```
//RMAKS2 JOB RTI,A25,P03078,MAK,N=1,T=2,P=200,PRTY=0
//*PROCLIB=RTI.MG.PROCLIB
//SYSIN DD *
T1      SPENCER-ROWAN CO.  BASIN E "STRM 2S     WALTON BRANCH
T2      FLOODPLAIN  STUDY  AT  ROWAN & DAVIDSON  COUNTIES  M-G JOB  NO.  6918
T3      10 YEAR FLOOD WATER SURFACE PROFILE
J1    -1       2                  0.0195                              650
J2     0              -1
J3    38       39       40       41       43       42       1        2       26       53
J3    54       25       50        0      201
J5   -10
NC 0.055   0.055   0.035     0.1      0.3
QT     5      235      447      562      849      562
ET     5        0        0        0        0   -10.4
X1   275       11     1249     1266      275      275      275
GR 665.8     1000    659.1     1100    651.2     1200    650.5     1249    645.7     1251
GR 645.5     1256    645.8     1260    649.4     1266    650.5     1283    652.6     1300
GR 665.8     1369
QT     5      186      359      456      699      456
X1  1125       10     1157     1173      850      850      850              -2.9
GR 683.3     1000    667.5     1100    666.6     1124    666.5     1157    661.1     1162
GR 661.2     1168    666.3     1173    667.6     1200    668.0     1300    683.3     1360
X1  1175        0        0        0       50       50       50              0.6
NC 0.025   0.025   0.025     0.1      0.3
X1  1225       17     1265     1289       50       50       50
GR 687.1     1000    682.0     1100    680.0     1132    665.8     1222    664.9     1246
GR 665.8     1279    661.4     1285    659.7     1286    659.4     1287    659.7     1288
GR 661.4     1289    664.9     1322    666.3     1422    679.3     1475    681.5     1500
GR 686.8     1600    687.1     1618
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SB    0.9      1.5      2.5        0      4.0     0.01     12.6
X1   1296        0        0        0       71       71       71
X2                          1    663.4    671.8
BT     13     1000    687.1             1100    682.0             1200    675.7
BT   1285    672.0    661.4     1286    672.0    663.1     1287    672.0    663.4     1288
BT  672.0    663.1     1289    672.0    661.4     1300    671.8              1400    674.5
BT              1500    681.5             1600    686.8             1610    687.1
NC  0.055    0.055    0.035      0.1      0.3
X1   1346       10     1157     1173       50       50       50              -0.6
GR  683.3     1000    667.5     1100    666.6     1124    666.5     1157    661.1     1162
GR  661.2     1160    666.3     1173    667.6     1200    668.0     1300    683.3     1360
X1   1396        0        0        0       50       50       50               0.6
QT      5      104      213      279      450      279
X1   2365        9     1125     1133      969      969      969              -9.7
GR  704.6     1000    688.8     1100    686.1     1125    683.9     1127    683.9     1129
GR  687.2     1133    690.8     1200    701.9     1300    704.6     1334
X1   2415        0        0        0       50       50       50               1.6
NC  0.025    0.025    0.025      0.1      0.3
X1   2465       18     1434     1436       50       50       50
GR  700.1     1000    695.7     1080    695.3     1100    690.1     1200    688.9     1300
GR  684.9     1392    682.3     1407    679.6     1432    678.4     1434    677.6  1434.5
GR  677.4     1435    677.6  1435.5     678.4     1436    680.7     1440    684.3     1507
GR  690.7     1567    692.2     1600    700.1     1692
SB    0.9      1.5      2.5        0      2.0     0.01      3.1
X1   2554        0        0        0       89       89       89
X2                          1    679.4    685.0
BT     14     1000    700.1             1080    695.7             1100    695.3
BT   1200    690.1             1300    685.9             1400    685.0              1434
BT  685.7    679.4    1434.5  685.7    679.2     1435    685.7    679.4  1435.5    665.7
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BT 679.2    1436   685.7   678.4    1500   687.7          1600   692.2
BT 1692     700.1
NC 0.055    0.055  0.035    0.1     0.3
X1  2604       9   1125     1133     50     50     50            -1.6
GR 704.6    1000   688.8    1100   686.1    1125   683.9   1127   683.9   1129
GR 687.2    1133   690.8    1200   701.9    1300   704.6   1334
X1  2654       0      0       0     50     50     50            1.6
QT     5      81    170     224     370    224
X1  2960      10   1155     1160     291    291    291           -10.1
GR 722.0    1000   711.4    1050   706.7    1125   703.3   1155   702.1   1157
GR 702.1    1158   704.5    1160   710.4    1200   716.8   1300   722.0   1385
X1  3010       0      0       0     50     50     50            3.3
NC 0.025    0.025  0.025    0.1     0.3
X1  3060      16   1244.7   1247.3   50     50     50
GR 723.3    1000   716.2    1100   708.1    1138   703.4   1213   700.1   1244.7
GR 699.3    1245   698.6    1246   699.3    1247   700.1   1247.3 701.2   1248
GR 707.1    1280   710.0    1332   713.1    1400   717.4   1500   722.0   1600
GR 723.3    1635
SB   0.9     1.5    2.5       0     2.5    0.01     4.9
X1  3120       0      0       0     60     60     60
X2                    1    701.3   707.6
BT    13    1000   723.3           1100   716.2          1200   709.0
BT1244.7    707.6  700.1    1245   707.6   700.8   1246   707.6   701.3   1247
BT 707.6    700.2  1247.3   707.6  700.1    1300   708.5          1400   713.1
BT          1500   717.4           1600   722.0          1635   723.3
NC 0.055    0.055  0.035    0.1     0.3
X1  3170      10   1155     1160     50     50     50
GR 722.0    1000   711.4    1050   706.7    1125   703.3   1155   702.1   1157
GR 702.1    1158   704.5    1160   710.4    1200   716.8   1300   722.0   1385
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NC  3220       1       0       0      50      50      50              0.2
X1  3260       0       0       0      40      40      40              0.2
X1  3310       0       0       0      50      50      50              0.1
NC 0.025   0.025   0.025     0.1     0.3
X1  3360      10  1144.4  1145.6      50      50      50
GR 724.5    1000   724.0    1005   717.2    1037   712.5    1112   709.1    1142
GR 708.5  1144.8   709.0  1144.7   707.9    1145   708.0  1145.3   708.5  1145.6
GR 710.3    1147   713.2    1167   715.1    1200   720.0    1300   724.5    1344
SB   0.9     2.5     2.5       0     1.3    0.01     1.3
X1  3512       0       0       0     152     152     152
X2              1   709.2   711.7
BT    11    1000   724.5          1100   715.4          1144.4   711.7   708.5
BT1144.7   711.7   709.1    1145   711.7   709.2  1145.3   711.7   709.1  1145.6
BT 711.7   708.5    1153   712.3          1200   715.1            1300   720.0
BT          1344   724.5
NC 0.055   0.055   0.035     0.1     0.3
X1  3562      10    1155    1160      50      50      50              6.0
GR 722.0    1000   711.4    1050   706.7    1125   703.3    1155   702.1    1157
GR 702.1    1158   704.5    1160   710.4    1200   716.8    1300   722.0    1385
X1  3612       0       0       0      50      50      50              0.2
EJ
T1      SPENCER-ROWAN CO.  BASIN C  STRM 2S     WALTON BRANCH
T2      FLOODPLAIN  STUDY  AT  ROWAN & DAVIDSON  COUNTIES  M-G JOB  NO.  6918
T3      50 YEAR FLOOD WATER SURFACE PROFILE
J1   -10       3                    0.0195                          651
J2     2              -1
T1      SPENCER-ROWAN CO.  BASIN C  STRM 2S     WALTON BRANCH
T2      FLOODPLAIN  STUDY  AT  ROWAN & DAVIDSON  COUNTIES  M-G JOB  NO.  6918
T3      100 YEAR FLOOD WATER SURFACE PROFILE
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J1   -10      4                    0.0195                              652
J2     3              -1
T1       SPENCER-ROWAN CO.  BASIN E  STRM 2S     WALTON BRANCH
T2       FLOODPLAIN  STUDY  AT  ROWAN & DAVIDSON  COUNTIES  M-G JOB  NO.  6918
T3       500 YEAR FLOOD WATER SURFACE PROFILE
J1   -10      5                    0.0195                              653
J2    15              -1
EJ



ER
/*EOF
SKIP
//RMAKS1 JOB RTI,A25,P03078,MAK,M=1,T=2,P=100,PRTY=0
//*PROCLIB=RTI.MG.PROCLIB
//SYSIN DD *
T1       SPENCER-ROWAN CO.   BASIN E  STREAM 1A-1S  ROWAN AVE. PARK STREAM
T2       FLOODPLAIN  STUDY  AT  ROWAN & DAVIDSON  COUNTIES  M-G JOB  NO.  6918
T3       10 YEAR FLOOD WATER SURFACE PROFILE
J1     -1       2                  0.004                               628
J2      0              -1
J3     38       39       40       41       43       42       1        2       26       53
J3     54       25       50        0      201
J5    -10
JC 0.055    0.055    0.035      0.1      0.3
JT      5      493      863     1046     1482     1046
ET      5        0        0        0        0    -10.4
X1   3000       35     3675     3693     3900     3000     3000
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GR	674.4	1000	639.0	1100	632.7	1200	630.2	1251	629.7	1300
GR	629.5	1400	629.9	1500	628.3	1600	626.0	1672	628.4	1731
GR	627.5	1800	627.1	2000	626.9	2200	625.7	2400	625.5	2600
GR	626.4	2643	623.3	2652	623.1	2673	625.4	2686	625.1	2700
GR	624.9	2800	625.4	3000	625.7	3200	624.1	3400	624.2	3600
GR	624.3	3675	623.3	3678	623.0	3683	623.4	3688	624.4	3693
GR	624.6	3700	624.6	3900	626.0	4100	629.5	4137	645.7	4188
QT	5	330	600	741	1063	741				
X1	4800	12	1174	1191	1800	1800	1800			
GR	651.6	1000	641.7	1100	635.7	1136	635.5	1174	631.4	1176
GR	631.0	1181	631.3	1186	636.2	1191	635.1	1300	635.5	1336
GR	644.4	1400	651.6	1456						
QT	5	327	593	731	1068	731				
X1	4920	11	1271	1284	120	120	120		-2.2	
GR	654.9	1000	639.1	1100	638.3	1200	639.4	1271	634.8	1273
GR	634.9	1276	635.3	1279	638.2	1284	638.7	1293	651.1	1340
GR	654.9	1362								
X1	4970	0	0	0	50	50	50		0.3	
NC	0.025	0.025	0.025	0.1	0.3					
X1	5020	19	1315.7	1320.2	50	50	50			
GR	655.7	1000	651.0	1064	638.5	1142	637.7	1242	638.8	1313
GR	636.6	1315.7	635.5	1316	634.5	1317	634.3	1318	634.5	1319
GR	635.5	1320	636.6	1320.2	637.6	1326	638.1	1335	641.8	1349
GR	643.8	1400	649.4	1500	654.0	1600	655.7	1632		
SB	0.9	1.5	2.5	0	4.5	0.01	15.9			
X1	5062	0	0	0	42	42	42			
X2			1	638.3	640.1					
BT	15	1000	655.7		1100	640.6		1200	641.3	
BT	1300	640.1		1315.7	640.5	636.6	1316	640.5	637.6	1317

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BT 640.5   638.6   1318   640.5   638.8   1319   640.5   638.6   1320   640.5
BT 637.6   1320.2  640.5  636.6   1400    643.8          1500    649.4
BT 1600    654.9           1032    655.7
NC 0.055   0.055   0.035   0.1     0.3
X1 5112      11    1271   1284     50      50      50             -0.3
GR 654.9   1000    639.1  1100    638.3   1200    639.4  1271    634.8  1273
GR 634.9   1276    635.3  1279    638.2   1204    638.7  1293    651.1  1340
GR 654.9   1362
X1 5162       0       0      0     50      50      50             0.3
QT    5     309     562    695    1020     695
X1 7021      13    1237   1264    1859    1859    1859
GR 675.4   1000    665.0  1100    657.9   1166    657.6  1237    652.9  1244
GR 652.0   1248    653.0  1252    658.8   1264    659.6  1300    667.8  1369
GR 669.9   1400    674.2  1500    675.4   1527
X1 7071       0       0      0     50      50      50             0.3
NC 0.025   0.025   0.025   0.1     0.3
X1 7121      16   1242.5 1251.5     50      50      50
GR 679.4   1000    666.7  1099    659.6   1165    659.3  1236    656.7  1242.5
GR 653.7   1242.5  653.7  1251.5  656.7   1251.5  660.5  1263    661.3  1299
GR 662.6   1309    665.7  1400    670.9   1500    675.4  1600    678.5  1700
GR 679.4   1738
SB   0.9     1.5     2.5      0     9.0    0.01    54.0
X1 7178       0       0      0     57      57      57
X2                     1   669.7   661.7
BT    12   1000    679.4           1100    669.3          1150    664.9
BT  1200   669.4           1242.5  661.7   659.7  1251.5  661.7  659.7  1300
BT 662.1           1400    665.7          1500    670.9          1600   675.4
BT          1700   678.4           1738    679.4
NC 0.055   0.055   0.035   0.1     0.3
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X1   7228      13      1237    1264      50      50      50      2.0
GR  675.4    1000     665.0    1100    657.9    1166    657.6    1237    652.9    1244
GR  652.0    1240     553.0    1252    656.8    1264    659.5    1300    667.8    1368
GR  669.9    1400     674.2    1500    675.4    1527
X1   7278       0         0       0      50      50      50       0.2
QT      5     214       399     501     753     501
X1   8175      13      1166    1186     963     963     963
GR  6663    1000     680.4    1045    670.2    1082    668.5    1100    669.0    1166
GR  664.2    1172     663.9    1174    663.9    1176    670.1    1186    669.9    1200
GR  675.9    1300     683.2    1400    686.3    1424
X1   8225       0         0       0      50      50      50       0.6
NC  0.025   0.025    0.025     0.1     0.3
X1   8275      21      1348    1352      50      50      50
GR  689.0    1000     683.1    1100    677.4    1200    675.1    1246    671.9    1258
GR  670.2    1276     670.7    1342    667.6    1348    665.9    1349    665.6    1350
GR  665.9    1351     667.6    1352    671.8    1362    671.6    1376    672.6    1395
GR  672.7    1400     676.3    1500    681.3    1600    685.5    1700    688.7    1800
GR  689.0    1814
SB    0.9     1.5      2.5       0       4.0    0.01      12.6
X1   8325       0         0       0      50      50      50
X2                      1     669.6    672.1
BT     15    1000     689.0              1100    683.1            1200    677.4
BT   1300    672.5              1348    672.1    667.6    1349    672.1    669.3    1350
BT  672.1    669.6     1351    672.1    669.3    1352    672.1    667.6    1400    672.7
BT             1500     676.3              1600    681.3            1700    685.5
BT   1800    688.7              1814    689.0
NC  0.055   0.055    0.035     0.1     0.3
X1   8375      13      1166    1186      50      50      50      2.2
GR  6663    1003     668.4    1045    670.2    1082    668.5    1100    669.0    1166
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GR 664.2    1172   663.9   1174   663.9   1176   670.1   1186   669.9   1200
GR 675.9    1300   683.2   1400   686.3   1424
X1  8425       0      0      0     50     50     50            0.5
GT     5     101    205    277    430    277
X1  8546      10   1089   1105    121    121    121
GR 691.9    1000   674.1   1023   673.6   1089   669.5   1092   669.4   1096
GR 669.4    1101   674.2   1105   675.7   1200   686.0   1300   691.9   1357
X1  8596       0      0      0     50     50     50            0.8
NC 0.025   0.025  0.025    0.1    0.3
X1  8646      16   1197   1205     50     50     50
GR 697.3    1000   686.6   1100   685.4   1114   675.9   1128   675.3   1194
GR 674.1    1197   671.1   1197   671.1   1205   674.1   1205   675.9   1210
GR 678.5    1305   683.0   1356   684.5   1400   688.6   1500   693.8   1600
GR 697.3    1653
SB   0.9     1.5    2.5      0    8.0   0.01     48.0
X1  8694       0      0      0     48     48     48
X2                    1  677.1  680.6
BT   10    1000   697.3         1100   686.6         1150   682.5
BT 1197   680.6  677.1   1205   680.6  677.1   1300  681.4         1400
BT 684.5          1500   688.6         1600   693.8         1653  697.3
BT    0
NC 0.055  0.055  0.035    0.1    0.3
X1  8744      10   1089   1105     50     50     50            2.5
GR 691.9    1000   674.1   1023   673.6   1089   669.5   1092   669.4   1096
GR 669.4    1101   674.2   1105   675.7   1200   686.0   1300   691.9   1357
X1  8794       0      0      0     50     50     50            0.8
GT     5      30     69     95    167     95
X1  8978       7   1195   1202    184    184    184           -15.3
GR 713.2    1000   704.7   1100   695.5   1195   693.1   1198   695.8   1202
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GR 706.7    1300   713.2    1376
X1 9028        0       0       0      50      50      50          2.4
NC 0.025   0.025   0.025     0.1     0.3
X1 9078       24    1520    1522      50      50      50
GR 713.2    1300   709.3    1100   705.6    1200   703.5    1308   702.1    1323
GR 693.6    1423   684.4    1518   683.0    1520   682.1  1520.5   682.0    1521
GR 682.1  1521.5   683.0    1522   684.7    1525   695.6    1623   697.0    1639
GR 696.6    1700   696.9    1800   698.5    1900   699.5    2000   702.7    2100
GR 704.3    2200   706.7    2300   710.2    2400   713.2    2472
SB   0.9     2.5     2.5       0     2.0    0.01     3.1
X1 9403       23    1520    1522     325     325     325
X2                     1   692.7   696.6
BT    21    1000   713.2            1100   709.3            1200   705.6
BT  1400   701.6            1422   700.6            1500   698.4            1520
BT 697.7   691.7  1520.5   697.7   692.6    1521   697.7   692.7  1521.5   697.7
BT 692.6    1522   697.7   691.7    1639   697.0            1700   696.6
BT  1800   696.9            1900   698.5            2000   699.5            2100
BT 702.7            2200   704.3            2300   706.7            2400   710.2
BT          2472   713.2
GR 713.2    1000   709.3    1100   705.6    1200   701.6    1400   700.6    1422
GR 700.0    1445   693.1    1518   691.7    1520   690.8  1520.5   690.7    1521
GR 690.8  1521.5   691.7    1522   693.4    1525   697.4    1562   696.6    1700
GR 696.9    1800   698.5    1900   699.5    2000   702.7    2100   704.3    2200
GR 706.7    2300   710.2    2400   713.2    2472
JC 0.055   0.055   0.035     0.1     0.3
X1 9453        7    1195    1202      50      50      50
GR 713.2    1000   704.7    1100   695.5    1195   693.1    1198   695.8    1202
GR 706.7    1300   713.2    1376
X1 9503        0       0       0      50      50      50          2.4
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