Stewarts

Creek

```
FILENAME = (WRS/FS3)                                   Date:  3/ 4/88    Time: 11:18:19

JOB          TR20        ECON2      PEAKS                                  00000100
TITLE         03/02/83STEWARTS CREEK                                       00000200
 2 XSECTN     155                  1.00                                    00000300
 8                                   961.10          0.0          0.0    0.0 00000400
 8                                   965.13       264.47       285.07    .0000000500
 8                                   965.79       371.39       357.83    .0000000600
 8                                   966.20       452.25       406.45    .0000000700
 8                                   966.55       521.44       449.06    .0000000800
 8                                   967.41       733.40       572.45    .0000000900
 8                                   968.43      1031.63       751.09    .0000001000
 8                                   969.60      1449.92      1007.69    .0000001100
 8                                   970.91      2038.89      1353.83    .0000001200
 8                                   972.42      2866.07      1799.35    .0000001300
 8                                   974.19      4029.00      2364.31    .0000001400
 8                                   976.31      5664.61      3100.34    .0000001500
 8                                   978.82      7966.10      4054.63    .0000001600
 8                                   981.78     11201.68      5297.07    .0000001700
 8                                   985.29     15748.38      6939.92    .0000001800
 8                                   989.41     22144.51      9118.99    .0000001900
 8                                   993.81     31136.62     11568.95    .0000002000
 9 ENDTBL                                                                  00002100
 2 XSECTN     165                  1.00                                    00002200
 8                                   962.30          0.0          0.0    0.0 00002300
 8                                   965.41       264.43       322.28    .0000002400
 8                                   966.08       371.33       398.66    .0000002500
 8                                   966.84       521.36       487.66    .0000002600
 8                                   967.72       733.28       591.28    .0000002700
 8                                   968.75      1031.46       713.86    .0000002800
 8                                   969.94      1449.67       859.18    .0000002900
 8                                   971.20      1997.57      1014.05    .0000003000
 8                                   971.29      2038.55      1025.68    .0000003100
 8                                   972.84      2865.59      1264.84    .0000003200
 8                                   974.64      4028.33      1607.92    .0000003300
 8                                   976.77      5663.67      2058.58    .0000003400
 8                                   979.28      7964.77      2625.59    .0000003500
 8                                   982.24     11199.81      3341.55    .0000003600
 8                                   985.74     15745.75      4280.61    .0000003700
 8                                   989.83     22140.82      5532.20    .0000003800
 8                                   994.22     31131.43      6922.85    .0000003900
 9 ENDTBL                                                                  00004000
 2 XSECTN     145                  1.00                                    00004100
 8                                   958.70          0.0          0.0    0.0 00004200
 8                                   965.45       264.22       765.69    .0000004300
 8                                   966.12       371.04       850.93    .0000004400
 8                                   966.90       520.95       951.02    .0000004500
 8                                   967.81       732.71      1068.36    .0000004600
 8                                   968.86      1030.66      1208.19    .0000004700
 8                                   970.10      1448.55      1375.35    .0000004800
 8                                   971.50      2036.96      1569.11    .0000004900
 8                                   972.00      2295.95      1639.52    .0000005000
 8                                   973.10      2863.36      1796.51    .0000005100
 8                                   974.97      4025.20      2132.63    .0000005200
 8                                   977.15      5659.26      3643.17    .0000005300
 8                                   979.69      7958.57      5829.52    .0000005400
 8                                   982.68     11191.10      8482.29    .0000005500
 8                                   986.23     15733.50     11732.45    .0000005600
 8                                   990.39     22123.60     15667.21    .0000005700
 8                                   994.90     31107.22     19944.17    .0000005800
 9 ENDTBL                                                                  00005900
 2 XSECTN     23                   1.00                                    00006000
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Summary option

Elev. Q End Area

pk

Greenhorne & O'Mara, Inc.
RECEIVED
MAR 8 1988
(Greenbelt)

Right justified

```
8                       964.00        0.0          0.0        0.0 00006100
8                       966.75      161.56       142.68         .0000006200
8                       967.32      226.87       174.64         .0000006300
8                       968.06      318.54       217.31         .0000006400
8                       969.01      448.01       273.32         .0000006500
8                       970.09      630.20       339.60         .0000006600
8                       971.36      885.71       420.93         .0000006700
8                       972.84     1245.49       519.26         .0000006800
8                       974.55     1750.80       638.85         .0000006900
8                       976.53     2461.20       785.43         .0000007000
8                       977.20     2756.18       836.19         .0000007100
8                       977.90     3065.06       909.13         .5700007200
8                       978.80     3460.34      1012.54         .9500007300
8                       981.25     4866.25      1573.53        2.8300007400
8                       984.00     6842.77      2386.26        3.1100007500
8                       987.33     9620.22      3444.70        3.4400007600
8                       991.31    13527.43      4813.50        3.8400007700
8                       995.72    19020.44      6464.28        4.2700007800
9 ENDTBL                                                            00007900
2 XSECTN    71        1.00                                          00008000
8                       963.80        0.0          0.0        0.0 00008100
8                       967.29      161.52       136.78         .0000008200
8                       967.86      226.82       166.39         .0000008300
8                       968.65      318.46       208.08         .0000008400
8                       969.61      447.91       261.22         .0000008500
8                       970.69      630.05       323.15         .0000008600
8                       971.99      885.51       401.18         .0000008700
8                       973.00     1127.95       464.71         .0000008800
8                       973.49     1245.21       496.53         .0000008900
8                       975.22     1750.40       616.33         .0000009000
8                       977.24     2460.64       770.70         .0800009100
8                       979.55     3459.56       990.60         .9500009200
8                       982.00     4865.15      1336.81        1.3000009300
8                       984.71     6841.23      1754.05        1.5300009400
8                       987.97     9618.04      2300.10        1.8200009500
8                       991.86    13524.37      3018.31        2.1600009600
8                       996.21    19016.14      3903.91        2.5800009700
9 ENDTBL                                                            00009800
2 XSECTN    73        1.00                                          00009900
8                       964.60        0.0          0.0        0.0 00010000
8                       967.51      161.52       135.45         .0000010100
8                       968.10      226.82       170.31         .0000010200
8                       968.88      318.46       216.65         .0000010300
8                       969.84      447.91       274.86         .0000010400
8                       970.92      630.05       341.89         .0000010500
8                       972.26      885.51       425.67         .0000010600
8                       973.78     1245.21       523.63         .0000010700
8                       975.53     1750.40       639.85         .0000010800
8                       977.20     2322.49       759.60         .0000010900
8                       977.60     2460.64       791.58         .0000011000
8                       979.97     3459.56      1293.22         .3200011100
8                       980.10     3531.54      1331.52         .3200011200
8                       982.50     4865.15      2236.40         .4200011300
8                       985.30     6841.23      3353.87         .4500011400
8                       988.66     9618.04      4769.20         .5000011500
8                       992.66    13524.37      6561.92         .5500011600
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9 ENDTBL                                                            00011800
2 XSECTN    24        1.00                                          00011900
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8                       969.07      226.66       172.14         .0000012200
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8                        973.01      884.91      438.21      .0000012600
8                        974.54     1244.37      548.12      .0000012700
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8                        978.70     2572.73      870.80      .0000013000
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8                        985.86     6836.58     2824.34     6.0400013300
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8                        993.04    13515.18     5752.51     8.0200013500
8                        997.47    19003.22     7862.84     9.1500013600
9 ENDTBL                                                        00013700
2 XSECTN     26        1.00                                     00013800
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8                        968.57      161.41       171.37      .0000014000
8                        969.19      226.66       217.54      .0000014100
8                        969.86      318.25       268.83      .0000014200
8                        970.78      447.61       340.48      .0000014300
8                        971.85      629.62       426.07      .0000014400
8                        973.16      884.91       533.60      .0000014500
8                        974.71     1244.37       665.62      .0000014600
8                        976.51     1749.21       823.69      .0000014700
8                        978.50     2409.78      1010.24      .0000014800
8                        978.65     2458.97      1026.20      .0000014900
8                        981.00     3457.21      1319.81      .0400015000
8                        983.39     4861.85      1693.48      .1000015100
8                        986.05     6836.58      2180.74      .1400015200
8                        989.26     9611.51      2822.12      .1600015300
8                        993.14    13515.18      3792.13      .3200015400
8                        999.14    19003.22      5757.88      .5400015500
9 ENDTBL                                                        00015600
2 XSECTN      1        1.00                                     00015700
8                        970.90        0.0          0.0      0.0 00015800
8                        974.15      161.01        74.87      .0000015900
8                        974.81      226.10        94.91      .0000016000
8                        975.54      317.45       118.46      .0000016100
8                        976.35      446.49       145.97      .0000016200
8                        977.52      628.05       188.22      .0000016300
8                        978.50      838.67       247.88      .0000016400
8                        978.70      882.70       267.21     6.1800016500
8                        979.64     1241.26       612.99    19.8800016600
8                        979.90     1412.98       730.43    22.3100016700
8                        980.41     1744.95      1114.72    28.9500016800
8                        981.48     2452.83      2058.78    39.0300016900
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8                        984.32     4849.71      5149.07    44.7600017100
8                        986.67     6819.52      7847.30    46.2300017200
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8                        999.53    18955.79     23486.82    50.0400017500
9 ENDTBL                                                        00017600
2 XSECTN     27        1.00                                     00017700
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8                        979.13      160.80       100.43      .0000017900
8                        979.72      225.81       130.50      .0000018000
8                        980.23      317.04       157.55      .0000018100
8                        980.96      445.91       196.99      .0000018200
8                        981.94      627.24       252.10      .0000018300
8                        983.08      881.56       318.87      .0000018400
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8                        984.24     1239.66      393.44      .0000018500
8                        984.50     1362.58      410.86      .0000018600
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8                        985.29     1742.59      738.78    20.6400018800
8                        986.07     2449.67     1156.49    28.2000018900
8                        986.90     3444.13     1642.77    28.6700019000
8                        988.01     4843.45     2303.13    29.2900019100
8                        989.56     6810.71     3240.71    30.1600019200
8                        991.77     9575.14     4630.51    31.4100019300
8                        994.93    13464.04     6699.12    33.1900019400
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9 ENDTBL                                                    00019600
2 XSECTN      2         1.00                                00019700
8                        978.00        0.0         0.0       0.0 00019800
8                        982.20      160.61      109.11      .0000019900
8                        982.75      225.53      130.24      .0000020000
8                        983.60      316.66      163.25      .0000020100
8                        984.00      381.23      190.14      .0000020200
8                        984.40      445.37      216.84     5.5100020300
8                        985.27      626.48      398.30     9.8700020400
8                        985.96      880.49      569.31    11.4200020500
8                        986.75     1238.15      988.20    29.2600020600
8                        987.49     1740.47     1693.69    51.7700020700
8                        988.00     2366.51     2284.60    67.2200020800
8                        988.07     2446.68     2377.85    69.2000020900
8                        988.70     3439.93     3282.19    71.2200021000
8                        989.58     4837.55     4561.65    72.3200021100
8                        990.69     6802.41     6176.40    72.5900021200
8                        992.52     9563.47     8848.06    73.0300021300
8                        995.37    13447.64    13059.11    73.4800021400
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9 ENDTBL                                                    00021600
2 XSECTN     28         1.00                                00021700
8                        981.30        0.0         0.0       0.0 00021800
8                        984.43      159.84      149.97      .0000021900
8                        984.95      224.46      184.21      .0000022000
8                        985.69      315.16      235.01      .0000022100
8                        986.55      443.26      296.42      .0000022200
8                        987.53      623.51      368.17      .0000022300
8                        988.49      876.31      440.97      .0000022400
8                        989.59     1232.28      529.01      .0000022500
8                        990.82     1732.22      630.27      .0000022600
8                        991.10     1899.66      654.05      .0000022700
8                        992.00     2435.08      737.26      .0000022800
8                        992.80     2970.84      819.58      .3700022900
8                        993.48     3423.63      894.25      .6800023000
8                        995.05     4814.62     1085.01     1.3390023100
8                        996.83     6770.17     1325.74     2.5100023200
8                        999.09     9518.14     1673.20     3.8800023300
8                       1001.90    13383.90     2186.16     6.2100023400
8                       1005.98    18818.63     3716.46    34.2000023500
9 ENDTBL                                                    00023600
2 XSECTN     30         1.00                                00023700
8                        983.80        0.0         0.0       0.0 00023800
8                        985.63      159.84       64.89      .0000023900
8                        985.96      224.46       78.09      .0000024000
8                        986.54      315.16      102.18      .0000024100
8                        987.32      443.26      135.87      .0000024200
8                        988.22      623.51      177.26      .0000024300
8                        989.20      876.31      224.49      .0000024400
8                        989.90     1105.81      260.21      .0000024500
8                        990.29     1232.28      280.47      .0100024600
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8                       991.51     1732.22      350.71        .0500024700
8                       992.74     2435.08      454.13        .2000024800
8                       994.20     3423.63      626.05        .2500024900
8                       995.82     4814.62      832.97        .2900025000
8                       997.70     6770.17     1094.05        .3300025100
8                      1000.04     9518.14     1449.92        .3800025200
8                      1004.48    13383.90     2581.75       1.1600025300
8                      1007.43    18818.63     3768.62       1.3400025400
9 ENDTBL                                                          00025500
2 XSECTN     74        1.00                                       00025600
8                       984.30        0.0        0.0          0.0 00025700
8                       987.16      159.39      122.80        .0000025800
8                       987.69      223.82      148.56        .0000025900
8                       988.45      314.26      185.89        .0000026000
8                       989.19      441.99      223.24        .0000026100
8                       990.23      621.73      277.38        .0000026200
8                       991.41      873.81      340.79        .0000026300
8                       992.20     1095.74      385.27        .0000026400
8                       992.67     1228.77      440.07       3.0400026500
8                       994.01     1727.28      768.60      19.0100026600
8                       994.30     1929.36      869.41      21.8600026700
8                       995.02     2428.14     1299.91      28.9100026800
8                       996.13     3413.87     2045.26      33.2000026900
8                       997.48     4800.89     3009.03      34.2000027000
8                       999.20     6750.86     4258.00      34.9600027100
8                      1001.44     9491.00     5922.51      35.9500027200
8                      1005.49    13345.73     9043.70      37.7500027300
8                      1008.35    18764.96    11326.59      38.8500027400
9 ENDTBL                                                          00027500
2 XSECTN     76        1.00                                       00027600
8                       987.60        0.0        0.0          0.0 00027700
8                       988.78      159.39       57.69        .0000027800
8                       989.23      223.82       81.44        .0000027900
8                       989.71      314.26      107.30        .0000028000
8                       990.34      441.99      141.66        .0000028100
8                       991.27      621.73      193.13        .0000028200
8                       992.44      873.81      263.17        .0000028300
8                       992.60      914.55      279.63        .0000028400
8                       993.81     1228.77      503.98        .6800028500
8                       995.07     1727.28     1306.90       2.2500028600
8                       995.60     2117.06     1848.93       2.6700028700
8                       996.02     2428.14     2386.00       3.0100028800
8                       997.12     3413.87     3795.74       3.1100028900
8                       998.48     4800.89     5572.86       3.1700029000
8                      1000.30     6750.86     8005.44       3.2500029100
8                      1002.72     9491.00    11327.98       3.3500029200
8                      1006.75    13345.73    17085.34       3.5200029300
8                      1010.30    18764.96    22318.21       3.5700029400
9 ENDTBL                                                          00029500
2 XSECTN     3         1.00                                       00029600
8                       988.00        0.0        0.0          0.0 00029700
8                       990.07      156.24       79.51        .0000029800
8                       990.36      219.49       92.80        .0000029900
8                       990.87      308.05      117.12        .0000030000
8                       991.54      433.26      150.17        .0000030100
8                       992.30      609.44      188.45        .0000030200
8                       993.37      856.54      245.40        .0000030300
8                       993.80      983.21      291.79        .0000030400
8                       994.00     1042.72      326.04       1.2300030500
8                       994.54     1204.48      466.78       2.2900030600
8                       995.53     1693.14     1020.25       4.6600030700
8                       996.36     2380.15     1617.40       5.2800030800
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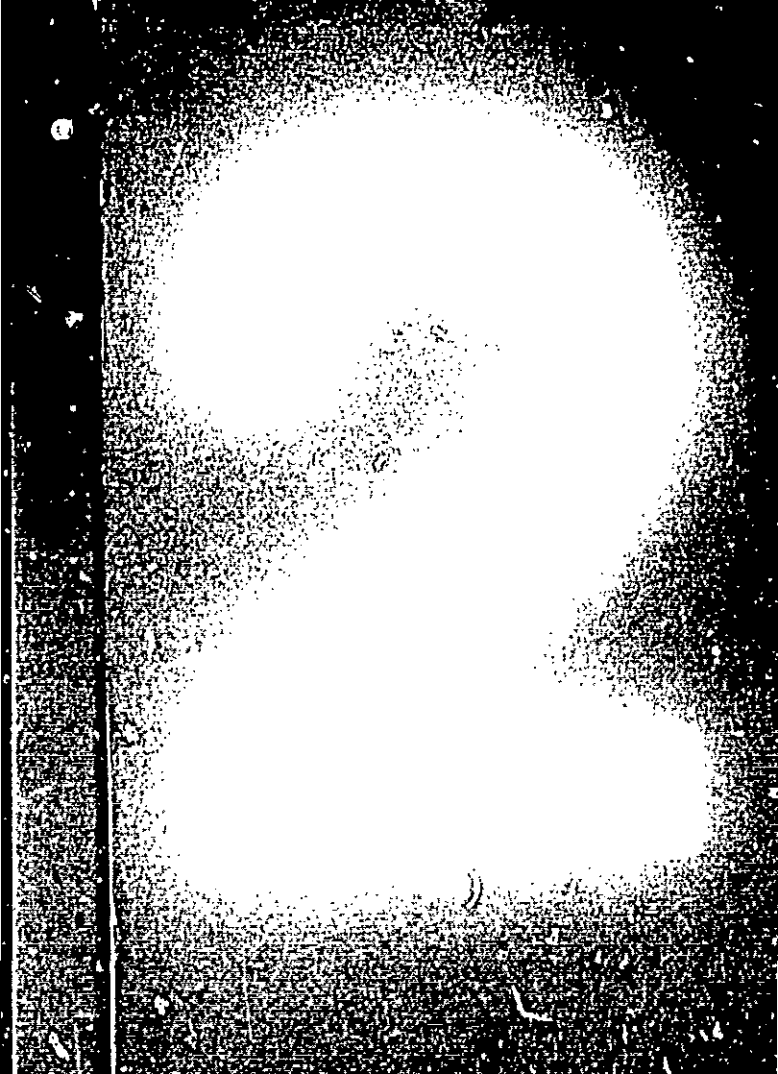

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8                   1002.78     9303.43     6960.81      6.5400031200
8                   1006.78    13081.97    10913.48      7.4200031300
8                   1010.33    18394.10    14703.14      8.0000031400
9 ENDTBL                                                      00031500
2 XSECTN      4     1.00                                      00031600
8                    992.50        0.0         0.0        0.0 00031700
8                    996.02      155.89       76.00         .0000031800
8                    996.50      214.53       95.96         .0000031900
8                    996.54      218.90       97.51         .5600032000
8                    997.02      307.35      137.90        3.0000032100
8                    997.56      432.28      251.05       12.6600032200
8                    998.07      608.07      418.92       28.1200032300
8                    998.31      854.61      640.61       34.6800032400
8                    998.50     1018.26      826.13       39.5500032500
8                    998.71     1201.77     1034.16       45.0100032600
8                    999.13     1689.33     1544.02       54.0300032700
8                    999.54     2374.79     2111.18       61.2300032800
8                    999.94     3338.85     2707.64       65.0000032900
8                   1000.54     4695.40     3669.44       67.3500033000
8                   1001.65     6602.53     5464.51       68.0700033100
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8                   1007.00    13052.48    14340.86       71.5100033300
8                   1010.47    18352.64    20301.31       72.9300033400
9 ENDTBL                                                      00033500
2 XSECTN     31     1.00                                      00033600
8                    995.30        0.0         0.0        0.0 00033700
8                    998.26      155.45      116.69         .0000033800
8                    998.81      218.29      144.98         .0000033900
8                    999.54      306.48      183.25         .0000034000
8                   1000.24      431.06      221.60         .0000034100
8                   1001.04      606.35      266.99         .0000034200
8                   1001.86      852.19      314.61         .0000034300
8                   1002.50     1112.91      353.23         .0000034400
8                   1002.71     1198.36      398.65        4.4400034500
8                   1003.60     1684.37      736.40       25.2400034600
8                   1003.60     1684.54      736.62       25.2500034700
8                   1004.10     2368.06     1090.35       37.7500034800
8                   1004.68     3329.40     1670.03       49.8900034900
8                   1005.27     4682.11     2343.85       61.0000035000
8                   1005.92     6583.84     3255.78       64.0500035100
8                   1006.78     9256.18     4477.45       65.7000035200
8                   1008.66    13015.53     7163.89       66.3900035300
8                   1011.30    18300.68    10974.15       67.3600035400
9 ENDTBL                                                      00035500
2 XSECTN     32     1.00                                      00035600
8                    995.70        0.0         0.0        0.0 00035700
8                    999.39      151.78      136.00         .0000035800
8                   1000.09      213.14      170.81         .0000035900
8                   1000.77      299.26      205.50         .0000036000
8                   1001.62      420.90      250.14         .0000036100
8                   1002.60      592.06      302.76         .0000036200
8                   1003.64      832.12      361.88         .0000036300
8                   1004.70     1120.28      421.30         .0000036400
8                   1004.88     1170.13      491.64        5.3400036500
8                   1005.60     1551.60      774.39       26.7300036600
8                   1005.78     1644.85      890.05       31.9600036700
8                   1006.48     2312.27     1594.94       44.1600036800
8                   1007.05     3250.96     2208.80       48.8600036900
8                   1007.64     4571.79     2879.77       50.3400037000
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8                    1008.26     6428.71     3628.46     51.9200037100
8                    1009.14     9038.09     4693.74     53.8400037200
8                    1010.47    12708.87     6370.05     55.1700037300
8                    1012.49    17869.49     8923.85     55.4700037400
9 ENDTBL                                                      00037500
2 XSECTN      5      1.00                                     00037600
8                    1000.00        0.0          0.0        0.0 00037700
8                    1004.23      151.64        68.10        .0000037800
8                    1004.74      212.94        85.61        .0000037900
8                    1005.49      298.98       114.81        .0000038000
8                    1006.25      420.51       148.67        .0000038100
8                    1007.01      591.51       186.89        .0000038200
8                    1007.80      786.29       234.22        .0000038300
8                    1007.98      831.34       245.63       1.1600038400
8                    1008.85     1169.03       534.41      21.2400038500
8                    1009.44     1643.32       941.92      25.0600038600
8                    1009.89     2310.11      1308.97      25.3400038700
8                    1010.33     3247.91      1675.14      25.6200038800
8                    1010.50     3645.71      1814.44      25.7400038900
8                    1010.89     4567.51      2137.24      25.9900039000
8                    1011.58     6422.70      2734.18      27.1000039100
8                    1012.30     9029.63      3385.07      28.7200039200
8                    1013.35    12696.98      4404.03      31.5400039300
8                    1014.86    17852.78      5989.21      33.4200039400
9 ENDTBL                                                      00039500
2 XSECTN     33      1.00                                     00039600
8                    1000.80        0.0          0.0        0.0 00039700
8                    1005.16      151.58       113.38        .0000039800
8                    1005.78      212.85       139.63        .0000039900
8                    1006.58      298.85       175.26        .0000040000
8                    1007.43      420.33       216.30        .0000040100
8                    1008.20      564.26       261.32        .0000040200
8                    1008.34      591.26       273.11        .8900040300
8                    1009.38      830.98       411.63       3.4300040400
8                    1010.27     1168.54       606.89       5.2000040500
8                    1010.30     1186.70       613.68       5.2400040600
8                    1010.96     1642.62       791.04       6.2300040700
8                    1011.67     2309.12      1003.19       6.9200040800
8                    1012.29     3246.53      1209.14       7.5200040900
8                    1013.23     4565.57      1540.90       8.4300041000
8                    1014.21     6419.96      1917.65       9.3800041100
8                    1015.20     9025.79      2333.98      10.3400041200
8                    1016.57    12691.57      2975.96      11.6600041300
8                    1018.05    17845.17      3754.50      13.2000041400
9 ENDTBL                                                      00041500
2 XSECTN      6      1.00                                     00041600
8                    1005.00        0.0          0.0        0.0 00041700
8                    1007.55      149.29       108.64        .0000041800
8                    1008.03      209.64       134.33        .0000041900
8                    1008.71      294.34       172.22        .0000042000
8                    1009.40      413.98       211.07        .0000042100
8                    1010.37      582.33       266.60        .0000042200
8                    1011.39      818.43       326.60        .0000042300
8                    1012.54     1150.89       395.22        .0000042400
8                    1013.61     1617.81       461.21        .0000042500
8                    1014.20     1963.98       590.16        .0000042600
8                    1014.50     2140.72       747.63      23.0300042700
8                    1014.73     2274.25       866.59      28.9100042800
8                    1015.48     3197.50      1583.16      45.0500042900
8                    1016.18     4496.62      2515.91      55.4200043000
8                    1016.79     6323.01      3575.79      71.0900043100
8                    1017.63     8889.49      5184.40      77.8500043200
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8                       1018.51     12499.91     6960.29      79.9100043300
8                       1019.79     17575.69     9614.07      82.7500043400
9 ENDTBL                                                            00043500
2 XSECTN      34        1.00                                        00043600
8                       1014.20       0.0          0.0         0.0 00043700
8                       1016.28     148.92        84.82         .0000043800
8                       1016.75     209.12       108.42         .0000043900
8                       1017.28     293.62       136.35         .0000044000
8                       1017.88     412.96       168.73         .0000044100
8                       1018.58     580.90       207.87         .0000044200
8                       1019.62     816.42       269.28         .0000044300
8                       1020.72    1148.06       337.44         .0000044400
8                       1021.60    1501.75       403.21         .0000044500
8                       1021.88    1613.83       433.85        5.3800044600
8                       1022.60    2036.40       571.73       12.3600044700
8                       1023.00    2268.66       673.34       16.2000044800
8                       1023.97    3189.64      1030.23       26.0300044900
8                       1024.88    4485.57      1429.10       31.6700045000
8                       1025.98    6307.47      2049.47       54.8500045100
8                       1026.81    8867.63      2685.25       61.1100045200
8                       1027.74   12469.18      3461.47       61.5400045300
8                       1028.94   17532.47      4475.57       62.1000045400
9 ENDTBL                                                            00045500
2 XSECTN      7         1.00                                        00045600
8                       1016.00       0.0          0.0         0.0 00045700
8                       1018.68     148.51       111.51         .0000045800
8                       1019.11     208.55       133.83         .0000045900
8                       1019.78     292.81       169.92         .0000046000
8                       1020.37     411.83       201.44         .0000046100
8                       1021.23     579.31       248.55         .0000046200
8                       1022.37     814.19       312.86         .0000046300
8                       1023.61    1144.92       383.80         .0000046400
8                       1025.00    1598.02       465.78         .0000046500
8                       1025.04    1609.42       477.88         .5800046600
8                       1026.07    2262.45       848.18       16.9000046700
8                       1027.15    3180.92      1404.42       24.1400046800
8                       1027.50    3676.74      1631.38       27.2000046900
8                       1028.07    4473.30      2030.92       32.1100047000
8                       1028.91    6290.21      3026.69       56.1300047100
8                       1029.81    8843.37      4403.74       71.6300047200
8                       1030.57   12435.07      5688.59       78.8000047300
8                       1031.66   17484.51      7684.37       80.8000047400
9 ENDTBL                                                            00047500
2 XSECTN      35        1.00                                        00047600
8                       1020.30       0.0          0.0         0.0 00047700
8                       1022.66     148.17       101.42         .0000047800
8                       1023.11     208.07       123.32         .0000047900
8                       1023.65     292.14       150.29         .0000048000
8                       1024.43     410.88       191.52         .0000048100
8                       1025.24     577.97       235.86         .0000048200
8                       1026.29     812.31       297.74         .0000048300
8                       1026.40     838.81       304.46         .0000048400
8                       1027.67    1142.28       392.46         .5200048500
8                       1028.40    1400.12       452.92         .7400048600
8                       1028.98    1605.71       505.38         .9200048700
8                       1030.30    2257.24       627.37        1.1100048800
8                       1031.81    3113.58       776.86        1.3800048900
8                       1033.35    4462.98       942.37        1.8300049000
8                       1034.89    6275.71      1123.96        2.2800049100
8                       1036.74    8822.98      1362.85        2.8200049200
8                       1038.71   12406.40      1641.45        3.4000049300
8                       1041.07   17444.20      2007.92        4.3100049400
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9	ENDTBL					00049500
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8			1023.55	208.07	109.78	.0000049900
8			1024.12	292.14	138.44	.0000050000
8			1024.87	410.88	177.98	.0000050100
8			1025.68	577.97	222.14	.0000050200
8			1026.73	812.31	281.08	.0000050300
8			1028.07	1142.28	361.14	.0000050400
8			1028.30	1221.92	374.88	.0000050500
8			1029.39	1605.71	479.09	.0700050600
8			1030.76	2257.24	689.08	.1300050700
8			1032.35	3173.58	1001.16	.1800050800
8			1034.10	4462.98	1459.80	.2700050900
8			1036.03	6275.71	2127.50	.4000051000
8			1038.42	8822.98	3365.08	.6000051100
8			1040.89	12406.40	4903.64	.6800051200
8			1044.42	17444.20	7305.05	.7300051300
9	ENDTBL					00051400
2	XSECTN	38	1.00			00051500
8			1028.00	0.0	0.0	0.0 00051600
8			1030.72	146.61	82.46	.0000051700
8			1031.16	205.87	100.82	.0000051800
8			1031.76	289.06	126.42	.0000051900
8			1032.43	406.55	156.30	.0000052000
8			1033.16	571.87	190.46	.0000052100
8			1034.28	803.74	245.56	.0000052200
8			1035.47	1130.23	307.92	.0000052300
8			1036.96	1588.77	391.33	.0000052400
8			1038.62	2233.43	492.38	.0000052500
8			1040.40	3134.78	614.43	.0000052600
8			1040.41	3140.10	615.30	.6700052700
8			1041.50	3859.41	720.39	2.1800052800
8			1042.34	4415.90	831.75	3.3400052900
8			1044.43	6209.50	1145.57	4.3400053000
8			1046.58	8729.91	1516.49	5.3400053100
8			1049.10	12275.52	2005.17	6.3400053200
8			1052.09	17260.18	2630.58	6.5000053300
9	ENDTBL					00053400
2	XSECTN	8	1.00			00053500
8			1031.80	0.0	0.0	0.0 00053600
8			1035.08	146.30	99.63	.0000053700
8			1035.50	205.44	117.65	.0000053800
8			1036.26	288.45	150.99	.0000053900
8			1036.93	405.70	180.65	.0000054000
8			1037.87	570.68	223.18	.0000054100
8			1039.04	802.06	277.65	.0000054200
8			1040.57	1127.87	350.64	.0000054300
8			1041.80	1464.57	411.21	.0000054400
8			1042.24	1585.45	463.59	5.5700054500
8			1043.00	1934.59	648.83	38.4700054600
8			1043.64	2228.76	1029.06	66.1800054700
8			1044.48	3133.54	2005.25	78.5700054800
8			1045.51	4406.67	3366.83	80.7600054900
8			1046.73	6196.53	5003.28	81.9600055000
8			1048.33	8711.66	7178.32	82.9000055100
8			1050.54	12249.87	10222.50	83.7200055200
8			1053.37	17224.10	14142.08	84.5600055300
9	ENDTBL					00055400
2	XSECTN	39	1.00			00055500
8			1037.90	0.0	0.0	0.0 00055600

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8                       1039.99     146.19      84.96       .0000055700
8                       1040.52     205.29     113.05       .0000055800
8                       1040.90     288.24     133.51       .0000055900
8                       1041.65     405.40     175.28       .0000056000
8                       1042.31     570.26     212.21       .0000056100
8                       1042.60     639.42     228.71       .0000056200
8                       1043.28     801.48     269.10       .1300056300
8                       1044.47    1127.04     346.37       .7700056400
8                       1045.93    1584.29     575.82     10.6800056500
8                       1046.89    2227.13     998.99     24.1700056600
8                       1047.65    3131.26    1509.45     25.3700056700
8                       1048.37    4403.46    1999.88     26.0100056800
8                       1049.32    6192.01    2664.33     26.5500056900
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8                       1052.33   12240.93    4835.75     28.2600057100
8                       1054.71   17211.54    6649.38     29.6200057200
9 ENDTBL                                                      00057300
2 XSECTN     40         1.00                                  00057400
8                       1038.70       0.0       0.0        0.0 00057500
8                       1041.36     145.67     103.76       .0000057600
8                       1041.93     204.56     133.82       .0000057700
8                       1042.44     287.21     161.31       .0000057800
8                       1043.12     403.96     198.98       .0000057900
                        1043.99     568.23     249.21       .0000058000
                        1044.80     770.72     298.75       .0000058100
                        1044.91     798.62     305.71       .0700058200
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                        1047.30    1578.64     868.29      9.8800058400
                        1048.13    2219.19    1338.55     12.8300058500
                        1048.79    3120.09    1770.44     13.5400058600
                        1049.53    4387.76    2271.01     13.6900058700
                        1050.48    6169.93    2909.68     13.8800058800
                        1051.72    8674.27    3763.63     14.1300058900
                        1053.29   12197.29    4864.64     14.4400059000
                        1055.50   17150.18    6448.44     14.8300059100
9 ENDTBL                                                      00059200
2 XSECTN     41         1.00                                  00059300
8                       1040.20       0.0       0.0        0.0 00059400
8                       1042.55     144.36     115.72       .0000059500
                        1043.05     202.71     149.37       .0000059600
                        1043.57     284.62     184.71       .0000059700
                        1044.30     400.31     236.65       .0000059800
                        1045.10     563.09     295.33       .0000059900
                        1046.06     791.40     369.09       .0000060000
                        1047.22    1112.87     463.17       .0000060100
                        1047.30    1140.81     469.43       .0000060200
                        1048.46    1564.37     573.36       .4800060300
                        1049.47    2199.13     682.42      1.2100060400
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                        1051.57    4348.09     961.04      2.2500060600
                        1052.87    6114.15    1157.54      2.6600060700
                        1054.44    8595.84    1409.15      3.1400060800
                        1056.31   12087.01    1747.81      4.2300060900
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9 ENDTBL                                                      00061100
2 XSECTN     43         1.00                                  00061200
8                       1040.60       0.0       0.0        0.0 00061300
8                       1042.72     144.36     112.55       .0000061400
                        1043.23     202.71     139.74       .0000061500
                        1043.76     284.62     168.72       .0000061600
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8                       1045.30     563.09     254.56       .0000061800
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8                    1048.40    1459.58      435.03      .0000062100
8                    1048.69    1564.37      462.09      .1200062200
8                    1049.78    2199.13      675.44      .7100062300
8                    1050.94    3091.88     1089.25     1.1200062400
8                    1052.36    4348.09     1696.72     1.2500062500
8                    1054.06    6114.15     2498.87     1.3900062600
8                    1056.15    8595.84     3535.15     1.4100062700
8                    1058.43   12087.01     4688.99     1.4500062800
8                    1062.13   16995.12     6630.27     1.5800062900
9 ENDTBL                                                 00063000
2 XSECTN     44      1.00                                00063100
8                    1043.50       0.0        0.0       0.0 00063200
8                    1045.75      99.25       41.73      .0000063300
8                    1046.19     139.37       55.51      .0000063400
8                    1046.52     195.68       66.36      .0000063500
8                    1047.10     275.22       85.72      .0000063600
8                    1047.78     387.14      110.29      .0000063700
8                    1048.62     544.10      143.05      .0000063800
8                    1049.71     765.12      188.11      .0000063900
8                    1050.84    1075.54      239.49      .0000064000
8                    1051.50    1311.12      271.06      .0000064100
8                    1052.06    1511.95      350.31     1.7900064200
8                    1053.12    2125.73      613.19     5.2100064300
8                    1053.50    2466.00      737.96     5.7500064400
8                    1054.09    2989.40      988.00     6.5700064500
8                    1055.32    4203.60     1519.71     6.8100064600
8                    1057.01    5909.82     2341.99     8.2300064700
8                    1059.04    8310.07     3427.96     8.6900064800
8                    1062.49   11684.49     5354.42     9.0900064900
9 ENDTBL                                                 00065000
2 XSECTN      9      1.00                                00065100
8                    1045.00       0.0        0.0       0.0 00065200
8                    1047.78      99.16       54.01      .0000065300
8                    1048.25     139.24       69.21      .0000065400
8                    1048.69     195.50       83.27      .0000065500
8                    1049.20     274.96      100.71      .0000065600
8                    1050.00     386.78      128.61      .0000065700
8                    1050.83     543.60      158.74      .0000065800
8                    1051.80     736.21      218.58      .0000065900
8                    1051.94     764.41      232.23     2.3200066000
8                    1052.50     985.68      381.39     5.1700066100
8                    1052.72    1074.54      474.27     6.3100066200
8                    1053.61    1510.55      986.01     9.9300066300
8                    1054.33    2123.77     1549.67    12.7600066400
8                    1055.01    2986.63     2199.22    15.8000066500
8                    1055.94    4199.71     3178.71    16.0100066600
8                    1057.40    5904.35     4762.59    16.3500066700
8                    1059.32    8302.37     6869.96    16.7800066800
8                    1062.64   11673.68    10668.88    17.5400066900
9 ENDTBL                                                 00067000
2 XSECTN     45      1.00                                00067100
8                    1045.90       0.0        0.0       0.0 00067200
8                    1048.88      99.01       73.36      .0000067300
8                    1049.38     139.03       91.53      .0000067400
8                    1049.93     195.21      112.89      .0000067500
8                    1050.59     274.56      139.22      .0000067600
8                    1051.45     386.20      175.88      .0000067700
8                    1052.33     542.79      215.67      .0000067800
8                    1053.50     760.97      296.00      .0000067900
8                    1053.51     763.28      297.35     3.3300068000
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8                       1054.30     1100.24      603.92      11.3900068200
8                       1054.99     1508.30     1086.06      19.0600068300
8                       1055.47     2120.61     1554.16      20.1500068400
8                       1056.12     2982.20     2206.97      21.6200068500
8                       1056.82     4193.48     2969.32      23.2200068600
8                       1058.01     5895.59     4363.34      25.3400068700
8                       1059.68     8290.05     6408.54      25.4500068800
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9 ENDTBL                                                          00069000
2 XSECTN     10         1.00                                      00069100
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8                       1056.18       95.01       53.25          .0000069300
8                       1056.55      133.42       66.99          .0000069400
8                       1057.01      187.32       84.02          .0000069500
8                       1057.44      263.47      100.14          .0000069600
8                       1058.20      370.60      129.12          .0000069700
8                       1059.03      520.87      161.69          .0000069800
8                       1059.97      732.45      199.11          .0000069900
8                       1061.10     1029.60      245.15          .0000070000
8                       1061.50     1167.96      263.64          .0000070100
8                       1062.31     1447.37      362.59         6.1300070200
8                       1063.06     2034.95      736.67        33.6200070300
8                       1063.51     2861.73     1088.93        40.7900070400
8                       1064.13     4024.07     1640.55        45.0100070500
8                       1064.60     5657.42     2145.05        48.4600070600
8                       1065.38     7955.16     3028.67        53.5000070700
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9 ENDTBL                                                          00070900
2 XSECTN     46         1.00                                      00071000
8                       1058.70        0.0         0.0         0.0 00071100
8                       1060.52       94.82       63.14          .0000071200
8                       1060.80      133.15       76.25          .0000071300
8                       1061.31      186.95      100.66          .0000071400
8                       1061.79      262.94      123.94          .0000071500
8                       1062.29      369.86      148.26          .0000071600
8                       1063.10      519.82      189.01          .0000071700
8                       1063.99      730.98      234.90          .0000071800
8                       1065.10     1027.54      293.72          .0000071900
8                       1065.40     1132.98      312.08          .0000072000
8                       1066.00     1347.36      366.39         3.3100072100
8                       1066.27     1444.48      429.36         4.3200072200
8                       1067.15     2030.88      655.79         8.5300072300
8                       1067.98     2856.01      891.01         9.0700072400
8                       1068.87     4016.03     1158.20         9.6600072500
8                       1069.63     5646.11     1398.31        10.1600072600
8                       1070.82     7939.25     1792.20        10.8900072700
8                       1072.02    11163.10     2205.33        11.1300072800
9 ENDTBL                                                          00072900
2 XSECTN     11         1.00                                      00073000
8                       1068.20        0.0         0.0         0.0 00073100
8                       1070.40       83.45       45.50          .0000073200
8                       1070.69      117.19       54.90          .0000073300
8                       1071.10      164.54       68.75          .0000073400
8                       1071.55      231.42       84.25          .0000073500
8                       1072.05      325.53      101.86          .0000073600
8                       1072.72      457.52      126.37          .0000073700
8                       1073.57      643.37      158.76          .0000073800
8                       1074.74      904.39      206.39          .0000073900
8                       1075.20     1052.96      227.52          .0000074000
8                       1075.87     1271.36      308.02         7.0300074100
8                       1076.68     1787.47      509.38        15.5800074200
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8                       1077.20     2242.85      672.87     22.9500074300
8                       1077.51     2513.71      851.86     27.3400074400
8                       1078.21     3534.70     1263.59     41.6800074500
8                       1078.84     4969.42     1856.67     57.5700074600
8                       1079.59     6987.72     2743.49     75.5700074700
8                       1080.16     9825.19     3535.21     88.4300074800
9 ENDTBL                                                          00074900
2 XSECTN     47         1.00                                      00075000
8                       1074.10        0.0         0.0        0.0 00075100
8                       1075.87       83.02       44.99         .0000075200
8                       1076.13      116.58       53.52         .0000075300
8                       1076.55      163.68       67.71         .0000075400
8                       1076.91      230.21       80.63         .0000075500
8                       1077.54      323.82      104.07         .0000075600
8                       1078.18      455.12      129.92         .0000075700
8                       1079.01      639.99      165.79         .0000075800
8                       1079.90      848.95      215.12         .0000075900
8                       1080.12      899.63      233.68        1.4500076000
8                       1080.40     1023.97      257.89        3.0400076100
8                       1080.95     1264.67      346.34        6.1100076200
8                       1081.76     1778.07      630.47       13.8400076300
8                       1082.33     2500.48      932.88       17.7600076400
8                       1082.97     3516.10     1301.16       17.9000076500
8                       1083.76     4943.27     1761.60       18.0700076600
8                       1084.45     6950.96     2165.55       18.2300076700
8                       1085.45     9773.49     2762.63       18.4500076800
9 ENDTBL                                                          00076900
2 XSECTN     12         1.00                                      00077000
8                       1078.50        0.0         0.0        0.0 00077100
8                       1080.00       82.91       45.86         .0000077200
8                       1080.35      116.43       58.15         .0000077300
8                       1080.73      163.47       71.97         .0000077400
8                       1081.03      229.92       82.97         .0000077500
8                       1081.63      323.41      105.90         .0000077600
8                       1082.29      454.54      132.19         .0000077700
8                       1083.10      639.18      166.31         .0000077800
8                       1084.21      898.50      218.42         .0000077900
8                       1084.50     1009.37      240.54         .0000078000
8                       1085.00     1198.33      291.35        3.2800078100
8                       1085.17     1263.07      326.69        3.9900078200
8                       1085.87     1775.82      508.79        9.1900078300
8                       1086.49     2497.33      773.29       12.4800078400
8                       1087.10     3511.66     1135.52       15.6400078500
8                       1087.79     4937.03     1592.02       18.5600078600
8                       1088.55     6942.18     2172.67       20.7300078700
8                       1089.31     9761.16     2805.24       21.8000078800
9 ENDTBL                                                          00078900
2 XSECTN     48         1.00                                      00079000
8                       1082.50        0.0         0.0        0.0 00079100
8                       1084.19       82.81       42.29         .0000079200
8                       1084.56      116.28       54.04         .0000079300
8                       1084.84      163.26       63.38         .0000079400
8                       1085.25      229.63       77.92         .0000079500
8                       1085.79      323.00       97.62         .0000079600
8                       1086.61      453.97      129.42         .0000079700
8                       1087.33      638.37      159.04         .0000079800
8                       1088.36      897.36      205.47         .0000079900
8                       1089.47     1261.47      258.95         .0000080000
8                       1090.46     1773.58      310.44         .0000080100
8                       1090.50     1805.96      312.49         .0000080200
8                       1091.31     2494.17      593.27        9.5000080300
8                       1092.02     3507.22      981.24       13.5000080400
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8                       1092.54     4930.78     1307.10     15.3000080500
8                       1093.20     6933.40     1810.15     17.6000080600
8                       1093.92     9748.81     2414.58     20.0800080700
9 ENDTBL                                                        00080800
2 XSECTN     13         1.00                                    00080900
8                       1090.00        0.0         0.0        0.0 00081000
8                       1091.89       81.71       42.56         .0000081100
8                       1092.14      114.74       51.14         .0000081200
8                       1092.41      161.10       61.12         .0000081300
8                       1092.78      226.58       74.56         .0000081400
8                       1093.31      318.73       94.48         .0000081500
8                       1093.60      379.32      105.67         .0000081600
8                       1093.93      447.95      165.63        4.5700081700
8                       1094.42      629.92      294.80       10.2300081800
8                       1094.80      885.48      434.53       13.4500081900
8                       1095.19     1244.77      636.05       16.0500082000
8                       1095.67     1750.09      899.49       19.2800082100
8                       1096.00     2229.76     1124.33       21.3700082200
8                       1096.16     2461.14     1232.79       22.3800082300
8                       1096.52     3460.78     1489.35       24.3500082400
8                       1097.21     4865.49     2046.19       27.0500082500
8                       1097.70     6841.59     2502.20       30.9800082600
8                       1098.38     9619.71     3204.55       34.8800082700
9 ENDTBL                                                        00082800
2 XSECTN     49         1.00                                    00082900
8                       1095.80        0.0         0.0        0.0 00083000
8                       1097.03       81.43       50.71         .0000083100
8                       1097.27      114.35       62.09         .0000083200
8                       1097.63      160.56       80.73         .0000083300
8                       1097.95      225.82       98.03         .0000083400
8                       1098.30      317.65      118.64         .0000083500
8                       1098.88      446.44      154.66         .0000083600
8                       1099.43      627.79      192.40         .0000083700
8                       1099.60      686.23      207.43         .0000083800
8                       1100.18      882.49      270.79        2.2100083900
8                       1100.62     1240.57      343.04        4.1800084000
8                       1101.32     1744.19      529.45        7.4700084100
8                       1101.91     2452.83      745.52       10.2000084200
8                       1102.44     3449.10      978.98       12.6900084300
8                       1103.23     4849.07     1405.45       16.2900084400
8                       1103.90     6818.50     1830.95       18.8900084500
8                       1104.66     9587.25     2370.60       20.2900084600
9 ENDTBL                                                        00084700
2 XSECTN     14         1.00                                    00084800
8                       1102.00        0.0         0.0        0.0 00084900
8                       1103.97       80.94       39.34         .0000085000
8                       1104.19      113.67       46.57         .0000085100
8                       1104.61      159.59       60.82         .0000085200
8                       1105.04      224.46       75.61         .0000085300
8                       1105.49      315.74       91.77         .0000085400
8                       1106.15      443.76      115.71         .0000085500
8                       1106.75      624.02      138.44         .0000085600
8                       1107.68      877.18      175.23         .0000085700
8                       1108.76     1233.11      220.89         .0000085800
8                       1109.50     1564.26      259.72         .0000085900
8                       1109.88     1733.70      284.19        1.4600086000
8                       1110.00     1828.85      291.96        1.5300086100
8                       1110.77     2438.09      420.83        4.8900086200
8                       1111.67     3428.37      683.29        9.0500086300
8                       1112.42     4819.92      968.75       12.2700086400
8                       1113.18     6777.51     1317.56       15.4300086500
8                       1113.96     9529.62     1793.60       19.5500096600
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9	ENDTBL					00086700
2	XSECTN	50	1.00			00086800
8			1111.60	0.0	0.0	0.0 00086900
8			1113.19	80.60	47.52	.0000087000
8			1113.45	113.19	56.48	.0000087100
8			1113.83	158.92	69.95	.0000087200
8			1114.18	223.52	82.53	.0000087300
8			1114.87	314.41	108.55	.0000087400
8			1115.52	441.89	134.10	.0000087500
8			1116.31	621.38	166.62	.0000087600
8			1116.70	725.02	183.53	.0000087700
8			1117.26	873.48	208.27	.0200087800
8			1118.40	1227.90	264.68	.2200087900
8			1119.81	1726.38	343.34	.4700088000
8			1120.98	2427.80	500.57	8.2100088100
8			1122.02	3413.89	863.65	20.6400088200
8			1122.98	4799.57	1288.01	20.9200088300
8			1123.87	6748.90	1684.48	21.1700088400
8			1124.92	9489.39	2160.88	21.4700088500
9	ENDTBL					00088600
2	XSECTN	150	1.00			00088700
8			1112.10	0.0	0.0	0.0 00088800
8			1113.74	80.60	40.92	.0000088900
8			1114.07	113.19	50.72	.0000089000
8			1114.48	158.92	63.24	.0000089100
8			1114.93	223.52	77.38	.0000089200
8			1115.59	314.41	98.75	.0000089300
8			1116.30	441.89	122.57	.0000089400
8			1116.60	509.58	133.45	.0000089500
8			1117.10	621.38	157.36	.0400089600
8			1118.07	873.48	235.99	.1600089700
8			1119.27	1227.90	393.68	.2900089800
8			1120.78	1726.38	700.50	.4600089900
8			1122.27	2427.80	1098.47	.5900090000
8			1123.49	3413.89	1459.01	.6000090100
8			1124.67	4799.57	1815.56	.6200090200
8			1126.82	6748.90	2478.74	.6400090300
8			1128.76	9489.39	3101.18	.6700090400
9	ENDTBL					00090500
2	XSECTN	15	1.00			00090600
8			1123.10	0.0	0.0	0.0 00090700
8			1125.07	79.31	42.02	.0000090800
8			1125.46	111.37	53.80	.0000090900
8			1125.87	156.37	66.24	.0000091000
8			1126.33	219.94	80.29	.0000091100
8			1126.99	309.37	100.68	.0000091200
8			1127.74	434.81	124.58	.0000091300
8			1128.50	590.29	158.19	.0000091400
8			1128.60	611.43	163.09	3.0700091500
8			1129.00	749.54	220.73	5.6800091600
8			1129.32	859.49	276.54	7.7700091700
8			1129.98	1208.24	496.08	17.6700091800
8			1130.54	1698.74	771.65	25.9500091900
8			1131.13	2388.92	1138.03	31.6600092000
8			1131.57	3359.22	1447.80	32.6500092100
8			1132.38	4722.71	2022.90	34.1300092200
8			1133.26	6640.83	2666.65	35.0000092300
8			1134.27	9337.43	3417.62	35.5800092400
9	ENDTBL					00092500
2	XSECTN	51	1.00			00092600
8			1127.20	0.0	0.0	0.0 00092700
8			1129.22	78.86	46.20	.0000092800

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8                    1129.68    110.77     58.74     .0000092900
8                    1130.02    155.52     68.18     .0000093000
8                    1130.70    218.73     87.81     .0000093100
8                    1131.48    307.68    111.40     .0000093200
8                    1132.34    432.43    138.74     .0000093300
8                    1133.24    608.09    169.25     .0000093400
8                    1133.40    646.13    174.66     .0000093500
8                    1134.26    854.80    246.58    1.7600093600
8                    1135.09   1201.64    346.57    2.6500093700
8                    1135.85   1689.45    462.70    3.4200093800
8                    1136.71   2375.86    616.18    4.1100093900
8                    1137.70   3340.86    813.74    4.5800094000
8                    1138.65   4696.90   1014.72    4.8600094100
8                    1139.80   6604.53   1271.48    5.1300094200
8                    1141.26   9286.39   1610.99    5.3600094300
9 ENDTBL                                                00094400
2 XSECTN     52      1.00                               00094500
8                    1137.30      0.0       0.0     0.0 00094600
8                    1139.41     71.01     37.54     .0000094700
8                    1139.80     99.71     47.04     .0000094800
8                    1140.22    140.00     58.09     .0000094900
8                    1140.80    196.90     73.86     .0000095000
8                    1141.45    276.97     92.60     .0000095100
8                    1142.28    389.27    118.49     .0000095200
8                    1142.80    489.35    135.54     .0000095300
8                    1143.10    547.39    177.46    3.9400095400
8                    1143.76    769.47    323.99   16.1200095500
8                    1144.30   1081.69    580.61   25.2300095600
8                    1144.74   1520.82    825.72   28.8800095700
8                    1145.19   2138.71   1103.73   29.5400095800
8                    1145.68   3007.39   1415.07   30.0500095900
8                    1146.35   4228.07   1847.75   30.6500096000
8                    1147.01   5945.28   2288.91   31.2500096100
8                    1148.01   8359.45   2959.23   32.1400096200
9 ENDTBL                                                00096300
2 XSECTN     53      1.00                               00096400
8                    1145.00      0.0       0.0     0.0 00096500
8                    1147.11     65.40     36.40     .0000096600
8                    1147.39     91.84     42.99     .0000096700
8                    1147.90    128.94     55.95     .0000096800
8                    1148.27    181.35     65.63     .0000096900
8                    1149.01    255.10     85.76     .0000097000
8                    1149.10    268.97     88.34     .0000097100
8                    1149.30    299.37     95.39     .3200097200
8                    1149.69    358.53    111.90     .7500097300
8                    1150.45    504.17    162.10    1.7800097400
8                    1151.03    708.72    220.04    3.1100097500
8                    1151.86    996.28    338.19    5.6300097600
8                    1152.59   1400.74    504.39    9.0800097700
8                    1153.15   1969.84    674.66   12.0100097800
8                    1153.88   2769.93    963.88   14.8200097900
8                    1154.58   3894.23   1274.06   15.7700098000
8                    1155.35   5475.86   1621.06   16.3800098100
8                    1156.18   7699.41   2013.49   17.0500098200
9 ENDTBL                                                00098300
2 XSECTN     16      1.00                               00098400
8                    1154.50      0.0       0.0     0.0 00098500
8                    1156.56     64.95     37.75     .0000098600
8                    1156.70     78.20     43.12     .0000098700
8                    1156.84     91.21     48.40     .0100098800
8                    1157.16    128.07     61.51     .0300098900
8                    1157.50    180.12     75.62     .0500099000
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8                       1157.77     253.37      87.20       .0700099100
8                       1158.44     356.10     117.81       .1100099200
8                       1159.06     500.75     147.37       .1500099300
8                       1159.85     703.90     188.21       .2000099400
8                       1161.19     989.52     296.56       .2800099500
8                       1161.76    1391.22     359.17       .3700099600
8                       1162.63    1956.46     472.54      1.3900099700
8                       1163.46    2751.12     608.27      3.0500099800
8                       1164.37    3867.78     858.38      8.6600099900
8                       1165.22    5438.66    1200.94     11.8500100000
8                       1166.08    7647.11    1606.03     14.1700100100
9 ENDTBL                                                        00100200
2 XSECTN     54         1.00                                    00100300
8                       1168.90       0.0        0.0        0.0 00100400
8                       1170.44      64.38      28.90        .0000100500
8                       1170.70      90.41      35.34        .0000100600
8                       1171.16     126.94      47.01        .0000100700
8                       1171.63     178.54      59.92        .0000100800
8                       1172.15     251.14      75.08        .0000100900
8                       1172.74     352.97      93.61        .0000101000
8                       1173.20     437.07     110.10        .0000101100
8                       1173.52     496.35     126.13       1.8300101200
8                       1174.11     697.72     209.84       6.5900101300
8                       1174.71     980.83     371.99      14.9700101400
8                       1175.01    1379.00     505.82      21.7600101500
8                       1175.54    1939.28     796.65      29.7300101600
8                       1175.98    2726.96    1107.69      32.8300101700
8                       1176.36    3833.81    1405.47      34.0800101800
8                       1176.86    5390.90    1811.42      34.8700101900
8                       1177.59    7579.96    2352.12      36.2600102000
9 ENDTBL                                                        00102100
2 XSECTN     17         1.00                                    00102200
8                       1179.50       0.0        0.0        0.0 00102300
8                       1180.81      63.58      30.26        .0000102400
8                       1181.09      89.29      38.26        .0000102500
8                       1181.45     125.37      49.74        .0000102600
8                       1181.80     176.32      61.28        .0000102700
8                       1182.30     248.03      79.07        .0000102800
8                       1182.65     348.59      91.94        .0000102900
8                       1183.36     490.19     118.09        .0000103000
8                       1184.14     689.06     148.02        .0000103100
8                       1184.94     968.66     179.14        .0000103200
8                       1185.00     994.51     181.54        .0000103300
8                       1185.87    1361.89     240.02       2.1800103400
8                       1186.00    1435.20     255.57       2.9300103500
8                       1186.86    1915.21     394.66       7.8500103600
8                       1187.65    2693.11     680.57      19.5000103700
8                       1188.14    3786.23    1015.08      25.1700103800
8                       1188.64    5324.00    1377.19      29.5800103900
8                       1189.12    7485.88    1750.16      30.0900104000
9 ENDTBL                                                        00104100
2 XSECTN     55         1.00                                    00104200
8                       1187.70       0.0        0.0        0.0 00104300
8                       1188.89      62.75      36.30        .0000104400
8                       1189.11      88.12      44.08        .0000104500
8                       1189.26     123.73      49.36        .0000104600
8                       1189.68     174.02      64.83        .0000104700
8                       1190.16     244.79      82.83        .0000104800
8                       1190.54     344.04      97.61        .0000104900
8                       1191.30     483.79     127.96        .0000105000
8                       1192.09     680.06     161.71        .0000105100
8                       1192.96     956.00     202.25        .0000105200
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8                       1193.20     1056.72      213.73       .0000105300
8                       1193.88     1344.10      373.57     10.0300105400
8                       1194.20     1646.19      484.25     12.6500105500
8                       1194.46     1890.19      615.74     14.7700105600
8                       1194.95     2657.93      865.80     16.5500105700
8                       1195.40     3736.76     1124.37     17.6800105800
8                       1196.05     5254.43     1506.93     18.6300105900
8                       1196.68     7388.07     1888.98     19.0000106000
9 ENDTBL                                                        00106100
2 XSECTN     57         1.00                                    00106200
8                       1189.50        0.0         0.0        0.0 00106300
8                       1190.67       62.75       28.71        .0000106400
8                       1190.94       88.12       37.01        .0000106500
8                       1191.21      123.73       45.10        .0000106600
8                       1191.53      174.02       55.43        .0000106700
8                       1191.92      244.79       68.36        .0000106800
8                       1192.36      344.04       84.04        .0000106900
8                       1192.93      483.79      105.06        .0000107000
8                       1193.10      535.14      111.54        .0000107100
8                       1193.58      680.06      174.28        .2300107200
8                       1194.25      956.00      346.79        .5300107300
8                       1195.32     1344.10      878.12        .9600107400
8                       1195.60     1686.90     1059.88       1.0300107500
8                       1195.76     1890.19     1167.65       1.0800107600
8                       1196.48     2657.93     1664.28       1.1200107700
8                       1197.00     3736.76     2046.13       1.1900107800
8                       1197.51     5254.43     2438.52       1.3000107900
8                       1198.24     7388.07     3036.98       1.3300108000
9 ENDTBL                                                        00108100
2 XSECTN     58         1.00                                    00108200
8                       1203.20        0.0         0.0        0.0 00108300
8                       1204.24       61.35       25.93        .0000108400
8                       1204.46       86.16       34.39        .0000108500
8                       1204.61      120.97       40.72        .0000108600
8                       1204.92      170.14       54.33        .0000108700
8                       1205.08      239.32       61.85        .0000108800
8                       1205.59      336.36       88.21        .0000108900
8                       1205.70      377.56       95.38        .0000109000
8                       1205.96      472.99      112.30        .3100109100
8                       1206.37      664.88      147.40       1.0000109200
8                       1206.84      934.67      206.71       2.3800109300
8                       1207.33     1314.10      299.43       3.8000109400
8                       1207.83     1848.01      421.69       4.7700109500
8                       1208.33     2598.61      561.27       5.4700109600
8                       1208.96     3653.38      754.65       6.2400109700
8                       1209.58     5137.18      958.78       6.9900109800
8                       1210.36     7223.21     1251.59       7.9300109900
9 ENDTBL                                                        00110000
2 XSECTN    158         1.00                                    00110100
8                       1205.90        0.0         0.0        0.0 00110200
8                       1206.66       61.35       24.64        .0000110300
8                       1206.82       86.16       31.14        .0000110400
8                       1207.06      120.97       40.96        .0000110500
8                       1207.33      170.14       52.91        .0000110600
8                       1207.72      239.32       70.35        .0000110700
8                       1208.03      336.36       85.06        .0000110800
8                       1208.53      472.99      110.65        .0000110900
8                       1209.07      664.88      139.36        .0000111000
8                       1209.82      934.67      182.95        .0000111100
8                       1210.80     1314.10      245.50        .0000111200
8                       1212.04     1848.01      334.49        .0000111300
8                       1212.60     2125.74      379.17        .0000111400
```

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8                       1213.55     2598.61      477.32        .0000111500
8                       1215.62     3653.38      851.14        .0000111600
8                       1219.42     5137.18     2041.85        .0000111700
8                       1222.97     7223.21     3641.88        .0000111800
9 ENDTBL                                                          00111900
2 XSECTN     59         1.00                                      00112000
8                       1212.40        0.0         0.0          0.0 00112100
8                       1213.68       61.02       35.35         .0000112200
8                       1213.81       85.69       39.71         .0000112300
8                       1214.18      120.31       52.46         .0000112400
8                       1214.51      169.21       64.14         .0000112500
8                       1214.89      238.02       77.72         .0000112600
8                       1214.90      239.96       78.09         .0000112700
8                       1215.38      334.53       96.04         .0900112800
8                       1215.96      470.42      119.52         .1900112900
8                       1216.63      661.26      149.63         .3200113000
8                       1217.53      929.58      194.79         .6100113100
8                       1218.49     1306.95      261.58        1.6300113200
8                       1219.45     1837.95      367.00        3.0100113300
8                       1220.63     2584.47      559.35        4.7700113400
8                       1221.88     3633.49      837.06        6.6500113500
8                       1223.82     5109.22     1402.93        9.1000113600
8                       1225.99     7183.89     2191.41       11.1700113700
9 ENDTBL                                                          00113800
2 XSECTN     60         1.00                                      00113900
8                       1216.10        0.0         0.0          0.0 00114000
8                       1217.70       60.43       46.24         .0000114100
9                       1217.89       84.85       54.36         .0000114200
8                       1218.33      119.14       73.49         .0000114300
9                       1218.56      167.56       83.53         .0000114400
9                       1219.10      231.79      107.56         .0000114500
8                       1219.13      235.70      109.07         .0000114600
9                       1219.57      331.27      129.36         .0100114700
8                       1220.36      465.84      167.20         .0900114800
9                       1221.15      654.83      207.54         .1700114900
8                       1222.12      920.53      260.03         .2700115000
8                       1223.26     1294.23      325.98         .3900115100
8                       1224.41     1820.07      399.14         .7300115200
8                       1225.89     2559.33      540.59        3.9800115300
8                       1227.19     3598.14      803.25        8.3000115400
8                       1228.73     5059.51     1235.23       10.4700115500
8                       1230.51     7114.00     1826.42       12.9100115600
9 ENDTBL                                                          00115700
2 XSECTN     61         1.00                                      00115800
8                       1040.80        0.0         0.0          0.0 00115900
8                       1043.15       89.66       57.77         .0000116000
8                       1043.60      125.90       73.10         .0000116100
8                       1044.15      176.77       92.60         .0000116200
8                       1044.88      248.62      119.02         .0000116300
8                       1045.68      349.72      155.50         .0000116400
8                       1046.64      491.52      187.66         .0000116500
8                       1047.83      691.18      237.19         .0000116600
8                       1049.10      971.60      293.97         .0000116700
9                       1050.20     1341.82      355.96         .0000116800
8                       1050.27     1365.83      361.28         .0000116900
8                       1051.46     1920.30      547.77         .0000117000
8                       1052.81     2700.50     1161.62         .0000117100
8                       1054.39     3797.36     2415.81         .0000117200
8                       1056.39     5338.69     4039.70         .0000117300
8                       1058.65     7506.97     5881.13         .0000117400
8                       1062.31    10555.29     8895.13         .0000117500
9 ENDTBL                                                          00117600
```

2	XSECTN	63	1.00				00117700
8			1041.90	0.0	0.0		0.0 00117800
8			1045.00	89.66	96.47		.0000117900
8			1045.19	125.90	103.79		.0000118000
8			1045.46	176.77	113.88		.0000118100
8			1045.96	248.62	133.17		.0000118200
8			1046.56	349.72	156.73		.0000118300
8			1047.35	491.52	189.78		.0000118400
8			1048.39	691.18	235.33		.0000118500
8			1049.59	971.60	296.84		.0000118600
8			1049.60	973.46	297.18		.0000118700
8			1050.79	1365.83	531.72		.5400118800
8			1052.06	1920.30	1063.92		.7700118900
8			1053.22	2700.50	1626.94		.8300119000
8			1054.72	3797.36	2398.36		.8800119100
8			1057.28	5338.69	3810.29		.9700119200
8			1060.34	7506.97	5654.54		1.0700119300
8			1063.35	10555.29	7630.24		1.1700119400
9	ENDTBL						00119500
2	XSECTN	18	1.00				00119600
8			1047.80	0.0	0.0		0.0 00119700
8			1050.49	89.10	51.80		.0000119800
8			1050.86	125.12	64.24		.0000119900
8			1051.28	175.67	79.51		.0000120000
8			1051.86	247.08	102.07		.0000120100
8			1052.48	347.55	127.58		.0000120200
8			1053.23	488.47	161.51		.0000120300
8			1054.16	686.39	207.03		.0000120400
8			1054.80	884.99	241.32		.0000120500
8			1055.06	965.57	261.64		.6900120600
8			1055.96	1357.36	438.66		10.1300120700
8			1056.76	1908.39	742.62		17.6200120800
8			1057.62	2683.75	1224.67		24.4000120900
8			1058.40	3773.80	1888.28		41.5900121000
8			1059.62	5305.57	3324.67		52.4900121100
8			1061.30	7460.40	5530.96		53.8000121200
8			1063.81	10489.81	8931.97		56.0200121300
9	ENDTBL						00121400
2	XSECTN	64	1.00				00121500
8			1052.90	0.0	0.0		0.0 00121600
8			1055.04	88.70	70.49		.0000121700
8			1055.45	124.56	88.90		.0000121800
8			1055.76	174.89	102.81		.0000121900
8			1056.37	245.97	130.82		.0000122000
8			1057.10	346.00	165.83		.0000122100
8			1057.89	486.28	205.44		.0000122200
8			1058.40	597.82	231.70		.0000122300
8			1058.79	683.82	262.12		1.7300122400
8			1059.30	813.40	306.15		2.8900122500
8			1059.88	961.25	374.13		4.2200122600
8			1060.84	1351.28	508.90		9.4700122700
8			1061.67	1899.84	740.19		18.3400122800
8			1062.61	2671.74	1127.29		28.5800122900
8			1063.60	3756.91	1688.67		39.3400123000
8			1064.61	5281.82	2387.86		43.8500123100
8			1065.67	7427.01	3161.36		44.8800123200
8			1067.40	10442.86	4443.87		46.0900123300
9	ENDTBL						00123400
2	XSECTN	19	1.00				00123500
8			1066.20	0.0	0.0		0.0 00123600
8			1068.12	88.36	44.02		.0000123700
8			1068.27	124.08	49.21		.0000123800

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8                       1068.63     174.22      61.61       .0000123900
8                       1069.24     245.03      83.04       .0000124000
8                       1069.79     344.67     102.79       .0000124100
8                       1070.35     484.42     123.57       .0000124200
8                       1071.28     681.20     159.34       .0000124300
8                       1072.35     957.56     202.06       .0000124400
8                       1073.50    1332.90     253.24       .0000124500
8                       1073.54    1346.10     256.22       .6600124600
8                       1074.53    1892.56     413.34     10.6200124700
8                       1075.45    2661.49     787.57     27.5300124800
8                       1076.20    3742.51    1239.57     35.5600124900
8                       1076.88    5261.57    1777.69     41.6500125000
8                       1077.63    7398.54    2421.23     46.5700125100
8                       1078.47   10402.82    3215.79     50.3300125200
9 ENDTBL                                                    00125300
2 XSECTN     65         1.00                                00125400
8                       1073.80       0.0       0.0       0.0 00125500
8                       1075.52      86.99      39.27       .0000125600
8                       1075.83     122.16      47.53       .0000125700
8                       1076.29     171.52      60.31       .0000125800
8                       1076.83     241.23      75.93       .0000125900
8                       1077.38     339.33      92.90       .0000126000
8                       1078.21     476.91     121.38       .0000126100
8                       1078.50     544.14     132.10       .0000126200
8                       1079.04     670.64     220.97      5.4400126300
8                       1079.69     942.72     432.12     13.1400126400
8                       1079.70     951.70     439.02     13.3300126500
8                       1080.28    1325.23     749.73     20.9500126600
8                       1080.70    1863.22    1070.45     23.7100126700
8                       1081.12    2620.23    1413.79     26.3000126800
8                       1081.67    3684.49    1908.78     28.9600126900
8                       1082.36    5180.00    2591.43     31.4200127000
8                       1082.93    7283.84    3181.93     33.1600127100
8                       1083.70   10241.55    4036.59     34.8900127200
9 ENDTBL                                                    00127300
2 XSECTN     20         1.00                                00127400
8                       1080.20       0.0       0.0       0.0 00127500
8                       1083.19      86.54      41.01       .0000127600
8                       1083.56     121.53      50.82       .0000127700
8                       1084.06     170.63      65.27       .0000127800
8                       1084.52     239.99      79.60       .0000127900
8                       1085.26     337.59     107.63       .0000128000
8                       1086.00     446.62     153.33       .0000128100
8                       1086.19     474.46     173.64      3.1000128200
8                       1086.81     667.19     305.37     12.0100128300
8                       1087.00     796.05     384.52     17.1000128400
8                       1087.21     937.88     471.63     22.7100128500
8                       1087.63    1318.43     777.04     34.9200128600
8                       1087.91    1853.66    1048.42     43.4300128700
8                       1088.30    2606.78    1478.18     54.3700128800
8                       1088.67    3665.58    2022.92     61.8700128900
8                       1088.93    5153.41    2405.24     67.1300129000
8                       1089.34    7246.45    3033.91     72.8100129100
8                       1089.98   10188.98    4108.16     73.9300129200
9 ENDTBL                                                    00129300
2 XSECTN     66         1.00                                00129400
8                       1090.70       0.0       0.0       0.0 00129500
8                       1092.65      86.34      30.05       .0000129600
8                       1092.90     121.25      35.40       .0000129700
8                       1093.47     170.23      48.63       .0000129800
8                       1093.92     239.43      59.94       .0000129900
8                       1094.55     336.79      76.71       .0000130000
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8                    1095.27     473.35      97.87      .0000130100
8                    1096.09     665.63     124.31      .0000130200
8                    1096.84     935.67     156.96      .0000130300
8                    1097.00    1029.24     164.72      .0000130400
8                    1097.50    1315.33     334.45     8.0900130500
8                    1098.07    1849.30     576.57    11.0900130600
8                    1098.59    2600.65     808.75    11.4300130700
8                    1099.13    3656.96    1063.97    11.7900130800
8                    1099.76    5141.30    1360.42    12.2000130900
8                    1100.49    7229.41    1724.17    12.6800131000
8                    1101.35   10165.02    2164.17    13.2100131100
9 ENDTBL                                                00131200
2 XSECTN     67      1.00                               00131300
8                    1092.40       0.0        0.0       0.0 00131400
8                    1094.48      85.89      69.59      .0000131500
8                    1094.97     120.61      89.10      .0000131600
8                    1095.52     169.35     111.21      .0000131700
8                    1096.09     238.18     134.93      .0000131800
8                    1096.74     335.04     163.00      .0000131900
8                    1097.62     470.89     202.02      .0000132000
8                    1098.72     662.16     252.44      .0000132100
8                    1099.10     764.78     305.60      .0000132200
8                    1099.72     930.81     425.97    11.4600132300
8                    1100.33    1308.49     615.73    11.4900132400
8                    1101.12    1839.68     870.54    11.8100132500
8                    1101.76    2587.13    1079.22    12.1300132600
8                    1102.66    3637.94    1379.81    12.6700132700
8                    1103.55    5114.56    1693.75    13.4300132800
8                    1104.58    7191.82    2079.21    14.4800132900
8                    1105.83   10112.16    2565.27    15.0100133000
9 ENDTBL                                                00133100
2 XSECTN     69      1.00                               00133200
8                    1091.90       0.0        0.0       0.0 00133300
8                    1094.62      85.89      57.06      .0000133400
8                    1095.11     120.61      71.48      .0000133500
8                    1095.67     169.35      88.61      .0000133600
8                    1096.28     238.18     108.61      .0000133700
8                    1096.96     335.04     132.51      .0000133800
8                    1097.84     470.89     165.97      .0000133900
8                    1098.10     514.89     176.29      .0000134000
8                    1098.97     662.16     239.90      .0800134100
8                    1100.00     930.81     395.04      .1800134200
8                    1100.68    1308.49     549.82      .2400134300
8                    1101.53    1839.68     797.45      .3300134400
8                    1102.31    2587.13    1067.85      .3700134500
8                    1103.44    3637.94    1491.59      .4000134600
8                    1104.70    5114.56    1991.33      .4200134700
8                    1106.28    7191.82    2659.43      .4700134800
8                    1108.66   10112.16    3784.30      .5100134900
9 ENDTBL                                                00135000
2 XSECTN     21      1.00                               00135100
8                    1097.50       0.0        0.0       0.0 00135200
8                    1099.47      85.54      44.45      .0000135300
8                    1099.86     120.13      55.44      .0000135400
8                    1100.20     166.66      65.33      .0000135500
8                    1100.78     237.22      82.66      .0000135600
8                    1101.46     333.68     103.79      .0000135700
8                    1102.40     468.98     136.42      .0000135800
8                    1102.50     491.52     141.78      .0000135900
8                    1103.00     604.67     168.69     2.0800136000
8                    1103.24     659.48     199.24     2.9300136100
8                    1104.06     927.03     391.41    10.5400136200
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8                       1104.64     1303.19      655.75      16.2600136300
8                       1105.04     1832.23      882.26      17.5100136400
8                       1105.62     2576.64     1227.92      18.5200136500
8                       1106.35     3623.20     1690.68      19.4100136600
8                       1107.27     5093.83     2290.71      19.9900136700
8                       1108.43     7162.67     3061.89      20.5400136800
8                       1110.13    10071.18     4239.46      21.3400136900
9 ENDTBL                                                          00137000
2 XSECTN     22         1.00                                      00137100
8                       1110.00        0.0          0.0        0.0 00137200
8                       1111.75       75.42        41.01         .0000137300
8                       1112.11      105.90        51.44         .0000137400
8                       1112.53      148.69        63.81         .0000137500
8                       1112.93      209.13        75.91         .0000137600
8                       1113.70      294.18        99.75         .0000137700
8                       1114.40      413.45       122.93         .0000137800
8                       1115.00      537.08       146.56         .0000137900
8                       1115.21      581.40       157.63        2.0000138000
8                       1116.00      791.81       220.63        6.1600138100
8                       1116.10      817.27       230.86        6.6600138200
8                       1116.91     1148.89       389.75       18.5500138300
8                       1117.56     1615.29       638.53       33.2100138400
8                       1118.03     2271.58       872.63       44.0800138500
8                       1118.61     3194.22      1195.94       44.9500138600
8                       1119.20     4490.73      1523.88       45.7300138700
8                       1119.82     6314.63      1879.49       46.3600138800
8                       1120.83     8878.77      2464.29       47.3800138900
9 ENDTBL                                                          00139000
3 STRUCT       11                                                 00139100
8                  1175.5       0.          73.4                 00139200
9 ENDTBL                                                          00139300
3 STRUCT       01                                                 00139400
8                  1283.5       0.          0.                   00139500
9 ENDTBL                                                          00139600
6 RUNOFF  1      01      6 15.56        71.0        4.81          00139700
6 RESVOR  2      01  6   7 1283.5                                1 00139800
6 REACH   3  053     7   5 14260.                                  00139900
6 RUNOFF  1  053         6 2.26         71.0        1.62          00140000
6 ADDHYD  4  053     5 6 7                                       1 00140100
6 SAVMOV  5  053     7   5                                         00140200
6 RUNOFF  1  052         6 2.34         71.0        2.31          00140300
6 ADDHYD  4  052     5 6 7                                       1 00140400
6 REACH   3  051     7   5 2500.                                   00140500
6 RUNOFF  1  051         6 3.53         71.0        2.62          00140600
6 ADDHYD  4  051     5 6 7                                       1 00140700
6 REACH   3  012     7   5 16360.                                1 00140800
6 RUNOFF  1  046         6 7.86         68.         2.7           00140900
6 ADDHYD  4  046     5 6 7                                       1 00141000
6 REACH   3  045     7   5 6160.                                 1 00141100
6 RUNOFF  1  045         6 2.37         68.         1.9           00141200
6 ADDHYD  4  043     5 6 7                                       1 00141300
6 SAVMOV  5  043     7   1                                         00141400
6 RUNOFF  1      11      6 21.11        71.         3.36          00141500
6 RESVOR  2      11  6   7 1175.5                                1 00141600
6 REACH   3  023     7   5 8720.                                 1 00141700
6 RUNOFF  1  023         6 5.71         70.         2.2           00141800
6 ADDHYD  4  022     5 6 7                                       1 00141900
6 REACH   3  065     7   5 19370.                                1 00142000
6 RUNOFF  1  065         6 2.04         76.         2.2           00142100
6 ADDHYD  4  061     5 6 7                                       1 00142200
6 SAVMOV  5  061     7   5                                         00142300
6 SAVMOV  5  043     1   6                                         00142400
```

Struct.#(01,), output hyd. storage Loc.#, D.A., CN, Tc
struct.#(01), input hyd. storage Loc., Surf.A., TC, Save results
x-sect.#, " " " " , output hyd. Loc.#, reach length, Save results.
x-sect.#, input hyd. storage Loc., ditto, output...#,

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 6 ADDHYD 4 143     5 6 7                                                  1 00142500
 6 REACH  3 006     7     5 23690.                                         1 00142600
 6 RUNOFF 1 006           6 5.63          73.          3.2                   00142700
 6 ADDHYD 4 031     5 6 7                                                  1 00142800
 6 REACH  3 001     7     5 18800.                                         1 00142900
 6 RUNOFF 1 001           6 7.8           73.          3.9                   00143000
 6 ADDHYD 4 071     5 6 7                                                  1 00143100
   ENDATA                                                                    00143200
 7 LIST                                                                      00143300
 7 INCREM 6                .5                                                00143400
 7 COMPUT 7      01 071    0.             7.1        1.          2 2  01  01 00143500
   ENDCMP 1                                                                  00143600
 7 COMPUT 7      01 071    0.             6.1        1.          2 2  01  02 00143700
   ENDCMP 1                                                                  00143800
 7 COMPUT 7      01 071    0.             5.2        1.          2 2  01  03 00143900
   ENDCMP 1                                                                  00144000
 7 COMPUT 7      01 071    0.             4.9        1.          2 2  01  04 00144100
   ENDCMP 1                                                                  00144200
 7 COMPUT 7      01 071    0.             4.1        1.          2 2  01  05 00144300
   ENDCMP 1                                                                  00144400
 7 COMPUT 7      01 071    0.             3.5        1.          2 2  01  06 00144500
   ENDCMP 1                                                                  00144600
 7 COMPUT 7      01 071    0.             3.1        1.          2 2  01  07 00144700
   ENDCMP 1                                                                  00144800
 7 COMPUT 7      01 071    0.             2.7        1.          2 2  01  08 00144900
   ENDCMP 1                                                                  00145000
   ENDJOB 2                                                                  00145100
PEAKS       1    53   60   15.85    59   16.08    58   16.21                 00145200
                      57   16.76    55   16.76    17   17.09                 00145300
                      54   17.41    16   17.64                               00145400
END TABLE                                                                    00145500
PEAKS      51    46   15   23.86    50   24.46    14   24.46                 00145600
                      49   24.85    13   24.98    48   25.50                 00145700
                      12   25.55    47   25.63    11   25.81                 00145800
END TABLE                                                                    00145900
PEAKS      46    43   10   31.62    45   33.76     9   33.84                 00146000
                      44   33.89                                             00146100
END TABLE                                                                    00146200
PEAKS     143    31   41   62.82    40   63.80    39   64.19                 00146300
                       8   64.27    38   64.53    37   65.68                 00146400
                      35   65.68     7   65.94    34   66.25                 00146500
                       6   66.53    33   68.29     5   68.34                 00146600
                      32   68.45                                             00146700
END TABLE                                                                    00146800
PEAKS      31    71    4   71.67     3   71.95    76   74.48                 00146900
                      74   74.48    30   74.85    28   74.85                 00147000
                       2   75.47    27   75.63     1   75.80                 00147100
                      26   76.13    24   76.13    73   76.22                 00147200
END TABLE                                                                    00147300
PEAKS     -11    22   24   21.40    23   21.78                               00147400
END TABLE                                                                    00147500
PEAKS      22    61   21   26.82    69   26.99    67   26.99                 00147600
                      66   27.21    20   27.31    65   27.53                 00147700
                      19   28.21    64   28.38    18   28.58                 00147800
                      63   28.86    61   28.86                               00147900
END TABLE                                                                    00148000
END JOB                                                                      00148100
```

- Beside LIST/INCREM: "Index, ... data and control ... ; time increment (hrs)"
- Above the rainfall-depth column: "x10-11" 500 yr."
- Rainfall-depth column: 7.1" 100 YR.; 50 yr; 25 yr; 10 Yr.; 5 yr.; 2 yr.; 1 yr.; ½ yr — "log-log ⅔ extrapol." — "per Herb Fox 6/22/38"
- Beside card 00143500: "compute from structure # 1 to X-sect. 71, starting time, rainfall depth, rainfall duration, rainfall table #, Antecedent moist. condition, alternate no., storm no. from rainfall table if 1. (24 hrs ?)"
- Above the first PEAKS table: "struct. #, cross-sect #, intermediate points w/ areas, peak flows calc. @ these sections"
- Over the PEAKS columns: "sect", "area"
- Right margin: "41 ⅔"

```
        CREEK 03/02/83-SCS76/27/88-JET                                      STEWARTS
       TR-20 HYDROLOGY
                          PROGRAM DATE - FEB. 14, 1974                    S/360
                                                                                            PASS=  0
    EXECUTIVE CONTROL CARD 00143300   OPERATION LIST

    LISTING OF DATA IN CORE


         0  CREEK 03/02/83-SCS76/27/88-JET

                                 VELOCITY INCREMENT
    1 CTABLE                                .2000

    8                         .0000         .0800         .1800         .2500         .3200
    8                         .3700         .4100         .4500         .4900         .5100
    8                         .5400         .5700         .5900         .6100         .6300
    8                         .6500         .6600         .6700         .6900         .7000
    8                         .7100         .7200         .7300         .7400         .7500
    8                         .7600         .7700         .7700         .7800         .7900
    8                         .7900         .8000         .8100         .8100         .8200
    8                         .8200         .8300         .8300         .8400         .8400
    8                         .8400         .8500         .8500         .8600         .8600
    8                         .8600         .8600         .8700         .8700         .8700
    8                         .8800         .8800         .8800         .8900         .8900
    8                         .8900         .8900         .8900         .8900         .9000
    8                         .9000         .9000         .9000         .9000         .9100
    8                         .9100         .9100         .9100         .9100         .9100
    8                         .9200         .9200         .9200         .9200         .9200
    8                         .9200         .9200         .9200         .9300         .9300
    9 ENDTBL

                 STRUCT NO.
    2 STRUCT          1

                                     ELEVATION     DISCHARGE      STORAGE
    8                                1283.5000         .0000        .0000
    9 ENDTBL

                 STRUCT NO.
    3 STRUCT          11

                                     ELEVATION     DISCHARGE      STORAGE
    8                                1175.5000         .0000      73.4000
    9 ENDTBL

                                 TIME INCREMENT
    4 DIMHYD

    8                         .0000         .0300         .1000         .1900         .3100
    8                         .4700         .6600         .8200         .9300         .9900
    8                        1.0000         .9900         .9300         .8600         .7800
    8                         .6800         .5600         .4600         .3900         .3300
    8                         .2800         .2410         .2070         .1740         .1470
```

```
      8                     .1260       .1070       .0910       .0770       .0660
      8                     .0550       .0470       .0400       .0340       .0290
      8                     .0250       .0210       .0180       .0150       .0130
      8                     .0110       .0090       .0080       .0070       .0060
      8                     .0050       .0040       .0030       .0020       .0010
      8                     .0000       .0000       .0000       .0000       .0000
      9 ENDTBL

        COMPUTED PEAK K FACTOR =   484.00


                                  TIME  INCREMENT
    5 RAINFL 7                          .2500

      8                     .0000       .0020       .0050       .0080       .0110
      8                     .0140       .0170       .0200       .0230       .0260
      8                     .0290       .0320       .0350       .0380       .0410
      8                     .0440       .0480       .0520       .0560       .0600
      8                     .0640       .0680       .0720       .0760       .0800
      8                     .0850       .0900       .0950       .1000       .1050
      8                     .1100       .1150       .1200       .1260       .1330
      8                     .1400       .1470       .1550       .1630       .1720
      8                     .1810       .1910       .2030       .2180       .2360
      8                     .2570       .2830       .3870       .6630       .7070
      8                     .7350       .7580       .7760       .7910       .8040
      8                     .8150       .8250       .8340       .8420       .8490
      8                     .8560       .8630       .8690       .8750       .8810
      8                     .8870       .8930       .8980       .9030       .9080
      8                     .9130       .9180       .9220       .9260       .9300
      8                     .9340       .9380       .9420       .9460       .9500
      8                     .9530       .9560       .9590       .9620       .9650
      8                     .9680       .9710       .9740       .9770       .9800
      8                     .9830       .9860       .9890       .9920       .9950
      8                     .9980      1.0000      1.0000      1.0000      1.0000
      9 ENDTBL
                              STANDARD  CONTROL  INSTRUCTIONS


      6 RUNOFF 1        1       6      13.5600     71.0000     4.81000 0 0 0 0 0
      6 RESVOR 2        1  6    7    1283.5000                         0 0 0 0 1
      6 REACH  3   53      7    5   14260.0000       .0000      .00000 0 0 0 0 0
      6 RUNOFF 1   55           6       2.2600     71.0000     1.62000 0 0 0 0 0
      6 ADDHYD 4   55      5  6 7                                      0 0 0 0 1
      6 SAVMOV 5   53      7    5
      6 RUNOFF 1   52           6       2.3400     71.0000     2.31000 0 0 0 0 0
      6 ADDHYD 4   52      5  6 7                                      0 0 0 0 1
      6 REACH  3   51      7    5    2500.0000       .0000      .00000 0 0 0 0 0
      6 RUNOFF 1   51           6       3.5000     71.0000     2.62000 0 0 0 0 0
      6 ADDHYD 4   51      5  6 7                                      0 0 0 0 1
      6 REACH  3   12      7    5   16360.0000       .0000      .00000 0 0 0 0 1
      6 RUNOFF 1   46           6       7.8600     68.0000     2.70000 0 0 0 0 0
      6 ADDHYD 4   46      5  6 7                                      0 0 0 0 1
      6 REACH  3   45      7    5    6160.0000       .0000      .00000 0 0 0 0 1
      6 RUNOFF 1   45           6       2.3700     68.0000     1.90000 0 0 0 0 0
      6 ADDHYD 4   43      5  6 7                                      0 0 0 0 1
      6 SAVMOV 5   43      7    1
      6 RUNOFF 1       11       6      26.8100     71.0000     3.36000 0 0 0 0 0
      6 RESVOR 2       11  6    7    1175.5000                         0 0 0 0 1
      6 REACH  3   22      7    6   12200.0000       .0000      .00000 0 0 0 0 1
      6 REACH  3   65      6    5   15890.0000       .0000      .00000 0 0 0 0 1
      6 RUNOFF 1   65           6       2.0400     78.0000     2.20000 0 0 0 0 0
```

```
6 ADDHYD 4  61   5 6 7                                              0 0 0 0 0 1
6 SAVMOV 5  61   7   5
6 SAVMOV 5  43   1   6
6 ADDHYD 4 143   5 6 7                                              0 0 0 0 0 1
6 REACH  3   6   7   5   23690.0000         .0000           .00000 0 0 0 0 1
6 RUNOFF 1   6       6       5.6300       73.0000          3.20000 0 0 0 0 0
6 ADDHYD 4  31   5 6 7                                              0 0 0 0 1
6 REACH  3   1   7   5   18800.0000         .0000           .00000 0 0 0 0 0
6 RUNOFF 1   1       6       7.8000       73.0000          3.90000 0 0 0 0 0
6 ADDHYD 4   1   5 6 7                                              0 0 0 0 1
6 REACH  3  23   7   5    4200.0000         .0000           .00000 0 0 0 0 1
6 SAVMOV 5  23   5   7
  ENDATA

END OF LISTING
                                                                                                        PASS=  0
EXECUTIVE CONTROL CARD 00143400   OPERATION  INCREM,      MAIN TIME INCREMENT=   .50
EXECUTIVE CONTROL CARD 00143450   OPERATION  COMPUT,      FROM XSECTN/STRUCT   0/  1      TO XSECTN/STRUCT  23/  0
          STARTING TIME=   .00    RAIN DEPTH= 10.00       RAIN DURATION=  1.00      RAIN TABLE NO.= 7      SOIL CONDITION= 2
          ALTERNATE NO.= 1        STORM NO.= 1


  ENDCMP
                                                                                                        PASS=  1
EXECUTIVE CONTROL CARD 00143500   OPERATION  COMPUT,      FROM XSECTN/STRUCT   0/  1      TO XSECTN/STRUCT  23/  0
          STARTING TIME=   .00    RAIN DEPTH=  7.10       RAIN DURATION=  1.00      RAIN TABLE NO.= 7      SOIL CONDITION= 2
          ALTERNATE NO.= 1        STORM NO.= 2


  ENDCMP
                                                                                                        PASS=  2
EXECUTIVE CONTROL CARD 00143700   OPERATION  COMPUT,      FROM XSECTN/STRUCT   0/  1      TO XSECTN/STRUCT  23/  0
          STARTING TIME=   .00    RAIN DEPTH=  6.10       RAIN DURATION=  1.00      RAIN TABLE NO.= 7      SOIL CONDITION= 2
          ALTERNATE NO.= 1        STORM NO.= 3


  ENDCMP
                                                                                                        PASS=  3
EXECUTIVE CONTROL CARD 00144100   OPERATION  COMPUT,      FROM XSECTN/STRUCT   0/  1      TO XSECTN/STRUCT  23/  0
          STARTING TIME=   .00    RAIN DEPTH=  4.90       RAIN DURATION=  1.00      RAIN TABLE NO.= 7      SOIL CONDITION= 2
          ALTERNATE NO.= 1        STORM NO.= 4


  ENDCMP
SUMMARY TABLE 1
```

ALT	STORM	ID	DA SQ-MI.	RAIN TBLE	AMC	DELTA-T HRS.	TZERO HRS.	PRECIP IN.	PRECIP DURATION	PEAK-Q CFS	PEAK-TIME	PEAK-ELEV	RUNOFF IN.	CSM
1	1	-1	15.56	7	2	.50	.00	10.00	24.00	9907.76	15.10	.00	6.34	636.75
1	1	53	17.82	7	2	.50	.00	10.00	24.00	9981.20	16.06	1157.03	6.35	560.11
1	1	52	20.16	7	2	.50	.00	10.00	24.00	10670.84	15.90	1148.97	6.35	529.31
1	1	51	23.66	7	2	.50	.00	10.00	24.00	11935.03	15.55	1142.70	6.35	504.44
1	1	12	23.66	7	2	.50	.00	10.00	24.00	11792.97	16.69	1089.86	6.35	498.43
1	1	46	31.52	7	2	.50	.00	10.00	24.00	15504.51	14.60	1073.64	6.25	491.89
1	1	45	31.52	7	2	.50	.00	10.00	24.00	14050.76	16.74	1065.02	6.25	445.77
1	1	43	33.89	7	2	.50	.00	10.00	24.00	14460.83	16.60	1060.22	6.23	426.70
1	1	-11	26.81	7	2	.50	.00	10.00	24.00	22404.97	14.08	.00	6.33	835.69
1	1	22	26.81	7	2	.50	.00	10.00	24.00	21304.88	14.92	1125.72	6.34	794.66

1	1	65	26.81	7	2	.50	.00	10.00	24.00	19361.07	16.48	1086.07	6.34	722.16	
1	1	61	28.85	7	2	.50	.00	10.00	24.00	19840.15	16.46	1073.46	6.38	687.70	
1	1	143	62.74	7	2	.50	.00	10.00	24.00	34292.87	16.47	.00	6.30	546.59	
1	1	6	62.74	7	2	.50	.00	10.00	24.00	29717.97	20.12	1022.85	6.30	473.67	
1	1	31	68.37	7	2	.50	.00	10.00	24.00	30416.32	20.09	1017.35	6.32	444.88	
1	1	1	76.17	7	2	.50	.00	10.00	24.00	23786.77	26.87	1004.76	6.35	312.29	
1	1	23	76.17	7	2	.50	.00	10.00	24.00	23737.60	26.60	992.79	6.35	311.64	
1	2	-1	15.56	7	2	.50	.00	7.10	24.00	5875.45	15.15	.00	3.80	377.60	
1	2	53	17.82	7	2	.50	.00	7.10	24.00	5847.11	16.36	1155.49	3.80	328.12	
1	2	52	20.16	7	2	.50	.00	7.10	24.00	6232.99	16.21	1142.13	3.80	309.18	
1	2	51	23.66	7	2	.50	.00	7.10	24.00	6889.34	16.02	1139.96	3.81	291.18	
1	2	12	23.66	7	2	.50	.00	7.10	24.00	6766.25	17.32	1088.48	3.81	285.98	
1	2	46	31.52	7	2	.50	.00	7.10	24.00	8481.19	14.70	1071.02	3.73	269.07	
1	2	45	31.52	7	2	.50	.00	7.10	24.00	7870.43	16.86	1069.39	3.73	249.70	
1	2	43	33.89	7	2	.50	.00	7.10	24.00	8137.41	16.54	1055.76	3.71	240.11	
1	2	-11	26.81	7	2	.50	.00	7.10	24.00	13282.42	14.12	.00	3.79	495.43	
1	2	22	26.81	7	2	.50	.00	7.10	24.00	12563.77	15.03	1122.28	3.80	468.62	
1	2	65	26.81	7	2	.50	.00	7.10	24.00	11189.02	16.75	1083.95	3.80	417.35	
1	2	61	28.85	7	2	.50	.00	7.10	24.00	11474.05	16.72	1073.41	3.80	397.71	
1	2	143	62.74	7	2	.50	.00	7.10	24.00	19607.25	16.71	.00	3.77	312.52	
1	2	6	62.74	7	2	.50	.00	7.10	24.00	17121.07	20.50	1019.68	3.77	272.89	
1	2	31	68.37	7	2	.50	.00	7.10	24.00	17550.91	20.46	1010.93	3.79	256.70	
1	2	1	76.17	7	2	.50	.00	7.10	24.00	14111.48	26.53	994.28	3.81	185.26	
1	2	23	76.17	7	2	.50	.00	7.10	24.00	14080.14	26.75	986.34	3.81	184.85	
1	3	-1	15.56	7	2	.50	.00	6.10	24.00	4556.07	15.18	.00	2.97	292.81	
1	3	53	17.82	7	2	.50	.00	6.10	24.00	4519.98	16.49	1154.88	2.98	253.65	
1	3	52	20.16	7	2	.50	.00	6.10	24.00	4809.02	16.35	1146.57	2.98	238.54	
1	3	51	23.66	7	2	.50	.00	6.10	24.00	5299.13	16.20	1139.01	2.98	223.97	
1	3	12	23.66	7	2	.50	.00	6.10	24.00	5196.06	17.52	1087.89	2.98	219.61	
1	3	46	31.52	7	2	.50	.00	6.10	24.00	6410.68	14.73	1070.03	2.91	203.38	
1	3	45	31.52	7	2	.50	.00	6.10	24.00	5977.23	17.30	1058.07	2.91	189.63	
1	3	43	33.89	7	2	.50	.00	6.10	24.00	6181.89	16.38	1054.12	2.89	182.41	
1	3	11	26.81	7	2	.50	.00	6.10	24.00	10292.26	14.15	.00	2.97	383.90	
1	3	22	26.81	7	2	.50	.00	6.10	24.00	9695.04	15.10	1121.15	2.97	341.62	
1	3	65	26.81	7	2	.50	.00	6.10	24.00	8494.45	16.98	1083.25	2.97	316.84	
1	3	61	28.85	7	2	.50	.00	6.10	24.00	8712.69	16.95	1060.10	3.00	302.00	
1	3	143	62.74	7	2	.50	.00	6.10	24.00	14881.03	16.94	.00	2.94	237.19	
1	3	6	62.74	7	2	.50	.00	6.10	24.00	13072.40	20.78	1018.65	2.94	208.36	
1	3	31	68.37	7	2	.50	.00	6.10	24.00	13417.04	20.74	1008.86	2.96	196.24	
1	3	1	76.17	7	2	.50	.00	6.10	24.00	10925.70	26.71	991.07	2.98	143.44	
1	3	23	76.17	7	2	.50	.00	6.10	24.00	10902.46	26.94	984.19	2.98	143.13	
1	4	-1	15.56	7	2	.50	.00	4.90	24.00	3059.94	15.23	.00	2.04	196.66	
1	4	53	17.82	7	2	.50	.00	4.90	24.00	3035.04	16.62	1154.05	2.04	170.32	
1	4	52	20.16	7	2	.50	.00	4.90	24.00	3231.31	16.50	1145.80	2.04	160.28	
1	4	51	23.66	7	2	.50	.00	4.90	24.00	3555.32	16.39	1137.85	2.04	150.27	
1	4	12	23.66	7	2	.50	.00	4.90	24.00	3481.80	17.71	1087.08	2.04	147.16	
1	4	46	31.52	7	2	.50	.00	4.90	24.00	4198.39	14.77	1068.96	1.98	133.20	
1	4	45	31.52	7	2	.50	.00	4.90	24.00	3982.95	17.91	1056.70	1.98	126.36	
1	4	43	33.89	7	2	.50	.00	4.90	24.00	4099.36	16.71	1052.08	1.97	120.96	
1	4	-11	26.81	7	2	.50	.00	4.90	24.00	6897.24	14.19	.00	2.03	257.26	
1	4	22	26.81	7	2	.50	.00	4.90	24.00	6407.72	15.25	1119.86	2.03	239.09	
1	4	65	26.81	7	2	.50	.00	4.90	24.00	5479.16	17.44	1082.44	2.03	204.37	
1	4	61	28.85	7	2	.50	.00	4.90	24.00	5622.74	17.41	1056.69	2.06	194.90	
1	4	143	62.74	7	2	.50	.00	4.90	24.00	9719.89	17.41	.00	2.01	134.92	
1	4	6	62.74	7	2	.50	.00	4.90	24.00	8646.50	21.27	1017.55	2.01	137.81	
1	4	31	68.37	7	2	.50	.00	4.90	24.00	8881.54	21.22	1006.66	2.03	129.90	
1	4	1	76.17	7	2	.50	.00	4.90	24.00	7420.82	26.90	987.34	2.04	97.42	
1	4	23	76.17	7	2	.50	.00	4.90	24.00	7406.90	27.11	981.39	2.04	97.24	

SUMMARY TABLE 2 DATA PUNCHED IN SAME FORMAT FOR INSERTION INTO SCS ECONOMICS PROGRAM VERSION 2

DISCHARGE,CFS.

CONTROL WORD	XSEC NAME	1 OR 6	2 OR 7	3 OR 8	4 OR 9	5 OR 10

ALTERNATE NO. 1
SUMMARY TABLE 3

	DISCHARGE, CFS									
	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
XSEC/STRUC NO.-11										
XSEC/STRUC NO.-1										
XSEC/STRUC NO. 1										
XSEC/STRUC NO. 6										
XSEC/STRUC NO. 12										
XSEC/STRUC NO. 22										
XSEC/STRUC NO. 23										
XSEC/STRUC NO. 31										
XSEC/STRUC NO. 43										
XSEC/STRUC NO. 45										
XSEC/STRUC NO. 46										
XSEC/STRUC NO. 51										
XSEC/STRUC NO. 52										
XSEC/STRUC NO. 53										
XSEC/STRUC NO. 61										
XSEC/STRUC NO. 65										
XSEC/STRUC NO.143										

$ENDJOB CARD ENCOUNTERED. END OF JOB.

*** TR20 HYDROLOGICAL PROGRAM ***

Console: .5 min. CPU: 12.90 sec. I/O: 000535 blocks PAGE/CPU: 002524

80/80 LIST OF INPUT DATA

```
WSP2        20
TITLE       STEWARTS & PAULS CREEK
TITLE       STEWARTS CREEK 02-28-83-BCS)-6-24-88-JET-LOWER-STARTE
DISCHARGE 187.57     1.98       2.78       3.91       5.50       7.73
DISCHARGE 187.57    10.87      15.28      21.48      30.20      42.47
DISCHARGE 187.57    59.72      83.96     118.06     166.00     200.00
STARTE      155    964.63     964.79     965.05     965.41     965.93
STARTE      155    966.60     967.41     968.42     969.69     971.31
STARTE      155    973.32     975.78     978.79     982.41     986.31
OUTPUT      RSK
REACH       155    187.57     0          0          0          0
REACH       165    187.51     1330       1330
REACH       145    187.23     2000       2000
REACH        23     76.25     1680       1680        600        600
REACH        71     76.22      720        720        820        920
ROAD         RR       2.7      200        100
REACH        73     76.22      180         80         80        180
REACH        24     76.13      960        880        960       1040
ROAD      SR2000      2.7      120        120
REACH        26     76.13      100         80         80        100
REACH         1     75.80     1920       1800       1800       1920
REACH        27     75.63     2520       2400       2400       2520
REACH         2     75.47     2680       2240       2240       2240
REACH        28     74.85     3040       2720       2770       3190
ROAD      SR2258      2.7      180        180
REACH        30     74.85      160        160        160        160
REACH        74     74.48     1600       1600       2260       2260
ROAD        US601      2.7      760        760
REACH        76     74.48      110        110        110        110
REACH         3     71.95      330        330        330        330
REACH         4     71.67     2000       1900       1900       2000
REACH        31     71.32     2360       2120       2120       2360
REACH        32     68.45     2140       2000       2000       2140
REACH         5     68.34     1480       1480       1480       1480
REACH        33     68.29     1200       1200       1200       1200
REACH         6     66.53     1760       1760       1760       1760
REACH        34     66.25     3600       3500       3500       3600
REACH         7     65.94     1980       1980       1980       1980
REACH        35     65.68     1950       1900       1950       2000
ROAD      SR1350      2.7      100        100
REACH        37     65.68      100        100         50         50
REACH        38     64.50     2300       2240       2240       2300
REACH         8     64.27     2800       2750       2750       2800
REACH        39     64.19     1800       1800       1800       1800
REACH        40     63.80      980        980        980        980
```

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```
REACH     41          62.82       1600        1600        1650        1650        45
ROAD      NC89        2.7         110         110                                 46
REACH     43          62.82       190         190         140         140         47
SECTION   155                                                                     96
          -30         990                     981.7       35          970.4       97
          170         966.2       200         962.9       280         961.1       98
          291         968.6       440         981.7       540         990         99
ENDTABLE                                                                        99A
SEGMENT   155         1           D           170                                 100
NVALUE    .10                                                                   101
SEGMENT   155         2           C           291                                 102
NVALUE    .05                                                                   103
SEGMENT   155         3           D           540                                 104
NVALUE    .10                                                                   105
SECTION   165                                                                   106
          -30         990         0           982.2       15          974.1       107
          45          972.7       50          962.8       160         962.3       108
          170         971.2       210         972.3       250         982.2       109
          300         990                                                       110
ENDTABLE                                                                        111
SEGMENT   165         1           D           45                                  112
NVALUE    .10                                                                   113
SEGMENT   165         2           C           170                                 114
NVALUE    .05                                                                   115
SEGMENT   165         3           D           300                                 116
NVALUE    .10                                                                   117
SECTION   145                                                                   118
          -10         990         0           987.1       85          975.6       119
          770         975.1       790         958.7       900         959.2       120
          915         972         940         987.1       950         990         121
ENDTABLE                                                                        122
SEGMENT   145         1           D           770                                 123
NVALUE    .10                                                                   124
SEGMENT   145         2           C           915                                 125
NVALUE    .05                                                                   126
SEGMENT   145         3           D           950                                 127
NVALUE    .10                                                                   128
SECTION   23                                                                    129
          2645        1000        2665        988         2685        977.2       130
          2720        977.9       2735        964         2785        964.1       131
          2800        979.3       2955        979.8       3000        988         132
          3065        1000                                                      133
ENDTABLE                                                                        134
SEGMENT   23          1           D           2720                                135
NVALUE    .10                                                                   136
```

```
-------------------------------------------80/80 LIST OF INPUT DATA--------------------------------------------
     SEGMENT    23          2           C           2800                                     137
     NVALUE     .065                                                                         138
     SEGMENT    23          3           D           3065                                     139
     NVALUE     .10                                                                          140
     SECTION    71                                                                           141
                -30         1000        0           991.4       55          973              142
                65          965.1       110         963.8       125         979.6            143
                170         978.5       195         994         205         1000             144
     ENDTABLE                                                                                145
     SEGMENT    71          1           D           55                                       146
     NVALUE     .10                                                                          147
     SEGMENT    71          2           C           125                                      148
     NVALUE     .065                                                                         149
     SEGMENT    71          3           D           205                                      150
     NVALUE     .10                                                                          151
     SECTION    RR                                                                           152
                0           1020.8      1260        1000.4      1260        990.8            153
                1300        975.3       1387        974.3       1392        963.2            154
                1437        962.3       1442        965.5       1530        978.4            155
                1570        999.6       1570        1006.5      2300        1020.8           156
     ENDTABLE                                                                                157
     ---------------------MAX ELEV DIFFERENCE BETWEEN POINTS ON SECTION RR     EXCEEDS   20. FEET-------------
     BPR        RR          A           3           5                                        158
     PIER       975.3       7           962.3       2           978.4       4                159
     GIRDER     1004.7      998.5       0           .6          2.7                          160
                1260        1000.4      1260        998.5       1570        1004.6           161
                1570        1006.5                                                           162
     ENDTABLE                                                                                163
     SECTION    73                                                                           164
                -12         1000        0           996.6       60          977.2            165
                278         980.4       284         965.7       340         964.6            166
                350         980.1       415         978.2       504         1000             167
     ENDTABLE                                                                                168
     ---------------------MAX ELEV DIFFERENCE BETWEEN POINTS ON SECTION 73     EXCEEDS   20. FEET-------------
     SEGMENT    73          1           D           278                                      169
     NVALUE     .10                                                                          170
     SEGMENT    73          2           C           350                                      171
     NVALUE     .065                                                                         172
     SEGMENT    73          3           D           504                                      173
     NVALUE     .10                                                                          174
     SECTION    24                                                                           175
                0           999.3       25          987.8       50          982              176
                130         978.7       140         966.3       200         966.3            177
                210         979.1       345         980.9       440         990.5            178
                530         1000                                                             179
     ENDTABLE                                                                                180
     SEGMENT    24          1           D           130                                      181
```

```
--------------------------80/80 LIST OF INPUT DATA-----------------------------------------
    NVALUE     .10                                                                   182
    SEGMENT    24         2          C          210                                  183
    NVALUE     .065                                                                  184
    SEGMENT    24         3          D          530                                  185
    NVALUE     .10                                                                   186
    SECTION    SR2000                                                                187
               0          1006.3     280        997.3      435        999.4          188
               435        994.5      480        965.3      527        965.2          189
               539        977.7      570        979.       615        991.8          190
               615        996.7      890        1006.3                                191
    ENDTABLE                                                                         192
------------------MAX ELEV DIFFERENCE BETWEEN POINTS ON SECTION SR2000 EXCEEDS  20. FEET
    BPR        SR2000     A          3          4                                    193
    PIER       965.3      4          979        2                                    194
    GIRDER     994.6      991.8      0          .6         2.7                       195
               435        999.4      435        994.5      615        991.8          196
               615        996.7                                                      197
    ENDTABLE                                                                         198
    SECTION    26                                                                    199
               -10        1000       0          999.1      70         996.9          200
               115        990.9      175        991.3      190        984.7          201
               240        979.8      255        966.2      325        966.2          202
               335        978.5      365        979.2      385        938.6          203
               415        1000                                                       204
    ENDTABLE                                                                         205
    SEGMENT    26         1          D          240                                  206
    NVALUE     .10                                                                   207
    SEGMENT    26         2          C          335                                  208
    NVALUE     .065                                                                  209
    SEGMENT    26         3          D          415                                  210
    NVALUE     .10                                                                   211
    SECTION    1                                                                     212
               0          1000       25         994.5      46         988.5          213
               111        983.6      172        981.6      398        979.6          214
               450        979        504        978.5      641        978.8          215
               726        979.2      880        979.4      953        980.4          216
               984        981.4      1002       981.1      1014       981.6          217
               1016       979.9      1022       973.6      1027       971            218
               1030       970.9      1036       971.2      1042       971.5          219
               1048       971.5      1057       978.6      1059       981.6          220
               1086       981        1150       980.3      1205       980            221
               1224       980.5      1231       984.6      1260       1000           222
    ENDTABLE                                                                         223
    SEGMENT    1          1          D          1016                                 224
    NVALUE     .10                                                                   225
    SEGMENT    1          2          C          1059                                 226
```

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NVALUE	.065						227
SEGMENT	1	3	D	1260			228
NVALUE	.10						229
SECTION	27						230
	2200	1010	2225	1001.2	2365	984.5	231
	2865	985.1	2870	977.5	2915	976.6	232
	2930	985	2955	998.7	3000	1009	233
ENDTABLE							234
SEGMENT	27	1	D	2865			235
NVALUE	.09						236
SEGMENT	27	2	C	2930			237
NVALUE	.065						238
SEGMENT	27	3	D	3000			239
NVALUE	.09						240
SECTION	2						250
	12	1005.6	15	993.5	35	986.5	251
	60	986	160	986	285	986.5	252
	450	987	650	987	705	988	253
	1020	987	1100	989	1105	981	254
	1110	979.3	1128	978	1140	980.8	255
	1148	988	1165	988	1295	984.8	256
	1390	984	1465	984.5	1478	988.2	257
	1500	1000					258
ENDTABLE							259
SEGMENT	2	1	D	1100			260
NVALUE	.08						261
SEGMENT	2	2	C	1148			262
NVALUE	.065						263
SEGMENT	2	3	D	1500			264
NVALUE	.08						265
SECTION	28						266
	-50	1020	0	1007.9	550	1003.4	267
	575	991.1	590	992.8	615	982.8	268
	670	981.3	680	992.8	720	998.9	269
	760	1002.4	865	1005.2	905	1007.9	270
	1025	1020					271
ENDTABLE							272
SEGMENT	28	1	D	590			273
NVALUE	.08						274
SEGMENT	28	2	C	680			275
NVALUE	.065						276
SEGMENT	28	3	D	1025			277
NVALUE	.08						278
SECTION	SR2258						279
	0	1010	260	1004.2	600	1003.9	280

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```
                600         1001.5      620         993.2       637         993.4       281
                656         981         713         981.2       732         995.2       282
                750         1001.1      750         1003.5      1040        1010.1      283
    ENDTABLE                                                                            284
    BPR         SR225B      A           3           3                                   285
    PIER        993.4       2           981         4           995.2       1           286
    GIRDER      1001.6      1001.1      0           .6          2.7                     287
                600         1003.9      600         1001.5      750         1001.1      288
                750         1003.5                                                      288A
    ENDTABLE                                                                            289
    SECTION     30                                                                      290
                -15         1020        0           1007.8      5           1003.5      291
                45          1003.5      75          991.5       120         992.9       292
                130         983.8       165         984         175         989.9       293
                215         1000.6      335         1004.4      350         1000.6      294
                425         1007.8      555         1020                                295
    ENDTABLE                                                                            296
    SEGMENT     30          1           D           120                                 297
    NVALUE      .08                                                                     298
    SEGMENT     30          2           C           175                                 299
    NVALUE      .065                                                                    300
    SEGMENT     30          3           D           555                                 301
    NVALUE      .08                                                                     302
    SECTION     74                                                                      302A
                -10         1020        0           1007.7      70          995.8       303
                300         993.4       415         994.3       425         984.3       304
                466         984.6       475         994.6       765         992.2       305
                805         1007.1      838         1020                                306
    ENDTABLE                                                                            307
    SEGMENT     74          1           D           415                                 308
    NVALUE      .07                                                                     309
    SEGMENT     74          2           C           475                                 310
    NVALUE      .065                                                                    311
    SEGMENT     74          3           D           838                                 312
    NVALUE      .07                                                                     313
    SECTION     US601                                                                   314
                0           1023.6      390         1012.7      390         1007.6      315
                405         996.8       450         990.9       456         984.6       316
                503         984.4       510         989         554         988         317
                569         1003.4      569         1010.1      1650        1023.6      318
    ENDTABLE                                                                            319
    BPR         US601       A           3           4                                   320
    PIER        990.8       2           989         2                                   321
    GIRDER      1008.3      1005.6      0           .6          2.7                     322
                390         1012.7      390         1008.2      569         1005.6      323
```

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	569	1010.1					324
ENDTABLE							325
SECTION	76						326
	10	1020	0	1007.4	170	995.5	327
	410	993.9	775	995.8	780	987.7	328
	830	987.6	840	995.6	1430	992.6	329
	1460	1002.6	1500	1020			330
ENDTABLE							331
SEGMENT	76	1	D	775			332
NVALUE	.07						333
SEGMENT	76	2	C	840			334
NVALUE	.065						335
SEGMENT	76	3	D	1500			336
NVALUE	.07						337
SECTION	3						338
	55	1020	130	1012.2	210	1008.2	339
	300	1001	340	1005	450	996.2	340
	550	994.5	670	994.8	810	993.9	350
	910	993.8	1042	996.4	1050	994	351
	1060	994	1065	991	1070	988	352
	1110	988.5	1112	989	1116	994.5	353
	1135	995	1170	994	1220	996	354
	1270	1008.5	1330	1020			355
ENDTABLE							356
SEGMENT	3	1	D	1060			357
NVALUE	.07						358
SEGMENT	3	2	C	1116			359
NVALUE	.06						360
SEGMENT	3	3	D	1330			361
NVALUE	.07						362
SECTION	4						363
	0	1020	90	1007.2	190	999.5	364
	250	998.8	305	999.5	365	997.3	365
	600	1000	850	998	1100	998	366
	1180	996.5	1250	997.9	1405	998.5	367
	1440	998.5	1450	993.2	1460	992.5	368
	1498	998.9	1510	999.4	1550	998.5	369
	1620	998.5	1775	997	1800	1010.5	370
	1830	1020					371
ENDTABLE							372
SEGMENT	4	1	D	1440			373
NVALUE	.07						374
SEGMENT	4	2	C	1498			375
NVALUE	.06						376
SEGMENT	4	3	D	1830			377

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-------------------------------80/80 LIST OF INPUT DATA---------------------------------------
NVALUE      .07                                                                         378
SECTION     31                                                                          379
            0          1019.8     65         1005.5     1025       1002.7               380
            1110       1003.6     1125       996.3      1170       995.3                381
            1175       1005.9     1200       1002.5     1475       1004.6               382
            1520       1019.6                                                           383
ENDTABLE                                                                                384
SEGMENT     31         1          D          1110                                       385
NVALUE      .07                                                                         386
SEGMENT     31         2          C          1175                                       387
NVALUE      .06                                                                         388
SEGMENT     31         3          D          1520                                       389
NVALUE      .07                                                                         390
SECTION     32                                                                          391
            0          1019.5     20         1015.1     40         1006                 392
            100        1004.7     1030       1006.2     1035       995.7                393
            1080       997.3      1090       1005.6     1295       1009.5               394
            1310       1024.5                                                           395
ENDTABLE                                                                                396
SEGMENT     32         1          D          1030                                       397
NVALUE      .07                                                                         398
SEGMENT     32         2          C          1090                                       399
NVALUE      .06                                                                         400
SEGMENT     32         3          D          1310                                       401
NVALUE      .07                                                                         402
SECTION     5                                                                           403
            0          1024.2     365        1018.3     580        1015.7               404
            590        1017.2     665        1017.5     760        1013.5               405
            925        1011.5     980        1007.8     1140       1008.8               406
            1310       1008.5     1470       1009       1690       1008.5               407
            1700       1011.5     1760       1000       1785       1010.5               408
            1820       1024                                                             409
ENDTABLE                                                                                410
SEGMENT     5          1          D          1700                                       420
NVALUE      .065                                                                        420A
SEGMENT     5          2          C          1785                                       421
NVALUE      .06                                                                         422
SEGMENT     5          3          D          1820                                       423
NVALUE      .07                                                                         424
SECTION     33                                                                          425
            0          1030       60         1023       560        1008.8               426
            605        1008.2     710        1010.3     730        1003.1               427
            760        1000.8     780        1018       790        1018.7               428
            800        1023       815        1030                                       429
ENDTABLE                                                                                430
```

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SEGMENT	33	1	D	710				431
NVALUE	.065							432
SEGMENT	33	2	C	780				433
NVALUE	.06							434
SEGMENT	33	3	D	815				435
NVALUE	.07							436
SECTION	6							437
	70	1030	90	1022.5	380	1016		438
	490	1016	715	1016	985	1014.2		439
	1035	1015.1	1050	1018.5	1055	1008.5		440
	1060	1005.5	1100	1005	1110	1007.5		441
	1115	1014.5	1120	1016	1215	1014.5		442
	1470	1014.5	1980	1014.5	2080	1016.8		443
	2280	1017	2370	1024	2400	1030		444
ENDTABLE								445
SEGMENT	6	1	D	1050				446
NVALUE	.065							447
SEGMENT	6	2	C	1115				448
NVALUE	.06							449
SEGMENT	6	3	D	2400				450
NVALUE	.065							451
SECTION	34							452
	0	1045	10	1042.1	60	1025.9		453
	360	1025.9	605	1021.6	740	1022.6		454
	755	1014.8	800	1014.2	810	1023.2		455
	880	1023.2	900	1030.6	940	1045.6		456
ENDTABLE								457
SEGMENT	34	1	D	740				458
NVALUE	.065							459
SEGMENT	34	2	C	810				460
NVALUE	.06							461
SEGMENT	34	3	D	940				462
NVALUE	.065							463
SECTION	7							464
	170	1043.5	240	1038.5	320	1036.5		465
	495	1029.5	740	1028.5	1070	1028		466
	1230	1030	1350	1029.5	1400	1025		467
	1480	1026.5	1590	1029	1600	1017		468
	1650	1016	1654	1027.5	1690	1028.6		469
	1850	1025	2060	1025	2250	1029.5		470
	2310	1033.5	2350	1038	2400	1051.5		480
ENDTABLE								490
SEGMENT	7	1	D	1590				491
NVALUE	.065							492
SEGMENT	7	2	C	1654				493

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NVALUE	.06						494
SEGMENT	7	3	D	2400			495
NVALUE	.065						496
SECTION	35						497
	-10	1050	0	1045.8	5	1041.2	498
	35	1041.7	80	1026.4	95	1028.4	499
	115	1020.4	155	1020.3	165	1031.3	500
	205	1042.5	335	1045.8	350	1050	501
ENDTABLE							502
SEGMENT	35	1	D	95			503
NVALUE	.08						504
SEGMENT	35	2	C	165			505
NVALUE	.07						506
SEGMENT	35	3	D	350			507
NVALUE	.08						508
SECTION	SR1350						509
	0	1050	205	1042.7	205	1039	510
	225	1026.4	255	1026.4	260	1020.8	511
	310	1020.2	360	1039	360	1042.7	512
	500	1044.6	670	1054			513
ENDTABLE							514
BPR	SR1350	A	3	4			515
PIER	1026.4	2	1020.2	2.			516
GIRDER	1039.8	1039.7	0	.6	2.7		517
	205	1042.7	205	1039.7	360	1039.7	518
	360	1042.7					519
ENDTABLE							520
SECTION	37						521
	-100	1050	0	1040	50	1036.9	522
	200	1036	380	1029.7	460	1028.3	523
	470	1021.3	515	1021.2	525	1032.5	524
	530	1032.5	615	1038.8	650	1040.8	525
	655	1043.4	670	1050			526
ENDTABLE							527
SEGMENT	37	1	D	460			528
NVALUE	.08						529
SEGMENT	37	2	C	525			530
NVALUE	.07						531
SEGMENT	37	3	D	670			532
NVALUE	.08						533
SECTION	38						534
	-10	1055	0	1053.5	5	1048.7	535
	80	1040.4	130	1041.5	150	1029.1	536
	185	1028	215	1053.5	216	1055	537
ENDTABLE							538

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```
----------MAX ELEV DIFFERENCE BETWEEN POINTS ON SECTION 38 EXCEEDS 20. FEET----------
SEGMENT   38          1         D         130
NVALUE    .08
SEGMENT   38          2         C         216
NVALUE    .07
SECTION   8
              0       1055      12        1049.5    30        1045.5
              62      1042.8    82        1044      94        1043
              98      1033.8    110       1032      122       1031.8
              140     1034.5    146       1044.5    245       1041.8
              295     1042.5    485       1043.5    762       1043.5
              1158    1043.8    1260      1042.5    1340      1043.2
              1380    1047      1400      1055
ENDTABLE
SEGMENT   8           1         D         94
NVALUE    .08
SEGMENT   8           2         C         146
NVALUE    .065
SEGMENT   8           3         D         1400
NVALUE    .08
SECTION   39
              0       1070      35        1058.3    195       1044.9
              660     1047      665       1038.8    715       1037.9
              720     1042.6    740       1046.8    840       1046.8
              860     1057.6    900       1076.2
ENDTABLE
SEGMENT   39          1         D         660
NVALUE    .07
SEGMENT   39          2         C         720
NVALUE    .065
SEGMENT   39          3         D         900
NVALUE    .07
SECTION   40
              0       1070      15        1060.8    100       1045.5
              550     1047.7    560       1038.7    605       1039.7
              615     1044.8    655       1047.6    745       1047.8
              765     1053.6    800       1072.3
ENDTABLE
SEGMENT   40          1         D         550
NVALUE    .07
SEGMENT   40          2         C         615
NVALUE    .065
SEGMENT   40          3         D         800
NVALUE    .07
SECTION   41
              -50     1070      0         1060.3    50        1050.4
```

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```
                90          1047.9      110         1041.2      170         1040.2      585
                175         1047.3      200         1055.2      250         1058.5      586
                420         1070                                                        586A
    ENDTABLE                                                                            587
    SEGMENT     41          1           D           90                                  588
    NVALUE      .06                                                                     589
    SEGMENT     41          2           C           175                                 590
    NVALUE      .05                                                                     591
    SEGMENT     41          3           D           420                                 592
    NVALUE      .07                                                                     593
    SECTION     NC89                                                                    594
                0           1072.6      410         1061.1      570         1061.4      595
                570         1045.5      616         1046        623         1039.3      596
                664         1040.1      709         1046        709         1061.3      597
                1130        1072.6                                                      597A
    ENDTABLE                                                                            598
    BPR         NC89        A           3           3                                   599
    PIER        1046        2           1040.1      2                                   600
    GIRDER      1057.6      1057.4      10          .6          2.7                     601
                570         1061.4      570         1057.5      709         1057.4      602
                709         1031.3                                                      603
    ENDTABLE                                                                            604
    SECTION     45                                                                      605
                0           1063.1      40          1061.7      60          1061.9      606
                70          1059.9      80          1053.7      165         1050.5      607
                235         1050.1      310         1048.4      313         1040.6      608
                365         1040.6      370         1042.8      450         1048.5      609
                560         1050.1      605         1067.1                              610
    ENDTABLE                                                                            611
    SEGMENT     43          1           D           310                                 612
    NVALUE      .08                                                                     613
    SEGMENT     43          2           C           370                                 614
    NVALUE      .05                                                                     615
    SEGMENT     43          3           D           605                                 616
    NVALUE      .08                                                                     617
    COMPUTE     155         43          155                                             618
```

END OF 80/80 LIST

STARTING DATA FROM GIVEN ELEVATION

RATING TABLE FOR SECTION 155 DA= 187.8

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	961.1	0.0	0.0						
1	964.6	233.4	371.4	.00	.00	.00	1.98	962.8	.00096
2	964.8	249.7	521.4	.00	.00	.00	2.78	963.1	.00154
3	965.1	276.9	733.4	.00	.00	.00	3.91	963.4	.00224
4	965.4	315.3	1031.6	.00	.00	.00	5.50	963.7	.00301
5	965.9	373.5	1449.9	.00	.00	.00	7.73	964.1	.00360
BANK FULL	966.2	406.4	1687.2	.00	.00	.00			
ZERO DAMG	966.2	406.4	1687.2	.00	.00	.00			
6	966.6	455.3	2038.9	.00	.00	.00	10.87	964.6	.00392
7	967.4	572.4	2866.1	.00	.00	.00	15.28	965.3	.00411
8	968.4	749.7	4029.0	.00	.00	.00	21.48	966.1	.00412
9	969.7	1030.5	5664.6	.00	.00	.00	30.20	967.1	.00388
10	971.3	1469.3	7966.1	.00	.00	.00	42.47	968.2	.00339
11	973.3	2081.1	11201.7	.00	.00	.00	59.72	969.4	.00287
12	975.8	2909.2	15748.4	.00	.00	.00	83.96	970.7	.00244
13	978.8	4042.7	22144.5	.00	.00	.00	118.06	971.9	.00210
14	982.4	5577.5	31136.6	.00	.00	.00	166.00	973.5	.00183
15	986.3	7457.1	37514.0	.00	.00	.00	200.00	974.4	.00128

SEGMENT TABLE FOR SECTION 155

CSM		TOTAL	SEG NO 1 D	SEG NO 2 C	SEG NO 3 D
1	DISCHARGE CFS	371.	0.	371.	0.
2.	VELOCITY FPS	1.60	.00	1.59	.00
2	DISCHARGE CFS	521.	0.	521.	0.
3.	VELOCITY FPS	2.09	.00	2.09	.00
3	DISCHARGE CFS	733.	0.	733.	0.
4.	VELOCITY FPS	2.66	.00	2.65	.00
4	DISCHARGE CFS	1032.	0.	1032.	0.
5.	VELOCITY FPS	3.28	.00	3.27	.00
5	DISCHARGE CFS	1450.	0.	1450.	0.
8.	VELOCITY FPS	3.89	.00	3.88	.00
6	DISCHARGE CFS	2039.	1.	2038.	0.
11.	VELOCITY FPS	4.52	.37	4.51	.00
7	DISCHARGE CFS	2866.	17.	2849.	0.
15.	VELOCITY FPS	5.19	.71	5.20	.00
8	DISCHARGE CFS	4029.	84.	3945.	0.
21.	VELOCITY FPS	5.85	1.04	5.90	.00
9	DISCHARGE CFS	5665.	273.	5386.	6.
30.	VELOCITY FPS	6.41	1.37	6.55	.73
10	DISCHARGE CFS	7966.	731.	7188.	46.
42.	VELOCITY FPS	6.74	1.79	7.06	1.08
11	DISCHARGE CFS	11202.	1565.	9454.	182.
60.	VELOCITY FPS	6.95	2.26	7.49	1.42
12	DISCHARGE CFS	15748.	2816.	12424.	509.
84.	VELOCITY FPS	7.18	2.67	7.97	1.73
13	DISCHARGE CFS	22145.	4625.	16323.	1196.
118.	VELOCITY FPS	7.44	3.03	8.49	2.02
14	DISCHARGE CFS	31137.	7171.	21468.	2497.
166.	VELOCITY FPS	7.76	3.37	9.09	2.30
15	DISCHARGE CFS	37514.	9136.	24332.	4046.
200.	VELOCITY FPS	7.14	3.23	8.59	2.26
1	ELEV 964.5 KD	12009.	1.	12007.	1.
2	ELEV 964.8 KD	13290.	1.	13288.	1.
3	ELEV 965.1 KD	15487.	1.	15485.	1.
4	ELEV 965.4 KD	18812.	1.	18810.	1.
5	ELEV 965.9 KD	24163.	1.	24160.	1.
6	ELEV 966.6 KD	32548.	16.	32531.	1.
7	ELEV 967.4 KD	44680.	231.	44448.	1.
8	ELEV 968.4 KD	62724.	1245.	61477.	1.
9	ELEV 969.7 KD	90722.	4147.	86525.	49.
10	ELEV 971.3 KD	136734.	12361.	123629.	743.
11	ELEV 973.3 KD	209019.	29040.	176673.	3306.
12	ELEV 975.8 KD	318464.	56809.	251495.	10160.
13	ELEV 978.8 KD	483545.	100837.	356845.	25864.
14	ELEV 982.4 KD	728225.	167660.	502374.	58191.
15	ELEV 986.3 KD	1048782.	255356.	680637.	112789.

KD TABLE FOR CROSS SECTION 155

ELEVATION	AREA	KD	KD-BY-SEGMENT		
961.10	0.				
962.	19.	325.	1.	323.	1.
963.	83.	2445.	1.	2443.	1.
964.	172.	7537.	1.	7535.	1.
965.	272.	15050.	1.	15048.	1.
966.	382.	24975.	2.	24970.	1.
967.	512.	38278.	64.	38163.	1.
968.	673.	54837.	685.	54075.	1.
969.	868.	74820.	2321.	72450.	6.
970.	1105.	98708.	5260.	93254.	119.
971.	1380.	127167.	10388.	116145.	537.
972.	1672.	159934.	17424.	141000.	1376.
973.	1979.	196615.	26054.	167745.	2749.
974.	2302.	237073.	35896.	196281.	4730.
975.	2638.	281360.	47115.	226613.	7453.
976.	2988.	329459.	59624.	258678.	11000.
977.	3352.	381364.	73375.	292425.	15454.
978.	3731.	437082.	88330.	327812.	20892.
979.	4126.	496560.	104345.	364751.	27330.
980.	4535.	559906.	121556.	403264.	34905.
981.	4957.	627141.	139973.	443344.	43712.
982.	5392.	698182.	159457.	484926.	53751.
983.	5847.	772869.	179795.	527937.	64986.
984.	6316.	851556.	201295.	572424.	77658.
985.	6797.	934310.	224001.	618376.	91881.
986.	7300.	1021167.	247727.	665668.	107563.
987.	7814.	1112193.	272702.	714403.	124965.
988.	8344.	1207427.	298789.	764481.	144025.
989.	8893.	1306939.	326018.	815896.	164819.
990.	9450.	1411467.	354742.	868687.	187940.
991.	10020.	1527362.	387065.	922724.	217101.
992.	10590.	1646678.	420298.	978031.	247809.
993.	11160.	1767509.	453139.	1034373.	277055.
994.	11730.	1892840.	487413.	1092071.	308687.
995.	12300.	2022904.	523136.	1151114.	342819.

RATING TABLE FOR SECTION 165 DA= 107.5

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	962.3	0.0	0.0						
1	965.3	304.6	371.3	.00	.00	.00	1.98	963.2	.00047
2	965.6	345.0	521.4	.00	.00	.00	2.78	963.4	.00062
3	966.1	396.6	733.3	.00	.00	.00	3.91	963.7	.00078
4	966.7	471.1	1031.5	.00	.00	.00	5.50	963.9	.00089
5	967.4	557.4	1449.7	.00	.00	.00	7.73	964.3	.00102
6	968.3	663.2	2038.5	.00	.00	.00	10.87	964.7	.00116
7	969.4	790.3	2865.6	.00	.00	.00	15.28	965.3	.00131
8	970.6	944.8	4028.3	.00	.00	.00	21.48	966.0	.00148
BANK FULL	971.2	1014.0	4641.2	.00	.00	.00			
ZERO DAMG	971.2	1014.0	4641.2	.00	.00	.00			
9	972.1	1148.4	5663.7	.00	.00	.00	30.20	966.8	.00165
10	973.8	1447.2	7964.8	.00	.00	.00	42.47	967.9	.00181
11	975.9	1867.7	11199.8	.00	.00	.00	59.72	969.3	.00191
12	978.3	2406.2	15745.7	.00	.00	.00	83.96	971.0	.00199
13	981.3	3102.3	22140.8	.00	.00	.00	118.06	973.7	.00205
14	984.6	4005.4	31131.4	.00	.00	.00	166.00	975.8	.00212
15	988.1	4978.9	37507.7	.00	.00	.00	200.00	977.1	.00181

SEGMENT TABLE FOR SECTION 165

CSM			TOTAL	SEG NO 1 D	SEG NO 2 C	SEG NO 3 D
1		DISCHARGE CFS	371.	0.	371.	0.
	2.	VELOCITY FPS	1.22	.00	1.22	.00
2		DISCHARGE CFS	521.	0.	521.	0.
	3.	VELOCITY FPS	1.51	.00	1.51	.00
3		DISCHARGE CFS	733.	0.	733.	0.
	4.	VELOCITY FPS	1.85	.00	1.85	.00
4		DISCHARGE CFS	1031.	0.	1031.	0.
	6.	VELOCITY FPS	2.19	.00	2.19	.00
5		DISCHARGE CFS	1450.	0.	1450.	0.
	8.	VELOCITY FPS	2.60	.00	2.60	.00
6		DISCHARGE CFS	2039.	0.	2039.	0.
	11.	VELOCITY FPS	3.08	.00	3.07	.00
7		DISCHARGE CFS	2866.	0.	2866.	0.
	15.	VELOCITY FPS	3.63	.00	3.63	.00
8		DISCHARGE CFS	4028.	0.	4028.	0.
	21.	VELOCITY FPS	4.27	.00	4.26	.00
9		DISCHARGE CFS	5664.	0.	5656.	7.
	30.	VELOCITY FPS	5.01	.00	5.01	.40
10		DISCHARGE CFS	7965.	9.	7868.	88.
	42.	VELOCITY FPS	5.83	.55	5.86	1.00
11		DISCHARGE CFS	11200.	90.	10821.	289.
	60.	VELOCITY FPS	6.67	1.16	6.77	1.51
12		DISCHARGE CFS	15746.	287.	14788.	671.
	84.	VELOCITY FPS	7.55	1.74	7.77	1.99
13		DISCHARGE CFS	22141.	654.	20139.	1348.
	118.	VELOCITY FPS	8.49	2.30	8.86	2.47
14		DISCHARGE CFS	31131.	1232.	27475.	2425.
	166.	VELOCITY FPS	9.58	2.72	10.14	2.88
15		DISCHARGE CFS	37508.	1837.	32146.	3524.
	200.	VELOCITY FPS	9.60	2.80	10.29	2.94
1	ELEV	965.3 KD	17112.	1.	17110.	1.
2	ELEV	965.6 KD	20935.	1.	20933.	1.
3	ELEV	966.1 KD	26257.	1.	26255.	1.
4	ELEV	966.7 KD	34652.	1.	34651.	1.
5	ELEV	967.4 KD	45386.	1.	45384.	1.
6	ELEV	968.3 KD	59890.	1.	59888.	1.
7	ELEV	969.4 KD	79070.	1.	79068.	1.
8	ELEV	970.6 KD	104689.	1.	104687.	1.
9	ELEV	972.1 KD	139426.	1.	139322.	104.
10	ELEV	973.8 KD	187111.	110.	185074.	1928.
11	ELEV	975.9 KD	255974.	1937.	247574.	6463.
12	ELEV	978.3 KD	352782.	6340.	331533.	14910.
13	ELEV	981.3 KD	489243.	14341.	445284.	29618.
14	ELEV	984.8 KD	676130.	26737.	596763.	52630.
15	ELEV	988.1 KD	882604.	43181.	756582.	82841.

KD TABLE FOR CROSS-SECTION 165

ELEVATION	AREA	KD	KD-BY-SEGMENT		
962.30	0.				
963.	50.	854.	1.	852.	1.
964.	162.	6050.	1.	6048.	1.
965.	275.	14459.	1.	14457.	1.
966.	390.	25533.	1.	25531.	1.
967.	506.	38930.	1.	38927.	1.
968.	625.	54453.	1.	54451.	1.
969.	745.	71951.	1.	71949.	1.
970.	866.	91319.	1.	91317.	1.
971.	989.	112519.	1.	112516.	2.
972.	1129.	136172.	1.	136022.	56.
973.	1292.	162785.	10.	161872.	741.
974.	1480.	192474.	171.	189901.	2216.
975.	1683.	225130.	856.	219800.	4208.
976.	1893.	260502.	2091.	251437.	6789.
977.	2109.	298490.	3698.	284757.	9924.
978.	2331.	339034.	5661.	319718.	13618.
979.	2559.	382091.	7936.	356269.	17845.
980.	2795.	427627.	10510.	394369.	22608.
981.	3035.	475628.	13469.	434021.	28018.
982.	3280.	526004.	16762.	475193.	34028.
983.	3534.	578083.	20041.	517819.	40163.
984.	3798.	632603.	23674.	561902.	46941.
985.	4071.	689653.	27713.	607425.	54441.
986.	4355.	749401.	32216.	654350.	62756.
987.	4650.	811900.	37200.	702657.	71914.
988.	4952.	877038.	42697.	752351.	81958.
989.	5269.	945107.	48709.	803366.	92909.
990.	5592.	1017265.	55669.	855727.	105668.
991.	5921.	1093771.	63741.	909413.	120559.
992.	6251.	1172132.	71376.	964233.	134948.
993.	6581.	1253122.	79473.	1020355.	150253.
994.	6911.	1336840.	88185.	1077784.	166719.
995.	7241.	1423288.	97536.	1136512.	184392.

RATING TABLE FOR SECTION 145 DA= 107.2

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	958.7	0.0	0.0						
1	965.3	751.4	371.0	.00	.00	.00	1.98	959.6	.00003
2	965.7	800.8	521.0	.00	.00	.00	2.78	959.8	.00004
3	966.2	865.5	732.7	.00	.00	.00	3.91	960.0	.00007
4	967.0	957.5	1030.7	.00	.00	.00	5.50	960.3	.00010
5	967.8	1065.6	1448.5	.00	.00	.00	7.73	960.7	.00014
6	968.8	1200.5	2037.0	.00	.00	.00	10.87	961.1	.00019
7	970.0	1365.1	2863.4	.00	.00	.00	15.28	961.7	.00025
8	971.5	1567.0	4025.2	.00	.00	.00	21.48	962.4	.00032
BANK FULL	972.0	1639.5	4516.2	.00	.00	.00			
ZERO DAMG	972.0	1639.5	4516.2	.00	.00	.00			
9	973.2	1811.7	5659.3	.00	.00	.00	30.20	963.2	.00041
10	975.2	2178.9	7958.6	.00	.00	.00	42.47	964.3	.00051
11	977.4	3862.5	11191.1	.00	.00	.00	59.72	965.6	.00054
12	980.0	6072.1	15733.5	.00	.00	.00	83.96	967.3	.00050
13	983.1	8820.8	22123.6	.00	.00	.00	118.06	969.3	.00045
14	986.8	12232.2	31107.2	.00	.00	.00	166.00	971.8	.00040
15	990.0	15262.1	37478.5	.00	.00	.00	200.00	973.5	.00033

MT AIRY FIS -.5 ft

		Prof.
10 YR	979.	11.6
50	983	13
100	985	13.5
500	990	15

SEGMENT TABLE FOR SECTION 145

CSN		TOTAL	SEG NO 1 B	SEG NO 2 C	SEG NO 3 D
1	DISCHARGE CFS	371.	0.	371.	0.
2.	VELOCITY FPS	.49	.00	.49	.00
2	DISCHARGE CFS	521.	0.	521.	0.
3.	VELOCITY FPS	.65	.00	.65	.00
3	DISCHARGE CFS	733.	0.	733.	0.
4.	VELOCITY FPS	.85	.00	.85	.00
4	DISCHARGE CFS	1031.	0.	1031.	0.
6.	VELOCITY FPS	1.08	.00	1.08	.00
5	DISCHARGE CFS	1449.	0.	1449.	0.
8.	VELOCITY FPS	1.36	.00	1.36	.00
6	DISCHARGE CFS	2037.	0.	2037.	0.
11.	VELOCITY FPS	1.70	.00	1.70	.00
7	DISCHARGE CFS	2863.	0.	2863.	0.
15.	VELOCITY FPS	2.10	.00	2.10	.00
8	DISCHARGE CFS	4025.	0.	4025.	0.
21.	VELOCITY FPS	2.57	.00	2.57	.00
9	DISCHARGE CFS	5659.	0.	5659.	0.
30.	VELOCITY FPS	3.13	.00	3.13	.22
10	DISCHARGE CFS	7959.	9.	7946.	4.
43.	VELOCITY FPS	3.80	.11	3.80	.42
11	DISCHARGE CFS	11191.	828.	10348.	15.
60.	VELOCITY FPS	4.14	.58	4.28	.61
12	DISCHARGE CFS	15733.	2958.	12736.	40.
84.	VELOCITY FPS	4.14	.92	4.57	.76
13	DISCHARGE CFS	22124.	6590.	15443.	91.
118.	VELOCITY FPS	4.05	1.20	4.77	.89
14	DISCHARGE CFS	31107.	12069.	18855.	183.
166.	VELOCITY FPS	4.01	1.46	5.00	1.01
15	DISCHARGE CFS	37479.	16613.	20592.	274.
200.	VELOCITY FPS	3.76	1.55	4.86	1.00
1	ELEV 965.3 KD	71964.	1.	71962.	1.
2	ELEV 965.7 KD	79536.	1.	79534.	1.
2	ELEV 966.2 KD	89804.	1.	89802.	1.
4	ELEV 967.0 KD	105095.	1.	105093.	1.
5	ELEV 967.8 KD	124058.	1.	124056.	1.
6	ELEV 968.8 KD	149046.	1.	149044.	1.
7	ELEV 970.0 KD	181360.	1.	181357.	1.
8	ELEV 971.5 KD	223558.	1.	223556.	1.
9	ELEV 973.2 KD	280100.	1.	280089.	11.
10	ELEV 975.2 KD	352563.	98.	352320.	145.
11	ELEV 977.4 KD	479663.	31428.	447615.	620.
12	ELEV 980.0 KD	699382.	129866.	567956.	1761.
13	ELEV 983.1 KD	1040711.	308371.	728114.	4226.
14	ELEV 986.8 KD	1548998.	599254.	940665.	9079.
15	ELEV 990.0 KD	2073546.	917474.	1141014.	15058.

KD-TABLE FOR CROSS SECTION 145

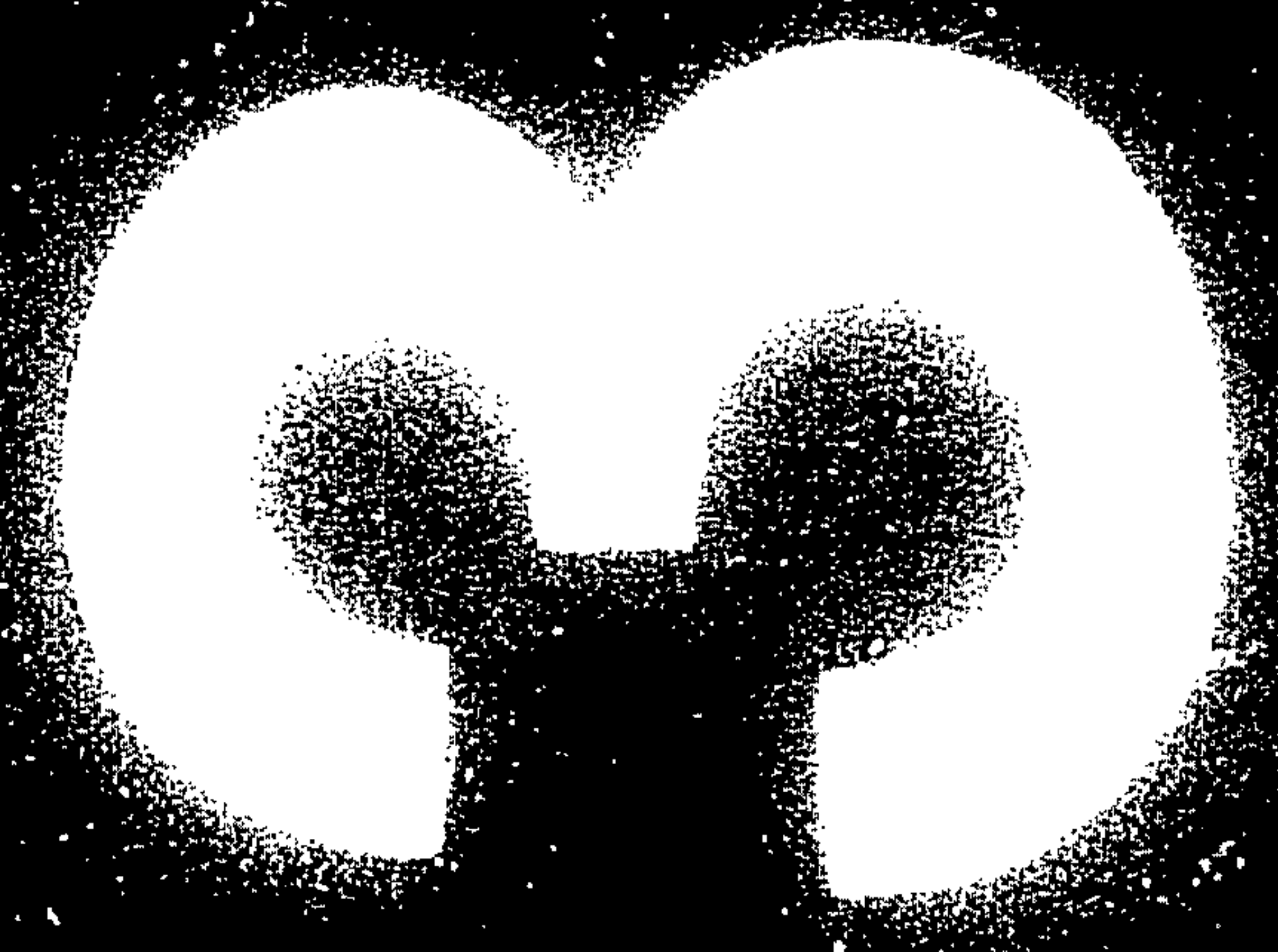
ELEVATION	AREA	KD	KD-BY-SEGMENT		
958.70	0.				
959.	11.	86.	1.	83.	1.
960.	117.	3537.	1.	3535.	1.
961.	231.	10810.	1.	10808.	1.
962.	347.	20959.	1.	20957.	1.
963.	465.	33646.	1.	33644.	1.
964.	586.	48623.	1.	48621.	1.
965.	710.	65768.	1.	65766.	1.
966.	835.	84953.	1.	84952.	1.
967.	963.	106097.	1.	106095.	1.
968.	1094.	129141.	1.	129139.	1.
969.	1227.	154031.	1.	154029.	1.
970.	1362.	180726.	1.	180724.	1.
971.	1500.	209193.	1.	209190.	1.
972.	1640.	239542.	1.	239539.	1.
973.	1782.	273023.	1.	273014.	8.
974.	1928.	308431.	1.	308380.	40.
975.	2140.	346508.	42.	346057.	125.
976.	2679.	394125.	2108.	386523.	274.
977.	3517.	453950.	22888.	429708.	509.
978.	4371.	527814.	49534.	474617.	823.
979.	5234.	611319.	86226.	521309.	1242.
980.	6105.	704255.	131517.	569781.	1782.
981.	6984.	806333.	183401.	619958.	2446.
982.	7876.	916478.	239726.	671740.	3228.
983.	8773.	1035176.	304957.	725253.	4174.
984.	9680.	1161627.	375133.	780364.	5265.
985.	10598.	1295505.	450889.	837059.	6515.
986.	11521.	1437627.	534082.	895399.	7948.
987.	12456.	1586577.	621127.	955221.	9463.
988.	13400.	1743777.	715316.	1016614.	11111.
989.	14349.	1909193.	816230.	1079542.	12877.
990.	15305.	2082236.	922351.	1143939.	15174.
991.	16264.	2263904.	1035887.	1209884.	17950.
992.	17224.	2444288.	1143188.	1276862.	20468.
993.	18184.	2631796.	1256013.	1345336.	23167.
994.	19144.	2827668.	1376241.	1415352.	26130.
995.	20104.	3032032.	1504132.	1486905.	29373.

RATING TABLE FOR SECTION 23 DA= 76.2

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	964.0	0.0	0.0						
1	967.0	156.5	226.9	.00	.77	.00	1.98	964.9	.00108
2	967.6	192.6	318.5	.00	.79	.00	2.78	965.1	.00111
3	968.2	227.9	448.0	.00	.81	.00	3.91	965.4	.00130
4	969.2	283.2	630.2	.00	.83	.00	5.50	965.7	.00132
5	970.2	345.8	885.7	.00	.86	.00	7.73	966.1	.00143
6	971.3	417.9	1245.5	.00	.90	.00	10.87	966.7	.00160
7	972.8	517.7	1750.8	.00	.94	.00	15.28	967.3	.00167
8	974.5	632.9	2461.2	.00	.99	.00	21.48	968.1	.00183
9	976.4	774.6	3460.3	.00	1.04	.00	30.20	969.1	.00202
ZERO DAMG	977.2	836.2	3971.8	.00	1.06	.00			
BANK FULL	977.9	909.1	4413.0	.51	1.08	.00			
10	978.6	989.6	4866.3	.75	1.09	.00	42.47	970.4	.00218
11	980.9	1464.1	6842.8	2.79	1.10	.00	59.72	971.9	.00223
12	983.3	2159.4	9620.2	3.03	1.10	.00	83.96	973.8	.00212
13	986.0	3024.3	13527.4	3.31	1.10	.00	118.06	976.1	.00197
14	989.4	4154.4	19020.5	3.65	1.10	.00	166.00	980.9	.00178
15	992.2	5136.9	22916.2	3.92	1.10	.00	200.00	981.6	.00150

SEGMENT TABLE FOR SECTION 23

CSN			TOTAL	SEG-NO 1 D	2 C	3 D
1		DISCHARGE CFS	227.	0.	227.	0.
	3.	VELOCITY FPS	1.45	.00	1.45	.00
2		DISCHARGE CFS	319.	0.	319.	0.
	4.	VELOCITY FPS	1.65	.00	1.65	.00
3		DISCHARGE CFS	448.	0.	448.	0.
	6.	VELOCITY FPS	1.97	.00	1.97	.00
4		DISCHARGE CFS	630.	0.	630.	0.
	8.	VELOCITY FPS	2.23	.00	2.23	.00
5		DISCHARGE CFS	886.	0.	886.	0.
	12.	VELOCITY FPS	2.56	.00	2.56	.00
6		DISCHARGE CFS	1245.	0.	1245.	0.
	16.	VELOCITY FPS	2.98	.00	2.98	.00
7		DISCHARGE CFS	1751.	0.	1751.	0.
	23.	VELOCITY FPS	3.38	.00	3.38	.00
8		DISCHARGE CFS	2461.	0.	2461.	0.
	32.	VELOCITY FPS	3.89	.00	3.89	.00
9		DISCHARGE CFS	3460.	0.	3460.	0.
	45.	VELOCITY FPS	4.47	.00	4.47	.00
10		DISCHARGE CFS	4866.	31.	4835.	1.
	64.	VELOCITY FPS	5.09	.79	5.10	.21
11		DISCHARGE CFS	6843.	189.	6476.	177.
	90.	VELOCITY FPS	5.60	1.47	5.74	.85
12		DISCHARGE CFS	9620.	463.	8190.	967.
	126.	VELOCITY FPS	5.79	1.98	6.21	1.59
13		DISCHARGE CFS	13527.	885.	10246.	2396.
	177.	VELOCITY FPS	5.90	2.39	6.65	2.15
14		DISCHARGE CFS	19020.	1525.	12793.	1702.
	249.	VELOCITY FPS	5.99	2.75	7.06	2.63
15		DISCHARGE CFS	22916.	2043.	14221.	6652.
	301.	VELOCITY FPS	5.78	2.84	6.99	2.79
1	ELEV 967.0	KD	6901.	1.	6899.	1.
2	ELEV 967.6	KD	9551.	1.	9549.	1.
3	ELEV 968.2	KD	12409.	1.	12407.	1.
4	ELEV 969.2	KD	17317.	1.	17315.	1.
5	ELEV 970.2	KD	23456.	1.	23454.	1.
6	ELEV 971.3	KD	31182.	1.	31180.	1.
7	ELEV 972.8	KD	42838.	1.	42836.	1.
8	ELEV 974.5	KD	57482.	1.	57480.	1.
9	ELEV 976.4	KD	76973.	1.	76971.	1.
10	ELEV 978.6	KD	104068.	537.	103528.	2.
11	ELEV 980.9	KD	144821.	3971.	137284.	3566.
12	ELEV 983.3	KD	208314.	9932.	178101.	20281.
13	ELEV 986.0	KD	304441.	19842.	231117.	53482.
14	ELEV 989.4	KD	450102.	36060.	302976.	111066.
15	ELEV 992.2	KD	590698.	52590.	367057.	171051.



KD TABLE FOR CROSS-SECTION 23

ELEVATION	AREA	KD	KD BY SEGMENT		
964.00	0.				
965.	48.	1046.	1.	1044.	1.
966.	101.	3465.	1.	3463.	1.
967.	157.	6900.	1.	6898.	1.
968.	214.	11225.	1.	11223.	1.
969.	273.	16368.	1.	16366.	1.
970.	334.	22283.	1.	22281.	1.
971.	398.	28938.	1.	28936.	1.
972.	463.	36313.	1.	36311.	1.
973.	530.	44397.	1.	44395.	1.
974.	600.	53180.	1.	53178.	1.
975.	671.	62657.	1.	62655.	1.
976.	745.	72826.	1.	72824.	1.
977.	821.	83692.	1.	83689.	1.
978.	920.	95842.	58.	95579.	1.
979.	1039.	109858.	842.	108778.	8.
980.	1226.	126902.	2310.	123426.	233.
981.	1501.	148061.	4209.	139391.	4025.
982.	1789.	173102.	6493.	156111.	9901.
983.	2084.	201283.	9167.	173565.	17853.
984.	2306.	232422.	12099.	191979.	27943.
985.	2694.	266504.	15854.	210732.	39918.
986.	3012.	303256.	19679.	230334.	52911.
987.	3337.	342728.	23932.	250648.	67777.
988.	3666.	385055.	28660.	271689.	84707.
989.	4006.	429808.	33683.	293330.	102483.
990.	4352.	477357.	39186.	315874.	122300.
991.	4704.	527518.	45022.	338671.	143652.
992.	5065.	580126.	51297.	362284.	166317.
993.	5430.	635489.	57978.	386562.	190856.
994.	5806.	693236.	64982.	411431.	216601.
995.	6186.	753717.	72439.	436945.	244189.
996.	6574.	816720.	80276.	463059.	273235.
997.	6970.	882289.	88513.	489773.	303839.
998.	7371.	950563.	97191.	517102.	336193.
999.	7782.	1021253.	106228.	544989.	369870.
1000.	8196.	1094813.	115761.	573504.	405549.
1001.	8616.	1175551.	126312.	602537.	446414.
1002.	9036.	1259851.	137504.	632207.	490140.
1003.	9456.	1342135.	147816.	662225.	530983.
1004.	9876.	1427507.	158612.	692854.	574066.
1005.	10296.	1515996.	169899.	724092.	619451.
1006.	10716.	1607640.	181688.	755933.	667199.

RATING TABLE FOR SECTION 71 DA= 76.2

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	963.8	0.0	0.0						
1	967.7	157.3	226.8	.00	1.10	.00	1.98	965.4	.00097
2	968.4	192.8	318.5	.00	1.13	.00	2.78	965.6	.00102
3	969.1	231.3	447.9	.00	1.16	.00	3.91	965.9	.00116
4	970.0	284.7	630.1	.00	1.21	.00	5.50	966.2	.00122
5	971.1	349.6	885.5	.00	1.26	.00	7.73	966.7	.00130
6	972.4	426.1	1245.2	.00	1.32	.00	10.87	967.3	.00143
BANK FULL	973.0	464.7	1447.8	.00	1.34	.00			
ZERO DAMG	973.0	464.7	1447.8	.00	1.34	.00			
7	973.9	524.6	1750.4	.00	1.36	.00	15.28	968.0	.00151
8	975.6	647.0	2430.6	.00	1.40	.00	21.48	968.8	.00162
9	977.7	805.2	3459.6	.11	1.44	.00	30.20	969.9	.00174
10	980.0	1050.0	4865.1	1.04	1.48	.00	42.47	971.2	.00184
11	982.3	1383.0	6841.2	1.33	1.48	.00	59.22	972.8	.00197
12	984.7	1758.1	9618.0	1.54	1.48	.00	83.96	974.8	.00220
13	987.5	2221.2	13524.4	1.78	1.48	.00	118.06	977.2	.00244
14	990.8	2823.2	19016.1	2.07	1.48	.00	166.00	980.8	.00263
15	993.4	3326.4	22911.0	2.31	1.48	.00	200.00	982.0	.00253

SEGMENT TABLE FOR SECTION 71

CSM			TOTAL	SEG NO. 1 D	SEG NO. 2 C	SEG NO. 3 D
1		DISCHARGE CFS	227.	0	227.	0.
	3.	VELOCITY FPS	1.45	.00	1.44	.00
2		DISCHARGE CFS	318.	0.	318.	0.
	4.	VELOCITY FPS	1.65	.00	1.65	.00
3		DISCHARGE CFS	448.	0	448.	0.
	6.	VELOCITY FPS	1.94	.00	1.94	.00
4		DISCHARGE CFS	630.	0.	630.	0.
	8.	VELOCITY FPS	2.22	.00	2.21	.00
5		DISCHARGE CFS	886.	0	886.	0.
	12.	VELOCITY FPS	2.54	.00	2.53	.00
6		DISCHARGE CFS	1245.	0.	1245.	0.
	16.	VELOCITY FPS	2.93	.00	2.92	.00
7		DISCHARGE CFS	1750.	1.	1750.	0.
	23.	VELOCITY FPS	3.35	.39	3.34	.00
8		DISCHARGE CFS	2461.	8.	2453.	0.
	32.	VELOCITY FPS	3.85	.71	3.86	.00
9		DISCHARGE CFS	3460.	35.	3424.	0.
	45.	VELOCITY FPS	4.42	1.07	4.43	.00
10		DISCHARGE CFS	4865.	105.	4728.	33.
	64.	VELOCITY FPS	5.01	1.43	5.07	.74
11		DISCHARGE CFS	6841.	231.	6388.	222.
	90.	VELOCITY FPS	5.66	1.78	5.83	1.40
12		DISCHARGE CFS	9618.	451.	8578.	590.
	126.	VELOCITY FPS	6.45	2.19	6.78	2.05
13		DISCHARGE CFS	13524.	838.	11464.	1222.
	177.	VELOCITY FPS	7.32	2.66	7.85	2.74
14		DISCHARGE CFS	19016.	1509.	15260.	2247.
	249.	VELOCITY FPS	8.22	3.17	9.01	3.44
15		DISCHARGE CFS	22911.	2109.	17693.	3109.
	301.	VELOCITY FPS	8.49	3.37	9.44	3.76
1	ELEV 967.7	KD	7275.	1.	7273.	1.
2	ELEV 968.4	KD	9970.	1.	9968.	1.
3	ELEV 969.1	KD	13172.	1.	13170.	1.
4	ELEV 970.0	KD	18060.	1.	18058.	1.
5	ELEV 971.1	KD	24570.	1.	24568.	1.
6	ELEV 972.4	KD	32893.	1.	32891.	1.
7	ELEV 973.9	KD	45018.	10.	45008.	1.
8	ELEV 975.6	KD	61210.	176.	61033.	1.
9	ELEV 977.7	KD	83007.	808.	82197.	1.
10	ELEV 980.0	KD	113012.	2391.	110168.	454.
11	ELEV 982.3	KD	153849.	5159.	143866.	4823.
12	ELEV 984.7	KD	205193.	9601.	183054.	12538.
13	ELEV 987.5	KD	273837.	16910.	232302.	24625.
14	ELEV 990.8	KD	370630.	29382.	297519.	43730.
15	ELEV 993.4	KD	455725.	41810.	352233.	61682.

KD TABLE FOR CROSS-SECTION 71

ELEVATION	AREA	KD	KD BY SEGMENT		
963.80	0.				
964.	1.	3.	1.	3.	1.
965.	26.	415.	1.	413.	1.
966.	73.	2134.	1.	2132.	1.
967.	122.	4881.	14.	4879.	1.
968.	173.	8482.	1.	8480.	1.
969.	227.	12836.	1.	12834.	1.
970.	283.	17931.	1.	17929.	1.
971.	341.	23727.	1.	23725.	1.
972.	402.	30201.	1.	30199.	1.
973.	465.	37437.	2.	37434.	1.
974.	530.	45765.	12.	45747.	1.
975.	600.	54923.	83.	54831.	1.
976.	674.	64835.	248.	64573.	1.
977.	751.	75513.	545.	74967.	1.
978.	833.	86971.	980.	85923.	1.
979.	930.	99319.	1594.	97602.	29.
980.	1053.	113628.	2409.	110440.	471.
981.	1193.	130062.	3444.	124444.	1954.
982.	1337.	148190.	4735.	139282.	4173.
983.	1488.	167831.	6255.	154715.	6670.
984.	1643.	188885.	8068.	170821.	9833.
985.	1801.	211363.	10190.	187578.	13529.
986.	1965.	235240.	12616.	204938.	17614.
987.	2134.	260494.	15359.	222887.	22091.
988.	2306.	287170.	18462.	241477.	27153.
989.	2484.	315215.	21946.	260623.	32538.
990.	2666.	344661.	25797.	280361.	38389.
991.	2852.	375536.	30074.	300700.	44762.
992.	3045.	407652.	34602.	321551.	51398.
993.	3241.	441203.	39576.	342987.	58555.
994.	3442.	476170.	44991.	364969.	66120.
995.	3650.	512588.	50892.	387491.	74100.
996.	3860.	550480.	57312.	410567.	82552.
997.	4079.	589856.	64236.	434145.	91361.
998.	4299.	630746.	71734.	458288.	100724.
999.	4528.	673148.	79747.	482899.	110389.
1000.	4758.	717474.	88610.	508064.	120729.
1001.	4993.	764995.	99126.	533704.	131965.
1002.	5228.	813807.	110181.	559854.	143600.
1003.	5463.	862390.	120484.	586350.	154617.
1004.	5698.	912538.	131455.	613384.	166169.
1005.	5933.	964264.	143118.	640955.	178270.

TABLE OF VALUES FOR BPR EQUATION

CDEFK	AKB	DGTAK	SIGMA	DKE	DKS	M	ALPHA	ALPHA2	BRIDA	APPAR	AEXIT
.1001	.0000	.1001	.9979	.0000	.0000	.9999	1.0000	1.0000	256.1108	291.1140	241.8002
DCRIT	963.69	KBCRIT=									
.0943	.0000	.0943	.9979	.0000	.0000	.9999	1.0000	1.0000	303.0266	333.7195	280.6392
DCRIT	963.93	KBCRIT=									
.0886	.0000	.0886	.9979	.0000	.0000	.9999	1.0000	1.0000	356.6196	379.4773	322.9871
DCRIT	964.23	KBCRIT=									
.0818	.0000	.0818	.9979	.0000	.0000	.9999	1.0000	1.0000	434.0833	442.5388	381.1641
DCRIT	964.60	KBCRIT=									
.0747	.0000	.0747	.9979	.0000	.0000	.9999	1.0000	1.0000	533.3403	516.0557	451.7712
DCRIT	965.06	KBCRIT=									
.0677	.0000	.0677	.9979	.0000	.0000	.9999	1.0000	1.0000	656.2102	601.7615	536.1064
DCRIT	965.65	KBCRIT=									
.0604	.0000	.0604	.9979	.0000	.0000	.9999	1.0000	1.0000	821.4707	707.7400	646.5562
DCRIT	966.41	KBCRIT=									
.0581	.0000	.0581	.9979	.0000	.0000	.9999	1.0000	1.0000	1121.8638	894.0798	783.8796
DCRIT	967.31	KBCRIT=									
.2091	.1409	.0682	.9809	.0000	.0000	.9007	1.5233	1.4713	1565.6489	1460.8687	979.1953
DCRIT	968.35	KBCRIT=									
.4715	.3917	.0798	.9324	.0000	.0000	.7815	1.4970	1.3884	2104.7783	2424.2278	1311.6038
DCRIT	969.57	KBCRIT=									
.6724	.5872	.0852	.8890	.0000	.0000	.7082	1.3371	1.2387	2671.6577	3432.7581	1673.3491
DCRIT	970.99	KBCRIT=									
.8191	.7321	.0870	.8554	.0000	.0000	.6600	1.2257	1.1489	3295.7043	4559.2461	2081.7441
DCRIT	972.64	KBCRIT=									
.9304	.8432	.0872	.8292	.0000	.0000	.6256	1.1568	1.0981	4042.5244	5914.0664	2582.3669
DCRIT	975.53	KBCRIT=									
1.0571	.9720	.0852	.7985	.0000	.0000	.5879	1.1134	1.0667	4981.2227	7627.6836	3231.4521
DCRIT	976.95	KBCRIT=									
1.1273	1.0438	.0836	.7813	.0000	.0000	.5679	1.0952	1.0541	5711.5352	8932.0391	3759.9690
DCRIT	977.85	KBCRIT=									

ROAD SECTION RR

NO.	HW	CFS	HL	TW	CSM
0	962.30	0.00	0.00	0.00	0.00
1	967.78	226.82	.02	967.76	1.98
2	968.47	318.46	.02	968.45	2.78
3	969.21	447.81	.02	969.19	3.91
4	970.20	630.09	.04	970.16	5.50
5	971.34	885.51	.04	971.30	7.73
6	972.64	1245.21	.06	972.58	10.87
7	974.22	1750.40	.06	974.14	15.28
8	976.00	2460.84	.10	975.90	21.48
9	978.15	3459.56	.18	977.97	30.20
10	980.66	4865.15	.34	980.32	42.47
11	983.17	6841.22	.48	982.69	59.72
12	985.85	9618.03	.66	985.19	83.96
13	988.93	13524.36	.88	988.05	118.06
14	992.61	19016.12	1.16	991.45	166.00
15	995.29	22910.98	1.26	994.02	200.00

MIN ROAD ELEVATION = 1000.40

BRIDGE TYPE 2 GIRDER BOTTOM ELEVATION = 998.50 OPENING NO.= 1

RATING TABLE FOR SECTION 73 DA= 78.2

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	964.6	0.0	0.0						
1	968.0	162.2	226.8	.00	.24	.00	1.98	965.9	.00105
2	968.6	202.5	318.5	.00	.25	.00	2.78	966.1	.00102
3	969.4	246.8	447.9	.00	.25	.00	3.91	966.4	.00108
4	970.4	307.3	630.1	.00	.25	.00	5.50	966.7	.00107
5	971.5	378.3	885.5	.00	.26	.00	7.73	967.1	.00112
6	972.8	461.5	1245.2	.00	.27	.00	10.87	967.6	.00120
7	974.4	564.5	1750.4	.00	.27	.00	15.28	968.2	.00129
8	976.2	684.6	2460.6	.00	.28	.00	21.48	969.0	.00144
ZERO DAMG	977.2	759.6	2936.0	.00	.28	.00			
9	978.3	891.1	3459.6	.01	.29	.00	30.20	970.0	.00158
BANK FULL	980.1	1331.6	4486.5	.28	.30	.00			
10	980.8	1572.1	4865.1	.38	.30	.00	42.47	971.2	.00132
11	983.3	2532.2	6841.2	.43	.30	.00	59.72	972.7	.00092
12	985.9	3609.0	9618.0	.46	.30	.00	83.96	974.6	.00071
13	989.0	4910.1	13524.4	.50	.30	.00	118.03	979.6	.00059
14	992.7	6561.0	19016.1	.55	.30	.00	166.00	980.8	.00050
15	995.3	7815.5	22911.0	.59	.30	.00	200.00	981.5	.00043

SEGMENT TABLE FOR SECTION 73

CSM			TOTAL	SEG-NO 1 D	SEG-NO 2 C	SEG-NO 3 D
1		DISCHARGE CFS	227.	0.	227.	0.
	3.	VELOCITY FPS	1.40	.00	1.40	.00
2		DISCHARGE CFS	318.	0.	318.	0.
	4.	VELOCITY FPS	1.57	.00	1.57	.00
3		DISCHARGE CFS	448.	0.	448.	0.
	6.	VELOCITY FPS	1.82	.00	1.81	.00
4		DISCHARGE CFS	630.	0.	630.	0.
	8.	VELOCITY FPS	2.05	.00	2.05	.00
5		DISCHARGE CFS	886.	0.	886.	0.
	12.	VELOCITY FPS	2.34	.00	2.34	.00
6		DISCHARGE CFS	1245.	0.	1245.	0.
	16.	VELOCITY FPS	2.70	.00	2.70	.00
7		DISCHARGE CFS	1750.	0.	1750.	0.
	23.	VELOCITY FPS	3.10	.00	3.10	.00
8		DISCHARGE CFS	2461.	0.	2461.	0.
	32.	VELOCITY FPS	3.60	.00	3.59	.00
9		DISCHARGE CFS	3460.	42.	3416.	2.
	45.	VELOCITY FPS	4.10	.94	4.12	.47
10		DISCHARGE CFS	4865.	581.	4150.	134.
	64.	VELOCITY FPS	3.88	1.30	4.13	1.13
11		DISCHARGE CFS	6841.	1796.	4541.	504.
	90.	VELOCITY FPS	3.30	1.75	3.84	1.58
12		DISCHARGE CFS	9618.	3442.	5136.	1040.
	126.	VELOCITY FPS	3.07	2.06	3.73	1.85
13		DISCHARGE CFS	13524.	5711.	5987.	1827.
	177.	VELOCITY FPS	3.03	2.34	3.75	2.08
14		DISCHARGE CFS	19016.	8880.	7138.	2998.
	249.	VELOCITY FPS	3.10	2.62	3.83	2.29
15		DISCHARGE CFS	22911.	11166.	7844.	3900.
	301.	VELOCITY FPS	3.09	2.72	3.82	2.36
1	ELEV	968.0 KD	6998.	1.	6995.	1.
2	ELEV	968.6 KD	9977.	1.	9974.	1.
3	ELEV	969.4 KD	13651.	1.	13648.	1.
4	ELEV	970.4 KD	19225.	1.	19222.	1.
5	ELEV	971.5 KD	26513.	1.	26511.	1.
6	ELEV	972.8 KD	35927.	1.	35924.	1.
7	ELEV	974.4 KD	46696.	1.	46693.	1.
8	ELEV	976.2 KD	64879.	1.	64876.	1.
9	ELEV	978.3 KD	86522.	439.	86072.	11.
10	ELEV	980.8 KD	132122.	14431.	114599.	3092.
11	ELEV	983.3 KD	224983.	58166.	150845.	16221.
12	ELEV	985.9 KD	361110.	128767.	193481.	33862.
13	ELEV	989.0 KD	550677.	225518.	247708.	75251.
14	ELEV	992.7 KD	851400.	397235.	320181.	133983.
15	ELEV	995.3 KD	1100857.	536454.	377071.	187332.

KD TABLE FOR CROSS-SECTION 73

ELEVATION	AREA	KD	KD-BY-SEGMENT		
964.60	0.				
965.	4.	35.	1.	32.	1.
966.	48.	961.	1.	957.	1.
967.	106.	3523.	1.	3520.	1.
968.	164.	7154.	1.	7151.	1.
969.	224.	11713.	1.	11710.	1.
970.	285.	17072.	1.	17069.	1.
971.	347.	23171.	1.	23168.	1.
972.	409.	29933.	1.	29930.	1.
973.	473.	37328.	1.	37325.	1.
974.	538.	45329.	1.	45326.	1.
975.	604.	53902.	1.	53900.	1.
976.	671.	63027.	1.	63024.	1.
977.	744.	72722.	7.	72682.	1.
978.	840.	83341.	205.	82861.	3.
979.	1006.	96010.	2318.	93548.	143.
980.	1302.	114032.	7270.	104803.	1138.
981.	1662.	140808.	17500.	117845.	3966.
982.	2043.	174750.	32918.	131937.	8540.
983.	2432.	214826.	53016.	146249.	14441.
984.	2828.	260252.	75838.	162168.	21750.
985.	3232.	310538.	101686.	178186.	30012.
986.	3642.	365962.	131119.	194820.	39638.
987.	4058.	426405.	163298.	212054.	50553.
988.	4485.	490618.	198085.	229825.	62245.
989.	4917.	560034.	236108.	248195.	75458.
990.	5355.	633953.	276793.	267126.	89862.
991.	5803.	711878.	319654.	286591.	105330.
992.	6255.	794783.	365793.	306625.	122260.
993.	6717.	881569.	413944.	327177.	140256.
994.	7185.	972723.	464686.	348260.	159544.
995.	7659.	1068615.	518357.	369884.	180264.
996.	8143.	1168131.	573815.	392001.	202094.
997.	8629.	1272755.	632546.	414665.	225545.
998.	9129.	1380196.	692230.	437792.	249983.
999.	9632.	1493262.	755417.	461452.	276315.
1000.	10145.	1612492.	821905.	485585.	304920.
1001.	10659.	1735618.	890152.	510168.	334702.
1002.	11175.	1861398.	959256.	535146.	365072.
1003.	11691.	1992606.	1031683.	560637.	397284.
1004.	12207.	2129332.	1107505.	586640.	431401.

RATING TABLE FOR SECTION 24 DA= 78.1

RATING NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSH	CRIT ELEV	FRICTION SLOPE
0	966.3	0.0	0.0						
1	969.0	164.7	226.7	.00	1.53	.00	1.98	967.1	.00109
2	969.6	205.6	318.2	.00	1.56	.00	2.78	967.2	.00106
3	970.4	256.5	447.6	.00	1.59	.00	3.91	967.5	.00104
4	971.3	321.9	628.6	.00	1.62	.00	5.50	967.8	.00101
5	972.5	400.3	884.9	.00	1.67	.00	7.73	968.2	.00102
6	973.9	498.6	1244.4	.00	1.72	.00	10.87	968.6	.00103
7	975.5	616.5	1749.2	.00	1.78	.00	15.28	969.2	.00107
8	977.3	759.2	2459.0	.00	1.85	.00	21.48	970.0	.00114
BANK-FULL	978.7	870.8	3080.4	.00	1.89	.00			
ZERO DAMG	978.7	870.8	3080.4	.00	1.89	.00			
9	979.5	948.3	3457.2	.99	1.91	.00	30.20	970.9	.00120
10	981.9	1497.9	4861.9	4.72	1.91	.00	42.47	972.0	.00114
11	984.2	2250.1	6836.6	5.52	1.91	.00	59.72	973.4	.00106
12	986.6	3165.9	9611.5	6.33	1.91	.00	83.96	975.2	.00100
13	989.8	4341.7	13515.2	7.17	1.91	.00	118.06	977.4	.00093
14	993.4	5878.5	19003.3	8.10	1.91	.00	166.00	981.9	.00085
15	996.0	7115.2	22895.5	8.76	1.91	.00	200.00	982.6	.00077

SEGMENT TABLE FOR SECTION 24

CSM			TOTAL	SEG NO 1 D	SEG NO 2 C	SEG NO 3 D
1		DISCHARGE CFS	227.	0	227.	0.
	3.	VELOCITY FPS	1.38	.00	1.38	.00
2		DISCHARGE CFS	318.	0.	318.	0.
	4.	VELOCITY FPS	1.55	.00	1.55	.00
3		DISCHARGE CFS	448.	0	448.	0.
	6.	VELOCITY FPS	1.75	.00	1.74	.00
4		DISCHARGE CFS	630.	0.	630.	0.
	8.	VELOCITY FPS	1.96	.00	1.96	.00
5		DISCHARGE CFS	885.	0	885.	0.
	12.	VELOCITY FPS	2.21	.00	2.21	.00
6		DISCHARGE CFS	1244.	0.	1244.	0.
	16.	VELOCITY FPS	2.50	.00	2.50	.00
7		DISCHARGE CFS	1749.	0.	1749.	0.
	23.	VELOCITY FPS	2.84	.00	2.84	.00
8		DISCHARGE CFS	2459.	0.	2459.	0.
	32.	VELOCITY FPS	3.24	.00	3.24	.00
9		DISCHARGE CFS	3457.	3.	3453.	2.
	45.	VELOCITY FPS	3.70	.32	3.70	.25
10		DISCHARGE CFS	4862.	87.	4576.	199.
	64.	VELOCITY FPS	3.97	.72	4.09	.77
11		DISCHARGE CFS	6837.	380.	5696.	761.
	90.	VELOCITY FPS	4.02	1.19	4.36	1.22
12		DISCHARGE CFS	9612.	873.	7046.	1692.
	126.	VELOCITY FPS	4.08	1.55	4.66	1.55
13		DISCHARGE CFS	13515.	1666.	8697.	3152.
	178.	VELOCITY FPS	4.15	1.89	4.97	1.84
14		DISCHARGE CFS	19003.	2854.	10740.	5409.
	250.	VELOCITY FPS	4.21	2.22	5.27	2.10
15		DISCHARGE CFS	22895.	3749.	11947.	7200.
	301.	VELOCITY FPS	4.16	2.35	5.32	2.20
1	ELEV 969.0	KD	6876.	1.	6874.	1.
2	ELEV 969.6	KD	9789.	1.	9787.	1.
3	ELEV 970.4	KD	13895.	1.	13893.	1.
4	ELEV 971.3	KD	19823.	1.	19821.	1.
5	ELEV 972.5	KD	27773.	1.	27771.	1.
6	ELEV 973.9	KD	38846.	1.	38844.	1.
7	ELEV 975.5	KD	53506.	1.	53504.	1.
8	ELEV 977.3	KD	72959.	1.	72957.	1.
9	ELEV 979.5	KD	99797.	69.	99694.	34.
10	ELEV 981.9	KD	143594.	2545.	135288.	5762.
11	ELEV 984.2	KD	209271.	11361.	175085.	22825.
12	ELEV 986.8	KD	303812.	27334.	223466.	53013.
13	ELEV 989.8	KD	442292.	54238.	285366.	102688.
14	ELEV 993.4	KD	650415.	97626.	367787.	185002.
15	ELEV 996.0	KD	826585.	135153.	432028.	259405.

KD TABLE FOR CROSS-SECTION 24

ELEVATION	AREA	KD	KD BY SEGMENT		
966.30	0.				
967.	42.	756.	1.	754.	1.
968.	104.	3293.	1.	3290.	1.
969.	168.	7085.	1.	7083.	1.
970.	233.	11933.	1.	11931.	1.
971.	300.	17723.	1.	17721.	1.
972.	368.	24381.	1.	24379.	1.
973.	438.	31854.	1.	31852.	1.
974.	509.	40104.	1.	40102.	1.
975.	582.	49101.	1.	49099.	1.
976.	657.	58821.	1.	58819.	1.
977.	733.	69246.	1.	69246.	1.
978.	811.	80368.	1.	80366.	1.
979.	898.	92800.	12.	92745.	8.
980.	1038.	107400.	186.	106552.	154.
981.	1255.	125153.	1039.	121612.	1911.
982.	1539.	146977.	2850.	137460.	6457.
983.	1852.	173273.	6104.	154063.	12831.
984.	2181.	203218.	10274.	171399.	20799.
985.	2523.	236515.	15620.	189487.	30882.
986.	2876.	273251.	21475.	208306.	42854.
987.	3247.	313348.	29018.	227808.	56194.
988.	3632.	356978.	37196.	248005.	71382.
989.	4028.	404159.	46518.	268893.	88496.
990.	4437.	454610.	56767.	290446.	107321.
991.	4859.	508852.	67835.	312653.	128009.
992.	5289.	566488.	79960.	335531.	150928.
993.	5735.	627299.	92638.	359023.	175367.
994.	6191.	691620.	106281.	383160.	201952.
995.	6656.	759452.	120820.	407932.	230634.
996.	7139.	830472.	135923.	433293.	260957.
997.	7626.	905276.	152138.	459296.	293788.
998.	8132.	983283.	168877.	485871.	328279.
999.	8644.	1065807.	186854.	513062.	365734.
1000.	9169.	1153782.	206120.	540831.	406593.
1001.	9697.	1245211.	225454.	569126.	449498.
1002.	10227.	1340010.	244618.	597934.	494300.
1003.	10757.	1439107.	264813.	627344.	542142.
1004.	11287.	1542571.	286066.	657352.	593142.

TABLE OF VALUES FOR BPR EQUATION

COEFK	AKB	DGTAK	SIGMA	DKE	DKS	M	ALPHA	ALPHA2	BRIDA	APPAR	AEXIT
.6180	.3856	.2325	.9301	.0000	.0000	.7841	1.0000	1.0000	179.3518	283.6396	240.0634
DCRIT	966.19	KBCRIT=									
.5816	.3510	.2308	.9378	.0000	.0000	.7984	1.0000	1.0000	213.4018	335.1570	282.6882
DCRIT	966.41	KBCRIT=									
.5428	.3146	.2282	.9457	.0000	.0000	.8142	1.0000	1.0000	256.4534	397.4128	335.7725
DCRIT	966.72	KBCRIT=									
.4921	.2670	.2251	.9558	.0000	.0000	.8358	1.0000	1.0000	312.5227	476.8843	403.5093
DCRIT	967.09	KBCRIT=									
.4392	.2183	.2209	.9657	.0000	.0000	.8594	1.0000	1.0000	381.1790	574.0127	484.7271
DCRIT	967.55	KBCRIT=									
.3791	.1634	.2157	.9762	.0000	.0000	.8881	1.0000	1.0000	469.0982	695.1880	586.3769
DCRIT	968.12	KBCRIT=									
.3183	.1090	.2093	.9856	.0000	.0000	.9195	1.0000	1.0000	577.3918	838.8757	708.3613
DCRIT	968.83	KBCRIT=									
.2028	.0000	.2028	.9990	.0000	.0000	.9999	1.0000	1.0000	712.1211	1020.0513	859.0300
DCRIT	969.71	KBCRIT=									
.1927	.0043	.1883	.9986	.0000	.0000	.9943	1.0792	1.0788	918.4836	1292.6475	1190.4260
DCRIT	970.78	KBCRIT=									
.2094	.0303	.1791	.9963	.0006	.0000	.9732	1.1761	1.1714	1188.3567	1657.5190	1892.5574
DCRIT	972.10	KBCRIT=									
.2223	.0529	.1693	.9937	.0000	.0000	.9565	1.2632	1.2517	1483.3999	2072.7700	2685.8308
DCRIT	973.71	KBCRIT=									
.2307	.0718	.1589	.9912	.0000	.0000	.9434	1.3214	1.3033	1839.3560	2571.3474	3643.7869
DCRIT	975.66	KBCRIT=									
.2034	.0551	.1483	.9934	.0000	.0000	.9549	1.4158	1.3970	2294.1460	3194.9250	4862.2305
DCRIT	978.86	KBCRIT=									
.2364	.0950	.1413	.9878	.0000	.0000	.9282	1.5512	1.5116	2800.8228	4202.1289	6467.6367
DCRIT	981.22	KBCRIT=									
.0000	.0000	.0000	.0000	.0000	.0000	.0000	1.5512	1.5116	2843.9023	4202.1289	6467.6367
DCRIT	-1.00	KBCRIT=									

ROAD SECTION-SR2000

NO.	HW	CFS	HL	TW	CSM
0	965.20	0.00	0.00	0.00	0.00
1	969.03	226.67	.02	969.01	1.98
2	969.69	318.25	.04	969.65	2.78
3	970.47	447.41	.04	970.43	3.91
4	971.45	629.73	.04	971.41	5.50
5	972.62	884.91	.06	972.56	7.73
6	974.04	1244.37	.08	973.96	10.87
7	975.66	1749.22	.08	975.58	15.28
8	977.57	2458.98	.10	977.47	21.48
9	979.79	3457.22	.12	979.67	30.20
10	982.17	4861.86	.14	982.03	42.47
11	984.46	6836.59	.10	984.36	59.72
12	987.01	9611.52	.08	986.93	83.96
13	989.91	13515.21	.00	989.91	118.06
14	993.49	19003.25	.00	993.49	166.00
15	998.63	22495.48	2.56	996.07	200.00

MIN ROAD ELEVATION = 996.70

BRIDGE TYPE 2 GIRDER BOTTOM ELEVATION = 991.80 OPENING NO.= 1

RATING TABLE FOR SECTION 26 DA= 78.1

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	966.2	0.0	0.0						
1	969.1	209.8	228.7	.00	.17	.00	1.98	966.9	.00060
2	969.7	259.9	318.2	.00	.18	.00	2.78	967.1	.00059
3	970.5	320.6	447.6	.00	.18	.00	3.91	967.3	.00060
4	971.5	398.3	629.6	.00	.18	.00	5.50	967.5	.00061
5	972.7	493.1	884.9	.00	.19	.00	7.73	967.9	.00062
6	974.1	611.6	1244.4	.00	.20	.00	10.87	968.3	.00063
7	975.7	752.5	1749.2	.00	.20	.00	15.28	968.8	.00067
8	977.6	924.9	2459.0	.00	.21	.00	21.48	969.5	.00071
BANK FULL	978.5	1010.2	2853.1	.00	.21	.00			
ZERO DAMG	978.5	1010.2	2853.1	.00	.21	.00			
9	979.8	1164.4	3457.2	.02	.22	.00	30.20	970.3	.00075
10	982.2	1500.8	4861.9	.07	.22	.00	42.47	971.4	.00078
11	984.5	1890.5	6836.6	.12	.22	.00	59.72	972.7	.00088
12	987.1	2378.5	9611.5	.14	.22	.00	83.96	974.3	.00100
13	990.0	2972.0	13515.2	.17	.22	.00	118.06	976.2	.00113
14	993.5	3912.6	19003.3	.32	.22	.00	166.00	979.5	.00124
15	998.7	5588.3	22895.5	.51	.22	.00	200.00	981.0	.00083

SEGMENT TABLE FOR SECTION 26

CSM			TOTAL	SEG NO 1 D	SEG NO 2 C	SEG NO 3 D
1		DISCHARGE CFS	227.	0.	227.	0.
	3.	VELOCITY FPS	1.08	.00	1.08	.00
2		DISCHARGE CFS	318.	0.	318.	0.
	4.	VELOCITY FPS	1.23	.00	1.22	.00
3		DISCHARGE CFS	448.	0.	448.	0.
	6.	VELOCITY FPS	1.40	.00	1.40	.00
4		DISCHARGE CFS	630.	0.	630.	0.
	8.	VELOCITY FPS	1.58	.00	1.58	.00
5		DISCHARGE CFS	885.	0.	885.	0.
	12.	VELOCITY FPS	1.80	.00	1.79	.00
6		DISCHARGE CFS	1244.	0.	1244.	0.
	16.	VELOCITY FPS	2.04	.00	2.03	.00
7		DISCHARGE CFS	1749.	0.	1749.	0.
	23.	VELOCITY FPS	2.33	.00	2.32	.00
8		DISCHARGE CFS	2459.	0.	2459.	0.
	32.	VELOCITY FPS	2.66	.00	2.66	.00
9		DISCHARGE CFS	3457.	0.	3442.	15.
	45.	VELOCITY FPS	3.04	.25	3.04	.49
10		DISCHARGE CFS	4862.	17.	4744.	102.
	64.	VELOCITY FPS	3.46	.53	3.49	.91
11		DISCHARGE CFS	6837.	95.	6480.	261.
	90.	VELOCITY FPS	4.02	.84	4.14	1.30
12		DISCHARGE CFS	9612.	329.	8749.	534.
	126.	VELOCITY FPS	4.62	1.33	4.81	1.71
13		DISCHARGE CFS	13515.	773.	11767.	975.
	178.	VELOCITY FPS	5.30	1.65	5.62	2.13
14		DISCHARGE CFS	19003.	1448.	15845.	1710.
	250.	VELOCITY FPS	6.02	1.78	6.51	2.57
15		DISCHARGE CFS	22895.	2782.	17602.	2512.
	301.	VELOCITY FPS	5.38	1.69	6.03	2.46
1	ELEV	969.1 KD	9279.	1.	9277.	1.
2	ELEV	969.7 KD	13057.	1.	13055.	1.
3	ELEV	970.5 KD	18198.	1.	18196.	1.
4	ELEV	971.5 KD	25554.	1.	25552.	1.
5	ELEV	972.7 KD	35585.	1.	35583.	1.
6	ELEV	974.1 KD	49497.	1.	49495.	1.
7	ELEV	975.7 KD	67703.	1.	67701.	1.
8	ELEV	977.6 KD	92147.	1.	92144.	1.
9	ELEV	979.8 KD	126264.	4.	125903.	357.
10	ELEV	982.2 KD	174058.	496.	170045.	3517.
11	ELEV	984.5 KD	229875.	3120.	218015.	8740.
12	ELEV	987.1 KD	303807.	10300.	276674.	16833.
13	ELEV	990.0 KD	402155.	22867.	350324.	28964.
14	ELEV	993.5 KD	539297.	40890.	449912.	48496.
15	ELEV	998.7 KD	792289.	96139.	609238.	86911.

KD-TABLE FOR CROSS-SECTION 26

ELEVATION	AREA	KD	KD BY SEGMENT			
966.20	0.					
967.	57.	1102.	1.	1100.	1.	
968.	129.	4242.	1.	4240.	1.	
969.	204.	8840.	1.	8838.	1.	
970.	280.	14682.	1.	14680.	1.	
971.	358.	21649.	1.	21647.	1.	
972.	438.	29661.	1.	29659.	1.	
973.	520.	38660.	1.	38658.	1.	
974.	604.	48605.	1.	48602.	1.	
975.	690.	59465.	1.	59462.	1.	
976.	778.	71214.	1.	71212.	1.	
977.	868.	83837.	1.	83834.	1.	
978.	960.	97316.	1.	97314.	1.	
979.	1064.	112270.	1.	112159.	33.	
980.	1185.	129273.	6.	128611.	460.	
981.	1320.	148399.	64.	146579.	1600.	
982.	1466.	169392.	393.	165748.	3157.	
983.	1625.	192076.	1110.	185851.	5114.	
984.	1799.	216623.	2234.	206821.	7351.	
985.	1982.	243106.	4085.	228707.	10040.	
986.	2171.	271538.	6803.	251482.	13144.	
987.	2366.	301852.	10047.	275096.	16585.	
988.	2565.	333920.	13796.	299540.	20390.	
989.	2769.	367677.	18129.	324825.	24572.	
990.	2977.	403083.	22988.	350927.	29072.	
991.	3213.	436052.	24183.	377808.	33961.	
992.	3464.	470912.	25850.	405507.	39330.	
993.	3753.	514527.	35030.	433961.	45107.	
994.	4048.	560559.	45602.	463187.	51352.	
995.	4348.	609006.	57708.	493194.	58105.	
996.	4661.	658049.	68549.	523901.	65264.	
997.	4984.	708527.	80098.	555390.	72988.	
998.	5346.	758130.	89260.	587580.	81170.	
999.	5730.	813195.	102251.	620512.	90011.	
1000.	6146.	876279.	122106.	654152.	99370.	
1001.	6567.	943958.	143016.	688397.	109389.	
1002.	6992.	1015964.	165206.	723280.	119548.	
1003.	7417.	1091251.	190083.	758896.	130331.	
1004.	7842.	1169874.	217885.	795242.	141758.	

RATING TABLE FOR SECTION 1 DA= 75.8

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	CHANNEL	NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	970.9	0.0	0.0						
1	974.8	93.4	226.1	.00	1.38	.00	1.98	972.7	.00287
2	975.5	115.9	317.5	.00	1.45	.00	2.78	973.1	.00298
3	976.4	146.6	446.5	.00	1.53	.00	3.91	973.5	.00297
4	977.4	184.2	628.1	.00	1.64	.00	5.50	974.0	.00305
ZERO-DAMG	978.5	247.9	872.7	.00	1.74	.00			
5	978.5	252.1	882.7	4.52	1.74	.00	7.73	974.7	.00324
6	979.5	544.0	1241.3	16.64	1.82	.00	10.87	975.5	.00308
BANK FULL	979.9	730.4	1422.7	22.18	1.85	.00			
7	980.4	1101.4	1744.8	28.73	1.86	.00	15.28	976.4	.00230
8	981.2	1831.6	2452.8	37.41	1.88	.00	21.48	977.6	.00170
9	982.3	2898.3	3448.6	42.56	1.90	.00	30.20	979.5	.00111
10	983.7	4420.5	4849.7	44.18	1.90	.00	42.47	979.9	.00066
11	985.5	6524.1	6819.5	46.51	1.90	.00	59.78	980.3	.00040
12	987.9	9284.6	9587.5	46.96	1.90	.00	83.96	980.7	.00026
13	990.8	12722.1	13461.5	47.88	1.90	.00	118.06	981.1	.00019
14	994.4	17098.8	18955.8	48.69	1.90	.00	166.00	981.7	.00015
15	999.3	23143.4	22838.3	49.97	1.90	.00	200.00	982.0	.00008

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SEGMENT TABLE FOR SECTION 1

CSM			TOTAL	SEG NO 1 D	2 C	3 D
1		DISCHARGE CFS	226.	0	226.	0.
	3.	VELOCITY FPS	2.42	.00	2.42	.00
2		DISCHARGE CFS	317.	0.	317.	0.
	4.	VELOCITY FPS	2.74	.00	2.74	.00
3		DISCHARGE CFS	446.	0	446.	0.
	6.	VELOCITY FPS	3.05	.00	3.05	.00
4		DISCHARGE CFS	628.	0.	628.	0.
	8.	VELOCITY FPS	3.41	.00	3.41	.00
5		DISCHARGE CFS	883.	8.	875	0.
	12.	VELOCITY FPS	3.83	.32	3.84	.00
6		DISCHARGE CFS	1241.	195.	1047.	0.
	16.	VELOCITY FPS	3.72	.70	3.94	.00
7		DISCHARGE CFS	1745.	642	1086	16.
	23.	VELOCITY FPS	3.03	.84	3.58	.47
8		DISCHARGE CFS	2453.	1258.	1117.	77.
	32.	VELOCITY FPS	2.42	.92	3.29	.62
9		DISCHARGE CFS	3449.	2120.	1111.	217.
	45.	VELOCITY FPS	1.87	.95	2.86	.75
10		DISCHARGE CFS	4850.	3314.	1098.	438.
	64.	VELOCITY FPS	1.47	.96	2.47	.83
11		DISCHARGE CFS	6820.	4944.	1136.	739.
	90.	VELOCITY FPS	1.25	.96	2.17	.88
12		DISCHARGE CFS	9588.	7191.	1245.	1152.
	126.	VELOCITY FPS	1.15	.97	1.99	.91
13		DISCHARGE CFS	13481.	10339.	1435.	1708.
	178.	VELOCITY FPS	1.14	1.01	1.91	.96
14		DISCHARGE CFS	18956.	14754.	1718.	2484.
	250.	VELOCITY FPS	1.17	1.07	1.90	1.01
15		DISCHARGE CFS	22838.	17950.	1810.	3079.
	301.	VELOCITY FPS	1.03	.96	1.62	.90
1	ELEV	974.8 KD	4223.	1.	4221.	1.
2	ELEV	975.5 KD	5817.	1.	5815.	1.
3	ELEV	976.4 KD	8191.	1.	8189.	1.
4	ELEV	977.4 KD	11379.	1.	11377.	1.
5	ELEV	978.5 KD	15401.	23.	15377.	1.
6	ELEV	979.5 KD	20800.	1637.	19161.	1.
7	ELEV	980.4 KD	34988.	11555.	23405.	28.
8	ELEV	981.2 KD	58688.	29410.	27925.	1352.
9	ELEV	982.3 KD	102717.	62621.	34034.	6062.
10	ELEV	983.7 KD	187654.	127791.	43280.	16582.
11	ELEV	985.5 KD	340769.	246895.	57049.	36825.
12	ELEV	987.9 KD	589293.	441837.	76725.	70731.
13	ELEV	990.8 KD	972126.	745415.	103623.	123088.
14	ELEV	994.4 KD	1561728.	1215381.	141758.	204591.
15	ELEV	999.3 KD	2531362.	1989435.	200702.	341226.

KD TABLE FOR CROSS SECTION 1

ELEVATION	AREA	KD	KD BY SEGMENT		
970.90	0.				
971.	0.	4.	1.	3.	1.
972.	17.	302.	1.	300.	1.
973.	42.	1267.	1.	1265.	1.
974.	70.	2760.	1.	2758.	1.
975.	101.	4748.	1.	4746.	1.
976.	134.	7183.	1.	7181.	1.
977.	169.	10058.	1.	10056.	1.
978.	206.	13373.	1.	13371.	1.
979.	330.	17853.	342.	17163.	1.
980.	806.	28690.	6847.	21468.	2.
981.	1584.	51698.	23258.	26571.	861.
982.	2591.	89607.	52500.	32260.	4638.
983.	3674.	144787.	94691.	38712.	11243.
984.	4788.	213002.	147262.	45626.	19929.
985.	5920.	293210.	209563.	52979.	30414.
986.	7068.	385108.	281389.	60773.	42743.
987.	8230.	487883.	361991.	68993.	56762.
988.	9407.	601230.	451172.	77625.	72340.
989.	10596.	725896.	549719.	86665.	89471.
990.	11795.	860414.	656448.	96079.	107783.
991.	12998.	1005719.	772075.	105891.	127677.
992.	14205.	1160948.	895793.	116090.	149050.
993.	15420.	1323679.	1025472.	126644.	171518.
994.	16640.	1494945.	1162037.	137560.	195282.
995.	17863.	1676329.	1306863.	148857.	220596.
996.	19096.	1863553.	1456169.	160482.	246856.
997.	20333.	2059924.	1612914.	172467.	274511.
998.	21576.	2264968.	1776674.	184802.	303484.
999.	22828.	2476476.	1945556.	197456.	333430.
1000.	24083.	2698426.	2122902.	210459.	365041.
1001.	25343.	2931182.	2308892.	223782.	398472.
1002.	26602.	3167696.	2497942.	237386.	432252.
1003.	27862.	3406737.	2689028.	251256.	466134.
1004.	29122.	3655643.	2888184.	265474.	501508.
1005.	30382.	3914511.	3095503.	280036.	538393.

RATING TABLE FOR SECTION 27 DA= 75.8

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	976.6	0.0	0.0						
1	979.9	129.0	225.8	.00	3.01	.00	1.98	977.7	.00184
2	980.3	159.4	317.0	.00	3.09	.00	2.78	978.2	.00187
3	981.0	197.8	445.9	.00	3.19	.00	3.91	978.5	.00190
4	982.0	256.6	627.2	.00	3.33	.00	5.50	978.8	.00170
5	983.0	314.9	801.6	.00	3.48	.00	7.73	979.3	.00182
6	984.3	399.4	1239.7	.00	3.66	.00	10.87	979.8	.00182
ZERO DAMG	984.5	410.9	1335.3	.00	3.69	.00			
BANK-FULL	985.0	604.0	1619.6	14.30	3.72	.00			
7	985.2	704.8	1745.6	18.93	3.74	.00	15.28	980.5	.00199
8	986.1	1171.5	2449.7	28.22	3.76	.00	21.48	981.3	.00187
9	986.9	1653.9	3444.1	28.68	3.76	.00	30.20	982.4	.00181
10	988.0	2266.0	4843.5	29.26	3.76	.00	42.47	983.7	.00164
11	989.2	3027.4	6810.7	29.97	3.76	.00	59.72	985.2	.00147
12	990.9	4054.3	9575.1	30.90	3.76	.00	83.96	986.1	.00125
13	993.1	5509.4	13464.1	32.18	3.76	.00	118.06	986.6	.00099
14	996.2	7534.6	18931.3	33.88	3.76	.00	166.00	987.3	.00077
15	1000.3	10420.4	22808.8	36.40	3.76	.00	200.00	987.7	.00042

SEGMENT TABLE FOR SECTION 27

CSM			TOTAL	SEG NO 1 D	2 C	3 D
1		DISCHARGE CFS	226.	0.	226.	0.
	3.	VELOCITY FPS	1.75	.00	1.75	.00
2		DISCHARGE CFS	317.	0.	317.	0.
	4.	VELOCITY FPS	1.99	.00	1.99	.00
3		DISCHARGE CFS	446.	0.	446.	0.
	6.	VELOCITY FPS	2.26	.00	2.26	.00
4		DISCHARGE CFS	627.	0.	627.	0.
	8.	VELOCITY FPS	2.45	.00	2.44	.00
5		DISCHARGE CFS	882.	0.	882.	0.
	12.	VELOCITY FPS	2.80	.00	2.80	.00
6		DISCHARGE CFS	1240.	0.	1239.	0.
	16.	VELOCITY FPS	3.13	.10	3.13	.00
7		DISCHARGE CFS	1743.	160.	1582.	0.
	23.	VELOCITY FPS	3.37	.64	3.49	.00
8		DISCHARGE CFS	2450.	605.	1844.	1.
	32.	VELOCITY FPS	3.26	.92	3.61	.53
9		DISCHARGE CFS	3444.	1290.	2151.	2.
	46.	VELOCITY FPS	3.16	1.19	3.81	.66
10		DISCHARGE CFS	4843.	2359.	2478.	7.
	64.	VELOCITY FPS	3.02	1.45	3.93	.83
11		DISCHARGE CFS	6811.	3917.	2878.	16.
	90.	VELOCITY FPS	2.96	1.70	4.04	.99
12		DISCHARGE CFS	9575.	6167.	3373.	35.
	127.	VELOCITY FPS	2.90	1.93	4.11	1.12
13		DISCHARGE CFS	13464.	9420.	3968.	76.
	178.	VELOCITY FPS	2.85	2.10	4.10	1.25
14		DISCHARGE CFS	18931.	14022.	4755.	154.
	250.	VELOCITY FPS	2.82	2.24	4.08	1.35
15		DISCHARGE CFS	22809.	17594.	4964.	251.
	302.	VELOCITY FPS	2.40	2.01	3.47	1.16
1	ELEV 979.7	KD	5268.	1.	5266.	1.
2	ELEV 980.3	KD	7333.	1.	7331.	1.
3	ELEV 981.0	KD	10230.	1.	10228.	1.
4	ELEV 982.0	KD	15196.	1.	15194.	1.
5	ELEV 983.0	KD	20679.	1.	20677.	1.
6	ELEV 984.3	KD	29088.	5.	29083.	1.
7	ELEV 985.2	KD	36299.	549.	35749.	2.
8	ELEV 986.1	KD	55084.	11719.	43356.	9.
9	ELEV 986.9	KD	80384.	29109.	51227.	48.
10	ELEV 988.0	KD	119320.	57398.	61766.	156.
11	ELEV 989.2	KD	177102.	101051.	75647.	404.
12	ELEV 990.9	KD	270900.	174242.	95664.	993.
13	ELEV 993.1	KD	426751.	298332.	126040.	2379.
14	ELEV 996.2	KD	683514.	506241.	171718.	5556.
15	ELEV 1000.3	KD	1110412.	856342.	241879.	12191.

KD TABLE FOR CROSS SECTION 27

ELEVATION	AREA	KD	KD BY SEGMENT		
976.60	0.				
977.	4.	34.	1.	32.	1.
978.	45.	955.	1.	952.	1.
979.	94.	3182.	1.	3180.	1.
980.	145.	6336.	1.	6334.	1.
981.	199.	10333.	1.	10331.	1.
982.	256.	15104.	1.	15102.	1.
983.	314.	20621.	1.	20619.	1.
984.	377.	26860.	2.	26856.	1.
985.	604.	36074.	138.	34023.	1.
986.	1116.	54152.	10285.	42478.	7.
987.	1700.	83652.	30874.	52001.	53.
988.	2295.	121728.	68851.	52278.	163.
989.	2900.	167252.	93257.	73278.	353.
990.	3515.	220126.	134336.	84995.	648.
991.	4139.	279719.	181262.	97398.	1059.
992.	4776.	345015.	232860.	110443.	1593.
993.	5422.	416643.	290086.	124144.	2274.
994.	6079.	494248.	352500.	138478.	3112.
995.	6744.	578226.	420585.	153449.	4132.
996.	7420.	667596.	493436.	169017.	5328.
997.	8108.	762425.	570433.	185172.	6716.
998.	8804.	863182.	652905.	201925.	8283.
999.	9509.	969667.	740407.	219263.	9997.
1000.	10233.	1080505.	831573.	237135.	11713.
1001.	10963.	1198811.	929403.	255587.	13747.
1002.	11705.	1324925.	1034060.	274588.	16231.
1003.	12456.	1457764.	1144353.	294116.	19185.
1004.	13212.	1597370.	1260585.	314196.	22594.
1005.	13978.	1741957.	1380559.	334788.	26526.
1006.	14751.	1892093.	1505092.	356901.	30980.
1007.	15528.	2048178.	1634581.	377539.	36002.
1008.	16316.	2209032.	1767637.	399668.	41595.
1009.	17107.	2376244.	1906089.	422324.	47831.
1010.	17906.	2550634.	2049149.	445446.	55833.
1011.	18706.	2730538.	2196848.	469063.	64417.
1012.	19506.	2916792.	2344596.	493063.	71967.
1013.	20306.	3097422.	2497748.	517572.	80154.
1014.	21106.	3290480.	2656352.	542585.	89012.

RATING TABLE FOR SECTION 2 DA= 75.5

	NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	CHANNEL	NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
	0	978.0	0.0	0.0						
	1	982.8	131.5	225.5	.00	1.97	.00	1.98	980.1	.00118
	2	983.6	162.5	316.7	.00	2.04	.00	2.78	980.4	.00123
ZERO DAMG		984.0	190.1	381.9	.00	2.08	.00			
	3	984.4	218.4	445.4	5.56	2.12	.00	3.91	980.8	.00136
	4	985.2	375.6	626.8	9.58	2.18	.00	5.50	981.3	.00128
	5	986.0	606.4	880.5	12.66	2.26	.00	7.73	981.8	.00104
	6	986.8	997.4	1238.1	29.66	2.33	.00	10.87	982.5	.00094
	7	987.4	1602.6	1740.5	48.12	2.38	.00	15.28	983.4	.00086
BANK FULL		988.0	2284.6	2339.3	66.25	2.44	.00			
	8	988.1	2435.3	2446.7	69.33	2.44	.00	21.48	985.0	.00073
	9	988.7	3329.1	3439.9	71.32	2.46	.00	30.20	985.5	.00065
	10	989.6	4536.0	4837.6	72.32	2.47	.00	42.47	986.0	.00052
	11	990.5	5948.4	6802.4	72.56	2.47	.00	59.72	986.6	.00045
	12	991.9	7947.0	9563.5	72.88	2.47	.00	83.96	987.2	.00035
	13	993.9	10903.3	13447.6	73.32	2.47	.00	118.06	987.6	.00025
	14	996.7	15068.7	18908.3	73.62	2.47	.00	166.00	988.1	.00017
	15	1000.6	20751.9	22781.0	73.97	2.47	.00	200.00	988.4	.00009

WARNING**********PROFILE NO 15 EXCEEDS SURVEY DATA BY .6 FT. COMPUTATION BASED ON VERTICAL EXTENSION OF END POINTS**********

SEGMENT TABLE FOR SECTION 2

CSM		TOTAL	SEG NO 1 D	2 C	3 D
1	DISCHARGE CFS	226.	0.	226.	0.
3.	VELOCITY FPS	1.72	.00	1.72	.00
2	DISCHARGE CFS	317.	0.	317.	0.
4.	VELOCITY FPS	1.95	.00	1.95	.00
3	DISCHARGE CFS	445.	0	439.	6.
6.	VELOCITY FPS	2.23	.00	2.04	.28
4	DISCHARGE CFS	626.	0.	534.	92.
8.	VELOCITY FPS	2.18	.00	2.34	.63
5	DISCHARGE CFS	880.	6.	599.	276.
12.	VELOCITY FPS	1.93	.47	2.25	.84
6	DISCHARGE CFS	1238.	86.	663.	489.
16.	VELOCITY FPS	1.79	.44	2.23	.97
7	DISCHARGE CFS	1740.	324.	712.	704.
23.	VELOCITY FPS	1.65	.55	2.18	1.03
8	DISCHARGE CFS	2447.	724.	765.	957.
32.	VELOCITY FPS	1.44	.61	2.13	1.08
9	DISCHARGE CFS	3440.	1387.	811.	1242.
46.	VELOCITY FPS	1.36	.75	2.08	1.13
10	DISCHARGE CFS	4838.	2366.	858.	1613.
64.	VELOCITY FPS	1.27	.87	2.00	1.18
11	DISCHARGE CFS	6802.	3736.	946.	2120.
90.	VELOCITY FPS	1.28	.99	1.99	1.26
12	DISCHARGE CFS	9563.	5719.	1047.	2798.
127.	VELOCITY FPS	1.28	1.09	1.93	1.30
13	DISCHARGE CFS	13448.	8573.	1165.	3710.
178.	VELOCITY FPS	1.27	1.15	1.82	1.31
14	DISCHARGE CFS	18908.	12612.	1332.	4965.
251.	VELOCITY FPS	1.28	1.20	1.72	1.31
15	DISCHARGE CFS	22781.	15653.	1356.	5772.
302.	VELOCITY FPS	1.11	1.07	1.42	1.12
1	ELEV 982.8 KD	6568.	1.	6565.	1.
2	ELEV 983.6 KD	9038.	1.	9035.	1.
3	ELEV 984.4 KD	12084.	1.	11929.	153.
4	ELEV 985.2 KD	17376.	1.	14922.	2452.
5	ELEV 986.0 KD	27091.	2.	18645.	8444.
6	ELEV 986.8 KD	38085.	602.	21969.	15513.
7	ELEV 987.4 KD	57219.	7988.	25167.	24064.
8	ELEV 988.1 KD	90094.	25472.	28864.	35758.
9	ELEV 988.7 KD	133031.	51191.	32657.	49183.
10	ELEV 989.6 KD	210234.	100963.	38290.	70980.
11	ELEV 990.5 KD	320374.	174196.	45448.	100729.
12	ELEV 991.9 KD	509721.	303606.	56369.	149746.
13	ELEV 993.9 KD	852242.	542728.	74106.	235408.
14	ELEV 996.7 KD	1445667.	963650.	102117.	379900.
15	ELEV 1000.6 KD	2445790.	1680331.	145719.	619740.

KD-TABLE-FOR CROSS SECTION 2

ELEVATION	AREA	KD	KD BY SEGMENT		
978.00	0.				
979.	9.	132.	1.	130.	1.
980.	34.	349.	1.	347.	1.
981.	66.	2252.	1.	2250.	1.
982.	102.	4440.	1.	4437.	1.
983.	140.	7193.	1.	7191.	1.
984.	190.	10523.	1.	10454.	14.
985.	340.	16127.	1.	14206.	1333.
986.	580.	26521.	1.	18430.	8090.
987.	1125.	45540.	3713.	23111.	18717.
988.	2285.	84618.	22548.	28248.	33822.
989.	3714.	158717.	68263.	34363.	56091.
990.	5168.	260477.	134623.	41461.	84392.
991.	6627.	382248.	215993.	49067.	116759.
992.	8090.	525215.	314073.	57189.	153585.
993.	9559.	687628.	427033.	65808.	194530.
994.	11031.	868394.	553961.	74909.	239366.
995.	12506.	1066490.	694057.	84476.	287878.
996.	13983.	1279955.	845602.	94490.	339773.
997.	15462.	1508050.	1008068.	104940.	394919.
998.	16943.	1752757.	1183124.	115839.	453718.
999.	18426.	2013089.	1369929.	127175.	515984.
1000.	19912.	2284554.	1564480.	138898.	581116.
1001.	21399.	2571256.	1770159.	151042.	649990.
1002.	22886.	2874440.	1988001.	163618.	722822.
1003.	24373.	3186293.	2212154.	176548.	797538.
1004.	25861.	3513445.	2447892.	189896.	875619.
1005.	27348.	3852974.	2692916.	203631.	956406.
1006.	28836.	4203076.	2946836.	217732.	1039474.
1007.	30324.	4564192.	3207026.	232200.	1124918.
1008.	31812.	4922636.	3465789.	246906.	1209651.
1009.	33300.	5296096.	3735919.	262015.	1297677.
1010.	34788.	5684660.	4017515.	277524.	1389006.

######SECT.2B KD VALUES REVERSED ON SEGMENT 1 AT ELEVATION 1003.70 VALUE CHANGED TO EQUAL PREVIOUS VALUE######

RATING TABLE FOR SECTION 28 DA= 74.9

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	981.3	0.0	0.0						
1	985.1	191.8	224.5	.00	4.96	.00	1.98	982.8	.00069
2	985.7	234.6	315.2	.00	5.09	.00	2.78	983.0	.00072
3	986.6	297.9	443.3	.00	5.28	.00	3.91	983.2	.00068
4	987.5	366.0	623.5	.00	5.48	.00	5.50	983.5	.00072
5	988.5	443.2	876.3	.00	5.69	.00	7.73	983.9	.00079
6	989.6	529.5	1232.3	.00	5.92	.00	10.87	984.4	.00092
7	990.8	628.3	1732.2	.00	6.17	.00	15.28	984.9	.00110
ZERO DAMG	991.1	654.1	1907.2	.00	6.23	.00			
8	992.0	739.2	2435.9	.00	6.43	.00	21.48	985.7	.00138
BANK FULL	992.8	819.6	2960.9	.36	6.54	.00			
9	993.5	895.5	3423.6	.68	6.59	.00	30.20	986.6	.00161
10	995.0	1084.3	4814.6	1.53	6.59	.00	42.47	987.7	.00187
11	996.7	1310.4	6770.2	2.45	6.59	.00	59.73	989.0	.00222
12	998.8	1624.8	9518.1	3.67	6.59	.00	83.96	990.7	.00250
13	1001.4	2083.3	13383.9	5.76	6.59	.00	118.06	993.1	.00266
14	1004.5	2947.5	18818.6	20.60	6.59	.00	166.00	995.4	.00285
15	1006.9	4345.8	22673.0	42.39	6.59	.00	200.00	996.8	.00234

SEGMENT TABLE FOR SECTION 28

CSM			TOTAL	SEG-NO 1 D	2 C	3 D
1		DISCHARGE CFS	224.	0.	224.	0.
	3.	VELOCITY FPS	1.17	.00	1.17	.00
2		DISCHARGE CFS	315.	0.	315.	0.
	4.	VELOCITY FPS	1.35	.00	1.34	.00
3		DISCHARGE CFS	443.	0.	443.	0.
	6.	VELOCITY FPS	1.49	.00	1.49	.00
4		DISCHARGE CFS	624.	0.	624.	0.
	8.	VELOCITY FPS	1.71	.00	1.70	.00
5		DISCHARGE CFS	876.	0.	876.	0.
	12.	VELOCITY FPS	1.98	.00	1.98	.00
6		DISCHARGE CFS	1232.	0.	1232.	0.
	16.	VELOCITY FPS	2.33	.00	2.33	.00
7		DISCHARGE CFS	1732.	0.	1732.	0.
	23.	VELOCITY FPS	2.76	.00	2.76	.00
8		DISCHARGE CFS	2435.	3.	2432.	0.
	33.	VELOCITY FPS	3.32	.51	3.32	.00
9		DISCHARGE CFS	3424.	30.	3393.	1.
	46.	VELOCITY FPS	3.91	1.02	3.93	.58
10		DISCHARGE CFS	4815.	102.	4696.	17.
	64.	VELOCITY FPS	4.63	1.63	4.68	.98
11		DISCHARGE CFS	6770.	232.	6464.	74.
	90.	VELOCITY FPS	5.49	2.23	5.59	1.46
12		DISCHARGE CFS	9518.	471.	8806.	240.
	127.	VELOCITY FPS	6.37	2.89	6.56	2.01
13		DISCHARGE CFS	13384.	881.	11868.	636.
	179.	VELOCITY FPS	7.19	4.53	7.54	2.45
14		DISCHARGE CFS	18819.	1104.	16192.	1522.
	251.	VELOCITY FPS	8.15	2.26	8.71	2.54
15		DISCHARGE CFS	22673.	2205.	17589.	2879.
	303.	VELOCITY FPS	7.56	1.80	8.48	2.76
1	ELEV 985.1	KD	8572.	1.	8570.	1.
2	ELEV 985.7	KD	11746.	1.	11744.	1.
3	ELEV 986.6	KD	16987.	1.	16985.	1.
4	ELEV 987.5	KD	23296.	1.	23294.	1.
5	ELEV 988.5	KD	31130.	1.	31128.	1.
6	ELEV 989.6	KD	40572.	1.	40570.	1.
7	ELEV 990.8	KD	52249.	1.	52246.	1.
8	ELEV 992.0	KD	65615.	37.	65577.	1.
9	ELEV 993.5	KD	85285.	682.	84592.	11.
10	ELEV 995.0	KD	111182.	2249.	108614.	320.
11	ELEV 996.7	KD	143689.	4873.	137297.	1519.
12	ELEV 998.8	KD	190074.	9312.	176125.	4637.
13	ELEV 1001.4	KD	259105.	16977.	230055.	12074.
14	ELEV 1004.5	KD	351792.	20694.	303231.	27867.
15	ELEV 1006.9	KD	468891.	45394.	364000.	59498.

KD TABLE FOR CROSS-SECTION 28

ELEVATION	AREA	KD	KD BY SEGMENT		
981.30	0.				
982.	10.	115.	1.	113.	1.
983.	58.	1258.	1.	1256.	1.
984.	122.	4148.	1.	4145.	1.
985.	188.	8299.	1.	8297.	1.
986.	257.	13536.	1.	13533.	1.
987.	329.	19795.	1.	19792.	1.
988.	404.	27027.	1.	27025.	1.
989.	481.	35215.	1.	35213.	1.
990.	562.	44335.	1.	44333.	1.
991.	646.	54382.	2.	54379.	1.
992.	737.	65420.	34.	65346.	1.
993.	841.	78283.	353.	77856.	4.
994.	956.	93509.	1079.	92245.	44.
995.	1079.	110586.	2199.	107958.	304.
996.	1210.	129254.	3639.	124650.	873.
997.	1350.	149569.	5403.	142292.	1839.
998.	1499.	171599.	7469.	160833.	3254.
999.	1658.	195289.	9841.	180241.	5060.
1000.	1828.	220775.	12594.	200562.	7473.
1001.	2008.	248161.	15720.	221766.	10626.
1002.	2205.	277841.	19167.	243767.	14768.
1003.	2429.	305800.	20303.	266601.	18796.
1004.	2721.	334677.	20445.	290266.	23725.
1005.	3144.	367851.	20908.	314718.	31956.
1006.	3732.	415542.	29486.	339943.	44100.
1007.	4411.	474490.	47086.	365982.	60740.
1008.	5275.	550898.	75733.	392731.	79449.
1009.	6169.	640772.	116139.	420256.	101520.
1010.	7094.	746659.	170299.	448540.	126907.
1011.	8040.	862287.	227752.	477503.	153964.
1012.	8991.	990128.	297619.	507251.	184831.
1013.	9965.	1126243.	369198.	537654.	217258.
1014.	10946.	1273912.	451022.	568805.	253212.
1015.	11945.	1430324.	534904.	600629.	291420.
1016.	12957.	1596816.	630011.	633154.	332650.
1017.	13981.	1773076.	729207.	666366.	376760.
1018.	15025.	1957529.	832795.	700232.	423382.
1019.	16076.	2152838.	943975.	734796.	473399.
1020.	17142.	2361112.	1060509.	769996.	529581.
1021.	18216.	2583156.	1186075.	805878.	591594.
1022.	19290.	2804308.	1305715.	842264.	652941.
1023.	20365.	3031266.	1428374.	879257.	716098.
1024.	21440.	3270857.	1559231.	916940.	783647.
1025.	22515.	3522537.	1698631.	955310.	855782.

TABLE OF VALUES FOR BPR EQUATION

COEFK	AKB	DGTAK	SIGMA	DKE	DKS	M	ALPHA	ALPHA2	BRIDA	APPAR	AEXIT
.2528	.0000	.2528	1.0002	.0000	.0000	.9999	1.0000	1.0000	238.1540	165.4717	218.6762
DCRIT	981.91	KBCRIT=									
.2475	.0000	.2475	1.0002	.0000	.0000	.9999	1.0000	1.0000	279.3499	195.0724	262.4771
DCRIT	982.12	KBCRIT=									
.2407	.0000	.2407	1.0002	.0000	.0000	.9999	1.0000	1.0000	339.8921	239.1935	326.7974
DCRIT	982.38	KBCRIT=									
.2341	.0000	.2341	1.0002	.0000	.0000	.9999	1.0000	1.0000	406.0120	288.3674	396.9136
DCRIT	982.70	KBCRIT=									
.2273	.0000	.2273	1.0002	.0000	.0000	.9999	1.0000	1.0000	481.4758	347.7463	476.6772
DCRIT	983.10	KBCRIT=									
.2205	.0000	.2205	1.0002	.0000	.0000	.9999	1.0000	1.0000	566.1992	438.4377	566.0007
DCRIT	983.60	KBCRIT=									
.2134	.0000	.2134	1.0002	.0000	.0000	.9999	1.2546	1.2545	664.1338	576.0942	668.9236
DCRIT	984.22	KBCRIT=									
.2065	.0000	.2065	1.0002	.0000	.0000	.9998	1.3060	1.3059	770.3091	734.9233	792.5488
DCRIT	984.99	KBCRIT=									
.2002	.0000	.2002	1.0002	.0000	.0000	.9999	1.3277	1.3277	909.0554	935.2996	962.3188
DCRIT	985.94	KBCRIT=									
.1998	.0000	.1998	1.0002	.0000	.0000	.9999	1.3373	1.3373	1082.9954	1169.3337	1163.6187
DCRIT	987.10	KBCRIT=									
.2023	.0000	.2023	1.0002	.0000	.0000	.9999	1.3372	1.3371	1285.1223	1448.3853	1410.9348
DCRIT	988.53	KBCRIT=									
.2010	.0000	.2010	1.0002	.0000	.0000	.9999	1.5031	1.5031	1554.0410	1878.6511	1746.1760
DCRIT	990.26	KBCRIT=									
.0000	.0000	.0000	.0000	.0000	.0000	.0000	1.5031	1.5031	1838.2109	1878.6511	1746.1760
DCRIT	-1.00	KBCRIT=									
.0000	.0000	.0000	.0000	.0000	.0000	.0000	1.5031	1.5031	1838.2109	1878.6511	1746.1760
DCRIT	-1.00	KBCRIT=									
.0000	.0000	.0000	.0000	.0000	.0000	.0000	1.5031	1.5031	1838.2109	1878.6511	1746.1760
DCRIT	-1.00	KBCRIT=									

ROAD SECTION SR2258

NO.	HW	CFS	HL	TW	CSM
0	981.00	0.00	0.00	0.00	0.00
1	985.15	224.46	.00	985.15	1.98
2	985.78	315.16	.00	985.78	2.78
3	986.67	443.26	.00	986.67	3.91
4	987.61	623.51	.00	987.61	5.50
5	988.64	876.31	.00	988.64	7.73
6	989.75	1232.28	.00	989.75	10.87
7	990.98	1732.22	.00	990.98	15.28
8	992.25	2435.09	.00	992.25	21.48
9	993.75	3423.63	.00	993.75	30.20
10	995.40	4814.62	.04	995.36	42.47
11	997.21	6770.17	.10	997.11	59.72
12	999.42	9518.15	.18	999.24	83.96
13	1004.10	13383.91	2.22	1001.88	118.06
14	1006.67	18818.64	1.58	1005.08	166.00
15	1008.31	22673.05	.86	1007.45	200.00

MIN ROAD ELEVATION 1003.50

BRIDGE TYPE 2 GIRDER BOTTOM ELEVATION = 1001.10 OPENING NO.= 1

RATING TABLE FOR SECTION 30 DA= 74.9

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	983.8	0.0	0.0						
1	986.0	79.2	224.5	.00	.15	.00	1.98	985.0	.00664
2	986.5	102.0	315.2	.00	.16	.00	2.78	985.2	.00599
3	987.3	136.4	443.3	.00	.16	.00	3.91	985.6	.00486
4	988.2	176.3	623.5	.00	.17	.00	5.50	986.0	.00444
5	989.2	228.5	876.3	.00	.18	.00	7.73	986.5	.00423
BANK FULL	989.9	260.2	1102.7	.00	.19	.00			
ZERO DAMG	989.9	260.2	1102.7	.00	.19	.00			
6	990.3	280.7	1232.3	.01	.19	.00	10.87	987.1	.00434
7	991.5	349.7	1732.2	.05	.20	.00	15.28	987.9	.00451
8	992.8	455.4	2435.1	.20	.20	.00	21.48	988.9	.00489
9	994.2	627.0	3423.6	.25	.20	.00	30.20	990.0	.00476
10	995.8	832.4	4814.6	.29	.20	.00	42.47	991.9	.00469
11	997.6	1081.8	6770.2	.33	.20	.00	59.72	993.6	.00474
12	999.8	1415.5	9518.1	.38	.20	.00	83.96	994.9	.00462
13	1004.2	2469.8	13383.9	1.08	.20	.00	118.06	996.4	.00305
14	1006.7	3479.3	18818.6	1.31	.20	.00	166.00	998.3	.00292
15	1008.4	4178.1	22673.0	1.38	.20	.00	200.00	999.4	.00270

SEGMENT TABLE FOR SECTION 30

CSM		TOTAL	SEG-NO 1 D	2 C	3 D
1	DISCHARGE CFS	224.	0.	224.	0.
3.	VELOCITY FPS	2.84	.00	2.83	.00
2	DISCHARGE CFS	315.	0.	315.	0.
4.	VELOCITY FPS	3.10	.00	3.09	.00
3	DISCHARGE CFS	443.	0.	443.	0.
6.	VELOCITY FPS	3.25	.00	3.25	.00
4	DISCHARGE CFS	624.	0.	624.	0.
8.	VELOCITY FPS	3.54	.00	3.54	.00
5	DISCHARGE CFS	876.	0.	876.	0.
12.	VELOCITY FPS	3.89	.00	3.89	.00
6	DISCHARGE CFS	1232.	0.	1232.	0.
16.	VELOCITY FPS	4.40	.00	4.40	.00
7	DISCHARGE CFS	1732.	0.	1726.	6.
23.	VELOCITY FPS	5.02	.38	5.02	1.11
8	DISCHARGE CFS	2435.	27.	2383.	25.
33.	VELOCITY FPS	5.73	.97	5.78	1.62
9	DISCHARGE CFS	3424.	202.	3147.	74.
46.	VELOCITY FPS	6.18	2.02	5.40	2.12
10	DISCHARGE CFS	4815.	524.	4122.	168.
64.	VELOCITY FPS	6.66	2.81	7.10	2.56
11	DISCHARGE CFS	6770.	1050.	5325.	345.
90.	VELOCITY FPS	7.25	3.61	7.91	3.09
12	DISCHARGE CFS	9518.	1868.	6986.	664.
127.	VELOCITY FPS	7.79	4.34	8.72	3.60
13	DISCHARGE CFS	13384.	3080.	8789.	1516.
179.	VELOCITY FPS	7.17	4.01	8.45	2.29
14	DISCHARGE CFS	18819.	4541.	10600.	3677.
251.	VELOCITY FPS	7.21	4.25	8.27	2.99
15	DISCHARGE CFS	22673.	5213.	11529.	5431.
303.	VELOCITY FPS	7.07	4.51	9.06	3.31
1	ELEV 986.0 KD	2755.	1.	2753.	1.
2	ELEV 986.5 KD	4073.	1.	4071.	1.
3	ELEV 987.3 KD	6360.	1.	6358.	1.
4	ELEV 988.2 KD	9357.	1.	9355.	1.
5	ELEV 989.2 KD	13472.	1.	13470.	1.
6	ELEV 990.3 KD	18697.	1.	18693.	3.
7	ELEV 991.5 KD	25792.	4.	25720.	69.
8	ELEV 992.8 KD	34781.	345.	34087.	349.
9	ELEV 994.2 KD	49456.	2734.	45682.	1040.
10	ELEV 995.8 KD	70324.	7644.	60229.	2451.
11	ELEV 997.6 KD	98255.	15092.	78216.	4948.
12	ELEV 999.8 KD	140023.	27384.	102931.	9708.
13	ELEV 1004.2 KD	241670.	55846.	159221.	26602.
14	ELEV 1006.7 KD	347449.	83798.	196749.	66902.
15	ELEV 1008.4 KD	436110.	109872.	222661.	103578.

KD-TABLE-FOR-CROSS-SECTION-30

ELEVATION	AREA	KD	KD BY SEGMENT		
983.80	0.				
984.	4.	19.	1.	17.	1.
985.	40.	941.	1.	939.	1.
986.	80.	2777.	1.	2775.	1.
987.	122.	5356.	1.	5354.	1.
988.	167.	8617.	1.	8615.	1.
989.	215.	12536.	1.	12534.	1.
990.	265.	17185.	1.	17182.	2.
991.	320.	22766.	1.	22737.	28.
992.	387.	29208.	18.	28968.	150.
993.	483.	37032.	583.	35913.	431.
994.	601.	47232.	2301.	43926.	914.
995.	726.	59242.	4905.	52627.	1641.
996.	857.	72908.	8250.	61943.	2648.
997.	994.	88211.	12361.	71869.	3982.
998.	1138.	105107.	17043.	82355.	5648.
999.	1288.	123623.	22429.	93411.	7702.
1000.	1444.	143770.	28496.	105022.	10175.
1001.	1618.	164416.	35221.	117171.	11950.
1002.	1814.	184625.	42666.	129858.	12101.
1003.	2079.	210895.	50648.	143037.	17023.
1004.	2405.	237552.	55450.	156732.	24780.
1005.	2778.	267607.	59689.	170932.	36629.
1006.	3176.	312435.	73224.	185612.	53186.
1007.	3586.	361353.	87700.	200764.	72117.
1008.	4008.	414789.	103570.	216406.	94568.
1009.	4442.	472060.	120175.	232501.	118921.
1010.	4888.	533518.	137854.	249057.	146164.
1011.	5342.	599467.	156741.	266078.	176649.
1012.	5814.	668937.	176182.	283524.	208849.
1013.	6295.	742896.	196797.	301424.	244388.
1014.	6788.	820965.	218300.	319757.	282601.
1015.	7293.	903179.	240705.	338520.	323630.
1016.	7807.	989837.	264138.	357716.	367830.
1017.	8338.	1080344.	288258.	377320.	414445.
1018.	8874.	1175685.	313559.	397358.	464768.
1019.	9431.	1274625.	339371.	417787.	517176.
1020.	9990.	1380118.	366472.	438642.	574822.
1021.	10560.	1496877.	394818.	459867.	641664.
1022.	11130.	1618117.	423989.	481536.	712139.
1023.	11700.	1737602.	452260.	503518.	779339.
1024.	12270.	1862556.	481629.	525911.	850941.
1025.	12840.	1993098.	512115.	548714.	927121.

RATING TABLE FOR SECTION 74 DA= 74.5

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	984.3	0.0	0.0						
1	987.7	147.5	223.8	.00	2.52	.00	1.98	985.4	.00108
2	986.4	185.5	314.3	.00	2.59	.00	2.28	985.6	.00105
3	989.2	223.6	442.0	.00	2.65	.00	3.91	985.9	.00117
4	990.2	276.9	621.7	.00	2.74	.00	5.50	986.3	.00121
5	991.4	341.2	873.8	.00	2.85	.00	7.73	986.7	.00127
ZERO DAMG	992.2	385.3	1094.5	.00	2.92	.00			
6	992.7	440.3	1228.8	3.05	2.96	.00	10.87	987.3	.00141
7	994.0	766.5	1727.3	18.90	3.08	.00	15.28	988.0	.00137
BANK FULL	994.3	869.4	1931.3	24.83	3.10	.00			
8	995.0	1303.4	2428.1	28.95	3.11	.00	21.48	988.9	.00120
9	996.1	2047.6	3413.9	33.20	3.11	.00	30.20	990.0	.00091
10	997.5	3007.7	4800.9	34.19	3.11	.00	42.47	991.4	.00065
11	999.1	4213.7	6750.9	34.93	3.11	.00	59.72	994.4	.00048
12	1001.3	5823.2	9491.0	35.90	3.11	.00	83.96	994.8	.00036
13	1005.3	8852.9	13345.7	37.65	3.11	.00	118.06	995.4	.00019
14	1007.8	10900.5	18765.0	38.67	3.11	.00	166.00	996.0	.00020
15	1009.4	12210.5	22608.4	39.04	3.11	.00	200.00	996.4	.00020

SEGMENT TABLE FOR SECTION 74

CSM		TOTAL	SEG NO 1 B	2 C	3 D
1	DISCHARGE CFS	224.	0.	224.	0.
3.	VELOCITY FPS	1.52	.00	1.52	.00
2	DISCHARGE CFS	314.	0.	314.	0.
4.	VELOCITY FPS	1.69	.00	1.69	.00
3	DISCHARGE CFS	442.	0.	442.	0.
6.	VELOCITY FPS	1.98	.00	1.98	.00
4	DISCHARGE CFS	622.	0.	622.	0.
8.	VELOCITY FPS	2.25	.00	2.25	.00
5	DISCHARGE CFS	874.	0.	874.	0.
12.	VELOCITY FPS	2.56	.00	2.56	.00
6	DISCHARGE CFS	1229.	0.	1214.	15.
16.	VELOCITY FPS	2.94	.00	2.95	.53
7	DISCHARGE CFS	1727.	29.	1532.	166.
23.	VELOCITY FPS	2.98	.46	3.13	.78
8	DISCHARGE CFS	2428.	206.	1714.	508.
33.	VELOCITY FPS	2.72	.76	3.12	1.05
9	DISCHARGE CFS	3414.	592.	1810.	1012.
46.	VELOCITY FPS	2.31	.96	2.94	1.24
10	DISCHARGE CFS	4801.	1244.	1892.	1665.
64.	VELOCITY FPS	1.97	1.14	2.71	1.36
11	DISCHARGE CFS	6751.	2185.	2028.	2537.
91.	VELOCITY FPS	1.83	1.30	2.55	1.47
12	DISCHARGE CFS	9491.	3511.	2251.	3729.
127.	VELOCITY FPS	1.76	1.41	2.43	1.55
13	DISCHARGE CFS	13346.	5516.	2421.	5409.
179.	VELOCITY FPS	1.56	1.37	2.08	1.48
14	DISCHARGE CFS	18765.	8078.	3028.	7659.
252.	VELOCITY FPS	1.77	1.59	2.30	1.70
15	DISCHARGE CFS	22608.	9949.	3432.	9227.
304.	VELOCITY FPS	1.89	1.73	2.43	1.83
1	ELEV 987.7 KD	6800.	1.	6798.	1.
2	ELEV 988.4 KD	9715.	1.	9713.	1.
3	ELEV 989.2 KD	12934.	1.	12932.	1.
4	ELEV 990.2 KD	17891.	1.	17889.	1.
5	ELEV 991.4 KD	24488.	1.	24486.	1.
6	ELEV 992.7 KD	32352.	1.	32329.	22.
7	ELEV 994.0 KD	45368.	151.	41571.	3645.
8	ELEV 995.0 KD	68265.	4683.	50042.	13540.
9	ELEV 996.1 KD	112295.	18794.	60503.	32997.
10	ELEV 997.5 KD	188383.	48225.	24333.	65325.
11	ELEV 999.1 KD	306389.	98537.	92835.	115018.
12	ELEV 1001.3 KD	502271.	185503.	119457.	197311.
13	ELEV 1005.3 KD	961461.	397307.	174489.	389665.
14	ELEV 1007.8 KD	1327993.	571275.	214684.	542033.
15	ELEV 1009.4 KD	1590106.	699374.	241713.	649020.

KD TABLE FOR CROSS-SECTION 74

ELEVATION	AREA	KD	KD BY SEGMENT		
984.30	0.				
985.	24.	362.	1.	360.	1.
986.	69.	2024.	1.	2022.	1.
987.	115.	4617.	1.	4615.	1.
988.	164.	7990.	1.	7988.	1.
989.	214.	12057.	1.	12055.	1.
990.	265.	16769.	1.	16767.	1.
991.	319.	22092.	1.	22090.	1.
992.	374.	28007.	1.	28005.	1.
993.	483.	35207.	1.	34494.	169.
994.	765.	46615.	148.	41546.	3624.
995.	1290.	69356.	4487.	49841.	13211.
996.	1955.	106986.	16432.	59200.	30117.
997.	2663.	158267.	35680.	69245.	52120.
998.	3383.	221733.	62042.	79918.	79107.
999.	4110.	295292.	93850.	91199.	110426.
1000.	4846.	379694.	130737.	103638.	145800.
1001.	5591.	472276.	171989.	115504.	184683.
1002.	6346.	572870.	217288.	128487.	226814.
1003.	7108.	682974.	267737.	142033.	273007.
1004.	7877.	801995.	322892.	156126.	322929.
1005.	8657.	927924.	381491.	170729.	375586.
1006.	9445.	1062000.	444396.	185853.	431619.
1007.	10241.	1204823.	512126.	201494.	491114.
1008.	11045.	1356251.	584865.	217632.	553658.
1009.	11855.	1516720.	663145.	234260.	619176.
1010.	12666.	1686875.	747203.	251389.	688257.
1011.	13483.	1862696.	833948.	268279.	759669.
1012.	14302.	2046530.	925043.	287051.	834356.
1013.	15124.	2237982.	1020194.	305598.	912167.
1014.	15952.	2434784.	1117859.	324586.	992245.
1015.	16780.	2640400.	1220403.	344054.	1075924.
1016.	17614.	2850944.	1325181.	363949.	1161739.
1017.	18449.	3069493.	1434287.	384306.	1250866.
1018.	19289.	3293858.	1546227.	405098.	1342487.
1019.	20132.	3525515.	1661768.	426325.	1437377.
1020.	20978.	3764258.	1780736.	447988.	1535503.
1021.	21826.	4005022.	1899209.	470010.	1635552.
1022.	22674.	4251012.	2019648.	492437.	1738367.
1023.	23522.	4505064.	2144266.	515304.	1844695.
1024.	24370.	4767244.	2273100.	538609.	1954565.

TABLE OF VALUES FOR BPR EQUATION

COEFK	AKB	DGTAK	SIGMA	DKE	DKS	M	ALPHA	ALPHA2	BRIDA	APPAR	AEXIT
.0000	.0000	.0000	.0000	.0000	.0000	1.0000	1.0000	1.5031	192.9309	201.6840	169.2627
DCRIT	985.38	KBCRIT=									
.0000	.0000	.0000	.0000	.0000	.0000	1.0000	1.0000	1.5031	261.8015	248.4977	209.7171
DCRIT	985.59	KBCRIT=									
.0000	.0000	.0000	.0000	.0000	.0000	1.0000	1.0000	1.5031	346.7046	327.4221	252.4789
DCRIT	985.88	KBCRIT=									
.0000	.0000	.0000	.0000	.0000	.0000	1.0000	1.0000	1.5031	455.6904	617.2893	-308.1653
DCRIT	986.22	KBCRIT=									
.0177	.0000	.0177	.9990	.0000	.0000	.9999	1.0000	1.0000	591.7842	1710.8306	377.6665
DCRIT	986.65	KBCRIT=									
2.1760	2.1604	.0156	.4906	.0000	.0000	.3062	1.5142	1.1575	749.7471	3550.2290	-552.9575
DCRIT	987.19	KBCRIT=									
2.5105	2.4944	.0161	.4097	.0000	.0000	.2397	1.2503	1.0600	913.4893	5239.6914	1075.6187
DCRIT	987.87	KBCRIT=									
2.6433	2.6272	.0161	.3779	.0000	.0000	.2143	1.1636	1.0350	1041.9519	6535.8437	1651.7598
DCRIT	989.03	KBCRIT=									
2.7368	2.7209	.0159	.3557	.0000	.0000	.1966	1.1106	1.0217	1192.2302	8005.7734	2360.8811
DCRIT	989.72	KBCRIT=									
2.8063	2.7906	.0157	.3393	.0000	.0000	.1836	1.0756	1.0139	1381.8142	9894.7500	3239.1624
DCRIT	990.56	KBCRIT=									
2.8583	2.8427	.0156	.3271	.0000	.0000	.1740	1.0522	1.0091	1630.790312363.8555		4387.3242
DCRIT	991.67	KBCRIT=									
2.9012	2.8859	.0153	.3170	.0000	.0000	.1661	1.0369	1.0061	1971.278615750.6406		5948.1797
DCRIT	993.06	KBCRIT=									
2.9550	2.9403	.0147	.3043	.0000	.0000	.1562	1.0216	1.0034	2616.959521540.6328		8889.5000
DCRIT	994.70	KBCRIT=									
2.9757	2.9597	.0161	.2998	.0000	.0000	.1527	1.0173	1.0026	2881.655024047.6797	10942.3164	
DCRIT	996.62	KBCRIT=									
.0000	.0000	.0000	.0000	.0000	.0000	.0000	1.0173	1.0026	2881.655024047.6797	10942.3164	
DCRIT	-1.00	KBCRIT=									

ROAD-SECTION-US601

NO.	HW	CFS	HL	TW	CSM
0	984.40	0.00	0.00	0.00	0.00
1	988.21	223.82	.00	988.21	1.98
2	989.02	314.26	.00	989.02	2.78
3	989.86	441.99	.00	989.86	3.91
4	990.91	621.73	.00	990.91	5.50
5	992.25	873.81	.08	992.17	7.73
6	993.71	1228.77	.22	993.49	10.87
7	995.00	1727.28	.26	994.74	15.28
8	996.98	2428.14	.32	996.66	21.48
9	997.08	3413.87	.40	996.68	30.20
10	998.46	4800.89	.56	997.90	42.47
11	1000.24	6750.87	.76	999.48	59.72
12	1002.62	9491.00	1.04	1001.57	83.96
13	1006.56	13345.74	1.16	1005.40	118.06
14	1009.79	18764.97	1.82	1007.97	166.00
15	1012.01	22608.39	2.42	1009.59	200.00

MIN-ROAD-ELEVATION = 1010.10

BRIDGE TYPE 2 GIRDER BOTTOM ELEVATION = 1005.60 OPENING NO.= 1

RATING TABLE FOR SECTION 76 DA= 74.5

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	987.6	0.0	0.0	.00	.13	.00	1.78	988.5	.01088
1	989.1	75.3	223.8	.00	.14	.00	2.78	988.7	.00687
2	989.7	107.2	314.3	.00	.14	.00	3.91	989.0	.00559
3	990.3	141.8	442.0	.00	.14	.00	5.50	989.3	.00420
4	991.3	192.8	621.7	.00	.14	.00	7.73	989.7	.00321
5	992.4	263.7	873.8	.00	.15	.00			
ZERO DAMG	992.6	279.6	913.3	.00	.15	.00			
6	993.8	504.2	1228.8	.68	.16	.00	10.87	990.3	.00225
7	995.1	1303.6	1727.3	2.24	.16	.00	15.28	990.9	.00116
BANK-FULL	995.6	1849.0	2116.6	2.67	.16	.00			
8	996.0	2390.7	2428.1	3.01	.16	.00	21.48	991.7	.00066
9	997.1	3773.7	3413.9	3.11	.16	.00	30.20	993.7	.00037
10	998.5	5571.6	4800.9	3.17	.16	.00	42.47	994.3	.00022
11	1000.2	7937.2	6750.9	3.25	.16	.00	59.72	994.8	.00014
12	1002.6	11191.9	9491.0	3.35	.16	.00	83.96	995.2	.00010
13	1006.6	16806.8	13345.7	3.52	.16	.00	118.06	995.6	.00005
14	1009.8	21563.3	18765.0	3.57	.16	.00	166.00	996.0	.00003
15	1012.0	24854.9	22608.4	3.59	.16	.00	200.00	996.3	.00004

SEGMENT TABLE FOR SECTION 76

CSN			TOTAL	SEG NO 1 D	2 C	3 D
1		DISCHARGE CFS	224.	0.	224.	0.
	3.	VELOCITY FPS	2.98	.00	2.97	.00
2		DISCHARGE CFS	314.	0.	314.	0.
	4.	VELOCITY FPS	2.93	.00	2.93	.00
3		DISCHARGE CFS	442.	0.	442.	0.
	6.	VELOCITY FPS	3.12	.00	3.12	.00
4		DISCHARGE CFS	622.	0.	622.	0.
	8.	VELOCITY FPS	3.23	.00	3.22	.00
5		DISCHARGE CFS	874.	0.	873.	1.
	12.	VELOCITY FPS	3.34	.00	3.34	.56
6		DISCHARGE CFS	1229.	0.	1106.	123.
	16.	VELOCITY FPS	3.08	.14	3.21	.77
7		DISCHARGE CFS	1727.	145.	1062.	521.
	23.	VELOCITY FPS	2.10	.56	2.51	.84
8		DISCHARGE CFS	2428.	494.	971.	963.
	33.	VELOCITY FPS	1.49	.66	2.00	.83
9		DISCHARGE CFS	3414.	991.	922.	1501.
	46.	VELOCITY FPS	1.12	.70	1.66	.83
10		DISCHARGE CFS	4801.	1674.	932.	2195.
	64.	VELOCITY FPS	.96	.73	1.45	.83
11		DISCHARGE CFS	6751.	2626.	992.	3133.
	91.	VELOCITY FPS	.90	.76	1.31	.84
12		DISCHARGE CFS	9491.	3961.	1107.	4424.
	127.	VELOCITY FPS	.88	.78	1.21	.85
13		DISCHARGE CFS	13346.	5902.	1240.	6204.
	179.	VELOCITY FPS	.81	.74	1.06	.81
14		DISCHARGE CFS	18765.	8629.	1538.	8598.
	252.	VELOCITY FPS	.86	.82	1.11	.89
15		DISCHARGE CFS	22608.	10608.	1735.	10265.
	304.	VELOCITY FPS	.92	.87	1.14	.92
1	ELEV	989.1 KD	2146.	1.	2144.	1.
2	ELEV	989.7 KD	3791.	1.	3789.	1.
3	ELEV	990.3 KD	5914.	1.	5912.	1.
4	ELEV	991.3 KD	9598.	1.	9596.	1.
5	ELEV	992.4 KD	15398.	1.	15396.	1.
6	ELEV	993.8 KD	25382.	3.	23384.	1995.
7	ELEV	995.1 KD	49566.	3132.	31863.	14571.
8	ELEV	996.0 KD	92448.	16760.	39400.	36287.
9	ELEV	997.1 KD	177419.	50186.	49281.	77953.
10	ELEV	998.5 KD	323876.	112561.	63242.	148073.
11	ELEV	1000.2 KD	561768.	217835.	83177.	260756.
12	ELEV	1002.6 KD	967762.	403382.	113250.	451130.
13	ELEV	1006.6 KD	1837591.	812193.	171041.	854357.
14	ELEV	1009.8 KD	2747682.	1263207.	225327.	1259148.
15	ELEV	1012.0 KD	3462589.	1624259.	265993.	1572337.

KD TABLE FOR CROSS SECTION 76

ELEVATION	AREA	KD	KD BY SEGMENT		
987.60	0.				
988.	18.	200.	1.	198.	1.
989.	69.	1875.	1.	1873.	1.
990.	123.	4707.	1.	4705.	1.
991.	178.	8477.	1.	8475.	1.
992.	235.	13083.	1.	13081.	1.
993.	321.	18703.	1.	18457.	86.
994.	553.	27839.	5.	24562.	3272.
995.	1233.	48529.	2694.	31368.	13545.
996.	2359.	92786.	16229.	39184.	35521.
997.	3643.	169411.	46575.	48311.	73641.
998.	4946.	268881.	88535.	58246.	121610.
999.	6266.	388276.	140506.	68910.	178551.
1000.	7605.	525739.	201568.	80275.	243626.
1001.	8959.	681764.	272166.	92332.	317153.
1002.	10330.	854698.	351384.	105056.	398259.
1003.	11721.	1042104.	437820.	118414.	485779.
1004.	13128.	1245889.	532706.	132408.	580665.
1005.	14553.	1466015.	635556.	147021.	682313.
1006.	15990.	1700500.	747018.	162250.	791183.
1007.	17446.	1949739.	865704.	178068.	905918.
1008.	18915.	2219668.	998507.	194460.	1026572.
1009.	20396.	2507772.	1142473.	211435.	1153772.
1010.	21867.	2811892.	1295663.	228978.	1287249.
1011.	23348.	3126685.	1454186.	247058.	1425336.
1012.	24832.	3457427.	1621616.	265697.	1570047.
1013.	26318.	3801477.	1796174.	284875.	1720386.
1014.	27809.	4157209.	1976816.	304576.	1875745.
1015.	29301.	4527588.	2165518.	324811.	2037242.
1016.	30797.	4909108.	2359950.	345555.	2203560.
1017.	32297.	5303140.	2561048.	366810.	2375224.
1018.	33799.	5710652.	2769452.	388577.	2552596.
1019.	35305.	6128483.	2983099.	410833.	2734506.
1020.	36812.	6560711.	3204661.	433597.	2922453.
1021.	38322.	7006324.	3430992.	456831.	3118460.
1022.	39832.	7464007.	3663758.	480553.	3319654.
1023.	41342.	7921644.	3895860.	504697.	3520828.
1024.	42852.	8393416.	4135580.	529333.	3728082.
1025.	44362.	8879360.	4382960.	554454.	3941422.

RATING TABLE FOR SECTION 3 DA= 71.9

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	988.0	0.0	0.0						
1	990.3	92.1	219.4	.00	.36	.00	1.98	989.2	.00391
2	990.9	117.1	308.0	.00	.36	.00	2.78	989.4	.00363
3	991.5	150.2	433.3	.00	.38	.00	3.91	989.7	.00331
4	992.3	188.3	609.4	.00	.39	.00	5.50	990.1	.00327
5	993.4	245.6	856.5	.00	.41	.00	7.73	990.6	.00289
ZERO DAMG	993.8	291.8	982.5	.00	.42	.00			
BANK FULL	994.0	326.0	1042.2	1.22	.42	.00			
6	994.5	467.1	1204.3	2.28	.42	.00	10.87	991.1	.00234
7	995.5	1018.9	1693.1	4.66	.42	.00	15.28	991.8	.00148
8	996.4	1619.5	2380.2	5.29	.42	.00	21.48	992.7	.00107
9	997.3	2376.4	3346.4	5.56	.42	.00	30.20	994.6	.00077
10	998.6	3412.4	4706.0	5.72	.42	.00	42.47	995.1	.00053
11	1000.3	4829.3	6617.4	5.94	.42	.00	59.72	995.4	.00036
12	1002.7	6872.3	9303.4	6.51	.42	.00	83.96	995.9	.00026
13	1006.6	10717.2	13082.0	7.40	.42	.00	118.06	996.3	.00014
14	1009.8	14147.1	18394.1	7.90	.42	.00	166.00	996.9	.00012
15	1012.0	16640.6	22161.6	8.32	.42	.00	200.00	997.2	.00011

SEGMENT TABLE FOR SECTION 3

CSM		TOTAL	SEG NO 1 D	SEG NO 2 C	SEG NO 3 D
1	DISCHARGE CFS	219.	0.	219.	0.
3.	VELOCITY FPS	2.38	.00	2.38	.00
2	DISCHARGE CFS	308.	0.	308.	0.
4.	VELOCITY FPS	2.64	.00	2.63	.00
3	DISCHARGE CFS	433.	0.	433.	0.
6.	VELOCITY FPS	2.89	.00	2.88	.00
4	DISCHARGE CFS	609.	0.	609.	0.
8.	VELOCITY FPS	3.24	.00	3.24	.00
5	DISCHARGE CFS	857.	0.	857.	0.
12.	VELOCITY FPS	3.49	.00	3.49	.00
6	DISCHARGE CFS	1204.	103.	1093.	8.
17.	VELOCITY FPS	3.42	.72	3.53	.61
7	DISCHARGE CFS	1693.	504.	1126.	64.
24.	VELOCITY FPS	2.65	.88	3.08	.78
8	DISCHARGE CFS	2380.	1059.	1166.	156.
33.	VELOCITY FPS	2.19	1.01	2.83	.95
9	DISCHARGE CFS	3346.	1832.	1227.	287.
47.	VELOCITY FPS	1.86	1.12	2.63	1.07
10	DISCHARGE CFS	4706.	2930.	1304.	473.
65.	VELOCITY FPS	1.64	1.19	2.42	1.14
11	DISCHARGE CFS	6617.	4451.	1432.	735.
92.	VELOCITY FPS	1.53	1.24	2.26	1.19
12	DISCHARGE CFS	9303.	6531.	1648.	1125.
129.	VELOCITY FPS	1.46	1.26	2.15	1.23
13	DISCHARGE CFS	13082.	9578.	1841.	1665.
182.	VELOCITY FPS	1.28	1.16	1.87	1.15
14	DISCHARGE CFS	18394.	13768.	2264.	2363.
256.	VELOCITY FPS	1.35	1.25	1.94	1.21
15	DISCHARGE CFS	22162.	16746.	2551.	2865.
306.	VELOCITY FPS	1.38	1.28	1.96	1.24
1	ELEV 990.3 KD	3509.	1.	3507.	1.
2	ELEV 990.9 KD	5113.	1.	5111.	1.
3	ELEV 991.5 KD	7535.	1.	7533.	1.
4	ELEV 992.3 KD	10659.	1.	10657.	1.
5	ELEV 993.4 KD	15922.	1.	15920.	1.
6	ELEV 994.5 KD	24379.	1476.	22840.	63.
7	ELEV 995.5 KD	43090.	11754.	29954.	1382.
8	ELEV 996.4 KD	71790.	30758.	36614.	4418.
9	ELEV 997.3 KD	120385.	65164.	45048.	10173.
10	ELEV 998.6 KD	204694.	126928.	57327.	20439.
11	ELEV 1000.3 KD	346312.	232582.	75380.	38350.
12	ELEV 1002.7 KD	580698.	407471.	103069.	70159.
13	ELEV 1006.6 KD	1111313.	813153.	156699.	141461.
14	ELEV 1009.8 KD	1684222.	1260392.	207510.	216320.
15	ELEV 1012.0 KD	2134160.	1612578.	245670.	275913.

KD TABLE FOR CROSS SECTION 3

ELEVATION	AREA	KD	KD-BY-SEGMENT		
988.00	0.				
989.	31.	614.	1.	612.	1.
990.	76.	2600.	1.	2598.	1.
991.	123.	5562.	1.	5560.	1.
992.	173.	9377.	1.	9374.	1.
993.	225.	13985.	1.	13983.	1.
994.	326.	19901.	36.	19425.	6.
995.	696.	32102.	4602.	26037.	370.
996.	1341.	58904.	22174.	33681.	3049.
997.	2112.	103417.	53120.	42090.	8207.
998.	2904.	162465.	95956.	51232.	15277.
999.	3713.	233774.	148611.	61078.	24085.
1000.	4538.	316542.	210407.	71606.	34530.
1001.	5382.	408578.	279228.	82785.	46439.
1002.	6256.	507579.	352897.	94609.	59959.
1003.	7165.	615937.	433244.	107059.	75032.
1004.	8112.	734999.	523178.	120120.	91625.
1005.	9094.	866538.	622984.	133777.	109711.
1006.	10108.	1016981.	739660.	148011.	129237.
1007.	11141.	1179011.	865884.	162812.	150200.
1008.	12188.	1351434.	1000569.	178180.	172618.
1009.	13251.	1532295.	1141832.	194101.	196360.
1010.	14347.	1719305.	1287776.	210548.	220925.
1011.	15466.	1917175.	1442484.	227531.	247090.
1012.	16600.	2126416.	1606448.	245050.	274918.
1013.	17768.	2355292.	1787859.	263064.	304282.
1014.	18946.	2596752.	1979731.	281600.	335360.
1015.	20137.	2849820.	2181024.	300636.	368122.
1016.	21348.	3112643.	2389840.	320161.	402573.
1017.	22569.	3387037.	2608026.	340183.	438799.
1018.	23810.	3670815.	2835310.	360677.	476761.
1019.	25061.	3968113.	3069250.	381657.	517149.
1020.	26328.	4279236.	3315686.	403106.	560389.
1021.	27600.	4602460.	3570676.	424981.	606357.
1022.	28875.	4938248.	3834864.	447293.	654988.
1023.	30150.	5287712.	4110070.	470070.	705938.
1024.	31425.	5651012.	4396436.	493332.	759246.

RATING TABLE FOR SECTION 4 DA= 71.7

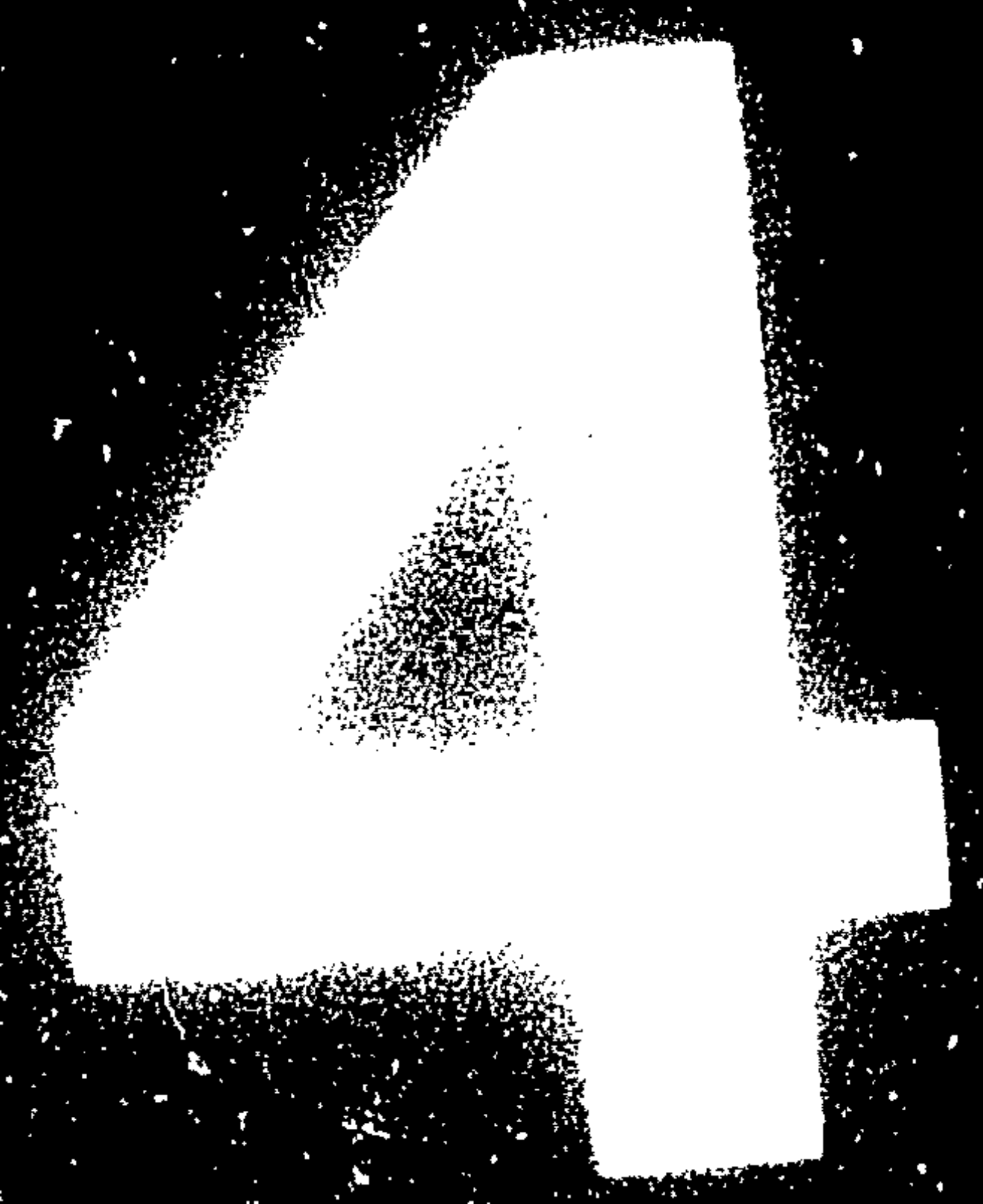
	NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
	0	992.5	0.0	0.0						
ZERO DAMG		996.5	96.0	218.8	.00	1.84	.00			
*****WARNING--BANKFULL OR ZERO DAMAGE ELEV BELOW FIRST PROFILE. FLOW INTERPOLATED LINEARLY FROM CHANNEL BOTTOM*****										
	1	996.5	97.6	218.9	.57	1.85	.00	1.98	994.6	.00277
	2	997.0	136.3	307.4	2.89	2.02	.00	2.78	995.0	.00307
	3	997.6	251.7	432.3	12.72	2.29	.00	3.91	995.5	.00286
	4	998.1	419.5	608.1	28.18	2.40	.00	5.50	996.0	.00270
	5	998.3	644.2	854.6	34.78	2.48	.00	7.73	997.0	.00290
BANK FULL		998.5	826.2	1016.7	39.55	2.54	.00			
	6	998.7	1033.9	1201.8	45.01	2.60	.00	10.87	997.5	.00215
	7	999.1	1546.0	1689.3	54.06	2.66	.00	15.28	997.9	.00164
	8	999.5	2115.1	2374.8	61.28	2.66	.00	21.48	998.2	.00141
	9	1000.0	2780.8	3338.2	65.19	2.66	.00	30.20	998.3	.00127
	10	1000.5	3668.9	4695.4	67.35	2.66	.00	42.47	998.5	.00105
	11	1001.6	5335.4	6602.5	68.02	2.66	.00	59.72	998.8	.00063
	12	1003.3	8218.5	9282.5	69.16	2.66	.00	83.96	999.1	.00031
	13	1006.8	14045.6	13052.5	71.41	2.66	.00	118.06	999.4	.00011
	14	1010.0	19460.4	18352.6	72.24	2.66	.00	166.00	999.8	.00007
	15	1012.2	23266.5	22111.6	73.68	2.66	.00	200.00	1000.0	.00006

SEGMENT TABLE FOR SECTION 4

CSM			TOTAL	SEG NO 1 D	2 C	3 D
1		DISCHARGE CFS	219.	0.	219.	0.
	3.	VELOCITY FPS	2.28	.25	2.27	.00
2		DISCHARGE CFS	307.	11.	295.	1.
	4.	VELOCITY FPS	2.52	.63	2.55	.35
3		DISCHARGE CFS	432.	50.	366.	17.
	6.	VELOCITY FPS	2.48	.58	2.58	.70
4		DISCHARGE CFS	608.	109.	453.	46.
	8.	VELOCITY FPS	2.38	.57	2.72	.75
5		DISCHARGE CFS	855.	288.	478.	89.
	12.	VELOCITY FPS	2.37	.80	2.65	.85
6		DISCHARGE CFS	1202.	553.	499.	150.
	17.	VELOCITY FPS	1.86	.85	2.47	.84
7		DISCHARGE CFS	1689.	921.	518.	250.
	24.	VELOCITY FPS	1.59	.88	2.29	.91
8		DISCHARGE CFS	2375.	1404.	582.	389.
	33.	VELOCITY FPS	1.48	.95	2.33	1.01
9		DISCHARGE CFS	3339.	2117.	647.	575.
	47.	VELOCITY FPS	1.48	1.06	2.35	1.13
10		DISCHARGE CFS	4695.	3136.	731.	829.
	66.	VELOCITY FPS	1.44	1.16	2.37	1.24
11		DISCHARGE CFS	6603.	4669.	761.	1172.
	92.	VELOCITY FPS	1.32	1.17	2.07	1.22
12		DISCHARGE CFS	9282.	6833.	803.	1647.
	130.	VELOCITY FPS	1.17	1.09	1.71	1.12
13		DISCHARGE CFS	13052.	9885.	863.	2304.
	182.	VELOCITY FPS	.94	.91	1.28	.93
14		DISCHARGE CFS	18353.	14073.	1068.	3212.
	256.	VELOCITY FPS	.95	.93	1.25	.94
15		DISCHARGE CFS	22112.	17054.	1215.	3843.
	309.	VELOCITY FPS	.96	.94	1.24	.94
1	ELEV	996.5 KD	4156.	5.	4149.	1.
2	ELEV	997.0 KD	5423.	69.	5348.	6.
3	ELEV	997.6 KD	7787.	700.	6993.	94.
4	ELEV	998.1 KD	11603.	2037.	8751.	815.
5	ELEV	998.3 KD	14974.	3826.	9723.	1426.
6	ELEV	998.7 KD	24565.	10176.	11396.	2993.
7	ELEV	999.1 KD	41186.	21791.	13551.	5844.
8	ELEV	999.5 KD	62844.	36701.	16024.	10119.
9	ELEV	1000.0 KD	93254.	58430.	18839.	15985.
10	ELEV	1000.5 KD	145084.	96763.	22715.	25606.
11	ELEV	1001.6 KD	263797.	186411.	30554.	46833.
12	ELEV	1003.3 KD	529911.	389871.	46004.	94036.
13	ELEV	1006.8 KD	1262347.	955945.	83528.	222874.
14	ELEV	1010.0 KD	2141541.	1641935.	124791.	374815.
15	ELEV	1012.2 KD	2860941.	2206532.	157221.	497188.

KD-TABLE-FOR-CROSS-SECTION-4

ELEVATION	AREA	KD	KD-BY-SEGMENT		
992.50	0.				
993.	3.	27.	1.	25.	1.
994.	19.	436.	1.	434.	1.
995.	43.	1396.	1.	1394.	1.
996.	75.	2992.	1.	2990.	1.
997.	136.	5518.	65.	5327.	6.
998.	397.	11168.	1778.	8504.	619.
999.	1361.	36138.	18261.	12803.	4852.
1000.	2808.	94953.	59386.	18951.	16230.
1001.	4407.	191480.	131215.	26032.	33884.
1002.	6026.	319067.	228231.	34010.	56647.
1003.	7661.	471806.	345142.	42815.	83742.
1004.	9310.	647929.	480803.	52408.	114867.
1005.	10974.	845516.	633020.	62749.	149680.
1006.	12652.	1065427.	803216.	73843.	188332.
1007.	14344.	1306056.	989899.	85650.	230494.
1008.	16051.	1567431.	1193466.	98127.	275824.
1009.	17767.	1848030.	1412457.	111262.	324285.
1010.	19492.	2147232.	1646360.	125049.	375787.
1011.	21225.	2465976.	1896130.	139502.	430328.
1012.	22967.	2801676.	2159932.	154578.	487157.
1013.	24723.	3153024.	2436094.	170234.	546677.
1014.	26486.	3522641.	2726844.	186510.	609272.
1015.	28259.	3909844.	3031592.	203391.	674849.
1016.	30045.	4311504.	3347695.	220813.	742977.
1017.	31839.	4730724.	3677785.	238827.	814099.
1018.	33642.	5166848.	4021299.	257418.	888128.
1019.	35459.	5616820.	4375636.	276523.	964646.
1020.	37281.	6088260.	4746844.	296204.	1045205.
1021.	39111.	6585256.	5137680.	316410.	1131163.
1022.	40941.	7087972.	5533032.	336994.	1217863.
1023.	42771.	7603350.	5938466.	358060.	1306635.
1024.	44601.	8137738.	6359068.	379478.	1398700.
1025.	46431.	8691200.	6794912.	401907.	1494066.



RATING TABLE FOR SECTION 31 DA= 71.3

RATING NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	995.3	0.0	0.0						
1	998.8	145.1	218.3	.00	2.81	.00	1.98	996.7	.00101
2	999.4	176.7	306.5	.00	2.89	.00	2.78	996.9	.00108
3	1000.2	221.7	431.1	.00	3.00	.00	3.91	997.2	.00107
4	1001.0	267.0	606.3	.00	3.11	.00	5.50	997.6	.00121
5	1001.9	314.6	859.3	.00	3.22	.00	7.73	998.0	.00148
ZERO DAMG	1002.5	353.2	1094.8	.00	3.31	.00			
6	1002.8	412.4	1198.4	5.88	3.35	.00	10.87	998.5	.00174
7	1003.6	736.1	1684.5	25.23	3.44	.00	15.28	999.2	.00184
BANK FULL	1003.6	736.5	1685.2	25.25	3.44	.00			
8	1004.1	1091.6	2368.1	37.79	3.47	.00	21.48	1000.1	.00218
9	1004.8	1769.8	3329.4	51.54	3.49	.00	30.20	1001.1	.00197
10	1005.3	2343.5	4682.1	60.99	3.51	.00	42.47	1002.4	.00215
11	1005.9	3206.4	6583.8	63.92	3.52	.00	59.72	1004.0	.00201
12	1006.8	4447.3	9256.2	65.70	3.52	.00	83.96	1004.4	.00157
13	1008.6	7071.3	13015.5	66.37	3.52	.00	118.06	1004.8	.00074
14	1011.0	10480.4	18300.7	67.24	3.52	.00	166.00	1005.3	.00042
15	1012.8	13219.9	22049.0	67.92	3.52	.00	200.00	1005.5	.00029

SEGMENT TABLE FOR SECTION 31

CSM			TOTAL	SEG NO 1 D	2 C	3 D
1		DISCHARGE CFS	218.	0.	218.	0.
	3.	VELOCITY FPS	1.51	.00	1.50	.00
2		DISCHARGE CFS	306.	0.	306.	0.
	4.	VELOCITY FPS	1.74	.00	1.73	.00
3		DISCHARGE CFS	431.	0.	431.	0.
	6.	VELOCITY FPS	1.95	.00	1.94	.00
4		DISCHARGE CFS	606.	0.	606.	0.
	9.	VELOCITY FPS	2.27	.00	2.27	.00
5		DISCHARGE CFS	852.	0.	852.	0.
	12.	VELOCITY FPS	2.71	.00	2.71	.00
6		DISCHARGE CFS	1198.	11.	1179.	8.
	17.	VELOCITY FPS	3.17	.42	3.19	.51
7		DISCHARGE CFS	1685.	158.	1451.	75.
	24.	VELOCITY FPS	3.31	.73	3.44	.76
8		DISCHARGE CFS	2368.	406.	1784.	178.
	33.	VELOCITY FPS	3.50	.91	3.92	.94
9		DISCHARGE CFS	3329.	988.	1908.	434.
	47.	VELOCITY FPS	3.17	1.08	3.84	1.21
10		DISCHARGE CFS	4682.	1672.	2273.	738.
	66.	VELOCITY FPS	3.16	1.27	4.30	1.47
11		DISCHARGE CFS	6584.	3001.	2403.	1180.
	92.	VELOCITY FPS	2.98	1.54	4.22	1.72
12		DISCHARGE CFS	9256.	4950.	2516.	1790.
	130.	VELOCITY FPS	2.65	1.73	4.02	1.88
13		DISCHARGE CFS	13016.	8008.	2349.	2659.
	182.	VELOCITY FPS	2.04	1.67	3.15	1.75
14		DISCHARGE CFS	18301.	12059.	2417.	3824.
	257.	VELOCITY FPS	1.83	1.65	2.69	1.69
15		DISCHARGE CFS	22049.	14928.	2475.	4646.
	309.	VELOCITY FPS	1.72	1.60	2.42	1.62
1	ELEV 998.8	KD	6885.	1.	6883.	1.
2	ELEV 999.4	KD	9333.	1.	9331.	1.
3	ELEV 1000.2	KD	13191.	1.	13189.	1.
4	ELEV 1001.0	KD	17460.	1.	17458.	1.
5	ELEV 1001.9	KD	22304.	1.	22302.	1.
6	ELEV 1002.8	KD	28372.	11.	28352.	10.
7	ELEV 1003.6	KD	37332.	1785.	34491.	1056.
8	ELEV 1004.1	KD	48468.	6640.	38693.	3135.
9	ELEV 1004.8	KD	72681.	19554.	44566.	8561.
10	ELEV 1005.3	KD	100602.	35348.	49233.	15722.
11	ELEV 1005.9	KD	144998.	63857.	55386.	25755.
12	ELEV 1006.8	KD	232384.	122747.	64779.	44858.
13	ELEV 1008.6	KD	478535.	294123.	86666.	97746.
14	ELEV 1011.0	KD	895527.	590003.	118383.	187142.
15	ELEV 1012.8	KD	1297981.	878211.	146293.	273477.

KD TABLE FOR CROSS-SECTION 31

ELEVATION	AREA	KD	KD BY SEGMENT		
995.30	0.				
996.	11.	138.	1.	136.	1.
997.	55.	1485.	1.	1483.	1.
998.	104.	4066.	1.	4064.	1.
999.	155.	7612.	1.	7610.	1.
1000.	208.	12009.	1.	12007.	1.
1001.	264.	17214.	1.	17212.	1.
1002.	323.	23197.	1.	23195.	1.
1003.	461.	30727.	72.	29943.	56.
1004.	1017.	48154.	5073.	37793.	2509.
1005.	2037.	86333.	25960.	46711.	11405.
1006.	3369.	157242.	70802.	56520.	28071.
1007.	4786.	260834.	141675.	67475.	50806.
1008.	6215.	388694.	230322.	79243.	78316.
1009.	7650.	539888.	336835.	91770.	110820.
1010.	9093.	712012.	458992.	105024.	142762.
1011.	10542.	903778.	595829.	119967.	188378.
1012.	12000.	1112804.	745386.	133626.	233721.
1013.	13467.	1337821.	906711.	148920.	281983.
1014.	14940.	1582149.	1082650.	164892.	334461.
1015.	16420.	1844424.	1272021.	181520.	390849.
1016.	17909.	2120312.	1471265.	198756.	450204.
1017.	19406.	2412450.	1682605.	216616.	513133.
1018.	20908.	2721108.	1906251.	235097.	579701.
1019.	22418.	3044270.	2140558.	254172.	649479.
1020.	23935.	3385497.	2387664.	273832.	723916.
1021.	25455.	3744112.	2647432.	294079.	802541.
1022.	26975.	4096847.	2902282.	314715.	879257.
1023.	28495.	4467996.	3170930.	335962.	966077.
1024.	30015.	4857812.	3453587.	357812.	1045060.

RATING TABLE FOR SECTION 32 DA= 88.4

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	995.7	0.0	0.0						
1	1000.1	170.8	213.1	.00	2.48	.00	1.98	997.4	.00055
2	1000.8	205.6	299.3	.00	2.53	.00	2.78	997.6	.00061
3	1001.6	250.2	420.9	.00	2.61	.00	3.91	997.9	.00066
4	1002.6	302.8	592.1	.00	2.69	.00	5.50	998.2	.00074
5	1003.7	361.9	832.1	.00	2.77	.00	7.73	998.7	.00085
ZERO DAMG	1004.7	421.3	1114.3	.00	2.86	.00			
6	1004.9	501.6	1170.1	6.13	2.87	.00	10.87	999.2	.00095
BANK FULL	1005.6	774.5	1549.2	26.74	2.93	.00			
7	1005.8	889.5	1644.9	31.05	2.94	.00	15.28	999.4	.00107
8	1006.3	1446.3	2312.3	41.59	2.94	.00	21.48	1000.7	.00112
9	1007.0	2131.3	3251.0	48.68	2.95	.00	30.20	1001.8	.00106
10	1007.5	2753.8	4571.8	50.06	2.95	.00	42.47	1003.1	.00113
11	1008.2	3582.3	6428.7	51.82	2.95	.00	59.72	1004.7	.00114
12	1009.1	4660.3	9038.1	53.81	2.95	.00	83.96	1006.2	.00106
13	1010.5	6341.2	12708.9	55.17	2.95	.00	118.06	1006.6	.00084
14	1012.3	8652.3	17869.5	55.43	2.95	.00	166.00	1007.0	.00063
15	1013.8	10637.8	21829.5	55.66	2.95	.00	200.00	1007.3	.00047

SEGMENT TABLE FOR SECTION 32

CSM		TOTAL	SEG NO 1 D	SEG NO 2 C	SEG NO 3 D
1	DISCHARGE CFS	213.	0.	213.	0.
3.	VELOCITY FPS	1.25	.00	1.25	.00
2	DISCHARGE CFS	299.	0.	299.	0.
4.	VELOCITY FPS	1.46	.00	1.46	.00
3	DISCHARGE CFS	421.	0.	421.	0.
6.	VELOCITY FPS	1.69	.00	1.69	.00
4	DISCHARGE CFS	592.	0.	592.	0.
9.	VELOCITY FPS	1.96	.00	1.96	.00
5	DISCHARGE CFS	832.	0.	832.	0.
12.	VELOCITY FPS	2.30	.00	2.30	.00
6	DISCHARGE CFS	1170.	29.	1141.	0.
17.	VELOCITY FPS	2.62	.42	2.63	.00
7	DISCHARGE CFS	1645.	216.	1428.	1.
24.	VELOCITY FPS	2.80	.54	2.94	.46
8	DISCHARGE CFS	2312.	707.	1596.	10.
34.	VELOCITY FPS	2.71	.78	3.08	.48
9	DISCHARGE CFS	3251.	1468.	1749.	34.
47.	VELOCITY FPS	2.50	.97	3.14	.61
10	DISCHARGE CFS	4572.	2487.	2011.	74.
67.	VELOCITY FPS	2.49	1.21	3.41	.74
11	DISCHARGE CFS	6429.	4019.	2235.	174.
94.	VELOCITY FPS	2.48	1.46	3.54	.92
12	DISCHARGE CFS	9038.	6170.	2512.	356.
132.	VELOCITY FPS	2.43	1.69	3.67	1.08
13	DISCHARGE CFS	12709.	9232.	2700.	777.
186.	VELOCITY FPS	2.31	1.85	3.53	1.50
14	DISCHARGE CFS	17869.	13436.	2935.	1499.
261.	VELOCITY FPS	2.24	1.97	3.36	1.54
15	DISCHARGE CFS	21530.	16425.	3021.	2084.
315.	VELOCITY FPS	2.14	1.96	3.12	1.61
1	ELEV 1000.1 KD	9080.	1.	9078.	1.
2	ELEV 1000.8 KD	12096.	1.	12094.	1.
3	ELEV 1001.6 KD	16341.	1.	16339.	1.
4	ELEV 1002.6 KD	21820.	1.	21818.	1.
5	ELEV 1003.7 KD	28517.	1.	28515.	1.
6	ELEV 1004.9 KD	37230.	6.	37223.	1.
7	ELEV 1005.8 KD	49383.	5367.	44013.	3.
8	ELEV 1006.3 KD	64988.	15919.	49002.	67.
9	ELEV 1007.0 KD	97953.	42019.	55166.	767.
10	ELEV 1007.5 KD	134201.	71532.	60705.	1964.
11	ELEV 1008.2 KD	188770.	116171.	68078.	4522.
12	ELEV 1009.1 KD	276787.	188469.	77957.	10361.
13	ELEV 1010.5 KD	436640.	316952.	93747.	25942.
14	ELEV 1012.3 KD	710024.	533763.	117123.	59138.
15	ELEV 1013.8 KD	987798.	753078.	138743.	95477.

KD TABLE FOR CROSS SECTION 32

ELEVATION	AREA	KD	KD BY SEGMENT		
995.70	0.	0.	0.	0.	0.
996.	1.	12.	1.	9.	1.
997.	25.	445.	1.	442.	1.
998.	69.	2153.	1.	2151.	1.
999.	117.	4995.	1.	4993.	1.
1000.	166.	8716.	1.	8714.	1.
1001.	218.	13191.	1.	13189.	1.
1002.	270.	18392.	1.	18390.	1.
1003.	325.	24262.	1.	24260.	1.
1004.	381.	30773.	1.	30771.	1.
1005.	539.	39148.	14.	37934.	1.
1006.	1114.	57216.	8385.	45996.	11.
1007.	2157.	100982.	42978.	57390.	799.
1008.	3312.	171885.	101424.	65667.	3592.
1009.	4515.	265795.	179350.	76649.	9480.
1010.	5770.	379984.	271372.	88283.	19911.
1011.	7035.	513232.	377286.	100857.	34729.
1012.	8304.	665006.	497706.	113470.	53311.
1013.	9577.	833409.	631105.	126999.	74876.
1014.	10852.	1019753.	778780.	141151.	99739.
1015.	12131.	1218136.	935531.	155867.	126505.
1016.	13414.	1430853.	1103491.	171167.	155955.
1017.	14702.	1658597.	1283292.	187047.	188139.
1018.	15996.	1899904.	1423763.	203486.	222603.
1019.	17296.	2152420.	1673062.	220449.	258729.
1020.	18599.	2421856.	1886110.	237979.	297685.
1021.	19905.	2705602.	2110986.	256031.	338495.
1022.	21212.	3001167.	2345196.	274601.	381254.
1023.	22520.	3311186.	2590970.	293708.	426489.
1024.	23829.	3630146.	2843660.	313300.	473104.
1025.	25139.	3962112.	3106519.	333407.	522106.
1026.	26449.	4306376.	3378910.	354015.	573394.
1027.	27759.	4650720.	3651369.	375019.	624005.
1028.	29069.	5002700.	3929940.	396483.	675549.
1029.	30379.	5369348.	4220288.	418465.	729582.
1030.	31689.	5750836.	4522544.	440963.	786146.

RATING TABLE FOR SECTION 5 DA= 38.5

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	1000.0	0.0	0.0						
1	1004.7	85.3	212.5	.00	1.22	.00	1.98	1002.9	.00339
2	1005.5	114.9	299.0	.00	1.42	.00	2.78	1003.3	.00303
3	1006.2	148.7	420.5	.00	1.61	.00	3.91	1003.8	.00301
4	1007.0	187.1	591.3	.00	1.81	.00	5.50	1004.3	.00323
ZERO DAMG	1007.8	234.2	786.4	.00	2.01	.00			
5	1008.0	245.6	831.3	1.16	2.06	.00	7.73	1004.9	.00319
6	1008.8	520.7	1169.0	20.28	2.27	.00	10.87	1005.7	.00291
7	1009.4	941.6	1643.3	25.06	2.44	.00	15.28	1006.5	.00224
8	1009.9	1295.0	2310.1	25.33	2.55	.00	21.48	1008.1	.00214
9	1010.4	1708.8	3247.9	25.65	2.66	.00	30.20	1009.1	.00209
BANK FULL	1010.5	1814.4	3666.7	25.74	2.69	.00			
10	1010.8	2041.6	4562.5	25.92	2.75	.00	42.47	1009.2	.00248
11	1011.6	2733.6	6422.9	27.10	2.85	.00	59.72	1009.5	.00211
12	1012.3	3377.2	9029.6	28.70	2.89	.00	83.96	1009.8	.00225
13	1013.4	4482.6	12697.0	31.65	2.89	.00	118.06	1010.2	.00197
14	1014.8	5915.3	17852.8	33.36	2.89	.00	166.00	1010.7	.00168
15	1015.9	7090.1	21509.4	35.06	2.89	.00	200.00	1011.1	.00143

SEGMENT TABLE FOR SECTION 5

CSM			TOTAL	SEG NO 1 D	2 C	3 D
1		DISCHARGE CFS	213.	0	213.	0.
	3.	VELOCITY FPS	2.50	.00	2.50	.00
2		DISCHARGE CFS	299.	0.	299.	0.
	4.	VELOCITY FPS	2.61	.00	2.60	.00
3		DISCHARGE CFS	421.	0	421.	0.
	6.	VELOCITY FPS	2.84	.00	2.83	.00
4		DISCHARGE CFS	592.	0.	592.	0.
	9.	VELOCITY FPS	3.17	.00	3.16	.00
5		DISCHARGE CFS	831.	1.	830.	0.
	12.	VELOCITY FPS	3.43	.28	3.43	.00
6		DISCHARGE CFS	1169.	144.	1025.	0.
	17.	VELOCITY FPS	3.30	.64	3.47	.00
7		DISCHARGE CFS	1643.	630.	1013.	0.
	24.	VELOCITY FPS	2.74	1.05	2.98	.00
8		DISCHARGE CFS	2310.	1140.	1170.	0.
	34.	VELOCITY FPS	2.51	1.23	3.15	.00
9		DISCHARGE CFS	3248.	1941.	1307.	0.
	48.	VELOCITY FPS	2.46	1.49	3.19	.00
10		DISCHARGE CFS	4568.	2966.	1602.	0.
	67.	VELOCITY FPS	2.70	1.85	3.63	.00
11		DISCHARGE CFS	6423.	4585.	1836.	1.
	94.	VELOCITY FPS	2.65	2.06	3.62	.72
12		DISCHARGE CFS	9030.	6738.	2287.	4.
	132.	VELOCITY FPS	2.93	2.40	4.02	.97
13		DISCHARGE CFS	12697.	9891.	2792.	13.
	186.	VELOCITY FPS	3.05	2.60	4.20	1.19
14		DISCHARGE CFS	17853.	14444.	3375.	34.
	261.	VELOCITY FPS	3.18	2.83	4.32	1.40
15		DISCHARGE CFS	21509.	17700.	3754.	56.
	315.	VELOCITY FPS	3.17	2.86	4.30	1.49
1	ELEV 1004.7	KD	3658.	1.	3656.	1.
2	ELEV 1005.5	KD	5433.	1.	5431.	1.
3	ELEV 1006.2	KD	7659.	1.	7657.	1.
4	ELEV 1007.0	KD	10406.	1.	10404.	1.
5	ELEV 1008.0	KD	14729.	16.	14712.	1.
6	ELEV 1008.8	KD	20413.	1277.	19134.	1.
7	ELEV 1009.4	KD	31814.	8804.	23009.	1.
8	ELEV 1009.9	KD	48020.	22069.	25950.	1.
9	ELEV 1010.4	KD	70181.	40485.	29695.	1.
10	ELEV 1010.8	KD	90966.	58020.	32944.	2.
11	ELEV 1011.6	KD	139590.	98902.	40672.	15.
12	ELEV 1012.3	KD	190021.	141308.	48641.	72.
13	ELEV 1013.4	KD	285624.	222084.	63257.	283.
14	ELEV 1014.8	KD	435008.	351472.	82744.	793.
15	ELEV 1015.9	KD	569751.	468724.	99575.	1452.

KD-TABLE-FOR-CROSS-SECTION-5

ELEVATION	AREA	KD	KD BY SEGMENT		
1000.00	0.				
1001.	4.	60.	1.	58.	1.
1002.	15.	389.	1.	387.	1.
1003.	34.	1084.	1.	1082.	1.
1004.	61.	2332.	1.	2330.	1.
1005.	95.	4227.	1.	4225.	1.
1006.	137.	6873.	1.	6871.	1.
1007.	187.	10367.	1.	10365.	1.
1008.	247.	14817.	17.	14799.	1.
1009.	585.	23593.	3331.	20260.	1.
1010.	1396.	55335.	26501.	28834.	1.
1011.	2233.	105835.	20922.	34910.	3.
1012.	3103.	170416.	125064.	45303.	49.
1013.	4059.	247044.	189090.	57631.	182.
1014.	5081.	344445.	272586.	71185.	454.
1015.	6140.	460663.	323688.	85897.	899.
1016.	7243.	584966.	481660.	101714.	1547.
1017.	8429.	706802.	585763.	118583.	2426.
1018.	9737.	838114.	698087.	136436.	3556.
1019.	11218.	1011536.	851137.	155236.	4958.
1020.	12733.	1212809.	1030918.	175069.	6684.
1021.	14302.	1433979.	1229331.	195891.	8755.
1022.	15962.	1671427.	1442675.	217465.	11137.
1023.	17679.	1929085.	1674987.	240026.	13906.
1024.	19435.	2208554.	1927874.	263568.	17114.
1025.	21254.	2543960.	2234830.	287793.	21043.
1026.	23074.	2893604.	2555186.	312701.	25096.
1027.	24894.	3241548.	2872766.	332968.	28767.
1028.	26714.	3616359.	3216077.	364245.	32811.
1029.	28534.	4019044.	3586188.	391535.	37252.

RATING TABLE FOR SECTION 33 DA= 66.3

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	1000.8	0.0	0.0		1.19	.00	1.98	1003.0	.00086
1	1005.8	139.4	212.9	.00	1.28	.00	2.78	1003.3	.00087
2	1006.6	175.3	298.9	.00	1.28	.00	2.78	1003.3	.00087
3	1007.4	216.3	420.3	.00	1.37	.00	3.91	1003.7	.00095
ZERO DAMG	1008.2	261.3	564.9	.00	1.45	.00			
4	1008.3	273.3	591.3	.00	1.47	.00	5.50	1004.1	.00106
5	1009.4	411.5	831.0	3.43	1.58	.00	7.73	1004.7	.00107
6	1010.3	602.9	1168.5	5.17	1.66	.00	10.87	1005.3	.00109
BANK FULL	1010.3	613.7	1196.6	5.24	1.66	.00			
7	1011.0	791.1	1642.6	6.53	1.70	.00	15.28	1006.1	.00124
8	1011.7	1002.5	2309.1	6.91	1.73	.00	21.48	1007.1	.00142
9	1012.3	1216.8	3246.5	7.54	1.75	.00	30.20	1009.2	.00177
10	1013.2	1530.7	4565.6	8.40	1.77	.00	42.47	1010.0	.00199
11	1014.2	1917.5	6420.0	9.38	1.81	.00	59.72	1010.6	.00220
12	1015.2	2332.3	9025.8	10.33	1.84	.00	83.96	1011.4	.00282
13	1016.6	2987.0	12691.6	11.69	1.88	.00	118.06	1012.2	.00273
14	1018.1	3775.7	17845.2	13.25	1.92	.00	166.00	1013.2	.00293
15	1019.1	4326.8	21500.2	14.39	1.93	.00	200.00	1013.9	.00295

SEGMENT TABLE FOR SECTION 33

CSM		TOTAL	SEG NO 1 D	2 C	3 D
1	DISCHARGE CFS	213.	0.	213.	0.
3.	VELOCITY FPS	1.53	.00	1.53	.00
2	DISCHARGE CFS	299.	0.	299.	0.
4.	VELOCITY FPS	1.71	.00	1.70	.00
3	DISCHARGE CFS	420.	0.	420.	0.
6.	VELOCITY FPS	1.95	.00	1.94	.00
4	DISCHARGE CFS	591.	3.	588.	0.
9.	VELOCITY FPS	2.23	.33	2.23	.00
5	DISCHARGE CFS	831.	58.	773.	0.
12.	VELOCITY FPS	2.35	.64	2.41	.00
6	DISCHARGE CFS	1169.	204.	965.	0.
17.	VELOCITY FPS	2.42	.89	2.59	.00
7	DISCHARGE CFS	1643.	426.	1216.	0.
24.	VELOCITY FPS	2.61	1.14	2.93	.00
8	DISCHARGE CFS	2309.	783.	1526.	0.
34.	VELOCITY FPS	2.85	1.44	3.32	.00
9	DISCHARGE CFS	3247.	1306.	1940.	0.
48.	VELOCITY FPS	3.25	1.82	3.80	.00
10	DISCHARGE CFS	4566.	2143.	2423.	0.
67.	VELOCITY FPS	3.55	2.20	4.35	.00
11	DISCHARGE CFS	6420.	3381.	3039.	0.
94.	VELOCITY FPS	3.88	2.61	4.88	.00
12	DISCHARGE CFS	9026.	5154.	3872.	0.
132.	VELOCITY FPS	4.39	3.13	5.63	.00
13	DISCHARGE CFS	12692.	7895.	4797.	0.
186.	VELOCITY FPS	4.73	3.58	6.14	.00
14	DISCHARGE CFS	17845.	11829.	6015.	2.
261.	VELOCITY FPS	5.19	4.10	6.79	.84
15	DISCHARGE CFS	21500.	14661.	6832.	7.
315.	VELOCITY FPS	5.41	4.36	7.16	.96
1	ELEV 1005.8 KD	7250.	1.	7248.	1.
2	ELEV 1006.6 KD	10109.	1.	10107.	1.
3	ELEV 1007.4 KD	13653.	1.	13651.	1.
4	ELEV 1008.3 KD	18068.	11.	18055.	1.
5	ELEV 1009.4 KD	24832.	1042.	23789.	1.
6	ELEV 1010.3 KD	34793.	5276.	29516.	1.
7	ELEV 1011.0 KD	46455.	11671.	34783.	1.
8	ELEV 1011.7 KD	61049.	20372.	40676.	1.
9	ELEV 1012.3 KD	76797.	30352.	46444.	1.
10	ELEV 1013.2 KD	102158.	47354.	54802.	1.
11	ELEV 1014.2 KD	136606.	71417.	64988.	1.
12	ELEV 1015.2 KD	176451.	100737.	75713.	1.
13	ELEV 1016.6 KD	242762.	150773.	91989.	1.
14	ELEV 1018.1 KD	329425.	217893.	111527.	5.
15	ELEV 1019.1 KD	395874.	269870.	125893.	112.

KD TABLE FOR CROSS SECTION 33

ELEVATION	AREA	KD	KD BY SEGMENT		
1000.80	0.				
1001.	0.	3.	1.	1.	1.
1002.	10.	179.	1.	177.	1.
1003.	35.	900.	1.	898.	1.
1004.	69.	2525.	1.	2523.	1.
1005.	107.	4918.	1.	4916.	1.
1006.	149.	7994.	1.	7992.	1.
1007.	195.	11792.	1.	11790.	1.
1008.	245.	16318.	1.	16316.	1.
1009.	345.	22267.	393.	21588.	1.
1010.	536.	31846.	3800.	27716.	1.
1011.	802.	47373.	12035.	35084.	1.
1012.	1110.	69109.	25534.	43596.	1.
1013.	1454.	96313.	43295.	52852.	1.
1014.	1831.	129360.	66495.	62864.	1.
1015.	2251.	168127.	94425.	73551.	1.
1016.	2707.	213217.	128073.	84955.	1.
1017.	3197.	264919.	167683.	97060.	1.
1018.	3725.	323870.	213465.	110242.	4.
1019.	4284.	391015.	266075.	124839.	101.
1020.	4900.	465880.	324741.	140501.	414.
1021.	5548.	549026.	390802.	156950.	1071.
1022.	6227.	641060.	464817.	174157.	1992.
1023.	6948.	743300.	546009.	192036.	3146.
1024.	7693.	863110.	647619.	210571.	4567.
1025.	8447.	996304.	759965.	229862.	6361.
1026.	9215.	1136386.	878002.	249764.	8407.
1027.	9993.	1285082.	1003741.	270335.	10799.
1028.	10778.	1443279.	1138083.	291609.	13587.
1029.	11580.	1607161.	1276921.	313422.	16638.
1030.	12387.	1783347.	1427041.	335917.	20215.
1031.	13201.	1972570.	1588987.	359023.	24372.
1032.	14016.	2163172.	1751802.	382517.	28356.
1033.	14831.	2357058.	1916667.	406476.	32205.
1034.	15646.	2561588.	2091517.	431133.	36433.
1035.	16461.	2776996.	2276410.	456486.	41066.

RATING TABLE FOR SECTION 6 DA= 83.3

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	1005.0	0.0	0.0						
1	1008.0	134.6	205.4	.00	2.21	.00	1.98	1005.2	.00123
2	1008.6	165.7	294.3	.00	2.26	.00	2.78	1006.4	.00126
3	1009.4	211.1	414.0	.00	2.30	.00	3.91	1006.7	.00116
4	1010.4	266.7	582.3	.00	2.34	.00	5.50	1007.0	.00111
5	1011.4	326.6	818.4	.00	2.39	.00	7.73	1007.4	.00117
6	1012.5	394.8	1150.9	.00	2.45	.00	10.87	1008.0	.00130
7	1013.6	461.2	1617.8	.00	2.50	.00	15.28	1008.6	.00160
ZERO DAMG	1014.2	590.1	1964.0	.00	2.53	.00			
BANK FULL	1014.5	747.6	2140.9	23.03	2.54	.00			
8	1014.7	866.4	2274.3	28.89	2.55	.00	21.48	1009.4	.00174
9	1015.5	1597.8	3197.5	45.18	2.57	.00	30.20	1010.3	.00163
10	1016.2	2465.8	4496.6	54.68	2.58	.00	42.47	1011.5	.00153
11	1016.8	3575.6	6323.0	69.40	2.59	.00	59.72	1013.0	.00151
12	1017.6	5102.7	8889.5	77.85	2.61	.00	83.96	1015.3	.00121
13	1018.5	6973.5	12499.9	79.92	2.62	.00	118.06	1018.7	.00102
14	1019.8	9648.4	17575.7	82.78	2.63	.00	166.00	1016.1	.00076
15	1020.6	11371.8	21176.5	84.52	2.63	.00	200.00	1014.6	.00067

SEGMENT TABLE FOR SECTION 6

CSM		TOTAL	SEG NO 1 D	SEG NO 2 C	SEG NO 3 D
1	DISCHARGE CFS	210.	0.	210.	0.
3.	VELOCITY FPS	1.56	.00	1.56	.00
2	DISCHARGE CFS	294.	0.	294.	0.
4.	VELOCITY FPS	1.78	.00	1.78	.00
3	DISCHARGE CFS	414.	0.	414.	0.
6.	VELOCITY FPS	1.96	.00	1.96	.00
4	DISCHARGE CFS	582.	0.	582.	0.
9.	VELOCITY FPS	2.19	.00	2.18	.00
5	DISCHARGE CFS	818.	0.	818.	0.
12.	VELOCITY FPS	2.51	.00	2.51	.00
6	DISCHARGE CFS	1151.	0.	1151.	0.
17.	VELOCITY FPS	2.92	.00	2.92	.00
7	DISCHARGE CFS	1618.	0.	1618.	0.
24.	VELOCITY FPS	3.51	.00	3.51	.00
8	DISCHARGE CFS	2274.	25.	2081.	168.
34.	VELOCITY FPS	3.78	.52	3.92	.58
9	DISCHARGE CFS	3198.	151.	2244.	803.
48.	VELOCITY FPS	3.47	.80	3.87	.97
10	DISCHARGE CFS	4497.	399.	2462.	1635.
68.	VELOCITY FPS	3.11	.95	3.96	1.15
11	DISCHARGE CFS	6322.	934.	2702.	2686.
95.	VELOCITY FPS	2.91	1.07	4.08	1.31
12	DISCHARGE CFS	8889.	1857.	2672.	4360.
134.	VELOCITY FPS	2.50	1.25	3.73	1.46
13	DISCHARGE CFS	12500.	3085.	2826.	6588.
188.	VELOCITY FPS	2.27	1.42	3.65	1.64
14	DISCHARGE CFS	17576.	4951.	2919.	9705.
264.	VELOCITY FPS	2.09	1.53	3.41	1.75
15	DISCHARGE CFS	21176.	6256.	3059.	11861.
318.	VELOCITY FPS	2.07	1.60	3.37	1.82
1	ELEV 1008.0 KD	5992.	1.	5990.	1.
2	ELEV 1008.6 KD	8306.	1.	8304.	1.
3	ELEV 1009.4 KD	12159.	1.	12157.	1.
4	ELEV 1010.4 KD	17504.	1.	17502.	1.
5	ELEV 1011.4 KD	23948.	1.	23946.	1.
6	ELEV 1012.5 KD	31954.	1.	31952.	1.
7	ELEV 1013.6 KD	40387.	1.	40385.	1.
8	ELEV 1014.7 KD	50743.	140.	50029.	573.
9	ELEV 1015.5 KD	74123.	2424.	57365.	14334.
10	ELEV 1016.2 KD	113518.	8771.	64040.	40708.
11	ELEV 1016.8 KD	160360.	21855.	70756.	67751.
12	ELEV 1017.6 KD	251741.	49878.	79888.	121975.
13	ELEV 1018.5 KD	390647.	95027.	90303.	205317.
14	ELEV 1019.8 KD	635044.	177240.	106918.	350386.
15	ELEV 1020.6 KD	815161.	240805.	117986.	456570.

KD-TABLE FOR CROSS SECTION 6

ELEVATION	AREA	KD	KD BY SEGMENT		
1005.00	0.				
1006.	32.	630.	1.	628.	1.
1007.	80.	2665.	1.	2663.	1.
1008.	133.	5867.	1.	5865.	1.
1009.	188.	10165.	1.	10163.	1.
1010.	245.	15382.	1.	15380.	1.
1011.	304.	21384.	1.	21382.	1.
1012.	363.	28116.	1.	28114.	1.
1013.	423.	35533.	1.	35531.	1.
1014.	485.	43593.	1.	43591.	1.
1015.	1010.	58948.	816.	52555.	5577.
1016.	2195.	105208.	6965.	62447.	35795.
1017.	3932.	181313.	29002.	72978.	79336.
1018.	5922.	309972.	67873.	84104.	155739.
1019.	7967.	476225.	122934.	96371.	255370.
1020.	10066.	677367.	192020.	109585.	374804.
1021.	12217.	910925.	274398.	123678.	512415.
1022.	14420.	1175850.	370408.	138236.	666891.
1023.	16673.	1473654.	483293.	153537.	836461.
1024.	18949.	1804329.	612359.	169467.	1021945.
1025.	21236.	2169426.	757233.	186034.	1225845.
1026.	23530.	2565920.	915197.	203222.	1447503.
1027.	25835.	2981612.	1080936.	220984.	1679445.
1028.	28146.	3425499.	1259105.	239346.	1926778.
1029.	30462.	3900369.	1451023.	258313.	2191034.
1030.	32790.	4393284.	1649720.	277817.	2465532.
1031.	35119.	4902168.	1854801.	297848.	2748984.
1032.	37449.	5409612.	2057538.	318335.	3031962.
1033.	39779.	5948226.	2273836.	339408.	3332173.
1034.	42109.	6518710.	2504074.	361063.	3650000.

RATING TABLE FOR SECTION 34 DA= 88.2

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	1014.2	0.0	0.0						
1	1016.7	107.1	209.1	.00	4.26	.00	1.98	1015.4	.00244
2	1017.3	136.0	293.6	.00	4.39	.00	2.78	1015.6	.00227
3	1017.9	168.8	413.0	.00	4.55	.00	3.91	1015.9	.00230
4	1018.6	207.4	580.8	.00	4.72	.00	5.50	1016.2	.00243
5	1019.6	269.4	916.4	.00	4.98	.00	7.73	1016.6	.00218
6	1020.7	338.2	1148.1	.00	5.26	.00	10.87	1017.1	.00220
ZERO DAMG	1021.6	403.2	1500.9	.00	5.48	.00			
7	1021.9	433.7	1613.8	5.37	5.55	.00	15.28	1017.8	.00239
BANK-FULL	1022.6	571.7	2036.2	12.36	5.69	.00			
8	1023.0	673.6	2268.7	16.21	5.75	.00	21.48	1018.6	.00232
9	1024.0	1033.5	3189.6	26.12	5.79	.00	30.20	1019.6	.00229
10	1024.9	1420.1	4485.6	31.57	5.79	.00	42.47	1020.8	.00232
11	1026.0	2050.0	6307.0	84.58	5.79	.00	59.72	1023.1	.00250
12	1026.8	2684.1	8867.6	61.11	5.79	.00	83.96	1023.8	.00274
13	1027.7	3464.1	12469.2	61.54	5.79	.00	118.06	1024.6	.00272
14	1028.9	4437.2	17532.5	62.08	5.79	.00	166.00	1025.6	.00263
15	1029.5	4982.9	21123.5	62.38	5.79	.00	200.00	1026.3	.00271

SEGMENT TABLE FOR SECTION 34

CSM		TOTAL	SEG NO. 1 D	2 C	3 D
1	DISCHARGE CFS	209.	0.	209.	0.
3.	VELOCITY FPS	1.96	.00	1.95	.00
2	DISCHARGE CFS	294.	0.	294.	0.
4.	VELOCITY FPS	2.16	.00	2.16	.00
3	DISCHARGE CFS	413.	0.	413.	0.
6.	VELOCITY FPS	2.45	.00	2.45	.00
4	DISCHARGE CFS	581.	0.	581.	0.
9.	VELOCITY FPS	2.80	.00	2.80	.00
5	DISCHARGE CFS	816.	0.	816.	0.
12.	VELOCITY FPS	3.03	.00	3.03	.00
6	DISCHARGE CFS	1148.	0.	1148.	0.
17.	VELOCITY FPS	3.40	.00	3.39	.00
7	DISCHARGE CFS	1614.	10.	1603.	0.
24.	VELOCITY FPS	3.87	.51	3.88	.00
8	DISCHARGE CFS	2269.	200.	2069.	0.
34.	VELOCITY FPS	4.07	1.09	4.22	.00
9	DISCHARGE CFS	3190.	630.	2500.	60.
48.	VELOCITY FPS	4.06	1.50	4.48	1.08
10	DISCHARGE CFS	4486.	1270.	3024.	192.
68.	VELOCITY FPS	4.19	1.87	4.88	1.60
11	DISCHARGE CFS	6307.	2031.	3818.	459.
95.	VELOCITY FPS	4.43	1.77	5.46	2.23
12	DISCHARGE CFS	8868.	3668.	4469.	730.
134.	VELOCITY FPS	4.63	2.21	5.91	2.70
13	DISCHARGE CFS	12469.	6225.	5166.	1078.
188.	VELOCITY FPS	4.64	2.71	6.29	3.11
14	DISCHARGE CFS	17533.	9999.	5972.	1562.
265.	VELOCITY FPS	4.73	3.23	6.62	3.53
15	DISCHARGE CFS	21123.	12648.	6574.	1901.
319.	VELOCITY FPS	4.92	3.58	6.94	3.81
1	ELEV 1016.7 KD	4234.	1.	4232.	1.
2	ELEV 1017.3 KD	6162.	1.	6160.	1.
3	ELEV 1017.9 KD	8602.	1.	8600.	1.
4	ELEV 1018.6 KD	11774.	1.	11772.	1.
5	ELEV 1019.6 KD	17469.	1.	17467.	1.
6	ELEV 1020.7 KD	24494.	1.	24492.	1.
7	ELEV 1021.9 KD	32875.	36.	32838.	1.
8	ELEV 1023.0 KD	45488.	3037.	42449.	1.
9	ELEV 1024.0 KD	65200.	12279.	52583.	338.
10	ELEV 1024.9 KD	91276.	25167.	62574.	3535.
11	ELEV 1026.0 KD	125880.	40502.	76444.	8934.
12	ELEV 1026.8 KD	167510.	66505.	87196.	13809.
13	ELEV 1027.7 KD	238135.	117412.	100134.	20588.
14	ELEV 1028.9 KD	341078.	193563.	117125.	30390.
15	ELEV 1029.5 KD	405623.	242048.	127051.	36524.

KD TABLE FOR CROSS SECTION 34

ELEVATION	AREA	KD	KD BY SEGMENT		
1014.20	0.				
1015.	23.	355.	1.	353.	1.
1016.	71.	2194.	1.	2191.	1.
1017.	122.	5168.	1.	5166.	1.
1018.	175.	9124.	1.	9122.	1.
1019.	232.	13991.	1.	13989.	1.
1020.	292.	19733.	1.	19731.	1.
1021.	355.	26339.	1.	26337.	1.
1022.	447.	34059.	88.	33798.	1.
1023.	674.	46442.	3055.	42470.	1.
1024.	1042.	67214.	12577.	52826.	396.
1025.	1486.	96894.	27852.	64294.	4165.
1026.	2059.	126523.	40687.	76645.	9027.
1027.	2846.	183009.	76114.	89833.	15130.
1028.	3683.	260200.	132624.	103861.	22605.
1029.	4525.	351387.	200283.	118697.	31319.
1030.	5373.	455442.	279662.	134317.	41222.
1031.	6226.	571561.	368576.	150702.	52284.
1032.	7087.	696884.	464456.	167797.	64264.
1033.	7953.	834412.	570968.	185643.	77500.
1034.	8823.	983369.	689114.	204217.	91930.
1035.	9700.	1141669.	810692.	223479.	107382.
1036.	10583.	1309406.	941916.	243420.	123895.
1037.	11472.	1487564.	1081798.	264049.	141581.
1038.	12366.	1675546.	1229709.	285350.	160403.
1039.	13267.	1871725.	1384046.	307287.	180244.
1040.	14171.	2078653.	1547362.	329895.	201343.
1041.	15083.	2293360.	1716685.	353121.	223465.
1042.	16001.	2517096.	1893275.	376978.	246754.
1043.	16922.	2750696.	2077930.	401475.	271288.
1044.	17854.	2990314.	2266876.	426545.	296786.
1045.	18787.	3241922.	2465696.	452256.	323929.
1046.	19727.	3505907.	2673809.	478541.	353461.
1047.	20666.	3775504.	2886068.	505378.	383799.
1048.	21606.	4048153.	3098258.	532704.	414361.
1049.	22546.	4327460.	3311982.	560647.	446359.
1050.	23486.	4619512.	3548919.	589199.	479815.

RATING TABLE FOR SECTION 7 DA= 65.9

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	1016.0	0.0	0.0						
1	1019.1	135.8	208.6	.00	2.40	.00	1.98	1017.3	.00119
2	1019.8	169.5	292.8	.00	2.44	.00	2.78	1017.5	.00116
3	1020.4	201.5	411.8	.00	2.47	.00	3.91	1017.8	.00133
4	1021.2	248.3	579.3	.00	2.52	.00	5.50	1018.1	.00137
5	1022.4	312.9	814.2	.00	2.58	.00	7.73	1018.5	.00132
6	1023.6	384.0	1144.9	.00	2.64	.00	10.87	1019.0	.00140
ZERO DAMG	1025.0	465.8	1598.1	.00	2.72	.00			
7	1025.0	477.7	1609.4	.57	2.72	.00	15.28	1019.6	.00152
8	1026.1	848.6	2262.5	16.91	2.78	.00	21.48	1020.4	.00162
9	1027.1	1404.7	3180.9	24.14	2.83	.00	30.20	1021.4	.00145
BANK FULL	1027.5	1631.4	3677.8	27.18	2.85	.00			
10	1028.1	2027.8	4473.3	32.04	2.87	.00	42.47	1022.6	.00146
11	1028.9	3027.5	6290.2	56.14	2.90	.00	59.72	1024.2	.00142
12	1029.8	4403.3	8843.4	71.63	2.91	.00	83.96	1026.5	.00136
13	1030.6	5690.9	12435.1	78.80	2.91	.00	118.06	1027.2	.00141
14	1031.6	7575.7	17484.5	80.69	2.91	.00	166.00	1027.9	.00126
15	1032.3	8796.9	21065.7	81.88	2.91	.00	200.00	1028.3	.00120

SEGMENT TABLE FOR SECTION 7

CSM			TOTAL	SEG NO 1 D	SEG NO 2 C	SEG NO 3 D
1		DISCHARGE CFS	209.	0	209.	0.
	3.	VELOCITY FPS	1.54	.00	1.54	.00
2		DISCHARGE CFS	293.	0.	293.	0.
	4.	VELOCITY FPS	1.73	.00	1.73	.00
3		DISCHARGE CFS	412.	0.	412.	0.
	6.	VELOCITY FPS	2.05	.00	2.04	.00
4		DISCHARGE CFS	579.	0.	579.	0.
	9.	VELOCITY FPS	2.34	.00	2.33	.00
5		DISCHARGE CFS	814.	0.	814.	0.
	12.	VELOCITY FPS	2.60	.00	2.60	.00
6		DISCHARGE CFS	1145.	0.	1145.	0.
	17.	VELOCITY FPS	2.98	.00	2.98	.00
7		DISCHARGE CFS	1609.	1.	1602.	7.
	24.	VELOCITY FPS	3.42	.59	3.42	.81
8		DISCHARGE CFS	2262.	26.	1989.	247.
	34.	VELOCITY FPS	3.55	.66	3.75	.89
9		DISCHARGE CFS	3181.	144.	2235.	801.
	48.	VELOCITY FPS	3.24	.94	3.74	1.22
10		DISCHARGE CFS	4473.	357.	2577.	1539.
	68.	VELOCITY FPS	3.15	1.13	3.94	1.45
11		DISCHARGE CFS	6290.	728.	2919.	2593.
	95.	VELOCITY FPS	3.09	1.97	4.12	1.70
12		DISCHARGE CFS	8843.	1855.	3126.	3863.
	134.	VELOCITY FPS	2.89	1.17	4.08	1.89
13		DISCHARGE CFS	12435.	3387.	3589.	5460.
	189.	VELOCITY FPS	2.92	1.43	4.41	2.18
14		DISCHARGE CFS	17485.	6114.	3903.	7468.
	265.	VELOCITY FPS	2.80	1.72	4.43	2.37
15		DISCHARGE CFS	21066.	8176.	4072.	8817.
	319.	VELOCITY FPS	2.82	1.90	4.41	2.48
1	ELEV 1019.1	KD	6055.	1.	6053.	1.
2	ELEV 1019.8	KD	8613.	1.	8611.	1.
3	ELEV 1020.4	KD	11312.	1.	11310.	1.
4	ELEV 1021.2	KD	15665.	1.	15663.	1.
5	ELEV 1022.4	KD	22395.	1.	22393.	1.
6	ELEV 1023.6	KD	30561.	1.	30559.	1.
7	ELEV 1025.0	KD	41124.	1.	41122.	1.
8	ELEV 1026.1	KD	55862.	536.	49584.	5742.
9	ELEV 1027.1	KD	82890.	3501.	59007.	20382.
10	ELEV 1028.1	KD	116845.	9086.	67388.	39971.
11	ELEV 1028.9	KD	161706.	19048.	76714.	65943.
12	ELEV 1029.8	KD	236377.	44732.	87204.	104442.
13	ELEV 1030.6	KD	329577.	87527.	96552.	145499.
14	ELEV 1031.6	KD	492908.	172302.	110053.	210548.
15	ELEV 1032.3	KD	605800.	232038.	118911.	254850.

KD TABLE FOR CROSS SECTION 7

ELEVATION	AREA	KD	KD BY SEGMENT		
1016.00	0.				
1017.	26.	407.	1.	404.	1.
1018.	76.	2389.	1.	2387.	1.
1019.	128.	5535.	1.	5533.	1.
1020.	182.	9602.	1.	9600.	1.
1021.	236.	14485.	1.	14483.	1.
1022.	292.	20099.	1.	20097.	1.
1023.	349.	26392.	1.	26390.	1.
1024.	407.	33323.	1.	33321.	1.
1025.	466.	40853.	1.	40851.	1.
1026.	812.	54637.	464.	48961.	5212.
1027.	1309.	78756.	2973.	57632.	18152.
1028.	1954.	114201.	8585.	67149.	38467.
1029.	3135.	168859.	20564.	77704.	69459.
1030.	4716.	260528.	53534.	89478.	113918.
1031.	6477.	392024.	116824.	102085.	170307.
1032.	8312.	559597.	206457.	115353.	236449.
1033.	10185.	756222.	314810.	129262.	311562.
1034.	12099.	979436.	439328.	143791.	395612.
1035.	14051.	1227849.	579269.	158923.	488327.
1036.	16033.	1503729.	738100.	174671.	590505.
1037.	18045.	1804286.	911988.	191018.	701278.
1038.	20120.	2120088.	1093005.	207914.	818839.
1039.	22224.	2470692.	1295417.	225388.	946395.
1040.	24348.	2858574.	1530373.	243448.	1084752.
1041.	26501.	3261820.	1771802.	262020.	1227601.
1042.	28665.	3693570.	2032598.	281159.	1379578.
1043.	30846.	4147745.	2308024.	300835.	1538692.
1044.	33043.	4630148.	2604970.	321026.	1703823.
1045.	35247.	5142524.	2923458.	341754.	1877182.
1046.	37455.	5673792.	3254536.	362980.	2055955.
1047.	39666.	6230485.	3603009.	384730.	2242572.
1048.	41881.	6806502.	3963918.	406978.	2435410.
1049.	44101.	7402582.	4337968.	429722.	2634690.
1050.	46322.	8021512.	4727264.	452969.	2841188.
1051.	48549.	8657472.	5126048.	476685.	3054600.
1052.	50778.	9320029.	5542449.	500907.	3276673.
1053.	53008.	9987168.	5943050.	525463.	3497778.
1054.	55238.	10640152.	6360749.	550521.	3727310.
1055.	57468.	11339352.	6795800.	576075.	3965344.
1056.	59698.	12064968.	7248485.	602123.	4211976.

RATING TABLE FOR SECTION 35 DA= 65.7

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	1020.3	0.0	0.0						
1	1023.0	118.4	208.1	.00	2.25	.00	1.98	1021.3	.00221
2	1023.6	149.8	292.1	.00	2.35	.00	2.78	1021.5	.00213
3	1024.4	191.5	410.9	.00	2.47	.00	3.91	1021.8	.00200
4	1025.2	235.6	578.0	.00	2.60	.00	5.50	1022.2	.00214
5	1026.3	297.9	812.3	.00	2.76	.00	7.73	1022.6	.00213
ZERO DAMG	1026.4	304.5	838.3	.00	2.78	.00			
6	1027.7	392.5	1142.3	.52	2.98	.00	10.87	1023.2	.00200
BANK FULL	1028.4	452.9	1400.2	.74	3.08	.00			
7	1029.0	505.3	1605.7	.93	3.11	.00	15.28	1023.8	.00205
8	1030.3	627.4	2257.2	1.11	3.17	.00	21.48	1024.7	.00222
9	1031.8	776.9	3173.6	1.38	3.21	.00	30.20	1025.7	.00241
10	1033.3	942.3	4463.0	1.83	3.21	.00	42.47	1027.1	.00274
11	1034.9	1124.0	6295.7	2.28	3.21	.00	59.72	1028.7	.00333
12	1036.7	1362.8	8823.0	2.82	3.21	.00	83.96	1030.1	.00390
13	1038.7	1641.5	12406.4	3.40	3.21	.00	118.06	1031.9	.00469
14	1041.0	2004.7	17444.2	4.30	3.21	.00	166.00	1034.2	.00556
15	1042.5	2288.0	21017.2	5.97	3.21	.00	200.00	1035.5	.00617

SEGMENT TABLE FOR SECTION 35

CSM			TOTAL	SEG NO 1 D	2 C	3 D
1		DISCHARGE CFS	208.	0	208.	0.
	3.	VELOCITY FPS	1.76	.00	1.76	.00
2		DISCHARGE CFS	292.	0.	292.	0.
	4.	VELOCITY FPS	1.95	.00	1.95	.00
3		DISCHARGE CFS	411.	0	411.	0.
	6.	VELOCITY FPS	2.15	.00	2.15	.00
4		DISCHARGE CFS	578.	0.	578.	0.
	9.	VELOCITY FPS	2.46	.00	2.45	.00
5		DISCHARGE CFS	812.	0.	812.	0.
	12.	VELOCITY FPS	2.73	.00	2.73	.00
6		DISCHARGE CFS	1142.	6.	1136.	0.
	17.	VELOCITY FPS	2.96	.66	2.96	.00
7		DISCHARGE CFS	1606.	39.	1562.	0.
	24.	VELOCITY FPS	3.30	1.14	3.32	.00
8		DISCHARGE CFS	2257.	105.	2152.	0.
	34.	VELOCITY FPS	3.76	1.60	3.83	.00
9		DISCHARGE CFS	3174.	231.	2943.	1.
	48.	VELOCITY FPS	4.30	2.11	4.41	.59
10		DISCHARGE CFS	4463.	423.	4032.	8.
	68.	VELOCITY FPS	5.02	2.64	5.21	1.01
11		DISCHARGE CFS	6276.	719.	5520.	37.
	96.	VELOCITY FPS	5.98	3.29	6.26	1.59
12		DISCHARGE CFS	8823.	1194.	7508.	120.
	134.	VELOCITY FPS	7.02	4.01	7.42	2.26
13		DISCHARGE CFS	12406.	1917.	10191.	298.
	189.	VELOCITY FPS	8.28	4.88	8.86	3.02
14		DISCHARGE CFS	17444.	2909.	13863.	672.
	266.	VELOCITY FPS	9.72	5.58	10.55	3.95
15		DISCHARGE CFS	21017.	3489.	16586.	943.
	320.	VELOCITY FPS	10.67	5.42	11.70	4.16
1	ELEV 1023.0	KD	4421.	1.	4419.	1.
2	ELEV 1023.6	KD	6332.	1.	6330.	1.
3	ELEV 1024.4	KD	9184.	1.	9182.	1.
4	ELEV 1025.2	KD	12487.	1.	12485.	1.
5	ELEV 1026.3	KD	17600.	2.	17597.	1.
6	ELEV 1027.7	KD	25529.	108.	25420.	1.
7	ELEV 1029.0	KD	35397.	765.	34631.	1.
8	ELEV 1030.3	KD	47862.	2234.	45626.	1.
9	ELEV 1031.8	KD	64612.	4632.	59976.	5.
10	ELEV 1033.3	KD	85166.	8032.	77004.	130.
11	ELEV 1034.9	KD	108751.	12414.	95722.	615.
12	ELEV 1036.7	KD	141224.	19057.	120296.	1871.
13	ELEV 1038.7	KD	181173.	27951.	148922.	4300.
14	ELEV 1041.0	KD	233805.	38988.	185879.	8938.
15	ELEV 1042.5	KD	267564.	44421.	211163.	11981.

KD-TABLE-FOR-CROSS-SECTION-35

ELEVATION	AREA	KD	KD BY SEGMENT		
1020.30	0.				
1021.	27.	416.	1.	414.	1.
1022.	71.	1975.	1.	1973.	1.
1023.	118.	4391.	1.	4389.	1.
1024.	169.	7573.	1.	7571.	1.
1025.	223.	11485.	1.	11483.	1.
1026.	280.	16114.	1.	16112.	1.
1027.	344.	21486.	9.	21452.	1.
1028.	420.	27753.	199.	27519.	1.
1029.	507.	35602.	779.	34759.	1.
1030.	599.	44853.	1816.	42992.	1.
1031.	696.	55198.	3225.	51939.	1.
1032.	797.	67068.	5009.	62019.	9.
1033.	904.	80325.	7170.	73017.	72.
1034.	1018.	94833.	9755.	84736.	278.
1035.	1138.	110629.	12768.	97147.	664.
1036.	1264.	127751.	16228.	110228.	1275.
1037.	1398.	146243.	20136.	123951.	2133.
1038.	1539.	166155.	24505.	138292.	3266.
1039.	1685.	187507.	29396.	153227.	4747.
1040.	1837.	210164.	34656.	168886.	6605.
1041.	1997.	232712.	38779.	185067.	8815.
1042.	2182.	255251.	42499.	201841.	10889.
1043.	2392.	279950.	47881.	219203.	12746.
1044.	2634.	310050.	58654.	237127.	14238.
1045.	2921.	344755.	70009.	255604.	18658.
1046.	3231.	383452.	82464.	274654.	26113.
1047.	3571.	428730.	94954.	294219.	38622.
1048.	3916.	477380.	108388.	314334.	54001.
1049.	4266.	529516.	122718.	334987.	71611.
1050.	4624.	585656.	138193.	356133.	90504.
1051.	4983.	645247.	154766.	377815.	112299.
1052.	5343.	708889.	170497.	399845.	130713.
1053.	5703.	767931.	187263.	422416.	151431.
1054.	6063.	834456.	205097.	445523.	174657.

TABLE OF VALUES FOR BPR EQUATION

COEFK	AKB	DGTAK	SIGMA	DKE	DKS	M	ALPHA	ALPHA2	BRIDA	APPAR	AEXIT
.1126	.0000	.1126	.9990	.0000	.0000	.9999	1.0000	1.0000	142.8276	143.1475	132.0093
DCRIT	1021.32	KBCRIT=									
.1068	.0000	.1068	.9990	.0000	.0000	.9999	1.0000	1.0000	180.0179	177.2497	164.0550
DCRIT	1021.52	KBCRIT=									
.1010	.0000	.1010	.9990	.0000	.0000	.9999	1.0000	1.0000	229.0291	220.3876	206.6130
DCRIT	1021.79	KBCRIT=									
.0960	.0000	.0960	.9990	.0000	.0000	.9999	1.0000	1.0000	281.5120	265.0554	252.3973
DCRIT	1022.11	KBCRIT=									
.0914	.0000	.0914	.9990	.0000	.0000	.9999	1.0000	1.0000	356.3914	328.0417	315.9470
DCRIT	1022.51	KBCRIT=									
.0952	.0000	.0952	.9990	.0000	.0000	.9999	1.0000	1.0000	494.2637	425.8479	416.0632
DCRIT	1023.00	KBCRIT=									
.0971	.0014	.0958	.9988	.0000	.0000	.9969	1.2561	1.2553	635.1445	595.5977	531.8987
DCRIT	1023.62	KBCRIT=									
.1298	.0353	.0946	.9957	.0000	.0000	.9894	1.3974	1.3853	785.0874	848.1790	658.2488
DCRIT	1024.37	KBCRIT=									
.2202	.1288	.0914	.9823	.0000	.0000	.9076	1.4902	1.4449	965.5869	1209.9270	811.4705
DCRIT	1025.30	KBCRIT=									
.4561	.3717	.0845	.9332	.0000	.0000	.7898	1.5499	1.4343	1162.2378	1745.7727	985.1309
DCRIT	1026.87	KBCRIT=									
.6663	.5889	.0774	.8826	.0000	.0000	.7076	1.8420	1.5958	1373.5845	2523.9983	1179.0181
DCRIT	1027.94	KBCRIT=									
1.0070	.9399	.0671	.7961	.0000	.0000	.6971	1.6322	1.3775	1640.5181	3928.9478	1431.6184
DCRIT	1029.24	KBCRIT=									
1.1831	1.1227	.0605	.7501	.0000	.0000	.5464	1.5280	1.2885	2018.8977	4788.4648	1732.5132
DCRIT	1030.84	KBCRIT=									
.0000	.0000	.0000	.0000	.0000	.0000	.0000	1.5280	1.2885	2018.8977	4788.4648	1732.5132
DCRIT	-1.00	KBCRIT=									
.0000	.0000	.0000	.0000	.0000	.0000	.0000	1.5280	1.2885	2018.8977	4788.4648	1732.5132
DCRIT	-1.00	KBCRIT=									

ROAD SECTION-SR1350

NO.	HW	CFS	HL	TW	CSM
0	1020.20	0.00	0.00	0.00	0.00
1	1023.19	208.07	.00	1023.19	1.98
2	1023.84	292.14	.02	1023.82	2.78
3	1024.63	410.89	.02	1024.61	3.91
4	1025.44	577.97	.02	1025.42	5.50
5	1026.51	812.31	.02	1026.49	7.73
6	1027.88	1142.28	.02	1027.86	10.87
7	1029.20	1605.71	.02	1029.18	15.28
8	1030.60	2257.24	.08	1030.52	21.48
9	1032.20	3173.59	.16	1032.04	30.20
10	1033.98	4463.00	.36	1033.62	42.47
11	1035.91	6275.23	.68	1035.23	59.72
12	1038.35	8823.01	1.20	1037.15	83.96
13	1040.84	12406.43	1.62	1039.22	118.06
14	1044.36	17444.25	2.70	1041.66	166.00
15	1045.98	21017.17	2.72	1043.26	200.00

MIN ROAD ELEVATION 1042.70

BRIDGE TYPE 2 GIRDER BOTTOM ELEVATION = 1039.70 OPENING NO.= 1

RATING TABLE FOR SECTION 37 DA= 85.7

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	1021.2	0.0	0.0						
1	1023.5	106.7	208.1	.00	.06	.00	1.90	1022.1	.00323
2	1024.1	138.1	292.1	.00	.06	.00	2.78	1022.3	.00282
3	1024.9	178.0	410.9	.00	.06	.00	3.91	1022.6	.00254
4	1025.7	221.9	528.0	.00	.06	.00	5.50	1022.9	.00255
5	1026.7	281.2	812.3	.00	.07	.00	7.73	1023.4	.00248
6	1028.1	361.2	1142.3	.00	.07	.00	10.87	1023.9	.00230
BANK FULL	1028.3	374.9	1221.9	.00	.07	.00			
ZERO DAMG	1028.3	374.9	1221.8	.00	.07	.00			
7	1029.4	479.0	1605.7	.07	.07	.00	15.28	1024.6	.00235
8	1030.8	689.1	2257.2	.13	.07	.00	21.48	1025.4	.00231
9	1032.4	1001.2	3173.6	.18	.07	.00	30.20	1026.4	.00211
10	1034.1	1459.9	4463.0	.27	.07	.00	42.47	1027.6	.00185
11	1036.0	2137.8	6275.7	.41	.07	.00	59.72	1030.0	.00169
12	1038.4	3365.7	8823.0	.60	.07	.00	83.96	1031.2	.00128
13	1040.9	4904.9	12406.4	.68	.07	.00	118.06	1032.5	.00096
14	1044.4	7294.9	17444.2	.73	.07	.00	166.00	1033.9	.00062
15	1046.0	8445.8	21017.2	.78	.07	.00	200.00	1034.7	.00059

SEGMENT TABLE FOR SECTION 37

CSM			TOTAL	SEG NO 1 D	SEG NO 2 C	SEG NO 3 D
1		DISCHARGE CFS	208.	0.	208.	0.
	3.	VELOCITY FPS	1.95	.00	1.95	.00
2		DISCHARGE CFS	292.	0.	292.	0.
	4.	VELOCITY FPS	2.12	.00	2.12	.00
3		DISCHARGE CFS	411.	0.	411.	0.
	6.	VELOCITY FPS	2.31	.00	2.31	.00
4		DISCHARGE CFS	578.	0.	578.	0.
	9.	VELOCITY FPS	2.61	.00	2.60	.00
5		DISCHARGE CFS	812.	0.	812.	0.
	12.	VELOCITY FPS	2.89	.00	2.89	.00
6		DISCHARGE CFS	1142.	0.	1142.	0.
	17.	VELOCITY FPS	3.17	.00	3.16	.00
7		DISCHARGE CFS	1606.	22.	1579.	0.
	24.	VELOCITY FPS	3.55	.73	3.57	.00
8		DISCHARGE CFS	2257.	188.	2069.	0.
	34.	VELOCITY FPS	3.78	1.17	3.92	.00
9		DISCHARGE CFS	3174.	564.	2609.	1.
	48.	VELOCITY FPS	3.82	1.52	4.14	.55
10		DISCHARGE CFS	4463.	1232.	3209.	22.
	68.	VELOCITY FPS	3.79	1.79	4.31	.83
11		DISCHARGE CFS	6276.	2169.	3981.	126.
	96.	VELOCITY FPS	3.83	1.88	4.58	1.21
12		DISCHARGE CFS	8823.	3906.	4535.	382.
	134.	VELOCITY FPS	3.45	1.88	4.43	1.42
13		DISCHARGE CFS	12406.	6594.	5025.	788.
	189.	VELOCITY FPS	3.12	2.06	4.24	1.50
14		DISCHARGE CFS	17444.	10322.	5412.	1710.
	266.	VELOCITY FPS	2.74	2.11	3.63	1.75
15		DISCHARGE CFS	21017.	12785.	5951.	2281.
	320.	VELOCITY FPS	2.80	2.23	3.92	1.91
1	ELEV 1023.5	KD	3663.	1.	3661.	1.
2	ELEV 1024.1	KD	5498.	1.	5496.	1.
3	ELEV 1024.9	KD	8158.	1.	8156.	1.
4	ELEV 1025.7	KD	11443.	1.	11441.	1.
5	ELEV 1026.7	KD	16386.	1.	16384.	1.
6	ELEV 1028.1	KD	23815.	2.	23812.	1.
7	ELEV 1029.4	KD	32975.	374.	32600.	1.
8	ELEV 1030.8	KD	46693.	3519.	43173.	1.
9	ELEV 1032.4	KD	68936.	12083.	56851.	2.
10	ELEV 1034.1	KD	103371.	28221.	74751.	399.
11	ELEV 1036.0	KD	152444.	52698.	96883.	2862.
12	ELEV 1038.4	KD	245847.	107985.	127434.	10428.
13	ELEV 1040.9	KD	400748.	212856.	162563.	25330.
14	ELEV 1044.4	KD	699834.	413700.	217981.	68153.
15	ELEV 1046.0	KD	865132.	525920.	245689.	93525.

KD TABLE FOR CROSS SECTION 37

ELEVATION	AREA	KD	KD BY SEGMENT		
1021.20	0.				
1022.	34.	592.	1.	590.	1.
1023.	82.	2423.	1.	2421.	1.
1024.	133.	5151.	1.	5149.	1.
1025.	185.	8656.	1.	8654.	1.
1026.	240.	12878.	1.	12876.	1.
1027.	297.	17782.	1.	17780.	1.
1028.	357.	23368.	1.	23365.	1.
1029.	435.	30045.	79.	29861.	1.
1030.	564.	38711.	1302.	37168.	1.
1031.	730.	49802.	4490.	45105.	1.
1032.	925.	63520.	9703.	53648.	1.
1033.	1156.	80542.	17153.	63188.	33.
1034.	1431.	101353.	27027.	73637.	333.
1035.	1746.	126099.	39745.	84778.	1212.
1036.	2116.	151943.	52448.	96542.	2808.
1037.	2565.	179237.	64690.	108911.	5283.
1038.	3118.	225146.	94493.	121870.	8783.
1039.	3711.	278591.	129398.	135383.	13162.
1040.	4331.	339541.	170631.	149473.	18853.
1041.	4975.	408528.	217840.	164126.	26280.
1042.	5641.	486409.	269834.	179312.	36941.
1043.	6321.	570678.	326269.	195026.	48935.
1044.	7011.	661863.	387812.	211271.	62459.
1045.	7713.	759636.	454106.	228035.	77290.
1046.	8430.	863069.	524281.	245295.	93150.
1047.	9154.	973745.	599924.	263071.	110632.
1048.	9895.	1089872.	679298.	281329.	129035.
1049.	10647.	1212380.	763361.	300076.	148736.
1050.	11408.	1341830.	852611.	319317.	169902.
1051.	12178.	1485455.	953479.	339007.	192656.
1052.	12948.	1635846.	1059646.	359123.	216739.
1053.	13718.	1782607.	1161950.	379717.	239359.
1054.	14488.	1937378.	1270505.	400746.	263530.
1055.	15258.	2100324.	1385477.	422255.	289303.

RATING TABLE FOR SECTION 38 DA= 64.5

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	1028.0	0.0	0.0						
1	1031.0	95.5	205.9	.00	2.20	.00	1.98	1029.5	.00360
2	1031.8	126.2	289.1	.00	2.31	.00	2.78	1029.8	.00303
3	1032.4	156.0	406.6	.00	2.41	.00	3.91	1030.1	.00315
4	1033.2	190.5	571.2	.00	2.51	.00	5.50	1030.5	.00343
5	1034.3	245.7	803.7	.00	2.68	.00	7.73	1031.0	.00319
6	1035.5	307.5	1130.2	.00	2.85	.00	10.87	1031.6	.00329
7	1037.0	391.5	1588.8	.00	3.07	.00	15.28	1032.3	.00325
8	1038.6	492.3	2233.4	.00	3.32	.00	21.48	1033.2	.00336
ZERO-DANG	1040.4	614.4	3134.7	.00	3.58	.00			
9	1040.4	615.3	3140.1	.67	3.58	.00	30.20	1034.4	.00364
BANK FULL	1041.5	720.4	3859.3	2.18	3.72	.00			
10	1042.3	831.8	4415.9	3.34	3.79	.00	42.47	1035.7	.00381
11	1044.4	1145.6	6209.5	4.34	3.92	.00	59.72	1037.3	.00372
12	1046.6	1516.6	8729.9	5.34	4.06	.00	83.96	1039.3	.00380
13	1049.1	2006.0	12275.5	6.34	4.21	.00	118.06	1042.6	.00377
14	1052.0	2619.3	17260.2	6.49	4.40	.00	166.00	1044.4	.00330
15	1053.6	2962.2	20795.4	6.62	4.49	.00	200.00	1045.5	.00370

SEGMENT TABLE FOR SECTION 38

CSM			TOTAL	SEG NO 1 D	SEG NO 2 C
1		DISCHARGE CFS	206.	0.	206.
	3.	VELOCITY FPS	2.16	.00	2.16
2		DISCHARGE CFS	289.	0.	289.
	4.	VELOCITY FPS	2.29	.00	2.29
3		DISCHARGE CFS	407.	0.	407.
	6.	VELOCITY FPS	2.61	.00	2.61
4		DISCHARGE CFS	572.	0.	572.
	9.	VELOCITY FPS	3.01	.00	3.00
5		DISCHARGE CFS	804.	0.	804.
	12.	VELOCITY FPS	3.27	.00	3.27
6		DISCHARGE CFS	1130.	0.	1130.
	18.	VELOCITY FPS	3.68	.00	3.68
7		DISCHARGE CFS	1589.	0.	1589.
	25.	VELOCITY FPS	4.06	.00	4.06
8		DISCHARGE CFS	2233.	0.	2233.
	35.	VELOCITY FPS	4.54	.00	4.54
9		DISCHARGE CFS	3140.	4.	3136.
	49.	VELOCITY FPS	5.15	.62	5.15
10		DISCHARGE CFS	4416.	122.	4294.
	68.	VELOCITY FPS	5.70	1.40	5.77
11		DISCHARGE CFS	6210.	580.	5629.
	96.	VELOCITY FPS	6.03	2.34	5.27
12		DISCHARGE CFS	8730.	1403.	7327.
	135.	VELOCITY FPS	6.47	3.07	6.91
13		DISCHARGE CFS	12276.	2844.	9431.
	190.	VELOCITY FPS	6.83	3.80	7.50
14		DISCHARGE CFS	17260.	5327.	11933.
	268.	VELOCITY FPS	7.14	4.75	7.97
15		DISCHARGE CFS	20795.	7056.	13739.
	322.	VELOCITY FPS	7.51	5.31	8.42
1	ELEV	1031.0 KD	3430.	1.	3429.
2	ELEV	1031.8 KD	5255.	1.	5254.
3	ELEV	1032.4 KD	7245.	1.	7244.
4	ELEV	1033.2 KD	9761.	1.	9760.
5	ELEV	1034.3 KD	14223.	1.	14222.
6	ELEV	1035.5 KD	19697.	1.	19696.
7	ELEV	1037.0 KD	27877.	1.	27876.
8	ELEV	1038.6 KD	38542.	1.	38541.
9	ELEV	1040.4 KD	51966.	6.	51959.
10	ELEV	1042.3 KD	71447.	1843.	69604.
11	ELEV	1044.4 KD	101639.	9191.	92447.
12	ELEV	1046.6 KD	141433.	22417.	119016.
13	ELEV	1049.1 KD	199795.	46170.	153625.
14	ELEV	1052.0 KD	287765.	88775.	198990.
15	ELEV	1053.6 KD	342069.	116046.	226023.

KD TABLE FOR CROSS SECTION 38

ELEVATION	AREA	KD	KD BY SEGMENT	
1028.00	0.			
1029.	17.	225.	1.	224.
1030.	54.	1395.	1.	1394.
1031.	94.	3347.	1.	3346.
1032.	137.	5955.	1.	5954.
1033.	183.	9188.	1.	9187.
1034.	232.	13022.	1.	13021.
1035.	283.	17453.	1.	17452.
1036.	337.	22480.	1.	22479.
1037.	394.	28108.	1.	28107.
1038.	453.	34346.	1.	34345.
1039.	516.	41204.	1.	41203.
1040.	581.	48693.	1.	48692.
1041.	664.	56973.	78.	56828.
1042.	786.	67549.	932.	66175.
1043.	927.	80287.	3491.	76480.
1044.	1078.	95008.	7266.	87537.
1045.	1239.	111561.	12213.	99229.
1046.	1411.	129974.	18294.	111539.
1047.	1594.	150269.	25589.	124460.
1048.	1785.	172619.	34437.	138013.
1049.	1985.	197201.	45012.	152189.
1050.	2192.	224974.	57825.	166945.
1051.	2401.	254689.	72152.	182319.
1052.	2611.	286468.	88146.	198321.
1053.	2824.	319579.	104487.	214929.
1054.	3041.	354002.	121605.	232342.
1055.	3262.	389021.	138321.	250666.
1056.	3487.	425819.	156112.	268911.
1057.	3713.	464564.	175311.	287571.
1058.	3939.	505339.	196099.	306826.
1059.	4165.	548180.	218547.	324676.

RATING TABLE FOR SECTION 8 DA= 84.3

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	CHANNEL	NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	1031.8	0.0	0.0						
1	1035.6	120.5	205.4	.00	2.79	.00	1.98	1033.5	.00152
2	1036.3	151.1	288.5	.00	2.84	.00	2.78	1033.8	.00148
3	1036.9	180.4	405.7	.00	2.88	.00	3.91	1034.1	.00169
4	1037.9	223.2	570.7	.00	2.94	.00	5.50	1034.5	.00174
5	1039.2	283.0	802.1	.00	3.03	.00	7.73	1035.0	.00167
6	1040.6	350.5	1127.9	.00	3.12	.00	10.87	1035.5	.00175
ZERO DAMG	1041.8	411.2	1465.0	.00	3.20	.00			
7	1042.2	463.5	1585.4	5.56	3.23	.00	15.28	1036.3	.00183
BANK-FULL	1043.0	648.8	1935.9	38.43	3.28	.00			
8	1043.6	1026.4	2228.8	65.89	3.31	.00	21.48	1037.1	.00182
9	1044.5	2005.4	3133.5	78.58	3.33	.00	30.20	1038.3	.00143
10	1045.5	3366.5	4406.7	80.76	3.34	.00	42.47	1039.6	.00091
11	1046.7	5003.4	6196.5	81.96	3.34	.00	59.72	1041.3	.00061
12	1048.3	7178.8	8711.7	82.90	3.34	.00	83.96	1044.0	.00040
13	1050.5	10226.2	12249.9	83.73	3.34	.00	118.06	1044.3	.00026
14	1053.3	14087.2	17224.1	84.55	3.34	.00	166.00	1044.7	.00019
15	1055.0	16367.4	20751.7	84.92	3.34	.00	200.00	1044.9	.00017

SEGMENT TABLE FOR SECTION 8

CSM		TOTAL	SEG NO 1 D	SEG NO 2 C	SEG NO 3 D
1	DISCHARGE CFS	205.	0.	205.	0.
3.	VELOCITY FPS	1.71	.00	1.70	.00
2	DISCHARGE CFS	288.	0.	288.	0.
4.	VELOCITY FPS	1.91	.00	1.91	.00
3	DISCHARGE CFS	406.	0.	406.	0.
6.	VELOCITY FPS	2.25	.00	2.25	.00
4	DISCHARGE CFS	571.	0.	571.	0.
9.	VELOCITY FPS	2.56	.00	2.56	.00
5	DISCHARGE CFS	802.	0.	802.	0.
12.	VELOCITY FPS	2.84	.00	2.83	.00
6	DISCHARGE CFS	1128.	0.	1128.	0.
18.	VELOCITY FPS	3.22	.00	3.22	.00
7	DISCHARGE CFS	1585.	0.	1574.	12.
25.	VELOCITY FPS	3.62	.00	3.63	.39
8	DISCHARGE CFS	2229.	7.	1966.	255.
35.	VELOCITY FPS	3.68	.48	3.90	.50
9	DISCHARGE CFS	3134.	40.	1894.	1200.
49.	VELOCITY FPS	2.99	.76	3.46	.85
10	DISCHARGE CFS	4407.	93.	1786.	2528.
69.	VELOCITY FPS	2.14	.83	2.97	.95
11	DISCHARGE CFS	6197.	123.	1745.	4278.
96.	VELOCITY FPS	1.69	.90	2.62	1.03
12	DISCHARGE CFS	8712.	292.	1754.	6666.
136.	VELOCITY FPS	1.44	.94	2.34	1.09
13	DISCHARGE CFS	12250.	475.	1803.	9972.
191.	VELOCITY FPS	1.32	.92	2.09	1.12
14	DISCHARGE CFS	17224.	746.	1971.	14507.
268.	VELOCITY FPS	1.29	1.02	1.95	1.18
15	DISCHARGE CFS	20752.	941.	2133.	17679.
323.	VELOCITY FPS	1.32	1.07	1.95	1.23
1	ELEV 1035.6 KD	5267.	1.	5265.	1.
2	ELEV 1036.3 KD	7507.	1.	7505.	1.
3	ELEV 1036.9 KD	9876.	1.	9874.	1.
4	ELEV 1037.9 KD	13695.	1.	13693.	1.
5	ELEV 1039.2 KD	19618.	1.	19616.	1.
6	ELEV 1040.6 KD	26962.	1.	26960.	1.
7	ELEV 1042.2 KD	36816.	1.	36797.	18.
8	ELEV 1043.6 KD	51040.	88.	46165.	4787.
9	ELEV 1044.5 KD	76045.	717.	52610.	22718.
10	ELEV 1045.5 KD	143510.	2825.	61256.	79430.
11	ELEV 1046.7 KD	250587.	6842.	72396.	171349.
12	ELEV 1048.3 KD	433590.	14429.	88132.	331029.
13	ELEV 1050.5 KD	755055.	29155.	111935.	613966.
14	ELEV 1053.3 KD	1282738.	54594.	144222.	1063172.
15	ELEV 1055.0 KD	1608635.	72768.	165894.	1369973.

KD TABLE FOR CROSS SECTION 3

ELEVATION	AREA	KD	KD BY SEGMENT		
1031.80	0.				
1032.	1.	9.	1.	7.	1.
1033.	21.	421.	1.	419.	1.
1034.	55.	1553.	1.	1551.	1.
1035.	96.	3675.	1.	3673.	1.
1036.	139.	6634.	1.	6632.	1.
1037.	184.	10173.	1.	10171.	1.
1038.	229.	14272.	1.	14270.	1.
1039.	276.	18869.	1.	18867.	1.
1040.	323.	23914.	1.	23912.	1.
1041.	372.	29404.	1.	29402.	1.
1042.	435.	35425.	1.	35311.	4.
1043.	642.	43474.	3.	41699.	1024.
1044.	1386.	61936.	300.	48893.	10059.
1045.	2687.	112445.	1802.	56850.	53793.
1046.	4022.	185705.	4292.	65663.	114167.
1047.	5372.	279512.	7955.	74985.	195428.
1048.	6731.	392569.	12652.	84802.	294396.
1049.	8099.	522885.	18323.	95095.	408987.
1050.	9471.	671480.	25155.	105872.	540453.
1051.	10851.	830681.	32838.	117072.	680423.
1052.	12235.	1006511.	41573.	128735.	835923.
1053.	13623.	1197672.	51270.	140846.	1005456.
1054.	15016.	1400821.	61721.	153380.	1185411.
1055.	16413.	1616201.	73164.	166327.	1376495.
1056.	17813.	1843810.	85453.	179683.	1578446.
1057.	19213.	2063211.	96927.	193304.	1771694.
1058.	20613.	2298636.	109405.	207366.	1979476.
1059.	22013.	2550582.	122929.	221867.	2202896.

******SECT.39 KD VALUES REVERSED ON SEGMENT 3 AT ELEVATION 1046.90 VALUE CHANGED TO EQUAL PREVIOUS VALUE******

RATING TABLE FOR SECTION 39 DA= 64.2

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	CHANNEL	NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	1037.9	0.0	0.0						
1	1040.4	106.7	205.3	.00	2.22	.00	1.98	1039.1	.00297
2	1040.9	133.5	288.2	.00	2.25	.00	2.70	1039.3	.00285
3	1041.7	175.0	405.4	.00	2.30	.00	3.91	1039.6	.00240
4	1042.3	212.1	570.3	.00	2.35	.00	5.50	1039.9	.00260
BANK FULL	1042.6	228.7	632.8	.00	2.36	.00			
ZERO DAMG	1042.6	228.7	632.8	.00	2.36	.00			
5	1043.4	275.7	801.5	.15	2.39	.00	7.73	1040.3	.00226
6	1044.5	346.2	1127.0	.77	2.42	.00	10.87	1040.8	.00228
7	1045.9	576.2	1584.5	10.69	2.45	.00	15.28	1041.4	.00192
8	1046.9	993.3	2227.1	23.99	2.48	.00	21.48	1042.2	.00187
9	1047.7	1510.1	3131.3	25.37	2.48	.00	30.20	1043.2	.00168
10	1048.4	1999.3	4403.5	26.00	2.48	.00	42.47	1045.9	.00171
11	1049.3	2664.6	6192.0	26.55	2.48	.00	59.72	1046.6	.00156
12	1050.7	3613.0	8705.3	27.31	2.48	.00	83.96	1047.1	.00129
13	1052.3	4837.1	12241.0	28.26	2.48	.00	118.06	1047.6	.00106
14	1054.7	6624.9	17211.6	29.60	2.48	.00	166.00	1048.1	.00081
15	1056.2	7797.2	20736.8	30.45	2.48	.00	200.00	1048.5	.00072

SEGMENT TABLE FOR SECTION 39

CSM		TOTAL	SEG NO 1 D	2 C	3 D
1	DISCHARGE CFS	205.	0.	205.	0.
.3	VELOCITY FPS	1.93	.00	1.92	.00
2	DISCHARGE CFS	288.	0.	288.	0.
4.	VELOCITY FPS	2.16	.00	2.16	.00
3	DISCHARGE CFS	405.	0.	405.	0.
6.	VELOCITY FPS	2.32	.00	2.32	.00
4	DISCHARGE CFS	570.	0.	570.	0.
9.	VELOCITY FPS	2.69	.00	2.69	.00
5	DISCHARGE CFS	801.	0.	800.	1.
12.	VELOCITY FPS	2.92	.00	2.92	.59
6	DISCHARGE CFS	1127.	0.	1118.	8.
18.	VELOCITY FPS	3.31	.26	3.32	.99
7	DISCHARGE CFS	1584.	79.	1472.	33.
25.	VELOCITY FPS	3.37	.62	3.48	1.24
8	DISCHARGE CFS	2227.	421.	1773.	33.
35.	VELOCITY FPS	3.33	.92	3.70	.61
9	DISCHARGE CFS	3131.	1054.	1927.	151.
49.	VELOCITY FPS	3.05	1.26	3.55	1.04
10	DISCHARGE CFS	4403.	1873.	2214.	317.
69.	VELOCITY FPS	3.04	1.56	3.07	1.36
11	DISCHARGE CFS	6192.	3108.	2498.	586.
96.	VELOCITY FPS	2.94	1.84	3.93	1.67
12	DISCHARGE CFS	8705.	4927.	2776.	1002.
136.	VELOCITY FPS	2.82	2.06	3.93	1.93
13	DISCHARGE CFS	12241.	7480.	3167.	1591.
191.	VELOCITY FPS	2.79	2.27	3.93	2.17
14	DISCHARGE CFS	17212.	11143.	3623.	2446.
268.	VELOCITY FPS	2.76	2.41	3.82	2.34
15	DISCHARGE CFS	20737.	13732.	3960.	3045.
323.	VELOCITY FPS	2.79	2.49	3.82	2.44
1	ELEV 1040.4 KD	3766.	1.	3764.	1.
2	ELEV 1040.9 KD	5399.	1.	5397.	1.
3	ELEV 1041.7 KD	8275.	1.	8273.	1.
4	ELEV 1042.3 KD	11183.	1.	11181.	1.
5	ELEV 1043.4 KD	16845.	1.	16827.	17.
6	ELEV 1044.5 KD	23574.	2.	23410.	162.
7	ELEV 1045.9 KD	36034.	1650.	33627.	758.
8	ELEV 1046.9 KD	51377.	9591.	41027.	759.
9	ELEV 1047.7 KD	74777.	23939.	47781.	3057.
10	ELEV 1048.4 KD	105455.	43849.	54434.	7172.
11	ELEV 1049.3 KD	156069.	77678.	63692.	14499.
12	ELEV 1050.7 KD	241996.	136354.	78054.	27588.
13	ELEV 1052.3 KD	376151.	229823.	97443.	48885.
14	ELEV 1054.7 KD	605603.	392063.	127493.	86048.
15	ELEV 1056.2 KD	775388.	513387.	148158.	113843.

KD TABLE FOR CROSS SECTION 39

ELEVATION	AREA	KD	KD BY SEGMENT		
1037.90	0.				
1038.	1.	5.	1.	4.	1.
1039.	33.	558.	1.	556.	1.
1040.	85.	2626.	1.	2624.	1.
1041.	139.	5755.	1.	5753.	1.
1042.	195.	9775.	1.	9773.	1.
1043.	252.	14676.	1.	14665.	5.
1044.	315.	20544.	1.	20457.	70.
1045.	386.	27321.	15.	26973.	320.
1046.	608.	37164.	1896.	34160.	758.
1047.	1069.	54687.	11185.	42029.	919.
1048.	1745.	90268.	33829.	50963.	5162.
1049.	2436.	138680.	66068.	60624.	11999.
1050.	3142.	196483.	106475.	70944.	20921.
1051.	3860.	268250.	154457.	81903.	31716.
1052.	4594.	347266.	209343.	93479.	44179.
1053.	5341.	435769.	271491.	105662.	58382.
1054.	6101.	533383.	340562.	118439.	74213.
1055.	6875.	639710.	416234.	131792.	91567.
1056.	7661.	754781.	498572.	145713.	110447.
1057.	8465.	877297.	586454.	160176.	130536.
1058.	9279.	1009942.	682533.	175189.	152108.
1059.	10104.	1153121.	787291.	190741.	175059.
1060.	10937.	1306963.	900909.	206808.	199166.
1061.	11776.	1468806.	1020689.	223390.	224611.
1062.	12618.	1639949.	1147829.	240493.	251605.
1063.	13467.	1817270.	1279436.	258082.	279668.
1064.	14320.	2003020.	1417615.	276171.	309167.
1065.	15177.	2196810.	1561992.	294752.	340047.
1066.	16042.	2396790.	1710883.	313802.	372040.
1067.	16910.	2605086.	1866235.	333335.	405477.
1068.	17785.	2820052.	2026542.	353332.	440119.
1069.	18664.	3042956.	2193002.	373776.	476109.
1070.	19547.	3273584.	2365422.	394720.	513408.
1071.	20435.	3513456.	2545382.	416092.	551927.
1072.	21324.	3762830.	2733022.	437923.	591870.
1073.	22217.	4017312.	2924144.	460185.	632931.
1074.	23110.	4280100.	3121736.	482898.	675459.
1075.	24007.	4547672.	3322489.	506034.	719098.
1076.	24905.	4823992.	3529854.	529615.	764513.
1077.	25805.	5107504.	3740150.	553611.	813688.
1078.	26705.	5398720.	3956267.	578040.	864382.
1079.	27605.	5687812.	4170480.	602838.	914217.
1080.	28505.	5984875.	4390724.	628066.	965622.
1081.	29405.	6289942.	4619024.	653721.	1018610.

RATING TABLE FOR SECTION 40 DA= 63.8

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	1038.7	0.0	0.0						
1	1041.8	128.3	204.6	.00	1.18	.00	1.98	1040.0	.00155
2	1042.4	161.4	287.2	.00	1.23	.00	2.78	1040.3	.00150
3	1043.1	198.8	404.0	.00	1.27	.00	3.91	1040.5	.00157
4	1044.0	249.2	568.2	.00	1.33	.00	5.50	1040.9	.00157
BANK-FULL	1044.8	298.8	757.3	.00	1.38	.00			
ZERO DAMG	1044.8	298.8	757.3	.00	1.38	.00			
5	1045.0	309.8	798.6	.08	1.39	.00	7.73	1041.3	.00161
6	1046.1	433.3	1123.0	3.06	1.42	.00	10.87	1041.8	.00162
7	1047.3	868.6	1578.6	9.89	1.45	.00	15.28	1042.4	.00124
8	1048.1	1335.3	2219.2	12.83	1.46	.00	21.48	1043.2	.00113
9	1048.8	1770.7	3120.1	13.54	1.46	.00	30.20	1044.2	.00115
10	1049.5	2270.7	4387.8	13.69	1.46	.00	42.47	1046.7	.00119
11	1050.5	2909.8	6169.9	13.80	1.46	.00	59.72	1047.2	.00117
12	1051.7	3763.8	8674.3	14.13	1.46	.00	83.96	1047.8	.00107
13	1053.3	4865.5	12197.3	14.44	1.46	.00	118.06	1048.3	.00097
14	1055.5	6430.8	17150.2	14.83	1.46	.00	166.00	1048.9	.00081
15	1056.9	7462.9	20662.9	15.06	1.46	.00	200.00	1049.2	.00073

SEGMENT TABLE FOR SECTION 40

CSM		TOTAL	SEG NO 1 D	SEG NO 2 C	SEG NO 3 D
1	DISCHARGE CFS	205.	0.	205.	0.
3.	VELOCITY FPS	1.60	.00	1.59	.00
2	DISCHARGE CFS	287.	0.	287.	0.
5.	VELOCITY FPS	1.78	.00	1.78	.00
3	DISCHARGE CFS	404.	0.	404.	0.
6.	VELOCITY FPS	2.03	.00	2.03	.00
4	DISCHARGE CFS	568.	0.	568.	0.
9.	VELOCITY FPS	2.28	.00	2.28	.00
5	DISCHARGE CFS	799.	0.	798.	0.
13.	VELOCITY FPS	2.58	.00	2.58	.25
6	DISCHARGE CFS	1123.	22.	1092.	8.
18.	VELOCITY FPS	2.87	.51	2.90	.68
7	DISCHARGE CFS	1529.	271.	1228.	30.
25.	VELOCITY FPS	2.59	.74	2.80	.62
8	DISCHARGE CFS	2219.	687.	1440.	92.
35.	VELOCITY FPS	2.43	.97	2.82	.79
9	DISCHARGE CFS	3120.	1227.	1697.	196.
49.	VELOCITY FPS	2.42	1.21	3.07	.96
10	DISCHARGE CFS	4388.	2028.	1979.	381.
69.	VELOCITY FPS	2.49	1.48	3.29	1.26
11	DISCHARGE CFS	6170.	3194.	2306.	669.
97.	VELOCITY FPS	2.55	1.76	3.48	1.54
12	DISCHARGE CFS	8674.	4880.	2687.	1107.
136.	VELOCITY FPS	2.62	2.02	3.62	1.82
13	DISCHARGE CFS	12197.	7274.	3122.	1751.
191.	VELOCITY FPS	2.73	2.29	3.75	2.09
14	DISCHARGE CFS	17150.	10677.	3756.	2717.
269.	VELOCITY FPS	2.81	2.50	3.80	2.32
15	DISCHARGE CFS	20663.	13090.	4163.	3411.
324.	VELOCITY FPS	2.89	2.62	3.86	2.45
1	ELEV 1041.8 KD	5192.	1.	5190.	1.
2	ELEV 1042.4 KD	7405.	1.	7403.	1.
3	ELEV 1043.1 KD	10193.	1.	10191.	1.
4	ELEV 1044.0 KD	14327.	1.	14325.	1.
5	ELEV 1045.0 KD	19908.	1.	19903.	3.
6	ELEV 1046.1 KD	27607.	227.	27214.	167.
7	ELEV 1047.3 KD	43642.	6143.	36685.	815.
8	ELEV 1048.1 KD	64565.	18482.	43934.	2149.
9	ELEV 1048.8 KD	91627.	35746.	50280.	5601.
10	ELEV 1049.5 KD	126705.	58114.	57841.	10751.
11	ELEV 1050.5 KD	180332.	92984.	68001.	19347.
12	ELEV 1051.7 KD	264495.	148524.	82375.	33595.
13	ELEV 1053.3 KD	391598.	233361.	102133.	56104.
14	ELEV 1055.5 KD	604220.	376164.	132357.	95699.
15	ELEV 1056.9 KD	762164.	482817.	153544.	125804.

KD TABLE FOR CROSS-SECTION 40

ELEVATION	AREA	KD	KD BY SEGMENT		
1038.70	0.				
1039.	2.	16.	1.	13.	1.
1040.	37.	709.	1.	707.	1.
1041.	86.	2750.	1.	2748.	1.
1042.	137.	5769.	1.	5767.	1.
1043.	192.	9671.	1.	9669.	1.
1044.	250.	14396.	1.	14394.	1.
1045.	311.	20044.	1.	20039.	3.
1046.	418.	27287.	179.	26769.	149.
1047.	732.	39581.	3785.	34296.	659.
1048.	1250.	61795.	16066.	42742.	1750.
1049.	1913.	101032.	41191.	52378.	6775.
1050.	2586.	152422.	74489.	62701.	14747.
1051.	3268.	214135.	114970.	73919.	24924.
1052.	3959.	286074.	162841.	85787.	37362.
1053.	4659.	366610.	216589.	98339.	51584.
1054.	5368.	455699.	276178.	111560.	67796.
1055.	6085.	553554.	341906.	125446.	86042.
1056.	6810.	659560.	413329.	139976.	106112.
1057.	7540.	774219.	490941.	155153.	128095.
1058.	8280.	895498.	573072.	170925.	151417.
1059.	9027.	1024478.	660670.	187307.	176406.
1060.	9780.	1161572.	754112.	204294.	203114.
1061.	10540.	1306503.	853261.	221866.	231355.
1062.	11307.	1460235.	959297.	239992.	260853.
1063.	12076.	1622669.	1071780.	258706.	292139.
1064.	12849.	1791594.	1188783.	277969.	324792.
1065.	13626.	1967118.	1310422.	297777.	358855.
1066.	14405.	2150328.	1437596.	318145.	394574.
1067.	15189.	2338996.	1568457.	339026.	431469.
1068.	15976.	2534684.	1704304.	360443.	469694.
1069.	16766.	2737094.	1844888.	382387.	509788.
1070.	17560.	2946232.	1990366.	404837.	550986.
1071.	18356.	3163086.	2141486.	427815.	593776.
1072.	19155.	3386081.	2296342.	451274.	638417.
1073.	19955.	3616162.	2456130.	475245.	684753.
1074.	20755.	3844642.	2613584.	499592.	731150.
1075.	21555.	4080571.	2776310.	524453.	779264.
1076.	22355.	4323968.	2944322.	549825.	829105.

RATING TABLE FOR SECTION 41 DA= 62.8

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	1040.2	0.0	0.0						
1	1043.1	151.0	202.7	.00	2.56	.00	1.98	1041.4	.00073
2	1043.6	184.8	284.6	.00	2.63	.00	2.78	1041.6	.00076
3	1044.3	236.6	400.3	.00	2.73	.00	3.91	1041.8	.00070
4	1045.1	295.3	563.1	.00	2.84	.00	5.50	1042.1	.00070
5	1046.1	372.1	791.4	.00	2.98	.00	7.73	1042.4	.00069
6	1047.2	463.1	1112.9	.00	3.14	.00	10.87	1042.9	.00071
BANK FULL	1047.3	469.4	1141.0	.00	3.15	.00			
ZERO DAMG	1047.3	469.4	1141.0	.00	3.15	.00			
7	1048.5	573.4	1564.4	.48	3.22	.00	15.28	1043.4	.00074
8	1049.5	682.1	2199.1	1.21	3.22	.00	21.48	1044.1	.00089
9	1050.4	805.1	3091.9	1.84	3.22	.00	30.20	1044.9	.00115
10	1051.6	961.0	4340.1	2.25	3.22	.00	42.47	1045.9	.00145
11	1052.9	1157.6	6114.2	2.66	3.22	.00	59.72	1047.2	.00178
12	1054.4	1409.2	8595.9	3.14	3.22	.00	83.96	1049.0	.00210
13	1056.3	1747.9	12087.0	4.23	3.22	.00	118.06	1050.8	.00243
14	1058.6	2249.1	16995.1	5.97	3.22	.00	166.00	1052.6	.00265
15	1060.0	2611.5	20476.1	7.04	3.22	.00	200.00	1053.7	.00273

SEGMENT TABLE FOR SECTION 41

CSM			TOTAL	SEG NO 1 D	SEG NO 2 C	SEG NO 3 D
1		DISCHARGE CFS	203.	0	203.	0.
	3.	VELOCITY FPS	1.35	.00	1.34	.00
2		DISCHARGE CFS	285.	0.	285.	0.
	5.	VELOCITY FPS	1.54	.00	1.54	.00
3		DISCHARGE CFS	400.	0.	400.	0.
	6.	VELOCITY FPS	1.69	.00	1.69	.00
4		DISCHARGE CFS	563.	0.	563.	0.
	9.	VELOCITY FPS	1.91	.00	1.91	.00
5		DISCHARGE CFS	791.	0.	791.	0.
	13.	VELOCITY FPS	2.13	.00	2.13	.00
6		DISCHARGE CFS	1113.	0.	1113.	0.
	18.	VELOCITY FPS	2.41	.00	2.40	.00
7		DISCHARGE CFS	1564.	2.	1561.	1.
	25.	VELOCITY FPS	2.76	.46	2.75	.45
8		DISCHARGE CFS	2199.	15.	2179.	5.
	35.	VELOCITY FPS	3.33	.69	3.34	.68
9		DISCHARGE CFS	3092.	56.	3020.	15.
	49.	VELOCITY FPS	4.06	1.06	4.10	.97
10		DISCHARGE CFS	4348.	162.	4148.	38.
	69.	VELOCITY FPS	4.90	1.61	4.99	1.32
11		DISCHARGE CFS	6114.	372.	5656.	86.
	97.	VELOCITY FPS	5.82	2.25	6.00	1.74
12		DISCHARGE CFS	8596.	744.	7673.	179.
	137.	VELOCITY FPS	6.81	2.94	7.14	2.21
13		DISCHARGE CFS	12087.	1398.	10374.	315.
	192.	VELOCITY FPS	7.91	3.73	8.40	2.28
14		DISCHARGE CFS	16995.	2474.	13833.	688.
	271.	VELOCITY FPS	8.93	4.52	9.68	2.53
15		DISCHARGE CFS	20476.	3301.	16067.	1107.
	326.	VELOCITY FPS	9.44	4.94	10.38	2.80
1	ELEV 1043.1	KD	7518.	1.	7516.	1.
2	ELEV 1043.6	KD	10310.	1.	10308.	1.
3	ELEV 1044.3	KD	15144.	1.	15142.	1.
4	ELEV 1045.1	KD	21259.	1.	21257.	1.
5	ELEV 1046.1	KD	30136.	1.	30134.	1.
6	ELEV 1047.2	KD	41805.	1.	41802.	2.
7	ELEV 1048.5	KD	57611.	14.	57571.	26.
8	ELEV 1049.5	KD	73420.	384.	72881.	155.
9	ELEV 1050.4	KD	90990.	1494.	89065.	430.
10	ELEV 1051.6	KD	114014.	4065.	108978.	971.
11	ELEV 1052.9	KD	144917.	8565.	134367.	1985.
12	ELEV 1054.4	KD	187393.	16113.	167419.	3862.
13	ELEV 1056.3	KD	245173.	28164.	210675.	6334.
14	ELEV 1058.6	KD	330007.	42933.	268853.	13221.
15	ELEV 1060.0	KD	391545.	63033.	307528.	20984.

KD TABLE FOR CROSS SECTION 41

ELEVATION	AREA	KD	KD BY SEGMENT		
1040.20	0.				
1041.	19.	314.	1.	312.	1.
1042.	80.	2732.	1.	2729.	1.
1043.	146.	7100.	1.	7098.	1.
1044.	215.	13050.	1.	13048.	1.
1045.	288.	20447.	1.	20445.	1.
1046.	364.	29213.	1.	29211.	1.
1047.	445.	39352.	1.	39349.	1.
1048.	530.	51345.	3.	51330.	9.
1049.	629.	65908.	119.	65621.	78.
1050.	747.	82733.	858.	81487.	282.
1051.	881.	102097.	2607.	98894.	664.
1052.	1024.	123981.	5416.	117195.	1263.
1053.	1177.	148298.	9092.	136926.	2110.
1054.	1337.	175039.	13742.	157885.	3254.
1055.	1507.	204026.	19360.	180028.	4537.
1056.	1687.	235169.	25976.	203322.	5805.
1057.	1886.	269036.	33627.	227740.	7668.
1058.	2110.	306458.	42222.	253206.	10834.
1059.	2352.	347222.	52005.	279771.	15166.
1060.	2610.	391491.	62783.	307404.	20956.
1061.	2891.	439578.	75078.	336051.	28286.
1062.	3194.	491657.	88370.	365698.	37255.
1063.	3514.	547753.	102978.	396355.	48091.
1064.	3853.	608067.	118925.	427997.	60935.
1065.	4217.	672977.	136175.	460580.	75760.
1066.	4593.	742268.	154919.	494146.	93000.
1067.	4996.	816464.	175039.	528623.	112447.
1068.	5417.	895530.	196663.	564029.	134414.
1069.	5851.	979460.	219887.	600375.	159196.
1070.	6315.	1073838.	246506.	637570.	189000.
1071.	6781.	1173505.	274853.	675665.	221974.
1072.	7251.	1277768.	303428.	714443.	254175.
1073.	7721.	1387637.	333950.	754143.	289830.
1074.	8191.	1503220.	366484.	794757.	329186.

TABLE OF VALUES FOR BPR EQUATION

COEFK	AKB	DBTAK	SIGMA	DKE	DKS	M	ALPHA	ALPHA2	BRIDA	APPAR	AEXIT
.1015	.0000	.1041	1.0002	.0000	-.0026	.9999	1.0000	1.0000	173.8886	206.5541	216.3493
DCRIT	1040.60	KBCRIT=									
.0981	.0000	.1006	1.0002	.0000	-.0026	.9999	1.0000	1.0000	207.4998	234.4693	252.3521
DCRIT	1040.84	KBCRIT=									
.0925	.0000	.0951	1.0002	.0000	-.0026	.9999	1.0000	1.0000	260.8579	276.0273	307.2395
DCRIT	1041.12	KBCRIT=									
.0864	.0000	.0890	1.0002	.0000	-.0026	.9999	1.0000	1.0000	324.3445	321.8936	369.2314
DCRIT	1041.47	KBCRIT=									
.0769	.0000	.0794	1.0002	.0000	-.0026	.9999	1.0000	1.0000	429.5842	379.9756	449.9685
DCRIT	1041.90	KBCRIT=									
.0781	.0000	.0807	1.0002	.0000	-.0026	.9999	1.0000	1.0000	580.0935	449.7820	546.8271
DCRIT	1042.41	KBCRIT=									
.1281	.0491	.0810	.9946	.0000	-.0020	.9592	1.5564	1.5337	745.0786	700.7180	678.1421
DCRIT	1043.02	KBCRIT=									
.2390	.1618	.0798	.9755	.0000	-.0026	.8590	2.1302	2.0047	883.1560	1093.9507	808.5217
DCRIT	1043.76	KBCRIT=									
.4244	.3541	.0767	.9338	.0000	-.0065	.7971	2.3164	2.0493	1018.9944	1598.2380	951.0554
DCRIT	1044.63	KBCRIT=									
.6456	.5869	.0723	.8770	.0000	-.0135	.7083	2.2508	1.8860	1173.7554	2259.6965	1124.5752
DCRIT	1046.03	KBCRIT=									
.8940	.8504	.0669	.8093	.0000	-.0233	.6234	2.0073	1.6279	1355.8462	3099.0291	1342.4302
DCRIT	1046.92	KBCRIT=									
1.1144	1.0856	.0620	.7477	.0000	-.0332	.5564	1.7748	1.4311	1571.9534	4142.9531	1621.9373
DCRIT	1047.94	KBCRIT=									
1.2293	1.2086	.0594	.7152	.0000	-.0386	.5238	1.6602	1.3458	1930.3594	4879.1016	2021.4692
DCRIT	1049.22	KBCRIT=									
.0000	.0000	.0000	.0000	.0000	.0000	.0000	1.6602	1.3458	1930.3594	4879.1016	2021.4692
DCRIT	-1.00	KBCRIT=									
.0000	.0000	.0000	.0000	.0000	.0000	.0000	1.6602	1.3458	1930.3594	4879.1016	2021.4692
DCRIT	-1.00	KBCRIT=									

ROAD SECTION NCBP

NO.	HW	CFS	HL	TW	CSM
0	1039.30	0.00	0.00	0.00	0.00
1	1043.12	202.71	.00	1043.12	1.98
2	1043.62	284.62	.00	1043.62	2.78
3	1044.36	400.31	.00	1044.36	3.91
4	1045.16	563.09	.00	1045.16	5.50
5	1046.16	791.40	.00	1046.16	7.73
6	1047.30	1112.87	.00	1047.30	10.87
7	1048.54	1564.37	.00	1048.54	15.28
8	1049.63	2199.13	.06	1049.57	21.48
9	1050.82	3091.89	.22	1050.60	30.20
10	1052.24	4348.09	.48	1051.76	42.47
11	1053.95	6114.15	.82	1053.13	59.72
12	1056.04	8595.85	1.28	1054.76	83.96
13	1058.35	12087.02	1.64	1056.70	118.06
14	1062.05	16995.14	2.98	1059.07	166.00
15	1063.63	20476.07	3.10	1060.53	200.00

MIN ROAD ELEVATION = 1061.10

BRIDGE TYPE 2 GIRDER BOTTOM ELEVATION = 1057.40 OPENING NO.= 1

RATING TABLE FOR SECTION 43 DA= 62.8

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	1040.6	0.0	0.0						
1	1043.2	140.8	202.7	.00	.18	.00	1.98	1041.4	.00072
2	1043.8	168.8	284.6	.00	.18	.00	2.78	1041.6	.00079
3	1044.5	209.3	400.3	.00	.18	.00	3.91	1041.8	.00079
4	1045.3	254.5	563.1	.00	.18	.00	5.50	1042.1	.00085
5	1046.3	311.7	791.4	.00	.18	.00	7.73	1042.5	.00089
6	1047.4	377.8	1112.9	.00	.19	.00	10.87	1043.0	.00098
BANK FULL	1048.4	435.0	1459.5	.00	.19	.00			
ZERO DAMG	1048.4	435.0	1459.5	.00	.19	.00			
7	1048.7	462.1	1564.4	.17	.19	.00	15.28	1043.6	.00117
8	1049.8	674.7	2199.1	.71	.19	.00	21.48	1044.4	.00134
9	1050.9	1089.3	3091.9	1.12	.19	.00	30.20	1045.3	.00137
10	1052.4	1696.7	4348.1	1.25	.19	.00	42.47	1046.5	.00119
11	1054.1	2499.3	6114.2	1.39	.19	.00	59.72	1049.8	.00099
12	1056.1	3526.4	8595.9	1.41	.19	.00	83.96	1050.7	.00079
13	1058.4	4690.1	12087.0	1.45	.19	.00	118.06	1051.3	.00070
14	1062.1	6625.6	16995.1	1.58	.19	.00	166.00	1052.1	.00052
15	1063.7	7537.8	20476.1	1.72	.19	.00	200.00	1052.6	.00055

WARNING**********PROFILE NO 15 EXCEEDS SURVEY DATA BY .6 FT. COMPUTATION BASED ON VERTICAL EXTENSION OF END POINTS**********

SEGMENT TABLE FOR SECTION 43

CSM		TOTAL	SEG NO 1 D	2 C	3 D
1	DISCHARGE CFS	203.	0.	203.	0.
3.	VELOCITY FPS	1.44	.00	1.44	.00
2	DISCHARGE CFS	285.	0.	285.	0.
5.	VELOCITY FPS	1.69	.00	1.69	.00
3	DISCHARGE CFS	400.	0.	400.	0.
6.	VELOCITY FPS	1.91	.00	1.91	.00
4	DISCHARGE CFS	563.	0.	563.	0.
9.	VELOCITY FPS	2.21	.00	2.21	.00
5	DISCHARGE CFS	791.	0.	791.	0.
13.	VELOCITY FPS	2.54	.00	2.54	.00
6	DISCHARGE CFS	1113.	0.	1113.	0.
18.	VELOCITY FPS	2.95	.00	2.95	.00
7	DISCHARGE CFS	1564.	1.	1560.	3.
25.	VELOCITY FPS	3.46	.37	3.46	.39
8	DISCHARGE CFS	2199.	26.	2106.	68.
35.	VELOCITY FPS	4.01	.53	4.08	.61
9	DISCHARGE CFS	3092.	140.	2623.	329.
49.	VELOCITY FPS	4.18	.79	4.48	1.01
10	DISCHARGE CFS	4348.	463.	3070.	815.
69.	VELOCITY FPS	3.93	1.09	4.58	1.36
11	DISCHARGE CFS	6114.	1053.	3536.	1525.
97.	VELOCITY FPS	3.64	1.33	4.58	1.63
12	DISCHARGE CFS	8596.	2047.	4067.	2482.
137.	VELOCITY FPS	3.37	1.61	4.53	1.83
13	DISCHARGE CFS	12087.	3443.	4852.	3793.
192.	VELOCITY FPS	3.35	1.90	4.69	2.06
14	DISCHARGE CFS	16995.	5381.	5806.	5808.
271.	VELOCITY FPS	3.20	1.97	4.62	2.20
15	DISCHARGE CFS	20476.	6558.	6697.	7221.
326.	VELOCITY FPS	3.39	2.05	4.98	2.41
1	ELEV 1043.2 KD	7573.	1.	7571.	1.
2	ELEV 1043.8 KD	10110.	1.	10108.	1.
3	ELEV 1044.5 KD	14211.	1.	14209.	1.
4	ELEV 1045.3 KD	19322.	1.	19320.	1.
5	ELEV 1046.3 KD	26464.	1.	26462.	1.
6	ELEV 1047.4 KD	35538.	1.	35536.	1.
7	ELEV 1048.7 KD	46630.	6.	46621.	3.
8	ELEV 1049.8 KD	59689.	561.	57758.	1370.
9	ELEV 1050.9 KD	82607.	3169.	71273.	8165.
10	ELEV 1052.4 KD	125433.	12956.	89312.	23165.
11	ELEV 1054.1 KD	194264.	32965.	113037.	48262.
12	ELEV 1056.1 KD	306087.	72767.	144988.	88331.
13	ELEV 1058.4 KD	457352.	129872.	184111.	143369.
14	ELEV 1062.1 KD	743896.	235721.	254307.	253868.
15	ELEV 1063.7 KD	875380.	279672.	286952.	308756.

KD TABLE FOR CROSS SECTION 43

ELEVATION	AREA	KD	KD BY SEGMENT		
1040.60	0.				
1041.	21.	336.	1.	334.	1.
1042.	74.	2661.	1.	2659.	1.
1043.	127.	6459.	1.	6457.	1.
1044.	182.	11419.	1.	11416.	1.
1045.	238.	17375.	1.	17373.	1.
1046.	294.	24221.	1.	24219.	1.
1047.	352.	31879.	1.	31877.	1.
1048.	411.	40309.	1.	40306.	1.
1049.	515.	50203.	26.	49686.	23.
1050.	748.	63993.	800.	60236.	2059.
1051.	1112.	84963.	3409.	71954.	8599.
1052.	1538.	113929.	9910.	84580.	18778.
1053.	1993.	149548.	19250.	98006.	31674.
1054.	2472.	192040.	32136.	112218.	47363.
1055.	2964.	242459.	49810.	127189.	65460.
1056.	3462.	298347.	69764.	142892.	85437.
1057.	3964.	359912.	92599.	159321.	107709.
1058.	4470.	426804.	117973.	176458.	132071.
1059.	4979.	499229.	146101.	194294.	158728.
1060.	5493.	576033.	175924.	212807.	187167.
1061.	6015.	656689.	207106.	231984.	217440.
1062.	6556.	735383.	233663.	251822.	249795.
1063.	7122.	807032.	250581.	272310.	284140.
1064.	7719.	906646.	293063.	293422.	319874.
1065.	8317.	1012556.	339434.	315170.	357768.
1066.	8917.	1124128.	389022.	337535.	397457.
1067.	9521.	1240792.	440613.	360504.	439477.
1068.	10125.	1362120.	494402.	384069.	483396.
1069.	10730.	1488452.	545771.	408176.	527090.
1070.	11335.	1608697.	600421.	432884.	573016.
1071.	11940.	1740928.	658438.	458186.	621206.

-80/30 LIST OF INPUT DATA-

END.JOB 619

**********NORMAL END OF JOB----------

80/80 LIST OF INPUT DATA

ENDRUN 620

---80/80 LIST OF INPUT DATA---

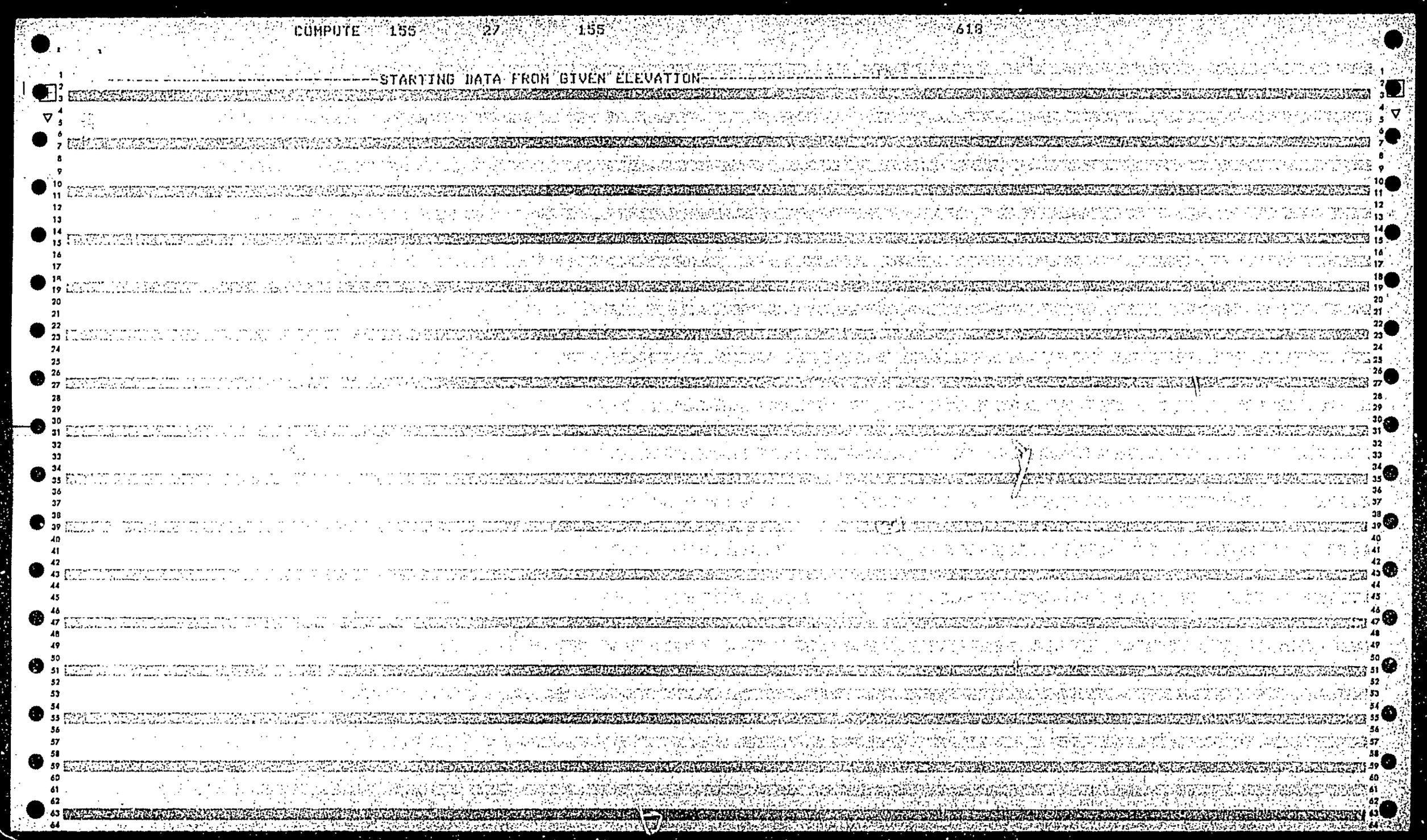
```
WSP2       20                                                                1
TITLE      STEWARTS & PAULS CREEK                                            2
TITLE      STEWARTS CREEK 02-28-83-SCS; 6-28-88-JET SET DISCHARGE            3
DISCHARGE -1.0       1.00     3.700     5.4500    7.0500    11.865           5A
STARTS     155       966.00   974.50    978.79    980.60    986.31           6
OUTPUT     RSK                                                               9
REACH      155       2891.0   0         0         0         0                10
REACH      165       2891.0   1330      1330                                 11
REACH      145       2891.0   2000      2000                                 12
REACH      22        2000.0   1600      1600      200       200              13
REACH      71        2000.0   720       720       820       920              14
ROAD       RR        2.7      200       100                                  15
REACH      73        2000.0   180       80        80        180              16
REACH      24        2000.    960       880       760       1040             17
ROAD       SR2000    2.7      120       120                                  18
REACH      26        2000.0   100       80        80        100              19
REACH      1         2000.0   1920      1800      1800      1920             20
REACH      27        2000.0   2520      2400      2400      2520             21
SECTION    155                                                               96
           .30       990                981.7     35        970.4            97
           170       966.2    200       962.8     280       961.1            98
           291       968.6    340       981.7     540       990              99
ENDTABLE                                                                     99A
SEGMENT    155       1        B         170                                  100
NVALUE     .10                                                               101
SEGMENT    155       2        C         291                                  102
NVALUE     .03                                                               103
SEGMENT    155       3        B         540                                  104
NVALUE     .10                                                               105
SECTION    165                                                               106
           .30       990      0         982.2     15        974.1            107
           45        972.7    50        962.8     160       962.2            108
           120       971.2    210       972.3     250       982.2            109
           300       990                                                     110
ENDTABLE                                                                     111
SEGMENT    165       1        B         45                                   112
NVALUE     .10                                                               113
SEGMENT    165       2        C         170                                  114
NVALUE     .03                                                               115
SEGMENT    165       3        B         300                                  116
NVALUE     .10                                                               117
SECTION    145                                                               118
           .10       990      0         987.1     85        975.6            119
           270       975.1    290       958.7     900       959.2            120
           915       972      940       987.1     950       990              121
```

```
-------------------------------80/80 LIST OF INPUT DATA------------------------------------
ENDTABLE                                                                        122
SEGMENT     145        1          D           770                               123
NVALUE      .10                                                                 124
SEGMENT     145        2          C           915                               125
NVALUE      .05                                                                 126
SEGMENT     145        3          D           950                               127
NVALUE      .10                                                                 128
SECTION     23                                                                  129
            2645       1000       2665        988         2686       977.2      130
            2720       977.9      2735        984         2765       984.1      131
            2800       979.3      2955        979.8       3000       988        132
            3065       1000                                                     133
ENDTABLE                                                                        134
SEGMENT     23         1          D           2720                              135
NVALUE      .10                                                                 136
SEGMENT     23         2          C           2800                              137
NVALUE      .065                                                                138
SEGMENT     23         3          D           3065                              139
NVALUE      .10                                                                 140
SECTION     71                                                                  141
            -30        1000       0           991.4       55         973        142
            65         965.1      110         963.8       125        979.6      143
            170        978.5      195         994         205        1000       144
ENDTABLE                                                                        145
SEGMENT     71         1          D           55                                146
NVALUE      .10                                                                 147
SEGMENT     71         2          C           125                               148
NVALUE      .065                                                                149
SEGMENT     71         3          D           205                               150
NVALUE      .10                                                                 151
SECTION     RR                                                                  152
            0          1020.8     1260        1000.4      1260       990.8      153
            1300       975.3      1387        974.3       1390       963.2      154
            1437       962.3      1442        965.5       1530       978.4      155
            1570       999.5      1570        1006.5      2300       1020.8     156
ENDTABLE                                                                        157
----------------MAX ELEV DIFFERENCE BETWEEN POINTS ON SECTION RR     EXCEEDS  20. FEET--------
BPR         RR         6          3           5                                 158
 LER        978.3      2          962.3       2           978.4      4          159
 GIRDER     1004.7     998.5      0           .6          2.7                   160
            1260       1000.4     1260        998.5       1570       1004.6     161
            1570       1006.5                                                   162
ENDTABLE                                                                        163
SECTION     73                                                                  164
            -12        1000       0           976.6       60         977.2      165
            278        980.4      284         965.7       340        984.8      166
```

```
 ----------------------------------80/80 LIST OF INPUT DATA--------------------------------
                   350        980.1       415        978.2       504        1000          167
 ENDTABLE                                                                                 168
 -----------------MAX ELEV DIFFERENCE BETWEEN POINTS ON SECTION 73        EXCEEDS  20. FEET----------------
 SEGMENT          73          1           D          278                                  169
 NVALUE           .10                                                                     170
 SEGMENT          73          2           C          350                                  171
 NVALUE           .065                                                                    172
 SEGMENT          73          3           D          504                                  173
 NVALUE           .10                                                                     174
 SECTION          24                                                                      175
                  0           999.3       25         987.8       50         982           176
                  130         978.7       140        966.3       200        966.3         177
                  210         979.1       345        980.9       440        990.5         178
                  530         1000                                                        179
 ENDTABLE                                                                                 180
 SEGMENT          24          1           D          130                                  181
 NVALUE           .10                                                                     182
 SEGMENT          24          2           C          210                                  183
 NVALUE           .065                                                                    184
 SEGMENT          24          3           D          530                                  185
 NVALUE           .10                                                                     186
 SECTION          SR2000                                                                  187
                  0           1006.3      280        997.3       435        999.4         188
                  435         994.5       480        965.3       527        965.2         189
                  539         977.7       870        979.        615        991.8         190
                  615         993.7       890        1006.3                               191
 ENDTABLE                                                                                 192
 -----------------MAX ELEV DIFFERENCE BETWEEN POINTS ON SECTION SR2000    EXCEEDS  20. FEET-------------
 BRR              SR2000      6           3          4                                    193
 PIER             965.3       4           979        2                                    194
 GIRDER           994.6       991.8       0          .6          2.7                      195
                  435         999.4       435        994.5       615        991.8         196
                  615         996.7                                                       197
 ENDTABLE                                                                                 198
 SECTION          26                                                                      199
                  -10         1000        0          999.1       90         996.4         200
                  115         990.9       175        991.3       190        984.7         201
                  240         977.8       255        988.2       325        988.2         202
                  335         978.5       365        979.2       385        980.6         203
                  415         1000                                                        204
 ENDTABLE                                                                                 205
 SEGMENT          26          1           D          240                                  206
 NVALUE           .10                                                                     207
 SEGMENT          26          2           C          335                                  208
 NVALUE           .065                                                                    209
 SEGMENT          26          3           D          415                                  210
 NVALUE           .10                                                                     211
```

```
---------------------------------80/80 LIST OF INPUT DATA---------------------------------
SECTION    1                                                                          212
           0          1000        25          974.5       46          988.5          213
           111        983.6       172         981.6       398         979.5          214
           450        979         504         978.5       641         978.8          215
           726        979.2       880         979.4       [illegible] 989.4          216
           984        981.4       1002        981.1       1014        981.6          217
           1016       979.9       1022        973.6       1027        971            218
           1030       970.9       1036        971.2       1042        971.5          219
           1048       971.5       1057        978.6       1059        981.6          220
           1086       981         1150        980.5       1205        980            221
           1224       980.5       1231        984.6       1260        1000           222
ENDTABLE                                                                              223
SEGMENT    1          1           D           1016                                    224
NVALUE     .10                                                                        225
SEGMENT    1          2           C           1059                                    226
NVALUE     .065                                                                       227
SEGMENT    1          3           D           1260                                    228
NVALUE     .10                                                                        229
SECTION    27                                                                         230
           2200       1010        2225        1001.2      2365        984.5          231
           2865       985.1       2870        977.6       2915        976.6          232
           2930       985         2955        998.7       3000        1007           233
ENDTABLE                                                                              234
SEGMENT    27         1           D           2865                                    235
NVALUE     .09                                                                        236
SEGMENT    27         2           C           2930                                    237
NVALUE     .065                                                                       238
SEGMENT    27         3           D           3000                                    239
NVALUE     .09                                                                        240
COMPUTE    155        27          155                                                 610
---------------------------------END OF 80/80 LIST---------------------------------
```

STARTING DATA FROM GIVEN ELEVATION



RATING TABLE FOR SECTION 155 DA=2891.0

NO	ELEV	AREA	SEC	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSH	CRIT ELEV	FRICTION SLOPE
0	961.1	0.0	0.0						
BANK FULL	966.2	406.4	2586.6	.00	.00	.00			
*****WARNING-BANKFULL OR ZERO DAMAGE ELEV BELOW FIRST PROFILE. FLOW INTERPOLATED LINEARLY FROM CHANNEL BOTTOM*****									
ZERO DAMG	966.2	406.4	2586.6	.00	.00	.00			
*****WARNING-BANKFULL OR ZERO DAMAGE ELEV BELOW FIRST PROFILE. FLOW INTERPOLATED LINEARLY FROM CHANNEL BOTTOM*****									
1	966.8	482.3	2891.0	.00	.00	.00	1.00	965.3	.00669
2	974.5	2467.1	10692.7	.00	.00	.00	5.70	969.3	.00171
3	978.8	4032.7	19759.9	.00	.00	.00	9.45	970.7	.00106
4	980.6	4784.3	20381.6	.00	.00	.00	7.05	971.6	.00115
5	986.3	7457.1	34301.7	.00	.00	.00	11.87	974.0	.00107

SEGMENT TABLE FOR SECTION 155

CSH		TOTAL	SEG NO 1 (LOB)	SEG NO 2 (C)	SEG NO 3 (ROB)
1	DISCHARGE CFS	2891.	5.	2886.	0.
1.	VELOCITY FPS	1.00	.49	1.07	.00
2	DISCHARGE CFS	10692.	1718.	8727.	252.
4.	VELOCITY FPS	5.68	1.99	6.21	1.27
3	DISCHARGE CFS	19756.	3291.	11614.	851.
5.	VELOCITY FPS	5.30	2.16	6.04	1.43
4	DISCHARGE CFS	20382.	1505.	14512.	1365.
7.	VELOCITY FPS	5.85	2.47	6.77	1.66
5	DISCHARGE CFS	34302.	8354.	22249.	3699.
12.	VELOCITY FPS	6.56	2.85	7.06	2.06
1	ELEV 966.8 KD	35324.	33.	35290.	1.
2	ELEV 974.5 KD	258678.	41413.	211252.	6014.
3	ELEV 978.8 KD	483545.	100637.	356845.	25864.
4	ELEV 980.6 KD	597787.	132545.	427161.	40083.
5	ELEV 986.3 KD	1048782.	255356.	680637.	112789.

KD TABLE FOR CROSS SECTION 155

ELEVATION	AREA	KD	KD BY SEGMENT		
961.10	0.				
962.	19.	525.	1.	525.	1.
963.	83.	2445.	1.	2445.	1.
964.	172.	7537.	1.	7535.	1.
965.	272.	15050.	1.	15048.	1.
966.	382.	24975.	2.	24970.	1.
967.	512.	38278.	64.	38183.	1.
968.	673.	54837.	685.	54075.	1.
969.	868.	74820.	2321.	72450.	3.
970.	1105.	98708.	5260.	93294.	119.
971.	1380.	127157.	10356.	116145.	657.
972.	1672.	159934.	17474.	141000.	1376.
973.	1979.	196615.	26054.	167745.	2749.
974.	2302.	237073.	36093.	196261.	4730.
975.	2638.	281360.	47125.	226613.	7453.
976.	2988.	329459.	59624.	258678.	11000.
977.	3352.	381364.	73375.	292425.	15454.
978.	3731.	437082.	88330.	327812.	20892.
979.	4126.	496560.	104345.	364751.	27330.
980.	4535.	559906.	121556.	403264.	34905.
981.	4957.	627141.	139973.	443344.	43712.
982.	5392.	698102.	159457.	484926.	53751.
983.	5847.	772869.	179773.	527737.	64988.
984.	6316.	851556.	201295.	572424.	77658.
985.	6797.	934310.	224001.	618376.	91881.
986.	7300.	1021167.	247727.	665668.	107563.
987.	7814.	1112193.	272702.	714403.	124965.
988.	8344.	1207427.	298789.	764481.	144025.
989.	8893.	1306939.	326018.	815896.	164819.
990.	9450.	1411467.	354743.	868667.	187940.
991.	10020.	1527362.	387655.	922724.	212101.
992.	10590.	1646878.	420296.	978031.	247809.
993.	11160.	1767509.	453139.	1034373.	277055.
994.	11730.	1892840.	487413.	1092071.	308687.
995.	12300.	2022904.	523136.	1151114.	342819.

RATING TABLE FOR SECTION 165 DA=2891.0

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	CHANNEL	NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	962.3	0.0	0.0						
1	969.2	766.0	2891.0	.00	.00	.00	1.00	965.3	.00148
BANK FULL	971.2	1014.0	5066.4	.00	.00	.00			
ZERO DAMG	971.2	1014.0	5066.4	.00	.00	.00			
2	976.4	1986.1	10696.7	.00	.00	.00	3.70	969.1	.00149
3	980.3	2863.2	15755.9	.00	.00	.00	5.45	971.0	.00127
4	982.2	3338.9	20381.6	.00	.00	.00	7.05	973.2	.00144
5	987.8	4901.7	34301.7	.00	.00	.00	11.87	976.5	.00157

SEGMENT TABLE FOR SECTION 165

CSM		TOTAL	SEG NO 1 D	2 C	3 D
1	DISCHARGE CFS	2891.	0.	2891.	0.
1.	VELOCITY FPS	3.78	.00	3.77	.00
	DISCHARGE CFS	10697.	110.	10270.	317.
4.	VELOCITY FPS	6.05	1.14	6.16	1.43
3	DISCHARGE CFS	15756.	408.	14483.	865.
5.	VELOCITY FPS	6.49	1.60	6.74	1.84
4	DISCHARGE CFS	20382.	665.	18372.	1345.
7.	VELOCITY FPS	7.33	2.03	7.38	2.17
5	DISCHARGE CFS	34302.	1655.	29467.	3180.
10.	VELOCITY FPS	8.89	2.59	9.53	2.72
1	ELEV 965.2 KD	75260.	1.	75258.	1.
2	ELEV 976.4 KD	276523.	2744.	265673.	8084.
3	ELEV 980.3 KD	441251.	11357.	405750.	24144.
4	ELEV 982.2 KD	537864.	17488.	484982.	35393.
5	ELEV 987.8 KD	866201.	41769.	744171.	80262.

KD TABLE FOR CROSS SECTION 165

ELEVATION	AREA	KD	KD BY SEGMENT		
962.30	0.				
963.	50.	854.	1.	850.	1.
964.	162.	5050.	1.	5048.	1.
965.	275.	14459.	1.	14457.	1.
966.	390.	25533.	1.	25531.	1.
967.	506.	38930.	1.	38927.	1.
968.	625.	54453.	1.	54451.	1.
969.	745.	71951.	1.	71949.	1.
970.	865.	91319.	1.	91317.	1.
971.	989.	112619.	1.	112616.	2.
972.	1120.	135172.	1.	135022.	50.
973.	1252.	162765.	10.	161872.	741.
974.	1480.	192474.	171.	189901.	2218.
975.	1683.	225130.	856.	212800.	4208.
976.	1893.	260502.	3071.	251437.	6789.
977.	2109.	298490.	3698.	284757.	9924.
978.	2331.	339034.	5661.	319718.	13616.
979.	2557.	382091.	7956.	356269.	17845.
980.	2795.	427627.	10510.	394368.	22608.
981.	3030.	475628.	13469.	434021.	28018.
982.	3280.	526004.	16762.	475193.	34028.
983.	3534.	578063.	20941.	517819.	40163.
984.	3798.	632602.	25174.	561702.	46941.
985.	4071.	689653.	29713.	607425.	54441.
986.	4355.	749401.	32216.	654350.	62756.
987.	4650.	811900.	37200.	702657.	71914.
988.	4952.	877038.	42269.	753351.	81958.
989.	5269.	945107.	48709.	803366.	92909.
990.	5602.	1017265.	55669.	855727.	105668.
991.	5921.	1093271.	63741.	909413.	120059.
992.	6251.	1172172.	71376.	964233.	134948.
993.	6581.	1253122.	79473.	1020355.	150253.
994.	6911.	1336840.	88185.	1077784.	166719.
995.	7241.	1423288.	97536.	1136612.	184392.

RATING TABLE FOR SECTION 145 DA=2891.0

NO	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSM	STARTING ELEV	FRICTION SLOPE
0	958.7	0.0	0.0						
1	969.9	1344.3	2891.0	.00	.00	.00	1.00	961.7	.00027
BANK FULL	972.0	1639.5	5018.1	.00	.00	.00			
ZERO DAMG	972.0	1639.5	5018.1	.00	.00	.00			
2	977.2	4101.5	10696.7	.00	.00	.00	3.70	965.4	.00045
3	981.4	7379.5	15755.9	.00	.00	.00	5.45	967.3	.00034
4	983.6	9260.1	20381.6	.00	.00	.00	7.05	968.8	.00034
5	989.5	14795.5	34301.7	.00	.00	.00	11.87	972.7	.00030

SEGMENT TABLE FOR SECTION 145

CSM		TOTAL	SEG NO 1 D	SEG NO 2 C	SEG NO 3 D
1	DISCHARGE CFS	2891.	0.	2891.	0.
	1. VELOCITY FPS	2.15	.00	2.15	.00
2	DISCHARGE CFS	10697.	931.	9750.	16.
	4. VELOCITY FPS	3.81	.58	3.97	.58
3	DISCHARGE CFS	15756.	3069.	11835.	52.
	5. VELOCITY FPS	3.46	.90	3.94	.70
4	DISCHARGE CFS	20382.	6375.	13918.	89.
	7. VELOCITY FPS	3.54	1.09	4.21	.80
5	DISCHARGE CFS	34302.	14741.	19122.	239.
	12. VELOCITY FPS	3.56	1.44	4.59	.93
1	ELEV 969.9 KD	177178.	1.	177176.	1.
2	ELEV 977.2 KD	499899.	38935.	460206.	709.
3	ELEV 981.4 KD	853052.	207523.	642753.	2776.
4	ELEV 983.6 KD	1103313.	342728.	755827.	4758.
5	ELEV 989.5 KD	1989247.	865840.	1109552.	13847.

KD TABLE FOR CROSS SECTION 145

ELEVATION	AREA	KD	KD BY SEGMENT		
958.70	0.				
959.	11.	86.	1.	83.	1.
960.	117.	3537.	1.	3535.	1.
961.	231.	10810.	1.	10808.	1.
962.	347.	20959.	1.	20957.	1.
963.	465.	33646.	1.	33644.	1.
964.	586.	48623.	1.	48621.	1.
965.	710.	65768.	1.	65766.	1.
966.	835.	84953.	1.	84952.	1.
967.	963.	106097.	1.	106095.	1.
968.	1094.	129141.	1.	129139.	1.
969.	1227.	154031.	1.	154029.	1.
970.	1362.	180726.	1.	180724.	1.
971.	1500.	209196.	1.	209190.	1.
972.	1640.	239542.	1.	239537.	1.
973.	1782.	273023.	1.	273014.	8.
974.	1928.	308431.	1.	308380.	40.
975.	2140.	346508.	42.	346057.	125.
976.	2679.	394125.	210.	386523.	274.
977.	3517.	453950.	22888.	429708.	509.
978.	4371.	527814.	49534.	474617.	823.
979.	5234.	611319.	86286.	523302.	1242.
980.	6105.	704253.	131517.	587781.	1782.
981.	6984.	806333.	183401.	619958.	2446.
982.	7876.	916478.	239726.	671740.	3228.
983.	8773.	1035176.	304967.	725253.	4134.
984.	9680.	1161827.	375155.	780384.	5288.
985.	10598.	1295505.	450889.	837059.	6515.
986.	11521.	1437627.	534082.	895399.	7946.
987.	12458.	1586577.	621127.	955221.	9463.
988.	13400.	1743777.	713313.	1016614.	11111.
989.	14349.	1909193.	816230.	1079542.	12877.
990.	15305.	2082236.	922351.	1143939.	15174.
991.	16264.	2263904.	1035887.	1209884.	17950.
992.	17224.	2444288.	1143155.	1276332.	20468.
993.	18184.	2631796.	1256013.	1345336.	23167.
994.	19144.	2827668.	1376241.	1415352.	26130.
995.	20104.	3032032.	1504132.	1486905.	29373.

RATING TABLE FOR SECTION 23 A DA=2000.0

NO.	ELEV	AREA	CFS	ACRES FLOODED: DAMAGE	CHANNEL	NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	964.0	0.0	0.0						
1	973.1	535.6	2000.0	.00	.95	.00	1.00	967.6	.00197
ZERO DAMG	977.2	836.2	4729.6	.00	1.06	.00			
BANK FULL	977.6	909.1	5192.5	1.67	1.08	.00			
2	981.2	1568.8	7400.0 10	2.83	1.10	.00	3.70	972.3	.00232
3	984.4	2510.2	10900.0 50	3.15	1.10	.00	5.45	974.6	.00197
4	986.4	3181.1	14100.0 100	3.35	1.10	.00	7.05	976.4	.00194
5	991.9	5041.7	23730.0 500	3.90	1.10	.00	11.87	981.7	.00169

SEGMENT TABLE FOR SECTION 23 A

CSM		TOTAL	Sub No 1 D	2 C	3 D
1	DISCHARGE CFS	2000.	0.	2000.	0.
1.	VELOCITY FPS	3.74	.00	3.73	.00
2	DISCHARGE CFS	7400.	232.	6882.	286.
4.	VELOCITY FPS	5.77	1.11	5.85	1.07
3	DISCHARGE CFS	10900.	241.	9329.	1429.
5.	VELOCITY FPS	5.71	2.12	5.26	1.81
4	DISCHARGE CFS	14100.	949.	10528.	2623.
7.	VELOCITY FPS	5.90	2.45	4.69	2.21
5	DISCHARGE CFS	23730.	2098.	14929.	6803.
12.	VELOCITY FPS	6.11	2.98	7.37	2.93
1	ELEV 973.1 KD	45042.	1.	45045.	1.
2	ELEV 981.2 KD	152877.	4667.	143218.	4991.
3	ELEV 984.4 KD	245307.	13646.	199324.	32337.
4	ELEV 986.4 KD	320198.	21544.	239140.	59514.
5	ELEV 991.9 KD	576520.	60894.	360783.	164843.

KD TABLE FOR CROSS SECTION 23

ELEVATION	AREA	KD	KD BY SEGMENT		
964.00	0.				
965.	48.	1046.	1.	1044.	1.
966.	101.	2465.	1.	2463.	1.
967.	157.	6900.	1.	6898.	1.
968.	214.	11225.	1.	11223.	1.
969.	273.	16368.	1.	16366.	1.
970.	334.	22283.	1.	22281.	1.
971.	398.	28938.	1.	28936.	1.
972.	463.	36313.	1.	36311.	1.
973.	530.	44397.	1.	44395.	1.
974.	600.	53180.	1.	53178.	1.
975.	671.	62657.	1.	62655.	1.
976.	745.	72826.	1.	72824.	1.
977.	821.	83692.	1.	83690.	1.
978.	920.	95843.	50.	95592.	1.
979.	1039.	109056.	862.	108778.	8.
980.	1226.	126902.	2310.	123426.	233.
981.	1501.	148061.	4209.	139381.	4025.
982.	1789.	173102.	6493.	156111.	9901.
983.	2084.	201283.	9167.	173565.	17853.
984.	2386.	232422.	12299.	191779.	27943.
985.	2694.	266504.	15854.	210732.	39918.
986.	3012.	303256.	19999.	230534.	52911.
987.	3337.	342728.	23932.	250648.	67777.
988.	3666.	385055.	28660.	271689.	84707.
989.	4006.	429808.	34683.	293330.	102483.
990.	4352.	477357.	39186.	315674.	122300.
991.	4704.	527518.	45072.	338671.	143652.
992.	5065.	580126.	51297.	362284.	166317.
993.	5430.	635488.	57928.	386562.	190856.
994.	5806.	693236.	64702.	411431.	216601.
995.	6186.	753717.	72439.	436945.	244189.
996.	6574.	816720.	80276.	463059.	273235.
997.	6970.	882269.	88513.	489773.	303839.
998.	7371.	950563.	97191.	517102.	336193.
999.	7782.	1021253.	106228.	544989.	369870.
1000.	8196.	1094813.	115761.	573504.	405549.
1001.	8616.	1170551.	126312.	602537.	446414.
1002.	9036.	1249851.	137504.	632205.	490140.
1003.	9456.	1332135.	147816.	662225.	530983.
1004.	9876.	1427507.	158612.	692854.	574066.
1005.	10296.	1515996.	169899.	724092.	619451.
1006.	10716.	1607640.	181688.	755933.	667199.

RATING TABLE FOR SECTION 71 DA=2000.0

NO	ELEV	AREA	CFS	DAMAGE	CHANNEL	NON-DAM	STARTING CSM		BRIT ELEV	FRICTION SLOPE
0	963.8	0.0	0.0							
BANK FULL	973.0	464.7	1749.8	.00	1.34	.00				
******WARNING-BANKFULL OR ZERO DAMAGE ELEV BELOW FIRST PROFILE. FLOW INTERPOLATED LINEARLY FROM CHANNEL BOTTOM******										
ZERO DAMG	973.0	464.7	1749.8	.00	1.34	.00				
******WARNING-BANKFULL OR ZERO DAMAGE ELEV BELOW FIRST PROFILE. FLOW INTERPOLATED LINEARLY FROM CHANNEL BOTTOM******										
1	974.3	552.1	2000.0	.00	1.37	.00	1.00		968.3	.00170
2	982.7	1447.5	7400.0	1.36	1.48	.00	3.70		973.2	.00208
3	985.8	1935.1	10900.0	1.63	1.48	.00	5.45		975.7	.00223
4	987.9	2268.1	14100.0	1.81	1.48	.00	7.05		977.5	.00246
5	993.3	3300.4	23730.0	2.30	1.48	.00	11.87		982.2	.00276

SEGMENT TABLE FOR SECTION 71

CSM		TOTAL	SEC NO 1	SEC NO 2	SEC NO 3
1	DISCHARGE CFS	2000.	2.	1998.	0.
1.	VELOCITY FPS	3.64	.61	3.64	.00
2	DISCHARGE CFS	7400.	268.	6851.	281.
4.	VELOCITY FPS	5.89	1.89	5.09	1.56
3	DISCHARGE CFS	10900.	577.	9522.	802.
5.	VELOCITY FPS	6.69	2.34	7.10	2.30
4	DISCHARGE CFS	14100.	901.	11875.	1323.
7.	VELOCITY FPS	7.42	2.72	7.99	2.82
5	DISCHARGE CFS	23730.	2169.	18359.	3202.
12.	VELOCITY FPS	8.86	3.51	9.85	3.91
1 ELEV	974.3 KD	46556.	23.	46531.	1.
2 ELEV	982.7 KD	162171.	5810.	150466.	5895.
3 ELEV	985.8 KD	230611.	12158.	201624.	16828.
4 ELEV	987.9 KD	284367.	18155.	239566.	26646.
5 ELEV	993.3 KD	451250.	41121.	349410.	60719.

KD TABLE FOR CROSS SECTION 71

ELEVATION	AREA	KD	KD BY SEGMENT		
963.80	0.				
964.	1.	5.	1.	3.	1.
965.	26.	415.	1.	413.	1.
966.	73.	2134.	1.	2132.	1.
967.	122.	4881.	1.	4879.	1.
968.	173.	8482.	1.	8480.	1.
969.	227.	12836.	1.	12834.	1.
970.	283.	17931.	1.	17929.	1.
971.	341.	23727.	1.	23725.	1.
972.	402.	30201.	1.	30199.	1.
973.	465.	37457.	2.	37454.	1.
974.	530.	45765.	12.	45752.	1.
975.	600.	54923.	83.	54831.	1.
976.	674.	64635.	240.	64393.	1.
977.	751.	75513.	545.	74966.	1.
978.	833.	86971.	980.	85973.	1.
979.	930.	99319.	1594.	97602.	29.
980.	1053.	113628.	2469.	110440.	471.
981.	1193.	130062.	5444.	124444.	1954.
982.	1337.	148190.	4735.	139282.	4173.
983.	1488.	167031.	6255.	154715.	6676.
984.	1643.	188085.	6066.	170821.	9633.
985.	1801.	211363.	10170.	187970.	13522.
986.	1965.	235240.	12616.	204938.	17614.
987.	2134.	260494.	15359.	222687.	22091.
988.	2306.	287170.	18482.	241477.	27133.
989.	2484.	315215.	21946.	260628.	32538.
990.	2666.	344661.	25797.	280361.	38369.
991.	2852.	375533.	30074.	300700.	44762.
992.	3045.	407852.	34802.	321651.	51396.
993.	3241.	441203.	39976.	342797.	58555.
994.	3442.	476170.	44991.	364969.	66120.
995.	3650.	512588.	50892.	387491.	74100.
996.	3860.	550480.	57612.	410567.	82552.
997.	4077.	589858.	64238.	434145.	91361.
998.	4299.	630746.	71734.	458280.	100724.
999.	4528.	673148.	79747.	482879.	110387.
1000.	4756.	717474.	88610.	508064.	120729.
1001.	4993.	764293.	99126.	533704.	131965.
1002.	5228.	813207.	110161.	559854.	143600.
1003.	5463.	863390.	120484.	586350.	154617.
1004.	5698.	915538.	131456.	613384.	166169.
1005.	5933.	969264.	143110.	640755.	178270.

TABLE OF VALUES FOR BPR EQUATION

COEFK	AKB	DGTAK	SIGMA	DKE	DKS	M	ALPHA	ALPHA2	BRIDA	APPAR	AEXIT
.0583	.0000	.0583	.9979	.0000	.0000	.9999	1.0000	1.0000	873.7537	741.4280	679.2405
DCRIT	966.74	KBCRIT=									
.7080	.6224	.0856	.8809	.0000	.0000	.6961	1.3087	1.2149	2782.4619	3644.7878	1744.3931
DCRIT	971.35	KBCRIT=									
.8239	.7786	.0873	.8445	.0000	.0000	.6453	1.1941	1.1252	3581.1545	5068.1289	2270.5811
DCRIT	973.31	KBCRIT=									
.9448	.8577	.0871	.8258	.0000	.0000	.6212	1.1507	1.0936	4148.9727	6110.1445	2653.6929
DCRIT	975.69	KBCRIT=									
1.1276	1.0441	.0836	.7812	.0000	.0000	.5878	1.0949	1.0139	5071.1875	8956.9742	3744.9949
DCRIT	978.03	KBCRIT=									

ROAD SECTION RR

NO.	HW	CFS	HL	TW	CSN
0	962.30	0.00	0.00	0.00	0.00
1	974.45	2000.00	.00	974.57	1.00
2	983.87	7400.00	.54	983.15	3.70
3	987.02	10900.00	.72	986.30	5.45
4	989.36	14100.00	.92	988.44	7.05
5	995.34	23730.66	1.30	993.95	11.87

MIN ROAD ELEVATION = 1000.40

BRIDGE TYPE 2 GIRDER BOTTOM ELEVATION = 990.50 OPENING NO. = 1

RATING TABLE FOR SECTION 73 DA=2000.0

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	CHANNEL	NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	964.6	0.0	0.0						
1	974.9	594.5	2000.0	.00	.27	.00	1.00	968.5	.00144
ZERO DAMG	977.2	759.6	3421.6	.00	.28	.00			
BANK FULL	980.1	1331.6	5179.0	.26	.30	.00			
2	983.8	2734.7	7400.0	.43	.30	.00	3.70	973.1	.00088
3	987.1	4093.5	10900.0	.48	.30	.00	5.45	975.3	.00064
4	989.4	5100.4	14100.0	.51	.30	.00	7.05	979.8	.00052
5	995.4	7840.2	23730.0	.59	.30	.00	11.87	981.8	.00046

SEGMENT TABLE FOR SECTION 73

CSM		TOTAL	SEG NO 1 LOB	2 CHAN	3 ROB
1.	DISCHARGE CFS	2000.	0.	2000.	0.
	1. VELOCITY FPS	3.37	.00	3.36	.00
2	DISCHARGE CFS	7400.	2108.	4687.	602.
	4. VELOCITY FPS	3.27	1.83	3.34	1.65
4	DISCHARGE CFS	10900.	4209.	5390.	1302.
	5. VELOCITY FPS	3.00	2.15	3.69	1.92
4	DISCHARGE CFS	14100.	6050.	6101.	1949.
	7. VELOCITY FPS	3.03	2.39	3.75	2.11
5	DISCHARGE CFS	23730.	11974.	6811.	4046.
	12. VELOCITY FPS	3.19	2.81	3.94	2.44
1	ELEV 974.9 KD	52617.	1.	52614.	1.
2	ELEV 983.8 KD	248178.	69040.	159482.	19857.
3	ELEV 987.1 KD	431302.	166440.	213496.	51446.
4	ELEV 989.4 KD	589853.	252555.	256044.	81254.
5	ELEV 995.4 KD	1105892.	539254.	378205.	188434.

KD TABLE FOR CROSS SECTION 73

ELEVATION	AREA	KD	KD BY SEGMENT		
964.60	0.				
965.	4.	35.	35.	1.	
966.	48.	931.	727.	1.	
967.	106.	3523.	3520.	1.	
968.	164.	7154.	7151.	1.	
969.	224.	11713.	11710.	1.	
970.	285.	17073.	17067.	1.	
971.	347.	23171.	23168.	1.	
972.	409.	29933.	29930.	1.	
973.	473.	37329.	37326.	1.	
974.	538.	45327.	45324.	1.	
975.	604.	53902.	53900.	1.	
976.	671.	63027.	63024.	1.	
977.	744.	72722.	72682.	1.	
978.	840.	83341.	82861.	3.	
979.	1006.	96610.	93548.	143.	
980.	1302.	114032.	104803.	1138.	
981.	1662.	140806.	117845.	3966.	
982.	2043.	174750.	137737.	9540.	
983.	2432.	214626.	146749.	14641.	
984.	2828.	260252.	168168.	21750.	
985.	3232.	310538.	178186.	30012.	
986.	3642.	365960.	194830.	39638.	
987.	4058.	426405.	212054.	50553.	
988.	4485.	490618.	229825.	62245.	
989.	4917.	560034.	244195.	75458.	
990.	5355.	633953.	267196.	89962.	
991.	5803.	711878.	286591.	105330.	
992.	6255.	794783.	306625.	122260.	
993.	6717.	881569.	327177.	140256.	
994.	7185.	972983.	348360.	159544.	
995.	7659.	1068615.	369884.	180264.	
996.	8143.	1168131.	392001.	202094.	
997.	8629.	1272755.	414665.	225545.	
998.	9129.	1380193.	437722.	249983.	
999.	9632.	1493262.	455417.	461452.	276315.
1000.	10145.	1612492.	821805.	485585.	304920.
1001.	10659.	1735618.	890152.	510168.	334702.
1002.	11175.	1861398.	959256.	535142.	365072.
1003.	11691.	1992606.	1031683.	560637.	397284.
1004.	12207.	2129332.	1107505.	586640.	431401.

RATING TABLE FOR SECTION 24 DA=2000.0

NO	ELEV	AREA	CFS	ACRES FLOODED: DAMAGE	CHANNEL	NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	966.3	0.0	0.0						
1	976.0	657.3	2000.0	.00	1.80	.00	1.00	969.5	.00115
BANK FULL	978.7	870.6	5670.8	.00	1.89	.00			
ZERO DAMD	978.7	870.6	5670.5	.00	1.89	.00			
2	984.2	2422.1	7400.0	5.68	1.91	.00	3.70	973.8	.00107
3	987.9	3591.8	10900.0	6.66	1.91	.00	5.45	975.9	.00096
4	990.2	4514.2	14100.0	7.28	1.91	.00	7.05	977.7	.00092
5	996.0	7157.9	23730.0	8.79	1.91	.00	11.87	982.7	.00081

SEGMENT TABLE FOR SECTION 24

CSM		TOTAL	SEG NO 1 D	2 C	3 D
1	DISCHARGE CFS	2000.	0.	2000.	0.
1.	VELOCITY FPS	3.05	.00	3.04	.00
2	DISCHARGE CFS	7400.	466.	6009.	925.
4.	VELOCITY FPS	4.07	1.28	4.46	1.30
3	DISCHARGE CFS	10900.	1135.	7594.	2173.
5.	VELOCITY FPS	4.07	1.67	4.74	1.66
4	DISCHARGE CFS	14100.	1789.	8932.	3378.
7.	VELOCITY FPS	4.15	1.23	5.00	1.87
5	DISCHARGE CFS	23730.	3895.	12351.	7484.
12.	VELOCITY FPS	4.28	2.42	5.46	2.27
1	ELEV 976.0 KD	58880.	1.	58878.	1.
2	ELEV 984.2 KD	226317.	14074.	134236.	27985.
3	ELEV 987.9 KD	351933.	36303.	245892.	69738.
4	ELEV 990.2 KD	464706.	58891	294606.	111208.
5	ELEV 996.0 KD	833006.	136531	434291	262184.

KD TABLE FOR CROSS SECTION 24

ELEVATION	AREA	KD	KD BY SEGMENT		
966.30	0.				
967.	42.	756.	1.	754.	1.
968.	104.	3277.	1.	3275.	1.
969.	168.	7085.	1.	7083.	1.
970.	233.	11933.	1.	11931.	1.
971.	300.	17726.	1.	17721.	1.
972.	368.	24381.	1.	24377.	1.
973.	438.	31654.	1.	31652.	1.
974.	509.	40104.	1.	40102.	1.
975.	582.	49101.	1.	49099.	1.
976.	657.	58821.	1.	58819.	1.
977.	733.	69248.	1.	69246.	1.
978.	811.	80368.	1.	80366.	1.
979.	898.	92800.	12.	92745.	8.
980.	1038.	107400.	155.	106952.	154.
981.	1255.	125153.	1039.	121612.	1911.
982.	1539.	146977.	2850.	137460.	6457.
983.	1852.	173273.	6104.	154063.	12831.
984.	2181.	203218.	10274.	171329.	20722.
985.	2523.	236515.	15620.	189487.	30882.
986.	2876.	273251.	21975.	208306.	42854.
987.	3247.	313348.	29018.	227808.	56194.
988.	3630.	356978.	37176.	248005.	71382.
989.	4026.	404159.	46518.	268893.	88496.
990.	4437.	454810.	56767.	290446.	107321.
991.	4859.	508858.	67835.	312663.	128009.
992.	5289.	566488.	79760.	335531.	150928.
993.	5735.	627299.	92638.	359023.	175367.
994.	6191.	691620.	106281.	383160.	201952.
995.	6656.	759452.	120820.	407932.	230634.
996.	7139.	830472.	135723.	433293.	260957.
997.	7626.	905276.	152138.	459296.	293788.
998.	8132.	983283.	168877.	485871.	328279.
999.	8644.	1065807.	186654.	513062.	365734.
1000.	9169.	1153782.	206120.	540831.	406593.
1001.	9697.	1245211.	225454.	569126.	449498.
1002.	10227.	1340010.	244618.	597934.	494300.
1003.	10757.	1439107.	264613.	627344.	542142.
1004.	11287.	1542571.	286065.	657352.	593142.

TABLE OF VALUES FOR BPR EQUATION

COEFK	AKB	DGTAK	SIGMA	DKE	DKS	M	ALPHA	ALPHA2	BRIDA	APPAR	AEXIT
.2968	.0896	.2072	.9886	.0000	.0000	.9317	1.0000	1.0000	615.9917	890.8352	750.9460
DCRIT	969.15	KBCRIT=									
.2261	.0589	.1672	.9929	.0000	.0000	.9522	1.2781	1.2648	1551.1697	2169.5300	2865.5928
DCRIT	974.13	KBCRIT=									
.2263	.0716	.1547	.9912	.0000	.0000	.9435	1.3396	1.3204	2003.7180	2773.9646	4085.3135
DCRIT	976.47	KBCRIT=									
.2208	.0744	.1464	.9908	.0000	.0000	.9417	1.4492	1.4230	2361.8933	3296.8975	5041.8945
DCRIT	979.21	KBCRIT=									
.0000	.0000	.0000	.0000	.0000	.0000	.0000	1.4492	1.4230	2845.9023	3296.8975	5041.8945
DCRIT	-1.00	KBCRIT=									

ROAD SECTION SR2000

NO.	HW	CFS	HL	TW	CSM
0	965.20	0.00	0.00	0.00	0.00
1	976.23	2600.00	.10	976.13	1.00
2	984.97	7400.00	.10	984.87	3.70
3	988.10	10900.00	.06	988.04	5.45
4	990.33	14100.00	.00	990.33	7.05
5	998.81	27730.00	2.68	996.16	11.37

MIN ROAD ELEVATION = 996.70

BRIDGE TYPE 2 GIRDER BOTTOM ELEVATION = 991.80 OPENING NO.= 1

RATING TABLE FOR SECTION 26 DA=2000.0

NO.	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTING CSH	STARTING ELEV	FRICTION SLOPE
0	966.2	0.0	0.0						
1	976.3	803.7	2000.0	.00	.21	.00	1.00	969.1	.00072
BANK FULL	978.5	1010.2	3367.4	.00	.21	.00			
ZERO DAMG	978.5	1010.2	3367.4	.00	.21	.00			
2	985.0	1986.3	7400.0	.13	.22	.00	3.70	973.0	.00092
3	988.2	2596.9	10900.0	.15	.22	.00	5.45	974.9	.00103
4	990.4	3067.2	14100.0	.19	.22	.00	7.05	976.6	.00114
5	996.9	5678.3	23730.0	.52	.22	.00	11.87	981.3	.00087

SEGMENT TABLE FOR SECTION 26

CSH		TOTAL	SEG NO 1 D	SEG NO 2 C	SEG NO 3 D
	DISCHARGE CFS	2000.	0.	2000.	0.
1.	VELOCITY FPS	2.49	.00	2.49	.00
2	DISCHARGE CFS	7400.	134.	6955.	311.
3.	VELOCITY FPS	4.17	.96	4.28	1.40
3	DISCHARGE CFS	10900.	471.	9950.	479.
5.	VELOCITY FPS	4.84	1.52	5.07	1.86
4	DISCHARGE CFS	14100.	815.	12234.	1051.
7.	VELOCITY FPS	5.30	1.84	5.75	2.16
5	DISCHARGE CFS	23730.	2961.	18149.	2620.
12.	VELOCITY FPS	5.56	1.74	6.17	2.52
A	ELEV 976.3 KD	74755.	1.	74753.	1.
B	ELEV 985.0 KD	243515.	4141.	229263.	10111.
C	ELEV 988.2 KD	338955.	14452.	303469.	21034.
D	ELEV 990.4 KD	416731.	24102.	361634.	30996.
E	ELEV 996.9 KD	805253.	59587.	616393.	88873.

KD TABLE FOR CROSS SECTION 26

ELEVATION	AREA	KD	KD BY SEGMENT		
966.20	0.				
967.	57.	1102.	1.	1100.	1.
968.	129.	4942.	1.	1240.	1.
969.	204.	8840.	1.	8838.	1.
970.	280.	14682.	1.	14680.	1.
971.	358.	21649.	1.	21647.	1.
972.	438.	29551.	1.	29549.	1.
973.	520.	38660.	1.	38658.	1.
974.	604.	48605.	1.	48602.	1.
975.	690.	59461.	1.	59462.	1.
976.	778.	71214.	1.	71212.	1.
977.	868.	83837.	1.	83834.	1.
978.	960.	97316.	1.	97314.	1.
979.	1064.	112270.	1.	112268.	33.
980.	1185.	129273.	6.	129611.	460.
981.	1320.	148399.	64.	146579.	1600.
982.	1466.	169392.	393.	165748.	3157.
983.	1625.	192076.	1110.	188661.	5114.
984.	1799.	216823.	2334.	208821.	7351.
985.	1982.	243106.	4085.	228707.	10040.
986.	2171.	271538.	6803.	251462.	13164.
987.	2366.	301652.	10047.	275096.	16585.
988.	2565.	333920.	13796.	299549.	20370.
989.	2769.	367677.	18129.	324825.	24572.
990.	2977.	403083.	22988.	350927.	29072.
991.	3213.	436052.	24181.	377808.	33961.
992.	3454.	470912.	25850.	405567.	39330.
993.	3753.	514527.	35030.	433961.	45107.
994.	4048.	560559.	45602.	463137.	51352.
995.	4346.	609006.	57708.	493194.	58105.
996.	4661.	658049.	68549.	523701.	65264.
997.	4984.	708527.	80098.	555390.	72988.
998.	5346.	758130.	89260.	587580.	81170.
999.	5730.	813195.	102251.	620512.	90011.
1000.	6146.	876979.	122106.	654152.	99570.
1001.	6567.	943958.	143016.	688397.	109389.
1002.	6992.	1015964.	165206.	723280.	119548.
1003.	7417.	1091251.	190063.	758896.	130331.
1004.	7842.	1169874.	217885.	795242.	141758.

RATING TABLE FOR SECTION 1 DA=2000.0

NO.	ELEV	AREA	CFS	DAMAGE	AGRES FLOODED CHANNEL	AGRES FLOODED NON-DAM	STARTING CSM	CRIT ELEV	FRICTION SLOPE
0	970.9	0.0	0.0						
ZERO DAMG	978.5	247.9	1559.2	.00	1.74	.00			
******WARNING--BANKFULL OR ZERO DAMAGE ELEV BELOW FIRST PROFILE. FLOW INTERPOLATED LINEARLY FROM CHANNEL BOTTOM******									
BANK FULL	979.9	730.4	1846.4	29.41	1.85	.00			
******WARNING--BANKFULL OR ZERO DAMAGE ELEV BELOW FIRST PROFILE. FLOW INTERPOLATED LINEARLY FROM CHANNEL BOTTOM******									
1	980.6	1294.3	2000.0	31.86	1.87	.00	1.00	976.9	.00224
2	986.0	7058.3	7400.0	45.80	1.90	.00	3.70	980.3	.00037
3	989.0	10540.7	10900.0	47.44	1.90	.00	5.45	980.9	.00023
4	991.2	13237.2	14100.0	47.99	1.90	.00	7.05	981.2	.00019
5	999.5	23445.9	23730.0	50.04	1.90	.00	11.87	982.0	.00008

SEGMENT TABLE FOR SECTION 1

CSM		TOTAL	SEG NO 1 (A)	SEG NO 2 (C)	SEG NO 3 (D)
1	DISCHARGE CFS	2000.	831.	1144.	25.
1.	VELOCITY FPS	2.92	1.90	3.64	.47
2	DISCHARGE CFS	7400.	5414.	1161.	825.
4.	VELOCITY FPS	1.23	.97	2.14	.89
3	DISCHARGE CFS	10900.	8253.	1304.	1343.
5.	VELOCITY FPS	1.14	.98	1.94	.93
4	DISCHARGE CFS	14100.	10839.	1465.	1795.
7.	VELOCITY FPS	1.14	1.02	1.91	.97
5	DISCHARGE CFS	23730.	18657.	1871.	3203.
12.	VELOCITY FPS	1.05	.99	1.66	.93
1 ELEV	980.6 KD	40931.	16069.	24715.	147.
2 ELEV	986.0 KD	384091.	280752.	60706.	42633.
3 ELEV	989.0 KD	719656.	544814.	86233.	88612.
4 ELEV	991.2 KD	1035417.	795773.	107882.	131762.
5 ELEV	999.5 KD	2584671.	2032036.	203836.	348799.

KD TABLE FOR CROSS SECTION 1

ELEVATION	AREA	KD	KD BY SEGMENT		
970.90	0.				
971.	0.	4.	1.	3.	1.
972.	17.	302.	1.	300.	1.
973.	42.	1267.	1.	1265.	1.
974.	70.	2760.	1.	2758.	1.
975.	101.	4748.	1.	4746.	1.
976.	134.	7163.	1.	7161.	1.
977.	169.	10058.	1.	10056.	1.
978.	206.	13373.	1.	13371.	1.
979.	330.	17855.	342.	17163.	1.
980.	806.	28690.	4547.	21468.	2.
981.	1584.	51698.	23958.	26571.	861.
982.	2591.	89607.	52500.	32260.	4638.
983.	3674.	144787.	94691.	38712.	11243.
984.	4788.	213002.	147262.	45623.	19929.
985.	5920.	293210.	209562.	52979.	30414.
986.	7068.	385108.	281389.	60773.	42743.
987.	8230.	487883.	361991.	68993.	56762.
988.	9407.	601230.	451172.	77635.	72340.
989.	10596.	725896.	549719.	86665.	89471.
990.	11795.	860414.	656448.	96079.	107783.
991.	12998.	1005719.	772075.	105881.	127677.
992.	14205.	1160948.	897793.	116090.	149050.
993.	15420.	1323679.	1025472.	126644.	171518.
994.	16640.	1494945.	1162037.	137560.	195282.
995.	17863.	1676329.	1306863.	148857.	220596.
996.	19093.	1868553.	1458169.	160482.	246856.
997.	20333.	2069924.	1617911.	172467.	274511.
998.	21576.	2280968.	1776674.	184802.	303484.
999.	22828.	2476476.	1941566.	197456.	333430.
1000.	24083.	2693426.	2122702.	210459.	365041.
1001.	25343.	2931182.	2308892.	223782.	398472.
1002.	26602.	3167696.	2497742.	237386.	432252.
1003.	27862.	3406737.	2689028.	251256.	466134.
1004.	29122.	3655643.	2888134.	265474.	501508.
1005.	30382.	3914511.	3095503.	280036.	538393.

RATING TABLE FOR SECTION 27 DA=2000.0

NO	ELEV	AREA	CFS	ACRES FLOODED DAMAGE	ACRES FLOODED CHANNEL	ACRES FLOODED NON-DAM	STARTENG CSN	STARTENG ELEV	FRICTION SLOPE
0	976.6	0.0	0.0						
ZERO DAMG	984.5	410.9	1768.6	.00	3.69	.00			
*****WARNING-BANKFULL OR ZERO DAMAGE ELEV BELOW FIRST PROFILE, FLOW INTERPOLATED LINEARLY FROM CHANNEL BOTTOM*****									
BANK FULL	985.0	604.0	1880.5	21.80	3.72	.00			
*****WARNING-BANKFULL OR ZERO DAMAGE ELEV BELOW FIRST PROFILE, FLOW INTERPOLATED LINEARLY FROM CHANNEL BOTTOM*****									
1	985.5	852.7	2000.0	26.38	3.76	.00	1.00	980.8	.00209
2	989.6	3239.8	7400.0	30.16	3.76	.00	3.70	985.8	.00143
3	991.7	4567.8	10900.0	31.35	3.76	.00	5.45	986.8	.00114
4	993.5	5741.9	14100.0	32.38	3.76	.00	7.05	986.7	.00096
5	1000.5	10611.7	23730.0	36.59	3.76	.00	11.87	987.8	.00043

SEGMENT TABLE FOR SECTION 27

CSN		TOTAL	SEG NO 1	SEG NO 2	SEG NO 3
			1)	2)	3)
1	DISCHARGE CFS	2000.	250.	1750.	0.
1.	VELOCITY FPS	3.47	.66	3.69	.00
2	DISCHARGE CFS	7400.	4383.	2988.	28.
4.	VELOCITY FPS	2.95	1.76	4.08	1.02
3	DISCHARGE CFS	10900.	7282.	3570.	48.
5.	VELOCITY FPS	2.87	1.89	4.09	1.17
4	DISCHARGE CFS	14100.	9951.	4065.	83.
7.	VELOCITY FPS	2.84	2.12	4.10	1.26
5	DISCHARGE CFS	23730.	18330.	5120.	264.
12.	VELOCITY FPS	2.45	2.05	3.54	1.10
1	ELEV 985.5	KD 42290.	3932.	38356.	2.
2	ELEV 989.6	KD 195433.	115240.	79691.	502.
3	ELEV 991.7	KD 322458.	214959.	106098.	1398.
4	ELEV 993.5	KD 454367.	320579.	131416.	2672.
5	ELEV 1000.5	KD 1141493.	882045.	246754.	12693.

KD TABLE FOR CROSS SECTION 27

ELEVATION	AREA	KD	KD BY SEGMENT		
976.60	0.				
977.	4.	341.	1.	32.	1.
978.	45.	958.	1.	952.	1.
979.	94.	3182.	1.	3180.	1.
980.	145.	6336.	1.	6334.	1.
981.	199.	10333.	1.	10331.	1.
982.	256.	15104.	1.	15102.	1.
983.	314.	20621.	1.	20619.	1.
984.	377.	26860.	2.	26856.	1.
985.	604.	36074.	130.	34028.	1.
986.	1116.	54152.	10265.	42478.	7.
987.	1700.	83652.	30874.	52001.	53.
988.	2295.	121728.	58851.	62273.	163.
989.	2900.	167252.	93259.	73278.	353.
990.	3515.	220126.	134356.	84995.	648.
991.	4139.	279719.	181262.	97398.	1059.
992.	4776.	345015.	232860.	110443.	1593.
993.	5422.	416643.	290086.	124144.	2274.
994.	6079.	494248.	352500.	138478.	3112.
995.	6744.	576226.	420585.	153449.	4132.
996.	7420.	662596.	493186.	169017.	5328.
997.	8108.	762425.	570433.	185172.	6716.
998.	8804.	863182.	652905.	201925.	8283.
999.	9509.	969667.	740407.	219263.	9997.
1000.	10233.	1080505.	831573.	237135.	11713.
1001.	10963.	1196814.	929403.	255587.	13747.
1002.	11705.	1319925.	1034060.	274588.	16231.
1003.	12456.	1449764.	1144353.	294116.	19185.
1004.	13212.	1587370.	1260535.	314196.	22594.
1005.	13978.	1741957.	1380559.	334788.	26526.
1006.	14751.	1892093.	1505092.	355901.	30980.
1007.	15528.	2048178.	1634581.	377539.	36002.
1008.	16316.	2209032.	1767637.	399668.	41595.
1009.	17107.	2376244.	1906089.	422324.	47831.
1010.	17906.	2550634.	2049149.	445446.	55833.
1011.	18706.	2730538.	2196848.	469063.	64417.
1012.	19506.	2916792.	2344596.	493063.	71967.
1013.	20306.	3097422.	2497748.	517572.	80154.
1014.	21106.	3290480.	2656352.	542585.	89012.

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JOB         TR20        ECON2       PEAKS                                                   00000100
TITLE         STEWARTS CREEK 03/02/83-SCS16/27/88-JET                                       00000200
5 RAINFL 7                          0.25                                                    00000205
8                      0.0000       0.0020       0.0050       0.0080       0.011000000210
8                      0.0140       0.0170       0.0200       0.0230       0.026000000215
8                      0.0290       0.0320       0.0350       0.0380       0.041000000220
8                      0.0440       0.0480       0.0520       0.0560       0.060000000225
8                      0.0640       0.0680       0.0720       0.0760       0.080000000230
8                      0.0850       0.0900       0.0950       0.1000       0.105000000235
8                      0.1100       0.1150       0.1200       0.1260       0.133000000240
8                      0.1400       0.1470       0.1550       0.1630       0.172000000245
8                      0.1810       0.1910       0.2030       0.2180       0.236000000250
8                      0.2570       0.2830       0.3870       0.6630       0.707000000255
8                      0.7350       0.7580       0.7760       0.7910       0.804000000260
8                      0.8150       0.8250       0.8340       0.8420       0.849000000265
8                      0.8560       0.8630       0.8690       0.8750       0.881000000270
8                      0.8870       0.8930       0.8980       0.9030       0.908000000275
8                      0.9130       0.9180       0.9220       0.9260       0.930000000280
8                      0.9340       0.9380       0.9420       0.9460       0.950000000285
8                      0.9530       0.9560       0.9590       0.9620       0.965000000290
8                      0.9680       0.9710       0.9740       0.9770       0.980000000292
8                      0.9830       0.9860       0.9890       0.9920       0.995000000294
8                      0.9980       1.0000       1.0000       1.0000       1.000000000296
9 ENDTBL                                                                            00000298
2 XSECTN     155                   1.00                                             00000300
8                                 961.10          0.0          0.0           0.0 00000400
8                                 965.13       264.47       285.07          .0000000500
8                                 965.79       371.39       357.83          .0000000600
8                                 966.20       452.25       406.45          .0000000700
8                                 966.55       521.44       449.06          .0000000800
8                                 967.41       733.40       572.45          .0000000900
8                                 968.43      1031.63       751.09          .0000001000
8                                 969.60      1449.92      1007.69          .0000001100
8                                 970.91      2030.89      1383.83          .0000001200
8                                 972.42      2864.07      1799.35          .0000001300
8                                 974.19      4029.00      2364.31          .0000001400
8                                 976.31      5664.61      3100.34          .0000001500
8                                 978.82      7766.10      4054.63          .0000001600
8                                 981.78     11201.48      5297.07          .0000001700
8                                 985.29     15748.38      6939.92          .0000001800
8                                 989.41     22144.51      9118.99          .0000001900
8                                 993.81     31136.62     11568.95          .0000002000
9 ENDTBL                                                                        00002100
2 XSECTN     165                   1.00                                         00002200
8                                 962.30          0.0          0.0          0.0 00002300
8                                 965.41       264.43       322.28          .0000002400
8                                 966.08       371.33       398.86          .0000002500
8                                 966.84       521.36       487.66          .0000002600
8                                 967.72       733.28       591.28          .0000002700
8                                 968.75      1031.46       713.86          .0000002800
8                                 969.94      1449.67       859.18          .0000002900
8                                 971.20      1997.57      1014.05          .0000003000
8                                 971.29      2038.55      1025.68          .0000003100
8                                 972.84      2865.59      1264.84          .0000003200
8                                 974.64      4028.33      1607.72          .0000003300
8                                 976.77      5663.67      2058.58          .0000003400
8                                 979.28      7964.77      2625.59          .0000003500
8                                 982.24     11199.81      3341.55          .0000003600
8                                 985.74     15745.75      4280.61          .0000003700
8                                 989.83     22140.82      5532.20          .0000003800
8                                 994.22     31131.43      6922.85          .0000003900
9 ENDTBL                                                                        00004000
2 XSECTN     145                   1.00                                         00004100
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8			958.70	0.0	0.0	0.0 00004200
8			965.45	264.22	765.69	.0000004300
8			966.12	371.04	850.93	.0000004400
8			966.90	520.95	951.02	.0000004500
8			967.81	732.71	1068.36	.0000004600
8			968.88	1030.33	1208.19	.0000004700
8			970.10	1448.55	1375.35	.0000004800
8			971.50	2036.96	1569.11	.0000004900
8			972.00	2295.95	1639.52	.0000005000
8			973.10	2863.36	1796.51	.0000005100
8			974.97	4025.20	2132.63	.0000005200
8			977.15	5659.26	3643.17	.0000005300
8			979.69	7958.57	5829.52	.0000005400
8			982.60	11191.10	8402.29	.0000005500
8			986.23	15733.50	11732.45	.0000005600
8			990.39	22123.60	15667.21	.0000005700
8			994.90	31107.22	19944.17	.0000005800
9	ENDTBL					00005900
2	XSECTN	22	1.00			00006000
8			964.00	0.0	0.0	.0000006100
8			967.00	226.90	156.50	.0000006200
8			967.60	318.60	192.60	.0000006300
8			968.20	448.00	227.90	.0000006400
8			969.20	630.20	283.20	.0000006500
8			970.20	885.70	345.80	.0000006600
8			971.30	1245.50	417.90	.0000006700
8			972.8	1750.80	517.70	.0000006800
8			974.5	2461.20	632.90	.0000006900
8			976.4	3460.30	774.60	.0000007000
8			977.2	3971.80	836.20	.0000007100
8			977.9	4415.00	909.10	.5100007200
8			978.6	4866.30	989.60	.7500007300
8			980.9	6842.80	1464.10	2.7900007400
8			983.3	9620.20	2159.40	3.0300007500
8			986.0	13527.40	3024.30	3.3100007600
8			989.4	19020.50	4154.40	3.6500007700
8			992.2	22916.20	5136.90	3.9200007800
9	ENDTBL					00007900
2	XSECTN	71	1.00			00008000
8			963.80	0.0	0.0	0.0 00008100
8			967.70	226.52	157.78	.0000008200
8			968.40	318.82	192.39	.0000008300
8			969.10	447.46	231.08	.0000008400
8			970.00	630.91	284.22	.0000008500
8			971.10	885.05	349.15	.0000008600
8			972.40	1245.51	426.18	.0000008700
8			973.0	1447.95	464.71	.0000008800
8			973.90	1750.21	524.53	.0000008900
8			975.60	2460.40	647.33	.0000009000
8			977.70	3459.64	805.70	.0800009100
8			980.00	4865.56	1050.60	.2500009200
8			982.30	6841.15	1383.81	1.3000009300
8			984.71	9618.23	1758.05	1.5300009400
8			987.50	13524.04	2281.10	1.8200009500
8			990.80	19016.37	2823.31	2.1600009600
8			993.40	22911.14	3326.91	2.5800009700
9	ENDTBL					00009800
2	XSECTN	73	1.00			00009900
8			964.60	0.0	0.0	0.0 00010000
8			968.01	226.52	162.45	.0000010100
8			968.60	318.82	202.31	.0000010200
8			969.48	447.46	246.65	.0000010300
8			970.44	630.91	307.88	.0000010400

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8                          971.52      885.05      378.89      .0000010500
8                          972.86     1245.51      461.67      .0000010600
8                          974.40     1750.21      564.63      .0000010700
8                          976.23     2460.40      684.85      .0000010800
8                          977.20     2936.49      759.60      .0000010900
8                          978.30     3459.64      891.58      .0000011000
8                          980.17     4488.56     1531.22      .3200011100
8                          980.80     4865.54     1572.55      .3200011200
8                          983.30     6841.15     2532.40      .4200011300
8                          985.90     9618.23     3609.87      .4500011400
8                          989.00    13524.04     4710.20      .5000011500
8                          992.70    19016.37     6561.92      .5500011600
8                          995.34    22911.14     7815.51      .6100011700
9 ENDTBL                                                         00011800
2 XSECTN      24        1.00                                     00011900
8                          966.30         0.0         0.0     0.0 00012000
8                          969.00      226.71      164.73      .0000012100
8                          969.60      318.26      205.64      .0000012200
8                          970.40      447.60      258.50      .0000012300
8                          971.30      629.61      321.99      .0000012400
8                          972.50      884.92      400.30      .0000012500
8                          973.90     1244.41      478.41      .0000012600
8                          975.50     1749.27      616.59      .0000012700
8                          977.30     2459.00      759.23      .0000012800
8                          978.70     3080.47      870.87      .0000012900
8                          979.50     3457.23      948.30      .0000013000
8                          981.90     4861.91     1497.90     3.6400013100
8                          984.20     6836.65     2250.13     5.2000013200
8                          986.80     9611.58     3165.94     6.0400013300
8                          989.80    13515.21     4341.73     7.0000013400
8                          993.40    19003.38     5878.51     8.0200013500
8                          996.00    22895.52     7115.24     9.1500013600
9 ENDTBL                                                         00013700
2 XSECTN      26        1.00                                     00013800
8                          966.20         0.0         0.0     0.0 00013900
8                          969.10      226.71      209.87      .0000014000
8                          969.70      318.26      259.94      .0000014100
8                          970.50      447.65      320.63      .0000014200
8                          971.50      629.61      378.58      .0000014300
8                          972.70      884.92      493.17      .0000014400
8                          974.10     1244.41      611.60      .0000014500
8                          975.70     1749.27      752.52      .0000014600
8                          977.60     2459.01      924.90      .0000014700
8                          978.50     2853.10     1010.24      .0000014800
8                          979.80     3457.27     1164.40      .0000014900
8                          982.20     4861.91     1500.81      .0400015000
8                          984.50     6836.85     1870.50      .1000015100
8                          987.10     9611.50     2378.54      .1400015200
8                          990.00    13515.21     2972.02      .1600015300
8                          993.50    19003.38     3913.63      .3200015400
8                          998.70    22895.52     5588.30      .5400015500
9 ENDTBL                                                         00015600
2 XSECTN       1        1.00                                     00015700
8                          970.90         0.0         0.0     0.0 00015800
8                          974.15      181.01       74.87      .0000015900
8                          974.81      226.10       94.91      .0000016000
8                          975.54      317.45      118.46      .0000016100
8                          976.35      446.49      145.97      .0000016200
8                          977.52      628.05      188.22      .0000016300
8                          978.50      838.67      247.68      .0000016400
8                          978.70      882.70      267.21     6.1800016500
8                          979.64     1241.26      612.99    18.8800016600
8                          979.90     1412.98      730.43    22.3100016700
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8			980.41	1744.85	1114.72	28.9500016800
8			981.48	2452.83	2058.78	39.0300016900
8			982.66	3448.58	3306.03	43.0700017000
8			984.32	4849.71	5149.07	44.7600017100
8			986.67	6819.52	7847.30	48.2300017200
8			989.75	9587.52	11494.80	47.6500017300
8			993.60	13481.45	16150.76	48.5100017400
8			999.53	18955.79	23486.82	50.0400017500
9	ENDTBL					00017600
2	XSECTN	27	1.00			00017700
8			976.60	0.0	0.0	0.0 00017800
8			979.13	160.80	100.43	.0000017900
8			979.72	225.81	130.50	.0000018000
8			980.23	317.04	157.55	.0000018100
8			980.96	445.91	196.99	.0000018200
8			981.94	627.24	252.10	.0000018300
8			983.08	881.56	318.87	.0000018400
8			984.24	1239.66	393.44	.0000018500
8			984.50	1362.58	410.06	.0000018600
8			985.00	1603.38	604.08	14.9300018700
8			985.29	1742.59	738.78	20.6400018800
8			986.07	2449.67	1156.49	28.2000018900
8			986.90	3444.13	1642.97	28.6700019000
8			988.01	4843.45	2303.13	29.2900019100
8			989.56	6810.71	3240.71	30.1600019200
8			991.77	9575.14	4630.51	31.4100019300
8			994.93	13464.04	6699.12	33.1900019400
8			1000.22	18931.31	10394.47	36.3800019500
9	ENDTBL					00019600
2	XSECTN	2[illegible]	1.00			00019700
8			978.00	0.0	0.0	0.0 00019800
8			982.20	160.61	109.11	.0000019900
8			982.75	225.53	130.24	.0000020000
8			983.60	316.66	163.25	.0000020100
8			984.00	381.23	190.14	.0000020200
8			984.40	445.37	216.84	5.5100020300
8			985.27	626.48	398.30	9.8700020400
8			985.96	880.49	569.31	11.4200020500
8			986.75	1238.15	988.20	29.2600020600
8			987.49	1740.47	1693.69	51.7700020700
8			988.00	2366.51	2284.60	67.2200020800
8			988.07	2446.68	2377.85	69.2000020900
8			988.70	3439.93	3282.19	71.2200021000
8			989.58	4837.55	4561.66	72.3200021100
8			990.69	6802.41	6176.40	72.5900021200
8			992.52	9563.47	8848.06	73.0300021300
8			995.37	13447.64	13059.11	73.4800021400
8			1000.44	18908.25	20566.89	73.9800021500
9	ENDTBL					00021600
2	XSECTN	28	1.00			00021700
8			981.30	0.0	0.0	0.0 00021800
8			984.43	159.84	149.97	.0000021900
8			984.95	224.46	184.21	.0000022000
8			985.69	315.16	235.01	.0000022100
8			986.55	443.26	296.42	.0000022200
8			987.53	623.51	368.17	.0000022300
8			988.49	876.31	440.97	.0000022400
8			989.59	1232.28	529.01	.0000022500
8			990.82	1732.22	630.27	.0000022600
8			991.10	1899.66	654.05	.0000022700
8			992.00	2435.08	737.26	.0000022800
8			992.80	2970.84	812.56	.3700022900
8			993.48	3423.65	874.25	.6800023000

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  8                            995.05     4814.62     1085.01         1.5300023100
  8                            996.83     6770.17     1325.74         2.5100023200
  8                            999.09     9518.14     1673.20         3.8800023300
  8                           1001.90    13383.90     2186.16         6.2100023400
  8                           1005.98    18818.63     3716.46        34.2000023500
  9 ENDTBL                                                              00023600
  2 XSECTN     30              1.00                                     00023700
  8                            983.80        0.0         0.0        0.0 00023800
  8                            985.63      159.84       64.89          .0000023900
  8                            985.96      224.46       78.09          .0000024000
  8                            986.54      315.13      102.18          .0000024100
  8                            987.32      443.26      135.87          .0000024200
  8                            988.22      623.51      177.26          .0000024300
  8                            989.20      876.31      224.49          .0000024400
  8                            989.70     1105.81      230.21          .0000024500
  8                            990.29     1232.28      280.47          .0100024600
  8                            991.51     1732.22      350.71          .0500024700
  8                            992.74     2435.06      454.13          .2000024800
  8                            994.20     3423.63      626.05          .2500024900
  8                            995.82     4814.62      832.97          .2900025000
  8                            997.70     6770.17     1094.05          .3300025100
  8                           1000.04     9518.14     1449.92          .3800025200
  8                           1004.48    13383.90     2581.75         1.1600025300
  8                           1007.43    18818.63     3768.82         1.3400025400
  9 ENDTBL                                                              00025500
  2 XSECTN     74              1.00                                     00025600
  8                            984.30        0.0         0.0        0.0 00025700
  8                            987.16      159.39      122.80          .0000025800
  8                            987.69      223.82      148.56          .0000025900
  8                            988.45      314.26      185.89          .0000026000
  8                            989.19      441.99      223.24          .0000026100
  8                            990.23      621.73      277.38          .0000026200
  8                            991.41      873.81      340.79          .0000026300
  8                            992.20     1095.74      385.27          .0000026400
  8                            992.67     1228.77      440.07         3.0400026500
  8                            994.01     1727.28      768.60        19.0100026600
  8                            994.30     1929.36      869.41        21.8600026700
  8                            995.02     2428.14     1299.91        28.9100026800
  8                            996.13     3413.87     2045.28        33.2000026900
  8                            997.48     4800.89     3009.03        34.2000027000
  8                            999.20     6750.86     4258.00        34.9600027100
  8                           1001.44     9491.00     5922.51        35.9500027200
  8                           1005.49    13345.73     9043.70        37.7500027300
  8                           1008.35    18764.96    11326.59        38.8500027400
  9 ENDTBL                                                              00027500
  2 XSECTN     76              1.00                                     00027600
  8                            987.60        0.0         0.0        0.0 00027700
  8                            988.78      159.39       57.69          .0000027800
  8                            989.23      223.82       81.44          .0000027900
  8                            989.71      314.26      107.30          .0000028000
  8                            990.34      441.99      141.66          .0000028100
  8                            991.27      621.73      193.13          .0000028200
  8                            992.44      873.81      263.17          .0000028300
  8                            992.60      934.55      279.63          .0000028400
  8                            993.81     1228.77      503.78          .4800028500
  8                            995.07     1727.28     1306.90         2.2500028600
  8                            995.60     2117.06     1848.93         2.6700028700
  8                            996.02     2428.14     2386.00         3.0100028800
  8                            997.12     3413.87     3775.74         3.1100028900
  8                            998.48     4800.89     5572.86         3.1700029000
  8                           1000.30     6750.86     8005.44         3.2500029100
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  8                           1003.75    13345.73    17085.34         3.5200029300
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8			990.36	219.40	92.80	.0000029900
8			990.87	308.05	117.12	.0000030000
8			991.54	433.26	150.17	.0000030100
8			992.30	609.44	188.45	.0000030200
8			993.37	856.54	245.40	.0000030300
8			993.80	983.21	271.79	.0000030400
8			994.00	1042.72	326.04	1.2300030500
8			994.54	1204.48	466.70	2.2900030600
8			995.58	1693.14	1020.25	4.6600030700
8			996.36	2380.15	1617.40	5.2800030800
8			997.35	3346.40	2387.26	5.5600030900
8			998.63	4706.01	3412.90	5.7200031000
8			1000.40	6617.44	4872.04	5.9500031100
8			1002.78	9503.43	6960.81	6.5400031200
8			1006.78	13081.97	10913.48	7.4200031300
8			1010.33	18394.10	14703.14	8.0000031400
9	ENDTBL					00031500
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8			992.50	0.0	0.0	0.0 00031700
8			996.02	155.89	76.00	.0000031800
8			996.50	214.53	95.96	.0000031900
8			996.54	218.90	97.51	.5600032000
8			997.02	307.35	137.90	3.0000032100
8			997.56	432.28	251.05	12.6600032200
8			998.07	608.07	418.92	28.1200032300
8			998.31	854.61	640.61	34.6800032400
8			998.50	1018.26	826.13	39.5500032500
8			998.71	1201.77	1034.16	45.0100032600
8			999.13	1689.33	1544.92	54.0300032700
8			999.54	2374.79	2111.18	61.2200032800
8			999.94	3338.85	2707.64	65.0000032900
8			1000.54	4695.40	3669.44	67.3500033000
8			1001.65	6602.58	5464.61	68.0700033100
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9	ENDTBL					00033500
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8			998.81	218.29	144.98	.0000033900
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8			1001.04	606.35	266.99	.0000034200
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8			1002.50	1112.71	353.23	.0000034400
8			1002.71	1198.36	398.65	4.4400034500
8			1003.60	1684.37	736.40	25.2400034600
8			1003.60	1684.54	736.62	25.2500034700
8			1004.10	2368.06	1090.35	37.7500034800
8			1004.68	3329.40	1670.03	49.8900034900
8			1005.27	4682.11	2343.85	61.0000035000
8			1005.92	6583.84	3255.78	64.0500035100
8			1006.78	9256.18	4477.45	65.7000035200
8			1008.66	13015.53	7163.89	66.3900035300
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9	ENDTBL					00035500
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	1005.60	1551.60	774.39	26.7300036600	
	1005.78	1644.85	870.05	31.7800036700	
	1006.48	2212.27	1594.94	44.1600036800	
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	1008.26	6426.71	3826.16	51.9200037100	
	1009.14	9038.09	4693.74	53.8400037200	
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	1.00				
	1000.00	0.0	0.0	0.0	00037700
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	1004.74	212.74	85.41		.0000037900
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	1007.80	706.27	234.22		.0000038300
	1007.98	831.34	245.63	1.1600038400	
	1008.85	1169.03	534.41	21.2400038500	
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	1009.82	2310.11	1308.97	25.3400038700	
	1010.33	3247.91	1675.14	25.6200038800	
	1010.50	3643.71	1814.44	25.7400038900	
	1010.89	4567.51	2132.24	26.9900039000	
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	1012.30	9029.63	3385.07	26.7200039200	
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ENDTBL					00039500
XSECTN	23				00039600
	1.00				
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	1006.56	298.85	175.26		.0000040000
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	1010.30	1186.20	613.68	5.2400040600	
	1010.96	1512.63	771.04	5.2300040700	
	1011.67	2309.12	1003.19	6.9200040800	
	1012.29	3245.53	1209.14	7.5200040900	
	1013.25	4565.57	1540.90	8.4300041000	
	1014.21	6417.76	1917.85	9.3800041100	
	1015.20	9025.79	2333.98	10.3400041200	
	1016.57	12691.57	2975.96	11.6600041300	
	1018.05	17845.17	3754.50	13.2000041400	
ENDTBL					00041500
XSECTN	6				00041600
	1.00				
	1005.00	0.0	0.0	0.0	00041700
	1007.55	149.29	108.64		.0000041800
	1008.03	209.84	134.33		.0000041900

8			1008.71	294.34	172.22	.0000042000
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8			1012.54	1150.89	395.22	.0000042400
8			1013.61	1617.81	461.21	.0000042500
8			1014.20	1963.98	590.18	.0000042600
8			1014.50	2140.72	747.63	23.0300042700
8			1014.73	2274.25	866.59	28.9100042800
8			1015.48	3197.50	1583.16	45.0500042900
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8			1016.79	6323.01	3575.79	71.0900043100
8			1017.63	8889.49	5184.40	77.8500043200
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8			1019.79	17575.69	7614.07	82.7500043400
9	ENDTBL					00043500
2	XSECTN	34	1.00			00043600
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8			1016.28	148.92	84.82	.0000043800
8			1016.75	209.12	108.42	.0000043900
8			1017.28	293.62	136.35	.0000044000
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8			1018.58	580.90	207.87	.0000044200
8			1019.62	816.42	267.28	.0000044300
8			1020.72	1148.06	337.44	.0000044400
8			1021.60	1501.75	403.21	.0000044500
8			1021.88	1613.83	433.85	5.3800044600
8			1022.60	2036.40	571.73	12.3600044700
8			1023.00	2268.66	673.34	16.2000044800
8			1023.97	3189.64	1030.23	26.0300044900
8			1024.88	4485.57	1429.10	31.6700045000
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8			1026.81	8867.63	2685.25	61.1100045200
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9	ENDTBL					00045500
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8			1018.60	148.51	111.51	.0000045800
8			1019.11	208.55	133.83	.0000045900
8			1019.78	292.81	169.92	.0000046000
8			1020.37	411.83	201.44	.0000046100
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8			1022.37	814.19	312.86	.0000046300
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8			1025.00	1598.02	465.78	.0000046500
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8			1028.07	4473.30	2030.92	32.1100047000
8			1028.91	6290.21	3026.69	56.1300047100
8			1029.81	8843.37	4403.74	71.6300047200
8			1030.57	12435.07	6488.59	78.8000047300
8			1031.66	17484.51	7884.37	80.8000047400
9	ENDTBL					00047500
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8			1022.66	148.17	101.42	.0000047800
8			1023.11	208.07	123.32	.0000047900
8			1023.65	292.14	150.29	.0000048000
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8			1025.24	577.77	235.86	.0000048200

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                1033.16      571.87      190.46      .0000052100
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ENDTBL                                                 00053400
XSECTN      8  1.00                                   00053500
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ENDTBL                                                00057300
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8			1047.45	1112.87	377.87	.0000062000
8			1048.40	1459.58	435.03	.0000062100
8			1048.69	1564.37	462.09	.1200062200
8			1049.78	2199.13	675.44	.7100062300
8			1050.94	3091.88	1089.25	1.1200062400
8			1052.36	4348.09	1696.72	1.2500062500
8			1054.06	6114.15	2498.87	1.3900062600
8			1056.15	8595.84	3535.15	1.4100062700
8			1058.43	12087.01	4688.99	1.4500062800
8			1062.13	16995.12	6630.27	1.5800062900
9	ENDTBL					00063000
2	XSECTN	44	1.00			00063100
8			1043.50	0.0	0.0	0.0 00063200
8			1045.75	99.25	41.73	.0000063300
8			1046.19	139.37	56.51	.0000063400
8			1046.52	195.68	66.36	.0000063500
8			1047.10	275.22	85.72	.0000063600
8			1047.78	387.14	110.29	.0000063700
8			1048.62	544.10	143.05	.0000063800
8			1049.71	765.12	188.11	.0000063900
8			1050.84	1075.54	239.49	.0000064000
8			1051.50	1311.12	271.06	.0000064100
8			1052.06	1511.95	350.31	1.7900064200
8			1053.12	2125.73	613.19	5.2100064300
8			1053.50	2466.00	737.96	5.7500064400
8			1054.09	2989.40	988.00	6.5700064500
8			1055.32	4203.60	1519.71	6.8100064600
8			1057.01	5909.83	2341.99	8.2300064700
8			1059.04	8310.07	3427.96	8.6900064800
8			1062.49	11684.49	5354.42	9.0900064900
9	ENDTBL					00065000
2	XSECTN	9	1.00			00065100
8			1045.00	0.0	0.0	0.0 00065200
8			1047.78	99.16	54.01	.0000065300
8			1048.25	139.24	69.21	.0000065400
8			1048.69	195.50	83.27	.0000065500
8			1049.20	274.96	100.71	.0000065600
8			1050.00	386.78	128.61	.0000065700
8			1050.83	543.60	168.74	.0000065800
8			1051.80	736.21	218.58	.0000065900
8			1051.94	764.41	232.23	2.3200066000
8			1052.50	935.68	381.39	5.1700066100
8			1052.72	1074.54	474.27	6.3100066200
8			1053.61	1510.55	788.01	9.9300066300
8			1054.33	2122.77	1549.67	12.7600066400
8			1055.01	2986.63	2199.22	15.8000066500
8			1055.94	4199.71	3176.71	16.0100066600
8			1057.40	5704.55	4782.59	16.3500066700
8			1059.32	8302.37	6869.96	16.7800066800
8			1062.64	11673.68	10668.88	17.5400066900
9	ENDTBL					00067000
2	XSECTN	45	1.00			00067100

8			1045.90	0.0	0.0	0.0 00067200
8			1048.88	99.01	73.36	.0000067300
8			1049.38	139.03	91.53	.0000067400
8			1049.73	195.21	112.89	.0000067500
8			1050.59	274.56	139.22	.0000067600
8			1051.45	286.20	175.88	.0000067700
8			1052.33	542.79	215.67	.0000067800
8			1053.50	760.97	296.00	.0000067900
8			1053.51	763.28	297.35	3.3300068000
8			1054.25	1072.95	573.52	10.8800068100
8			1054.30	1100.24	603.92	11.3900068200
8			1054.99	1508.30	1086.06	19.0600068300
8			1055.47	2120.61	1554.16	20.1500068400
8			1056.12	2902.20	2206.97	21.6200068500
8			1056.82	4193.48	2989.32	23.2200068600
8			1058.01	5895.59	4363.34	25.3400068700
8			1059.68	8290.05	6408.54	25.4500068800
8			1062.80	11666.35	10241.41	25.6400068900
9	ENDTBL					00069000
2	XSECTN	10	1.00			00069100
8			1054.20	0.0	0.0	0.0 00069200
8			1056.18	96.01	53.28	.0000069300
8			1056.55	133.42	68.79	.0000069400
8			1057.01	187.32	84.02	.0000069500
8			1057.44	263.47	100.14	.0000069600
8			1058.20	370.60	129.12	.0000069700
8			1059.03	520.87	181.20	.0000069800
8			1059.97	732.45	199.11	.0000069900
8			1061.10	1029.60	245.15	.0000070000
8			1061.50	1167.96	263.64	.0000070100
8			1062.31	1447.37	362.59	6.1300070200
8			1063.06	2034.95	736.67	33.6200070300
8			1063.91	2861.73	1088.93	40.7900070400
8			1064.13	4024.07	1640.55	45.0100070500
8			1064.60	5657.42	2145.05	48.4600070600
8			1065.38	7955.16	3028.67	53.5000070700
8			1066.57	11185.47	4456.29	56.6300070800
9	ENDTBL					00070900
2	XSECTN	46	1.00			00071000
8			1058.70	0.0	0.0	0.0 00071100
8			1060.52	94.82	63.14	.0000071200
8			1060.80	133.13	76.25	.0000071300
8			1061.31	186.95	100.88	.0000071400
8			1061.79	262.94	123.94	.0000071500
8			1062.29	369.86	148.26	.0000071600
8			1063.10	519.82	189.01	.0000071700
8			1063.99	730.78	234.90	.0000071800
8			1065.10	1027.54	293.72	.0000071900
8			1065.40	1132.98	312.08	.0000072000
8			1066.00	1347.86	366.39	3.3100072100
8			1066.27	1444.48	429.36	4.3200072200
8			1067.15	2030.88	655.79	8.5300072300
8			1067.98	2856.01	891.01	9.0700072400
8			1068.87	4016.03	1158.20	9.6600072500
8			1069.63	5648.11	1398.31	10.1600072600
8			1070.82	7939.25	1792.20	10.8900072700
8			1072.02	11163.10	2205.33	11.1300072800
9	ENDTBL					00072900
2	XSECTN	11	1.00			00073000
8			1068.20	0.0	0.0	0.0 00073100
8			1070.40	83.45	45.50	.0000073200
8			1070.69	117.17	54.90	.0000073300
8			1071.10	164.54	68.75	.0000073400

8			1071.55	231.42	84.25	.0000073500
8			1072.05	325.53	101.86	.0000073600
8			1072.72	457.52	126.37	.0000073700
8			1073.57	643.37	158.76	.0000073800
8			1074.74	904.39	206.39	.0000073900
8			1075.20	1052.96	227.52	.0000074000
8			1075.87	1271.36	308.02	7.0300074100
8			1076.68	1787.47	509.38	15.5800074200
8			1077.20	2242.85	672.87	22.7500074300
8			1077.51	2513.74	851.86	27.3400074400
8			1078.21	3534.70	1255.57	41.6800074500
8			1078.84	4969.42	1856.67	57.5700074600
8			1079.59	6987.72	2743.49	75.5700074700
8			1080.16	9825.19	3535.21	86.4500074800
9	ENDTBL					00074900
2	XSECTN	47	1.00			00075000
8			1074.10	0.0	0.0	0.0 00075100
8			1075.87	83.02	44.99	.0000075200
8			1076.13	116.58	53.52	.0000075300
8			1076.55	162.68	67.71	.0000075400
8			1076.91	230.21	80.63	.0000075500
8			1077.54	323.82	104.07	.0000075600
8			1078.18	455.12	129.72	.0000075700
8			1079.01	639.99	165.79	.0000075800
8			1079.90	848.95	215.12	.0000075900
8			1080.12	899.68	227.68	1.4500076000
8			1080.40	1023.77	257.89	3.0400076100
8			1080.95	1264.67	346.34	6.1100076200
8			1081.76	1778.07	630.47	13.8400076300
8			1082.33	2500.48	932.88	17.7600076400
8			1082.97	3516.10	1301.16	17.9000076500
8			1083.76	4943.27	1761.60	18.0700076600
8			1084.45	6950.96	2165.55	18.2300076700
8			1085.45	9773.49	2763.63	18.4500076800
9	ENDTBL					00076900
2	XSECTN	12	1.00			00077000
8			1078.50	0.0	0.0	0.0 00077100
8			1080.00	82.91	45.86	.0000077200
8			1080.35	116.43	58.15	.0000077300
8			1080.73	163.47	71.97	.0000077400
8			1081.03	229.92	82.97	.0000077500
8			1081.63	323.41	105.90	.0000077600
8			1082.29	454.54	132.19	.0000077700
8			1083.10	639.18	166.31	.0000077800
8			1084.21	898.50	218.42	.0000077900
8			1084.50	1009.37	240.54	.0000078000
8			1085.00	1198.33	291.33	3.2800078100
8			1085.17	1263.07	326.69	3.9900078200
8			1085.87	1775.82	508.79	9.1900078300
8			1086.49	2497.33	773.29	12.4800078400
8			1087.10	3511.66	1135.52	15.6400078500
8			1087.79	4937.03	1592.02	18.5600078600
8			1088.55	6942.18	2172.67	20.7300078700
8			1089.31	9761.16	2605.24	21.6000078800
9	ENDTBL					00078900
2	XSECTN	48	1.00			00079000
8			1082.50	0.0	0.0	0.0 00079100
8			1084.19	82.84	42.29	.0000079200
8			1084.56	116.22	54.04	.0000079300
8			1084.84	163.26	63.38	.0000079400
8			1085.25	229.63	77.92	.0000079500
8			1085.79	323.00	97.62	.0000079600
8			1086.61	453.97	129.42	.0000079700

8		1087.33	638.37	159.04	.0000079800
8		1088.36	897.36	205.47	.0000079900
B		1089.47	1261.47	258.95	.0000080000
B		1090.46	1773.58	310.44	.0000080100
C		1090.50	1805.96	312.49	.0000080200
8		1091.31	2494.17	593.27	9.5000080300
B		1092.02	3507.22	981.24	13.5000080400
8		1092.54	4930.78	1307.10	15.5000080500
C		1093.20	6933.40	1810.15	17.6000080600
8		1093.92	9748.81	2414.58	20.0800080700
9	ENDTBL				00080800
2	XSECTN 13	1.00			00080900
B		1090.00	0.0	0.0	0.0 00081000
6		1091.89	81.71	42.56	.0000081100
B		1092.14	114.74	51.14	.0000081200
8		1092.41	161.10	61.12	.0000081300
C		1092.78	226.58	74.56	.0000081400
8		1093.31	318.73	94.48	.0000081500
B		1093.60	379.32	105.67	.0000081600
8		1093.93	447.95	165.63	4.5700081700
B		1094.42	629.92	294.80	10.2300081800
8		1094.80	885.48	434.53	13.4500081900
B		1095.19	1244.77	636.05	18.0500082000
C		1095.67	1750.09	899.49	19.2800082100
C		1096.00	2229.76	1124.33	21.3700082200
C		1096.16	2461.14	1232.79	22.3800082300
B		1096.52	3460.78	1489.55	24.3500082400
8		1097.21	4865.49	2046.17	27.0500082500
C		1097.70	6041.59	2502.20	30.9800082600
C		1098.38	9619.71	3204.55	34.8800082700
9	ENDTBL				00082800
2	XSECTN 49	1.00			00082900
B		1095.80	0.0	0.0	0.0 00083000
8		1097.03	81.43	50.71	.0000083100
B		1097.27	114.35	62.09	.0000083200
8		1097.63	160.56	80.73	.0000083300
B		1097.95	225.82	98.03	.0000083400
6		1098.30	317.65	118.64	.0000083500
B		1098.88	446.44	154.66	.0000083600
C		1099.43	627.79	172.40	.0000083700
B		1099.60	686.23	207.43	.0000083800
8		1100.18	882.49	270.79	2.2100083900
B		1100.62	1240.57	343.04	4.1800084000
8		1101.32	1744.19	529.45	7.4700084100
C		1101.91	2452.83	745.52	10.2000084200
8		1102.44	3449.10	978.98	12.6900084300
B		1103.23	4849.07	1405.45	16.2900084400
8		1103.90	6818.50	1830.95	18.8900084500
B		1104.66	9587.25	2370.60	20.2900084600
9	ENDTBL				00084700
2	XSECTN 14	1.00			00084800
C		1102.00	0.0	0.0	0.0 00084900
C		1103.97	80.94	39.34	.0000085000
C		1104.19	113.67	46.57	.0000085100
B		1104.61	159.59	60.82	.0000085200
C		1105.04	224.46	75.61	.0000085300
C		1105.49	315.74	91.77	.0000085400
8		1106.15	443.76	115.71	.0000085500
C		1106.75	624.02	138.44	.0000085600
8		1107.68	877.18	175.23	.0000085700
C		1108.76	1233.11	220.89	.0000085800
8		1109.50	1564.26	259.72	.0000085900
B		1109.88	1733.70	284.19	1.4600086000

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8                        1110.00     1828.85       291.96      1.9300086100
8                        1110.77     2438.09       420.83      4.8900086200
8                        1111.67     3428.37       683.29      9.0500086300
8                        1112.42     4819.92       968.75     12.2700086400
8                        1113.18     6777.51      1317.56     15.4300086500
8                        1113.96     9529.62      1793.60     19.5500086600
9 ENDTBL                                                           00086700
2 XSECTN     50          1.00                                      00086800
8                        1111.60        0.0          0.0      0.0 00086900
8                        1113.19       80.60        47.52      .0000087000
8                        1113.49      113.19        58.48      .0000087100
8                        1113.83      158.92        69.95      .0000087200
8                        1114.18      223.52        82.53      .0000087300
8                        1114.87      314.41       108.65      .0000087400
8                        1115.52      441.89       134.10      .0000087500
8                        1116.31      621.38       166.62      .0000087600
8                        1116.70      725.02       183.53      .0000087700
8                        1117.26      873.48       208.27      .0200087800
8                        1118.40     1227.70       267.63      .2200087900
8                        1119.81     1726.38       343.34      .4700088000
8                        1120.98     2427.80       500.57     8.2100088100
8                        1122.02     3413.89       863.65     20.6400088200
8                        1122.98     4799.57      1288.01     20.9200088300
8                        1123.87     6748.90      1684.48     21.1700088400
8                        1124.92     9489.39      2160.88     21.4700088500
9 ENDTBL                                                           00088600
2 XSECTN    150          1.00                                      00088700
8                        1112.10        0.0          0.0      0.0 00088800
8                        1113.74       80.60        40.92      .0000088900
8                        1114.07      113.19        50.72      .0000089000
8                        1114.40      158.92        63.24      .0000089100
8                        1114.93      223.52        77.38      .0000089200
8                        1115.59      314.41        98.75      .0000089300
8                        1116.30      441.89       122.57      .0000089400
8                        1116.60      509.58       133.45      .0000089500
8                        1117.10      621.38       157.36      .0400089600
8                        1118.07      873.48       235.99      .1600089700
8                        1119.27     1227.90       393.68      .2900089800
8                        1120.78     1726.38       700.50      .4600089900
8                        1122.27     2427.80      1098.47      .5900090000
8                        1123.49     3413.89      1459.01      .6000090100
8                        1124.67     4799.57      1818.66      .6200090200
8                        1126.82     6748.90      2478.74      .6400090300
8                        1128.76     9489.39      3101.18      .6700090400
9 ENDTBL                                                           00090500
2 XSECTN     15          1.00                                      00090600
8                        1123.10        0.0          0.0      0.0 00090700
8                        1125.07       79.31        42.02      .0000090800
8                        1125.46      111.37        53.80      .0000090900
8                        1125.87      156.37        66.24      .0000091000
8                        1126.33      219.74        80.27      .0000091100
8                        1126.99      309.37       100.68      .0000091200
8                        1127.74      434.81       124.58      .0000091300
8                        1128.50      590.29       158.19      .0000091400
8                        1128.60      611.43       163.07     3.0700091500
8                        1129.00      749.54       220.73     5.6800091600
8                        1129.32      859.49       276.54     7.7700091700
8                        1129.98     1208.24       496.08     17.6700091800
8                        1130.54     1678.74       771.65     25.9500091900
8                        1131.13     2388.92      1138.03     31.6600092000
8                        1131.57     3359.22      1447.80     32.6500092100
8                        1132.38     4722.71      2022.90     34.1300092200
8                        1133.26     6640.33      2888.33     35.0000092300
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8                      1134.27    9237.43    3417.62     35.5800092400
9 ENDTBL                                                    00092500
2 XSECTN     51        1.00                                 00092600
8                      1127.20       0.0        0.0      0.0 00092700
8                      1129.22      78.88      46.20      .0000092800
8                      1129.68     110.77      58.74      .0000092900
8                      1130.02     155.52      68.18      .0000093000
8                      1130.70     218.73      87.81      .0000093100
8                      1131.48     307.68     111.40      .0000093200
8                      1132.34     482.45     138.74      .0000093300
8                      1133.24     608.07     167.25      .0000093400
8                      1133.40     646.13     174.66      .0000093500
8                      1134.26     854.80     246.58     1.7600093600
8                      1135.09    1201.64     344.57     2.6500093700
8                      1135.85    1689.45     462.70     3.4200093800
8                      1136.71    2375.86     616.18     4.1100093900
8                      1137.70    3340.86     813.74     4.5800094000
8                      1138.65    4696.90    1014.72     4.8600094100
8                      1139.80    6604.53    1271.48     5.1300094200
8                      1141.26    9286.39    1610.99     5.3600094300
9 ENDTBL                                                    00094400
2 XSECTN     52        1.00                                 00094500
8                      1137.30       0.0        0.0      0.0 00094600
8                      1139.41      71.01      37.54      .0000094700
8                      1139.80      99.71      47.04      .0000094800
8                      1140.22     140.00      58.09      .0000094900
8                      1140.80     196.90      73.86      .0000095000
8                      1141.45     276.97      92.60      .0000095100
8                      1142.28     389.27     118.49      .0000095200
8                      1142.80     489.35     135.54      .0000095300
8                      1143.10     547.39     177.46     3.9400095400
8                      1143.76     769.47     323.99    16.1200095500
8                      1144.30    1081.69     580.61    25.2300095600
8                      1144.74    1520.82     825.72    28.8800095700
8                      1145.19    2138.71    1105.73    29.5400095800
8                      1145.68    3007.39    1415.07    30.0500095900
8                      1146.35    4228.07    1847.75    30.6500096000
8                      1147.01    5945.28    2288.91    31.2300096100
8                      1148.01    8359.45    2959.23    32.1400096200
9 ENDTBL                                                    00096300
2 XSECTN     53        1.00                                 00096400
8                      1145.00       0.0        0.0      0.0 00096500
8                      1147.11      65.40      36.40      .0000096600
8                      1147.39      91.84      42.99      .0000096700
8                      1147.90     128.94      55.95      .0000096800
8                      1148.27     181.35      68.63      .0000096900
8                      1149.01     255.10      85.76      .0000097000
8                      1149.10     268.97      88.34      .0000097100
8                      1149.30     299.37      95.39      .3200097200
8                      1149.69     358.53     112.90      .7500097300
8                      1150.45     504.17     162.10     1.7800097400
8                      1151.03     708.72     220.04     3.1100097500
8                      1151.86     996.28     338.19     5.6300097600
8                      1152.59    1400.74     504.39     9.0800097700
8                      1153.15    1969.84     674.66    12.0100097800
8                      1153.88    2769.93     963.88    14.8200097900
8                      1154.58    3894.22    1274.06    15.7700098000
8                      1155.35    5475.86    1621.06    16.3800098100
8                      1156.18    7699.41    2013.47    17.0500098200
9 ENDTBL                                                    00098300
2 XSECTN     16        1.00                                 00098400
8                      1154.50       0.0        0.0      0.0 00098500
8                      1156.56      64.95      37.75      .0000098600
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8                        1156.70     78.20     43.12      .0000098700
8                        1156.84     91.21     48.40      .0100098800
8                        1157.16    128.07     61.51      .0300098900
8                        1157.50    180.12     75.62      .0500099000
8                        1157.77    253.37     87.20      .0700099100
8                        1158.44    356.10    117.81      .1100099200
8                        1159.06    500.75    147.37      .1500099300
8                        1159.85    703.90    188.21      .2000099400
8                        1161.19    989.52    296.56      .2800099500
8                        1161.76   1391.22    359.17      .3700099600
8                        1162.63   1956.46    472.54     1.3700099700
8                        1163.46   2751.12    608.27     3.0500099800
8                        1164.37   3867.78    858.38     8.6600099900
8                        1165.22   5438.66   1200.94    11.8500100000
8                        1166.08   7647.11   1608.03    14.1700100100
9 ENDTBL                                                 00100200
2 XSECTN     54          1.00                            00100300
8                        1168.90      0.0       0.0       0.0 00100400
8                        1170.44     64.38     28.70      .0000100500
8                        1170.70     90.41     35.34      .0000100600
8                        1171.16    126.74     47.01      .0000100700
8                        1171.63    178.54     59.92      .0000100800
8                        1172.15    251.14     75.08      .0000100900
8                        1172.74    352.97     93.61      .0000101000
8                        1173.20    437.07    110.10      .0000101100
8                        1173.52    496.35    126.13     1.8300101200
8                        1174.11    697.72    209.84     6.5900101300
8                        1174.71    980.83    371.99    14.9700101400
8                        1175.01   1379.00    505.82    21.7600101500
8                        1175.54   1939.28    796.65    29.7300101600
8                        1175.98   2726.98   1107.67    32.8300101700
8                        1176.36   3833.81   1405.47    34.0800101800
8                        1176.86   5390.90   1811.42    34.8700101900
8                        1177.50   7579.96   2462.12    36.2600102000
9 ENDTBL                                                 00102100
2 XSECTN     17          1.00                            00102200
8                        1179.50      0.0       0.0       0.0 00102300
8                        1180.81     63.58     30.26      .0000102400
8                        1181.09     89.27     38.26      .0000102500
8                        1181.45    125.37     49.74      .0000102600
8                        1181.80    176.32     61.28      .0000102700
8                        1182.30    248.03     79.07      .0000102800
8                        1182.65    348.39     91.94      .0000102900
8                        1183.36    490.19    118.09      .0000103000
8                        1184.14    689.06    148.02      .0000103100
8                        1184.94    968.66    179.14      .0000103200
8                        1185.00    994.51    181.54      .0000103300
8                        1185.87   1361.89    240.02     2.1800103400
8                        1186.00   1435.20    255.57     2.9300103500
8                        1186.86   1915.21    394.66     7.8500103600
8                        1187.65   2693.11    680.57    19.3000103700
8                        1188.14   3786.23   1015.08    25.1700103800
8                        1188.64   5324.00   1377.19    29.5800103900
8                        1189.12   7485.88   1750.16    30.0900104000
9 ENDTBL                                                 00104100
2 XSECTN     55          1.00                            00104200
8                        1187.70      0.0       0.0       0.0 00104300
8                        1188.89     62.25     34.36      .0000104400
8                        1189.11     88.12     44.08      .0000104500
8                        1189.26    123.73     49.36      .0000104600
8                        1189.68    174.02     64.83      .0000104700
8                        1190.16    244.79     82.83      .0000104800
8                        1190.54    344.04     97.61      .0000104900
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B			1191.30	483.79	127.96	.0000105000
B			1192.09	680.06	161.71	.0000105100
B			1192.96	956.00	202.25	.0000105200
B			1193.20	1056.72	213.73	.0000105300
B			1193.88	1344.10	373.57	10.0300105400
B			1194.20	1646.10	484.25	12.6500105500
B			1194.48	1890.19	613.74	14.7700105600
B			1194.95	2657.93	865.80	16.5500105700
B			1195.40	3736.76	1124.37	17.6800105800
B			1196.05	5254.43	1504.93	18.6300105900
B			1196.68	7388.07	1888.98	19.0000106000
?	ENDTBL					00106100
2	XSECTN	57	1.00			00106200
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B			1190.67	62.73	28.71	.0000106400
B			1190.94	88.12	37.01	.0000106500
B			1191.21	123.73	45.10	.0000106600
B			1191.53	174.02	55.43	.0000106700
B			1191.92	244.77	68.38	.0000106800
B			1192.36	344.04	84.04	.0000106900
B			1192.93	483.79	105.06	.0000107000
B			1193.10	535.14	111.54	.0000107100
B			1193.58	680.06	174.28	.2500107200
B			1194.25	956.00	346.79	.5300107300
B			1195.32	1344.10	878.12	.9600107400
B			1195.60	1686.90	1059.88	1.0300107500
B			1195.76	1890.19	1127.65	1.0800107600
B			1196.48	2657.93	1664.28	1.1200107700
B			1197.00	3736.76	2046.13	1.1900107800
B			1197.51	5254.43	2438.52	1.3000107900
B			1198.24	7388.07	3036.98	1.5300108000
?	ENDTBL					00108100
2	XSECTN	58	1.00			00108200
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B			1204.24	61.35	25.97	.0000108400
B			1204.46	86.16	34.39	.0000108500
B			1204.61	120.97	40.72	.0000108600
B			1204.92	170.14	54.33	.0000108700
B			1205.08	239.32	61.85	.0000108800
B			1205.39	336.36	88.21	.0000108900
B			1205.70	377.56	95.38	.0000109000
B			1205.93	472.99	112.30	.3100109100
B			1206.37	664.88	147.40	1.0000109200
B			1206.84	934.67	206.71	2.3800109300
B			1207.33	1314.10	299.43	3.8000109400
B			1207.83	1848.01	421.69	4.7700109500
B			1208.33	2598.61	581.27	5.4700109600
B			1208.96	3653.38	754.65	6.2400109700
B			1209.58	5137.18	958.78	6.9900109800
B			1210.36	7223.21	1251.69	7.9300109900
?	ENDTBL					00110000
2	XSECTN	158	1.00			00110100
B			1205.90	0.0	0.0	0.0 00110200
B			1206.66	61.35	24.64	.0000110300
B			1206.82	86.16	31.14	.0000110400
B			1207.06	120.97	40.96	.0000110500
B			1207.33	170.14	52.91	.0000110600
B			1207.72	239.32	70.35	.0000110700
B			1208.03	336.36	85.06	.0000110800
B			1208.53	472.99	110.65	.0000110900
B			1209.07	664.88	139.36	.0000111000
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B			1210.80	1314.10	245.30	.0000111200

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8                      1212.04     1848.01      334.49        .0000111300
8                      1212.60     2135.74      379.17        .0000111400
8                      1213.55     2598.61      477.32        .0000111500
8                      1215.62     3653.38      851.14        .0000111600
8                      1219.42     5137.18     2041.85        .0000111700
8                      1222.97     [illegible] 3641.88        .0000111800
9 ENDTBL                                                        00111900
2 XSECTN      59       1.00                                     00112000
8                      1212.40        0.0         0.0      0.0 00112100
8                      1213.68       61.02       35.35        .0000112200
8                      1213.81       85.87       37.71        .0000112300
8                      1214.18      120.31       52.46        .0000112400
8                      1214.51      169.21       64.14        .0000112500
8                      1214.89      238.02       72.72        .0000112600
8                      1214.90      239.78       78.07        .0000112700
8                      1215.38      334.53       96.04        .0900112800
8                      1215.96      470.42      119.52        .1900112900
8                      1216.63      661.26      140.63        .3200113000
8                      1217.53      929.58      194.99        .6100113100
8                      1218.49     1306.95      261.58       1.6300113200
8                      1219.45     1837.95      367.00       3.0100113300
8                      1220.63     2584.47      559.35       4.7700113400
8                      1221.88     3635.49      837.06       6.6500113500
8                      1223.82     5109.22     1402.93       9.1000113600
8                      1225.99     7183.89     2191.41      11.1700113700
9 ENDTBL                                                        00113800
2 XSECTN      60       1.00                                     00113900
8                      1216.10        0.0         0.0      0.0 00114000
8                      1217.70       60.43       46.24        .0000114100
8                      1217.89       84.85       54.36        .0000114200
8                      1218.33      119.14       73.49        .0000114300
8                      1218.56      167.56       83.53        .0000114400
8                      1219.10      231.79      107.56        .0000114500
8                      1219.13      235.70      109.07        .0000114600
8                      1219.57      331.27      129.36        .0100114700
8                      1220.36      465.64      167.20        .0900114800
8                      1221.15      654.83      207.54        .1700114900
8                      1222.12      920.53      260.03        .2700115000
8                      1223.26     1294.23      325.98        .3900115100
8                      1224.41     1820.07      399.14        .7300115200
8                      1225.89     2559.33      540.59       3.9800115300
8                      1227.19     3598.14      803.25       8.3000115400
8                      1228.73     5059.51     1235.25      10.4700115500
8                      1230.51     7114.00     1826.42      12.9100115600
9 ENDTBL                                                        00115700
2 XSECTN      61       1.00                                     00115800
8                      1040.80        0.0         0.0      0.0 00115900
8                      1043.15       89.66       57.77        .0000116000
8                      1043.60      125.90       73.10        .0000116100
8                      1044.15      176.77       92.60        .0000116200
8                      1044.88      248.62      118.82        .0000116300
8                      1045.68      349.72      149.50        .0000116400
8                      1046.64      491.52      187.66        .0000116500
8                      1047.83      691.10      237.10        .0000116600
8                      1049.10      971.60      273.77        .0000116700
8                      1050.20     1341.82      355.96        .0000116800
8                      1050.27     1365.83      361.28        .0000116900
8                      1051.46     1920.30      547.77        .0000117000
8                      1052.81     2700.50     1161.82        .0000117100
8                      1054.39     3797.36     2415.81        .0000117200
8                      1056.39     5338.69     4039.70        .0000117300
8                      1058.65     7506.97     5881.17        .0000117400
8                      1062.31    10555.29     8893.13        .0000117500
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9	ENDTBL					00117600
2	XSECTN	63	1.00			00117700
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8			1045.00	89.66	96.47	.0000117900
8			1045.19	125.90	103.79	.0000118000
8			1045.46	176.77	143.00	.0000118100
8			1045.96	248.62	133.17	.0000118200
8			1046.56	349.72	156.73	.0000118300
8			1047.35	491.52	189.78	.0000118400
8			1048.39	691.18	235.34	.0000118500
8			1048.99	771.80	270.84	.0000118600
8			1049.60	973.46	297.18	.0000118700
8			1050.79	1365.83	531.72	.5400118800
8			1052.06	1920.30	1063.00	.7700118900
8			1053.22	2700.50	1628.74	.8300119000
8			1054.72	3797.36	2398.36	.8800119100
8			1057.28	5338.69	3810.29	.9700119200
8			1060.34	7506.87	5684.54	1.0700119300
8			1063.35	10555.29	7630.24	1.1700119400
9	ENDTBL					00119500
2	XSECTN	18	1.00			00119600
8			1047.80	0.0	0.0	0.0 00119700
8			1050.49	89.10	51.80	.0000119800
8			1050.86	125.12	64.24	.0000119900
8			1051.28	175.67	79.51	.0000120000
8			1051.86	247.08	102.07	.0000120100
8			1052.48	347.55	127.58	.0000120200
8			1053.23	488.47	161.51	.0000120300
8			1054.16	686.89	207.03	.0000120400
8			1054.80	884.99	241.32	.0000120500
8			1055.06	965.57	261.64	.6900120600
8			1055.96	1357.36	438.66	10.1300120700
8			1056.76	1908.39	742.62	17.6200120800
8			1057.62	2683.75	1224.67	24.4000120900
8			1058.40	3773.80	1888.28	41.5900121000
8			1059.62	5305.57	3324.67	52.4900121100
8			1061.30	7460.40	5530.96	53.8000121200
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9	ENDTBL					00121400
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8			1055.04	88.70	70.49	.0000121700
8			1055.45	124.56	88.90	.0000121800
8			1055.76	174.89	102.81	.0000121900
8			1056.37	245.97	130.82	.0000122000
8			1057.16	346.00	165.83	.0000122100
8			1057.89	486.28	205.44	.0000122200
8			1058.40	597.82	231.70	.0000122300
8			1058.79	683.82	262.12	1.7300122400
8			1059.30	813.40	306.15	2.8900122500
8			1059.88	961.25	374.13	4.2200122600
8			1060.84	1351.28	508.90	7.4700122700
8			1061.67	1899.84	740.19	18.3400122800
8			1062.61	2671.74	1127.28	28.5800122900
8			1063.60	3756.91	1888.67	39.3400123000
8			1064.61	5281.82	2387.86	43.8500123100
8			1065.67	7427.01	3161.36	44.8800123200
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9	ENDTBL					00123400
2	XSECTN	19	1.00			00123500
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8			1068.12	88.36	44.02	.0000123700
8			1068.27	124.08	49.21	.0000123800

		1068.63	174.22	61.61	.0000123900
		1069.24	245.03	83.04	.0000124000
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		1071.28	681.20	159.34	.0000124300
		1072.35	967.56	208.06	.0000124400
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		1073.54	1346.10	256.22	.6600124600
		1074.53	1892.56	413.34	10.6200124700
		1075.45	2661.49	787.57	27.5300124800
		1076.20	3742.51	1250.57	35.5600124900
		1076.88	5261.57	1777.69	41.8600125000
		1077.63	7398.54	2421.23	46.5700125100
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	XSECTN 65	1.00			00125400
		1073.80	0.0	0.0	0.0 00125500
		1075.52	86.49	29.27	.0000125600
		1075.83	122.18	47.53	.0000125700
		1076.29	171.52	60.31	.0000125800
		1076.83	241.23	75.93	.0000125900
		1077.38	339.53	92.90	.0000126000
		1078.21	476.91	121.38	.0000126100
		1078.50	544.14	132.10	.0000126200
		1079.04	670.64	220.97	5.4400126300
		1079.69	942.72	452.12	13.1400126400
		1079.70	951.70	439.02	13.3300126500
		1080.28	1325.23	749.73	20.9500126600
		1080.70	1863.22	1070.45	23.7100126700
		1081.12	2620.23	1413.79	26.3000126800
		1081.67	3684.49	1908.79	28.9600126900
		1082.36	5180.00	2591.43	31.4200127000
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		1083.70	10241.55	4036.59	34.8900127200
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	XSECTN 20	1.00			00127400
		1080.20	0.0	0.0	0.0 00127500
		1083.19	86.54	41.01	.0000127600
		1083.56	121.93	50.62	.0000127700
		1084.06	170.63	65.27	.0000127800
		1084.52	239.99	79.60	.0000127900
		1085.26	337.59	107.63	.0000128000
		1086.00	446.82	155.33	.0000128100
		1086.19	474.46	173.64	3.1000128200
		1086.81	667.19	305.37	12.0100128300
		1087.66	926.05	384.52	17.4000128400
		1087.21	937.88	471.65	22.7100128500
		1087.63	1318.43	777.04	34.9200128600
		1087.91	1853.66	1048.42	43.4300128700
		1088.30	2606.70	1478.18	54.3700128800
		1088.87	3653.58	2022.92	61.8700128900
		1088.93	5153.41	2405.24	67.1300129000
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		1092.65	86.34	30.05	.0000129600
		1093.00	121.25	35.10	.0000129700
		1093.47	170.23	46.63	.0000129800
		1093.92	239.43	59.94	.0000129900
		1094.55	336.79	76.71	.0000130000
		1095.27	473.33	97.37	.0000130100

8		1096.09	665.63	124.31	.0000130200	
8		1096.84	935.67	156.96	.0000130300	
8		1097.00	1029.24	164.72	.0000130400	
8		1097.50	1315.33	334.45	8.0900130500	
8		1098.07	1849.30	576.57	11.0900130600	
8		1098.59	2600.65	1063.99	11.4300130700	
8		1099.13	3656.96	1063.97	11.7700130800	
8		1099.76	5141.30	1360.42	12.2000130900	
8		1100.49	7229.41	1724.17	12.6800131000	
8		1101.35	10165.02	2166.13	13.2100131100	
9	ENDTBL				00131200	
2	XSECTN 67	1.00			00131300	
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8		1094.48	85.89	48.62	.0000131500	
8		1094.97	120.61	69.10	.0000131600	
8		1095.52	169.35	111.21	.0000131700	
8		1096.09	238.18	134.93	.0000131800	
8		1096.74	335.04	167.00	.0000131900	
8		1097.62	470.89	202.02	.0000132000	
8		1098.72	662.16	252.44	.0000132100	
8		1099.10	764.78	305.60	.0000132200	
8		1099.72	930.81	425.97	11.4600132300	
8		1100.33	1308.49	615.73	11.4700132400	
8		1101.12	1839.58	870.54	11.8100132500	
8		1101.76	2587.13	1079.22	12.1300132600	
8		1102.66	3637.94	1499.81	12.6700132700	
8		1103.55	5114.56	1873.75	13.4300132800	
8		1104.58	7191.82	2079.21	14.4800132900	
8		1105.83	10112.16	2565.27	15.0100133000	
9	ENDTBL				00133100	
2	XSECTN 69	1.00			00133200	
8		1091.90	0.0	0.0	0.0 00133300	
8		1094.62	85.89	57.06	.0000133400	
8		1095.11	120.61	71.10	.0000133500	
8		1095.67	169.35	80.61	.0000133600	
8		1096.28	238.18	108.61	.0000133700	
8		1096.96	335.04	132.51	.0000133800	
8		1097.84	470.89	166.97	.0000133900	
8		1098.10	514.89	176.29	.0000134000	
8		1098.97	662.16	239.90	.0800134100	
8		1100.00	930.81	395.04	.1800134200	
8		1100.60	1308.49	549.82	.2400134300	
8		1101.53	1839.58	797.45	.3300134400	
8		1102.31	2587.13	1067.85	.3700134500	
8		1103.44	3637.94	1491.59	.4000134600	
8		1104.70	5114.56	1991.33	.4200134700	
8		1106.28	7191.82	2657.43	.4700134800	
8		1108.66	10112.16	3784.30	.5100134900	
9	ENDTBL				00135000	
2	XSECTN 21	1.00			00135100	
8		1097.50	0.0	0.0	0.0 00135200	
8		1099.47	85.54	44.45	.0000135300	
8		1099.86	120.13	55.44	.0000135400	
8		1100.20	168.46	66.52	.0000135500	
8		1100.78	237.21	82.86	.0000135600	
8		1101.46	333.68	103.79	.0000135700	
8		1102.40	468.98	136.42	.0000135800	
8		1102.80	481.58	141.28	.0000135900	
8		1103.00	604.47	165.67	2.0800136000	
8		1103.24	659.48	199.24	2.9300136100	
8		1104.06	927.03	371.41	10.5400136200	
8		1104.64	1303.10	553.75	16.2600136300	
8		1105.04	1832.23	802.28	17.5100136400	

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8                               1105.62    2576.64    1227.92        18.5200136500
8                               1106.35    3623.20    1690.68        19.4100136600
8                               1107.27    5093.83    2290.71        19.9900136700
8                               1108.43    7162.67    3061.89        20.5400136800
8                               1110.13   10071.18    4239.46        21.3400136900
9 ENDTBL                                                                00137000
2 XSECTN      22                1.00                                    00137100
8                               1110.00       0.0        0.0          0.0 00137200
8                               1111.75      75.42      41.01          .0000137300
8                               1112.11     105.90      61.44          .0000137400
8                               1112.53     148.67      83.81          .0000137500
8                               1112.93     209.13      75.91          .0000137600
8                               1113.70     294.18      99.75          .0000137700
8                               1114.40     413.48     [illegible]     .0000137800
8                               1115.00     537.03     148.53          .0000137900
8                               1115.21     581.40     157.63         2.0000138000
8                               1116.00     791.81     220.63         6.1600138100
8                               1116.10     817.27     230.86         6.6600138200
8                               1116.91    1148.87     387.75        18.5500138300
8                               1117.56    1615.29     638.53        33.2100138400
8                               1118.03    2271.58     872.63        44.0800138500
8                               1118.61    3194.22    1195.94        44.9500138600
8                               1119.20    4490.75    [illegible]    45.7500138700
8                               1119.82    6314.63    1879.49        46.3600138800
8                               1120.83    8878.77    2464.29        47.3800138900
9 ENDTBL                                                                00139000
3 STRUCT      11                                                        00139100
8                       1175.5        0.        73.4                    00139200
9 ENDTBL                                                                00139300
3 STRUCT      01                                                        00139400
8                       1283.5        0.        0.                      00139500
9 ENDTBL                                                                00139600
6 RUNOFF 1      01      6 15.56       71.0      4.81                    00139700
6 RESVOR 2      01  6   7 1283.5                                      1 00139800
6 REACH  3 053      7   5 14260.                                        00139900
6 RUNOFF 1 053          6 2.26        71.0      1.62                    00140000
6 ADDHYD 4 053    5 6 7                                               1 00140100
6 SAVMOV 5 053      7   5                                               00140200
6 RUNOFF 1 052          6 2.34        71.0      2.31                    00140300
6 ADDHYD 4 052    5 6 7                                               1 00140400
6 REACH  3 051      7   5 2500.                                         00140500
6 RUNOFF 1 051          6 3.50        71.0      2.62                    00140600
6 ADDHYD 4 051    5 6 7                                               1 00140700
6 REACH  3 012      7   5 16360.                                      1 00140800
6 RUNOFF 1 046          6 7.86        68.       2.7                     00140900
6 ADDHYD 4 046    5 6 7                                               1 00141000
6 REACH  3 045      7   5 6160.                                       1 00141100
6 RUNOFF 1 045          6 2.37        68.       1.9                     00141200
6 ADDHYD 4 043    5 6 7                                               1 00141300
6 SAVMOV 5 043      7   1                                               00141400
6 RUNOFF 1      11      6 26.81       71.       3.36                    00141500
6 RESVOR 2      11  6   7 1175.5                                      1 00141600
6 REACH  3 022      7   6 12200.                                      1 00141700
6 REACH  3 065      6   5 15890.                                      1 00142000
6 RUNOFF 1 065          6 2.04        78.       2.2                     00142100
6 ADDHYD 4 061    5 6 7                                               1 00142200
6 SAVMOV 5 061      7   5                                               00142300
6 SAVMOV 5 043      1   6                                               00142400
6 ADDHYD 4 143    5 6 7                                               1 00142500
6 REACH  3 006      7   5 23690.                                      1 00142600
6 RUNOFF 1 006          6 5.63        73.       3.2                     00142700
6 ADDHYD 4 031    5 6 7                                               1 00142800
6 REACH  3 001      7   5 10800.                                        00142900
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  6 RUNOFF 1 001          6 7.8          73.           3.9                                00143000
  6 ADDHYD 4 001     5 6 7                                                             1  00143100
  6 REACH  3 023     7    5  4200.                                                     1  00143110
  6 SAVMOV 5 023     5    7                                                               00143120
    ENDATA                                                                                00143200
  7 LIST                                                                                  00143300
  7 INCREM 6              .5                                                              00143400
  7 COMPUT 7     01 023   0.             10.           1.               7 2  01  01   00143450
    ENDCMP 1                                                                              00143460
  7 COMPUT 7     01 023   0.             7.1           1.               7 2  01  02   00143500
    ENDCMP 1                                                                              00143600
  7 COMPUT 7     01 023   0.             6.1           1.               7 2  01  03   00143700
    ENDCMP 1                                                                              00143800
  7 COMPUT 7     01 023   0.             4.2           1.               7 2  01  04   00144100
    ENDCMP 1                                                                              00144200
    ENDJOB 2                                                                              00145100
PEAKS       61    53   60     15.85     59    16.08     58    16.21                     00145200
                       57     16.76     55    16.76     17    17.02                     00145300
                       54     17.41     16    17.64                                       00145400
END TABLE                                                                                 00145500
PEAKS       51    46   15     23.86     50    24.46     14    24.46                     00145600
                       49     24.85     13    24.98     48    25.50                     00145700
                       12     25.55     47    25.60     11    25.81                     00145800
END TABLE                                                                                 00145900
PEAKS       46    43   10     31.62     45    33.76      9    33.84                     00146000
                       44     33.89                                                       00146100
END TABLE                                                                                 00146200
PEAKS      143    31   41     62.82     40    63.80     39    64.19                     00146300
                        8     64.27     38    64.50     37    65.68                     00146400
                       35     65.68      7    65.94     34    66.25                     00146500
                        6     66.53     33    68.29      5    68.34                     00146600
                       32     68.45                                                       00146700
END TABLE                                                                                 00146800
PEAKS       31    23    4     71.67      3    71.95     76    74.48                     00146900
                       74     74.48     30    74.85     28    74.85                     00147000
                        2     75.47     27    75.63      1    75.80                     00147100
                       26     76.13     24    76.13     73    76.22                     00147200
                       71     76.25                                                       00147210
END TABLE                                                                                 00147300
PEAKS      -11    22   24     21.40                                                       00147400
END TABLE                                                                                 00147500
PEAKS       22    61   21     26.82     69    26.99     67    26.99                     00147600
                       66     27.21     20    27.31     65    27.53                     00147700
                       19     28.21     64    28.38     18    28.58                     00147800
                       63     28.86     61    28.86                                       00147900
END TABLE                                                                                 00148000
END JOB                                                                                   00148100
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