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 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977  
 ERROR CORR - 01  
 MODIFICATION - 50,51,52  
 \*\*\*\*\*

C  
 T1 DAVIDSON CO. BASIN D STREAM 1 FRYES CREEK  
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918  
 T3 10 YEAR FLOOD WATER SURFACE PROFILE

| J1 | ICHECK                              | IBC      | MINV     | IDIR     | STRT     | METRIC   | HVINS | Q     | WSEL    | FQ     |
|----|-------------------------------------|----------|----------|----------|----------|----------|-------|-------|---------|--------|
|    | -1.                                 | 2.       | 0.       | 0.       | 0.005000 | 0.0      | 0.0   | 0.    | 657.200 | 0.0    |
| J2 | DPROF                               | IDLOT    | PREVS    | XSECV    | XSECH    | FM       | ALLOC | IBW   | CHUM    | ITRACE |
|    | 0.0                                 | 0.0      | -1.000   | 0.0      | 0.0      | 0.0      | 0.0   | 0.0   | 0.0     | 0.0    |
| J3 | VARIABLE CODES FOR SUMMARY PRINTOUT |          |          |          |          |          |       |       |         |        |
|    | 33.000                              | 39.000   | 40.000   | 41.000   | 43.000   | 42.000   | 1.000 | 2.000 | 26.000  | 53.000 |
|    | 54.000                              | 55.000   | 50.000   | 0.0      | 201.000  | 0.0      | 0.0   | 0.0   | 0.0     | 0.0    |
| IC | 0.000                               | 0.000    | 0.000    | 0.100    | 0.300    | 0.0      | 0.0   | 0.0   | 0.0     | 0.0    |
| DT | 5.000                               | 1530.000 | 2570.000 | 3150.000 | 4900.000 | 3150.000 | 0.0   | 0.0   | 0.0     | 0.0    |
| ET | 5.000                               | 0.0      | 0.0      | 0.0      | 0.0      | -10.400  | 0.0   | 0.0   | 0.0     | 0.0    |

|    |          |          |          |          |          |          |          |          |         |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 2600.000 | 24.000   | 1277.000 | 1318.000 | 3600.000 | 3600.000 | 3600.000 | 0.0      | 0.0     | 0.0      |
| X2 | 702.600  | 1000.000 | 700.200  | 1050.000 | 693.000  | 1092.000 | 690.500  | 1150.000 | 689.000 | 1250.000 |
| X3 | 687.500  | 1277.000 | 678.300  | 1286.000 | 678.000  | 1296.000 | 678.400  | 1306.000 | 685.200 | 1318.000 |
| X4 | 685.000  | 1350.000 | 685.500  | 1400.000 | 685.200  | 1450.000 | 684.800  | 1500.000 | 683.500 | 1536.000 |
| X5 | 682.000  | 1512.000 | 681.700  | 1544.000 | 682.000  | 1546.000 | 683.400  | 1555.000 | 686.200 | 1600.000 |
| X6 | 686.200  | 1700.000 | 686.600  | 1719.000 | 687.500  | 1900.000 | 702.600  | 1968.000 | 0.0     | 0.0      |

|    |          |          |          |          |         |          |         |          |         |          |
|----|----------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 2700.000 | 19.000   | 1393.000 | 1421.500 | 100.000 | 100.000  | 100.000 | 0.0      | 0.0     | 0.0      |
| X2 | 705.600  | 1000.000 | 700.100  | 1100.000 | 697.800 | 1150.000 | 696.500 | 1171.000 | 693.800 | 1205.000 |
| X3 | 696.700  | 1350.000 | 679.000  | 1393.000 | 678.100 | 1396.700 | 678.200 | 1416.800 | 682.000 | 1418.300 |
| X4 | 685.100  | 1421.500 | 684.000  | 1592.000 | 684.000 | 1604.600 | 684.000 | 1616.500 | 684.000 | 1626.600 |
| X5 | 684.200  | 1631.000 | 689.100  | 1690.000 | 690.400 | 1750.000 | 698.000 | 2000.000 | 0.0     | 0.0      |
| X6 | 1.250    | 1.500    | 2.500    | 0.0      | 28.000  | 1.000    | 286.000 | 0.0      | 0.0     | 0.0      |

(3710) ROW: PCS 1520      EXLCEL 688.4      RDELV 690.5

|    |          |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 3710.000 | 0.0      | 0.0      | 0.0      | 19.000   | 19.000   | 19.000   | 0.0      | 0.0      | 0.0      |
| X2 | 0.0      | 0.0      | 1.000    | 688.400  | 689.000  | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| DT | 15.000   | 1000.000 | 705.600  | 0.0      | 1150.000 | 697.800  | 0.0      | 1250.000 | 693.400  | 0.0      |
| BT | 1392.000 | 690.500  | 0.0      | 1392.900 | 690.500  | 0.0      | 1393.000 | 690.500  | 688.400  | 1421.500 |
| BT | 690.500  | 688.400  | 1421.500 | 690.500  | 0.0      | 1600.900 | 689.200  | 0.0      | 1601.000 | 689.200  |
| BT | 0.0      | 1631.000 | 689.200  | 0.0      | 1631.100 | 689.200  | 0.0      | 1650.000 | 689.500  | 0.0      |
| BT | 1700.000 | 689.000  | 0.0      | 2000.000 | 698.000  | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |

|    |          |          |          |          |          |          |         |          |         |          |
|----|----------|----------|----------|----------|----------|----------|---------|----------|---------|----------|
| X1 | 3819.000 | 24.000   | 1277.000 | 1318.000 | 100.000  | 100.000  | 100.000 | 0.0      | 0.200   | 0.0      |
| GR | 702.600  | 1000.000 | 700.200  | 1050.000 | 693.000  | 1092.000 | 690.500 | 1150.000 | 689.000 | 1250.000 |
| GR | 637.500  | 1277.000 | 678.300  | 1286.000 | 678.000  | 1296.000 | 678.400 | 1306.000 | 686.200 | 1318.000 |
| GR | 685.800  | 1350.000 | 685.500  | 1400.000 | 685.200  | 1450.000 | 684.800 | 1500.000 | 683.500 | 1536.000 |
| GR | 682.000  | 1542.000 | 681.700  | 1544.000 | 682.000  | 1546.000 | 683.400 | 1555.000 | 686.200 | 1600.000 |
| GF | 686.300  | 1700.000 | 686.600  | 1719.000 | 697.800  | 1900.000 | 702.600 | 1968.000 | 0.0     | 0.0      |
| IC | 0.044    | 0.044    | 0.024    | 0.100    | 0.300    | 0.0      | 0.0     | 0.0      | 0.0     | 0.0      |
| IT | 5.000    | 1510.000 | 2530.000 | 3100.000 | 4800.000 | 3100.000 | 0.0     | 0.0      | 0.0     | 0.0      |

|    |          |          |          |          |          |          |          |          |         |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 6050.000 | 18.000   | 1349.000 | 1382.000 | 2231.000 | 2231.000 | 2231.000 | 0.0      | 0.0     | 0.0      |
| GR | 712.600  | 1000.000 | 700.300  | 1100.000 | 693.300  | 1250.000 | 692.900  | 1300.000 | 693.100 | 1349.000 |
| GR | 684.900  | 1353.000 | 684.300  | 1363.000 | 685.100  | 1374.000 | 693.700  | 1382.000 | 693.300 | 1400.000 |
| GR | 692.600  | 1450.000 | 692.500  | 1550.000 | 692.500  | 1572.000 | 698.400  | 1750.000 | 702.400 | 1850.000 |
| GR | 706.100  | 1950.000 | 709.200  | 2050.000 | 710.500  | 2083.000 | 0.0      | 0.0      | 0.0     | 0.0      |
| NC | 0.050    | 0.050    | 0.029    | 0.100    | 0.300    | 0.0      | 0.0      | 0.0      | 0.0     | 0.0      |
| IT | 5.000    | 1450.000 | 2470.000 | 3000.000 | 4650.000 | 3000.000 | 0.0      | 0.0      | 0.0     | 0.0      |

|    |          |          |          |          |          |          |          |          |         |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 2290.000 | 21.000   | 1156.000 | 1187.000 | 3240.000 | 3240.000 | 3240.000 | 0.0      | 0.0     | 0.0      |
| GR | 719.300  | 1000.000 | 717.000  | 1017.000 | 715.000  | 1021.000 | 714.700  | 1029.000 | 712.900 | 1033.000 |
| GR | 707.400  | 1108.000 | 703.500  | 1118.000 | 701.800  | 1156.000 | 695.900  | 1162.000 | 695.500 | 1172.000 |
| GR | 695.500  | 1192.000 | 702.000  | 1187.000 | 701.900  | 1200.000 | 701.400  | 1250.000 | 700.900 | 1300.000 |
| GR | 701.500  | 1350.000 | 703.500  | 1450.000 | 709.400  | 1550.000 | 710.700  | 1556.000 | 712.100 | 1573.000 |
| GF | 717.200  | 1599.000 | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0      |
| IC | 0.060    | 0.060    | 0.040    | 0.100    | 0.300    | 0.0      | 0.0      | 0.0      | 0.0     | 0.0      |
| IT | 5.000    | 1420.000 | 2600.000 | 2900.000 | 4430.000 | 2900.000 | 0.0      | 0.0      | 0.0     | 0.0      |

13386

|    |           |          |          |          |          |          |          |          |         |          |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 13136.000 | 19.000   | 1345.000 | 1390.000 | 3896.000 | 3896.000 | 3896.000 | 0.0      | 0.0     | 0.0      |
| GR | 739.500   | 1000.000 | 724.300  | 1100.000 | 714.100  | 1187.000 | 714.100  | 1200.000 | 713.600 | 1300.000 |
| GR | 713.200   | 1345.000 | 706.000  | 1360.000 | 705.000  | 1367.000 | 705.600  | 1374.000 | 713.900 | 1390.000 |
| GR | 713.700   | 1400.000 | 712.700  | 1450.000 | 712.400  | 1500.000 | 712.300  | 1550.000 | 713.200 | 1600.000 |
| GR | 717.000   | 1610.000 | 715.300  | 1700.000 | 723.300  | 1765.000 | 730.800  | 1921.000 | 0.0     | 0.0      |

4096

4096

4096

13486

|    |          |          |          |          |         |          |         |          |         |          |
|----|----------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 1524.000 | 20.000   | 1261.000 | 1360.500 | 100.000 | 100.000  | 100.000 | 0.0      | 0.0     | 0.0      |
| GR | 722.900  | 1000.000 | 722.500  | 1090.000 | 715.000 | 1250.000 | 721.700 | 1261.000 | 721.700 | 1265.800 |
| GR | 714.200  | 1268.000 | 717.700  | 1274.700 | 708.200 | 1281.800 | 706.700 | 1286.000 | 706.900 | 1311.000 |
| GR | 707.200  | 1318.000 | 714.200  | 1325.300 | 714.800 | 1336.000 | 716.300 | 1348.300 | 718.700 | 1356.100 |
| GR | 719.700  | 1360.000 | 714.700  | 1400.000 | 715.700 | 1600.000 | 715.600 | 1650.000 | 719.300 | 1784.000 |
| IC | 0.050    | 0.050    | 0.029    | 0.100    | 0.300   | 0.0      | 0.0     | 0.0      | 0.0     | 0.0      |
| IT | 1.000    | 1.000    | 2.000    | 0.0      | 25.000  | 3.000    | 734.800 | 1.900    | 0.0     | 0.0      |

(12500)

13514

NC 71.150

EXCEL 723.6

RELV 726.2

|    |           |          |          |          |          |          |          |          |          |          |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| IT | 13316.000 | 0.0      | 0.0      | 0.0      | 28.000   | 28.000   | 28.000   | 0.0      | 0.0      | 0.0      |
| IC | 0.0       | 0.0      | 1.000    | 723.600  | 723.700  | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| IT | 23.000    | 1000.000 | 201.000  | 0.0      | 1100.000 | 734.900  | 0.0      | 1200.000 | 729.100  | 0.0      |
| IT | 1260.000  | 726.200  | 0.0      | 1260.900 | 726.200  | 0.0      | 1261.000 | 726.200  | 723.600  | 1311.000 |
| IT | 724.400   | 721.700  | 1360.700 | 723.700  | 720.800  | 1362.000 | 723.700  | 720.300  | 1362.100 | 723.700  |
| IT | 0.0       | 1590.000 | 723.700  | 0.0      | 1750.000 | 723.700  | 0.0      | 1850.000 | 723.700  | 0.0      |
| IT | 1990.000  | 724.000  | 0.0      | 2000.000 | 724.500  | 0.0      | 2100.000 | 725.400  | 0.0      | 2400.000 |
| IT | 727.200   | 0.0      | 2600.000 | 728.300  | 0.0      | 2800.000 | 729.700  | 0.0      | 3000.000 | 731.200  |
| IT | 0.0       | 2200.000 | 732.700  | 0.0      | 5000.000 | 734.400  | 0.0      | 5520.000 | 736.600  | 0.0      |

13614

|    |           |          |          |          |          |          |         |          |         |          |
|----|-----------|----------|----------|----------|----------|----------|---------|----------|---------|----------|
| X1 | 13414.000 | 19.000   | 1345.000 | 1390.000 | 100.000  | 100.000  | 100.000 | 0.0      | 3.400   | 0.0      |
| GR | 730.500   | 1000.000 | 724.300  | 1100.000 | 714.100  | 1187.000 | 714.100 | 1200.000 | 713.600 | 1300.000 |
| GR | 713.200   | 1345.000 | 706.000  | 1360.000 | 705.000  | 1367.000 | 705.600 | 1374.000 | 713.900 | 1390.000 |
| GR | 713.700   | 1400.000 | 712.700  | 1450.000 | 712.400  | 1500.000 | 712.300 | 1550.000 | 713.200 | 1600.000 |
| GR | 713.000   | 1610.000 | 715.300  | 1700.000 | 723.300  | 1765.000 | 730.800 | 1921.000 | 0.0     | 0.0      |
| NC | 0.050     | 0.050    | 0.029    | 0.100    | 0.300    | 0.0      | 0.0     | 0.0      | 0.0     | 0.0      |
| IT | 5.000     | 1320.000 | 2250.000 | 2730.000 | 4150.000 | 2730.000 | 0.0     | 0.0      | 0.0     | 0.0      |

15691

|    |           |          |          |          |          |          |          |          |         |          |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 15490.000 | 20.000   | 1557.000 | 1592.000 | 2076.000 | 2076.000 | 2076.000 | 0.0      | 0.0     | 0.0      |
| GR | 739.900   | 1000.000 | 725.100  | 1062.000 | 724.400  | 1077.000 | 722.200  | 1034.000 | 723.800 | 1090.000 |
| GR | 717.400   | 1421.000 | 717.500  | 1450.000 | 719.500  | 1557.000 | 713.600  | 1564.000 | 713.400 | 1573.000 |
| GR | 713.100   | 1582.000 | 718.900  | 1592.000 | 718.800  | 1600.000 | 717.900  | 1650.000 | 718.300 | 1680.000 |
| GR | 727.200   | 1965.000 | 730.700  | 1984.000 | 730.900  | 2000.000 | 732.300  | 2050.000 | 735.500 | 2086.000 |
| MC | 0.060     | 0.260    | 0.040    | 0.100    | 0.300    | 0.0      | 0.0      | 0.0      | 0.0     | 0.0      |
| BT | 5.000     | 1300.000 | 2200.000 | 2700.000 | 4050.000 | 2700.000 | 0.0      | 0.0      | 0.0     | 0.0      |

17490

|    |           |          |          |          |          |          |          |          |         |          |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 17289.000 | 21.000   | 1665.000 | 1700.000 | 1799.000 | 1799.000 | 1799.000 | 0.0      | -2.200  | 0.0      |
| GR | 745.200   | 1000.000 | 734.300  | 1050.000 | 726.800  | 1213.000 | 726.900  | 1250.000 | 726.400 | 1300.000 |
| GR | 726.800   | 1350.000 | 726.700  | 1366.000 | 720.800  | 1379.000 | 721.300  | 1388.000 | 725.600 | 1397.000 |
| GR | 724.500   | 1550.000 | 724.500  | 1600.000 | 724.900  | 1650.000 | 725.200  | 1665.000 | 717.900 | 1679.000 |
| GR | 717.600   | 1685.000 | 718.100  | 1692.000 | 725.500  | 1700.000 | 725.000  | 1750.000 | 725.500 | 1763.000 |
| GR | 741.900   | 2100.000 | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0      |

17690

|    |           |          |          |          |         |          |         |          |         |          |
|----|-----------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 17439.000 | 20.000   | 1624.000 | 1663.000 | 200.000 | 200.000  | 200.000 | 0.0      | 0.0     | 0.0      |
| GR | 745.000   | 1000.000 | 742.600  | 1050.000 | 729.700 | 1200.000 | 726.200 | 1400.000 | 725.600 | 1550.000 |
| GR | 722.300   | 1623.000 | 722.300  | 1624.000 | 721.300 | 1627.800 | 718.800 | 1631.700 | 716.500 | 1637.000 |
| GR | 715.600   | 1651.000 | 721.100  | 1654.400 | 721.700 | 1657.000 | 724.400 | 1659.000 | 725.000 | 1663.000 |
| GR | 725.000   | 1664.000 | 726.000  | 1765.000 | 739.800 | 2100.000 | 741.900 | 2150.000 | 746.000 | 2231.000 |
| SB | 0.000     | 1.500    | 2.500    | 0.0      | 15.000  | 0.010    | 325.700 | 1.400    | 0.0     | 0.0      |

(17700) PUND NCSR 1515 EXLCEL 727.6 RDELV 729.9

17711

|    |           |          |          |          |          |          |          |          |          |          |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 17510.000 | 0.0      | 0.0      | 0.0      | 21.000   | 21.000   | 21.000   | 0.0      | 0.0      | 0.0      |
| X2 | 0.0       | 0.0      | 1.000    | 727.600  | 729.500  | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| BT | 15.000    | 1000.000 | 746.000  | 0.0      | 1050.000 | 742.500  | 0.0      | 1200.000 | 734.500  | 0.0      |
| BT | 1400.000  | 729.600  | 0.0      | 1550.000 | 729.700  | 0.0      | 1623.000 | 730.000  | 0.0      | 1623.900 |
| BT | 729.900   | 0.0      | 1624.000 | 729.900  | 727.600  | 1663.000 | 729.900  | 727.600  | 1663.100 | 729.900  |
| BT | 0.0       | 1664.000 | 729.500  | 0.0      | 1750.000 | 730.000  | 0.0      | 2100.000 | 739.700  | 0.0      |
| BT | 2150.000  | 741.000  | 0.0      | 2231.000 | 746.000  | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |

17911

|    |           |          |          |          |         |          |         |          |         |          |
|----|-----------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 17719.000 | 21.000   | 1665.000 | 1700.000 | 200.000 | 200.000  | 200.000 | 0.0      | 0.0     | 0.0      |
| GR | 745.200   | 1000.000 | 734.300  | 1050.000 | 726.800 | 1213.000 | 726.900 | 1250.000 | 726.400 | 1300.000 |
| GR | 726.800   | 1350.000 | 726.700  | 1366.000 | 720.800 | 1379.000 | 721.300 | 1388.000 | 725.600 | 1397.000 |
| GR | 724.500   | 1550.000 | 724.500  | 1600.000 | 724.900 | 1650.000 | 725.200 | 1665.000 | 717.900 | 1679.000 |
| GR | 717.600   | 1685.000 | 718.100  | 1692.000 | 725.500 | 1700.000 | 725.000 | 1750.000 | 725.500 | 1763.000 |
| GR | 741.900   | 2100.000 | 0.0      | 0.0      | 0.0     | 0.0      | 0.0     | 0.0      | 0.0     | 0.0      |

183.01

|    |         |          |          |          |          |          |         |     |       |     |
|----|---------|----------|----------|----------|----------|----------|---------|-----|-------|-----|
| X1 | 184.000 | 0.0      | 0.0      | 0.0      | 750.000  | 750.000  | 750.000 | 0.0 | 1.510 | 0.0 |
| MC | 0.050   | 0.250    | 0.020    | 0.100    | 0.300    | 0.0      | 0.0     | 0.0 | 0.0   | 0.0 |
| BT | 5.000   | 1260.000 | 2000.000 | 2500.000 | 3700.000 | 2500.000 | 0.0     | 0.0 | 0.0   | 0.0 |

195.41

|    |         |          |          |          |         |          |         |          |         |          |
|----|---------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 192.000 | 23.000   | 1319.000 | 1353.000 | 740.000 | 740.000  | 740.000 | 0.0      | -1.510  | 0.0      |
| GR | 749.000 | 1000.000 | 741.000  | 1025.000 | 731.600 | 1050.000 | 731.400 | 1063.000 | 726.400 | 1067.000 |
| GR | 726.600 | 1072.000 | 731.300  | 1077.000 | 729.700 | 1150.000 | 728.800 | 1200.000 | 729.700 | 1250.000 |
| GR | 731.600 | 1329.000 | 722.700  | 1334.000 | 722.100 | 1340.000 | 722.400 | 1347.000 | 731.700 | 1353.000 |
| GR | 730.600 | 1450.000 | 731.300  | 1500.000 | 731.200 | 1536.000 | 732.800 | 1550.000 | 736.500 | 1600.000 |
| GR | 740.500 | 1650.000 | 746.000  | 1750.000 | 747.900 | 1776.000 | 0.0     | 0.0      | 0.0     | 0.0      |

20291

|    |           |          |          |          |          |          |         |     |       |     |
|----|-----------|----------|----------|----------|----------|----------|---------|-----|-------|-----|
| X1 | 19950.000 | 0.0      | 0.0      | 0.0      | 750.000  | 750.000  | 750.000 | 0.0 | 1.510 | 0.0 |
| MC | 0.060     | 0.260    | 0.040    | 0.100    | 0.300    | 0.0      | 0.0     | 0.0 | 0.0   | 0.0 |
| BT | 5.000     | 1175.000 | 2000.000 | 2400.000 | 3600.000 | 2400.000 | 0.0     | 0.0 | 0.0   | 0.0 |

22541

|    |           |          |          |          |          |          |          |          |         |          |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 22200.000 | 22.000   | 1460.000 | 1465.000 | 2250.000 | 2250.000 | 2250.000 | 0.0      | -4.200  | 0.0      |
| GR | 754.800   | 1000.000 | 747.000  | 1033.000 | 741.700  | 1095.000 | 739.600  | 1200.000 | 759.100 | 1300.000 |

|    |         |          |         |          |         |          |         |          |         |          |
|----|---------|----------|---------|----------|---------|----------|---------|----------|---------|----------|
| GR | 739.900 | 1400.000 | 732.700 | 1406.000 | 739.100 | 1412.000 | 739.000 | 1460.000 | 730.900 | 1469.000 |
| GR | 731.400 | 1474.000 | 731.800 | 1479.000 | 738.200 | 1485.000 | 738.000 | 1500.000 | 737.800 | 1510.000 |
| GR | 732.100 | 1515.000 | 738.100 | 1520.000 | 738.400 | 1550.000 | 743.400 | 1700.000 | 749.000 | 1800.000 |
| GR | 753.200 | 1900.000 | 754.800 | 1936.000 | 0.0     | 0.0      | 0.0     | 0.0      | 0.0     | 0.0      |

22640

|    |           |          |          |          |         |          |         |          |         |          |
|----|-----------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 22299.000 | 21.000   | 1498.000 | 1532.000 | 99.000  | 99.000   | 99.000  | 0.0      | 0.0     | 0.0      |
| GR | 759.000   | 1000.000 | 756.700  | 1024.000 | 738.600 | 1100.000 | 738.600 | 1450.000 | 738.900 | 1498.000 |
| GR | 739.000   | 1502.000 | 731.500  | 1506.200 | 730.600 | 1515.000 | 730.300 | 1516.400 | 729.700 | 1518.100 |
| GR | 729.300   | 1523.200 | 730.200  | 1526.900 | 731.500 | 1530.200 | 732.600 | 1532.000 | 739.400 | 1550.000 |
| GR | 744.600   | 1750.000 | 745.600  | 1800.000 | 748.500 | 1900.000 | 751.400 | 2000.000 | 757.300 | 2200.000 |
| GR | 759.000   | 2249.000 | 0.0      | 0.0      | 0.0     | 0.0      | 0.0     | 0.0      | 0.0     | 0.0      |
| SB | 1.050     | 1.500    | 2.500    | 0.0      | 15.000  | 1.000    | 296.200 | 0.850    | 0.0     | 0.0      |

(22650) RINA NCSR 1512 MXLCEL 741.2 RDELV 743.0

22661

|    |           |          |          |          |          |          |          |          |          |          |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 22320.000 | 0.0      | 0.0      | 0.0      | 21.000   | 21.000   | 21.000   | 0.0      | 0.0      | 0.0      |
| X2 | 0.0       | 0.0      | 1.000    | 741.200  | 743.000  | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| BT | 16.000    | 1000.000 | 759.000  | 0.0      | 1100.000 | 753.600  | 0.0      | 1250.000 | 747.100  | 0.0      |
| BT | 1450.000  | 743.100  | 0.0      | 1497.000 | 743.000  | 0.0      | 1498.000 | 743.000  | 741.200  | 1532.000 |
| BT | 743.000   | 741.200  | 1532.100 | 743.000  | 0.0      | 1533.000 | 743.000  | 0.0      | 1550.000 | 743.200  |
| BT | 0.0       | 1750.000 | 744.700  | 0.0      | 1800.000 | 745.600  | 0.0      | 1900.000 | 748.500  | 0.0      |
| BT | 2000.000  | 751.000  | 0.0      | 2200.000 | 757.300  | 0.0      | 2249.000 | 759.000  | 0.0      | 0.0      |

22761

|    |           |          |          |          |         |          |         |          |         |          |
|----|-----------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 22420.000 | 22.000   | 1460.000 | 1485.000 | 100.000 | 100.000  | 100.000 | 0.0      | 0.0     | 0.0      |
| GR | 754.800   | 1000.000 | 747.000  | 1033.000 | 741.700 | 1095.000 | 739.600 | 1200.000 | 739.100 | 1300.000 |
| GR | 739.900   | 1400.000 | 732.700  | 1406.000 | 739.100 | 1412.000 | 739.000 | 1460.000 | 730.900 | 1469.000 |
| GR | 731.400   | 1474.000 | 731.800  | 1479.000 | 738.200 | 1485.000 | 738.000 | 1500.000 | 737.800 | 1510.000 |
| GR | 732.100   | 1515.000 | 738.100  | 1520.000 | 738.400 | 1550.000 | 743.400 | 1700.000 | 749.000 | 1800.000 |
| GR | 753.200   | 1900.000 | 754.800  | 1936.000 | 0.0     | 0.0      | 0.0     | 0.0      | 0.0     | 0.0      |

23530

|    |           |          |          |          |          |          |         |     |       |     |
|----|-----------|----------|----------|----------|----------|----------|---------|-----|-------|-----|
| X1 | 23200.000 | 0.0      | 0.0      | 0.0      | 780.000  | 780.000  | 780.000 | 0.0 | 2.120 | 0.0 |
| BT | 0.150     | 0.150    | 0.125    | 0.100    | 0.300    | 0.0      | 0.0     | 0.0 | 0.0   | 0.0 |
| BT | 0.000     | 1090.000 | 1750.000 | 2250.000 | 3300.000 | 2250.000 | 0.0     | 0.0 | 0.0   | 0.0 |

24320

|    |           |          |          |          |         |          |         |          |         |          |
|----|-----------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 23200.000 | 22.000   | 1500.000 | 1537.000 | 790.000 | 790.000  | 790.000 | 0.0      | -2.120  | 0.0      |
| GR | 753.900   | 1000.000 | 755.600  | 1056.000 | 753.700 | 1059.000 | 753.100 | 1070.000 | 749.800 | 1083.000 |
| GR | 747.400   | 1150.000 | 746.500  | 1207.000 | 746.600 | 1211.000 | 744.000 | 1216.000 | 743.500 | 1250.000 |
| GR | 743.700   | 1350.000 | 740.000  | 1450.000 | 746.000 | 1500.000 | 738.000 | 1513.000 | 737.300 | 1521.000 |
| GR | 731.200   | 1530.000 | 745.900  | 1537.000 | 745.100 | 1550.000 | 744.500 | 1600.000 | 750.000 | 1654.000 |
| GR | 754.500   | 1850.000 | 761.100  | 1906.000 | 0.0     | 0.0      | 0.0     | 0.0      | 0.0     | 0.0      |

25100

|    |           |          |          |          |          |          |         |     |       |     |
|----|-----------|----------|----------|----------|----------|----------|---------|-----|-------|-----|
| X1 | 24770.000 | 0.0      | 0.0      | 0.0      | 780.000  | 780.000  | 780.000 | 0.0 | 2.120 | 0.0 |
| BT | 0.000     | 0.000    | 0.000    | 0.100    | 0.300    | 0.0      | 0.0     | 0.0 | 0.0   | 0.0 |
| BT | 0.000     | 1000.000 | 1750.000 | 2020.000 | 3000.000 | 2090.000 | 0.0     | 0.0 | 0.0   | 0.0 |

26440

|    |           |          |          |          |          |          |          |          |         |          |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 26110.000 | 27.000   | 1435.000 | 1452.000 | 1340.000 | 1340.000 | 1340.000 | 0.0      | -1.200  | 0.0      |
| GR | 774.100   | 1000.000 | 768.300  | 1027.000 | 767.600  | 1050.000 | 762.300  | 1132.000 | 757.300 | 1163.000 |
| GR | 757.000   | 1173.000 | 750.700  | 1186.000 | 750.700  | 1200.000 | 750.600  | 1250.000 | 750.100 | 1300.000 |
| GR | 745.900   | 1400.000 | 750.300  | 1435.000 | 744.400  | 1439.000 | 743.700  | 1444.000 | 744.600 | 1449.000 |
| GR | 750.000   | 1452.000 | 748.900  | 1500.000 | 748.700  | 1550.000 | 749.300  | 1600.000 | 749.500 | 1650.000 |
| GR | 747.400   | 1654.000 | 747.200  | 1659.000 | 750.500  | 1661.000 | 750.100  | 1700.000 | 752.900 | 1800.000 |
| GR | 760.500   | 1900.000 | 766.000  | 1946.000 | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0      |

26540

|    |           |          |          |          |         |          |         |          |         |          |
|----|-----------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 26210.000 | 19.000   | 1411.000 | 1444.000 | 100.000 | 100.000  | 100.000 | 0.0      | 0.0     | 0.0      |
| GR | 767.500   | 1000.000 | 756.000  | 1131.000 | 750.600 | 1356.000 | 750.500 | 1411.000 | 748.100 | 1413.800 |
| GR | 745.700   | 1424.000 | 743.700  | 1426.700 | 743.100 | 1431.500 | 743.400 | 1435.800 | 748.600 | 1441.100 |
| GR | 749.300   | 1444.000 | 750.900  | 1620.000 | 760.200 | 1877.000 | 769.900 | 1991.000 | 0.0     | 0.0      |
| SR | 0.900     | 1.500    | 2.500    | 0.0      | 10.000  | 0.010    | 204.300 | 1.390    | 0.0     | 0.0      |



\*\*\*\*\*  
 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977  
 ERPOR CORR - 01  
 MODIFICATION - 50,51,52  
 \*\*\*\*\*

T1 DAVIDSON CO. BASIN D STREAM 1 FRYES CREEK  
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918  
 T3 50 YEAR FLOOD WATER SURFACE PROFILE

| J1 | ICHECK | INQ  | MINV   | IDIR  | STRT     | METRIC | HVINS | Q   | WSEL    | FG     |
|----|--------|------|--------|-------|----------|--------|-------|-----|---------|--------|
|    | -10.   | 3.   | 0.     | 0.    | 0.005000 | 0.0    | 0.0   | 0.  | 658.200 | 0.0    |
| J2 | NPROF  | IPLT | PREVS  | XSECV | XSECH    | FN     | ALLDC | IBW | CHNIM   | ITRACE |
|    | 2.000  | 0.0  | -1.000 | 0.0   | 0.0      | 0.0    | 0.0   | 0.0 | 0.0     | 0.0    |

\*PROF 2

CCHV= 0.100 CEHV= 0.300  
 \*SECNO 3600.000

3265 DIVIDED FLOW

| SECNO    | DEPTH | WSEL   | CRMS  | WSELK  | EG     | HV    | HL    | OLOSS  | BANK ELEV |
|----------|-------|--------|-------|--------|--------|-------|-------|--------|-----------|
| TIME     | VLQR  | VCH    | VROP  | XNL    | XNCH   | XNR   | WTN   | ELMIN  | SSTA      |
| SLOPE    | XLOBL | XLCH   | XLGR  | ITRIAL | IDC    | ICONT | CORAR | TOPWID | ENDST     |
| 3600.00  | 8.05  | 686.05 | 0.0   | 658.20 | 686.77 | 0.72  | 0.0   | 0.0    | 687.50    |
| 2570.    | 0.    | 1831.  | 739.  | 0.     | 232.   | 301.  | 0.    | 0.     | 686.20    |
| 0.0      | 0.0   | 7.90   | 2.45  | 0.060  | 0.040  | 0.060 | 0.0   | 678.00 | 1278.42   |
| 0.005053 | 3600. | 3600.  | 3600. | 0      | 0      | 14    | 0.0   | 306.84 | 1597.57   |

\*SECNO 3700.000

3301 HV CHANGED MORE THAN HVINS

|          |      |        |       |       |        |       |       |        |         |
|----------|------|--------|-------|-------|--------|-------|-------|--------|---------|
| 3700.00  | 8.76 | 686.86 | 0.0   | 0.0   | 687.03 | 0.17  | 0.21  | 0.05   | 679.80  |
| 2570.    | 228. | 1060.  | 1281. | 120.  | 228.   | 723.  | 2.    | 1.     | 683.10  |
| 0.31     | 1.90 | 4.64   | 1.77  | 0.060 | 0.040  | 0.060 | 0.040 | 678.10 | 1358.88 |
| 0.001120 | 100. | 100.   | 100.  | 2     | 0      | 0     | 0.0   | 304.18 | 1663.06 |

SPECIAL BRIDGE

5070, VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

| SB | XK   | XKOR | COFO | RDLN | BWC   | BWP  | BAREA  | SS  | ELCHU  | ELCHD  |
|----|------|------|------|------|-------|------|--------|-----|--------|--------|
|    | 1.25 | 1.50 | 2.50 | 0.0  | 28.00 | 1.00 | 286.00 | 0.0 | 678.10 | 678.10 |

\*SECNO 3719.000

CLASS A LOW FLOW

\*\*\*\*\*  
 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977  
 ERROR CORR - 01  
 MODIFICATION - 50.51.52  
 \*\*\*\*\*

C  
 T1 DAVIDSON CO. BASIN n STREAM 1 FRYES CREEK  
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918  
 T3 100 YEAR FLOOD WATER SURFACE PROFILE

| J1 | ICHECK                              | IMQ      | MINV     | IDIR     | STRT     | METRIC   | HVINS | Q     | WSEL    | FQ     |
|----|-------------------------------------|----------|----------|----------|----------|----------|-------|-------|---------|--------|
|    | -1.                                 | 4.       | 0.       | 0.       | 0.0      | 0.0      | 0.0   | 0.    | 686.470 | 0.0    |
| J2 | MPROF                               | IPL0T    | PRFVS    | XSECV    | XSECH    | FN       | ALLOC | IBW   | CHNIM   | ITRACE |
|    | 0.                                  | 0.0      | -1.600   | 0.0      | 0.0      | 0.0      | 0.0   | 0.0   | 0.0     | 0.0    |
| J3 | VARIABLE CODES FOR SUMMARY PRINTOUT |          |          |          |          |          |       |       |         |        |
|    | 38.000                              | 39.000   | 40.000   | 41.000   | 43.000   | 42.000   | 1.000 | 2.000 | 26.000  | 53.000 |
|    | 54.000                              | 25.000   | 50.000   | 0.0      | 200.000  | 0.0      | 0.0   | 0.0   | 0.0     | 0.0    |
| UC | 0.000                               | 0.000    | 0.000    | 0.100    | 0.300    | 0.0      | 0.0   | 0.0   | 0.0     | 0.0    |
| UT | 5.000                               | 1530.000 | 2470.000 | 3150.000 | 4900.000 | 3150.000 | 0.0   | 0.0   | 0.0     | 0.0    |
| ET | 3.000                               | 0.0      | 0.0      | 0.0      | 0.0      | -8.400   | 0.0   | 0.0   | 0.0     | 0.0    |

A

|    |          |          |          |          |          |          |          |          |         |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 3600.000 | 24.000   | 1277.000 | 1318.000 | 3600.000 | 3600.000 | 3600.000 | 0.0      | 0.0     | 0.0      |
| SR | 702.600  | 1000.000 | 700.200  | 1050.000 | 693.000  | 1092.000 | 690.500  | 1150.000 | 689.000 | 1250.000 |
| SR | 687.500  | 1277.000 | 678.300  | 1286.000 | 676.000  | 1296.000 | 678.400  | 1306.000 | 686.200 | 1318.000 |
| SR | 688.000  | 1350.000 | 685.500  | 1400.000 | 685.200  | 1450.000 | 684.800  | 1500.000 | 683.500 | 1536.000 |
| SR | 682.000  | 1542.000 | 681.700  | 1544.000 | 682.000  | 1546.000 | 683.400  | 1555.000 | 686.200 | 1600.000 |
| SR | 680.300  | 1700.000 | 686.600  | 1719.000 | 697.800  | 1900.000 | 702.600  | 1968.000 | 0.0     | 0.0      |
| X1 | 3700.000 | 19.000   | 1393.000 | 1421.500 | 100.000  | 100.000  | 100.000  | 0.0      | 0.0     | 0.0      |
| SR | 705.600  | 1000.000 | 700.100  | 1100.000 | 697.800  | 1150.000 | 696.500  | 1171.000 | 693.800 | 1205.000 |
| SR | 688.700  | 1350.000 | 679.800  | 1393.000 | 678.100  | 1396.700 | 678.200  | 1416.800 | 682.000 | 1418.300 |
| SR | 683.100  | 1421.500 | 684.000  | 1502.000 | 684.000  | 1604.600 | 684.000  | 1616.500 | 684.000 | 1626.600 |
| SR | 684.200  | 1631.000 | 689.100  | 1690.000 | 690.400  | 1750.000 | 698.000  | 2000.000 | 0.0     | 0.0      |
| SR | 1.250    | 1.500    | 2.500    | 0.0      | 20.000   | 1.000    | 286.000  | 0.0      | -0.0    | 0.0      |

(3710) R000 NCS0 1520 EXLCEL 688.4 ROELV 690.5

|    |          |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 3719.000 | 0.0      | 0.0      | 0.0      | 19.000   | 19.000   | 19.000   | 0.0      | 0.0      | 0.0      |
| X2 | 0.0      | 0.0      | 1.000    | 688.400  | 689.000  | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| BT | 15.000   | 1000.000 | 785.600  | 0.0      | 1150.000 | 697.800  | 0.0      | 1250.000 | 693.400  | 0.0      |
| BT | 1392.000 | 690.500  | 0.0      | 1392.900 | 690.500  | 0.0      | 1393.000 | 690.500  | 688.400  | 1421.500 |
| BT | 690.500  | 688.400  | 1421.600 | 690.500  | 0.0      | 1600.900 | 689.200  | 0.0      | 1601.000 | 689.200  |
| BT | 0.0      | 1631.000 | 689.200  | 0.0      | 1631.100 | 689.200  | 0.0      | 1650.000 | 689.500  | 0.0      |
| BT | 1700.000 | 689.000  | 0.0      | 2000.000 | 698.000  | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |



|      |          |          |          |          |          |                 |         |          |         |          |
|------|----------|----------|----------|----------|----------|-----------------|---------|----------|---------|----------|
| X1   | 3819.000 | 24.000   | 1277.000 | 1318.000 | 100.000  | 100.000         | 100.000 | 0.0      | 0.200   | 0.0      |
| GR   | 702.600  | 1000.000 | 700.200  | 1050.000 | 693.000  | 1092.000        | 690.500 | 1150.000 | 689.000 | 1250.000 |
| GR   | 687.500  | 1277.000 | 678.300  | 1286.000 | 678.000  | <u>1296.000</u> | 678.400 | 1306.000 | 686.200 | 1318.000 |
| GR   | 685.800  | 1350.000 | 685.500  | 1400.000 | 685.200  | 1450.000        | 684.800 | 1500.000 | 683.500 | 1536.000 |
| B GR | 682.000  | 1542.000 | 681.700  | 1544.000 | 682.000  | 1546.000        | 683.400 | 1555.000 | 686.200 | 1600.000 |
| GR   | 686.300  | 1700.000 | 686.600  | 1719.000 | 697.800  | 1900.000        | 702.600 | 1968.000 | 0.0     | 0.0      |
| NC   | 0.044    | 0.044    | 0.024    | 0.100    | 0.300    | 0.0             | 0.0     | 0.0      | 0.0     | 0.0      |
| QT   | 5.000    | 1510.000 | 2530.000 | 3100.000 | 4800.000 | 3100.000        | 0.0     | 0.0      | 0.0     | 0.0      |

|      |          |          |          |                 |          |          |          |          |         |          |
|------|----------|----------|----------|-----------------|----------|----------|----------|----------|---------|----------|
| X1   | 6050.000 | 18.000   | 1349.000 | 1382.000        | 2231.000 | 2231.000 | 2231.000 | 0.0      | 0.0     | 0.0      |
| GR   | 712.600  | 1000.000 | 700.300  | 1100.000        | 693.300  | 1250.000 | 692.900  | 1300.000 | 693.100 | 1349.000 |
| GR   | 684.900  | 1353.000 | 684.300  | <u>1363.000</u> | 685.100  | 1374.000 | 693.700  | 1382.000 | 693.300 | 1400.000 |
| GR   | 692.600  | 1450.000 | 692.500  | 1550.000        | 692.500  | 1572.000 | 698.400  | 1750.000 | 702.400 | 1850.000 |
| C GR | 706.100  | 1950.000 | 709.200  | 2050.000        | 710.500  | 2083.000 | 0.0      | 0.0      | 0.0     | 0.0      |
| NC   | 0.050    | 0.050    | 0.029    | 0.100           | 0.300    | 0.0      | 0.0      | 0.0      | 0.0     | 0.0      |
| QT   | 5.000    | 1450.000 | 2470.000 | 3000.000        | 4650.000 | 3000.000 | 0.0      | 0.0      | 0.0     | 0.0      |

|    |          |                 |                     |          |          |          |          |          |         |          |
|----|----------|-----------------|---------------------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 9290.000 | 21.000          | 1156.000            | 1187.000 | 3240.000 | 3240.000 | 3240.000 | 0.0      | 0.0     | 0.0      |
| GR | 712.300  | 1000.000        | 717.000             | 1017.000 | 715.000  | 1021.000 | 714.700  | 1029.000 | 712.900 | 1033.000 |
| GR | 707.400  | 1108.000        | 703.500             | 1118.000 | 701.800  | 1156.000 | 695.900  | 1162.000 | 695.500 | 1172.000 |
| GR | 695.500  | <u>1182.000</u> | <u>1177</u> 702.000 | 1187.000 | 701.900  | 1000.000 | 701.400  | 1250.000 | 700.900 | 1300.000 |
| GR | 701.500  | 1350.000        | 703.500             | 1450.000 | 709.400  | 1550.000 | 710.700  | 1556.000 | 712.100 | 1573.000 |
| GR | 717.200  | 1599.000        | 0.0                 | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0      |
| NC | 0.060    | 0.060           | 0.040               | 0.100    | 0.300    | 0.0      | 0.0      | 0.0      | 0.0     | 0.0      |
| QT | 5.000    | 1420.000        | 2400.000            | 2900.000 | 4400.000 | 2900.000 | 0.0      | 0.0      | 0.0     | 0.0      |

|    |                           |          |          |          |                         |                         |                         |          |         |          |
|----|---------------------------|----------|----------|----------|-------------------------|-------------------------|-------------------------|----------|---------|----------|
| X1 | <u>13326</u><br>13186.000 | 19.000   | 1345.000 | 1390.000 | <u>4096</u><br>3896.000 | <u>4096</u><br>3896.000 | <u>4096</u><br>3896.000 | 0.0      | 0.0     | 0.0      |
| GR | 730.800                   | 1000.000 | 724.300  | 1100.000 | 714.100                 | 1187.000                | 714.100                 | 1200.000 | 713.600 | 1300.000 |
| GR | 713.200                   | 1345.000 | 706.400  | 1360.000 | 705.000                 | <u>1367.000</u>         | 705.600                 | 1374.000 | 713.900 | 1390.000 |
| GR | 713.700                   | 1400.000 | 712.700  | 1450.000 | 712.400                 | 1500.000                | 712.300                 | 1550.000 | 713.200 | 1600.000 |
| GR | 713.000                   | 1610.000 | 715.300  | 1700.000 | 723.300                 | 1765.000                | 730.800                 | 1921.000 | 0.0     | 0.0      |

|    |                           |          |          |          |         |          |         |                 |         |          |
|----|---------------------------|----------|----------|----------|---------|----------|---------|-----------------|---------|----------|
| X1 | <u>13456</u><br>13235.000 | 24.000   | 1261.000 | 1360.900 | 100.000 | 100.000  | 100.000 | 0.0             | 0.0     | 0.0      |
| GR | 729.900                   | 1000.000 | 722.500  | 1190.000 | 715.000 | 1250.000 | 721.700 | 1261.000        | 721.700 | 1265.800 |
| GR | 719.800                   | 1268.000 | 717.700  | 1274.700 | 708.200 | 1281.800 | 706.700 | <u>1286.000</u> | 706.900 | 1311.000 |
| GR | 707.200                   | 1318.300 | 714.200  | 1325.300 | 714.800 | 1336.000 | 716.300 | 1348.300        | 718.700 | 1356.100 |
| GR | 719.700                   | 1560.000 | 714.600  | 1400.000 | 715.700 | 1600.000 | 715.600 | 1650.000        | 719.300 | 1784.000 |
| GR | 723.100                   | 1844.000 | 723.600  | 2016.000 | 721.200 | 2070.000 | 725.400 | 2100.000        | 0.0     | 0.0      |
| GR | 1.050                     | 1.500    | 2.500    | 0.0      | 25.000  | 3.000    | 734.800 | 1.900           | 0.0     | 0.0      |

|    |                           |          |          |          |          |          |          |          |          |          |
|----|---------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | <u>15514</u><br>13314.000 | 0.0      | 0.0      | 0.0      | 28.000   | 28.000   | 28.000   | 0.0      | 0.0      | 0.0      |
| X2 | 0.0                       | 0.0      | 1.000    | 723.600  | 723.700  | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| BT | 23.000                    | 1000.000 | 741.900  | 0.0      | 1100.000 | 734.900  | 0.0      | 1200.000 | 729.100  | 0.0      |
| BT | 1260.000                  | 726.200  | 0.0      | 1260.900 | 726.200  | 0.0      | 1261.000 | 726.200  | 723.600  | 1311.000 |
| BT | 724.400                   | 721.000  | 1308.300 | 723.700  | 720.800  | 1362.000 | 723.700  | 720.300  | 1362.100 | 723.700  |
| BT | 0.0                       | 1550.000 | 723.700  | 0.0      | 1750.000 | 723.700  | 0.0      | 1850.000 | 723.700  | 0.0      |
| BT | 1900.000                  | 724.000  | 0.0      | 2000.000 | 724.500  | 0.0      | 2100.000 | 725.400  | 0.0      | 2400.000 |
| BT | 727.200                   | 0.0      | 2600.000 | 728.300  | 0.0      | 2800.000 | 729.700  | 0.0      | 3000.000 | 731.200  |
| BT | 0.0                       | 3200.000 | 732.700  | 0.0      | 3400.000 | 734.400  | 0.0      | 3528.000 | 736.600  | 0.0      |

|    |                           |          |          |          |          |                 |         |          |         |          |
|----|---------------------------|----------|----------|----------|----------|-----------------|---------|----------|---------|----------|
| X1 | <u>13614</u><br>13414.000 | 19.000   | 1345.000 | 1390.000 | 100.000  | 100.000         | 100.000 | 0.0      | 3.400   | 0.0      |
| GR | 730.800                   | 1000.000 | 724.300  | 1100.000 | 714.100  | 1187.000        | 714.100 | 1200.000 | 713.600 | 1300.000 |
| GR | 713.200                   | 1345.000 | 706.400  | 1360.000 | 705.000  | <u>1367.000</u> | 705.600 | 1374.000 | 713.900 | 1390.000 |
| GR | 713.700                   | 1400.000 | 712.700  | 1450.000 | 712.400  | 1500.000        | 712.300 | 1550.000 | 713.200 | 1600.000 |
| GR | 713.000                   | 1610.000 | 715.300  | 1700.000 | 723.300  | 1765.000        | 730.800 | 1921.000 | 0.0     | 0.0      |
| NC | 0.050                     | 0.050    | 0.029    | 0.100    | 0.300    | 0.0             | 0.0     | 0.0      | 0.0     | 0.0      |
| QT | 5.000                     | 1320.000 | 2250.000 | 2730.000 | 4150.000 | 2730.000        | 0.0     | 0.0      | 0.0     | 0.0      |

|    |           |          |          |          |          |          |          |          |         |          |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| ET | 0.0       | 0.0      | 0.0      | 0.0      | 0.0      | -6.400   | 0.0      | 0.0      | 0.0     | 0.0      |
|    | 15691     |          |          |          | 2077     | 2077     | 2077     |          |         |          |
| X1 | 15490.000 | 20.000   | 1557.000 | 1592.000 | 2076.000 | 2076.000 | 2076.000 | 0.0      | 0.0     | 0.0      |
| GR | 735.900   | 1000.000 | 725.100  | 1062.000 | 724.400  | 1077.000 | 722.200  | 1084.000 | 723.800 | 1090.000 |
| GR | 717.400   | 1421.000 | 717.500  | 1450.000 | 719.500  | 1557.000 | 713.600  | 1564.000 | 713.400 | 1573.000 |
| GR | 713.100   | 1582.000 | 718.900  | 1592.000 | 718.800  | 1600.000 | 717.900  | 1690.000 | 718.300 | 1680.000 |
| GP | 727.200   | 1965.000 | 730.700  | 1984.000 | 730.900  | 2000.000 | 732.300  | 2050.000 | 735.500 | 2086.000 |
| NC | 0.060     | 0.060    | 0.040    | 0.100    | 0.300    | 0.0      | 0.0      | 0.0      | 0.0     | 0.0      |
| QT | 5.000     | 1300.000 | 2200.000 | 2700.000 | 4050.000 | 2700.000 | 0.0      | 0.0      | 0.0     | 0.0      |

|    |           |          |          |          |          |          |          |          |         |          |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
|    | 17490     |          |          |          |          |          |          |          |         |          |
| X1 | 17289.000 | 21.000   | 1665.000 | 1700.000 | 1799.000 | 1799.000 | 1799.000 | 0.0      | -2.200  | 0.0      |
| GR | 745.200   | 1000.000 | 734.300  | 1050.000 | 726.800  | 1213.000 | 726.900  | 1250.000 | 726.400 | 1300.000 |
| GR | 726.800   | 1350.000 | 726.700  | 1366.000 | 720.800  | 1379.000 | 721.300  | 1388.000 | 725.600 | 1397.000 |
| GR | 724.500   | 1550.000 | 724.500  | 1600.000 | 724.900  | 1650.000 | 725.200  | 1665.000 | 717.900 | 1679.000 |
| GR | 717.600   | 1685.000 | 718.100  | 1692.000 | 725.500  | 1700.000 | 725.000  | 1750.000 | 725.500 | 1763.000 |
| GR | 741.900   | 2100.000 | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0      |

|    |           |          |          |          |         |          |         |          |         |          |
|----|-----------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
|    | 17690     |          |          |          |         |          |         |          |         |          |
| X1 | 17489.000 | 20.000   | 1624.000 | 1663.000 | 200.000 | 200.000  | 200.000 | 0.0      | 0.0     | 0.0      |
| GR | 746.000   | 1000.000 | 742.600  | 1050.000 | 729.700 | 1200.000 | 726.200 | 1400.000 | 725.600 | 1550.000 |
| GR | 722.300   | 1523.000 | 722.300  | 1624.000 | 721.300 | 1627.800 | 718.800 | 1631.700 | 716.500 | 1637.000 |
| GR | 716.600   | 1651.100 | 721.100  | 1654.400 | 721.700 | 1657.000 | 724.400 | 1659.000 | 725.000 | 1663.000 |
| GR | 725.000   | 1664.000 | 726.000  | 1765.000 | 739.800 | 2100.000 | 741.900 | 2150.000 | 746.000 | 2231.000 |
| SR | 0.900     | 1.500    | 2.500    | 0.0      | 15.000  | 0.010    | 325.700 | 1.400    | 0.0     | 0.0      |

ROWA NCSR 1515      FXLCEL 727.6      RDELV 729.9

|    |           |          |          |          |          |          |          |          |          |          |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|    | 1770      |          |          |          |          |          |          |          |          |          |
| X1 | 17510.000 | 0.0      | 0.0      | 0.0      | 21.000   | 21.000   | 21.000   | 0.0      | 0.0      | 0.0      |
| GR | 0.0       | 0.0      | 1.000    | 727.600  | 729.500  | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| BT | 15.000    | 1000.000 | 746.000  | 0.0      | 1050.000 | 742.500  | 0.0      | 1200.000 | 734.500  | 0.0      |
| BT | 1400.000  | 729.600  | 0.0      | 1550.000 | 729.700  | 0.0      | 1623.000 | 730.000  | 0.0      | 1623.900 |
| BT | 729.900   | 0.0      | 1624.000 | 729.900  | 727.600  | 1663.000 | 729.900  | 727.600  | 1663.100 | 729.900  |
| BT | 0.0       | 1664.000 | 729.900  | 0.0      | 1750.000 | 730.000  | 0.0      | 2100.000 | 739.700  | 0.0      |
| BT | 2150.000  | 741.900  | 0.0      | 2231.000 | 746.000  | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |

|    |           |          |          |          |         |          |         |          |         |          |
|----|-----------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
|    | 1771      |          |          |          |         |          |         |          |         |          |
| X1 | 17710.000 | 21.000   | 1665.000 | 1700.000 | 200.000 | 200.000  | 200.000 | 0.0      | 0.0     | 0.0      |
| GR | 745.200   | 1000.000 | 734.300  | 1050.000 | 726.800 | 1213.000 | 726.900 | 1250.000 | 726.400 | 1300.000 |
| GR | 726.800   | 1350.000 | 726.700  | 1366.000 | 720.800 | 1379.000 | 721.300 | 1388.000 | 725.600 | 1397.000 |
| GR | 724.500   | 1550.000 | 724.500  | 1600.000 | 724.900 | 1650.000 | 725.200 | 1665.000 | 717.900 | 1679.000 |
| GR | 717.600   | 1685.000 | 718.100  | 1692.000 | 725.500 | 1700.000 | 725.000 | 1750.000 | 725.500 | 1763.000 |
| GR | 741.900   | 2100.000 | 0.0      | 0.0      | 0.0     | 0.0      | 0.0     | 0.0      | 0.0     | 0.0      |

|    |         |          |          |          |          |          |         |     |       |     |
|----|---------|----------|----------|----------|----------|----------|---------|-----|-------|-----|
|    | 18201   |          |          |          | 810      | 810      | 810     |     |       |     |
| X1 | 180.600 | 0.0      | 0.0      | 0.0      | 750.000  | 750.000  | 750.000 | 0.0 | 1.510 | 0.0 |
| IC | 0.050   | 0.050    | 0.020    | 0.100    | 0.300    | 0.0      | 0.0     | 0.0 | 0.0   | 0.0 |
| QT | 5.000   | 1280.000 | 2050.000 | 2500.000 | 3700.000 | 2500.000 | 0.0     | 0.0 | 0.0   | 0.0 |

|    |         |          |          |          |         |          |         |          |         |          |
|----|---------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
|    | 19541   |          |          |          |         |          |         |          |         |          |
| X1 | 1927000 | 23.400   | 1329.000 | 1353.000 | 740.000 | 740.000  | 740.000 | 0.0      | -1.510  | 0.0      |
| GR | 749.000 | 1000.000 | 741.600  | 1025.000 | 731.600 | 1050.000 | 731.400 | 1063.000 | 726.400 | 1067.000 |
| GR | 726.600 | 1072.000 | 731.300  | 1077.000 | 729.700 | 1150.000 | 728.800 | 1200.000 | 729.700 | 1250.000 |
| GR | 731.600 | 1329.000 | 722.700  | 1334.000 | 722.100 | 1340.000 | 722.400 | 1347.000 | 731.700 | 1353.000 |
| GR | 730.600 | 1450.000 | 731.300  | 1500.000 | 731.200 | 1536.000 | 732.800 | 1550.000 | 736.500 | 1600.000 |
| GR | 740.500 | 1650.000 | 746.000  | 1750.000 | 747.900 | 1776.000 | 0.0     | 0.0      | 0.0     | 0.0      |

|    |           |          |          |          |          |          |         |     |       |     |
|----|-----------|----------|----------|----------|----------|----------|---------|-----|-------|-----|
|    | 20291     |          |          |          |          |          |         |     |       |     |
| X1 | 19950.000 | 0.0      | 0.0      | 0.0      | 750.000  | 750.000  | 750.000 | 0.0 | 1.510 | 0.0 |
| NC | 0.060     | 0.060    | 0.040    | 0.100    | 0.300    | 0.0      | 0.0     | 0.0 | 0.0   | 0.0 |
| QT | 5.000     | 1175.000 | 2000.000 | 2400.000 | 3600.000 | 2400.000 | 0.0     | 0.0 | 0.0   | 0.0 |

|    |           |        |          |          |          |          |          |     |        |     |
|----|-----------|--------|----------|----------|----------|----------|----------|-----|--------|-----|
|    | 22541     |        |          |          |          |          |          |     |        |     |
| X1 | 22200.000 | 22.000 | 1460.000 | 1485.000 | 2250.000 | 2250.000 | 2250.000 | 0.0 | -4.200 | 0.0 |

|    |         |          |         |          |         |          |         |          |         |          |
|----|---------|----------|---------|----------|---------|----------|---------|----------|---------|----------|
| GR | 754.800 | 1000.000 | 747.000 | 1033.000 | 741.700 | 1095.000 | 739.600 | 1200.000 | 739.100 | 1300.000 |
| GR | 739.900 | 1400.000 | 732.700 | 1406.000 | 739.100 | 1412.000 | 739.000 | 1460.000 | 730.900 | 1469.000 |
| GR | 731.400 | 1474.000 | 731.800 | 1479.000 | 738.200 | 1405.000 | 738.000 | 1500.000 | 737.800 | 1510.000 |
| GR | 732.100 | 1515.000 | 738.100 | 1520.000 | 738.400 | 1550.000 | 743.400 | 1700.000 | 749.000 | 1800.000 |
| GR | 753.200 | 1900.000 | 754.800 | 1936.000 | 0.0     | 0.0      | 0.0     | 0.0      | 0.0     | 0.0      |

22640

|    |           |          |          |          |         |          |         |          |         |          |
|----|-----------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 22297.000 | 21.000   | 1498.000 | 1532.000 | 99.000  | 99.000   | 99.000  | 0.0      | 0.0     | 0.0      |
| GR | 759.000   | 1000.000 | 756.700  | 1024.000 | 738.600 | 1100.000 | 738.600 | 1450.000 | 738.900 | 1498.000 |
| GR | 739.000   | 1502.900 | 731.500  | 1506.200 | 730.600 | 1515.000 | 730.300 | 1516.400 | 729.700 | 1518.100 |
| GR | 729.300   | 1523.200 | 730.200  | 1526.900 | 731.500 | 1530.200 | 732.600 | 1532.000 | 739.400 | 1550.000 |
| GR | 744.600   | 1750.000 | 745.600  | 1800.000 | 748.500 | 1900.000 | 751.400 | 2000.000 | 757.300 | 2200.000 |
| GR | 759.000   | 2249.000 | 0.0      | 0.0      | 0.0     | 0.0      | 0.0     | 0.0      | 0.0     | 0.0      |
| SB | 1.050     | 1.500    | 2.500    | 0.0      | 15.000  | 1.000    | 296.200 | 0.850    | 0.0     | 0.0      |

22661 RDND NCSR 1512 MXLCEL 741.2 RDELV 743.0

|    |           |          |          |          |          |          |          |          |          |          |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 22320.000 | 0.0      | 0.0      | 0.0      | 21.000   | 21.000   | 21.000   | 0.0      | 0.0      | 0.0      |
| X2 | 0.0       | 0.0      | 1.000    | 741.200  | 743.000  | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| BT | 16.000    | 1000.000 | 759.600  | 0.0      | 1100.000 | 753.600  | 0.0      | 1250.000 | 747.100  | 0.0      |
| BT | 1450.000  | 743.100  | 0.0      | 1497.000 | 743.000  | 0.0      | 1498.000 | 743.000  | 741.200  | 1532.000 |
| BT | 743.000   | 741.200  | 1532.100 | 743.000  | 0.0      | 1533.000 | 743.000  | 0.0      | 1550.000 | 743.200  |
| BT | 0.0       | 1750.000 | 744.700  | 0.0      | 1800.000 | 745.600  | 0.0      | 1900.000 | 748.500  | 0.0      |
| BT | 2000.000  | 751.400  | 0.0      | 2200.000 | 757.300  | 0.0      | 2249.000 | 759.000  | 0.0      | 0.0      |

22761

|    |           |          |          |          |         |          |         |          |         |          |
|----|-----------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 22420.000 | 22.000   | 1460.000 | 1485.000 | 100.000 | 100.000  | 100.000 | 0.0      | 0.0     | 0.0      |
| GR | 754.800   | 1000.000 | 747.000  | 1033.000 | 741.700 | 1095.000 | 739.600 | 1200.000 | 739.100 | 1300.000 |
| GR | 739.900   | 1400.000 | 732.700  | 1406.000 | 739.100 | 1412.000 | 739.000 | 1460.000 | 730.900 | 1469.000 |
| GR | 731.400   | 1474.000 | 731.800  | 1479.000 | 738.200 | 1405.000 | 738.000 | 1500.000 | 737.800 | 1510.000 |
| GR | 732.100   | 1515.000 | 738.100  | 1520.000 | 738.400 | 1550.000 | 743.400 | 1700.000 | 749.000 | 1800.000 |
| GR | 753.200   | 1900.000 | 754.800  | 1936.000 | 0.0     | 0.0      | 0.0     | 0.0      | 0.0     | 0.0      |

22830

|    |           |          |          |          |          |          |         |     |       |     |
|----|-----------|----------|----------|----------|----------|----------|---------|-----|-------|-----|
| X1 | 22440.000 | 0.0      | 0.0      | 0.0      | 780.000  | 780.000  | 780.000 | 0.0 | 2.120 | 0.0 |
| IC | 0.150     | 0.155    | 0.125    | 0.100    | 0.300    | 0.0      | 0.0     | 0.0 | 0.0   | 0.0 |
| BT | 0.000     | 1000.000 | 1050.600 | 2250.000 | 3300.000 | 2250.000 | 0.0     | 0.0 | 0.0   | 0.0 |

24320

|    |           |          |          |          |         |          |         |          |         |          |
|----|-----------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 23300.000 | 22.000   | 1500.000 | 1537.000 | 790.000 | 790.000  | 790.000 | 0.0      | -2.120  | 0.0      |
| GR | 759.900   | 1000.000 | 756.700  | 1024.000 | 753.700 | 1059.000 | 753.100 | 1070.000 | 749.800 | 1083.000 |
| GR | 747.400   | 1150.000 | 746.500  | 1207.000 | 740.600 | 1211.000 | 744.000 | 1216.000 | 743.500 | 1250.000 |
| GR | 744.700   | 1330.000 | 744.400  | 1450.000 | 746.000 | 1500.000 | 738.000 | 1513.000 | 737.300 | 1521.000 |
| GR | 748.500   | 1530.000 | 745.900  | 1537.000 | 745.100 | 1550.000 | 744.500 | 1600.000 | 750.000 | 1654.000 |
| GR | 753.900   | 1850.000 | 741.100  | 1906.000 | 0.0     | 0.0      | 0.0     | 0.0      | 0.0     | 0.0      |

25100

|    |           |          |          |          |          |          |         |     |       |     |
|----|-----------|----------|----------|----------|----------|----------|---------|-----|-------|-----|
| X1 | 24270.000 | 0.0      | 0.0      | 0.0      | 780.000  | 780.000  | 780.000 | 0.0 | 2.120 | 0.0 |
| IC | 0.150     | 0.150    | 0.100    | 0.100    | 0.300    | 0.0      | 0.0     | 0.0 | 0.0   | 0.0 |
| BT | 0.000     | 1000.000 | 1750.000 | 2090.000 | 3000.000 | 2090.000 | 0.0     | 0.0 | 0.0   | 0.0 |

26440

|    |           |          |          |          |          |          |          |          |         |          |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 26110.000 | 27.000   | 1455.000 | 1452.000 | 1340.000 | 1340.000 | 1340.000 | 0.0      | -1.200  | 0.0      |
| GR | 773.100   | 1000.000 | 769.300  | 1027.000 | 767.800  | 1050.000 | 762.300  | 1132.000 | 757.300 | 1163.000 |
| GR | 757.000   | 1173.000 | 750.700  | 1186.000 | 750.700  | 1200.000 | 750.600  | 1250.000 | 750.100 | 1300.000 |
| GR | 744.900   | 1400.000 | 750.300  | 1435.000 | 744.400  | 1439.000 | 743.700  | 1444.000 | 744.600 | 1449.000 |
| GR | 759.000   | 1452.000 | 748.900  | 1500.000 | 746.700  | 1550.000 | 749.300  | 1600.000 | 749.500 | 1650.000 |
| GR | 747.400   | 1654.000 | 747.200  | 1639.000 | 750.500  | 1661.000 | 750.100  | 1700.000 | 752.900 | 1800.000 |
| GR | 760.500   | 1900.000 | 756.000  | 1946.000 | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0      |

26540

|    |           |          |          |          |         |          |         |          |         |          |
|----|-----------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 26210.000 | 14.000   | 1411.000 | 1444.000 | 100.000 | 100.000  | 100.000 | 0.0      | 0.0     | 0.0      |
| GR | 757.500   | 1000.000 | 756.000  | 1151.000 | 750.600 | 1356.000 | 750.500 | 1411.000 | 748.100 | 1413.800 |
| GR | 745.700   | 1424.000 | 743.600  | 1426.700 | 743.100 | 1431.500 | 743.400 | 1435.800 | 748.600 | 1441.100 |
| GR | 749.300   | 1444.000 | 750.900  | 1620.000 | 760.200 | 1477.000 | 769.900 | 1991.000 | 0.0     | 0.0      |



\*\*\*\*\*  
 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977  
 ERROR CORR - 01  
 MODIFICATION - 50,51,52  
 \*\*\*\*\*

T1 DAVIDSON CO. BASIN D STREAM 1. FRYES CREEK  
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918  
 T3 100 YEAR FLOODWAY

|    |        |       |        |       |       |        |       |     |         |        |
|----|--------|-------|--------|-------|-------|--------|-------|-----|---------|--------|
| J1 | ICHECK | ING   | MINV   | IDIR  | STRT  | METRIC | HVINS | Q   | WSEL    | FQ     |
|    | -10.   | 6.    | 0.     | 0.    | 0.0   | 0.0    | 0.0   | 0.  | 687.470 | 0.0    |
| J2 | NPROF  | IPLOT | PREVS  | XSECV | XSECH | FN     | ALLDC | IBW | CHNIN   | ITRACE |
|    | 15.000 | 0.0   | -1.000 | 0.0   | 0.0   | 0.0    | 0.0   | 0.0 | 0.0     | 0.0    |

\*PROF 2

CCHV= 0.100 CEHV= 0.300

\*SECHO 3600.000

2800 NAT Q1= 445.36 WSEL= 686.47 ENC Q1= 445.36 WSEL= 687.27 RATIO= 0.0

NAT Q1= 670. RATIOS LOR,CH,ROB= 0.0 0.5136 0.4864 WSEL= 687.27

| SECHO | DEPTH | CWSEL | CRIMS | WSELK  | EG   | HV    | HL    | LOSS   | BANK ELEV  |
|-------|-------|-------|-------|--------|------|-------|-------|--------|------------|
| Q     | QLO   | QCH   | QROB  | ALOB   | ACH  | AROR  | VOL   | TWA    | LEFT/RIGHT |
| TIME  | VLOS  | VCH   | VROB  | XBL    | XNCH | XNR   | WIN   | ELMIN  | SSTA       |
| SLOPE | XLOB  | XLCH  | XLOBR | ITRIAL | TDC  | ICONT | COPAR | TOPWID | ENDST      |

|                             |        |        |       |        |         |       |     |        |         |
|-----------------------------|--------|--------|-------|--------|---------|-------|-----|--------|---------|
| 3470 ENCROACHMENT STATIONS= | 1277.0 | 1478.8 | TYPE= | 4      | TARGET= | 0.336 |     |        |         |
| 3600.00                     | 9.47   | 687.47 | 0.0   | 686.47 | 688.27  | 0.80  | 0.0 | 0.0    | 687.50  |
| 3150.                       | 0.     | 2359.  | 791.  | 0.     | 289.    | 313.  | 0.  | 0.     | 686.20  |
| 0.0                         | 0.0    | 8.16   | 2.53  | 0.060  | 0.040   | 0.060 | 0.0 | 679.00 | 1277.03 |
| 0.004299                    | 3600.  | 3600.  | 3600. | 0      | 0       | 0     | 0.0 | 201.73 | 1478.76 |

\*SECHO 3700.000

2800 NAT Q1= 884.05 WSEL= 687.24 ENC Q1= 884.05 WSEL= 688.04 RATIO= 0.0

NAT Q1= 1155. RATIOS LOR,CH,ROB= 0.0892 0.3448 0.5660 WSEL= 688.04

3301 HV CHANGED MORE THAN HVINS

|                             |        |        |       |        |         |       |       |        |         |
|-----------------------------|--------|--------|-------|--------|---------|-------|-------|--------|---------|
| 3470 ENCROACHMENT STATIONS= | 1380.2 | 1557.8 | TYPE= | 4      | TARGET= | 0.235 |       |        |         |
| 3700.00                     | 10.19  | 688.29 | 0.0   | 687.24 | 688.52  | 0.23  | 0.20  | 0.06   | 679.80  |
| 3150.                       | 217.   | 1394.  | 1538. | 92.    | 269.    | 662.  | 2.    | 0.     | 683.10  |
| 0.01                        | 2.37   | 5.18   | 2.33  | 0.060  | 0.040   | 0.060 | 0.040 | 678.10 | 1380.23 |
| 0.001120                    | 100.   | 100.   | 100.  | 2      | 0       | 0     | 0.0   | 177.52 | 1557.76 |

SPECIAL BRIDGE

5070.VARIABLE ELCHD OR ELCHD ON CARD SB NOT SPECIFIED

SB XB XCOR CDEF ROLEN RWC RWP BAREA SS EI CHU FLCHD

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 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977  
 ERROR CORR - 01  
 MODIFICATION - 50,51,52  
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NOTE- ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

100 YEAR FLOOD WATER SUR

SUMMARY PRINTOUT

| SECNO     | XLCH    | ELTRD  | ELLC   | Q       | ELMIN  | CWSEL  | CRINS  | VCH   | SSTA        | ENDST       | AREA    | DIFWSP |     |
|-----------|---------|--------|--------|---------|--------|--------|--------|-------|-------------|-------------|---------|--------|-----|
|           |         |        |        |         |        |        |        |       | L           | R           |         |        |     |
| 3600.000  | 2600.00 | 0.0    | 0.0    | 3150.00 | 678.00 | 686.47 | 0.0    | 8.12  | 1278.01     | 1710.79     | 690.55  | 0.0    |     |
| 3600.000  | 3600.00 | 0.0    | 0.0    | 3150.00 | 678.00 | 687.47 | 0.0    | 8.16  | 1277.031216 | 1478.76     | 601.76  | 1.00   |     |
|           |         |        |        |         |        |        |        |       | 19          | 183         |         |        |     |
| 3700.000  | 100.00  | 0.0    | 0.0    | 3150.00 | 678.10 | 687.24 | 0.0    | 5.10  | 1357.04     | 1667.64     | 1188.93 | 0.0    |     |
| 3700.000  | 100.00  | 0.0    | 0.0    | 3150.00 | 678.10 | 688.29 | 0.0    | 5.18  | 1380.23     | 1557.76     | 1022.23 | 1.05   |     |
| 3719.000  | 19.00   | 689.00 | 638.40 | 3150.00 | 678.10 | 637.26 | 0.0    | 5.08  | 1356.97     | 1667.80     | 1193.09 | 0.0    |     |
| 3719.000  | 19.00   | 689.00 | 638.40 | 3150.00 | 678.10 | 638.06 | 0.0    | 4.13  | 1353.11     | 1677.43     | 1447.09 | 0.80   |     |
| 3819.000  | 100.00  | 0.0    | 0.0    | 3150.00 | 678.20 | 687.33 | 0.0    | 6.11  | 1277.37     | 1727.51     | 981.94  | 0.0    |     |
| 3819.000  | 100.00  | 0.0    | 0.0    | 3150.00 | 678.20 | 688.32 | 0.0    | 6.19  | 1275.631216 | 1511.95     | 845.91  | 1.00   |     |
|           |         |        |        |         |        |        |        |       | 20          | 216         |         |        |     |
| 6050.000  | 2231.00 | 0.0    | 0.0    | 3100.00 | 684.30 | 694.05 | 694.05 | 4.8   | 9.48        | 1233.8813   | 1618.83 | 645.84 | 0.0 |
| 6050.000  | 2231.00 | 0.0    | 0.0    | 3100.00 | 684.30 | 693.63 | 693.63 | 12.68 | 1331.07     | 1434.96     | 273.50  | -0.42  |     |
|           |         |        |        |         |        |        |        |       | 129         | 256         |         |        |     |
| 9290.000  | 3240.00 | 0.0    | 0.0    | 3000.00 | 695.50 | 703.28 | 703.28 | 4.9   | 9.72        | 1122.95     | 1438.92 | 615.34 | 0.0 |
| 9290.000  | 3240.00 | 0.0    | 0.0    | 3000.00 | 695.50 | 704.91 | 0.0    | 8.80  | 1149.661171 | 1261.18     | 514.26  | 1.63   |     |
|           |         |        |        |         |        |        |        |       | 28          | 84          |         |        |     |
| 12186.000 | 4896.00 | 0.0    | 0.0    | 2900.00 | 705.00 | 714.91 | 0.0    | 5.71  | 1180.08     | 1684.79     | 1018.92 | 0.0    |     |
| 12186.000 | 5896.00 | 0.0    | 0.0    | 2900.00 | 705.00 | 715.28 | 0.0    | 6.93  | 1297.721357 | 1498.31     | 646.37  | 0.37   |     |
|           |         |        |        |         |        |        |        |       | 70          | 131         |         |        |     |
| 13286.000 | 100.00  | 0.0    | 0.0    | 2900.00 | 706.70 | 714.60 | 0.0    | 8.93  | 1277.01     | 1401.36     | 324.59  | 0.0    |     |
| 13286.000 | 100.00  | 0.0    | 0.0    | 2900.00 | 706.70 | 715.39 | 0.0    | 7.79  | 1276.42     | 1340.88     | 372.43  | 0.79   |     |
| 13314.000 | 28.00   | 723.70 | 723.60 | 2900.00 | 706.70 | 715.00 | 0.0    | 8.31  | 1249.98     | 1472.97     | 362.98  | 0.0    |     |
| 13314.000 | 28.00   | 723.70 | 723.60 | 2900.00 | 706.70 | 715.80 | 0.0    | 6.86  | 1232.92     | 1657.29     | 550.73  | 0.80   |     |
| 13414.000 | 100.00  | 0.0    | 0.0    | 2900.00 | 708.40 | 717.43 | 717.43 | 8.08  | 6.65        | 1214.211367 | 1650.26 | 593.56 | 0.0 |
| 13414.000 | 100.00  | 0.0    | 0.0    | 2900.00 | 708.40 | 717.32 | 717.32 | 11.56 | 1336.22     | 1435.67     | 274.56  | -0.10  |     |
|           |         |        |        |         |        |        |        |       | 153         | 283         |         |        |     |
| 15490.000 | 2076.00 | 0.0    | 0.0    | 2730.00 | 713.10 | 721.38 | 0.0    | 4.26  | 1215.18     | 1778.62     | 1485.20 | 0.0    |     |
| 15490.000 | 2076.00 | 0.0    | 0.0    | 2730.00 | 713.10 | 722.35 | 0.0    | 4.12  | 1403.011582 | 1676.58     | 1246.63 | 0.97   |     |
|           |         |        |        |         |        |        |        |       | 179         | 95          |         |        |     |
| 17289.000 | 1799.00 | 0.0    | 0.0    | 2700.00 | 715.40 | 723.55 | 723.55 | 9.13  | 1368.091685 | 1768.20     | 549.77  | 0.0    |     |
| 17289.000 | 1799.00 | 0.0    | 0.0    | 2700.00 | 715.40 | 724.16 | 724.16 | 9.76  | 1556.27     | 1727.27     | 425.54  | 0.60   |     |
|           |         |        |        |         |        |        |        |       | 317         | 83          |         |        |     |
| 17489.000 | 200.00  | 0.0    | 0.0    | 2700.00 | 716.50 | 724.86 | 724.86 | 11.29 | 1566.42     | 1662.05     | 293.74  | 0.0    |     |
| 17489.000 | 200.00  | 0.0    | 0.0    | 2700.00 | 716.50 | 725.35 | 0.0    | 11.35 | 1624.00     | 1663.00     | 237.93  | 0.49   |     |

| SFCNO     | XLCH    | ELTRD  | ELLC   | Q       | ELMIN  | CWSEL  | CRWS   | VCH   | SSTA    | ENOST   | AREA    | DIFWS |
|-----------|---------|--------|--------|---------|--------|--------|--------|-------|---------|---------|---------|-------|
| 17711     |         |        |        |         |        |        |        |       |         |         |         |       |
| 17510.000 | 21.00   | 729.50 | 727.60 | 2700.00 | 716.50 | 724.86 | 0.0    | 11.28 | 1566.36 | 1662.07 | 294.02  | 0.0   |
| 17510.000 | 21.00   | 729.50 | 727.60 | 2700.00 | 716.50 | 725.46 | 0.0    | 9.76  | 1553.09 | 1710.46 | 367.05  | 0.60  |
| 17911     |         |        |        |         |        |        |        |       |         |         |         |       |
| 17710.000 | 200.00  | 0.0    | 0.0    | 2700.00 | 717.60 | 727.26 | 0.0    | 4.49  | 1203.03 | 1799.13 | 1266.41 | 0.0   |
| 17710.000 | 200.00  | 0.0    | 0.0    | 2700.00 | 717.60 | 727.78 | 0.0    | 4.86  | 1454.88 | 1717.75 | 1023.99 | 0.52  |
| 185.01    |         |        |        |         |        |        |        |       |         |         |         |       |
| 184.600   | 750.00  | 0.0    | 0.0    | 2700.00 | 719.11 | 728.38 | 0.0    | 5.33  | 1211.38 | 1791.24 | 1040.57 | 0.0   |
| 184.600   | 750.00  | 0.0    | 0.0    | 2700.00 | 719.11 | 728.94 | 0.0    | 5.71  | 1479.45 | 1743.58 | 853.50  | 0.56  |
| 115.41    |         |        |        |         |        |        |        |       |         |         |         |       |
| 192.000   | 740.00  | 0.0    | 0.0    | 2500.00 | 720.59 | 729.89 | 729.77 | 8.69  | 1062.71 | 1533.79 | 611.21  | 0.0   |
| 192.000   | 740.00  | 0.0    | 0.0    | 2500.00 | 720.59 | 730.43 | 0.0    | 9.32  | 1195.55 | 1441.73 | 502.32  | 0.54  |
| 192.000   | 750.00  | 0.0    | 0.0    | 2500.00 | 722.10 | 732.05 | 0.0    | 6.23  | 1048.88 | 1543.44 | 922.20  | 0.0   |
| 19450.000 | 750.00  | 0.0    | 0.0    | 2500.00 | 722.10 | 732.74 | 0.0    | 6.35  | 1177.80 | 1457.06 | 790.24  | 0.69  |
| 22541     |         |        |        |         |        |        |        |       |         |         |         |       |
| 22200.000 | 2250.00 | 0.0    | 0.0    | 2400.00 | 726.70 | 736.52 | 0.0    | 6.03  | 1143.58 | 1619.85 | 888.98  | 0.0   |
| 22200.000 | 2250.00 | 0.0    | 0.0    | 2400.00 | 726.70 | 737.06 | 0.0    | 6.47  | 1315.66 | 1527.91 | 673.77  | 0.54  |
| 22640     |         |        |        |         |        |        |        |       |         |         |         |       |
| 22299.000 | 99.00   | 0.0    | 0.0    | 2400.00 | 729.30 | 739.16 | 739.16 | 8.25  | 1097.65 | 1549.36 | 510.02  | 0.0   |
| 22299.000 | 99.00   | 0.0    | 0.0    | 2400.00 | 729.30 | 736.82 | 736.82 | 14.07 | 1503.86 | 1533.31 | 174.58  | -2.34 |
| 22320.000 | 21.00   | 743.00 | 741.20 | 2400.00 | 729.30 | 739.26 | 0.0    | 7.87  | 1097.21 | 1549.64 | 558.14  | 0.0   |
| 22320.000 | 21.00   | 743.00 | 741.20 | 2400.00 | 729.30 | 739.86 | 0.0    | 5.96  | 1094.69 | 1567.88 | 834.64  | 0.60  |
| 22420.000 | 100.00  | 0.0    | 0.0    | 2400.00 | 730.90 | 739.90 | 739.90 | 4.09  | 1184.81 | 1595.11 | 523.35  | 0.0   |
| 22420.000 | 100.00  | 0.0    | 0.0    | 2400.00 | 730.90 | 739.91 | 739.91 | 11.29 | 1403.62 | 1515.87 | 317.46  | 0.01  |
| 23200.000 | 780.00  | 0.0    | 0.0    | 2400.00 | 733.02 | 743.11 | 0.0    | 5.30  | 1130.14 | 1627.92 | 1019.88 | 0.0   |
| 23200.000 | 780.00  | 0.0    | 0.0    | 2400.00 | 733.02 | 743.92 | 0.0    | 5.25  | 1300.90 | 1534.87 | 850.22  | 0.81  |
| 23300.000 | 790.00  | 0.0    | 0.0    | 2250.00 | 735.10 | 745.30 | 0.0    | 2.53  | 1149.38 | 1628.69 | 1492.25 | 0.0   |
| 23300.000 | 790.00  | 0.0    | 0.0    | 2250.00 | 735.10 | 745.92 | 0.0    | 2.65  | 1275.59 | 1594.17 | 1338.72 | 0.62  |
| 24720.000 | 780.00  | 0.0    | 0.0    | 2250.00 | 737.30 | 747.83 | 0.0    | 2.21  | 1133.05 | 1632.67 | 1689.93 | 0.0   |
| 24770.000 | 780.00  | 0.0    | 0.0    | 2250.00 | 737.30 | 748.43 | 0.0    | 2.32  | 1257.55 | 1596.70 | 1510.31 | 0.60  |
| 25110.000 | 1740.00 | 0.0    | 0.0    | 2090.00 | 742.50 | 750.47 | 0.0    | 3.93  | 1183.99 | 1756.16 | 1163.37 | 0.0   |
| 25110.000 | 1740.00 | 0.0    | 0.0    | 2090.00 | 742.50 | 751.06 | 0.0    | 4.19  | 1319.50 | 1601.21 | 916.70  | 0.59  |
| 25210.000 | 100.00  | 0.0    | 0.0    | 2090.00 | 743.10 | 751.38 | 751.38 | 8.28  | 1323.41 | 1633.32 | 466.22  | 0.0   |
| 25210.000 | 100.00  | 0.0    | 0.0    | 2090.00 | 743.10 | 751.16 | 751.16 | 10.99 | 1392.18 | 1473.24 | 233.80  | -0.23 |
| 25230.000 | 20.00   | 758.70 | 752.20 | 2090.00 | 743.10 | 751.38 | 0.0    | 8.28  | 1323.38 | 1633.34 | 466.45  | 0.0   |
| 25230.000 | 20.00   | 758.70 | 752.20 | 2090.00 | 743.10 | 751.19 | 751.19 | 10.87 | 1392.15 | 1473.28 | 236.82  | -0.19 |
| 25350.000 | 100.00  | 0.0    | 0.0    | 2090.00 | 743.70 | 752.34 | 0.0    | 2.79  | 1102.62 | 1779.97 | 1553.13 | 0.0   |
| 25350.000 | 100.00  | 0.0    | 0.0    | 2090.00 | 743.70 | 753.13 | 0.0    | 2.79  | 1294.67 | 1628.22 | 1358.03 | 0.78  |
| 27000.000 | 1470.00 | 0.0    | 0.0    | 1870.00 | 750.60 | 754.26 | 0.0    | 7.45  | 1058.88 | 1579.44 | 571.10  | 0.0   |
| 27000.000 | 1470.00 | 0.0    | 0.0    | 1870.00 | 750.60 | 754.78 | 0.0    | 8.78  | 1069.42 | 1428.14 | 473.93  | 0.52  |

SUMMARY OF ERRORS

369.72

322

CAUTION SECONDS: 6050.000 PROFILE= 1 CRITICAL DEPTH ASSUMED  
 CAUTION SECONDS: 6050.000 PROFILE= 1 MINIMUM SPECIFIC ENERGY

|         |                 |            |                                     |
|---------|-----------------|------------|-------------------------------------|
| CAUTION | SECNO= 6050.000 | PROFILE= 2 | CRITICAL DEPTH ASSUMED              |
| CAUTION | SECNO= 6050.000 | PROFILE= 2 | MINIMUM SPECIFIC ENERGY             |
| CAUTION | SECNO= 9290.000 | PROFILE= 1 | CRITICAL DEPTH ASSUMED              |
| CAUTION | SECNO= 9290.000 | PROFILE= 1 | MINIMUM SPECIFIC ENERGY             |
| CAUTION | SECNO=13414.000 | PROFILE= 1 | CRITICAL DEPTH ASSUMED              |
| CAUTION | SECNO=13414.000 | PROFILE= 1 | PROBABLE MINIMUM SPECIFIC ENERGY    |
| CAUTION | SECNO=13414.000 | PROFILE= 1 | 20 TRIALS ATTEMPTED TO BALANCE WSEL |
| CAUTION | SECNO=13414.000 | PROFILE= 2 | CRITICAL DEPTH ASSUMED              |
| CAUTION | SECNO=13414.000 | PROFILE= 2 | PROBABLE MINIMUM SPECIFIC ENERGY    |
| CAUTION | SECNO=13414.000 | PROFILE= 2 | 20 TRIALS ATTEMPTED TO BALANCE WSEL |
| CAUTION | SECNO=17289.000 | PROFILE= 1 | CRITICAL DEPTH ASSUMED              |
| CAUTION | SECNO=17289.000 | PROFILE= 1 | MINIMUM SPECIFIC ENERGY             |
| CAUTION | SECNO=17289.000 | PROFILE= 2 | CRITICAL DEPTH ASSUMED              |
| CAUTION | SECNO=17289.000 | PROFILE= 2 | MINIMUM SPECIFIC ENERGY             |
| CAUTION | SECNO=17489.000 | PROFILE= 1 | CRITICAL DEPTH ASSUMED              |
| CAUTION | SECNO=17489.000 | PROFILE= 1 | MINIMUM SPECIFIC ENERGY             |
| CAUTION | SECNO=22299.000 | PROFILE= 1 | CRITICAL DEPTH ASSUMED              |
| CAUTION | SECNO=22299.000 | PROFILE= 1 | PROBABLE MINIMUM SPECIFIC ENERGY    |
| CAUTION | SECNO=22299.000 | PROFILE= 1 | 20 TRIALS ATTEMPTED TO BALANCE WSEL |
| CAUTION | SECNO=22299.000 | PROFILE= 2 | CRITICAL DEPTH ASSUMED              |
| CAUTION | SECNO=22299.000 | PROFILE= 2 | PROBABLE MINIMUM SPECIFIC ENERGY    |
| CAUTION | SECNO=22299.000 | PROFILE= 2 | 20 TRIALS ATTEMPTED TO BALANCE WSEL |
| CAUTION | SECNO=22320.000 | PROFILE= 2 | HYDRAULIC JUMP D.S.                 |
| CAUTION | SECNO=22420.000 | PROFILE= 1 | CRITICAL DEPTH ASSUMED              |
| CAUTION | SECNO=22420.000 | PROFILE= 1 | MINIMUM SPECIFIC ENERGY             |
| CAUTION | SECNO=22420.000 | PROFILE= 2 | CRITICAL DEPTH ASSUMED              |
| CAUTION | SECNO=22420.000 | PROFILE= 2 | PROBABLE MINIMUM SPECIFIC ENERGY    |
| CAUTION | SECNO=22420.000 | PROFILE= 2 | 20 TRIALS ATTEMPTED TO BALANCE WSEL |
| CAUTION | SECNO=26210.000 | PROFILE= 1 | CRITICAL DEPTH ASSUMED              |
| CAUTION | SECNO=26210.000 | PROFILE= 1 | PROBABLE MINIMUM SPECIFIC ENERGY    |
| CAUTION | SECNO=26210.000 | PROFILE= 1 | 20 TRIALS ATTEMPTED TO BALANCE WSEL |
| CAUTION | SECNO=26210.000 | PROFILE= 2 | CRITICAL DEPTH ASSUMED              |
| CAUTION | SECNO=26210.000 | PROFILE= 2 | PROBABLE MINIMUM SPECIFIC ENERGY    |
| CAUTION | SECNO=26210.000 | PROFILE= 2 | 20 TRIALS ATTEMPTED TO BALANCE WSEL |



FLOODWAY DATA, 100 YEAR FLOOD WATER SUR.  
 PROFILE NO. 2

| STATION     | FLOODWAY      |                 |                  | WATER SURFACE ELEVATION |                     |            |
|-------------|---------------|-----------------|------------------|-------------------------|---------------------|------------|
|             | WIDTH<br>(FT) | SECTION<br>AREA | MEAN<br>VELOCITY | WITH<br>FLOODWAY        | WITHOUT<br>FLOODWAY | DIFFERENCE |
| A 3600.000  | 232.          | 602.            | 5.2              | 687.5                   | 686.5               | 1.0        |
| 3700.000    | 178.          | 1022.           | 3.1              | 608.2                   | 687.2               | 1.0        |
| 3719.000    | 374.          | 1447.           | 2.2              | 688.1                   | 687.3               | 0.8        |
| B 3819.000  | 236.          | 846.            | 8.7              | 688.3                   | 687.3               | 1.0        |
| C 6050.000  | 187.          | 575.            | 11.8             | 693.8                   | 694.1               | -0.3       |
| D 9290.000  | 112.          | 514.            | 5.8              | 704.9                   | 703.3               | 1.6        |
| E 11182.000 | 201.          | 646.            | 4.5              | 715.3                   | 714.9               | 0.4        |
| 13286.000   | 64.           | 372.            | 7.8              | 715.4                   | 714.6               | 0.8        |
| 13314.000   | 352.          | 551.            | 5.3              | 715.8                   | 715.0               | 0.8        |
| F 13414.000 | 138.          | 275.            | 10.6             | 717.4                   | 717.4               | 0.0        |
| G 15480.000 | 274.          | 1247.           | 2.2              | 722.4                   | 721.4               | 1.0        |
| H 17258.000 | 171.          | 426.            | 6.9              | 724.2                   | 723.6               | 0.6        |
| 17489.000   | 39.           | 238.            | 11.3             | 725.4                   | 724.9               | 0.5        |
| 17510.000   | 157.          | 367.            | 7.4              | 725.5                   | 724.9               | 0.6        |
| I 17770.000 | 293.          | 1024.           | 2.6              | 727.6                   | 727.3               | 0.3        |
| 184.600     | 264.          | 854.            | 3.2              | 729.0                   | 728.4               | 0.6        |
| 182.000     | 251.          | 502.            | 5.0              | 730.4                   | 729.9               | 0.5        |
| J 19150.000 | 279.          | 790.            | 3.2              | 732.7                   | 732.0               | 0.7        |
| K 20200.000 | 212.          | 674.            | 3.6              | 737.0                   | 736.5               | 0.5        |
| 22299.000   | 29.           | 175.            | 13.7             | 737.0                   | 739.2               | -2.2       |
| 22320.000   | 477.          | 435.            | 2.9              | 739.9                   | 739.3               | 0.6        |
| L 22420.000 | 112.          | 517.            | 7.4              | 739.9                   | 739.9               | 0.0        |
| 23200.000   | 234.          | 650.            | 2.8              | 743.9                   | 743.1               | 0.8        |
| 23993.000   | 319.          | 1339.           | 1.7              | 745.9                   | 745.3               | 0.6        |
| M 24770.000 | 329.          | 1510.           | 1.5              | 748.4                   | 747.8               | 0.6        |
| N 25110.000 | 242.          | 917.            | 2.3              | 751.1                   | 750.5               | 0.6        |
| 26210.000   | 81.           | 234.            | 8.9              | 751.3                   | 751.4               | -0.1       |
| 26230.000   | 81.           | 237.            | 8.8              | 751.3                   | 751.4               | -0.1       |
| O 26320.000 | 374.          | 1338.           | 1.6              | 753.1                   | 752.3               | 0.8        |
| P 27604.000 | 374.          | 474.            | 3.9              | 754.8                   | 754.3               | 0.5        |

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