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

T1 SALISBURY-ROWAN CO. STREAM 11SAL THOMAS STREET CREEK
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-6 JOB NO. 6918
 T3 10 YEAR FLOOD WATER SURFACE PROFILE

J1 ICHECK INC NINV IDIR STRT METRIC HVINS Q WSEL FQ
 -1. 2. 0. 0. 0,013000 0,0 0,0 0. 700,300 0,0

J2 NPROF IPILOT PRFVS XSECV XSECH FN ALLDC IBW CHNIN ITRACE
 0,0 0,0 -1,000 0,0 0,0 0,0 0,0 0,0 0,0 0,0

J3 VARIABLE COLES 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 0,0 201,000 0,0 0,0 0,0 0,0 0,0

J5 LFKNT NUMSEC *****REQUESTED SECTION NUMBERS*****

-10,000 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0
 NC 0,055 0,055 0,035 0,100 0,300 0,0 0,0 0,0 0,0 0,0
 JT 5,000 221,000 458,000 543,000 831,000 543,000 0,0 0,0 0,0 0,0
 ET 5,000 0,0 0,0 0,0 0,0 0,0 -10,400 0,0 0,0 0,0

X1 535,000 21,000 1809,000 1834,000 565,000 585,000 535,000 0,0 0,0 0,0
 GR 713,200 1000,000 714,600 1100,000 713,800 1200,000 711,000 1300,000 708,900 1400,000
 GR 707,500 1500,000 707,500 1600,000 703,400 1700,000 702,200 1800,000 702,500 1809,000
 GR 696,200 1816,000 695,300 1821,000 695,300 1827,000 703,100 1834,000 703,200 1900,000
 GR 702,900 1954,000 709,000 1938,000 709,900 2000,000 713,000 2100,000 714,500 2200,000
 GR 717,600 2300,000 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0

X1 635,000 0,0 0,0 0,0 50,000 50,000 50,000 0,0 0,300 0,0
 NC 0,025 0,025 0,025 0,100 0,300 0,0 0,0 0,0 0,0 0,0

X1 685,000 41,000 3096,500 3103,500 50,000 50,000 50,000 0,0 0,0 0,0
 GR 722,000 1000,000 721,300 1100,000 726,200 1200,000 717,800 1300,000 714,900 1400,000
 GR 713,200 1500,000 712,800 1600,000 712,300 1700,000 711,200 1800,000 710,400 1900,000
 GR 709,700 2000,000 709,800 2100,000 710,900 2200,000 712,000 2300,000 712,100 2400,000
 GR 711,300 2500,000 709,500 2600,000 709,500 2700,000 708,700 2800,000 707,900 2900,000
 GR 707,100 3000,000 707,000 3068,000 705,600 3082,000 700,800 3096,500 699,000 3097,000
 GR 697,900 3098,000 697,500 3099,000 697,300 3100,000 697,500 3101,000 697,900 3102,000
 GR 699,000 3103,000 700,600 3103,500 705,700 3119,000 706,000 3121,000 709,100 3200,000
 GR 711,500 3300,000 713,700 3450,000 716,000 3500,000 718,200 3600,000 721,000 3700,000
 GR 722,500 3788,000 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0
 SB 0,900 1,500 2,500 0,0 7,000 0,010 38,500 0,0 0,0 0,0

MADE IN U.S.A.

X1	766,000	0.0	0.0	0.0	81,000	81,000	81,000	0.0	0.0	0.0
X2	0.0	0.3	1,000	704,300	707,000	0.0	0.0	0.0	0.0	0.0
BT	37,000	1000,000	722,000	0.0	1100,000	721,300	0.0	1200,000	720,200	0.0
BT	1300,000	717,800	0.0	1400,000	714,900	0.0	1500,000	713,200	0.0	1600,000
BT	712,800	0.0	1700,000	712,300	0.0	1800,000	711,500	0.0	1900,000	710,400
BT	0.0	2000,000	709,700	0.0	2100,000	709,800	0.0	2200,000	710,900	0.0
BT	2300,000	712,000	0.0	2400,000	712,100	0.0	2500,000	711,300	0.0	2600,000
BT	709,500	0.0	2700,000	709,500	0.0	2800,000	708,700	0.0	2900,000	707,900
BT	0.0	3000,000	707,100	0.0	3096,500	707,000	700,800	3097,000	707,000	702,600
BT	3098,000	707,000	703,700	3099,000	707,000	704,100	3100,000	707,100	704,300	3101,000
BT	707,000	704,100	3102,000	707,000	703,700	3103,000	707,000	702,600	3103,500	707,000
BT	700,800	3200,000	709,100	0.0	3300,000	711,500	0.0	3400,000	713,700	0.0
BT	3500,000	716,000	0.0	3600,000	710,200	0.0	3700,000	721,000	0.0	3780,000
BT	722,500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	816,000	17,000	1461,000	1498,000	50,000	50,000	50,000	0.0	-1,000	0.0
GR	720,800	1000,000	715,300	1140,000	710,200	1200,000	710,000	1300,000	709,800	1400,000
GR	709,200	1444,000	707,300	1461,000	699,100	1477,000	699,000	1479,000	699,000	1484,000
GR	707,400	1498,000	707,700	1500,000	711,400	1600,000	714,400	1700,000	717,600	1800,000
GR	721,300	1900,000	724,200	2000,000	0.0	0.0	0.0	0.0	0.0	0.0

X1	891,000	0.0	0.0	0.0	75,000	75,000	75,000	0.0	1,000	0.0
BT	5,000	220,000	027,000	540,000	825,000	540,000	0.0	0.0	0.0	0.0

X1	1030,000	18,000	1697,000	1704,000	139,000	139,000	139,000	0.0	-2,900	0.0
GR	725,000	1000,000	722,900	1100,000	718,700	1200,000	716,300	1300,000	717,400	1400,000
GR	716,900	1500,000	715,100	1600,000	712,900	1681,000	704,400	1697,000	703,300	1698,000
GR	703,200	1700,000	703,300	1703,000	703,800	1704,000	712,500	1724,000	712,800	1800,000
GR	715,400	1900,000	720,400	2000,000	725,500	2093,000	0.0	0.0	0.0	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	1080,000	0.0	0.0	0.0	50,000	50,000	50,000	0.0	0,600	0.0
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X1	1130,000	22,000	1696,500	1703,500	50,000	50,000	50,000	0.0	0.0	0.0
GR	725,300	1000,000	721,700	1100,000	717,700	1200,000	715,700	1300,000	716,000	1400,000
GR	716,600	1500,000	713,900	1600,000	711,700	1681,000	705,500	1696,500	703,700	1697,000
GR	702,600	1698,000	702,100	1699,000	702,000	1700,000	702,100	1701,000	702,600	1702,000
GR	703,700	1703,000	705,500	1703,500	711,300	1724,000	711,600	1800,000	714,500	1900,000
GR	719,600	2000,000	725,500	2100,000	0.0	0.0	0.0	0.0	0.0	0.0
GR	0,900	1,500	2,500	0.0	7,000	0,010	38,500	0.0	0.0	0.0

X1	1180,000	0.0	0.0	0.0	50,000	50,000	50,000	0.0	0.0	0.0
X2	0.0	0.0	1,000	709,000	711,800	0.0	0.0	0.0	0.0	0.0
BT	20,000	1000,000	725,200	0.0	1100,000	721,700	0.0	1200,000	717,700	0.0
BT	1300,000	715,700	0.0	1400,000	716,000	0.0	1500,000	715,600	0.0	1600,000
BT	714,300	0.0	1696,500	711,900	705,500	1697,000	711,900	707,300	1698,000	711,900
BT	708,400	1699,000	711,200	708,900	1700,000	711,900	709,000	1701,000	711,900	708,900
BT	1702,000	711,900	708,400	1703,000	711,900	707,300	1703,500	711,900	705,500	1800,000
BT	711,600	0.0	1900,000	714,300	0.0	2000,000	719,600	0.0	2100,000	725,500
BT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	1230,000	18,000	1697,000	1704,000	50,000	50,000	50,000	0.0	-0,800	0.0
GR	725,000	1000,000	722,900	1100,000	718,700	1200,000	716,300	1300,000	717,400	1400,000
GR	716,900	1500,000	715,100	1600,000	712,900	1681,000	704,400	1697,000	703,300	1698,000
GR	703,200	1700,000	703,300	1703,000	703,800	1704,000	712,500	1724,000	712,800	1800,000
GR	715,400	1900,000	720,400	2000,000	725,500	2093,000	0.0	0.0	0.0	0.0

X1	1305,000	0,0	0,0	0,0	75,000	75,000	75,000	0,0	0,800	0,0
DT	5,000	209,000	403,000	510,000	780,000	510,000	0,0	0,0	0,0	0,0

X1	2215,000	12,000	1333,000	1360,000	910,000	910,000	910,000	0,0	-5,500	0,0
GR	737,700	1000,000	733,100	1100,000	728,100	1200,000	722,200	1300,000	721,300	1333,000
GR	717,100	1336,000	716,800	1337,000	717,200	1347,000	722,900	1360,000	724,800	1400,000
GR	731,000	1500,000	737,700	1565,000	0,0	0,0	0,0	0,0	0,0	0,0

X1	2265,000	0,0	0,0	0,0	50,000	50,000	50,000	0,0	1,200	0,0
NC	0,025	0,025	0,025	0,100	0,300	0,0	0,0	0,0	0,0	0,0

X1	2315,000	19,000	1472,000	1476,000	50,000	50,000	50,000	0,0	0,0	0,0
GR	749,100	1000,000	736,500	1000,000	731,900	1237,000	730,000	1279,000	728,000	1280,000
GR	728,000	1320,000	726,900	1337,000	721,000	1437,000	720,100	1470,000	717,000	1472,000
GR	715,600	1472,000	715,600	1476,000	717,000	1476,000	721,700	1497,000	723,600	1537,000
GR	729,800	1637,000	736,500	1702,000	749,100	1822,000	749,100	1900,000	0,0	0,0
SB	0,900	1,500	2,500	0,0	44,000	0,010	871,000	0,0	0,0	0,0

X1	2477,000	0,0	0,0	0,0	162,000	162,000	162,000	0,0	0,0	0,0
X2	0,0	0,0	1,000	747,000	749,100	0,0	0,0	0,0	0,0	0,0
BT	9,000	1000,000	749,100	0,0	1275,000	749,100	747,000	1325,000	749,100	747,000
BT	1325,100	749,100	0,0	1472,000	749,100	719,600	1476,000	749,100	719,600	1476,100
BT	749,100	0,0	1822,000	749,100	0,0	1900,000	749,100	0,0	0,0	0,0
NC	0,055	0,055	0,025	0,100	0,300	0,0	0,0	0,0	0,0	0,0

X1	2527,000	12,000	1333,000	1360,000	50,000	50,000	50,000	0,0	0,0	0,0
GR	737,700	1000,000	733,100	1100,000	728,100	1200,000	722,200	1300,000	721,300	1333,000
GR	717,100	1336,000	716,800	1337,000	717,200	1347,000	722,900	1360,000	724,800	1400,000
GR	731,000	1500,000	737,700	1565,000	0,0	0,0	0,0	0,0	0,0	0,0

X1	2577,000	0,0	0,0	0,0	50,000	50,000	50,000	0,0	1,200	0,0
EJ	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0

MADE IN U.S.A.

HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977

ERROR CORR - 01

MODIFICATION - 50,51,52

T1 SALISBURY-ROWAN CO. STREAM 11SAL
T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 691B
T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INA	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	EQ
	-10.	4.	0.	0.	0.013000	0.0	0.0	0.	703,300	0.0

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLOC	IBW	CHNIM	ITRACE
	15,000	0.0	-1,000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

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	CWSEL	CRIWS	VCH	SSTA	ENDST	AREA	DIFWSP
A	585.000	585.00	0.0	0.0	221.00	695.30	697.89	0.0	7.15	1814.12	1829.33	30.91	0.0
	585.000	585.00	0.0	0.0	543.00	695.30	699.52	0.0	9.31	1812.31	1830.79	58.30	1.63
*	635.000	50.00	0.0	0.0	221.00	696.10	698.51	698.51	7.83	1814.32	1829.17	28.21	0.0
	635.000	50.00	0.0	0.0	543.00	696.10	700.14	700.14	9.88	1812.51	1830.62	54.96	1.62
* B	685.000	50.00	0.0	0.0	221.00	697.30	701.59	701.59	9.23	3094.38	3105.72	25.03	0.0
	685.000	50.00	0.0	0.0	543.00	697.30	703.74	703.74	10.18	3087.63	3112.79	65.82	2.23
C	766.000	81.00	707.00	704.30	221.00	697.30	701.51	0.0	9.19	3094.35	3105.76	25.16	0.0
	766.000	81.00	707.00	704.30	543.00	697.30	707.31	0.0	3.20	2974.25	3154.28	245.31	5.79
	816.000	50.00	0.0	0.0	221.00	698.00	702.91	0.0	2.87	1467.61	1492.19	76.96	0.0
	816.000	50.00	0.0	0.0	543.00	698.00	707.32	0.0	2.47	1451.36	1516.80	230.24	4.41
D	891.000	75.00	0.0	0.0	221.00	699.00	702.95	0.0	4.01	1469.43	1490.59	55.14	0.0
	891.000	75.00	0.0	0.0	543.00	699.00	707.33	0.0	2.98	1460.67	1497.89	182.35	4.37
* E	1030.000	139.00	0.0	0.0	220.00	700.30	703.43	703.43	9.02	1693.36	1709.82	31.58	0.0
	1030.000	139.00	0.0	0.0	540.00	700.30	707.21	0.0	7.16	1686.25	1718.50	123.57	3.78
	1080.000	50.00	0.0	0.0	220.00	700.90	703.96	703.96	8.52	1693.46	1709.70	30.69	0.0
	1080.000	50.00	0.0	0.0	540.00	700.90	707.37	0.0	6.58	1687.07	1717.50	109.88	3.40
*	1130.000	50.00	0.0	0.0	220.00	702.00	706.14	706.14	9.32	1694.90	1705.76	24.51	0.0
	1130.000	50.00	0.0	0.0	540.00	702.00	708.37	708.37	10.39	1689.33	1713.64	63.72	2.23
	1180.000	50.00	711.80	709.00	220.00	702.00	706.15	0.0	9.28	1694.87	1705.80	24.64	0.0
	1180.000	50.00	711.80	709.00	540.00	702.00	712.07	0.0	3.27	1667.43	1817.36	247.35	5.92
	1230.000	50.00	0.0	0.0	220.00	702.40	707.48	0.0	4.61	1689.69	1714.30	71.61	0.0
	1230.000	50.00	0.0	0.0	540.00	702.40	712.04	0.0	4.20	1681.10	1801.75	242.19	4.56
F	1305.000	75.00	0.0	0.0	220.00	703.20	707.53	0.0	5.78	1691.10	1712.58	54.37	0.0
	1305.000	75.00	0.0	0.0	540.00	703.20	712.05	0.0	4.88	1682.61	1722.96	193.90	4.52
* G	2215.000	910.00	0.0	0.0	209.00	711.30	713.57	713.57	7.42	1334.59	1351.26	28.15	0.0
	2215.000	910.00	0.0	0.0	510.00	711.30	715.00	715.00	9.27	1333.57	1354.52	55.04	1.43

MADE IN U.S.A.

SECNO	XLCH	ELTRD	ELLC	N	ELMIN	CWSEL	CRHS	VCH	SSTA	ENDST	AREA	DIFWSP
* 2265.000	50.00	0.0	0.0	209.00	712.50	714.77	714.77	7.41	1334.59	1351.26	28.19	0.0
* 2265.000	50.00	0.0	0.0	510.00	712.50	716.20	716.20	9.25	1333.57	1354.53	55.15	1.43
* H 2315.000	50.00	0.0	0.0	209.00	715.60	719.37	719.37	8.71	1470.47	1486.58	29.42	0.0
* 2315.000	50.00	0.0	0.0	510.00	715.60	721.18	721.18	8.41	1433.97	1494.67	87.61	1.81
I 2477.000	162.00	749.10	747.00	209.00	715.60	719.37	0.0	8.71	1470.47	1486.59	29.43	0.0
2477.000	162.00	749.10	747.00	510.00	715.60	721.18	0.0	8.41	1433.97	1494.67	87.63	1.81
2527.000	50.00	0.0	0.0	209.00	716.80	720.32	0.0	4.07	1333.70	1354.12	51.41	0.0
2527.000	50.00	0.0	0.0	510.00	716.80	721.43	0.0	6.72	1328.24	1356.65	76.18	1.11
* J 2577.000	50.00	0.0	0.0	209.00	718.00	720.27	720.27	7.42	1334.59	1351.26	28.15	0.0
* 2577.000	50.00	0.0	0.0	510.00	718.00	721.70	721.70	9.27	1333.37	1354.52	55.01	1.43

SUMMARY OF ERRORS

CAUTION	SECNO= 635.000	PROFILE= 2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 635.000	PROFILE= 2	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 685.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 685.000	PROFILE= 1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 685.000	PROFILE= 1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 685.000	PROFILE= 2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 685.000	PROFILE= 2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 685.000	PROFILE= 2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 1030.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 1030.000	PROFILE= 1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 1030.000	PROFILE= 1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 1130.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 1130.000	PROFILE= 1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 1130.000	PROFILE= 1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 1130.000	PROFILE= 2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 1130.000	PROFILE= 2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 1130.000	PROFILE= 2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 2215.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 2215.000	PROFILE= 1	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 2215.000	PROFILE= 2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 2215.000	PROFILE= 2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 2215.000	PROFILE= 2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 2265.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 2265.000	PROFILE= 1	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 2265.000	PROFILE= 2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 2265.000	PROFILE= 2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 2265.000	PROFILE= 2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 2315.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 2315.000	PROFILE= 1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO= 2315.000	PROFILE= 1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO= 2315.000	PROFILE= 2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO= 2315.000	PROFILE= 2	PROBABLE MINIMUM SPECIFIC ENERGY