Total (ft/s)            0.05    Avg. Vel. (ft/s)            0.05       0.06       0.05
  Max Chl Dpth (ft)         191.20    Hydr. Depth (ft)          138.00     183.20     145.78
  Conv. Total (cfs)       472453500.0    Conv. (cfs)            334461700.0   35050980.0   102940800.0
  Length Wtd. (ft)           45.50    Wetted Per. (ft)         9258.41     601.86    2640.15
  Min Ch El (ft)            584.00    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)    99797.78    4743.17   31973.44
  C & E Loss (ft)                     Cum SA (acres)            723.71      24.97     220.88

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    45.5             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            45.50      45.50      45.50
  Crit W.S. (ft)                      Flow Area (sq ft)       1275904.00   104551.80   375472.90
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1275904.00   104551.80   375472.90
  Q Total (cfs)           86930.57    Flow (cfs)              61997.53    6164.03   18769.02
  Top Width (ft)          12400.00    Top Width (ft)           9250.00     568.75    2581.25
  Vel Total (ft/s)            0.05    Avg. Vel. (ft/s)            0.05       0.06       0.05
  Max Chl Dpth (ft)         191.32    Hydr. Depth (ft)          137.94     183.83     145.46
  Conv. Total (cfs)       471149000.0    Conv. (cfs)            336016100.0   33407980.0   101724900.0
  Length Wtd. (ft)           45.50    Wetted Per. (ft)         9308.09     570.70    2625.20
  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)    98468.33    4631.15   31579.40
  C & E Loss (ft)                     Cum SA (acres)            714.07      24.36     218.18

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: 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  609.1311315.87     61011563.27  616.28
11611.54  620.3811981.63  684.7412202.88     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    45.5             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)           45.50      45.50      45.50
  Crit W.S. (ft)                      Flow Area (sq ft)       1282164.00   99166.78   371944.90
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1282164.00   99166.78   371944.90
  Q Total (cfs)           86927.05    Flow (cfs)              62455.27    5875.23   18596.55
  Top Width (ft)          12400.00    Top Width (ft)           9300.00     537.50    2562.50
  Vel Total (ft/s)            0.05    Avg. Vel. (ft/s)            0.05       0.06       0.05
  Max Chl Dpth (ft)         191.45    Hydr. Depth (ft)          137.87     184.50     145.15
  Conv. Total (cfs)       469834700.0    Conv. (cfs)           337566500.0   31755210.0   100513100.0
  Length Wtd. (ft)           45.50    Wetted Per. (ft)         9357.85     539.57    2610.47
  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)    97132.33    4524.76   31189.04
  C & E Loss (ft)                     Cum SA (acres)            704.39      23.78     215.49


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     60011154.08  609.28 11323.8     61011569.39  615.23
11617.31  620.5811984.69  688.9512204.33     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    45.5             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)           45.50      45.50      45.50
  Crit W.S. (ft)                      Flow Area (sq ft)       1288415.00   93761.41   368417.80
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1288415.00   93761.41   368417.80
  Q Total (cfs)           86923.55    Flow (cfs)              62917.46    5582.87   18423.22
  Top Width (ft)          12400.00    Top Width (ft)           9350.00     506.25    2543.75
  Vel Total (ft/s)            0.05    Avg. Vel. (ft/s)            0.05       0.06       0.05
  Max Chl Dpth (ft)         191.58    Hydr. Depth (ft)          137.80     185.21     144.83
  Conv. Total (cfs)       468498200.0    Conv. (cfs)           339110800.0   30090390.0   99296990.0
  Length Wtd. (ft)           45.50    Wetted Per. (ft)         9407.68     508.48    2595.99
  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)    95789.80    4424.00   30802.38
  C & E Loss (ft)                     Cum SA (acres)            694.65      23.24     212.82


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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 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
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                                                                TXU_Rev1.rep
 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    45.5             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            45.50      45.50      45.50
  Crit W.S. (ft)                      Flow Area (sq ft)       1294662.00   88332.42   364912.80
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1294662.00   88332.42   364912.80
  Q Total (cfs)           86920.07    Flow (cfs)              63383.42    5286.31   18250.34
  Top Width (ft)          12400.00    Top Width (ft)           9400.00     475.00    2525.00
  Vel Total (ft/s)            0.05    Avg. Vel. (ft/s)            0.05       0.06       0.05
  Max Chl Dpth (ft)         191.70    Hydr. Depth (ft)          137.73     185.96     144.52
  Conv. Total (cfs)       467149200.0    Conv. (cfs)             340652200.0   28411090.0   98085900.0
  Length Wtd. (ft)           45.50    Wetted Per. (ft)         9457.58     477.45    2581.78
  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)    94440.74    4328.90   30419.38
  C & E Loss (ft)                     Cum SA (acres)            684.85      22.73     210.18

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 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    45.5             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            45.50      45.50      45.50
  Crit W.S. (ft)                      Flow Area (sq ft)       1300896.00   82883.17   361411.20
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1300896.00   82883.17   361411.20
  Q Total (cfs)           86916.61    Flow (cfs)              63854.07    4985.68   18076.86
  Top Width (ft)          12400.00    Top Width (ft)           9450.00     443.75    2506.25
  Vel Total (ft/s)            0.05    Avg. Vel. (ft/s)            0.05       0.06       0.05
  Max Chl Dpth (ft)         191.82    Hydr. Depth (ft)          137.66     186.78     144.20
  Conv. Total (cfs)       465775400.0    Conv. (cfs)             342186100.0   26717610.0   96871660.0
  Length Wtd. (ft)           45.50    Wetted Per. (ft)         9507.55     446.50    2567.82
  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)    93085.16    4239.48   30040.04
  C & E Loss (ft)                     Cum SA (acres)            675.01      22.25     207.55

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 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
```

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                                                                TXU_Rev1.rep
       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 #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            45.50      45.50      45.50
  Crit W.S. (ft)                      Flow Area (sq ft)       1307126.00   77416.80   357928.70
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1307126.00   77416.80   357928.70
  Q Total (cfs)           86913.17    Flow (cfs)              64328.93    4680.55   17903.70
  Top Width (ft)          12400.00    Top Width (ft)           9500.00     412.50    2487.50
  Vel Total (ft/s)            0.05    Avg. Vel. (ft/s)            0.05       0.06       0.05
  Max Chl Dpth (ft)         191.95    Hydr. Depth (ft)          137.59     187.68     143.89
  Conv. Total (cfs)       464386900.0    Conv. (cfs)           343716800.0   25008680.0   95661470.0
  Length Wtd. (ft)           45.50    Wetted Per. (ft)         9557.59     415.73    2554.12
  Min Ch El (ft)            583.25    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)    91723.08    4155.76   29664.36
  C & E Loss (ft)                     Cum SA (acres)            665.11      21.80     204.94

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 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 #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            45.50      45.50      45.50
  Crit W.S. (ft)                      Flow Area (sq ft)       1313351.00   71930.06   354447.20
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1313351.00   71930.06   354447.20
  Q Total (cfs)           86909.76    Flow (cfs)              64810.37    4369.47   17729.92
  Top Width (ft)          12400.00    Top Width (ft)           9550.00     381.25    2468.75
  Vel Total (ft/s)            0.05    Avg. Vel. (ft/s)            0.05       0.06       0.05
  Max Chl Dpth (ft)         192.08    Hydr. Depth (ft)          137.52     188.67     143.57
  Conv. Total (cfs)       462967000.0    Conv. (cfs)           345243900.0   23276070.0   94447050.0
  Length Wtd. (ft)           45.50    Wetted Per. (ft)         9607.69     385.27    2540.69
  Min Ch El (ft)            583.12    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)    90354.48    4077.76   29292.31
  C & E Loss (ft)                     Cum SA (acres)            655.16      21.39     202.35

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 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 #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)           448.00     448.00     448.00
  Crit W.S. (ft)                      Flow Area (sq ft)       1319568.00   66419.94   350989.60
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1319568.00   66419.94   350989.60
  Q Total (cfs)           86906.32    Flow (cfs)              65300.04    4048.43   17557.86
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                                                                TXU_Rev1.rep
  Top Width (ft)          12400.00    Top Width (ft)          9600.00     350.00    2450.00
  Vel Total (ft/s)            0.05    Avg. Vel. (ft/s)           0.05       0.06       0.05
  Max Chl Dpth (ft)         192.20    Hydr. Depth (ft)         137.46     189.77     143.26
  Conv. Total (cfs)       461502700.0    Conv. (cfs)           346765800.0   21498540.0   93238320.0
  Length Wtd. (ft)          448.00    Wetted Per. (ft)        9657.87     355.62    2527.55
  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)   88979.39    4005.50   28923.88
  C & E Loss (ft)                     Cum SA (acres)           645.16      21.00     199.78

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 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 #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)          143.00     143.00     143.00
  Crit W.S. (ft)                      Flow Area (sq ft)      1377898.00   74229.93   393359.50
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)           1377898.00   74229.93   393359.50
  Q Total (cfs)           86870.34    Flow (cfs)             64256.47    4220.63   18393.25
  Top Width (ft)          13200.00    Top Width (ft)         10000.00     400.00    2800.00
  Vel Total (ft/s)            0.05    Avg. Vel. (ft/s)           0.05       0.06       0.05
  Max Chl Dpth (ft)         193.20    Hydr. Depth (ft)         137.79     185.57     140.49
  Conv. Total (cfs)       490395800.0    Conv. (cfs)           362737200.0   23826050.0   103832600.0
  Length Wtd. (ft)          143.00    Wetted Per. (ft)       10057.98     402.46    2859.76
  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)   75108.13    3282.23   25096.19
  C & E Loss (ft)                     Cum SA (acres)           544.37      17.15     172.79

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 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 #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)          243.00     243.00     243.00
  Crit W.S. (ft)                      Flow Area (sq ft)      1403938.00   38039.96   392059.50
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)           1403938.00   38039.96   392059.50
  Q Total (cfs)           86858.48    Flow (cfs)             66182.70    2177.50   18498.28
  Top Width (ft)          13200.00    Top Width (ft)         10200.00     200.00    2800.00
  Vel Total (ft/s)            0.05    Avg. Vel. (ft/s)           0.05       0.06       0.05
  Max Chl Dpth (ft)         195.20    Hydr. Depth (ft)         137.64     190.20     140.02
  Conv. Total (cfs)       484761800.0    Conv. (cfs)           369369200.0   12152770.0   103239900.0
  Length Wtd. (ft)          243.00    Wetted Per. (ft)       10257.34     207.70    2860.65
  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)   70541.98    3097.95   23806.99
  C & E Loss (ft)                     Cum SA (acres)           511.21      16.16     163.59

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

CROSS SECTION


RIVER: SQUAW CREEK
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                                                                    TXU_Rev1.rep
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     127             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            127.00     127.00     127.00
  Crit W.S. (ft)                      Flow Area (sq ft)       1403937.00   38189.94   442839.10
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1403937.00   38189.94   442839.10
  Q Total (cfs)           86838.54    Flow (cfs)              64475.18    2130.10   20233.26
  Top Width (ft)          13600.00    Top Width (ft)          10200.00     200.00    3200.00
  Vel Total (ft/s)            0.05    Avg. Vel. (ft/s)            0.05       0.06       0.05
  Max Chl Dpth (ft)         196.20    Hydr. Depth (ft)          137.64     190.95     138.39
  Conv. Total (cfs)       497485100.0    Conv. (cfs)            369368700.0   12203030.0   115913400.0
  Length Wtd. (ft)          127.00    Wetted Per. (ft)        10257.34     208.46    3260.40
  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)    62710.09    2885.33   21478.25
  C & E Loss (ft)                     Cum SA (acres)            454.31      15.05     146.86

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 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 #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            242.06     242.06     242.06
  Crit W.S. (ft)                      Flow Area (sq ft)       1403937.00   38339.94   440639.10
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1403937.00   38339.94   440639.10
  Q Total (cfs)           86827.98    Flow (cfs)              64583.59    2142.26   20102.13
  Top Width (ft)          13600.00    Top Width (ft)          10200.00     200.00    3200.00
  Vel Total (ft/s)            0.05    Avg. Vel. (ft/s)            0.05       0.06       0.05
  Max Chl Dpth (ft)         197.20    Hydr. Depth (ft)          137.64     191.70     137.70
  Conv. Total (cfs)       496589500.0    Conv. (cfs)            369368700.0   12252080.0   114968800.0
  Length Wtd. (ft)          242.06    Wetted Per. (ft)        10257.34     209.25    3259.82
  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)    58616.89    2773.76   20190.35
  C & E Loss (ft)                     Cum SA (acres)            424.57      14.46     137.53

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.
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                                                                TXU_Rev1.rep
        10300   10600          239.04  239.04  239.04              .1        .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)          239.04     239.04     239.04
  Crit W.S. (ft)                      Flow Area (sq ft)      1421457.00   56584.91   469679.00
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)           1421457.00   56584.91   469679.00
  Q Total (cfs)           86807.49    Flow (cfs)               63058.87    3059.90   20688.72
  Top Width (ft)          14000.00    Top Width (ft)           10300.00     300.00    3400.00
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         198.20    Hydr. Depth (ft)         138.01     188.62     138.14
  Conv. Total (cfs)       515749600.0    Conv. (cfs)           374651900.0  18179790.0  122918000.0
  Length Wtd. (ft)          239.04    Wetted Per. (ft)         10357.34     306.35    3458.88
  Min Ch El (ft)            577.00    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)     50766.63    2510.02   17661.06
  C & E Loss (ft)                     Cum SA (acres)             367.62      13.07     119.19

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 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  252.96            .1        .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)          252.96     252.96     252.96
  Crit W.S. (ft)                      Flow Area (sq ft)      1421457.00   56759.91   455599.10
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)           1421457.00   56759.91   455599.10
  Q Total (cfs)           86786.89    Flow (cfs)               62659.01    3052.59   21075.30
  Top Width (ft)          13600.00    Top Width (ft)           10300.00     300.00    3000.00
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.05
  Max Chl Dpth (ft)         199.20    Hydr. Depth (ft)         138.01     189.20     151.87
  Conv. Total (cfs)       518917800.0    Conv. (cfs)           374651900.0  18252070.0  126013800.0
  Length Wtd. (ft)          252.96    Wetted Per. (ft)         10357.34     306.90    3088.06
  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)     42966.23    2199.02   15122.28
  C & E Loss (ft)                     Cum SA (acres)             311.09      11.43     101.63

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 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

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             25      25      25            .1        .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)           25.00      25.00      25.00
  Crit W.S. (ft)                      Flow Area (sq ft)      1421457.00   56934.91   454099.10
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)           1421457.00   56934.91   454099.10
  Q Total (cfs)           86765.05    Flow (cfs)               62721.63    3067.61   20975.80
  Top Width (ft)          13600.00    Top Width (ft)           10300.00     300.00    3000.00
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.05
  Max Chl Dpth (ft)         200.20    Hydr. Depth (ft)         138.01     189.78     151.37
  Conv. Total (cfs)       518269200.0    Conv. (cfs)           374651900.0  18323610.0  125293700.0
  Length Wtd. (ft)           25.00    Wetted Per. (ft)         10357.34     307.46    3089.15
  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)     34711.60    1868.90   12480.90
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                                                                    TXU_Rev1.rep
  C & E Loss (ft)                    Cum SA (acres)            251.28       9.69      84.21

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 2171.*

INPUT
Description:
Station Elevation Data     num=      49
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720  584.72  690.35  902.62  676.07  974.53  674.87 1266.89  670.48
 1303.79  669.84 1604.66  672.96 1949.06  666.22 2143.96  663.02 2206.41   661.9
 2607.57     670 2728.68     670 2808.16  669.84 3703.21  649.26 3710.78   649.1
 4111.94   649.1 4385.38  642.63 4482.83  639.33 4677.74  634.71 5067.55  623.49
 5215.15  619.87  5716.6  614.03 5749.72     614 7601.32     614 7622.14  614.02
 7698.77  613.07  8023.3   608.7 8186.04   608.7 8186.04   608.2 8965.66   608.2
  9226.8  607.89 9550.38  606.05 9627.96  605.58 9745.28  603.8210029.13     600
   10330     600  10385   574.9  10440   574.9  10640     60011981.18  608.44
12249.41  609.9312261.33  610.1312607.06  634.4712785.88  646.0612869.33     651
   13072  646.513143.53   646.513274.67  647.36  13680   690.5

Manning's n Values         num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10330     .15   10640     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         10330   10640               25      25      25             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)             25.00      25.00      25.00
  Crit W.S. (ft)                      Flow Area (sq ft)       1425043.00   58892.66   458104.20
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1425043.00   58892.66   458104.20
  Q Total (cfs)           86762.91    Flow (cfs)              62584.22    3165.72   21012.97
  Top Width (ft)          13680.00    Top Width (ft)          10330.00     310.00    3040.00
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.05
  Max Chl Dpth (ft)         200.30    Hydr. Depth (ft)          137.95     189.98     150.69
  Conv. Total (cfs)       520560900.0    Conv. (cfs)             375493400.0   18993700.0   126073800.0
  Length Wtd. (ft)           25.00    Wetted Per. (ft)        10387.77     317.03    3128.45
  Min Ch El (ft)            574.90    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)    33894.77    1835.66   12219.13
  C & E Loss (ft)                     Cum SA (acres)            245.36       9.51      82.48

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 2146.*

INPUT
Description:
Station Elevation Data     num=      49
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720  586.42   689.2  905.24  676.15  977.36     675 1270.57  671.32
 1307.57  670.68 1609.32  672.91 1954.72  666.31 2150.19   663.8 2212.82   662.8
 2615.15     670  2736.6     670 2816.31  669.67 3713.96  649.34 3721.55   649.2
 4123.88   649.2 4398.11  643.45 4495.85   639.4 4691.32   635.3 5082.26   623.1
 5230.29  619.74  5733.2  614.06 5766.42     614  7623.4     614 7644.27  614.04
 7721.13  613.28  8046.6   609.4 8209.81   609.4 8209.81   608.4  8991.7   608.4
 9253.59  607.77 9578.11  605.71 9655.92  605.16 9773.58   603.410058.25     600
   10360     600  10420   574.8  10480   574.8  10680     60012038.82  608.62
12310.59  609.9412322.67  610.2712672.94  636.212854.12  647.6112938.67     652
   13144     64813216.47     64813349.33  649.71  13760     691

Manning's n Values         num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10360     .15   10680     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         10360   10680               25      25      25             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)             25.00      25.00      25.00
  Crit W.S. (ft)                      Flow Area (sq ft)       1428634.00   60851.87   462043.60
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1428634.00   60851.87   462043.60
  Q Total (cfs)           86760.76    Flow (cfs)              62451.72    3262.87   21046.17
  Top Width (ft)          13760.00    Top Width (ft)          10360.00     320.00    3080.00
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.05
  Max Chl Dpth (ft)         200.40    Hydr. Depth (ft)          137.90     190.16     150.01
  Conv. Total (cfs)       522823600.0    Conv. (cfs)             376336400.0   19662160.0   126825000.0
  Length Wtd. (ft)           25.00    Wetted Per. (ft)        10418.22     326.66    3167.79
  Min Ch El (ft)            574.80    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)    33075.88    1801.30   11955.08
  C & E Loss (ft)                     Cum SA (acres)            239.42       9.33      80.72

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

CROSS SECTION
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                                                                    TXU_Rev1.rep
RIVER: SQUAW CREEK
REACH: SC                    RS: 2121.*

INPUT
Description:
Station Elevation Data     num=      49
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720  588.11  688.05  907.86  676.22  980.19  675.12 1274.25  672.15
 1311.36  671.52 1613.98  672.87 1960.38  666.39 2156.42  664.57 2219.22   663.7
 2622.72     670 2744.53     670 2824.47  669.51 3724.72  649.42 3732.33   649.3
 4135.83   649.3 4410.85  644.27 4508.87  639.48 4704.91  635.89 5096.98  622.72
 5245.44  619.61 5749.81  614.09 5783.11     614 7645.47     614 7666.41  614.06
 7743.49   613.5  8069.9   610.1 8233.58   610.1 8233.58   608.6 9017.74   608.6
 9280.39  607.66 9605.85  605.37 9683.88  604.74 9801.89  602.9710087.38     600
   10390     600   10455   574.7   10520   574.7   10720     60012096.47  608.79
12371.76  609.95   12384  610.412738.82  637.9212922.35  649.16   13008     653
   13216  649.513289.41   649.5   13424  652.07   13840   691.5

Manning's n Values         num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10390     .15   10720     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
        10390   10720                 25      25      25              .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)             25.00      25.00      25.00
  Crit W.S. (ft)                      Flow Area (sq ft)       1432217.00   62812.61   465939.30
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1432217.00   62812.61   465939.30
  Q Total (cfs)           86758.60    Flow (cfs)              62322.50    3359.14   21076.96
  Top Width (ft)          13840.00    Top Width (ft)          10390.00     330.00    3120.00
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.05
  Max Chl Dpth (ft)         200.50    Hydr. Depth (ft)           137.85     190.34     149.34
  Conv. Total (cfs)       525062500.0    Conv. (cfs)            377175400.0   20329470.0   127557600.0
  Length Wtd. (ft)           25.00    Wetted Per. (ft)        10448.71     336.34    3207.15
  Min Ch El (ft)            574.70    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)    32254.93    1765.81   11688.79
  C & E Loss (ft)                     Cum SA (acres)            233.47       9.14      78.94


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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                    RS: 2096.*

INPUT
Description:
Station Elevation Data     num=      49
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720  589.81   686.9  910.49   676.3  983.02  675.25 1277.92  672.99
 1315.15  672.36 1618.64  672.82 1966.04  666.48 2162.64  665.35 2225.63   664.6
 2630.29     670 2752.45     670 2832.62  669.35 3735.47  649.51 3743.11   649.4
 4147.77   649.4 4423.58  645.09 4521.89  639.55 4718.49  636.48  5111.7  622.33
 5260.58  619.48 5766.41  614.12 5799.81     614 7667.55     614 7688.54  614.09
 7765.85  613.71  8093.2   610.8 8257.36   610.8 8257.36   608.8 9043.77   608.8
 9307.18  607.55 9633.58  605.03 9711.84  604.32 9830.19  602.55 10116.5     600
   10420     600   10490   574.6   10560   574.6   10760     60012154.12  608.96
12432.94  609.9612445.33  610.5312804.71  639.6512990.59  650.7113077.33     654
   13288     65113362.35     65113498.67  654.42   13920     692

Manning's n Values         num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10420     .15   10760     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
        10420   10760                 25      25      25              .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)             25.00      25.00      25.00
  Crit W.S. (ft)                      Flow Area (sq ft)       1435790.00   64774.86   469781.20
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1435790.00   64774.86   469781.20
  Q Total (cfs)           86756.45    Flow (cfs)              62196.96    3454.65   21104.84
  Top Width (ft)          13920.00    Top Width (ft)          10420.00     340.00    3160.00
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         200.60    Hydr. Depth (ft)           137.79     190.51     148.66
  Conv. Total (cfs)       527272400.0    Conv. (cfs)            378009300.0   20996010.0   128267100.0
  Length Wtd. (ft)           25.00    Wetted Per. (ft)        10479.23     346.07    3246.55
  Min Ch El (ft)            574.60    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)    31431.93    1729.20   11420.27
  C & E Loss (ft)                     Cum SA (acres)            227.50       8.95      77.14


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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                    RS: 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
                                                                  Page 336
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                                                                    TXU_Rev1.rep
 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               25      25      25             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)           25.00      25.00      25.00
  Crit W.S. (ft)                      Flow Area (sq ft)       1439374.00   66738.60   473561.40
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1439374.00   66738.60   473561.40
  Q Total (cfs)           86754.28    Flow (cfs)              62075.82    3549.42   21129.04
  Top Width (ft)          14000.00    Top Width (ft)          10450.00     350.00    3200.00
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)           0.04       0.05       0.04
  Max Chl Dpth (ft)         200.70    Hydr. Depth (ft)          137.74     190.68     147.99
  Conv. Total (cfs)       529459500.0    Conv. (cfs)           378847300.0   21662050.0   128950100.0
  Length Wtd. (ft)           25.00    Wetted Per. (ft)        10509.77     355.84    3285.97
  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)    30606.87    1691.46   11149.57
  C & E Loss (ft)                     Cum SA (acres)            221.51       8.75      75.31

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                   RS: 2046.*

INPUT
Description:
Station Elevation Data      num=       49
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720  593.21   684.6  915.73  676.44  988.68   675.5 1285.28  674.66
 1322.72  674.04 1627.96  672.73 1977.36  666.65 2175.09   666.9 2238.45   666.4
 2645.44     670  2768.3     670 2848.93  669.02 3756.98  649.67 3764.66   649.6
 4171.65   649.6 4449.06  646.72 4547.92   639.7 4745.66  637.65 5141.13  621.55
 5290.87  619.22 5799.61  614.17 5833.21     614  7711.7     614 7732.82  614.13
 7810.57  614.14 8139.81   612.2 8304.91   612.2 8304.91   609.2 9095.85   609.2
 9360.78  607.32 9689.06  604.35 9767.77  603.48 9886.79  601.710174.76     600
   10480     600   10560   574.4   10640   574.4   10840    60012269.41  609.31
12555.29  609.97   12568  610.812936.47  643.113127.06   653.8   13216     656
   13432     65413508.24     654   13648  659.13   14080     693

Manning's n Values          num=        3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10480     .15   10840     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         10480   10840               25      25      25             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)           25.00      25.00      25.00
  Crit W.S. (ft)                      Flow Area (sq ft)       1442958.00   68703.84   477295.20
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1442958.00   68703.84   477295.20
  Q Total (cfs)           86752.11    Flow (cfs)              61957.91    3643.51   21150.68
  Top Width (ft)          14080.00    Top Width (ft)          10480.00     360.00    3240.00
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)           0.04       0.05       0.04
  Max Chl Dpth (ft)         200.80    Hydr. Depth (ft)          137.69     190.84     147.31
  Conv. Total (cfs)       531626100.0    Conv. (cfs)           379684600.0   22327810.0   129613600.0
  Length Wtd. (ft)           25.00    Wetted Per. (ft)        10540.35     365.63    3325.43
  Min Ch El (ft)            574.40    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)    29779.75    1652.60   10876.71
  C & E Loss (ft)                     Cum SA (acres)            215.50       8.55      73.47

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                   RS: 2021.*

INPUT
Description:
Station Elevation Data      num=       49
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720  594.91  683.45  918.35  676.52  991.51  675.62 1288.96  675.49
  1326.5  674.88 1632.62  672.69 1983.02  666.74 2181.32  667.67 2244.85   667.3
 2653.01     670 2776.23     670 2857.09  668.86 3767.74  649.75 3775.44   649.7
 4183.59   649.7 4461.79  647.54 4560.94  639.78 4759.25  638.24 5155.85  621.16
 5306.02  619.09 5816.21   614.2 5849.91     614 7733.77     614 7754.95  614.15
 7832.92  614.36 8163.11   612.9 8328.68   612.9 8328.68   609.4 9121.89   609.4
 9387.57  607.21 9716.79  604.02 9795.73  603.06 9915.09  601.2710203.88     600
   10510     600   10595   574.3   10680   574.3   10880    60012327.06  609.48
12616.47  609.9812629.33  610.9313002.35  644.8213195.29  655.3513285.33     657
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                                                                    TXU_Rev1.rep
   13504   655.513581.18   655.513722.67  661.49   14160   693.5

Manning's n Values          num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10510     .15   10880     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         10510   10880               25      25      25             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)             25.00      25.00      25.00
  Crit W.S. (ft)                      Flow Area (sq ft)       1446523.00   70670.60   480974.80
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1446523.00   70670.60   480974.80
  Q Total (cfs)           86749.91    Flow (cfs)              61843.20    3737.03   21169.68
  Top Width (ft)          14160.00    Top Width (ft)          10510.00     370.00    3280.00
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         200.90    Hydr. Depth (ft)          137.63     191.00     146.64
  Conv. Total (cfs)       533761400.0    Conv. (cfs)            380513500.0   22993470.0   130254400.0
  Length Wtd. (ft)           25.00    Wetted Per. (ft)        10570.96     375.44    3364.91
  Min Ch El (ft)            574.30    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)    28950.59    1612.60   10601.73
  C & E Loss (ft)                     Cum SA (acres)            209.48       8.34      71.59

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                   RS: 1996.*

INPUT
Description:
Station Elevation Data      num=      49
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720   596.6   682.3  920.97  676.59  994.34  675.75 1292.64  676.33
 1330.29  675.72 1637.28  672.64 1988.68  666.83 2187.55  668.45 2251.26   668.2
 2660.58     670 2784.15     670 2865.24   668.7 3778.49  649.84 3786.21   649.8
 4195.53   649.8 4474.53  648.36 4573.96  639.85 4772.83  638.83 5170.57  620.78
 5321.17  618.96 5832.82  614.23  5866.6     614 7755.85     614 7777.09  614.17
 7855.28  614.57 8186.41   613.6 8352.45   613.6 8352.45   609.6 9147.92   609.6
 9414.37   607.1 9744.53  603.68 9823.69  602.64  9943.4  600.8510233.01     600
   10540     600   10630   574.2   10720   574.2   10920    60012384.71  609.65
12677.65  609.9912690.67  611.0713068.24  646.5513263.53   656.913354.67     658
   13576    65713654.12    65713797.33  663.84   14240     694

Manning's n Values          num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10540     .15   10920     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         10540   10920               25      25      25             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)             25.00      25.00      25.00
  Crit W.S. (ft)                      Flow Area (sq ft)       1450083.00   72638.84   484598.80
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1450083.00   72638.84   484598.80
  Q Total (cfs)           86747.73    Flow (cfs)              61731.93    3829.99   21185.80
  Top Width (ft)          14240.00    Top Width (ft)          10540.00     380.00    3320.00
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         201.00    Hydr. Depth (ft)          137.58     191.15     145.96
  Conv. Total (cfs)       535870200.0    Conv. (cfs)            381339100.0   23659170.0   130871900.0
  Length Wtd. (ft)           25.00    Wetted Per. (ft)        10601.60     385.28    3404.41
  Min Ch El (ft)            574.20    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)    28119.38    1571.48   10324.65
  C & E Loss (ft)                     Cum SA (acres)            203.44       8.12      69.70

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                   RS: 1971.*

INPUT
Description:
Station Elevation Data      num=      49
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720   598.3  681.15  923.59  676.66  997.17  675.87 1296.32  677.16
 1334.08  676.56 1641.94   672.6 1994.34  666.91 2193.77  669.22 2257.67   669.1
 2668.16     670 2792.08     670  2873.4  668.53 3789.25  649.92 3796.99   649.9
 4207.48   649.9 4487.26  649.18 4586.98  639.93 4786.42  639.41 5185.28  620.39
 5336.31  618.83 5849.42  614.26  5883.3     614 7777.92     614 7799.22  614.19
 7877.64  614.79 8209.71   614.3 8376.23   614.3 8376.23   609.8 9173.96   609.8
 9441.17  606.99 9772.26  603.34 9851.65  602.23  9971.7  600.4210262.14     600
   10570     600   10665   574.1   10760   574.1   10960    60012442.35  609.83
12738.82  609.99   12752  611.213134.12  648.2713331.76  658.45   13424     659
   13648  658.513727.06   658.5   13872   666.2   14320   694.5

Manning's n Values          num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10570     .15   10960     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         10570   10960               25      25      25             .1       .3
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CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)           25.00      25.00      25.00
  Crit W.S. (ft)                      Flow Area (sq ft)      1453657.00   74608.59   488163.20
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)           1453657.00   74608.59   488163.20
  Q Total (cfs)           86745.56    Flow (cfs)             61624.63    3922.39   21198.54
  Top Width (ft)          14320.00    Top Width (ft)         10570.00     390.00    3360.00
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)           0.04       0.05       0.04
  Max Chl Dpth (ft)         201.10    Hydr. Depth (ft)         137.53     191.30     145.29
  Conv. Total (cfs)       537959600.0    Conv. (cfs)           382170100.0   24325020.0   131464500.0
  Length Wtd. (ft)           25.00    Wetted Per. (ft)       10632.26     395.14    3443.94
  Min Ch El (ft)            574.10    Shear (lb/sq ft)           0.00       0.00       0.00
  Alpha                       1.01    Stream Power (lb/ft s)     0.00       0.00       0.00
  Frctn Loss (ft)             0.00    Cum Volume (acre-ft)   27286.12    1529.22   10045.50
  C & E Loss (ft)                     Cum SA (acres)           197.38       7.90      67.78

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 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    4.95            .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)      1457216.00   76579.84   491678.60
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)           1457216.00   76579.84   491678.60
  Q Total (cfs)           86743.40    Flow (cfs)             61520.06    4014.31   21209.03
  Top Width (ft)          14400.00    Top Width (ft)         10600.00     400.00    3400.00
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)           0.04       0.05       0.04
  Max Chl Dpth (ft)         201.20    Hydr. Depth (ft)         137.47     191.45     144.61
  Conv. Total (cfs)       540021900.0    Conv. (cfs)           382993800.0   24991120.0   132037000.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)       10662.96     405.01    3483.50
  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)   26450.81    1485.84    9764.33
  C & E Loss (ft)                     Cum SA (acres)           191.31       7.68      65.84

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 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.
         10600   11000             4.95    4.95    4.95            .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)      1457216.00   76584.84   492110.70
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)           1457216.00   76584.84   492110.70
  Q Total (cfs)           86742.97    Flow (cfs)             61500.94    4013.45   21228.59
  Top Width (ft)          14401.23    Top Width (ft)         10600.00     400.00    3401.23
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)           0.04       0.05       0.04
  Max Chl Dpth (ft)         201.22    Hydr. Depth (ft)         137.47     191.46     144.69
  Conv. Total (cfs)       540187100.0    Conv. (cfs)           382993800.0   24993530.0   132199900.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)       10662.96     405.02    3484.71
  Min Ch El (ft)            573.98    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)    26285.22    1477.13    9708.43
  C & E Loss (ft)                      Cum SA (acres)            190.10       7.63      65.46

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 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.
         10600   11000             4.95    4.95    4.95             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)              4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76592.33   492533.20
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76592.33   492533.20
  Q Total (cfs)           86742.54    Flow (cfs)              61482.19    4012.80   21247.54
  Top Width (ft)          14402.47    Top Width (ft)          10600.00     400.00    3402.47
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         201.25    Hydr. Depth (ft)          137.47     191.48     144.76
  Conv. Total (cfs)       540349200.0    Conv. (cfs)             382993800.0   24997140.0   132358300.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.03    3485.93
  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)    26119.63    1468.43    9652.48
  C & E Loss (ft)                     Cum SA (acres)            188.90       7.59      65.07

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 1931.14*

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 #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)              4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76597.34   492960.80
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76597.34   492960.80
  Q Total (cfs)           86742.11    Flow (cfs)              61463.32    4011.96   21266.83
  Top Width (ft)          14403.70    Top Width (ft)          10600.00     400.00    3403.70
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         201.27    Hydr. Depth (ft)          137.47     191.49     144.83
  Conv. Total (cfs)       540512400.0    Conv. (cfs)             382993800.0   24999550.0   132519100.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.03    3487.14
  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)    25954.04    1459.73    9596.49
  C & E Loss (ft)                     Cum SA (acres)            187.69       7.54      64.68

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
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                                                                    TXU_Rev1.rep
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 #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76604.83   493394.90
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76604.83   493394.90
  Q Total (cfs)           86741.68    Flow (cfs)              61444.02    4011.28   21286.39
  Top Width (ft)          14404.94    Top Width (ft)          10600.00     400.00    3404.94
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)           0.04       0.05       0.04
  Max Chl Dpth (ft)         201.30    Hydr. Depth (ft)         137.47     191.51     144.91
  Conv. Total (cfs)       540679600.0    Conv. (cfs)           382993800.0   25003150.0   132682700.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.05    3488.36
  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)    25788.44    1451.02    9540.45
  C & E Loss (ft)                     Cum SA (acres)            186.49       7.49      64.30

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 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 #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76609.84   493817.40
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76609.84   493817.40
  Q Total (cfs)           86741.25    Flow (cfs)              61425.42    4010.45   21305.38
  Top Width (ft)          14406.17    Top Width (ft)          10600.00     400.00    3406.17
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)           0.04       0.05       0.04
  Max Chl Dpth (ft)         201.32    Hydr. Depth (ft)         137.47     191.52     144.98
  Conv. Total (cfs)       540840600.0    Conv. (cfs)           382993800.0   25005560.0   132841200.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.05    3489.58
  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)    25622.85    1442.32    9484.36
  C & E Loss (ft)                     Cum SA (acres)            185.28       7.45      63.91

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 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
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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 #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)      1457216.00   76617.34   494249.90
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)           1457216.00   76617.34   494249.90
  Q Total (cfs)           86740.83    Flow (cfs)             61406.23    4009.78   21324.82
  Top Width (ft)          14407.41    Top Width (ft)         10600.00     400.00    3407.41
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)           0.04       0.05       0.04
  Max Chl Dpth (ft)         201.35    Hydr. Depth (ft)         137.47     191.54     145.05
  Conv. Total (cfs)       541006900.0    Conv. (cfs)           382993800.0   25009170.0   133004000.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)       10662.96     405.06    3490.80
  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)   25457.26    1433.61    9428.22
  C & E Loss (ft)                     Cum SA (acres)           184.08       7.40      63.52

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 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 #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)      1457216.00   76622.33   494684.90
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)           1457216.00   76622.33   494684.90
  Q Total (cfs)           86740.39    Flow (cfs)             61387.02    4008.91   21344.47
  Top Width (ft)          14408.64    Top Width (ft)         10600.00     400.00    3408.64
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)           0.04       0.05       0.04
  Max Chl Dpth (ft)         201.37    Hydr. Depth (ft)         137.47     191.56     145.13
  Conv. Total (cfs)       541173500.0    Conv. (cfs)           382993800.0   25011570.0   133168200.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)       10662.96     405.07    3492.02
  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)   25291.67    1424.90    9372.03
  C & E Loss (ft)                     Cum SA (acres)           182.87       7.36      63.14

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 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 #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)      1457216.00   76629.84   495107.80
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)           1457216.00   76629.84   495107.80
  Q Total (cfs)           86739.97    Flow (cfs)             61368.34    4008.26   21363.36
  Top Width (ft)          14409.88    Top Width (ft)         10600.00     400.00    3409.88
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)           0.04       0.05       0.04
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  Max Chl Dpth (ft)          201.40    Hydr. Depth (ft)          137.47     191.57     145.20
  Conv. Total (cfs)        541335600.0    Conv. (cfs)            382993800.0   25015180.0   133326600.0
  Length Wtd. (ft)             4.95    Wetted Per. (ft)        10662.96     405.08    3493.25
  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)    25126.08    1416.20    9315.79
  C & E Loss (ft)                      Cum SA (acres)            181.67       7.31      62.75


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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 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 #Max WS

  E.G. Elev (ft)             775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)                0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)             775.20    Reach Len. (ft)             4.95       4.95       4.95
  Crit W.S. (ft)                       Flow Area (sq ft)       1457216.00   76634.83   495539.30
  E.G. Slope (ft/ft)       0.000000    Area (sq ft)            1457216.00   76634.83   495539.30
  Q Total (cfs)            86739.54    Flow (cfs)              61349.34    4007.41   21382.79
  Top Width (ft)           14411.11    Top Width (ft)          10600.00     400.00    3411.11
  Vel Total (ft/s)             0.04    Avg. Vel. (ft/s)           0.04       0.05       0.04
  Max Chl Dpth (ft)          201.42    Hydr. Depth (ft)          137.47     191.59     145.27
  Conv. Total (cfs)        541500500.0    Conv. (cfs)            382993800.0   25017580.0   133489200.0
  Length Wtd. (ft)             4.95    Wetted Per. (ft)        10662.96     405.09    3494.48
  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)    24960.48    1407.49    9259.50
  C & E Loss (ft)                      Cum SA (acres)            180.46       7.27      62.36


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

CROSS SECTION


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    4.95             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)             775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)                0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)             775.20    Reach Len. (ft)             4.95       4.95       4.95
  Crit W.S. (ft)                       Flow Area (sq ft)       1457216.00   76642.34   495970.10
  E.G. Slope (ft/ft)       0.000000    Area (sq ft)            1457216.00   76642.34   495970.10
  Q Total (cfs)            86739.11    Flow (cfs)              61330.28    4006.74   21402.09
  Top Width (ft)           14412.35    Top Width (ft)          10600.00     400.00    3412.35
  Vel Total (ft/s)             0.04    Avg. Vel. (ft/s)           0.04       0.05       0.04
  Max Chl Dpth (ft)          201.45    Hydr. Depth (ft)          137.47     191.61     145.35
  Conv. Total (cfs)        541666200.0    Conv. (cfs)            382993800.0   25021190.0   133651200.0
  Length Wtd. (ft)             4.95    Wetted Per. (ft)        10662.96     405.10    3495.71
  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)    24794.89    1398.78    9203.16
  C & E Loss (ft)                      Cum SA (acres)            179.26       7.22      61.97


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: 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    4.95            .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)              4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76647.34   496392.20
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76647.34   496392.20
  Q Total (cfs)           86738.68    Flow (cfs)              61311.79    4005.92   21420.98
  Top Width (ft)          14413.58    Top Width (ft)          10600.00     400.00    3413.58
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         201.47    Hydr. Depth (ft)          137.47     191.62     145.42
  Conv. Total (cfs)       541826900.0    Conv. (cfs)             382993800.0   25023600.0   133809500.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.11    3496.94
  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)    24629.30    1390.07    9146.78
  C & E Loss (ft)                     Cum SA (acres)            178.06       7.18      61.59

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
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 #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)              4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76654.83   496824.70
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76654.83   496824.70
  Q Total (cfs)           86738.26    Flow (cfs)              61292.63    4005.24   21440.38
  Top Width (ft)          14414.81    Top Width (ft)          10600.00     400.00    3414.81
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         201.50    Hydr. Depth (ft)          137.47     191.64     145.49
  Conv. Total (cfs)       541993500.0    Conv. (cfs)             382993800.0   25027200.0   133972600.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.12    3498.16
  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)    24463.71    1381.36    9090.35
  C & E Loss (ft)                     Cum SA (acres)            176.85       7.13      61.20

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                    RS: 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
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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 #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)              4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76659.84   497260.80
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76659.84   497260.80
  Q Total (cfs)           86737.82    Flow (cfs)              61273.48    4004.38   21459.97
  Top Width (ft)          14416.05    Top Width (ft)          10600.00     400.00    3416.05
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         201.52    Hydr. Depth (ft)          137.47     191.65     145.57
  Conv. Total (cfs)       542160300.0    Conv. (cfs)            382993800.0   25029610.0   134136900.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.13    3499.40
  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)    24298.12    1372.65    9033.87
  C & E Loss (ft)                     Cum SA (acres)            175.65       7.09      60.81

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                   RS: 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 #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)              4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76667.33   497691.80
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76667.33   497691.80
  Q Total (cfs)           86737.40    Flow (cfs)              61254.43    4003.71   21479.26
  Top Width (ft)          14417.28    Top Width (ft)          10600.00     400.00    3417.28
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         201.55    Hydr. Depth (ft)          137.47     191.67     145.64
  Conv. Total (cfs)       542326200.0    Conv. (cfs)            382993800.0   25033210.0   134299200.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.14    3500.63
  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)    24132.53    1363.94    8977.33
  C & E Loss (ft)                     Cum SA (acres)            174.44       7.04      60.42

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                   RS: 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 #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)              4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76672.34   498118.00
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  E.G. Slope (ft/ft)       0.000000    Area (sq ft)            1457216.00   76672.34   498118.00
  Q Total (cfs)            86736.97    Flow (cfs)              61235.81    4002.88   21498.29
  Top Width (ft)           14418.52    Top Width (ft)          10600.00     400.00    3418.52
  Vel Total (ft/s)             0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)          201.57    Hydr. Depth (ft)          137.47     191.68     145.71
  Conv. Total (cfs)        542488400.0    Conv. (cfs)            382993800.0   25035610.0   134459100.0
  Length Wtd. (ft)             4.95    Wetted Per. (ft)        10662.96     405.15    3501.88
  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)    23966.93    1355.22    8920.75
  C & E Loss (ft)                      Cum SA (acres)            173.24       6.99      60.03


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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                RS: 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 #Max WS

  E.G. Elev (ft)             775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)                0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)             775.20    Reach Len. (ft)             4.95       4.95       4.95
  Crit W.S. (ft)                       Flow Area (sq ft)       1457216.00   76679.84   498550.50
  E.G. Slope (ft/ft)       0.000000    Area (sq ft)            1457216.00   76679.84   498550.50
  Q Total (cfs)            86736.54    Flow (cfs)              61216.70    4002.20   21517.64
  Top Width (ft)           14419.75    Top Width (ft)          10600.00     400.00    3419.75
  Vel Total (ft/s)             0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)          201.60    Hydr. Depth (ft)          137.47     191.70     145.79
  Conv. Total (cfs)        542655100.0    Conv. (cfs)            382993800.0   25039220.0   134622100.0
  Length Wtd. (ft)             4.95    Wetted Per. (ft)        10662.96     405.16    3503.11
  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)    23801.34    1346.51    8864.13
  C & E Loss (ft)                      Cum SA (acres)            172.03       6.95      59.64


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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                RS: 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 #Max WS

  E.G. Elev (ft)             775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)                0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)             775.20    Reach Len. (ft)             4.95       4.95       4.95
  Crit W.S. (ft)                       Flow Area (sq ft)       1457216.00   76684.83   498986.30
  E.G. Slope (ft/ft)       0.000000    Area (sq ft)            1457216.00   76684.83   498986.30
  Q Total (cfs)            86736.11    Flow (cfs)              61197.61    4001.34   21537.16
  Top Width (ft)           14420.99    Top Width (ft)          10600.00     400.00    3420.99
  Vel Total (ft/s)             0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)          201.62    Hydr. Depth (ft)          137.47     191.71     145.86
  Conv. Total (cfs)        542821600.0    Conv. (cfs)            382993800.0   25041620.0   134786300.0
  Length Wtd. (ft)             4.95    Wetted Per. (ft)        10662.96     405.17    3504.36
  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)    23635.75    1337.80    8807.45
  C & E Loss (ft)                      Cum SA (acres)            170.83       6.90      59.26


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: 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 #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)              4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76689.84   499410.10
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76689.84   499410.10
  Q Total (cfs)           86735.68    Flow (cfs)              61179.11    4000.51   21556.05
  Top Width (ft)          14422.22    Top Width (ft)          10600.00     400.00    3422.22
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         201.64    Hydr. Depth (ft)          137.47     191.72     145.93
  Conv. Total (cfs)       542983100.0    Conv. (cfs)            382993800.0   25044020.0   134945300.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.18    3505.60
  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)    23470.16    1329.08    8750.72
  C & E Loss (ft)                     Cum SA (acres)            169.62       6.86      58.87


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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 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 #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)              4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76697.33   499844.40
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76697.33   499844.40
  Q Total (cfs)           86735.25    Flow (cfs)              61159.99    3999.84   21575.43
  Top Width (ft)          14423.46    Top Width (ft)          10600.00     400.00    3423.46
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         201.67    Hydr. Depth (ft)          137.47     191.74     146.01
  Conv. Total (cfs)       543150200.0    Conv. (cfs)            382993800.0   25047620.0   135108800.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.19    3506.85
  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)    23304.57    1320.37    8693.94
  C & E Loss (ft)                     Cum SA (acres)            168.42       6.81      58.48


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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 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
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    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 #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76702.33   500281.20
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76702.33   500281.20
  Q Total (cfs)           86734.83    Flow (cfs)              61140.86    3998.97   21595.00
  Top Width (ft)          14424.69    Top Width (ft)          10600.00     400.00    3424.69
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         201.69    Hydr. Depth (ft)          137.47     191.76     146.08
  Conv. Total (cfs)       543317400.0    Conv. (cfs)            382993800.0   25050030.0   135273700.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.20    3508.09
  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)    23138.97    1311.65    8637.12
  C & E Loss (ft)                     Cum SA (acres)            167.21       6.77      58.09

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 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

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76709.84   500706.90
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76709.84   500706.90
  Q Total (cfs)           86734.39    Flow (cfs)              61122.18    3998.32   21613.88
  Top Width (ft)          14425.93    Top Width (ft)          10600.00     400.00    3425.93
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         201.72    Hydr. Depth (ft)          137.47     191.77     146.15
  Conv. Total (cfs)       543480800.0    Conv. (cfs)            382993800.0   25053630.0   135433300.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.21    3509.35
  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)    22973.38    1302.94    8580.24
  C & E Loss (ft)                     Cum SA (acres)            166.01       6.72      57.70

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 #Max WS
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  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76714.83   501140.20
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76714.83   501140.20
  Q Total (cfs)           86733.97    Flow (cfs)              61103.27    3997.47   21633.24
  Top Width (ft)          14427.16    Top Width (ft)          10600.00     400.00    3427.16
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         201.74    Hydr. Depth (ft)          137.47     191.79     146.23
  Conv. Total (cfs)       543646300.0    Conv. (cfs)             382993800.0   25056030.0   135596600.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.22    3510.60
  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)    22807.79    1294.22    8523.32
  C & E Loss (ft)                     Cum SA (acres)            164.81       6.68      57.31

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 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 #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76722.34   501576.20
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76722.34   501576.20
  Q Total (cfs)           86733.54    Flow (cfs)              61084.11    3996.79   21652.64
  Top Width (ft)          14428.40    Top Width (ft)          10600.00     400.00    3428.40
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         201.77    Hydr. Depth (ft)          137.47     191.81     146.30
  Conv. Total (cfs)       543814200.0    Conv. (cfs)             382993800.0   25059640.0   135760800.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.23    3511.85
  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)    22642.20    1285.50    8466.35
  C & E Loss (ft)                     Cum SA (acres)            163.60       6.63      56.92

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 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    4.95             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76727.34   502006.50
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76727.34   502006.50
  Q Total (cfs)           86733.11    Flow (cfs)              61065.35    3995.95   21671.81
  Top Width (ft)          14429.63    Top Width (ft)          10600.00     400.00    3429.63
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         201.79    Hydr. Depth (ft)          137.47     191.82     146.37
  Conv. Total (cfs)       543978600.0    Conv. (cfs)             382993800.0   25062040.0   135922700.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.23    3513.10
  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)    22476.61    1276.78    8409.33
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  C & E Loss (ft)                    Cum SA (acres)            162.40       6.59       56.53

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    4.95            .1        .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76734.84   502438.20
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76734.84   502438.20
  Q Total (cfs)           86732.68    Flow (cfs)              61046.40    3995.28   21691.00
  Top Width (ft)          14430.86    Top Width (ft)          10600.00     400.00    3430.86
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         201.82    Hydr. Depth (ft)          137.47     191.84     146.45
  Conv. Total (cfs)       544144700.0    Conv. (cfs)            382993800.0   25065640.0   136085300.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.25    3514.36
  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)    22311.02    1268.06    8352.26
  C & E Loss (ft)                     Cum SA (acres)            161.19       6.54      56.14

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 1817.28*

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  573.36   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 #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76739.84   502877.90
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76739.84   502877.90
  Q Total (cfs)           86732.25    Flow (cfs)              61027.22    3994.41   21710.62
  Top Width (ft)          14432.10    Top Width (ft)          10600.00     400.00    3432.10
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         201.84    Hydr. Depth (ft)          137.47     191.85     146.52
  Conv. Total (cfs)       544313000.0    Conv. (cfs)            382993800.0   25068040.0   136251200.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.25    3515.62
  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)    22145.42    1259.34    8295.14
  C & E Loss (ft)                     Cum SA (acres)            159.99       6.49      55.75

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 1812.33*

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  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 #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76747.33   503299.20
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76747.33   503299.20
  Q Total (cfs)           86731.82    Flow (cfs)              61008.83    3993.78   21729.21
  Top Width (ft)          14433.33    Top Width (ft)          10600.00     400.00    3433.33
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         201.87    Hydr. Depth (ft)          137.47     191.87     146.59
  Conv. Total (cfs)       544474400.0    Conv. (cfs)             382993800.0   25071640.0   136409000.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.27    3516.88
  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)    21979.83    1250.62    8237.97
  C & E Loss (ft)                     Cum SA (acres)            158.78       6.45      55.36

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

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 #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76752.34   503736.10
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76752.34   503736.10
  Q Total (cfs)           86731.39    Flow (cfs)              60989.82    3992.92   21748.66
  Top Width (ft)          14434.57    Top Width (ft)          10600.00     400.00    3434.57
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         201.89    Hydr. Depth (ft)          137.47     191.88     146.67
  Conv. Total (cfs)       544641400.0    Conv. (cfs)             382993800.0   25074040.0   136573600.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.27    3518.14
  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)    21814.24    1241.90    8180.75
  C & E Loss (ft)                     Cum SA (acres)            157.58       6.40      54.97

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 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.
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        10600   11000              4.95    4.95    4.95              .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)              4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)        1457216.00   76759.83   504170.50
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)             1457216.00   76759.83   504170.50
  Q Total (cfs)           86730.97    Flow (cfs)               60970.80    3992.24   21767.93
  Top Width (ft)          14435.80    Top Width (ft)           10600.00     400.00    3435.80
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         201.92    Hydr. Depth (ft)           137.47     191.90     146.74
  Conv. Total (cfs)       544808700.0    Conv. (cfs)            382993800.0   25077640.0   136737300.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)         10662.96     405.29    3519.40
  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)    21648.65    1233.18    8123.48
  C & E Loss (ft)                     Cum SA (acres)            156.37       6.36      54.58

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 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 #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)              4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)        1457216.00   76764.83   504596.50
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)             1457216.00   76764.83   504596.50
  Q Total (cfs)           86730.54    Flow (cfs)               60952.36    3991.42   21786.76
  Top Width (ft)          14437.04    Top Width (ft)           10600.00     400.00    3437.04
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         201.94    Hydr. Depth (ft)           137.47     191.91     146.81
  Conv. Total (cfs)       544970800.0    Conv. (cfs)            382993800.0   25080040.0   136897000.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)         10662.96     405.29    3520.67
  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)    21483.06    1224.45    8066.17
  C & E Loss (ft)                     Cum SA (acres)            155.17       6.31      54.19

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 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    4.95              .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)              4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)        1457216.00   76772.34   505034.60
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)             1457216.00   76772.34   505034.60
  Q Total (cfs)           86730.11    Flow (cfs)               60933.16    3990.73   21806.21
  Top Width (ft)          14438.27    Top Width (ft)           10600.00     400.00    3438.27
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         201.97    Hydr. Depth (ft)           137.47     191.93     146.89
  Conv. Total (cfs)       545139800.0    Conv. (cfs)            382993800.0   25083650.0   137062400.0
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                                                        TXU_Rev1.rep
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.30    3521.94
  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)    21317.46    1215.73    8008.80
  C & E Loss (ft)                     Cum SA (acres)            153.96       6.27      53.80

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 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    4.95             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)             4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76777.33   505468.30
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76777.33   505468.30
  Q Total (cfs)           86729.68    Flow (cfs)              60914.37    3989.88   21825.43
  Top Width (ft)          14439.51    Top Width (ft)          10600.00     400.00    3439.51
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         201.99    Hydr. Depth (ft)          137.47     191.94     146.96
  Conv. Total (cfs)       545305300.0    Conv. (cfs)            382993800.0   25086040.0   137225500.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.31    3523.21
  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)    21151.87    1207.01    7951.39
  C & E Loss (ft)                     Cum SA (acres)            152.76       6.22      53.41

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 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 #Max WS

  E.G. Elev (ft)            775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)             4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76782.34   505899.60
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76782.34   505899.60
  Q Total (cfs)           86729.25    Flow (cfs)              60895.68    3989.04   21844.54
  Top Width (ft)          14440.74    Top Width (ft)          10600.00     400.00    3440.74
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         202.01    Hydr. Depth (ft)          137.47     191.96     147.03
  Conv. Total (cfs)       545470000.0    Conv. (cfs)            382993800.0   25088450.0   137387800.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.32    3524.48
  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)    20986.28    1198.28    7893.92
  C & E Loss (ft)                     Cum SA (acres)            151.56       6.18      53.02

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 1777.67*
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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  573.16   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 #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76789.84   506338.60
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76789.84   506338.60
  Q Total (cfs)           86728.82    Flow (cfs)              60876.50    3988.36   21863.96
  Top Width (ft)          14441.98    Top Width (ft)          10600.00     400.00    3441.98
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)           0.04       0.05       0.04
  Max Chl Dpth (ft)         202.04    Hydr. Depth (ft)         137.47     191.97     147.11
  Conv. Total (cfs)       545639000.0    Conv. (cfs)            382993800.0   25092050.0   137553200.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.33    3525.75
  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)    20820.69    1189.56    7836.41
  C & E Loss (ft)                     Cum SA (acres)            150.35       6.13      52.63

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 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

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 #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76794.83   506774.30
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76794.83   506774.30
  Q Total (cfs)           86728.39    Flow (cfs)              60857.61    3987.50   21883.29
  Top Width (ft)          14443.21    Top Width (ft)          10600.00     400.00    3443.21
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)           0.04       0.05       0.04
  Max Chl Dpth (ft)         202.06    Hydr. Depth (ft)         137.47     191.99     147.18
  Conv. Total (cfs)       545805800.0    Conv. (cfs)            382993800.0   25094440.0   137717600.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.34    3527.02
  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)    20655.10    1180.83    7778.85
  C & E Loss (ft)                     Cum SA (acres)            149.15       6.09      52.24

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 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
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                                                                    TXU_Rev1.rep
     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 #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)              4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76802.34   507212.90
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76802.34   507212.90
  Q Total (cfs)           86727.96    Flow (cfs)              60838.45    3986.82   21902.70
  Top Width (ft)          14444.44    Top Width (ft)          10600.00     400.00    3444.44
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         202.09    Hydr. Depth (ft)          137.47     192.01     147.26
  Conv. Total (cfs)       545974900.0    Conv. (cfs)            382993800.0   25098040.0   137883100.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.35    3528.30
  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)    20489.51    1172.10    7721.23
  C & E Loss (ft)                     Cum SA (acres)            147.94       6.04      51.84

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 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 #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)              4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76807.33   507640.70
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76807.33   507640.70
  Q Total (cfs)           86727.53    Flow (cfs)              60820.01    3985.99   21921.53
  Top Width (ft)          14445.68    Top Width (ft)          10600.00     400.00    3445.68
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         202.11    Hydr. Depth (ft)          137.47     192.02     147.33
  Conv. Total (cfs)       546137700.0    Conv. (cfs)            382993800.0   25100440.0   138043500.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.36    3529.58
  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)    20323.91    1163.37    7663.57
  C & E Loss (ft)                     Cum SA (acres)            146.74       5.99      51.45

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  609.2613166.63  627.913230.36  637.31 13363.6  653.4913433.12  656.55
13757.53  662.3513838.63  661.714052.98  666.5514249.95  672.5614446.91     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    4.95             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)              4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76814.84   508076.60
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76814.84   508076.60
  Q Total (cfs)           86727.10    Flow (cfs)              60801.02    3985.32   21940.77
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  Top Width (ft)          14446.91    Top Width (ft)          10600.00     400.00     3446.91
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05        0.04
  Max Chl Dpth (ft)         202.14    Hydr. Depth (ft)          137.47     192.04      147.40
  Conv. Total (cfs)       546305700.0    Conv. (cfs)           382993800.0   25104040.0   138207800.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.37     3530.86
  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)    20158.32    1154.65     7605.86
  C & E Loss (ft)                     Cum SA (acres)            145.53       5.95       51.06

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 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   60012521.24  608.56
12825.49  609.2413167.41  627.4813231.15  636.9713364.44  653.4113433.99  656.46
13758.52  662.4113839.65  661.7514054.07   666.414251.11  672.2714448.15     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    4.95            .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)             4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76819.84   508514.90
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76819.84   508514.90
  Q Total (cfs)           86726.67    Flow (cfs)              60782.08    3984.46   21960.14
  Top Width (ft)          14448.15    Top Width (ft)          10600.00     400.00     3448.15
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05        0.04
  Max Chl Dpth (ft)         202.16    Hydr. Depth (ft)          137.47     192.05      147.47
  Conv. Total (cfs)       546473200.0    Conv. (cfs)           382993800.0   25106440.0   138373000.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.38     3532.14
  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)    19992.73    1145.92     7548.10
  C & E Loss (ft)                     Cum SA (acres)            144.33       5.90       50.67

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 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    4.95            .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)             4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76827.33   508943.80
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76827.33   508943.80
  Q Total (cfs)           86726.23    Flow (cfs)              60763.45    3983.80   21978.97
  Top Width (ft)          14449.38    Top Width (ft)          10600.00     400.00     3449.38
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05        0.04
  Max Chl Dpth (ft)         202.19    Hydr. Depth (ft)          137.47     192.07      147.55
  Conv. Total (cfs)       546637900.0    Conv. (cfs)           382993800.0   25110030.0   138534100.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.39     3533.42
  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)    19827.14    1137.19     7490.29
  C & E Loss (ft)                     Cum SA (acres)            143.12       5.86       50.28

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: 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    4.95             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)              4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)        1457216.00   76832.34   509382.70
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)             1457216.00   76832.34   509382.70
  Q Total (cfs)           86725.80    Flow (cfs)               60744.50    3982.94   21998.36
  Top Width (ft)          14450.62    Top Width (ft)           10600.00     400.00    3450.62
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)             0.04       0.05       0.04
  Max Chl Dpth (ft)         202.21    Hydr. Depth (ft)           137.47     192.08     147.62
  Conv. Total (cfs)       546805700.0    Conv. (cfs)             382993800.0   25112430.0   138699500.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)         10662.96     405.40    3534.71
  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)     19661.55    1128.46    7432.43
  C & E Loss (ft)                     Cum SA (acres)             141.92       5.81      49.89

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
    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 #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)              4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)        1457216.00   76839.83   509822.20
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)             1457216.00   76839.83   509822.20
  Q Total (cfs)           86725.36    Flow (cfs)               60725.37    3982.26   22017.74
  Top Width (ft)          14451.85    Top Width (ft)           10600.00     400.00    3451.85
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)             0.04       0.05       0.04
  Max Chl Dpth (ft)         202.24    Hydr. Depth (ft)           137.47     192.10     147.70
  Conv. Total (cfs)       546975200.0    Conv. (cfs)             382993800.0   25116030.0   138865500.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)         10662.96     405.41    3535.99
  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)     19495.96    1119.72    7374.52
  C & E Loss (ft)                     Cum SA (acres)             140.71       5.77      49.49

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
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                                                                    TXU_Rev1.rep
 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 #Max WS

  E.G. Elev (ft)            775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)             4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76844.84   510251.30
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76844.84   510251.30
  Q Total (cfs)           86724.92    Flow (cfs)              60706.93    3981.43   22036.56
  Top Width (ft)          14453.09    Top Width (ft)          10600.00     400.00    3453.09
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         202.26    Hydr. Depth (ft)          137.47     192.11     147.77
  Conv. Total (cfs)       547138600.0    Conv. (cfs)            382993800.0   25118430.0   139026400.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.42    3537.29
  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)    19330.36    1110.99    7316.56
  C & E Loss (ft)                     Cum SA (acres)            139.51       5.72      49.10

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 #Max WS

  E.G. Elev (ft)            775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)             4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76852.34   510691.20
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76852.34   510691.20
  Q Total (cfs)           86724.48    Flow (cfs)              60687.80    3980.75   22055.93
  Top Width (ft)          14454.32    Top Width (ft)          10600.00     400.00    3454.32
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         202.29    Hydr. Depth (ft)          137.47     192.13     147.84
  Conv. Total (cfs)       547308200.0    Conv. (cfs)            382993800.0   25122030.0   139192500.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.43    3538.57
  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)    19164.77    1102.26    7258.55
  C & E Loss (ft)                     Cum SA (acres)            138.31       5.68      48.71

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                   RS: 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    4.95             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                 0.150      0.150      0.150
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                                                                TXU_Rev1.rep
  W.S. Elev (ft)            775.20    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76857.33   511129.50
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76857.33   511129.50
  Q Total (cfs)           86724.05    Flow (cfs)              60668.93    3979.89   22075.23
  Top Width (ft)          14455.56    Top Width (ft)          10600.00     400.00    3455.56
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         202.31    Hydr. Depth (ft)          137.47     192.14     147.92
  Conv. Total (cfs)       547475800.0    Conv. (cfs)            382993800.0   25124420.0   139357600.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.44    3539.87
  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)    18999.18    1093.53    7200.49
  C & E Loss (ft)                     Cum SA (acres)            137.10       5.63      48.32

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 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    4.95            .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76864.84   511560.80
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76864.84   511560.80
  Q Total (cfs)           86723.61    Flow (cfs)              60650.26    3979.23   22094.12
  Top Width (ft)          14456.79    Top Width (ft)          10600.00     400.00    3456.79
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         202.34    Hydr. Depth (ft)          137.47     192.16     147.99
  Conv. Total (cfs)       547641500.0    Conv. (cfs)            382993800.0   25128020.0   139519700.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.45    3541.16
  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)    18833.59    1084.79    7142.39
  C & E Loss (ft)                     Cum SA (acres)            135.90       5.59      47.92

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 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    4.95            .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76869.83   512002.20
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76869.83   512002.20
  Q Total (cfs)           86723.17    Flow (cfs)              60631.23    3978.36   22113.58
  Top Width (ft)          14458.02    Top Width (ft)          10600.00     400.00    3458.02
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         202.36    Hydr. Depth (ft)          137.47     192.17     148.06
  Conv. Total (cfs)       547810600.0    Conv. (cfs)            382993800.0   25130410.0   139686400.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.46    3542.45
  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)    18668.00    1076.06    7084.23
  C & E Loss (ft)                     Cum SA (acres)            134.69       5.54      47.53
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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: 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     60012526.14  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    4.95             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)              4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76877.34   512438.00
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76877.34   512438.00
  Q Total (cfs)           86722.73    Flow (cfs)              60612.38    3977.69   22132.65
  Top Width (ft)          14459.26    Top Width (ft)          10600.00     400.00    3459.26
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         202.39    Hydr. Depth (ft)           137.47     192.19     148.14
  Conv. Total (cfs)       547978200.0    Conv. (cfs)            382993800.0   25134010.0   139850400.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.47    3543.75
  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)    18502.40    1067.32    7026.02
  C & E Loss (ft)                     Cum SA (acres)            133.49       5.49      47.14


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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 1703.42*

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  572.79   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    4.95             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)              4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76882.34   512869.80
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76882.34   512869.80
  Q Total (cfs)           86722.30    Flow (cfs)              60593.87    3976.86   22151.57
  Top Width (ft)          14460.49    Top Width (ft)          10600.00     400.00    3460.49
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         202.41    Hydr. Depth (ft)           137.47     192.21     148.21
  Conv. Total (cfs)       548142900.0    Conv. (cfs)            382993800.0   25136400.0   140012700.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.48    3545.05
  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)    18336.81    1058.58    6967.77
  C & E Loss (ft)                     Cum SA (acres)            132.28       5.45      46.74


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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 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
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                                                                    TXU_Rev1.rep
    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    4.95             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)              4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76887.33   513307.20
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76887.33   513307.20
  Q Total (cfs)           86721.86    Flow (cfs)              60575.11    3976.01    22170.75
  Top Width (ft)          14461.73    Top Width (ft)          10600.00     400.00     3461.73
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         202.43    Hydr. Depth (ft)          137.47     192.22     148.28
  Conv. Total (cfs)       548309900.0    Conv. (cfs)            382993800.0   25138790.0   140177300.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.49     3546.36
  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)    18171.22    1049.85     6909.46
  C & E Loss (ft)                     Cum SA (acres)            131.08       5.40       46.35

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 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.
         10600   11000             4.95    4.95    4.95             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)              4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76894.84   513747.20
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76894.84   513747.20
  Q Total (cfs)           86721.42    Flow (cfs)              60556.06    3975.32    22190.04
  Top Width (ft)          14462.96    Top Width (ft)          10600.00     400.00     3462.96
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         202.46    Hydr. Depth (ft)          137.47     192.24     148.35
  Conv. Total (cfs)       548479600.0    Conv. (cfs)            382993800.0   25142390.0   140343500.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.50     3547.65
  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)    18005.63    1041.11     6851.11
  C & E Loss (ft)                     Cum SA (acres)            129.87       5.36       45.96

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 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    4.95             .1       .3
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CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76899.84   514179.90
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76899.84   514179.90
  Q Total (cfs)           86720.98    Flow (cfs)              60537.55    3974.49   22208.94
  Top Width (ft)          14464.20    Top Width (ft)          10600.00     400.00    3464.20
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)           0.04       0.05       0.04
  Max Chl Dpth (ft)         202.48    Hydr. Depth (ft)         137.47     192.25     148.43
  Conv. Total (cfs)       548644500.0    Conv. (cfs)           382993800.0   25144790.0   140505900.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.51    3548.97
  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)    17840.04    1032.37    6792.70
  C & E Loss (ft)                     Cum SA (acres)            128.67       5.31      45.56

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                   RS: 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    4.95             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76907.34   514623.60
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76907.34   514623.60
  Q Total (cfs)           86720.55    Flow (cfs)              60518.35    3973.79   22228.40
  Top Width (ft)          14465.43    Top Width (ft)          10600.00     400.00    3465.43
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)           0.04       0.05       0.04
  Max Chl Dpth (ft)         202.51    Hydr. Depth (ft)         137.47     192.27     148.50
  Conv. Total (cfs)       548815800.0    Conv. (cfs)           382993800.0   25148380.0   140673600.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.52    3550.27
  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)    17674.45    1023.63    6734.25
  C & E Loss (ft)                     Cum SA (acres)            127.46       5.27      45.17

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 #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76912.34   515061.60
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76912.34   515061.60
  Q Total (cfs)           86720.11    Flow (cfs)              60499.61    3972.94   22247.56
  Top Width (ft)          14466.67    Top Width (ft)          10600.00     400.00    3466.67
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)           0.04       0.05       0.04
  Max Chl Dpth (ft)         202.53    Hydr. Depth (ft)         137.47     192.28     148.58
  Conv. Total (cfs)       548983000.0    Conv. (cfs)           382993800.0   25150780.0   140838500.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.53    3551.58
  Min Ch El (ft)            572.67    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)    17508.85    1014.89    6675.74
  C & E Loss (ft)                      Cum SA (acres)            126.26       5.22      44.78

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 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 #Max WS

  E.G. Elev (ft)             775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)                0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)             775.20    Reach Len. (ft)             4.95       4.95       4.95
  Crit W.S. (ft)                       Flow Area (sq ft)       1457216.00   76919.83   515491.50
  E.G. Slope (ft/ft)       0.000000    Area (sq ft)            1457216.00   76919.83   515491.50
  Q Total (cfs)            86719.67    Flow (cfs)              60481.13    3972.30   22266.25
  Top Width (ft)           14467.90    Top Width (ft)          10600.00     400.00    3467.90
  Vel Total (ft/s)             0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)          202.56    Hydr. Depth (ft)          137.47     192.30     148.65
  Conv. Total (cfs)        549148000.0    Conv. (cfs)            382993800.0   25154360.0   140999900.0
  Length Wtd. (ft)             4.95    Wetted Per. (ft)        10662.96     405.54    3552.89
  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)    17343.26    1006.15    6617.19
  C & E Loss (ft)                      Cum SA (acres)            125.06       5.18      44.38

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 1668.76*

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 #Max WS

  E.G. Elev (ft)             775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)                0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)             775.20    Reach Len. (ft)             4.95       4.95       4.95
  Crit W.S. (ft)                       Flow Area (sq ft)       1457216.00   76924.84   515932.80
  E.G. Slope (ft/ft)       0.000000    Area (sq ft)            1457216.00   76924.84   515932.80
  Q Total (cfs)            86719.23    Flow (cfs)              60462.24    3971.43   22285.56
  Top Width (ft)           14469.14    Top Width (ft)          10600.00     400.00    3469.14
  Vel Total (ft/s)             0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)          202.58    Hydr. Depth (ft)          137.47     192.31     148.72
  Conv. Total (cfs)        549316800.0    Conv. (cfs)            382993800.0   25156760.0   141166300.0
  Length Wtd. (ft)             4.95    Wetted Per. (ft)        10662.96     405.55    3554.20
  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)    17177.67     997.41    6558.58
  C & E Loss (ft)                      Cum SA (acres)            123.85       5.13      43.99

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 1663.81*

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  572.59   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 #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)              4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76932.33   516375.90
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76932.33   516375.90
  Q Total (cfs)           86718.80    Flow (cfs)              60443.11    3970.74   22304.94
  Top Width (ft)          14470.37    Top Width (ft)          10600.00     400.00    3470.37
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         202.61    Hydr. Depth (ft)          137.47     192.33     148.80
  Conv. Total (cfs)       549487900.0    Conv. (cfs)            382993800.0   25160350.0   141333700.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.56    3555.51
  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)    17012.08     988.67    6499.93
  C & E Loss (ft)                     Cum SA (acres)            122.65       5.09      43.59

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
     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 #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)              4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76937.34   516809.70
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76937.34   516809.70
  Q Total (cfs)           86718.36    Flow (cfs)              60424.60    3969.91   22323.85
  Top Width (ft)          14471.60    Top Width (ft)          10600.00     400.00    3471.60
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         202.63    Hydr. Depth (ft)          137.47     192.34     148.87
  Conv. Total (cfs)       549653400.0    Conv. (cfs)            382993800.0   25162750.0   141496900.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.57    3556.82
  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)    16846.49     979.93    6441.23
  C & E Loss (ft)                     Cum SA (acres)            121.44       5.04      43.20

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 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
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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 #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76944.84   517251.30
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76944.84   517251.30
  Q Total (cfs)           86717.92    Flow (cfs)              60405.60    3969.22   22343.09
  Top Width (ft)          14472.84    Top Width (ft)          10600.00     400.00    3472.84
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)           0.04       0.05       0.04
  Max Chl Dpth (ft)         202.66    Hydr. Depth (ft)         137.47     192.36     148.94
  Conv. Total (cfs)       549823600.0    Conv. (cfs)           382993800.0   25166340.0   141663400.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.58    3558.14
  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)    16680.89     971.18    6382.47
  C & E Loss (ft)                     Cum SA (acres)            120.24       4.99      42.80

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 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 #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76949.83   517691.80
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76949.83   517691.80
  Q Total (cfs)           86717.48    Flow (cfs)              60386.78    3968.36   22362.33
  Top Width (ft)          14474.07    Top Width (ft)          10600.00     400.00    3474.07
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)           0.04       0.05       0.04
  Max Chl Dpth (ft)         202.68    Hydr. Depth (ft)         137.47     192.37     149.02
  Conv. Total (cfs)       549992100.0    Conv. (cfs)           382993800.0   25168730.0   141829600.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.59    3559.46
  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)    16515.30     962.44    6323.67
  C & E Loss (ft)                     Cum SA (acres)            119.03       4.95      42.41

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 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.
         10600   11000             4.95    4.95    4.95            .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76957.34   518135.60
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76957.34   518135.60
  Q Total (cfs)           86717.05    Flow (cfs)              60367.71    3967.68   22381.66
  Top Width (ft)          14475.31    Top Width (ft)          10600.00     400.00    3475.31
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)           0.04       0.05       0.04
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                                                                    TXU_Rev1.rep
  Max Chl Dpth (ft)          202.71    Hydr. Depth (ft)          137.47     192.39     149.09
  Conv. Total (cfs)        550163100.0    Conv. (cfs)           382993800.0   25172320.0   141997000.0
  Length Wtd. (ft)             4.95    Wetted Per. (ft)        10662.96     405.60    3560.78
  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)    16349.71     953.69    6264.81
  C & E Loss (ft)                      Cum SA (acres)            117.83       4.90      42.01

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 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.
         10600   11000             4.95    4.95    4.95            .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)             775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)                0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)             775.20    Reach Len. (ft)             4.95       4.95       4.95
  Crit W.S. (ft)                       Flow Area (sq ft)       1457216.00   76962.34   518567.20
  E.G. Slope (ft/ft)       0.000000    Area (sq ft)            1457216.00   76962.34   518567.20
  Q Total (cfs)            86716.61    Flow (cfs)              60349.36    3966.85   22400.40
  Top Width (ft)           14476.54    Top Width (ft)          10600.00     400.00    3476.54
  Vel Total (ft/s)             0.04    Avg. Vel. (ft/s)           0.04       0.05       0.04
  Max Chl Dpth (ft)          202.73    Hydr. Depth (ft)          137.47     192.41     149.16
  Conv. Total (cfs)        550327600.0    Conv. (cfs)           382993800.0   25174720.0   142159200.0
  Length Wtd. (ft)             4.95    Wetted Per. (ft)        10662.96     405.61    3562.10
  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)    16184.12     944.95    6205.91
  C & E Loss (ft)                      Cum SA (acres)            116.62       4.86      41.62

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 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    4.95            .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)             775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)                0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)             775.20    Reach Len. (ft)             4.95       4.95       4.95
  Crit W.S. (ft)                       Flow Area (sq ft)       1457216.00   76969.84   519011.40
  E.G. Slope (ft/ft)       0.000000    Area (sq ft)            1457216.00   76969.84   519011.40
  Q Total (cfs)            86716.18    Flow (cfs)              60330.29    3966.16   22419.73
  Top Width (ft)           14477.78    Top Width (ft)          10600.00     400.00    3477.78
  Vel Total (ft/s)             0.04    Avg. Vel. (ft/s)           0.04       0.05       0.04
  Max Chl Dpth (ft)          202.76    Hydr. Depth (ft)          137.47     192.42     149.24
  Conv. Total (cfs)        550498800.0    Conv. (cfs)           382993800.0   25178310.0   142326800.0
  Length Wtd. (ft)             4.95    Wetted Per. (ft)        10662.96     405.62    3563.43
  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)    16018.52     936.20    6146.96
  C & E Loss (ft)                      Cum SA (acres)            115.42       4.81      41.22

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

CROSS SECTION
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                                                                    TXU_Rev1.rep
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    4.95             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)              4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76974.84   519450.50
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76974.84   519450.50
  Q Total (cfs)           86715.74    Flow (cfs)              60311.59    3965.31   22438.85
  Top Width (ft)          14479.01    Top Width (ft)          10600.00     400.00    3479.01
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         202.78    Hydr. Depth (ft)          137.47     192.44     149.31
  Conv. Total (cfs)       550666800.0    Conv. (cfs)            382993800.0   25180700.0   142492300.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.63    3564.75
  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)    15852.93     927.46    6087.96
  C & E Loss (ft)                     Cum SA (acres)            114.21       4.77      40.83

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 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
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 #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)              4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76979.83   519886.80
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76979.83   519886.80
  Q Total (cfs)           86715.30    Flow (cfs)              60293.06    3964.47   22457.77
  Top Width (ft)          14480.25    Top Width (ft)          10600.00     400.00    3480.25
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         202.80    Hydr. Depth (ft)          137.47     192.45     149.38
  Conv. Total (cfs)       550833200.0    Conv. (cfs)            382993800.0   25183090.0   142656300.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.63    3566.08
  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)    15687.34     918.71    6028.90
  C & E Loss (ft)                     Cum SA (acres)            113.01       4.72      40.43

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 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
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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 #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76987.34   520331.40
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76987.34   520331.40
  Q Total (cfs)           86714.86    Flow (cfs)              60273.98    3963.78   22477.10
  Top Width (ft)          14481.48    Top Width (ft)          10600.00     400.00    3481.48
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         202.83    Hydr. Depth (ft)          137.47     192.47     149.46
  Conv. Total (cfs)       551004700.0    Conv. (cfs)           382993800.0   25186680.0   142824300.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.65    3567.41
  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)    15521.75     909.96    5969.80
  C & E Loss (ft)                     Cum SA (acres)            111.81       4.68      40.04


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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 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 #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76992.34   520767.90
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   76992.34   520767.90
  Q Total (cfs)           86714.43    Flow (cfs)              60255.48    3962.94   22496.01
  Top Width (ft)          14482.72    Top Width (ft)          10600.00     400.00    3482.72
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         202.85    Hydr. Depth (ft)          137.47     192.48     149.53
  Conv. Total (cfs)       551171200.0    Conv. (cfs)           382993800.0   25189080.0   142988400.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.65    3568.74
  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)    15356.15     901.21    5910.65
  C & E Loss (ft)                     Cum SA (acres)            110.60       4.63      39.64


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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 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 #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   76999.84   521202.70
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  E.G. Slope (ft/ft)        0.000000    Area (sq ft)            1457216.00   76999.84   521202.70
  Q Total (cfs)             86713.99    Flow (cfs)              60236.91    3962.28    22514.80
  Top Width (ft)            14483.95    Top Width (ft)          10600.00     400.00     3483.95
  Vel Total (ft/s)              0.04    Avg. Vel. (ft/s)            0.04       0.05        0.04
  Max Chl Dpth (ft)           202.88    Hydr. Depth (ft)          137.47     192.50      149.60
  Conv. Total (cfs)        551338400.0    Conv. (cfs)             382993800.0   25192660.0   143151900.0
  Length Wtd. (ft)              4.95    Wetted Per. (ft)        10662.96     405.67     3570.07
  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)    15190.56     892.46     5851.44
  C & E Loss (ft)                       Cum SA (acres)            109.40       4.59       39.25

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                   RS: 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 #Max WS

  E.G. Elev (ft)            775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)             4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   77004.84   521647.00
  E.G. Slope (ft/ft)        0.000000  Area (sq ft)            1457216.00   77004.84   521647.00
  Q Total (cfs)             86713.55  Flow (cfs)              60218.04    3961.41    22534.10
  Top Width (ft)            14485.19  Top Width (ft)          10600.00     400.00     3485.19
  Vel Total (ft/s)              0.04  Avg. Vel. (ft/s)            0.04       0.05        0.04
  Max Chl Dpth (ft)           202.90  Hydr. Depth (ft)          137.47     192.51      149.68
  Conv. Total (cfs)        551508300.0    Conv. (cfs)             382993800.0   25195050.0   143319500.0
  Length Wtd. (ft)              4.95  Wetted Per. (ft)        10662.96     405.67     3571.41
  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)    15024.97     883.71     5792.19
  C & E Loss (ft)                     Cum SA (acres)            108.19       4.54       38.85

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                   RS: 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 #Max WS

  E.G. Elev (ft)            775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)             4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   77012.33   522092.80
  E.G. Slope (ft/ft)        0.000000  Area (sq ft)            1457216.00   77012.33   522092.80
  Q Total (cfs)             86713.12  Flow (cfs)              60198.96    3960.72    22553.45
  Top Width (ft)            14486.42  Top Width (ft)          10600.00     400.00     3486.42
  Vel Total (ft/s)              0.04  Avg. Vel. (ft/s)            0.04       0.05        0.04
  Max Chl Dpth (ft)           202.93  Hydr. Depth (ft)          137.47     192.53      149.75
  Conv. Total (cfs)        551680400.0    Conv. (cfs)             382993800.0   25198640.0   143488000.0
  Length Wtd. (ft)              4.95  Wetted Per. (ft)        10662.96     405.69     3572.74
  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)    14859.38     874.96     5732.89
  C & E Loss (ft)                     Cum SA (acres)            106.99       4.49       38.45

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: 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 #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   77017.34   522528.80
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   77017.34   522528.80
  Q Total (cfs)           86712.69    Flow (cfs)              60180.50    3959.88   22572.30
  Top Width (ft)          14487.65    Top Width (ft)          10600.00     400.00    3487.65
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)           0.04       0.05       0.04
  Max Chl Dpth (ft)         202.95    Hydr. Depth (ft)         137.47     192.54     149.82
  Conv. Total (cfs)       551846800.0    Conv. (cfs)            382993800.0   25201030.0   143652000.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.69    3574.08
  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)    14693.78     866.21    5673.53
  C & E Loss (ft)                     Cum SA (acres)            105.78       4.45      38.06


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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 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
    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 #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   77024.84   522971.70
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   77024.84   522971.70
  Q Total (cfs)           86712.25    Flow (cfs)              60161.60    3959.20   22591.45
  Top Width (ft)          14488.89    Top Width (ft)          10600.00     400.00    3488.89
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)           0.04       0.05       0.04
  Max Chl Dpth (ft)         202.98    Hydr. Depth (ft)         137.47     192.56     149.90
  Conv. Total (cfs)       552017400.0    Conv. (cfs)            382993800.0   25204620.0   143819000.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.71    3575.42
  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)    14528.19     857.46    5614.13
  C & E Loss (ft)                     Cum SA (acres)            104.58       4.40      37.66


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
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    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 #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   77029.83   523413.50
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   77029.83   523413.50
  Q Total (cfs)           86711.81    Flow (cfs)              60142.88    3958.35   22610.59
  Top Width (ft)          14490.12    Top Width (ft)          10600.00     400.00    3490.12
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)           0.04       0.05       0.04
  Max Chl Dpth (ft)         203.00    Hydr. Depth (ft)         137.47     192.57     149.97
  Conv. Total (cfs)       552186400.0    Conv. (cfs)           382993800.0   25207010.0   143985700.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.72    3576.75
  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)    14362.60     848.70    5554.68
  C & E Loss (ft)                     Cum SA (acres)            103.37       4.36      37.27

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                   RS: 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

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   77037.34   523849.30
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   77037.34   523849.30
  Q Total (cfs)           86711.38    Flow (cfs)              60124.38    3957.69   22629.32
  Top Width (ft)          14491.36    Top Width (ft)          10600.00     400.00    3491.36
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)           0.04       0.05       0.04
  Max Chl Dpth (ft)         203.03    Hydr. Depth (ft)         137.47     192.59     150.04
  Conv. Total (cfs)       552353700.0    Conv. (cfs)           382993800.0   25210600.0   144149300.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.73    3578.10
  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)    14197.00     839.95    5495.17
  C & E Loss (ft)                     Cum SA (acres)            102.17       4.31      36.87

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                   RS: 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    4.95             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS
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                                                                    TXU_Rev1.rep
  E.G. Elev (ft)            775.20    Element                     Left OB     Channel    Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                   0.150       0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)               4.95        4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)        1457216.00   77042.33   524294.40
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)             1457216.00   77042.33   524294.40
  Q Total (cfs)           86710.95    Flow (cfs)               60105.52    3956.83    22648.61
  Top Width (ft)          14492.59    Top Width (ft)           10600.00     400.00     3492.59
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)             0.04       0.05       0.04
  Max Chl Dpth (ft)         203.05    Hydr. Depth (ft)           137.47     192.61     150.12
  Conv. Total (cfs)       552524200.0    Conv. (cfs)             382993800.0   25212990.0   144317500.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)         10662.96     405.74     3579.44
  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)     14031.41     831.20     5435.62
  C & E Loss (ft)                     Cum SA (acres)             100.96       4.27      36.47

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                   RS: 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    4.95            .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                     Left OB     Channel    Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                   0.150       0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)               4.95        4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)        1457216.00   77049.84   524741.10
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)             1457216.00   77049.84   524741.10
  Q Total (cfs)           86710.51    Flow (cfs)               60086.48    3956.14    22667.89
  Top Width (ft)          14493.83    Top Width (ft)           10600.00     400.00     3493.83
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)             0.04       0.05       0.04
  Max Chl Dpth (ft)         203.08    Hydr. Depth (ft)           137.47     192.62     150.19
  Conv. Total (cfs)       552696400.0    Conv. (cfs)             382993800.0   25216570.0   144486100.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)         10662.96     405.75     3580.79
  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)     13865.82     822.44     5376.01
  C & E Loss (ft)                     Cum SA (acres)              99.76       4.22      36.08

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    4.95            .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                     Left OB     Channel    Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                   0.150       0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)               4.95        4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)        1457216.00   77054.84   525176.10
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)             1457216.00   77054.84   525176.10
  Q Total (cfs)           86710.07    Flow (cfs)               60068.14    3955.30    22686.63
  Top Width (ft)          14495.06    Top Width (ft)           10600.00     400.00     3495.06
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)             0.04       0.05       0.04
  Max Chl Dpth (ft)         203.10    Hydr. Depth (ft)           137.47     192.64     150.26
  Conv. Total (cfs)       552862400.0    Conv. (cfs)             382993800.0   25218970.0   144649700.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)         10662.96     405.76     3582.14
  Min Ch El (ft)            572.10    Shear (lb/sq ft)             0.00       0.00       0.00
  Alpha                       1.01    Stream Power (lb/ft s)       0.00       0.00       0.00
  Frctn Loss (ft)             0.00    Cum Volume (acre-ft)     13700.23     813.68     5316.36
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                                                                    TXU_Rev1.rep
  C & E Loss (ft)                    Cum SA (acres)                 98.56       4.18       35.68

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    4.95            .1        .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)              4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   77062.34   525621.20
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   77062.34   525621.20
  Q Total (cfs)           86709.63    Flow (cfs)              60049.21    3954.62   22705.80
  Top Width (ft)          14496.30    Top Width (ft)          10600.00     400.00    3496.30
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         203.13    Hydr. Depth (ft)          137.47     192.66     150.34
  Conv. Total (cfs)       553033900.0    Conv. (cfs)            382993800.0   25222550.0   144817600.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.77    3583.49
  Min Ch El (ft)            572.07    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)    13534.63     804.93    5256.66
  C & E Loss (ft)                     Cum SA (acres)             97.35       4.13      35.28

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 1554.90*

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  572.05   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    4.95            .1        .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)              4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   77067.34   526067.10
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   77067.34   526067.10
  Q Total (cfs)           86709.20    Flow (cfs)              60030.38    3953.75   22725.07
  Top Width (ft)          14497.53    Top Width (ft)          10600.00     400.00    3497.53
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         203.15    Hydr. Depth (ft)          137.47     192.67     150.41
  Conv. Total (cfs)       553204700.0    Conv. (cfs)            382993800.0   25224940.0   144986000.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.78    3584.84
  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)    13369.04     796.17    5196.90
  C & E Loss (ft)                     Cum SA (acres)             96.15       4.09      34.88

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
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                                                                    TXU_Rev1.rep
     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    4.95            .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            4.95       4.95       4.95
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   77074.83   526502.20
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   77074.83   526502.20
  Q Total (cfs)           86708.77    Flow (cfs)              60011.97    3953.10   22743.70
  Top Width (ft)          14498.77    Top Width (ft)          10600.00     400.00    3498.77
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)           0.04       0.05       0.04
  Max Chl Dpth (ft)         203.18    Hydr. Depth (ft)         137.47     192.69     150.48
  Conv. Total (cfs)       553371600.0    Conv. (cfs)            382993800.0   25228520.0   145149300.0
  Length Wtd. (ft)            4.95    Wetted Per. (ft)        10662.96     405.79    3586.20
  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)    13203.45     787.41    5137.10
  C & E Loss (ft)                     Cum SA (acres)             94.94       4.04      34.49

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

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         10600   11000             9.74    9.74    9.74            .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            9.74       9.74       9.74
  Crit W.S. (ft)                      Flow Area (sq ft)       1457216.00   77079.84   526948.60
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1457216.00   77079.84   526948.60
  Q Total (cfs)           86708.33    Flow (cfs)              59993.12    3952.23   22762.98
  Top Width (ft)          14500.00    Top Width (ft)          10600.00     400.00    3500.00
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)           0.04       0.05       0.04
  Max Chl Dpth (ft)         203.20    Hydr. Depth (ft)         137.47     192.70     150.56
  Conv. Total (cfs)       553542700.0    Conv. (cfs)            382993800.0   25230910.0   145318000.0
  Length Wtd. (ft)            9.74    Wetted Per. (ft)        10662.96     405.80    3587.55
  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)    13037.85     778.65    5077.24
  C & E Loss (ft)                     Cum SA (acres)             93.74       3.99      34.09

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 1535.26*

INPUT
Description:
Station Elevation Data    num=      56
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720  589.22  680.72  600.33     680  982.03  676.18 1000.55     676
 1276.63  677.84 1300.72  677.99 1964.05  667.56 2001.11  667.02 2160.46  669.41
 2201.22     670 2749.67     670 2801.55  669.97  3731.7  651.37 3802.11     650
 4419.12     650  4502.5  649.75 4517.32  648.27 4602.55     640 4713.73     640
 4802.66  639.87 5106.54  624.67 5202.89  619.98 5793.95  614.91 5903.27     614
  7659.8     614 7758.01  614.03 7804.33  614.03 7904.38     615 8249.02     615
 8249.02  614.85 8404.66  614.85 8404.66     610 9034.64     610 9205.11  609.94
 9623.86  605.06 9805.44  602.92 9820.26  602.710005.55     60010605.88     600
10708.82  571.9710808.82  571.9711008.82     60011427.94  601.9912852.94  608.38
13020.59  609.1213221.76  610.9413272.06  620.8813422.94  650.1613691.18  660.15
13825.29  664.8813858.82  664.3114110.29  660.2714127.06  660.0414328.24  660.54
14529.41     695

Manning's n Values        num=       3
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                                                                    TXU_Rev1.rep
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .1510605.88     .1511008.82     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
      10605.8811008.82             9.74    9.74    9.74            .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)              9.74       9.74       9.74
  Crit W.S. (ft)                      Flow Area (sq ft)       1458237.00   77643.71   529564.50
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1458237.00   77643.71   529564.50
  Q Total (cfs)           86707.48    Flow (cfs)              59916.06    3973.64   22817.78
  Top Width (ft)          14529.41    Top Width (ft)          10605.88     402.94    3520.59
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         203.23    Hydr. Depth (ft)          137.49     192.69     150.42
  Conv. Total (cfs)       554693700.0    Conv. (cfs)            383301000.0   25420550.0   145972200.0
  Length Wtd. (ft)            9.74    Wetted Per. (ft)        10668.81     408.64    3607.85
  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)    12711.91     761.36    4959.12
  C & E Loss (ft)                     Cum SA (acres)             91.37       3.90      33.30

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 1525.52*

INPUT
Description:
Station Elevation Data    num=      56
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720  589.54   680.7  600.67  679.99  982.57  676.17 1001.11  676.01
 1277.34  677.85 1301.44  677.98 1965.14  667.55 2002.22  667.03 2161.66  669.42
 2202.44     670  2751.2     670 2803.11  669.94 3733.77  651.32 3804.22     650
 4421.57     650 4504.99   649.5 4519.83  648.02 4605.11     640 4716.34     640
 4805.33  639.73 5109.37  624.53 5205.77  619.95 5797.17  614.88 5906.55     614
 7664.05     614 7762.31  614.06 7808.66  614.06 7908.77     615 8253.59     615
 8253.59  614.71 8409.32  614.71 8409.32     610 9039.65     610 9210.21  609.88
 9629.19  604.99 9810.88  602.84 9825.71  602.61 10011.1     60010611.76     600
10717.65  571.9410817.65  571.9411017.65     60011439.22  602.0812872.55  608.43
13041.18  609.1413243.53  611.8813294.12  621.7613445.88  650.3213715.69  660.29
13850.59  664.7613884.31  664.1814137.25  660.2614154.12  660.0814356.47  661.07
14558.82     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .1510611.76     .1511017.65     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
      10611.7611017.65             9.74    9.74    9.74            .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)              9.74       9.74       9.74
  Crit W.S. (ft)                      Flow Area (sq ft)       1459271.00   78209.52   532181.30
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1459271.00   78209.52   532181.30
  Q Total (cfs)           86706.62    Flow (cfs)              59839.51    3994.98   22872.13
  Top Width (ft)          14558.82    Top Width (ft)          10611.76     405.89    3541.17
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         203.26    Hydr. Depth (ft)          137.51     192.69     150.28
  Conv. Total (cfs)       555851300.0    Conv. (cfs)            383614000.0   25610640.0   146626700.0
  Length Wtd. (ft)            9.74    Wetted Per. (ft)        10674.66     411.50    3628.15
  Min Ch El (ft)            571.94    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)    12385.73     743.93    4840.42
  C & E Loss (ft)                     Cum SA (acres)             88.99       3.81      32.51

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 1515.79*

INPUT
Description:
Station Elevation Data    num=      56
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720  589.87  680.68     601  679.99  983.12  676.17 1001.66  676.01
 1278.05  677.85 1302.16  677.97 1966.23  667.53 2003.33  667.05 2162.85  669.44
 2203.66     670 2752.72     670 2804.66  669.91 3735.84  651.28 3806.33     650
 4424.02     650 4507.49  649.25 4522.33  647.77 4607.66     640 4718.95     640
 4807.99   639.6  5112.2  624.39 5208.66  619.93 5800.38  614.85 5909.82     614
  7668.3     614 7766.61  614.09 7812.99  614.09 7913.15     615 8258.17     615
 8258.17  614.56 8413.98  614.56 8413.98     610 9044.66     610 9215.32  609.82
 9634.53  604.93 9816.32  602.76 9831.15  602.5310016.65     60010617.65     600
10726.47  571.9110826.47  571.9111026.47     60011450.49  602.1712892.16  608.48
13061.76  609.1713265.29  612.8213316.18  622.6513468.82  650.48 13740.2  660.44
13875.88  664.65 13909.8  664.0514164.22  660.2514181.18  660.1214384.71  661.61
14588.24     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .1510617.65     .1511026.47     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
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                                                                    TXU_Rev1.rep
      10617.6511026.47              9.74     9.74     9.74              .1        .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)              9.74       9.74       9.74
  Crit W.S. (ft)                      Flow Area (sq ft)       1460295.00   78771.35   534787.60
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1460295.00   78771.35   534787.60
  Q Total (cfs)           86705.76    Flow (cfs)              59763.82    4016.07   22925.87
  Top Width (ft)          14588.24    Top Width (ft)          10617.65     408.82    3561.77
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         203.29    Hydr. Depth (ft)          137.53     192.68     150.15
  Conv. Total (cfs)       556997200.0    Conv. (cfs)           383922400.0   25799220.0   147275600.0
  Length Wtd. (ft)            9.74    Wetted Per. (ft)        10680.52     414.35    3648.49
  Min Ch El (ft)            571.91    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)    12059.32     726.38    4721.13
  C & E Loss (ft)                     Cum SA (acres)             86.62       3.72      31.72

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                   RS: 1506.05*

INPUT
Description:
Station Elevation Data     num=      56
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720   590.2  680.65  601.33  679.99  983.66  676.16 1002.22  676.01
 1278.76  677.86 1302.89  677.95 1967.32  667.51 2004.44  667.07 2164.05  669.46
 2204.88     670 2754.25     670 2806.22  669.88 3737.91  651.24 3808.44     650
 4426.47     650 4509.99     649 4524.84  647.52 4610.21     640 4721.57     640
 4810.65  639.47 5115.03  624.25 5211.54   619.9 5803.59  614.83  5913.1     614
 7672.55     614 7770.92  614.12 7817.31  614.12 7917.54     615 8262.75     615
 8262.75  614.41 8418.65  614.41 8418.65     610 9049.67     610 9220.42  609.76
 9639.87  604.87 9821.75  602.67  9836.6  602.45 10022.2     60010623.53     600
10735.29  571.8810835.29  571.8811035.29     60011461.76  602.2612911.76  608.53
13082.35   609.213287.06  613.7613338.24  623.5313491.76  650.6413764.71  660.59
13901.18  664.5313935.29  663.9214191.18  660.2514208.24  660.1614412.94  662.14
14617.65     695

Manning's n Values         num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .1510623.53     .1511035.29     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
      10623.5311035.29              9.74     9.74     9.74              .1        .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)              9.74       9.74       9.74
  Crit W.S. (ft)                      Flow Area (sq ft)       1461325.00   79335.48   537389.50
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1461325.00   79335.48   537389.50
  Q Total (cfs)           86704.90    Flow (cfs)              59688.72    4037.17   22979.00
  Top Width (ft)          14617.65    Top Width (ft)          10623.53     411.76    3582.36
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         203.32    Hydr. Depth (ft)          137.56     192.67     150.01
  Conv. Total (cfs)       558144300.0    Conv. (cfs)           384233400.0   25988410.0   147922400.0
  Length Wtd. (ft)            9.74    Wetted Per. (ft)        10686.37     417.21    3668.83
  Min Ch El (ft)            571.88    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)    11732.69     708.70    4601.26
  C & E Loss (ft)                     Cum SA (acres)             84.25       3.63      30.92

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                   RS: 1496.32*

INPUT
Description:
Station Elevation Data     num=      56
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720  590.52  680.63  601.66  679.98   984.2  676.16 1002.77  676.02
 1279.47  677.86 1303.61  677.94 1968.41   667.5 2005.55  667.08 2165.25  669.48
  2206.1     670 2755.77     670 2807.77  669.84 3739.98   651.2 3810.54     650
 4428.92     650 4512.49  648.75 4527.34  647.27 4612.76     640 4724.18     640
 4813.32  639.33 5117.86  624.11 5214.43  619.88 5806.81   614.8 5916.37     614
  7676.8     614 7775.22  614.15 7821.64  614.15 7921.92     615 8267.32     615
 8267.32  614.26 8423.31  614.26 8423.31     610 9054.68     610 9225.53   609.7
 9645.21  604.81 9827.19  602.59 9842.05  602.3710027.75     60010629.41     600
10744.12  571.8510844.12  571.8511044.12     60011473.04  602.3512931.37  608.58
13102.94  609.2213308.82  614.7113360.29  624.4113514.71  650.7913789.22  660.74
13926.47  664.4113960.78  663.7914218.14  660.2414235.29  660.2114441.18  662.68
14647.06     695

Manning's n Values         num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .1510629.41     .1511044.12     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
      10629.4111044.12              9.74     9.74     9.74              .1        .3

CROSS SECTION OUTPUT  Profile #Max WS
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                                                                    TXU_Rev1.rep
  E.G. Elev (ft)              775.20    Element                     Left OB    Channel   Right OB
  Vel Head (ft)                 0.00    Wt. n-Val.                   0.150      0.150      0.150
  W.S. Elev (ft)              775.20    Reach Len. (ft)               9.74       9.74       9.74
  Crit W.S. (ft)                        Flow Area (sq ft)        1462353.00   79901.56   539985.30
  E.G. Slope (ft/ft)       0.000000     Area (sq ft)             1462353.00   79901.56   539985.30
  Q Total (cfs)            86704.03     Flow (cfs)               59614.11    4058.28   23031.64
  Top Width (ft)           14647.06     Top Width (ft)           10629.41     414.71    3602.94
  Vel Total (ft/s)             0.04     Avg. Vel. (ft/s)             0.04       0.05       0.04
  Max Chl Dpth (ft)          203.35     Hydr. Depth (ft)           137.58     192.67     149.87
  Conv. Total (cfs)        559288200.0    Conv. (cfs)             384543500.0   26178090.0   148566600.0
  Length Wtd. (ft)             9.74     Wetted Per. (ft)         10692.22     420.08    3689.17
  Min Ch El (ft)             571.85     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)     11405.82     690.90    4480.81
  C & E Loss (ft)                       Cum SA (acres)              81.87       3.54      30.12

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 1486.58*

INPUT
Description:
Station Elevation Data     num=      56
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720  590.85  680.61     602  679.98  984.75  676.15 1003.33  676.02
 1280.17  677.87 1304.33  677.93  1969.5  667.48 2006.66   667.1 2166.45   669.5
 2207.33     670  2757.3     670 2809.32  669.81 3742.05  651.16 3812.65     650
 4431.37     650 4514.98   648.5 4529.85  647.02 4615.32     640  4726.8     640
 4815.98   639.2  5120.7  623.97 5217.31  619.85 5810.02  614.77 5919.65     614
 7681.05     614 7779.52  614.18 7825.97  614.18  7926.3     615  8271.9     615
  8271.9  614.12 8427.97  614.12 8427.97     610  9059.7     610 9230.63  609.64
 9650.54  604.74 9832.63  602.51 9847.49  602.29 10033.3     60010635.29     600
10752.94  571.8210852.94  571.8211052.94     60011484.31  602.4412950.98  608.63
13123.53  609.2513330.59  615.6513382.35  625.2913537.65  650.9513813.73  660.88
13951.76  664.2913986.27  663.66 14245.1  660.2314262.35  660.2514469.41  663.21
14676.47     695

Manning's n Values         num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .1510635.29     .1511052.94     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
     10635.2911052.94              9.74    9.74    9.74             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)              775.20    Element                     Left OB    Channel   Right OB
  Vel Head (ft)                 0.00    Wt. n-Val.                   0.150      0.150      0.150
  W.S. Elev (ft)              775.20    Reach Len. (ft)               9.74       9.74       9.74
  Crit W.S. (ft)                        Flow Area (sq ft)        1463381.00   80465.87   542579.40
  E.G. Slope (ft/ft)       0.000000     Area (sq ft)             1463381.00   80465.87   542579.40
  Q Total (cfs)            86703.17     Flow (cfs)               59540.06    4079.20   23083.92
  Top Width (ft)           14676.47     Top Width (ft)           10635.29     417.65    3623.53
  Vel Total (ft/s)             0.04     Avg. Vel. (ft/s)             0.04       0.05       0.04
  Max Chl Dpth (ft)          203.38     Hydr. Depth (ft)           137.60     192.66     149.74
  Conv. Total (cfs)        560430100.0    Conv. (cfs)             384853700.0   26367050.0   149209300.0
  Length Wtd. (ft)             9.74     Wetted Per. (ft)         10698.08     422.95    3709.54
  Min Ch El (ft)             571.82     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)     11078.72     672.97    4359.78
  C & E Loss (ft)                       Cum SA (acres)              79.49       3.45      29.31

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 1476.85*

INPUT
Description:
Station Elevation Data     num=      56
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720  591.18  680.59  602.33  679.98  985.29  676.15 1003.88  676.03
 1280.88  677.87 1305.05  677.92 1970.59  667.46 2007.77  667.12 2167.65  669.51
 2208.55     670 2758.82     670 2810.88  669.78 3744.12  651.12 3814.76     650
 4433.82     650 4517.48  648.25 4532.35  646.76 4617.87     640 4729.41     640
 4818.65  639.07 5123.53  623.82  5220.2  619.83 5813.24  614.74 5922.92     614
 7685.29     614 7783.82  614.21  7830.3  614.21 7930.69     615 8276.47     615
 8276.47  613.97 8432.63  613.97 8432.63     610 9064.71     610 9235.74  609.58
 9655.88  604.68 9838.07  602.43 9852.94  602.2110038.85     60010641.18     600
10761.76  571.7910861.76  571.7911061.76     60011495.59  602.5312970.59  608.68
13144.12  609.2813352.35  616.5913404.41  626.1813560.59  651.1113838.24  661.03
13977.06  664.1814011.76  663.5314272.06  660.2214289.41  660.2914497.65  663.75
14705.88     695

Manning's n Values         num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .1510641.18     .1511061.76     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
     10641.1811061.76              9.74    9.74    9.74             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)              775.20    Element                     Left OB    Channel   Right OB
  Vel Head (ft)                 0.00    Wt. n-Val.                   0.150      0.150      0.150
  W.S. Elev (ft)              775.20    Reach Len. (ft)               9.74       9.74       9.74
  Crit W.S. (ft)                        Flow Area (sq ft)        1464408.00   81028.24   545162.30
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                                                                TXU_Rev1.rep
  E.G. Slope (ft/ft)       0.000000    Area (sq ft)            1464408.00   81028.24   545162.30
  Q Total (cfs)            86702.30    Flow (cfs)              59466.89    4099.97   23135.43
  Top Width (ft)           14705.88    Top Width (ft)          10641.18     420.58    3644.12
  Vel Total (ft/s)             0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)          203.41    Hydr. Depth (ft)          137.62     192.66     149.60
  Conv. Total (cfs)       561564900.0    Conv. (cfs)            385163000.0   26555230.0   149846600.0
  Length Wtd. (ft)             9.74    Wetted Per. (ft)        10703.95     425.82    3729.92
  Min Ch El (ft)             571.79    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)    10751.40     654.92    4238.17
  C & E Loss (ft)                      Cum SA (acres)             77.11       3.35      28.50

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                RS: 1467.11*

INPUT
Description:
Station Elevation Data     num=      56
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720   591.5  680.57  602.66  679.97  985.84  676.14 1004.44  676.03
 1281.59  677.88 1305.77  677.91 1971.68  667.45 2008.88  667.13 2168.85  669.53
 2209.77     670 2760.35     670 2812.43  669.75 3746.19  651.08 3816.87     650
 4436.27     650 4519.98     648 4534.86  646.51 4620.42     640 4732.03     640
 4821.31  638.93 5126.36  623.68 5223.09   619.8 5816.45  614.72 5926.19     614
 7689.54     614 7788.13  614.24 7834.63  614.24 7935.07     615 8281.05     615
 8281.05  613.82 8437.29  613.82 8437.29     610 9069.72     610 9240.84  609.52
 9661.22  604.62 9843.51  602.35 9858.39  602.12 10044.4     60010647.06     600
10770.59  571.7610870.59  571.7611070.59     60011506.86  602.62 12990.2  608.73
13164.71   609.313374.12  617.5313426.47  627.0613583.53  651.2713862.75  661.18
14002.35  664.0614037.25   663.414299.02  660.2114316.47  660.3314525.88  664.28
14735.29     695

Manning's n Values         num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .1510647.06     .1511070.59     .15

Bank Sta: Left   Right     Lengths: Left Channel   Right     Coeff Contr.   Expan.
      10647.0611070.59              9.74    9.74    9.74             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)             775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)                0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)             775.20    Reach Len. (ft)             9.74       9.74       9.74
  Crit W.S. (ft)                       Flow Area (sq ft)       1465434.00   81594.57   547743.50
  E.G. Slope (ft/ft)       0.000000    Area (sq ft)            1465434.00   81594.57   547743.50
  Q Total (cfs)            86701.45    Flow (cfs)              59394.00    4120.84   23186.61
  Top Width (ft)           14735.29    Top Width (ft)          10647.06     423.53    3664.70
  Vel Total (ft/s)             0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)          203.44    Hydr. Depth (ft)          137.64     192.65     149.46
  Conv. Total (cfs)       562700200.0    Conv. (cfs)            385472400.0   26744610.0   150483200.0
  Length Wtd. (ft)             9.74    Wetted Per. (ft)        10709.81     428.70    3750.31
  Min Ch El (ft)             571.76    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)    10423.84     636.74    4115.99
  C & E Loss (ft)                      Cum SA (acres)             74.73       3.26      27.68

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                RS: 1457.38*

INPUT
Description:
Station Elevation Data     num=      56
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720   591.83  680.54     603  679.97  986.38  676.14 1004.99  676.03
  1282.3  677.88 1306.49   677.9 1972.77  667.43 2009.99  667.15 2170.04  669.55
 2210.99     670 2761.87     670 2813.98  669.72 3748.26  651.03 3818.98     650
 4438.73     650 4522.48  647.75 4537.36  646.26 4622.97     640 4734.64     640
 4823.97   638.8 5129.19  623.54 5225.97  619.78 5819.66  614.69 5929.47     614
 7693.79     614 7792.43  614.26 7838.96  614.26 7939.46     615 8285.62     615
 8285.62  613.68 8441.95  613.68 8441.95     610 9074.73     610 9245.95  609.46
 9666.56  604.56 9848.95  602.27 9863.83  602.0410049.94     60010652.94     600
10779.41  571.7410879.41  571.7411079.41     60011518.14  602.72 13009.8  608.77
13185.29  609.3313395.88  618.4713448.53  627.9413606.47  651.4313887.25  661.32
14027.65  663.9414062.75  663.2714325.98   660.214343.53  660.3714554.12  664.82
14764.71     695

Manning's n Values         num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .1510652.94     .1511079.41     .15

Bank Sta: Left   Right     Lengths: Left Channel   Right     Coeff Contr.   Expan.
      10652.9411079.41              9.74    9.74    9.74             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)             775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)                0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)             775.20    Reach Len. (ft)             9.74       9.74       9.74
  Crit W.S. (ft)                       Flow Area (sq ft)       1466466.00   82156.34   550318.40
  E.G. Slope (ft/ft)       0.000000    Area (sq ft)            1466466.00   82156.34   550318.40
  Q Total (cfs)            86700.58    Flow (cfs)              59322.08    4141.33   23237.16
  Top Width (ft)           14764.71    Top Width (ft)          10652.94     426.47    3685.30
  Vel Total (ft/s)             0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
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  Max Chl Dpth (ft)          203.46    Hydr. Depth (ft)          137.66     192.64     149.33
  Conv. Total (cfs)        563832000.0    Conv. (cfs)           385783900.0   26931960.0   151116100.0
  Length Wtd. (ft)             9.74    Wetted Per. (ft)        10715.67     431.58    3770.72
  Min Ch El (ft)             571.74    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)    10096.06     618.43    3993.22
  C & E Loss (ft)                      Cum SA (acres)             72.35       3.16      26.86

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 1447.64*

INPUT
Description:
Station Elevation Data     num=      56
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720  592.16  680.52  603.33  679.97  986.93  676.13 1005.55  676.04
 1283.01  677.89 1307.21  677.89 1973.86  667.41  2011.1  667.17 2171.24  669.57
 2212.21     670  2763.4     670 2815.54  669.69 3750.33  650.99 3821.09     650
 4441.18     650 4524.97   647.5 4539.87  646.01 4625.53     640 4737.25     640
 4826.64  638.67 5132.03  623.4 5228.86  619.75 5822.88  614.66 5932.74     614
 7698.04     614 7796.73  614.29 7843.29  614.29 7943.84     615  8290.2     615
  8290.2  613.53 8446.62  613.53 8446.62     610 9079.74     610 9251.05   609.4
  9671.9  604.49 9854.38  602.18 9869.28  601.9610055.49     60010658.82     600
10788.24  571.7110888.24  571.7111088.24     60011529.41  602.8113029.41  608.82
13205.88  609.3613417.65  619.4113470.59  628.8213629.41  651.5913911.76  661.47
14052.94  663.8214088.24  663.1414352.94   660.214370.59  660.4114582.35  665.35
14794.12     695

Manning's n Values         num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0    .1510658.82    .1511088.24     .15

Bank Sta: Left   Right     Lengths: Left Channel   Right     Coeff Contr.   Expan.
      10658.8211088.24              9.74    9.74    9.74              .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)             775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)                0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)             775.20    Reach Len. (ft)             9.74       9.74       9.74
  Crit W.S. (ft)                       Flow Area (sq ft)       1467496.00   82722.84   552885.00
  E.G. Slope (ft/ft)       0.000000    Area (sq ft)            1467496.00   82722.84   552885.00
  Q Total (cfs)            86699.71    Flow (cfs)              59250.59    4162.05   23287.06
  Top Width (ft)           14794.12    Top Width (ft)          10658.82     429.42    3705.88
  Vel Total (ft/s)             0.04    Avg. Vel. (ft/s)           0.04       0.05       0.04
  Max Chl Dpth (ft)          203.49    Hydr. Depth (ft)          137.68     192.64     149.19
  Conv. Total (cfs)        564961400.0    Conv. (cfs)           386094700.0   27121180.0   151745500.0
  Length Wtd. (ft)             9.74    Wetted Per. (ft)        10721.54     434.47    3791.13
  Min Ch El (ft)             571.71    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)     9768.04     600.00    3869.89
  C & E Loss (ft)                      Cum SA (acres)             69.97       3.07      26.03

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 1437.91*

INPUT
Description:
Station Elevation Data     num=      56
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720  592.48   680.5  603.66  679.96  987.47  676.13  1006.1  676.04
 1283.71  677.89 1307.94  677.88 1974.95  667.39 2012.21  667.18 2172.44  669.59
 2213.43     670 2764.92     670 2817.09  669.66  3752.4  650.95  3823.2     650
 4443.63     650 4527.47  647.25 4542.38  645.76 4628.08     640 4739.87     640
  4829.3  638.53 5134.86  623.26 5231.74  619.73 5826.09  614.63 5936.02     614
 7702.29     614 7801.03  614.32 7847.61  614.32 7948.22     615 8294.77     615
 8294.77  613.38 8451.28  613.38 8451.28     610 9084.75     610 9256.16  609.34
 9677.23  604.43 9859.82   602.1 9874.73  601.8810061.04     60010664.71     600
10797.06  571.6810897.06  571.6811097.06     60011540.69   602.913049.02  608.87
13226.47  609.3913439.41  620.3513492.65  629.7113652.35  651.7513936.27  661.62
14078.24  663.7114113.73  663.01 14379.9  660.1914397.65  660.4514610.59  665.89
14823.53     695

Manning's n Values         num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0    .1510664.71    .1511097.06     .15

Bank Sta: Left   Right     Lengths: Left Channel   Right     Coeff Contr.   Expan.
      10664.7111097.06              9.74    9.74    9.74              .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)             775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)                0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)             775.20    Reach Len. (ft)             9.74       9.74       9.74
  Crit W.S. (ft)                       Flow Area (sq ft)       1468527.00   83285.55   555445.30
  E.G. Slope (ft/ft)       0.000000    Area (sq ft)            1468527.00   83285.55   555445.30
  Q Total (cfs)            86698.84    Flow (cfs)              59179.90    4182.51   23336.43
  Top Width (ft)           14823.53    Top Width (ft)          10664.71     432.35    3726.47
  Vel Total (ft/s)             0.04    Avg. Vel. (ft/s)           0.04       0.05       0.04
  Max Chl Dpth (ft)          203.52    Hydr. Depth (ft)          137.70     192.63     149.05
  Conv. Total (cfs)        566086300.0    Conv. (cfs)           386405800.0   27309050.0   152371500.0
  Length Wtd. (ft)             9.74    Wetted Per. (ft)        10727.41     437.34    3811.57
  Min Ch El (ft)             571.68    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)     9439.79     581.44    3745.97
  C & E Loss (ft)                        Cum SA (acres)             67.59       2.97      25.20

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 1428.17*

INPUT
Description:
Station Elevation Data     num=      56
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720  592.81  680.48     604  679.96  988.02  676.12 1006.66  676.04
 1284.42   677.9 1308.66  677.86 1976.03  667.38 2013.32   667.2 2173.64   669.6
 2214.65     670 2766.45     670 2818.65  669.63 3754.47  650.91 3825.31     650
 4446.08     650 4529.97     647 4544.88  645.51 4630.63     640 4742.48     640
 4831.96   638.4 5137.69  623.12 5234.63   619.7  5829.3  614.61 5939.29     614
 7706.54     614 7805.34  614.35 7851.94  614.35 7952.61     615 8299.35     615
 8299.35  613.24 8455.94  613.24 8455.94     610 9089.76     610 9261.27  609.29
 9682.57  604.37 9865.26  602.02 9880.17  601.810066.59     60010670.59     600
10805.88  571.6510905.88  571.6511105.88    60011551.96  602.9913068.63  608.92
13247.06  609.4113461.18  621.2913514.71  630.5913675.29  651.9113960.78  661.76
14103.53  663.5914139.22  662.8814406.86  660.1814424.71  660.4914638.82  666.42
14852.94     695

Manning's n Values         num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0    .1510670.59    .1511105.88     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
      10670.5911105.88             9.74    9.74    9.74             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)             9.74       9.74       9.74
  Crit W.S. (ft)                      Flow Area (sq ft)       1469548.00   83850.37   558007.90
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1469548.00   83850.37   558007.90
  Q Total (cfs)           86697.98    Flow (cfs)              59109.13    4203.01   23385.84
  Top Width (ft)          14852.94    Top Width (ft)          10670.59     435.29    3747.06
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         203.55    Hydr. Depth (ft)          137.72     192.63     148.92
  Conv. Total (cfs)       567208600.0   Conv. (cfs)            386712700.0   27497540.0   152998400.0
  Length Wtd. (ft)            9.74    Wetted Per. (ft)        10733.28     440.23    3832.01
  Min Ch El (ft)            571.65    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)     9111.32     562.75    3621.49
  C & E Loss (ft)                     Cum SA (acres)             65.20       2.87      24.37

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 1418.44*

INPUT
Description:
Station Elevation Data     num=      56
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720  593.14  680.46  604.33  679.96  988.56  676.11 1007.21  676.05
 1285.13   677.9 1309.38  677.85 1977.12  667.36 2014.43  667.22 2174.84  669.62
 2215.87     670 2767.97     670  2820.2   669.6 3756.54  650.87 3827.41     650
 4448.53     650 4532.46  646.75 4547.39  645.26 4633.19     640  4745.1     640
 4834.63  638.27 5140.52  622.97 5237.51  619.68 5832.52  614.58 5942.56     614
 7710.78     614 7809.64  614.38 7856.27  614.38 7956.99     615 8303.92     615
 8303.92  613.09  8460.6  613.09  8460.6     610 9094.77     610 9266.37  609.23
 9687.91  604.31  9870.7  601.94 9885.62  601.7210072.14     60010676.47     600
10814.71  571.6210914.71  571.6211114.71    60011563.24  603.0813088.24  608.97
13267.65  609.4413482.94  622.2413536.76  631.4713698.24  652.0613985.29  661.91
14128.82  663.4714164.71  662.7514433.82  660.1714451.76  660.5414667.06  666.96
14882.35     695

Manning's n Values         num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0    .1510676.47    .1511114.71     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
      10676.4711114.71             9.74    9.74    9.74             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)             9.74       9.74       9.74
  Crit W.S. (ft)                      Flow Area (sq ft)       1470575.00   84417.13   560556.60
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1470575.00   84417.13   560556.60
  Q Total (cfs)           86697.10    Flow (cfs)              59039.34    4223.53   23434.23
  Top Width (ft)          14882.35    Top Width (ft)          10676.47     438.24    3767.64
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         203.58    Hydr. Depth (ft)          137.74     192.63     148.78
  Conv. Total (cfs)       568327700.0   Conv. (cfs)            387022100.0   27686590.0   153619000.0
  Length Wtd. (ft)            9.74    Wetted Per. (ft)        10739.15     443.13    3852.45
  Min Ch El (ft)            571.62    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)     8782.61     543.94    3496.43
  C & E Loss (ft)                     Cum SA (acres)             62.81       2.78      23.53
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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: 1408.70*

INPUT
Description:
Station Elevation Data num= 56

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	593.46	680.44	604.66	679.95	989.11	676.11	1007.77	676.05
1285.84	677.91	1310.1	677.84	1978.21	667.34	2015.54	667.23	2176.03	669.64
2217.09	670	2769.5	670	2821.75	669.56	3758.61	650.83	3829.52	650
4450.98	650	4534.96	646.5	4549.89	645.01	4635.74	640	4747.71	640
4837.29	638.14	5143.35	622.83	5240.4	619.65	5835.73	614.55	5945.84	614
7715.03	614	7813.94	614.41	7860.6	614.41	7961.38	615	8308.5	615
8308.5	612.94	8465.26	612.94	8465.26	610	9099.78	610	9271.48	609.17
9693.25	604.25	9876.14	601.86	9891.07	601.63	10077.69	600	10682.35	600
10823.53	571.59	10923.53	571.59	11123.53	600	11574.51	603.17	13107.84	609.02
13288.24	609.47	13504.71	623.18	13558.82	632.35	13721.18	652.22	14009.8	662.06
14154.12	663.35	14190.2	662.61	14460.78	660.16	14478.82	660.58	14695.29	667.49
14911.76	695								

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10682.35	.15	11123.53	.15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
10682.35 11123.53 9.74 9.74 9.74 .1 .3

CROSS SECTION OUTPUT Profile #Max WS

			Left OB	Channel	Right OB
E.G. Elev (ft)	775.20	Element			
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	775.20	Reach Len. (ft)	9.74	9.74	9.74
Crit W.S. (ft)		Flow Area (sq ft)	1471611.00	84982.13	563105.40
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1471611.00	84982.13	563105.40
Q Total (cfs)	86696.23	Flow (cfs)	58970.13	4243.85	23482.25
Top Width (ft)	14911.76	Top Width (ft)	10682.35	441.18	3788.23
Vel Total (ft/s)	0.04	Avg. Vel. (ft/s)	0.04	0.05	0.04
Max Chl Dpth (ft)	203.61	Hydr. Depth (ft)	137.76	192.62	148.65
Conv. Total (cfs)	569449300.0	Conv. (cfs)	387335200.0	27874990.0	154239100.0
Length Wtd. (ft)	9.74	Wetted Per. (ft)	10745.03	446.02	3872.92
Min Ch El (ft)	571.59	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)	8453.68	525.00	3370.81
C & E Loss (ft)		Cum SA (acres)	60.43	2.68	22.68

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1398.97*

INPUT
Description:
Station Elevation Data num= 56

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
0	720	593.79	680.41	604.99	679.95	989.65	676.1	1008.32	676.06
1286.55	677.91	1310.82	677.83	1979.3	667.33	2016.65	667.25	2177.23	669.66
2218.31	670	2771.02	670	2823.31	669.53	3760.68	650.79	3831.63	650
4453.43	650	4537.46	646.25	4552.4	644.76	4638.29	640	4750.33	640
4839.96	638	5146.19	622.69	5243.29	619.63	5838.94	614.52	5949.11	614
7719.28	614	7818.25	614.44	7864.93	614.44	7965.76	615	8313.07	615
8313.07	612.79	8469.92	612.79	8469.92	610	9104.79	610	9276.58	609.11
9698.58	604.18	9881.58	601.78	9896.51	601.55	10083.24	600	10688.24	600
10832.35	571.56	10932.35	571.56	11132.35	600	11585.78	603.26	13127.45	609.07
13308.82	609.49	13526.47	624.12	13580.88	633.24	13744.12	652.38	14034.31	662.21
14179.41	663.24	14215.69	662.48	14487.75	660.16	14505.88	660.62	14723.53	668.03
14941.18	695								

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10688.24	.15	11132.35	.15

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
10688.24 11132.35 9.74 9.74 9.74 .1 .3

CROSS SECTION OUTPUT Profile #Max WS

			Left OB	Channel	Right OB
E.G. Elev (ft)	775.20	Element			
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	775.20	Reach Len. (ft)	9.74	9.74	9.74
Crit W.S. (ft)		Flow Area (sq ft)	1472643.00	85545.02	565644.40
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1472643.00	85545.02	565644.40
Q Total (cfs)	86695.36	Flow (cfs)	58901.70	4264.03	23529.63
Top Width (ft)	14941.18	Top Width (ft)	10688.24	444.11	3808.83
Vel Total (ft/s)	0.04	Avg. Vel. (ft/s)	0.04	0.05	0.04
Max Chl Dpth (ft)	203.64	Hydr. Depth (ft)	137.78	192.62	148.51
Conv. Total (cfs)	570563400.0	Conv. (cfs)	387646500.0	28062610.0	154854300.0
Length Wtd. (ft)	9.74	Wetted Per. (ft)	10750.91	448.90	3893.41
Min Ch El (ft)	571.56	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)	8124.51	505.93	3244.62
C & E Loss (ft)		Cum SA (acres)	58.04	2.58	21.83

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

CROSS SECTION

TXU_Rev1.rep

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RIVER: SQUAW CREEK
REACH: SC                    RS: 1389.23*

INPUT
Description:
Station Elevation Data     num=      56
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720  594.12  680.39  605.33  679.95   990.2   676.1 1008.88  676.06
 1287.25  677.92 1311.54  677.82 1980.39  667.31 2017.76  667.27 2178.43  669.68
 2219.53     670 2772.55     670 2824.86   669.5 3762.75  650.75 3833.74     650
 4455.88     650 4539.96     646  4554.9  644.51 4640.84     640 4752.94     640
 4842.62  637.87 5149.02  622.55 5246.17   619.6 5842.16   614.5 5952.39     614
 7723.53     614 7822.55  614.47 7869.26  614.47 7970.14     615 8317.65     615
 8317.65  612.65 8474.58  612.65 8474.58     610  9109.8     610 9281.69  609.05
 9703.92  604.12 9887.01  601.69 9901.96  601.4710088.79     60010694.12     600
10841.18  571.5310941.18  571.5311141.18     60011597.06  603.3613147.06  609.12
13329.41  609.5213548.24  625.0613602.94  634.1213767.06  652.5414058.82  662.35
14204.71  663.1214241.18  662.3514514.71  660.1514532.94  660.6614751.76  668.56
14970.59     695

Manning's n Values         num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0    .1510694.12    .1511141.18     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
      10694.1211141.18             9.74    9.74    9.74             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)              9.74       9.74       9.74
  Crit W.S. (ft)                      Flow Area (sq ft)       1473666.00   86112.03   568170.90
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1473666.00   86112.03   568170.90
  Q Total (cfs)           86694.48    Flow (cfs)              58833.75    4284.38   23576.34
  Top Width (ft)          14970.59    Top Width (ft)          10694.12     447.06    3829.41
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         203.67    Hydr. Depth (ft)          137.80     192.62     148.37
  Conv. Total (cfs)       571669800.0    Conv. (cfs)            387954100.0   28251540.0   155464100.0
  Length Wtd. (ft)            9.74    Wetted Per. (ft)        10756.79     451.81    3913.89
  Min Ch El (ft)            571.53    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)     7795.11     486.74    3117.85
  C & E Loss (ft)                     Cum SA (acres)             55.65       2.48      20.98

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                    RS: 1379.5*

INPUT
Description:
Station Elevation Data     num=      56
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720  594.44  680.37  605.66  679.94  990.74  676.09 1009.43  676.06
 1287.96  677.92 1312.26  677.81 1981.48  667.29 2018.87  667.28 2179.63  669.69
 2220.75     670 2774.07     670 2826.42  669.47 3764.81   650.7 3835.85     650
 4458.33     650 4542.45  645.75 4557.41  644.26  4643.4     640 4755.56     640
 4845.28  637.74 5151.85  622.41 5249.06  619.58 5845.37  614.47 5955.66     614
 7727.78     614 7826.85   614.5 7873.58   614.5 7974.53     615 8322.22     615
 8322.22   612.5 8479.25   612.5 8479.25     610 9114.81     610 9286.79  608.99
 9709.26  604.06 9892.45  601.61 9907.41  601.3910094.34     600   10700     600
   10850   571.5   10950   571.5   11150     60011608.33  603.4513166.67  609.17
   13350  609.55   13570     626   13625     635   13790   652.714083.33   662.5
   14230     66314266.67  662.2214541.67  660.14   14560   660.7   14780   669.1
   15000     695

Manning's n Values         num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10700     .15   11150     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         10700   11150             9.74    9.74    9.74             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)              9.74       9.74       9.74
  Crit W.S. (ft)                      Flow Area (sq ft)       1474702.00   86677.31   570699.30
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1474702.00   86677.31   570699.30
  Q Total (cfs)           86693.60    Flow (cfs)              58766.39    4304.52   23622.69
  Top Width (ft)          15000.00    Top Width (ft)          10700.00     450.00    3850.00
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         203.70    Hydr. Depth (ft)          137.82     192.62     148.23
  Conv. Total (cfs)       572781800.0    Conv. (cfs)            388267600.0   28439840.0   156074400.0
  Length Wtd. (ft)            9.74    Wetted Per. (ft)        10762.67     454.70    3934.38
  Min Ch El (ft)            571.50    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)     7465.48     467.43    2990.53
  C & E Loss (ft)                     Cum SA (acres)             53.25       2.38      20.12

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                    RS: 1369.76*
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INPUT
Description:
Station Elevation Data     num=      56
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720  594.77  680.35  605.99  679.94  991.29  676.09 1009.99  676.07
 1288.67  677.92 1312.99   677.8 1982.57  667.27 2019.98   667.3 2180.83  669.71
 2221.98     670  2775.6     670 2827.97  669.44 3766.88  650.66 3837.96     650
 4460.78     650 4544.95  645.51 4559.91  644.01 4645.95     640 4758.17     640
 4847.95   637.6 5154.68  622.27 5251.94  619.55 5848.58  614.44 5958.93     614
 7732.03     614 7831.15  614.53 7877.91  614.53 7978.91     615  8326.8     615
  8326.8  612.35 8483.91  612.35 8483.91     610 9119.83     610  9291.9  608.93
  9714.6     604 9897.89  601.53 9912.85  601.3110099.89     60010705.88     600
10858.82  571.4710958.82  571.4711158.82     60011619.61  603.5413186.27  609.22
13370.59  609.5713591.76  626.9413647.06  635.8813812.94  652.8614107.84  662.65
14255.29  662.8814292.16  662.0914568.63  660.1314587.06  660.7414808.24  669.64
15029.41     695

Manning's n Values         num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .1510705.88     .1511158.82     .15

Bank Sta: Left   Right     Lengths: Left Channel   Right     Coeff Contr.   Expan.
      10705.8811158.82              9.74    9.74    9.74             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)              9.74       9.74       9.74
  Crit W.S. (ft)                      Flow Area (sq ft)       1475732.00   87242.68   573223.90
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1475732.00   87242.68   573223.90
  Q Total (cfs)           86692.73    Flow (cfs)              58699.32    4324.62   23668.79
  Top Width (ft)          15029.41    Top Width (ft)          10705.88     452.94    3870.59
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         203.73    Hydr. Depth (ft)          137.84     192.61     148.10
  Conv. Total (cfs)       573888700.0    Conv. (cfs)            388577900.0   28628110.0   156682700.0
  Length Wtd. (ft)            9.74    Wetted Per. (ft)        10768.55     457.60    3954.90
  Min Ch El (ft)            571.47    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)     7135.63     447.98    2862.64
  C & E Loss (ft)                     Cum SA (acres)             50.86       2.28      19.26

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 1360.02*

INPUT
Description:
Station Elevation Data     num=      56
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720   595.1  680.33  606.33  679.94  991.83  676.08 1010.54  676.07
 1289.38  677.93 1313.71  677.78 1983.66  667.26 2021.09  667.32 2182.03  669.73
  2223.2     670 2777.12     670 2829.52  669.41 3768.95  650.62 3840.07     650
 4463.24     650 4547.45  645.26 4562.42  643.76  4648.5     640 4760.78     640
 4850.61  637.47 5157.52  622.12 5254.83  619.53  5851.8  614.41 5962.21     614
 7736.27     614 7835.46  614.56 7882.24  614.56  7983.3     615 8331.37     615
 8331.37  612.21 8488.57  612.21 8488.57     610 9124.84     610    9297  608.87
 9719.93  603.93 9903.33  601.45  9918.3  601.2310105.44     60010711.76     600
10867.65  571.4410967.65  571.4411167.65     60011630.88  603.6313205.88  609.26
13391.18   609.613613.53  627.8813669.12  636.7613835.88  653.0214132.35  662.79
14280.59  662.7614317.65  661.9614595.59  660.1214614.12  660.7814836.47  670.17
15058.82     695

Manning's n Values         num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .1510711.76     .1511167.65     .15

Bank Sta: Left   Right     Lengths: Left Channel   Right     Coeff Contr.   Expan.
      10711.7611167.65              9.74    9.74    9.74             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)              9.74       9.74       9.74
  Crit W.S. (ft)                      Flow Area (sq ft)       1476761.00   87809.96   575752.30
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1476761.00   87809.96   575752.30
  Q Total (cfs)           86691.85    Flow (cfs)              58632.28    4344.70   23714.87
  Top Width (ft)          15058.82    Top Width (ft)          10711.76     455.89    3891.17
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         203.76    Hydr. Depth (ft)          137.86     192.61     147.96
  Conv. Total (cfs)       574998000.0    Conv. (cfs)            388888300.0   28816970.0   157292800.0
  Length Wtd. (ft)            9.74    Wetted Per. (ft)        10774.43     460.51    3975.41
  Min Ch El (ft)            571.44    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)     6805.54     428.41    2734.18
  C & E Loss (ft)                     Cum SA (acres)             48.47       2.18      18.39

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 1350.29*

INPUT
Description:
Station Elevation Data     num=      56
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                                                                    TXU_Rev1.rep
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720  595.42   680.3  606.66  679.93  992.37  676.08  1011.1  676.07
 1290.09  677.93 1314.43  677.77 1984.75  667.24  2022.2  667.33 2183.22  669.75
 2224.42     670 2778.65     670 2831.08  669.38 3771.02  650.58 3842.18     650
 4465.69     650 4549.94  645.01 4564.92  643.51 4651.05     640  4763.4     640
 4853.27  637.34 5160.35  621.98 5257.71  619.51 5855.01  614.39 5965.48     614
 7740.52     614 7839.76  614.59 7886.57  614.59 7987.68     615 8335.95     615
 8335.95  612.06 8493.23  612.06 8493.23     610 9129.85     610 9302.11  608.81
 9725.27  603.87 9908.77  601.37 9923.75  601.1410110.99     60010717.65     600
10876.47  571.4110976.47  571.4111176.47     60011642.16  603.7213225.49  609.31
13411.76  609.6313635.29  628.8213691.18  637.6513858.82  653.1814156.86  662.94
14305.88  662.6514343.14  661.8314622.55  660.1114641.18  660.8214864.71  670.71
15088.24     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0    .1510717.65    .1511176.47     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
      10717.6511176.47             9.74    9.74    9.74             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            9.74       9.74       9.74
  Crit W.S. (ft)                      Flow Area (sq ft)       1477793.00   88373.29   578262.60
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1477793.00   88373.29   578262.60
  Q Total (cfs)           86690.98    Flow (cfs)              58566.56    4364.58   23759.84
  Top Width (ft)          15088.24    Top Width (ft)          10717.65     458.82    3911.77
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         203.79    Hydr. Depth (ft)          137.88     192.61     147.83
  Conv. Total (cfs)       576097700.0    Conv. (cfs)           389199200.0   29004470.0   157894000.0
  Length Wtd. (ft)            9.74    Wetted Per. (ft)        10780.33     463.41    3995.95
  Min Ch El (ft)            571.41    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)     6475.22     408.71    2605.17
  C & E Loss (ft)                     Cum SA (acres)             46.07       2.07      17.52

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 1340.55*

INPUT
Description:
Station Elevation Data    num=      56
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720  595.75  680.28  606.99  679.93  992.92  676.07 1011.65  676.08
  1290.8  677.94 1315.15  677.76 1985.84  667.22 2023.31  667.35 2184.42  669.77
 2225.64     670 2780.17     670 2832.63  669.35 3773.09  650.54 3844.28     650
 4468.14     650 4552.44  644.76 4567.43  643.26 4653.61     640 4766.01     640
 4855.94   637.2 5163.18  621.84  5260.6  619.48 5858.22  614.36 5968.76     614
 7744.77     614 7844.06  614.62  7890.9  614.62 7992.06     615 8340.52     615
 8340.52  611.91 8497.89  611.91 8497.89     610 9134.86     610 9307.21  608.75
 9730.61  603.81 9914.21  601.29 9929.19  601.0610116.54     60010723.53     600
10885.29  571.3810985.29  571.3811185.29     60011653.43  603.81 13245.1  609.36
13432.35  609.6513657.06  629.7613713.24  638.5313881.76  653.3414181.37  663.09
14331.18  662.5314368.63   661.714649.51  660.1114668.24  660.8614892.94  671.24
15117.65     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0    .1510723.53    .1511185.29     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
      10723.5311185.29             9.74    9.74    9.74             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            9.74       9.74       9.74
  Crit W.S. (ft)                      Flow Area (sq ft)       1478824.00   88938.90   580771.20
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1478824.00   88938.90   580771.20
  Q Total (cfs)           86690.09    Flow (cfs)              58501.08    4384.49   23804.52
  Top Width (ft)          15117.65    Top Width (ft)          10723.53     461.76    3932.36
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         203.82    Hydr. Depth (ft)          137.90     192.61     147.69
  Conv. Total (cfs)       577197200.0    Conv. (cfs)           389510000.0   29192680.0   158494500.0
  Length Wtd. (ft)            9.74    Wetted Per. (ft)        10786.22     466.31    4016.49
  Min Ch El (ft)            571.38    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)     6144.67     388.89    2475.59
  C & E Loss (ft)                     Cum SA (acres)             43.67       1.97      16.64

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 1330.82*

INPUT
Description:
Station Elevation Data    num=      56
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720  596.08  680.26  607.33  679.93  993.46  676.07 1012.21  676.08
  1291.5  677.94 1315.87  677.75 1986.93  667.21 2024.42  667.37 2185.62  669.78
 2226.86     670  2781.7     670 2834.18  669.32 3775.16   650.5 3846.39     650
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 4470.59      650 4554.94  644.51 4569.93  643.01 4656.16      640 4768.63      640
  4858.6  637.07 5166.01   621.7 5263.48  619.46 5861.44  614.33 5972.03      614
 7749.02      614 7848.37  614.65 7895.23  614.65 7996.45      615  8345.1      615
  8345.1  611.76 8502.55  611.76 8502.55      610 9139.87      610 9312.32  608.69
 9735.95  603.75 9919.64  601.21 9934.64  600.9810122.09     60010729.41      600
10894.12  571.3510994.12  571.3511194.12     60011664.71  603.913264.71  609.41
13452.94  609.6813678.82  630.7113735.29  639.4113904.71  653.4914205.88  663.24
14356.47  662.4114394.12  661.5714676.47   660.114695.29  660.9114921.18  671.78
15147.06      695

Manning's n Values          num=       3
     Sta   n Val      Sta   n Val      Sta   n Val
       0     .1510729.41     .1511194.12     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right      Coeff Contr.   Expan.
      10729.4111194.12             9.74    9.74    9.74              .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)              9.74       9.74       9.74
  Crit W.S. (ft)                      Flow Area (sq ft)       1479848.00   89506.47   583269.30
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1479848.00   89506.47   583269.30
  Q Total (cfs)           86689.21    Flow (cfs)              58436.11    4404.47   23848.64
  Top Width (ft)          15147.06    Top Width (ft)          10729.41     464.71    3952.94
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         203.85    Hydr. Depth (ft)           137.92     192.61     147.55
  Conv. Total (cfs)       578289800.0    Conv. (cfs)            389817900.0   29381500.0   159090400.0
  Length Wtd. (ft)            9.74    Wetted Per. (ft)        10792.10     469.22    4037.03
  Min Ch El (ft)            571.35    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)     5813.89     368.94    2345.45
  C & E Loss (ft)                     Cum SA (acres)             41.28       1.87      15.76

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                   RS: 1321.08*

INPUT
Description:
Station Elevation Data      num=      56
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720  596.41  680.24  607.66  679.92  994.01  676.06 1012.76  676.09
 1292.21  677.95 1316.59  677.74 1988.02  667.19 2025.53  667.38 2186.82   669.8
 2228.08     670 2783.22     670 2835.74  669.29 3777.23  650.46  3848.5     650
 4473.04     650 4557.44  644.26 4572.44  642.76 4658.71     640 4771.24     640
 4861.27  636.94 5168.85  621.56 5266.37  619.43 5864.65   614.3 5975.31     614
 7753.27     614 7852.67  614.68 7899.56  614.68 8000.83     615 8349.67     615
 8349.67  611.62 8507.21  611.62 8507.21     610 9144.88     610 9317.42  608.63
 9741.29  603.68 9925.08  601.12 9940.09  600.910127.64     60010735.29     600
10902.94  571.3211002.94  571.3211202.94     60011675.98     60413284.31  609.46
13473.53  609.7113700.59  631.6513757.35  640.2913927.65  653.6514230.39  663.38
14381.76  662.2914419.61  661.4414703.43  660.0914722.35  660.9514949.41  672.31
15176.47      695

Manning's n Values          num=       3
     Sta   n Val      Sta   n Val      Sta   n Val
       0     .1510735.29     .1511202.94     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right      Coeff Contr.   Expan.
      10735.2911202.94             9.74    9.74    9.74              .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)              9.74       9.74       9.74
  Crit W.S. (ft)                      Flow Area (sq ft)       1480883.00   90072.26   585757.80
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1480883.00   90072.26   585757.80
  Q Total (cfs)           86688.33    Flow (cfs)              58372.15    4424.28   23891.90
  Top Width (ft)          15176.47    Top Width (ft)          10735.29     467.65    3973.53
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         203.88    Hydr. Depth (ft)           137.95     192.61     147.42
  Conv. Total (cfs)       579381600.0    Conv. (cfs)            390130300.0   29569700.0   159681600.0
  Length Wtd. (ft)            9.74    Wetted Per. (ft)        10798.00     472.13    4057.60
  Min Ch El (ft)            571.32    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)     5482.88     348.86    2214.75
  C & E Loss (ft)                     Cum SA (acres)             38.88       1.76      14.87

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                   RS: 1311.35*

INPUT
Description:
Station Elevation Data      num=      56
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720  596.73  680.22  607.99  679.92  994.55  676.05 1013.32  676.09
 1292.92  677.95 1317.31  677.73 1989.11  667.17 2026.64   667.4 2188.02  669.82
  2229.3     670 2784.75     670 2837.29  669.25  3779.3  650.41 3850.61     650
 4475.49     650 4559.93  644.01 4574.95  642.51 4661.27     640 4773.86     640
 4863.93   636.8 5171.68  621.42 5269.26  619.41 5867.86  614.28 5978.58     614
 7757.52     614 7856.97  614.71 7903.88  614.71 8005.22     615 8354.25     615
 8354.25  611.47 8511.88  611.47 8511.88     610 9149.89     610 9322.53  608.57
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                                                                    TXU_Rev1.rep
 9746.62  603.62 9930.52  601.04 9945.53  600.8210133.19     60010741.18     600
10911.76  571.2911011.76  571.2911211.76     60011687.25  604.0913303.92  609.51
13494.12  609.7313722.35  632.5913779.41  641.1813950.59  653.81 14254.9  663.53
14407.06  662.18 14445.1  661.3114730.39  660.0814749.41  660.9914977.65  672.85
15205.88     695

Manning's n Values          num=        3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .1510741.18     .1511211.76     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
      10741.1811211.76             9.74    9.74    9.74             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)              9.74       9.74       9.74
  Crit W.S. (ft)                      Flow Area (sq ft)        1481923.00   90636.12   588246.80
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)             1481923.00   90636.12   588246.80
  Q Total (cfs)           86687.45    Flow (cfs)               58308.59    4443.91   23934.95
  Top Width (ft)          15205.88    Top Width (ft)           10741.18     470.58    3994.12
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         203.91    Hydr. Depth (ft)           137.97     192.61     147.28
  Conv. Total (cfs)       580474400.0    Conv. (cfs)            390444500.0   29757220.0   160272700.0
  Length Wtd. (ft)            9.74    Wetted Per. (ft)         10803.90     475.03    4078.17
  Min Ch El (ft)            571.29    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)     5151.64     328.66    2083.50
  C & E Loss (ft)                     Cum SA (acres)             36.47       1.66      13.98

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                   RS: 1301.61*

INPUT
Description:
Station Elevation Data      num=       56
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720  597.06   680.2  608.32  679.92   995.1  676.05 1013.87  676.09
 1293.63  677.96 1318.04  677.72  1990.2  667.15 2027.75  667.42 2189.22  669.84
 2230.52     670 2786.27     670 2838.85  669.22 3781.37  650.37 3852.72     650
 4477.94     650 4562.43  643.76 4577.45  642.25 4663.82     640 4776.47     640
 4866.59  636.67 5174.51  621.27 5272.14  619.38 5871.08  614.25 5981.85     614
 7761.76     614 7861.27  614.74 7908.21  614.74  8009.6     615 8358.82     615
 8358.82  611.32 8516.54  611.32 8516.54     610  9154.9     610 9327.64  608.51
 9751.96  603.56 9935.96  600.96 9950.98  600.7410138.74     60010747.06     600
10920.59  571.2611020.59  571.2611220.59     60011698.53  604.1813323.53  609.56
13514.71  609.7613744.12  633.5313801.47  642.0613973.53  653.9714279.41  663.68
14432.35  662.0614470.59  661.1814757.35  660.0714776.47  661.0315005.88  673.38
15235.29     695

Manning's n Values          num=        3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .1510747.06     .1511220.59     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
      10747.0611220.59             9.74    9.74    9.74             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)              9.74       9.74       9.74
  Crit W.S. (ft)                      Flow Area (sq ft)        1482954.00   91203.94   590730.60
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)             1482954.00   91203.94   590730.60
  Q Total (cfs)           86686.57    Flow (cfs)               58245.20    4463.69   23977.68
  Top Width (ft)          15235.29    Top Width (ft)           10747.06     473.53    4014.70
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         203.94    Hydr. Depth (ft)           137.99     192.60     147.14
  Conv. Total (cfs)       581563300.0    Conv. (cfs)            390755600.0   29946020.0   160861600.0
  Length Wtd. (ft)            9.74    Wetted Per. (ft)         10809.79     477.95    4098.75
  Min Ch El (ft)            571.26    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)     4820.17     308.33    1951.69
  C & E Loss (ft)                     Cum SA (acres)             34.07       1.55      13.08

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                   RS: 1291.88*

INPUT
Description:
Station Elevation Data      num=       56
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720  597.39  680.17  608.66  679.91  995.64  676.04 1014.43   676.1
 1294.34  677.96 1318.76  677.71 1991.29  667.14 2028.86  667.43 2190.41  669.86
 2231.74     670  2787.8     670  2840.4  669.19 3783.44  650.33 3854.83     650
 4480.39     650 4564.93  643.51 4579.96     642 4666.37     640 4779.08     640
 4869.26  636.54 5177.34  621.13 5275.03  619.36 5874.29  614.22 5985.13     614
 7766.01     614 7865.58  614.76 7912.54  614.76 8013.98     615  8363.4     615
  8363.4  611.18  8521.2  611.18  8521.2     610 9159.91     610 9332.74  608.45
  9757.3   603.5  9941.4  600.88 9956.43  600.6510144.28     60010752.94     600
10929.41  571.2411029.41  571.2411229.41     600 11709.8  604.2713343.14  609.61
13535.29  609.7913765.88  634.4713823.53  642.9413996.47  654.1314303.92  663.82
14457.65  661.9414496.08  661.0514784.31  660.0714803.53  661.0715034.12  673.92
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15264.71     695

Manning's n Values          num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .1510752.94     .1511229.41     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
      10752.9411229.41             9.74    9.74    9.74             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            9.74       9.74       9.74
  Crit W.S. (ft)                      Flow Area (sq ft)       1483986.00   91766.94   593209.70
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1483986.00   91766.94   593209.70
  Q Total (cfs)           86685.68    Flow (cfs)              58182.52    4483.12   24020.05
  Top Width (ft)          15264.71    Top Width (ft)          10752.94     476.47    4035.30
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)           0.04       0.05       0.04
  Max Chl Dpth (ft)         203.96    Hydr. Depth (ft)         138.01     192.60     147.01
  Conv. Total (cfs)       582647000.0   Conv. (cfs)            391066600.0   30132700.0   161447800.0
  Length Wtd. (ft)            9.74    Wetted Per. (ft)        10815.69     480.86    4119.35
  Min Ch El (ft)            571.24    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)     4488.47     287.87    1819.32
  C & E Loss (ft)                     Cum SA (acres)             31.67       1.45      12.18

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                   RS: 1282.14*

INPUT
Description:
Station Elevation Data      num=      56
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720  597.71  680.15  608.99  679.91  996.19  676.04 1014.98   676.1
 1295.04  677.97 1319.48  677.69 1992.37  667.12 2029.97  667.45 2191.61  669.87
 2232.96     670 2789.32     670 2841.95  669.16 3785.51  650.29 3856.94     650
 4482.84     650 4567.43  643.26 4582.46  641.75 4668.92     640  4781.7     640
 4871.92   636.4 5180.17  620.99 5277.91  619.33 5877.51  614.19  5988.4     614
 7770.26     614 7869.88  614.79 7916.87  614.79 8018.37     615 8367.97     615
 8367.97  611.03 8525.86  611.03 8525.86     610 9164.92     610 9337.85  608.39
 9762.64  603.44 9946.84   600.8 9961.87  600.5710149.83   60010758.82     600
10938.24  571.2111038.24  571.2111238.24   60011721.08  604.3613362.75  609.66
13555.88  609.8113787.65  635.4113845.59  643.8214019.41  654.2914328.43  663.97
14482.94  661.8214521.57  660.9214811.27  660.0614830.59  661.1115062.35  674.45
15294.12     695

Manning's n Values          num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .1510758.82     .1511238.24     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
      10758.8211238.24             9.74    9.74    9.74             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            9.74       9.74       9.74
  Crit W.S. (ft)                      Flow Area (sq ft)       1485023.00   92334.91   595684.50
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1485023.00   92334.91   595684.50
  Q Total (cfs)           86684.80    Flow (cfs)              58120.13    4502.76   24061.90
  Top Width (ft)          15294.12    Top Width (ft)          10758.82     479.42    4055.88
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)           0.04       0.05       0.04
  Max Chl Dpth (ft)         203.99    Hydr. Depth (ft)         138.03     192.60     146.87
  Conv. Total (cfs)       583733700.0   Conv. (cfs)            391379800.0   30321490.0   162032400.0
  Length Wtd. (ft)            9.74    Wetted Per. (ft)        10821.59     483.78    4139.94
  Min Ch El (ft)            571.21    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)     4156.53     267.29    1686.40
  C & E Loss (ft)                     Cum SA (acres)             29.26       1.34      11.28

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                   RS: 1272.41*

INPUT
Description:
Station Elevation Data      num=      56
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720  598.04  680.13  609.32  679.91  996.73  676.03 1015.54   676.1
 1295.75  677.97  1320.2  677.68 1993.46   667.1 2031.08  667.47 2192.81  669.89
 2234.18     670 2790.85     670 2843.51  669.13 3787.58  650.25 3859.05     650
 4485.29     650 4569.92  643.01 4584.97   641.5 4671.48     640 4784.31     640
 4874.58  636.27 5183.01  620.85  5280.8  619.31 5880.72  614.17 5991.68     614
 7774.51     614 7874.18  614.82  7921.2  614.82 8022.75     615 8372.55     615
 8372.55  610.88 8530.52  610.88 8530.52     610 9169.93     610 9342.95  608.33
 9767.97  603.37 9952.28  600.72 9967.32  600.4910155.38   60010764.71     600
10947.06  571.1811047.06  571.1811247.06   60011732.35  604.4513382.35  609.71
13576.47  609.8413809.41  636.3513867.65  644.7114042.35  654.4514352.94  664.12
14508.24  661.7114547.06  660.7814838.24  660.0514857.65  661.1515090.59  674.99
15323.53     695

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

```
      0     .1510764.71     .1511247.06     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
      10764.7111247.06             9.74    9.74    9.74            .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)             9.74       9.74       9.74
  Crit W.S. (ft)                      Flow Area (sq ft)       1486054.00   92899.11   598150.30
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1486054.00   92899.11   598150.30
  Q Total (cfs)           86683.91    Flow (cfs)              58058.41    4522.21   24103.29
  Top Width (ft)          15323.53    Top Width (ft)          10764.71     482.35    4076.47
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         204.02    Hydr. Depth (ft)          138.05     192.60     146.73
  Conv. Total (cfs)       584811600.0    Conv. (cfs)             391690100.0   30509010.0   162612400.0
  Length Wtd. (ft)            9.74    Wetted Per. (ft)        10827.50     486.68    4160.55
  Min Ch El (ft)            571.18    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)     3824.37     246.58    1552.93
  C & E Loss (ft)                     Cum SA (acres)             26.86       1.23      10.37

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 1262.67*

INPUT
Description:
Station Elevation Data    num=      56
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720  598.37  680.11  609.66   679.9  997.28  676.03 1016.09  676.11
 1296.46  677.98 1320.92  677.67 1994.55  667.09 2032.19  667.48 2194.01  669.91
 2235.41     670 2792.37     670 2845.06   669.1 3789.65  650.21 3861.15     650
 4487.75     650 4572.42  642.76 4587.47  641.25 4674.03     640 4786.93     640
 4877.25  636.14 5185.84  620.71 5283.69  619.28 5883.93  614.14 5994.95     614
 7778.76     614 7878.49  614.85 7925.53  614.85 8027.14     615 8377.12     615
 8377.12  610.74 8535.18  610.74 8535.18     610 9174.95     610 9348.06  608.27
 9773.31  603.31 9957.71  600.63 9972.77  600.4110160.93   60010770.59     600
10955.88  571.1511055.88  571.1511255.88   60011743.63  604.5413401.96  609.75
13597.06  609.8713831.18  637.2913889.71  645.5914065.29  654.6114377.45  664.26
14533.53  661.5914572.55  660.65 14865.2  660.0414884.71  661.1915118.82  675.52
15352.94     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .1510770.59     .1511255.88     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
      10770.5911255.88             9.74    9.74    9.74            .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)             9.74       9.74       9.74
  Crit W.S. (ft)                      Flow Area (sq ft)       1487082.00   93465.41   600625.10
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1487082.00   93465.41   600625.10
  Q Total (cfs)           86683.02    Flow (cfs)              57996.40    4541.66   24144.97
  Top Width (ft)          15352.94    Top Width (ft)          10770.59     485.29    4097.06
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         204.05    Hydr. Depth (ft)          138.07     192.60     146.60
  Conv. Total (cfs)       585893100.0    Conv. (cfs)             391999400.0   30697210.0   163196600.0
  Length Wtd. (ft)            9.74    Wetted Per. (ft)        10833.40     489.59    4181.17
  Min Ch El (ft)            571.15    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)     3491.97     225.75    1418.91
  C & E Loss (ft)                     Cum SA (acres)             24.45       1.12       9.46

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 1252.94*

INPUT
Description:
Station Elevation Data    num=      56
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720  598.69  680.09  609.99   679.9  997.82  676.02 1016.65  676.11
 1297.17  677.98 1321.64  677.66 1995.64  667.07  2033.3   667.5 2195.21  669.93
 2236.63     670  2793.9     670 2846.61  669.07 3791.72  650.17 3863.26     650
  4490.2     650 4574.92  642.51 4589.98     641 4676.58     640 4789.54     640
 4879.91     636 5188.67  620.57 5286.57  619.26 5887.15  614.11 5998.22     614
 7783.01     614 7882.79  614.88 7929.86  614.88 8031.52     615  8381.7     615
  8381.7  610.59 8539.84  610.59 8539.84     610 9179.96     610 9353.16  608.21
 9778.65  603.25 9963.15  600.55 9978.21  600.3310166.48   60010776.47     600
10964.71  571.1211064.71  571.1211264.71     600 11754.9  604.6313421.57   609.8
13617.65  609.8913852.94  638.2413911.76  646.4714088.24  654.7614401.96  664.41
14558.82  661.4714598.04  660.5214892.16  660.0314911.76  661.2415147.06  676.06
15382.35     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .1510776.47     .1511264.71     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
      10776.4711264.71             9.74    9.74    9.74            .1       .3
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CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            9.74       9.74       9.74
  Crit W.S. (ft)                      Flow Area (sq ft)       1488114.00   94033.67   603080.40
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1488114.00   94033.67   603080.40
  Q Total (cfs)           86682.14    Flow (cfs)              57935.50    4561.18   24185.46
  Top Width (ft)          15382.35    Top Width (ft)          10776.47     488.24    4117.64
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         204.08    Hydr. Depth (ft)          138.09     192.60     146.46
  Conv. Total (cfs)       586968500.0    Conv. (cfs)           392310500.0   30886020.0   163772000.0
  Length Wtd. (ft)            9.74    Wetted Per. (ft)        10839.31     492.52    4201.79
  Min Ch El (ft)            571.12    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)     3159.34     204.78    1284.34
  C & E Loss (ft)                     Cum SA (acres)             22.04       1.02       8.54


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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 1243.20*

INPUT
Description:
Station Elevation Data    num=      56
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720  599.02  680.07  610.32   679.9  998.37  676.02  1017.2  676.11
 1297.88  677.99 1322.36  677.65 1996.73  667.05 2034.41  667.52 2196.41  669.95
 2237.85     670 2795.42     670 2848.17  669.04 3793.79  650.12 3865.37     650
 4492.65     650 4577.41  642.26 4592.48  640.75 4679.13     640 4792.16     640
 4882.57  635.87  5191.5  620.42 5289.46  619.23 5890.36  614.08  6001.5     614
 7787.25     614 7887.09  614.91 7934.18  614.91  8035.9     615 8386.27     615
 8386.27  610.44 8544.51  610.44 8544.51     610 9184.97     610 9358.27  608.15
 9783.99  603.19 9968.59  600.47 9983.66  600.2510172.03     60010782.35     600
10973.53  571.0911073.53  571.0911273.53     60011766.18  604.7313441.18  609.85
13638.24  609.9213874.71  639.1813933.82  647.3514111.18  654.9214426.47  664.56
14584.12  661.3514623.53  660.3914919.12  660.0214938.82  661.2815175.29  676.59
15411.76     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .1510782.35     .1511273.53     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
      10782.3511273.53            9.74    9.74    9.74             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)            9.74       9.74       9.74
  Crit W.S. (ft)                      Flow Area (sq ft)       1489153.00   94600.16   605521.40
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1489153.00   94600.16   605521.40
  Q Total (cfs)           86681.25    Flow (cfs)              57875.68    4580.57   24225.00
  Top Width (ft)          15411.76    Top Width (ft)          10782.35     491.18    4138.23
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         204.11    Hydr. Depth (ft)          138.11     192.60     146.32
  Conv. Total (cfs)       588039000.0    Conv. (cfs)           392624200.0   31074240.0   164340600.0
  Length Wtd. (ft)            9.74    Wetted Per. (ft)        10845.22     495.43    4222.43
  Min Ch El (ft)            571.09    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)     2826.48     183.69    1149.21
  C & E Loss (ft)                     Cum SA (acres)             19.63       0.91       7.62


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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 1233.47*

INPUT
Description:
Station Elevation Data    num=      56
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720  599.35  680.04  610.65  679.89  998.91  676.01 1017.76  676.12
 1298.58  677.99 1323.09  677.64 1997.82  667.03 2035.52  667.53  2197.6  669.96
 2239.07     670 2796.95     670 2849.72  669.01 3795.86  650.08 3867.48     650
  4495.1     650 4579.91  642.01 4594.99   640.5 4681.69     640 4794.77     640
 4885.24  635.74 5194.34  620.28 5292.34  619.21 5893.57  614.06 6004.77     614
  7791.5     614 7891.39  614.94 7938.51  614.94 8040.29     615 8390.85     615
 8390.85  610.29 8549.17  610.29 8549.17     610 9189.98     610 9363.37  608.09
 9789.32  603.12 9974.03  600.39 9989.11  600.1610177.58     60010788.24     600
10982.35  571.0611082.35  571.0611282.35     60011777.45  604.8213460.78   609.9
13658.82  609.9513896.47  640.1213955.88  648.2414134.12  655.0814450.98  664.71
14609.41  661.2414649.02  660.2614946.08  660.0214965.88  661.3215203.53  677.13
15441.18     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .1510788.24     .1511282.35     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
      10788.2411282.35            9.74    9.74    9.74             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                  Left OB    Channel   Right OB
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  Vel Head (ft)                0.00    Wt. n-Val.                   0.150      0.150      0.150
  W.S. Elev (ft)             775.20    Reach Len. (ft)               9.74       9.74       9.74
  Crit W.S. (ft)                       Flow Area (sq ft)        1490191.00   95164.52   607962.30
  E.G. Slope (ft/ft)       0.000000    Area (sq ft)             1490191.00   95164.52   607962.30
  Q Total (cfs)            86680.36    Flow (cfs)               57816.18    4599.80   24264.38
  Top Width (ft)           15441.18    Top Width (ft)           10788.24     494.11    4158.83
  Vel Total (ft/s)             0.04    Avg. Vel. (ft/s)             0.04       0.05       0.04
  Max Chl Dpth (ft)          204.14    Hydr. Depth (ft)           138.13     192.60     146.19
  Conv. Total (cfs)        589108200.0    Conv. (cfs)             392937800.0   31261730.0   164908700.0
  Length Wtd. (ft)             9.74    Wetted Per. (ft)         10851.14     498.34    4243.09
  Min Ch El (ft)             571.06    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)      2493.39     162.48    1013.55
  C & E Loss (ft)                      Cum SA (acres)              17.22       0.80       6.69

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 1223.73*

INPUT
Description:
Station Elevation Data     num=      56
     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev     Sta    Elev
       0     720  599.67  680.02  610.99  679.89  999.46  676.01 1018.31  676.12
 1299.29     678 1323.81  677.63 1998.91  667.02 2036.63  667.55  2198.8  669.98
 2240.29     670 2798.47     670 2851.28  668.97 3797.93  650.04 3869.59     650
 4497.55     650 4582.41  641.76 4597.49  640.25 4684.24     640 4797.39     640
  4887.9   635.6 5197.17  620.14 5295.23  619.18 5896.79  614.03 6008.05     614
 7795.75     614  7895.7  614.97 7942.84  614.97 8044.67     615 8395.42     615
 8395.42  610.15 8553.83  610.15 8553.83     610 9194.99     610 9368.48  608.03
 9794.66  603.06 9979.47  600.31 9994.55  600.0810183.13     60010794.12     600
10991.18  571.0311091.18  571.0311291.18     60011788.73  604.9113480.39  609.95
13679.41  609.9713918.24  641.0613977.94  649.1214157.06  655.2414475.49  664.85
14634.71  661.1214674.51  660.1314973.04  660.0114992.94  661.3615231.76  677.66
15470.59     695

Manning's n Values         num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0    .1510794.12    .1511291.18     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
      10794.1211291.18             9.74    9.74    9.74             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)             775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)                0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)             775.20    Reach Len. (ft)               9.74       9.74       9.74
  Crit W.S. (ft)                       Flow Area (sq ft)        1491225.00   95733.03   610405.80
  E.G. Slope (ft/ft)       0.000000    Area (sq ft)             1491225.00   95733.03   610405.80
  Q Total (cfs)            86679.47    Flow (cfs)               57756.50    4619.15   24303.83
  Top Width (ft)           15470.59    Top Width (ft)           10794.12     497.06    4179.41
  Vel Total (ft/s)             0.04    Avg. Vel. (ft/s)             0.04       0.05       0.04
  Max Chl Dpth (ft)          204.17    Hydr. Depth (ft)           138.15     192.60     146.05
  Conv. Total (cfs)        590178300.0    Conv. (cfs)             393249200.0   31450590.0   165478500.0
  Length Wtd. (ft)             9.74    Wetted Per. (ft)         10857.05     501.26    4263.73
  Min Ch El (ft)             571.03    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)      2160.07     141.14     877.33
  C & E Loss (ft)                      Cum SA (acres)              14.81       0.69       5.76

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 1214

INPUT
Description:
Station Elevation Data     num=      32
     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
   10800     600   11000     571   11100     571   11300     600   11800     605
   13500     610   13700     610   14000     650   14500     665   14700     660
   15000     660   15500     695

Manning's n Values         num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10800     .15   11300     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         10800   11300             2.94    2.94    2.94             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)             775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)                0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)             775.20    Reach Len. (ft)               2.94       2.94       2.94
  Crit W.S. (ft)                       Flow Area (sq ft)        1492255.00   96299.79   612838.30
  E.G. Slope (ft/ft)       0.000000    Area (sq ft)             1492255.00   96299.79   612838.30
  Q Total (cfs)            86678.58    Flow (cfs)               57697.55    4638.39   24342.63
  Top Width (ft)           15500.00    Top Width (ft)           10800.00     500.00    4200.00
  Vel Total (ft/s)             0.04    Avg. Vel. (ft/s)             0.04       0.05       0.04
  Max Chl Dpth (ft)          204.20    Hydr. Depth (ft)           138.17     192.60     145.91
  Conv. Total (cfs)        591241300.0    Conv. (cfs)             393559500.0   31638840.0   166043000.0
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  Length Wtd. (ft)          2.94    Wetted Per. (ft)        10862.96     504.18    4284.40
  Min Ch El (ft)          571.00    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)     1826.52     119.67     740.58
  C & E Loss (ft)                   Cum SA (acres)             12.39       0.57       4.82

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 1211.05*

INPUT
Description:
Station Elevation Data    num=      32
     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
   10800     600   11000  570.94   11100  570.94   11300     600   11800     605
   13500     610   13700     610   14000     650   14500     665   14700     660
   15000     660   15500     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10800     .15   11300     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         10800   11300             2.94    2.94    2.94            .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)          775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)             0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)          775.20    Reach Len. (ft)             2.94       2.94       2.94
  Crit W.S. (ft)                    Flow Area (sq ft)       1492255.00   96317.79   612838.30
  E.G. Slope (ft/ft)    0.000000    Area (sq ft)            1492255.00   96317.79   612838.30
  Q Total (cfs)         94661.01    Flow (cfs)              63010.08    5066.94   26583.99
  Top Width (ft)        15500.00    Top Width (ft)          10800.00     500.00    4200.00
  Vel Total (ft/s)          0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)       204.26    Hydr. Depth (ft)          138.17     192.64     145.91
  Conv. Total (cfs)     591250400.0    Conv. (cfs)            393559500.0   31647980.0   166043000.0
  Length Wtd. (ft)          2.94    Wetted Per. (ft)        10862.96     504.20    4284.40
  Min Ch El (ft)          570.94    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)     1725.80     113.17     699.21
  C & E Loss (ft)                   Cum SA (acres)             11.66       0.54       4.54

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 1208.11*

INPUT
Description:
Station Elevation Data    num=      32
     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
   10800     600   11000  570.88   11100  570.88   11300     600   11800     605
   13500     610   13700     610   14000     650   14500     665   14700     660
   15000     660   15500     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10800     .15   11300     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         10800   11300             2.94    2.94    2.94            .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)          775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)             0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)          775.20    Reach Len. (ft)             2.94       2.94       2.94
  Crit W.S. (ft)                    Flow Area (sq ft)       1492255.00   96335.79   612838.30
  E.G. Slope (ft/ft)    0.000000    Area (sq ft)            1492255.00   96335.79   612838.30
  Q Total (cfs)         94660.73    Flow (cfs)              63008.92    5068.31   26583.50
  Top Width (ft)        15500.00    Top Width (ft)          10800.00     500.00    4200.00
  Vel Total (ft/s)          0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)       204.32    Hydr. Depth (ft)          138.17     192.67     145.91
  Conv. Total (cfs)     591259500.0    Conv. (cfs)            393559500.0   31657110.0   166043000.0
  Length Wtd. (ft)          2.94    Wetted Per. (ft)        10862.96     504.22    4284.40
  Min Ch El (ft)          570.88    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)     1625.09     106.67     657.85
  C & E Loss (ft)                   Cum SA (acres)             10.93       0.51       4.25

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 1205.17*
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INPUT
Description:
Station Elevation Data     num=      32
     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
   10800     600   11000  570.82   11100  570.82   11300     600   11800     605
   13500     610   13700     610   14000     650   14500     665   14700     660
   15000     660   15500     695

Manning's n Values         num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10800     .15   11300     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         10800   11300             2.94    2.94    2.94             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)             2.94       2.94       2.94
  Crit W.S. (ft)                      Flow Area (sq ft)       1492255.00   96353.79   612838.30
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1492255.00   96353.79   612838.30
  Q Total (cfs)           94660.46    Flow (cfs)              63007.77    5069.68   26583.01
  Top Width (ft)          15500.00    Top Width (ft)          10800.00     500.00    4200.00
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         204.38    Hydr. Depth (ft)          138.17     192.71     145.91
  Conv. Total (cfs)       591268700.0    Conv. (cfs)            393559500.0   31666250.0   166043000.0
  Length Wtd. (ft)            2.94    Wetted Per. (ft)        10862.96     504.24    4284.40
  Min Ch El (ft)            570.82    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)     1524.37     100.16     616.49
  C & E Loss (ft)                     Cum SA (acres)             10.20       0.47       3.97

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 1202.23*

INPUT
Description:
Station Elevation Data     num=      32
     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
   10800     600   11000  570.76   11100  570.76   11300     600   11800     605
   13500     610   13700     610   14000     650   14500     665   14700     660
   15000     660   15500     695

Manning's n Values         num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10800     .15   11300     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         10800   11300             2.94    2.94    2.94             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)             2.94       2.94       2.94
  Crit W.S. (ft)                      Flow Area (sq ft)       1492255.00   96371.79   612838.30
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1492255.00   96371.79   612838.30
  Q Total (cfs)           94660.19    Flow (cfs)              63006.61    5071.05   26582.53
  Top Width (ft)          15500.00    Top Width (ft)          10800.00     500.00    4200.00
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         204.44    Hydr. Depth (ft)          138.17     192.74     145.91
  Conv. Total (cfs)       591277800.0    Conv. (cfs)            393559500.0   31675380.0   166043000.0
  Length Wtd. (ft)            2.94    Wetted Per. (ft)        10862.96     504.25    4284.40
  Min Ch El (ft)            570.76    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)     1423.65      93.66     575.13
  C & E Loss (ft)                     Cum SA (acres)              9.48       0.44       3.69

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                  RS: 1199.29*

INPUT
Description:
Station Elevation Data     num=      32
     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
   10800     600   11000  570.71   11100  570.71   11300     600   11800     605
   13500     610   13700     610   14000     650   14500     665   14700     660
   15000     660   15500     695

Manning's n Values         num=       3
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                                                                    TXU_Rev1.rep
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10800     .15   11300     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         10800   11300             2.94    2.94    2.94             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)              2.94       2.94       2.94
  Crit W.S. (ft)                      Flow Area (sq ft)       1492255.00   96386.79   612838.30
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1492255.00   96386.79   612838.30
  Q Total (cfs)           94659.91    Flow (cfs)              63005.61    5072.19   26582.10
  Top Width (ft)          15500.00    Top Width (ft)          10800.00     500.00    4200.00
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         204.49    Hydr. Depth (ft)          138.17     192.77     145.91
  Conv. Total (cfs)       591285400.0    Conv. (cfs)            393559500.0   31682990.0   166043000.0
  Length Wtd. (ft)            2.94    Wetted Per. (ft)        10862.96     504.27    4284.40
  Min Ch El (ft)            570.71    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)     1322.94      87.15     533.76
  C & E Loss (ft)                     Cum SA (acres)              8.75       0.40       3.40

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 1196.35*

INPUT
Description:
Station Elevation Data    num=      32
     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
   10800     600   11000  570.65   11100  570.65   11300     600   11800     605
   13500     610   13700     610   14000     650   14500     665   14700     660
   15000     660   15500     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10800     .15   11300     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         10800   11300             2.94    2.94    2.94             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)              2.94       2.94       2.94
  Crit W.S. (ft)                      Flow Area (sq ft)       1492255.00   96404.79   612838.30
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1492255.00   96404.79   612838.30
  Q Total (cfs)           94659.64    Flow (cfs)              63004.47    5073.56   26581.62
  Top Width (ft)          15500.00    Top Width (ft)          10800.00     500.00    4200.00
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         204.55    Hydr. Depth (ft)          138.17     192.81     145.91
  Conv. Total (cfs)       591294500.0    Conv. (cfs)            393559500.0   31692120.0   166043000.0
  Length Wtd. (ft)            2.94    Wetted Per. (ft)        10862.96     504.28    4284.40
  Min Ch El (ft)            570.65    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)     1222.22      80.65     492.40
  C & E Loss (ft)                     Cum SA (acres)              8.02       0.37       3.12

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 1193.41*

INPUT
Description:
Station Elevation Data    num=      32
     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
   10800     600   11000  570.59   11100  570.59   11300     600   11800     605
   13500     610   13700     610   14000     650   14500     665   14700     660
   15000     660   15500     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10800     .15   11300     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         10800   11300             2.94    2.94    2.94             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)              2.94       2.94       2.94
  Crit W.S. (ft)                      Flow Area (sq ft)       1492255.00   96422.79   612838.30
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1492255.00   96422.79   612838.30
  Q Total (cfs)           94659.37    Flow (cfs)              63003.31    5074.92   26581.13
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                                                                    TXU_Rev1.rep
  Top Width (ft)          15500.00    Top Width (ft)          10800.00     500.00    4200.00
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         204.61    Hydr. Depth (ft)          138.17     192.85     145.91
  Conv. Total (cfs)       591303700.0    Conv. (cfs)          393559500.0   31701260.0   166043000.0
  Length Wtd. (ft)            2.94    Wetted Per. (ft)        10862.96     504.30    4284.40
  Min Ch El (ft)            570.59    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)     1121.50      74.14     451.04
  C & E Loss (ft)                     Cum SA (acres)              7.29       0.34       2.83

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 1190.47*

INPUT
Description:
Station Elevation Data    num=      32
     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
   10800     600   11000  570.53   11100  570.53   11300     600   11800     605
   13500     610   13700     610   14000     650   14500     665   14700     660
   15000     660   15500     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10800     .15   11300     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         10800   11300             2.94    2.94    2.94            .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)             2.94       2.94       2.94
  Crit W.S. (ft)                      Flow Area (sq ft)       1492255.00   96440.78   612838.30
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1492255.00   96440.78   612838.30
  Q Total (cfs)           94659.09    Flow (cfs)              63002.16    5076.29   26580.65
  Top Width (ft)          15500.00    Top Width (ft)          10800.00     500.00    4200.00
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         204.67    Hydr. Depth (ft)          138.17     192.88     145.91
  Conv. Total (cfs)       591312800.0    Conv. (cfs)          393559500.0   31710380.0   166043000.0
  Length Wtd. (ft)            2.94    Wetted Per. (ft)        10862.96     504.32    4284.40
  Min Ch El (ft)            570.53    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)     1020.78      67.63     409.68
  C & E Loss (ft)                     Cum SA (acres)              6.56       0.30       2.55

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                 RS: 1187.52*

INPUT
Description:
Station Elevation Data    num=      32
     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
   10800     600   11000  570.47   11100  570.47   11300     600   11800     605
   13500     610   13700     610   14000     650   14500     665   14700     660
   15000     660   15500     695

Manning's n Values        num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10800     .15   11300     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         10800   11300             2.94    2.94    2.94            .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                   Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                 0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)             2.94       2.94       2.94
  Crit W.S. (ft)                      Flow Area (sq ft)       1492255.00   96458.80   612838.30
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1492255.00   96458.80   612838.30
  Q Total (cfs)           94658.82    Flow (cfs)              63001.00    5077.66   26580.16
  Top Width (ft)          15500.00    Top Width (ft)          10800.00     500.00    4200.00
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         204.73    Hydr. Depth (ft)          138.17     192.92     145.91
  Conv. Total (cfs)       591321900.0    Conv. (cfs)          393559500.0   31719530.0   166043000.0
  Length Wtd. (ft)            2.94    Wetted Per. (ft)        10862.96     504.34    4284.40
  Min Ch El (ft)            570.47    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)      920.07      61.12     368.31
  C & E Loss (ft)                     Cum SA (acres)              5.83       0.27       2.27

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

CROSS SECTION
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TXU_Rev1.rep

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RIVER: SQUAW CREEK
REACH: SC                    RS: 1184.58*

INPUT
Description:
Station Elevation Data     num=      32
     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
   10800     600   11000  570.41   11100  570.41   11300     600   11800     605
   13500     610   13700     610   14000     650   14500     665   14700     660
   15000     660   15500     695

Manning's n Values         num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10800     .15   11300     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         10800   11300             2.94    2.94    2.94             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)              2.94       2.94       2.94
  Crit W.S. (ft)                      Flow Area (sq ft)       1492255.00   96476.80   612838.30
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1492255.00   96476.80   612838.30
  Q Total (cfs)           94658.55    Flow (cfs)              62999.84    5079.03   26579.67
  Top Width (ft)          15500.00    Top Width (ft)          10800.00     500.00    4200.00
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         204.79    Hydr. Depth (ft)          138.17     192.95     145.91
  Conv. Total (cfs)       591331100.0    Conv. (cfs)            393559500.0   31728650.0   166043000.0
  Length Wtd. (ft)            2.94    Wetted Per. (ft)        10862.96     504.35    4284.40
  Min Ch El (ft)            570.41    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)      819.35      54.61     326.95
  C & E Loss (ft)                     Cum SA (acres)              5.10       0.24       1.98

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                    RS: 1181.64*

INPUT
Description:
Station Elevation Data     num=      32
     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
   10800     600   11000  570.35   11100  570.35   11300     600   11800     605
   13500     610   13700     610   14000     650   14500     665   14700     660
   15000     660   15500     695

Manning's n Values         num=       3
     Sta   n Val     Sta   n Val     Sta   n Val
       0     .15   10800     .15   11300     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right     Coeff Contr.   Expan.
         10800   11300             2.94    2.94    2.94             .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)              2.94       2.94       2.94
  Crit W.S. (ft)                      Flow Area (sq ft)       1492255.00   96494.80   612838.30
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)            1492255.00   96494.80   612838.30
  Q Total (cfs)           94658.27    Flow (cfs)              62998.69    5080.40   26579.18
  Top Width (ft)          15500.00    Top Width (ft)          10800.00     500.00    4200.00
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         204.85    Hydr. Depth (ft)          138.17     192.99     145.91
  Conv. Total (cfs)       591340200.0    Conv. (cfs)            393559500.0   31737780.0   166043000.0
  Length Wtd. (ft)            2.94    Wetted Per. (ft)        10862.96     504.37    4284.40
  Min Ch El (ft)            570.35    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)      718.63      48.10     285.59
  C & E Loss (ft)                     Cum SA (acres)              4.37       0.20       1.70

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                    RS: 1178.70*

INPUT
Description:
Station Elevation Data     num=      32
     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
   10800     600   11000  570.29   11100  570.29   11300     600   11800     605
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   13500      610   13700      610   14000      650   14500      665   14700      660
   15000      660   15500      695

Manning's n Values          num=        3
     Sta   n Val      Sta   n Val      Sta   n Val
       0     .15    10800     .15    11300     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right      Coeff Contr.   Expan.
        10800   11300             2.94    2.94    2.94              .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)              2.94       2.94       2.94
  Crit W.S. (ft)                      Flow Area (sq ft)        1492255.00   96512.80   612838.30
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)             1492255.00   96512.80   612838.30
  Q Total (cfs)           94658.00    Flow (cfs)               62997.54    5081.77   26578.70
  Top Width (ft)          15500.00    Top Width (ft)           10800.00     500.00    4200.00
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         204.91    Hydr. Depth (ft)           138.17     193.03     145.91
  Conv. Total (cfs)       591349300.0    Conv. (cfs)            393559500.0   31746910.0   166043000.0
  Length Wtd. (ft)            2.94    Wetted Per. (ft)         10862.96     504.39    4284.40
  Min Ch El (ft)            570.29    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)       617.92      41.59     244.23
  C & E Loss (ft)                     Cum SA (acres)              3.64       0.17       1.42

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                   RS: 1175.76*

INPUT
Description:
Station Elevation Data      num=       32
     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
   10800     600   11000  570.24   11100  570.24   11300     600   11800     605
   13500     610   13700     610   14000     650   14500     665   14700     660
   15000     660   15500     695

Manning's n Values          num=        3
     Sta   n Val      Sta   n Val      Sta   n Val
       0     .15    10800     .15    11300     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right      Coeff Contr.   Expan.
        10800   11300             2.94    2.94    2.94              .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    Element                    Left OB    Channel   Right OB
  Vel Head (ft)               0.00    Wt. n-Val.                  0.150      0.150      0.150
  W.S. Elev (ft)            775.20    Reach Len. (ft)              2.94       2.94       2.94
  Crit W.S. (ft)                      Flow Area (sq ft)        1492255.00   96527.80   612838.30
  E.G. Slope (ft/ft)      0.000000    Area (sq ft)             1492255.00   96527.80   612838.30
  Q Total (cfs)           94657.73    Flow (cfs)               62996.55    5082.90   26578.28
  Top Width (ft)          15500.00    Top Width (ft)           10800.00     500.00    4200.00
  Vel Total (ft/s)            0.04    Avg. Vel. (ft/s)            0.04       0.05       0.04
  Max Chl Dpth (ft)         204.96    Hydr. Depth (ft)           138.17     193.06     145.91
  Conv. Total (cfs)       591356900.0    Conv. (cfs)            393559500.0   31754520.0   166043000.0
  Length Wtd. (ft)            2.94    Wetted Per. (ft)         10862.96     504.40    4284.40
  Min Ch El (ft)            570.24    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)       517.20      35.07     202.86
  C & E Loss (ft)                     Cum SA (acres)              2.92       0.13       1.13

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

CROSS SECTION


RIVER: SQUAW CREEK
REACH: SC                   RS: 1172.82*

INPUT
Description:
Station Elevation Data      num=       32
     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
   10800     600   11000  570.18   11100  570.18   11300     600   11800     605
   13500     610   13700     610   14000     650   14500     665   14700     660
   15000     660   15500     695

Manning's n Values          num=        3
     Sta   n Val      Sta   n Val      Sta   n Val
       0     .15    10800     .15    11300     .15

Bank Sta: Left   Right    Lengths: Left Channel   Right      Coeff Contr.   Expan.
        10800   11300             2.94    2.94    2.94              .1       .3

CROSS SECTION OUTPUT  Profile #Max WS

  E.G. Elev (ft)            775.20    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)	775.20	Reach Len. (ft)	2.94	2.94	2.94	
Crit W.S. (ft)		Flow Area (sq ft)	1492255.00	96545.80	612838.30	
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1492255.00	96545.80	612838.30	
Q Total (cfs)	94657.45	Flow (cfs)	62995.39	5084.27	26577.79	
Top Width (ft)	15500.00	Top Width (ft)	10800.00	500.00	4200.00	
Vel Total (ft/s)	0.04	Avg. Vel. (ft/s)	0.04	0.05	0.04	
Max Chl Dpth (ft)	205.02	Hydr. Depth (ft)	138.17	193.09	145.91	
Conv. Total (cfs)	591366100.0	Conv. (cfs)	393559500.0	31763640.0	166043000.0	
Length Wtd. (ft)	2.94	Wetted Per. (ft)	10862.96	504.42	4284.40	
Min Ch El (ft)	570.18	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)	416.48	28.56	161.50	
C & E Loss (ft)		Cum SA (acres)	2.19	0.10	0.85	

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1169.88*

INPUT
Description:
Station Elevation Data num= 32

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
10800	600	11000	570.12	11100	570.12	11300	600	11800	605
13500	610	13700	610	14000	650	14500	665	14700	660
15000	660	15500	695						

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10800	.15	11300	.15

Bank Sta: Left	Right	Lengths: Left	Channel	Right	Coeff Contr.	Expan.
10800	11300	2.94	2.94	2.94	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	775.20	Element	Left OB	Channel	Right OB	
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150	
W.S. Elev (ft)	775.20	Reach Len. (ft)	2.94	2.94	2.94	
Crit W.S. (ft)		Flow Area (sq ft)	1492255.00	96563.79	612838.30	
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1492255.00	96563.79	612838.30	
Q Total (cfs)	94657.18	Flow (cfs)	62994.24	5085.64	26577.30	
Top Width (ft)	15500.00	Top Width (ft)	10800.00	500.00	4200.00	
Vel Total (ft/s)	0.04	Avg. Vel. (ft/s)	0.04	0.05	0.04	
Max Chl Dpth (ft)	205.08	Hydr. Depth (ft)	138.17	193.13	145.91	
Conv. Total (cfs)	591375200.0	Conv. (cfs)	393559500.0	31772770.0	166043000.0	
Length Wtd. (ft)	2.94	Wetted Per. (ft)	10862.96	504.44	4284.40	
Min Ch El (ft)	570.12	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)	315.77	22.04	120.14	
C & E Loss (ft)		Cum SA (acres)	1.46	0.07	0.57	

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

CROSS SECTION

RIVER: SQUAW CREEK
REACH: SC RS: 1166.94*

INPUT
Description:
Station Elevation Data num= 32

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
10800	600	11000	570.06	11100	570.06	11300	600	11800	605
13500	610	13700	610	14000	650	14500	665	14700	660
15000	660	15500	695						

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10800	.15	11300	.15

Bank Sta: Left	Right	Lengths: Left	Channel	Right	Coeff Contr.	Expan.
10800	11300	2.94	2.94	2.94	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	775.20	Element	Left OB	Channel	Right OB	
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150	
W.S. Elev (ft)	775.20	Reach Len. (ft)	2.94	2.94	2.94	
Crit W.S. (ft)		Flow Area (sq ft)	1492255.00	96581.79	612838.30	
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1492255.00	96581.79	612838.30	
Q Total (cfs)	94656.91	Flow (cfs)	62993.08	5087.01	26576.82	
Top Width (ft)	15500.00	Top Width (ft)	10800.00	500.00	4200.00	
Vel Total (ft/s)	0.04	Avg. Vel. (ft/s)	0.04	0.05	0.04	
Max Chl Dpth (ft)	205.14	Hydr. Depth (ft)	138.17	193.16	145.91	
Conv. Total (cfs)	591384300.0	Conv. (cfs)	393559500.0	31781890.0	166043000.0	
Length Wtd. (ft)	2.94	Wetted Per. (ft)	10862.96	504.46	4284.40	
Min Ch El (ft)	570.06	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)	215.05	15.52	78.78	
C & E Loss (ft)		Cum SA (acres)	0.73	0.03	0.28	

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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: 1164

INPUT
Description:
Station Elevation Data num= 32

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
10800	600	11000	570	11100	570	11300	600	11800	605
13500	610	13700	610	14000	650	14500	665	14700	660
15000	660	15500	695						

Manning's n Values num= 3

Sta	n Val	Sta	n Val	Sta	n Val
0	.15	10800	.15	11300	.15

Bank Sta: Left	Right	Lengths: Left	Channel	Right	Coeff Contr.	Expan.
10800	11300	5	5	5	.1	.3

CROSS SECTION OUTPUT Profile #Max WS

E.G. Elev (ft)	775.20	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.00	Wt. n-Val.	0.150	0.150	0.150
W.S. Elev (ft)	775.20	Reach Len. (ft)	5.00	5.00	5.00
Crit W.S. (ft)		Flow Area (sq ft)	1492244.00	96599.24	612833.60
E.G. Slope (ft/ft)	0.000000	Area (sq ft)	1492244.00	96599.24	612833.60
Q Total (cfs)	94656.63	Flow (cfs)	62991.91	5088.39	26576.34
Top Width (ft)	15500.00	Top Width (ft)	10800.00	500.00	4200.00
Vel Total (ft/s)	0.04	Avg. Vel. (ft/s)	0.04	0.05	0.04
Max Chl Dpth (ft)	205.20	Hydr. Depth (ft)	138.17	193.20	145.91
Conv. Total (cfs)	591386000.0	Conv. (cfs)	393554400.0	31790720.0	166040900.0
Length Wtd. (ft)	5.00	Wetted Per. (ft)	10862.96	504.48	4284.40
Min Ch El (ft)	570.00	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)	114.33	9.00	37.42
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.

SUMMARY OF MANNING'S N VALUES

River:PALUXY

Reach	River Sta.	n1	n2	n3
PALUXY RIVER	25092	.15	.15	.15
PALUXY RIVER	22745	.15	.15	.15
PALUXY RIVER	21047	.15	.15	.15
PALUXY RIVER	19331	.15	.15	.15
PALUXY RIVER	17277	.15	.15	.15
PALUXY RIVER	15741	.15	.15	.15
PALUXY RIVER	14471	.15	.15	.15
PALUXY RIVER	14325.1*	.15	.15	.15
PALUXY RIVER	14179.2*	.15	.15	.15
PALUXY RIVER	14033.4*	.15	.15	.15
PALUXY RIVER	13887.5*	.15	.15	.15
PALUXY RIVER	13741.7*	.15	.15	.15
PALUXY RIVER	13595.8*	.15	.15	.15
PALUXY RIVER	13450	.15	.15	.15
PALUXY RIVER	12129	.15	.15	.15
PALUXY RIVER	11391	.15	.15	.15
PALUXY RIVER	11366.1*	.15	.15	.15
PALUXY RIVER	11341.3*	.15	.15	.15
PALUXY RIVER	11316.4*	.15	.15	.15
PALUXY RIVER	11291.6*	.15	.15	.15
PALUXY RIVER	11266.8*	.15	.15	.15
PALUXY RIVER	11241.9*	.15	.15	.15
PALUXY RIVER	11217.1*	.15	.15	.15
PALUXY RIVER	11192.2*	.15	.15	.15
PALUXY RIVER	11167.4*	.15	.15	.15
PALUXY RIVER	11142.6*	.15	.15	.15
PALUXY RIVER	11117.7*	.15	.15	.15
PALUXY RIVER	11092.9*	.15	.15	.15
PALUXY RIVER	11068.0*	.15	.15	.15
PALUXY RIVER	11043.2*	.15	.15	.15
PALUXY RIVER	11018.4*	.15	.15	.15
PALUXY RIVER	10993.5*	.15	.15	.15
PALUXY RIVER	10968.7*	.15	.15	.15
PALUXY RIVER	10943.8*	.15	.15	.15
PALUXY RIVER	10919.0*	.15	.15	.15
PALUXY RIVER	10894.2*	.15	.15	.15
PALUXY RIVER	10869.3*	.15	.15	.15
PALUXY RIVER	10844.5*	.15	.15	.15
PALUXY RIVER	10819.6*	.15	.15	.15
PALUXY RIVER	10794.8*	.15	.15	.15
PALUXY RIVER	10770.*	.15	.15	.15
PALUXY RIVER	10745.1*	.15	.15	.15
PALUXY RIVER	10720.3*	.15	.15	.15
PALUXY RIVER	10695.4*	.15	.15	.15
PALUXY RIVER	10670.6*	.15	.15	.15
PALUXY RIVER	10645.8*	.15	.15	.15
PALUXY RIVER	10620.9*	.15	.15	.15
PALUXY RIVER	10596.1*	.15	.15	.15
PALUXY RIVER	10571.2*	.15	.15	.15

PALUXY RIVER	10546.4*	.15	.15	.15
PALUXY RIVER	10521.6*	.15	.15	.15
PALUXY RIVER	10496.7*	.15	.15	.15
PALUXY RIVER	10471.9*	.15	.15	.15
PALUXY RIVER	10447.0*	.15	.15	.15
PALUXY RIVER	10422.2*	.15	.15	.15
PALUXY RIVER	10397.4*	.15	.15	.15
PALUXY RIVER	10372.5*	.15	.15	.15
PALUXY RIVER	10347.7*	.15	.15	.15
PALUXY RIVER	10322.8*	.15	.15	.15
PALUXY RIVER	10298.0*	.15	.15	.15
PALUXY RIVER	10273.2*	.15	.15	.15
PALUXY RIVER	10248.3*	.15	.15	.15
PALUXY RIVER	10223.5*	.15	.15	.15
PALUXY RIVER	10198.6*	.15	.15	.15
PALUXY RIVER	10173.8*	.15	.15	.15
PALUXY RIVER	10149.*	.15	.15	.15
PALUXY RIVER	10124.1*	.15	.15	.15
PALUXY RIVER	10099.3*	.15	.15	.15
PALUXY RIVER	10074.4*	.15	.15	.15
PALUXY RIVER	10049.6*	.15	.15	.15
PALUXY RIVER	10024.8*	.15	.15	.15
PALUXY RIVER	9999.96*	.15	.15	.15
PALUXY RIVER	9975.12*	.15	.15	.15
PALUXY RIVER	9950.28*	.15	.15	.15
PALUXY RIVER	9925.44*	.15	.15	.15
PALUXY RIVER	9900.6*	.15	.15	.15
PALUXY RIVER	9875.76*	.15	.15	.15
PALUXY RIVER	9850.92*	.15	.15	.15
PALUXY RIVER	9826.08*	.15	.15	.15
PALUXY RIVER	9801.24*	.15	.15	.15
PALUXY RIVER	9776.4*	.15	.15	.15
PALUXY RIVER	9751.56*	.15	.15	.15
PALUXY RIVER	9726.72*	.15	.15	.15
PALUXY RIVER	9701.88*	.15	.15	.15
PALUXY RIVER	9677.04*	.15	.15	.15
PALUXY RIVER	9652.2*	.15	.15	.15
PALUXY RIVER	9627.36*	.15	.15	.15
PALUXY RIVER	9602.52*	.15	.15	.15
PALUXY RIVER	9577.68*	.15	.15	.15
PALUXY RIVER	9552.84*	.15	.15	.15
PALUXY RIVER	9528.00*	.15	.15	.15
PALUXY RIVER	9503.16*	.15	.15	.15
PALUXY RIVER	9478.32*	.15	.15	.15
PALUXY RIVER	9453.48*	.15	.15	.15
PALUXY RIVER	9428.64*	.15	.15	.15
PALUXY RIVER	9403.80*	.15	.15	.15
PALUXY RIVER	9378.96*	.15	.15	.15
PALUXY RIVER	9354.12*	.15	.15	.15
PALUXY RIVER	9329.28*	.15	.15	.15
PALUXY RIVER	9304.44*	.15	.15	.15
PALUXY RIVER	9279.60*	.15	.15	.15
PALUXY RIVER	9254.76*	.15	.15	.15
PALUXY RIVER	9229.92*	.15	.15	.15
PALUXY RIVER	9205.08*	.15	.15	.15
PALUXY RIVER	9180.24*	.15	.15	.15
PALUXY RIVER	9155.4*	.15	.15	.15
PALUXY RIVER	9130.56*	.15	.15	.15
PALUXY RIVER	9105.72*	.15	.15	.15
PALUXY RIVER	9080.88*	.15	.15	.15
PALUXY RIVER	9056.04*	.15	.15	.15
PALUXY RIVER	9031.2*	.15	.15	.15
PALUXY RIVER	9006.35*	.15	.15	.15
PALUXY RIVER	8981.52*	.15	.15	.15
PALUXY RIVER	8956.68*	.15	.15	.15
PALUXY RIVER	8931.84*	.15	.15	.15
PALUXY RIVER	8907	.15	.15	.15
PALUXY RIVER	8861.14*	.15	.15	.15
PALUXY RIVER	8815.28*	.15	.15	.15
PALUXY RIVER	8769.42*	.15	.15	.15
PALUXY RIVER	8723.57*	.15	.15	.15
PALUXY RIVER	8677.71*	.15	.15	.15
PALUXY RIVER	8631.85*	.15	.15	.15
PALUXY RIVER	8586.*	.15	.15	.15
PALUXY RIVER	8540.14*	.15	.15	.15
PALUXY RIVER	8494.28*	.15	.15	.15
PALUXY RIVER	8448.42*	.15	.15	.15
PALUXY RIVER	8402.57*	.15	.15	.15
PALUXY RIVER	8356.71*	.15	.15	.15
PALUXY RIVER	8310.85*	.15	.15	.15
PALUXY RIVER	8265.*	.15	.15	.15
PALUXY RIVER	8219.14*	.15	.15	.15
PALUXY RIVER	8173.28*	.15	.15	.15
PALUXY RIVER	8127.42*	.15	.15	.15
PALUXY RIVER	8081.57*	.15	.15	.15
PALUXY RIVER	8035.71*	.15	.15	.15
PALUXY RIVER	7989.85*	.15	.15	.15
PALUXY RIVER	7944	.15	.15	.15
PALUXY RIVER	7886.4*	.15	.15	.15
PALUXY RIVER	7828.8*	.15	.15	.15
PALUXY RIVER	7771.2*	.15	.15	.15
PALUXY RIVER	7713.6*	.15	.15	.15
PALUXY RIVER	7656.*	.15	.15	.15
PALUXY RIVER	7598.4*	.15	.15	.15
PALUXY RIVER	7540.8*	.15	.15	.15
PALUXY RIVER	7483.2*	.15	.15	.15
PALUXY RIVER	7425.6*	.15	.15	.15
PALUXY RIVER	7368.*	.15	.15	.15
PALUXY RIVER	7310.4*	.15	.15	.15
PALUXY RIVER	7252.8*	.15	.15	.15
PALUXY RIVER	7195.2*	.15	.15	.15
PALUXY RIVER	7137.6*	.15	.15	.15
PALUXY RIVER	7080	.15	.15	.15
PALUXY RIVER	7065.01*	.15	.15	.15
PALUXY RIVER	7050.03*	.15	.15	.15
PALUXY RIVER	7035.04*	.15	.15	.15

PALUXY RIVER	7020.06*	.15	.15	.15
PALUXY RIVER	7005.07*	.15	.15	.15
PALUXY RIVER	6990.09*	.15	.15	.15
PALUXY RIVER	6975.10*	.15	.15	.15
PALUXY RIVER	6960.12*	.15	.15	.15
PALUXY RIVER	6945.13*	.15	.15	.15
PALUXY RIVER	6930.15*	.15	.15	.15
PALUXY RIVER	6915.16*	.15	.15	.15
PALUXY RIVER	6900.18*	.15	.15	.15
PALUXY RIVER	6885.19*	.15	.15	.15
PALUXY RIVER	6870.21*	.15	.15	.15
PALUXY RIVER	6855.22*	.15	.15	.15
PALUXY RIVER	6840.24*	.15	.15	.15
PALUXY RIVER	6825.25*	.15	.15	.15
PALUXY RIVER	6810.27*	.15	.15	.15
PALUXY RIVER	6795.28*	.15	.15	.15
PALUXY RIVER	6780.30*	.15	.15	.15
PALUXY RIVER	6765.31*	.15	.15	.15
PALUXY RIVER	6750.33*	.15	.15	.15
PALUXY RIVER	6735.34*	.15	.15	.15
PALUXY RIVER	6720.36*	.15	.15	.15
PALUXY RIVER	6705.37*	.15	.15	.15
PALUXY RIVER	6690.39*	.15	.15	.15
PALUXY RIVER	6675.40*	.15	.15	.15
PALUXY RIVER	6660.42*	.15	.15	.15
PALUXY RIVER	6645.43*	.15	.15	.15
PALUXY RIVER	6630.45*	.15	.15	.15
PALUXY RIVER	6615.47*	.15	.15	.15
PALUXY RIVER	6600.48*	.15	.15	.15
PALUXY RIVER	6585.5*	.15	.15	.15
PALUXY RIVER	6570.51*	.15	.15	.15
PALUXY RIVER	6555.53*	.15	.15	.15
PALUXY RIVER	6540.54*	.15	.15	.15
PALUXY RIVER	6525.56*	.15	.15	.15
PALUXY RIVER	6510.57*	.15	.15	.15
PALUXY RIVER	6495.59*	.15	.15	.15
PALUXY RIVER	6480.60*	.15	.15	.15
PALUXY RIVER	6465.62*	.15	.15	.15
PALUXY RIVER	6450.63*	.15	.15	.15
PALUXY RIVER	6435.65*	.15	.15	.15
PALUXY RIVER	6420.66*	.15	.15	.15
PALUXY RIVER	6405.68*	.15	.15	.15
PALUXY RIVER	6390.69*	.15	.15	.15
PALUXY RIVER	6375.71*	.15	.15	.15
PALUXY RIVER	6360.72*	.15	.15	.15
PALUXY RIVER	6345.74*	.15	.15	.15
PALUXY RIVER	6330.75*	.15	.15	.15
PALUXY RIVER	6315.77*	.15	.15	.15
PALUXY RIVER	6300.78*	.15	.15	.15
PALUXY RIVER	6285.80*	.15	.15	.15
PALUXY RIVER	6270.81*	.15	.15	.15
PALUXY RIVER	6255.83*	.15	.15	.15
PALUXY RIVER	6240.84*	.15	.15	.15
PALUXY RIVER	6225.86*	.15	.15	.15
PALUXY RIVER	6210.87*	.15	.15	.15
PALUXY RIVER	6195.89*	.15	.15	.15
PALUXY RIVER	6180.91*	.15	.15	.15
PALUXY RIVER	6165.92*	.15	.15	.15
PALUXY RIVER	6150.94*	.15	.15	.15
PALUXY RIVER	6135.95*	.15	.15	.15
PALUXY RIVER	6120.97*	.15	.15	.15
PALUXY RIVER	6105.98*	.15	.15	.15
PALUXY RIVER	6091.00*	.15	.15	.15
PALUXY RIVER	6076.01*	.15	.15	.15
PALUXY RIVER	6061.03*	.15	.15	.15
PALUXY RIVER	6046.04*	.15	.15	.15
PALUXY RIVER	6031.06*	.15	.15	.15
PALUXY RIVER	6016.07*	.15	.15	.15
PALUXY RIVER	6001.09*	.15	.15	.15
PALUXY RIVER	5986.10*	.15	.15	.15
PALUXY RIVER	5971.12*	.15	.15	.15
PALUXY RIVER	5956.13*	.15	.15	.15
PALUXY RIVER	5941.15*	.15	.15	.15
PALUXY RIVER	5926.16*	.15	.15	.15
PALUXY RIVER	5911.18*	.15	.15	.15
PALUXY RIVER	5896.19*	.15	.15	.15
PALUXY RIVER	5881.21*	.15	.15	.15
PALUXY RIVER	5866.22*	.15	.15	.15
PALUXY RIVER	5851.24*	.15	.15	.15
PALUXY RIVER	5836.25*	.15	.15	.15
PALUXY RIVER	5821.27*	.15	.15	.15
PALUXY RIVER	5806.29*	.15	.15	.15
PALUXY RIVER	5791.30*	.15	.15	.15
PALUXY RIVER	5776.32*	.15	.15	.15
PALUXY RIVER	5761.33*	.15	.15	.15
PALUXY RIVER	5746.35*	.15	.15	.15
PALUXY RIVER	5731.36*	.15	.15	.15
PALUXY RIVER	5716.38*	.15	.15	.15
PALUXY RIVER	5701.39*	.15	.15	.15
PALUXY RIVER	5686.41*	.15	.15	.15
PALUXY RIVER	5671.42*	.15	.15	.15
PALUXY RIVER	5656.44*	.15	.15	.15
PALUXY RIVER	5641.45*	.15	.15	.15
PALUXY RIVER	5626.47*	.15	.15	.15
PALUXY RIVER	5611.48*	.15	.15	.15
PALUXY RIVER	5596.50*	.15	.15	.15
PALUXY RIVER	5581.51*	.15	.15	.15
PALUXY RIVER	5566.53*	.15	.15	.15
PALUXY RIVER	5551.54*	.15	.15	.15
PALUXY RIVER	5536.56*	.15	.15	.15
PALUXY RIVER	5521.57*	.15	.15	.15
PALUXY RIVER	5506.59*	.15	.15	.15
PALUXY RIVER	5491.60*	.15	.15	.15
PALUXY RIVER	5476.62*	.15	.15	.15
PALUXY RIVER	5461.63*	.15	.15	.15
PALUXY RIVER	5446.65*	.15	.15	.15