
HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977

ERROR CORR - 01

MODIFICATION - 50,51,52

C

T1 EAST SPENCER-ROWAN COUNTY STREAM 4ES UNNAMED STREAM
T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
T3 10 YEAR FLOOD WATER SURFACE PROFILE

HIGH CREEK

J1 ICHECK INQ NINV IDIR STRT METRIC HVINS Q WSEL FQ
-10. 2. 0. 0. 0.002000 0.0 0.0 0. 684.800 0.0

J2 NPROF IPLOT PRFVS XSECV XSECH FN ALLOC IBW CHNIM 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
38.000 39.000 40.000 41.000 43.000 42.000 1.000 2.000 25.000 53.000
54.000 25.000 50.000 0.0 201.000 0.0 0.0 0.0 0.0 0.0

J5 LPRNT NUMSEC *****REQUESTED SECTION NUMBERS*****
-10.000 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

MADE IN U.S.A.

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T3 100 YEAR FLOOD WATER SURFACE PROFILE

| J1 | ICHECK | ING | NINV | IDIR | STRT | METRIC | HVINS | Q | WSEL | FQ |
|----|--------|-----|------|------|----------|--------|-------|----|---------|-----|
| | -10. | 4. | 0. | 0. | 0.002000 | 0.0 | 0.0 | 0. | 687.800 | 0.0 |

| J2 | NPROF | INLOT | PREVS | XSECV | XSECH | FN | ALLDC | IBW | CHNIM | ITRACE |
|----|--------|-------|--------|-------|-------|-----|-------|-----|-------|--------|
| | 15.000 | 0.0 | -1.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

10 YEAR FLOOD WATER SURF

SUMMARY PRINTOUT

| | SECNO | XLCH | ELTRD | ELLC | Q | ELMIN | CHSEL | CRHS | VCH | SSTA | ENDST | AREA | DIFWSP |
|----|---------|--------|--------|--------|--------|--------|--------|--------|------|---------|---------|--------|--------|
| A | 300,000 | 300.00 | 0.0 | 0.0 | 175.00 | 679.60 | 685.64 | 0.0 | 2.04 | 1331.42 | 1450.12 | 154.30 | 0.0 |
| | 300,000 | 300.00 | 0.0 | 0.0 | 425.00 | 679.60 | 686.78 | 0.0 | 2.48 | 1302.96 | 1489.09 | 327.82 | 1.14 |
| | 350,000 | 50.00 | 0.0 | 0.0 | 175.00 | 679.80 | 685.67 | 0.0 | 2.28 | 1332.60 | 1439.19 | 133.98 | 0.0 |
| | 350,000 | 50.00 | 0.0 | 0.0 | 425.00 | 679.80 | 686.81 | 0.0 | 2.46 | 1293.46 | 1478.20 | 295.70 | 1.14 |
| | 380,000 | 30.00 | 686.40 | 682.80 | 175.00 | 679.80 | 687.04 | 0.0 | 0.86 | 1285.95 | 1486.43 | 341.97 | 0.0 |
| | 380,000 | 30.00 | 686.40 | 682.80 | 425.00 | 679.80 | 687.58 | 0.0 | 1.48 | 1269.14 | 1499.79 | 458.60 | 0.54 |
| B | 430,000 | 50.00 | 0.0 | 0.0 | 175.00 | 680.00 | 687.05 | 0.0 | 1.10 | 1306.20 | 1484.66 | 304.22 | 0.0 |
| | 430,000 | 50.00 | 0.0 | 0.0 | 425.00 | 680.00 | 687.58 | 0.0 | 1.95 | 1292.97 | 1501.46 | 408.27 | 0.54 |
| *C | 755,000 | 325.00 | 0.0 | 0.0 | 175.00 | 685.20 | 688.35 | 688.35 | 7.50 | 1383.03 | 1390.28 | 23.56 | 0.0 |
| | 755,000 | 325.00 | 0.0 | 0.0 | 425.00 | 685.20 | 689.81 | 689.81 | 8.87 | 1371.25 | 1399.81 | 55.73 | 1.47 |
| | 830,000 | 75.00 | 0.0 | 0.0 | 175.00 | 685.80 | 689.58 | 0.0 | 6.31 | 1380.94 | 1406.01 | 35.07 | 0.0 |
| | 830,000 | 75.00 | 0.0 | 0.0 | 425.00 | 685.80 | 691.10 | 0.0 | 5.97 | 1368.77 | 1426.93 | 93.54 | 1.52 |
| | 885,000 | 55.00 | 695.10 | 688.30 | 175.00 | 685.80 | 696.03 | 0.0 | 0.32 | 1329.19 | 1524.44 | 721.46 | 0.0 |
| | 885,000 | 55.00 | 695.10 | 688.30 | 425.00 | 685.80 | 696.68 | 0.0 | 0.64 | 1323.96 | 1536.62 | 854.31 | 0.65 |
| D | 960,000 | 75.00 | 0.0 | 0.0 | 175.00 | 685.40 | 696.03 | 0.0 | 0.47 | 1323.00 | 1516.64 | 713.96 | 0.0 |
| | 960,000 | 75.00 | 0.0 | 0.0 | 425.00 | 685.40 | 696.68 | 0.0 | 0.96 | 1317.30 | 1529.60 | 845.41 | 0.65 |

SUMMARY OF ERRORS

CAUTION SECNO= 755,000 PROFILE= 1 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 755,000 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
 CAUTION SECNO= 755,000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
 CAUTION SECNO= 755,000 PROFILE= 2 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 755,000 PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY
 CAUTION SECNO= 755,000 PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL