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

T1 SALISBURY-ROWAN CO. STREAM 2SAL HENDERSON BRANCH TRIBUTARY
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 10 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	-1.	2.	0.	0.	0.018000	0.0	0.0	0.	694.600	0.0
J2	WPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	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	26.000	53.000
	54.000	25.000	50.000	0.0	201.000	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
BT	5.000	138.000	278.000	259.000	565.000	259.000	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	305.000	11.000	1308.000	1326.000	305.000	305.000	305.000	0.0	-5.200	0.0
GR	715.200	1000.000	708.100	1100.000	701.400	1200.000	697.700	1300.000	697.800	1308.000
GR	695.000	1310.000	694.600	1315.000	695.100	1320.000	698.300	1326.000	698.500	1334.000
GP	715.200	1368.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	355.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	1.100	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0
X1	405.000	16.000	1323.000	1329.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	715.500	1000.000	706.800	1100.000	704.600	1140.000	699.900	1211.000	696.200	1311.000
GR	696.300	1319.000	695.000	1323.000	692.500	1323.000	692.500	1329.000	695.000	1329.000
GR	696.800	1337.000	697.000	1345.000	700.000	1350.000	706.900	1450.000	714.000	1550.000
GR	715.500	1579.000	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	6.000	0.010	28.500	0.0	0.0	0.0
X1	445.000	0.0	0.0	0.0	40.000	40.000	40.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	697.500	699.600	0.0	0.0	0.0	0.0	0.0
BT	16.000	1000.000	715.500	0.0	1100.000	706.800	0.0	1200.000	701.400	0.0
BT	1300.000	699.700	0.0	1323.000	699.600	697.000	1324.000	699.600	697.200	1325.000
BT	699.600	697.400	1326.000	699.600	697.500	1327.000	699.600	697.400	1328.000	699.600
BT	697.200	1329.000	699.600	697.000	1329.100	699.600	0.0	1350.000	700.000	0.0
BT	1450.000	706.900	0.0	1550.000	714.000	0.0	1579.000	715.000	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	495,000	11,000	1308,000	1326,000	50,000	50,000	50,000	0,0	-1,200	0,0
GR	715,200	1000,000	708,100	1100,000	701,400	1200,000	697,700	1300,000	697,800	1308,000
GP	695,000	1310,000	694,800	1315,000	695,100	1320,000	698,300	1326,000	698,500	1334,000
GR	715,200	1368,000	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0

X1	545,000	0,0	0,0	0,0	50,000	50,000	50,000	0,0	1,200	0,0
QT	5,000	136,000	272,000	242,000	553,000	242,000	0,0	0,0	0,0	0,0

X1	873,000	11,000	1302,000	1308,000	328,000	328,000	328,000	0,0	0,0	0,0
GR	723,100	1000,000	715,300	1100,000	707,700	1200,000	703,600	1302,000	700,600	1304,000
GR	700,500	1305,000	700,500	1306,000	704,100	1308,000	704,500	1316,000	721,800	1400,000
GR	723,100	1408,000	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0

X1	923,000	0,0	0,0	0,0	50,000	50,000	50,000	0,0	1,100	0,0
VC	0,025	0,025	0,025	0,100	0,300	0,0	0,0	0,0	0,0	0,0

X1	973,000	20,000	1480,700	1485,300	50,000	50,000	50,000	0,0	0,0	0,0
GR	728,500	1000,000	724,700	1100,000	723,900	1135,000	718,700	1200,000	711,400	1300,000
GR	710,300	1400,000	707,700	1411,000	707,700	1480,000	706,900	1480,700	705,800	1481,000
GR	704,800	1482,000	704,600	1483,000	704,800	1484,000	705,800	1485,000	706,900	1485,300
GR	708,200	1486,000	708,600	1494,000	721,300	1555,000	726,400	1600,000	728,500	1618,000
SB	0,900	1,500	2,500	0,0	4,600	0,010	16,600	0,0	0,0	0,0

X1	1027,000	0,0	0,0	0,0	54,000	54,000	54,000	0,0	0,0	0,0
X2	0,0	0,0	1,000	709,100	710,300	0,0	0,0	0,0	0,0	0,0
BT	15,000	1000,000	728,500	0,0	1100,000	724,700	0,0	1200,000	718,700	0,0
BT	1300,000	711,400	0,0	1400,000	710,300	0,0	1480,700	713,700	706,900	1481,000
BT	713,700	707,900	1482,000	713,700	708,900	1483,000	713,700	709,100	1484,000	713,700
BT	708,900	1465,000	713,700	707,900	1485,300	713,700	706,900	1500,000	715,000	0,0
BT	1600,000	726,400	0,0	1618,000	728,500	0,0	0,0	0,0	0,0	0,0
VC	0,055	0,055	0,035	0,100	0,300	0,0	0,0	0,0	0,0	0,0

X1	1077,000	11,000	1302,000	1308,000	50,000	50,000	50,000	0,0	5,200	0,0
GR	723,100	1000,000	715,300	1100,000	707,700	1200,000	703,600	1302,000	700,600	1304,000
GR	700,500	1305,000	700,500	1306,000	704,100	1308,000	704,500	1316,000	721,800	1400,000
GR	723,100	1408,000	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0

X1	1127,000	0,0	0,0	0,0	50,000	50,000	50,000	0,0	1,100	0,0
QT	0,000	124,000	207,000	185,000	505,000	185,000	0,0	0,0	0,0	0,0

X1	1390,000	13,000	1219,000	1232,000	263,000	263,000	263,000	0,0	0,0	0,0
GR	732,700	1000,000	721,700	1100,000	718,200	1166,000	712,800	1202,000	712,300	1219,000
GR	709,300	1222,000	709,100	1225,000	709,400	1228,000	714,900	1232,000	715,300	1239,000
GR	723,200	1300,000	731,100	1400,000	732,700	1428,000	0,0	0,0	0,0	0,0

X1	1440,000	0,0	0,0	0,0	50,000	50,000	50,000	0,0	0,100	0,0
VC	0,025	0,025	0,025	0,100	0,300	0,0	0,0	0,0	0,0	0,0

X1	1490,000	19,000	1869,700	1872,200	50,000	50,000	50,000	0,0	0,0	0,0
GR	748,200	1363,000	748,400	1400,000	748,700	1509,000	732,900	1646,000	721,900	1746,000
GR	718,400	1812,000	713,000	1848,000	712,500	1865,000	711,000	1869,700	709,300	1869,700
GR	709,300	1872,200	711,000	1872,200	715,100	1878,000	715,500	1885,000	723,400	1946,000
GR	731,300	2046,000	732,900	2074,000	749,500	2337,000	749,500	2400,000	0,0	0,0
SB	0,900	2,500	2,500	0,0	2,500	0,010	8,800	0,0	0,0	0,0

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T1 SALISBURY-ROWAN CO. STREAM 2SAL
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1	T/CHECK	INO	HINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-10.	4.	0.	0.	0.018000	0.0	0.0	0.	697.600	0.0
J2	NPROF	IPLOT	PREVS	YSECV	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

*PROF 2

CCHV= 0.100 CCHV= 0.300
 *SECNO 305.000

SECNO	DEPTH	CWSEL	CRHS	WSELK	EG	HV	HL	QLOSS	BANK ELEV
0	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3720	CRITICAL DEPTH ASSUMED								
305.00	2.62	692.22	692.22	697.60	695.23	1.01	0.0	0.0	692.60
259.	0.	259.	0.	0.	32.	0.	0.	0.	693.10
0.0	0.0	0.06	0.0	0.055	0.035	0.055	0.0	689.60	1308.27
0.016577	50.	50.	50.	0	17	0	0.0	16.08	1324.35

*SECNO 355.000

SECNO	DEPTH	CWSEL	CRHS	WSELK	EG	HV	HL	QLOSS	BANK ELEV
0	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

7145 MINIMUM SPECIFIC ENERGY

SECNO	DEPTH	CWSEL	CRHS	WSELK	EG	HV	HL	QLOSS	BANK ELEV
0	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3720	CRITICAL DEPTH ASSUMED								
355.00	2.62	693.32	693.32	0.0	694.33	1.01	0.03	0.00	693.70
259.	0.	259.	0.	0.	32.	0.	0.	0.	694.20
0.00	0.0	0.06	0.0	0.055	0.035	0.055	0.034	690.70	1308.27
0.016560	50.	50.	50.	2	5	0	0.0	16.09	1324.35

CCHV= 0.100 CCHV= 0.300

*SECNO 405.000

SECNO	DEPTH	CWSEL	CRHS	WSELK	EG	HV	HL	QLOSS	BANK ELEV
0	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
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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

	SECHO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
H *	305.000	305.00	0.0	0.0	138.00	689.60	691.43	691.43	6.82	1308.83	1322.87	20.23	0.0
*	305.000	305.00	0.0	0.0	259.00	689.60	692.22	692.22	8.06	1308.27	1324.35	32.12	0.79
*	355.000	50.00	0.0	0.0	138.00	690.70	692.53	692.53	6.84	1308.84	1322.86	20.17	0.0
*	355.000	50.00	0.0	0.0	259.00	690.70	693.32	693.32	8.06	1308.27	1324.35	32.13	0.79
*	405.000	50.00	0.0	0.0	138.00	692.50	694.99	694.99	9.22	1323.00	1329.03	14.97	0.0
*	405.000	50.00	0.0	0.0	259.00	692.50	696.91	696.91	6.78	1291.82	1341.38	51.89	1.91
*	445.000	40.00	696.60	697.50	138.00	692.50	695.19	0.0	8.55	1322.42	1329.84	16.27	0.0
	445.000	40.00	696.60	697.50	259.00	692.50	696.91	0.0	6.76	1291.76	1341.47	52.01	1.72
	495.000	50.00	0.0	0.0	138.00	693.60	696.48	0.0	3.79	1304.00	1324.84	36.37	0.0
	495.000	50.00	0.0	0.0	259.00	693.60	697.34	0.0	4.66	1276.97	1334.10	69.13	0.86
D *	545.000	50.00	0.0	0.0	138.00	694.80	696.63	696.63	6.85	1308.84	1322.86	20.16	0.0
*	545.000	50.00	0.0	0.0	259.00	694.80	697.42	697.42	8.05	1308.27	1324.36	32.17	0.80
C *	673.000	328.00	0.0	0.0	136.00	700.50	704.59	704.59	6.36	1277.38	1316.43	32.21	0.0
*	673.000	328.00	0.0	0.0	242.00	700.50	705.20	705.20	7.03	1262.21	1319.39	61.54	0.61
*	923.000	50.00	0.0	0.0	136.00	701.60	705.68	705.68	6.40	1277.55	1316.40	31.94	0.0
*	923.000	50.00	0.0	0.0	242.00	701.60	706.22	706.22	7.45	1268.08	1319.03	57.34	0.54
D *	973.000	50.00	0.0	0.0	136.00	704.60	708.15	708.15	5.24	1409.10	1485.97	46.13	0.0
*	973.000	50.00	0.0	0.0	242.00	704.60	708.34	708.34	6.74	1408.22	1488.86	61.29	0.19
E	1027.000	54.00	710.30	709.10	136.00	704.60	708.15	0.0	5.23	1409.09	1485.97	46.21	0.0
	1027.000	54.00	710.30	709.10	242.00	704.60	708.34	0.0	6.72	1408.27	1488.89	61.42	0.19
*	1077.000	50.00	0.0	0.0	136.00	705.70	709.79	709.79	6.35	1277.32	1316.45	32.30	0.0
*	1077.000	50.00	0.0	0.0	242.00	705.70	710.35	710.35	7.31	1263.48	1319.15	58.68	0.56
F *	1127.000	50.00	0.0	0.0	136.00	706.80	710.88	710.88	6.40	1277.57	1316.40	31.91	0.0
*	1127.000	50.00	0.0	0.0	242.00	706.80	711.45	711.45	7.27	1263.30	1319.18	59.06	0.57
G	1390.000	263.00	0.0	0.0	124.00	709.10	712.67	0.0	4.07	1206.45	1230.38	32.47	0.0
	1390.000	263.00	0.0	0.0	185.00	709.10	713.29	0.0	4.50	1198.71	1230.83	50.85	0.62

SECNO	XLCH	ELTRD	FLLC	R	ELMIN	C4SEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
1440.000	50.00	0.0	0.0	124.00	709.20	712.85	0.0	3.93	1203.65	1230.44	34.56	0.0
1440.000	50.00	0.0	0.0	185.00	709.20	713.48	0.0	4.31	1198.11	1230.90	53.76	0.63
H * 1490.000	50.00	0.0	0.0	124.00	709.30	713.07	713.07	6.65	1847.51	1875.13	24.23	0.0
1490.000	50.00	0.0	0.0	185.00	709.30	713.59	0.0	5.92	1844.09	1875.86	39.42	0.51
X 1867.000	377.00	74A.20	717.00	124.00	715.30	720.75	0.0	1.69	1836.36	1877.50	81.70	0.0
1867.000	377.00	74A.20	717.00	185.00	715.30	730.74	0.0	0.12	1720.16	1962.99	1436.93	10.00
1917.000	50.00	0.0	0.0	124.00	715.40	720.76	0.0	1.80	1190.94	1231.68	93.30	0.0
1917.000	50.00	0.0	0.0	185.00	715.40	730.74	0.0	0.24	1075.08	1315.72	1427.93	9.98
X 1967.000	50.00	0.0	0.0	124.00	715.50	720.78	0.0	1.86	1191.50	1231.62	39.95	0.0
1967.000	50.00	0.0	0.0	185.00	715.50	730.74	0.0	0.24	1075.98	1314.45	1404.01	9.96

SUMMARY OF ERRORS

CAUTION SECNO= 305.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 305.000 PROFILE= 2 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 355.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 355.000 PROFILE= 1 MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 355.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 355.000 PROFILE= 2 MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 405.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 405.000 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 405.000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 405.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 405.000 PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 405.000 PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 445.000 PROFILE= 1 HYDRAULIC JUMP D.S.

CAUTION SECNO= 545.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 545.000 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 545.000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 545.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 545.000 PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 545.000 PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 873.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 873.000 PROFILE= 1 MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 873.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 873.000 PROFILE= 2 MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 923.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 923.000 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 923.000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 923.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 923.000 PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 923.000 PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 973.000 PROFILE= 1 CRITICAL DEPTH ASSUMED

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T1 SALISBURY-ROWAN CO. STREAM 4SAL MAHALEY BRANCH TRIBUTARY
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-6 JOB NO. 6918
 T3 10 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INQ	MINV	IDFR	STRY	METRIC	RVINS	Q	WSEL	FA
	-1.	2.	0.	0.	0.014000	0.0	0.0	0.	727.200	0.0
J2	NPROF	IPLT	PREVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	TRACE
	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	26.000	53.000
	54.000	25.000	55.000	0.0	201.000	0.0	0.0	0.0	0.0	0.0
J5	LPRT	UNSEC	*****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
BT	5.000	95.000	203.000	287.000	435.000	267.000	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
XS	214.000	12.000	1146.000	1152.000	213.000	213.000	213.000	0.0	-14.300	0.0
GR	740.900	1000.000	732.500	1050.000	727.200	1100.000	724.700	1146.000	722.300	1148.000
GR	722.200	1149.000	722.500	1150.000	724.700	1152.000	725.000	1137.000	732.200	1247.000
GR	734.100	1300.000	740.900	1323.000	0.0	0.0	0.0	0.0	0.0	0.0
XS	263.000	0.0	0.0	0.0	46.000	50.000	50.000	0.0	3.200	0.0
NC	0.055	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0
XS	315.000	29.000	2123.500	2126.500	0.000	50.000	50.000	0.0	0.0	0.0
GR	736.200	1000.000	734.000	1100.000	731.400	1200.000	729.900	1300.000	729.400	1365.000
GR	729.600	1400.000	730.500	1451.000	728.400	1500.000	724.300	1600.000	724.000	1650.000
GR	724.300	1700.000	725.900	1800.000	727.500	1900.000	721.800	2000.000	720.300	2082.000
GR	718.300	2122.500	717.300	2123.500	715.200	2124.000	715.800	2125.000	716.200	2126.000
GR	717.300	2126.500	718.300	2128.000	718.600	2163.000	722.700	2210.000	729.700	2300.900
GR	732.100	2342.000	732.100	2357.000	736.200	2377.000	0.0	0.0	0.0	0.0
GB	0.900	1.500	2.500	0.0	3.000	0.010	7.100	0.0	0.0	0.0
X1	397.000	0.0	0.0	0.0	74.000	74.000	74.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	718.800	719.800	0.0	0.0	0.0	0.0	0.0
BT	25.000	1000.000	736.200	0.0	1100.000	734.000	0.0	1200.000	731.400	0.0
BT	1300.000	729.900	0.0	1365.000	729.400	0.0	1400.000	729.800	0.0	1451.000

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BT	730.500	0.0	1500.000	728.400	0.0	1600.000	724.900	0.0	1650.000	724.000
BT	0.0	1700.000	724.300	0.0	1800.000	725.900	0.0	1900.000	727.500	0.0
BT	2000.000	721.800	0.0	2100.000	719.900	0.0	2123.500	719.800	717.300	2124.000
BT	719.800	718.400	2125.000	719.800	718.800	2126.000	719.800	718.400	2126.500	719.800
BT	717.300	2200.000	722.000	0.0	2300.000	729.700	0.0	2342.000	732.100	0.0
BT	2357.000	732.200	0.0	2377.000	736.200	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	437.000	12.000	1146.000	1152.000	50.000	50.000	50.000	0.0	-3.200	0.0
GR	740.900	1000.000	732.500	1030.000	727.200	1100.000	724.700	1146.000	722.300	1148.000
GR	722.200	1149.000	722.500	1150.000	724.700	1152.000	725.000	1187.000	732.200	1247.000
GR	734.100	1300.000	740.900	1363.000	0.0	0.0	0.0	0.0	0.0	0.0

X1	487.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	3.200	0.0
QT	5.000	75.000	160.000	212.000	354.000	212.000	0.0	0.0	0.0	0.0

X1	545.000	12.000	1178.000	1203.000	50.000	50.000	50.000	0.0	-3.700	0.0
GR	745.200	1000.000	739.400	1073.000	736.200	1100.000	730.100	1152.000	729.900	1178.000
GR	726.500	1138.000	726.400	1191.000	726.600	1196.000	729.600	1203.000	731.200	1244.000
GR	737.600	1300.000	745.200	1382.000	0.0	0.0	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	595.000	18.000	1246.500	1249.500	50.000	50.000	50.000	0.0	0.0	0.0
GR	747.000	1000.000	740.200	1100.000	737.600	1130.000	734.400	1157.000	728.300	1209.000
GR	725.100	1235.000	726.100	1246.500	725.000	1247.000	724.600	1248.000	725.000	1249.000
GR	726.100	1249.500	727.800	1260.000	729.400	1301.000	730.000	1310.000	731.500	1400.000
GR	732.100	1424.000	732.700	1494.000	732.700	1500.000	0.0	0.0	0.0	0.0
SB	0.900	1.500	2.500	0.0	3.000	0.010	7.100	0.0	0.0	0.0

X1	632.000	0.0	0.0	0.0	57.000	57.000	57.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	727.600	0.0	0.0	0.0	0.0	0.0	0.0
BT	13.000	1000.000	747.000	0.0	1100.000	740.200	0.0	1200.000	732.900	0.0
BT	1246.500	730.600	726.100	1247.000	730.600	727.200	1248.000	730.500	727.600	1249.000
BT	730.600	727.200	1249.500	730.600	726.100	1300.000	729.800	0.0	1400.000	731.500
BT	0.0	1424.000	732.100	0.0	1494.000	732.700	0.0	1500.000	732.700	0.0
IC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	702.000	12.000	1178.000	1203.000	50.000	50.000	50.000	0.0	-0.900	0.0
GR	745.200	1000.000	739.400	1073.000	736.200	1100.000	730.100	1152.000	729.900	1178.000
GR	726.500	1138.000	726.400	1191.000	726.600	1196.000	729.600	1203.000	731.200	1244.000
GR	737.600	1300.000	745.200	1382.000	0.0	0.0	0.0	0.0	0.0	0.0

X1	752.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.900	0.0
QT	5.000	64.000	138.000	196.000	312.000	186.000	0.0	0.0	0.0	0.0

X1	971.000	14.000	1343.000	1359.000	219.000	219.000	219.000	0.0	0.0	0.0
GR	734.900	1000.000	749.700	1100.000	742.500	1200.000	740.600	1300.000	737.500	1343.000
GR	730.600	1351.000	731.400	1353.000	731.400	1355.000	739.300	1359.000	738.600	1400.000
GR	732.200	1440.000	741.300	1509.000	752.000	1500.000	754.900	1672.000	0.0	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 4SAL
T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	-10.	4.	0.	0.	0.014000	0.0	0.0	0.	730.200	0.0
J2	NPROF	IPLT	PRFS	XSECV	XSECH	FN	ALOC	IBW	CHNIN	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	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
* A	213.000	213.00	0.0	0.0	98.00	797.90	711.03	711.03	5.20	1134.35	1189.78	34.26	0.0
*	213.000	213.00	0.0	0.0	267.00	707.90	711.62	711.62	7.25	1123.56	1194.66	71.35	0.59
*	263.000	50.00	0.0	0.0	98.00	711.10	714.20	714.20	5.45	1135.01	1189.48	32.29	0.0
*	263.000	50.00	0.0	0.0	267.00	711.10	714.78	714.78	7.54	1124.29	1194.33	68.54	0.58
* B	313.000	50.00	0.0	0.0	98.00	715.80	718.90	718.90	5.49	2109.92	2166.48	31.34	0.0
*	313.000	50.00	0.0	0.0	267.00	715.80	719.31	719.31	7.74	2101.83	2171.12	56.78	0.40
* C	387.000	74.00	719.80	718.30	98.00	715.80	720.38	0.0	0.93	2077.26	2183.48	149.92	0.0
*	387.000	74.00	719.80	718.30	267.00	715.80	721.03	0.0	1.56	2041.90	2190.90	232.48	0.65
*	437.000	50.00	0.0	0.0	98.00	719.00	722.11	722.11	5.33	1134.70	1189.62	33.21	0.0
*	437.000	50.00	0.0	0.0	267.00	719.00	722.73	722.73	7.15	1123.31	1194.77	72.30	0.62
* D	487.000	50.00	0.0	0.0	98.00	722.20	725.31	725.31	5.33	1134.71	1189.61	33.17	0.0
*	487.000	50.00	0.0	0.0	267.00	722.20	725.87	725.87	7.62	1124.50	1194.24	67.77	0.55
*	545.000	50.00	0.0	0.0	75.00	722.70	725.72	0.0	1.65	1179.40	1202.59	45.43	0.0
*	545.000	50.00	0.0	0.0	212.00	722.70	726.44	0.0	3.32	1151.68	1215.83	70.31	0.72
* E	595.000	50.00	0.0	0.0	75.00	724.60	727.36	727.36	6.14	1239.23	1257.31	16.49	0.0
*	595.000	50.00	0.0	0.0	212.00	724.60	728.33	728.33	6.73	1208.75	1273.54	45.36	0.95
* F	632.000	57.00	729.80	727.80	75.00	724.60	729.89	0.0	0.55	1185.41	1308.40	187.33	0.0
*	632.000	57.00	729.80	727.80	212.00	724.60	730.89	0.0	0.83	1186.90	1363.50	329.70	0.99
*	702.000	50.00	0.0	0.0	75.00	725.50	729.69	0.0	0.60	1146.14	1233.43	119.71	0.0
*	702.000	50.00	0.0	0.0	212.00	725.50	730.87	0.0	1.50	1157.72	1248.88	219.71	0.99
* G	752.000	50.00	0.0	0.0	75.00	726.40	729.68	0.0	1.32	1178.03	1210.45	57.80	0.0
*	752.000	50.00	0.0	0.0	212.00	726.40	730.86	0.0	2.31	1145.54	1235.23	125.93	0.97
* H	871.000	219.00	0.0	0.0	64.00	730.30	732.66	732.66	6.63	1348.38	1355.64	9.65	0.0
*	871.000	219.00	0.0	0.0	186.00	730.30	734.08	734.08	8.62	1346.80	1356.36	21.37	1.42

SUMMARY OF ERRORS

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

T1 SALISBURY-ROWAN CO. STREAM 2SAL HENDERSON BRANCH TRIBUTARY
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-6 JOB NO. 6910
 T3 10 YEAR FLOOD WATER SURFACE PROFILE

J1 ICHECK IJG MINV IDIR STRT METRIC HVINS Q WSEL FO
 -1. 2. 0. 0. 0.018000 0.0 0.0 0. 694,600 0.0

J2 NPROF IPILOT PRFVS XSECV XSECH FN ALLDC ISW 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 26,000 55,000

54,000 25,000 50,000 0.0 201,000 0.0 0.0 0.0 0.0 0.0

J5 LPRINT 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
 BT 5,000 139,000 279,000 359,000 568,000 359,000 0.0 0.0
 ET 5,000 0.0 0.0 0.0 0.0 -10,400 0.0 0.0 0.0

XJ 305,000 11,000 1308,000 1326,000 305,000 305,000 305,000 0.0 -5,200 0.0
 GR 715,200 1000,000 706,100 1100,000 701,400 1200,000 697,700 1300,000 697,800 1308,000
 GP 695,000 1310,000 694,800 1313,000 695,100 1320,000 690,300 1326,000 698,500 1334,000
 GK 715,200 1368,000 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

XJ 355,000 0.0 0.0 0.0 50,000 50,000 50,000 0.0 1,100 0.0
 NC 0.025 0.025 0.025 0.100 0.300 0.0 0.0 0.0 0.0 0.0

X1 405,000 16,000 1323,000 1329,000 50,000 50,000 50,000 0.0 0.0 0.0
 GR 715,500 1000,000 706,800 1100,000 704,600 1140,000 699,900 1211,000 696,200 1311,000
 GP 696,300 1319,000 695,000 1323,000 692,500 1323,000 692,500 1329,000 695,000 1329,000
 GR 695,800 1337,000 697,000 1345,000 700,000 1350,000 706,200 1450,000 714,000 1550,000
 GR 715,500 1579,000 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 5,000 0.010 28,500 0.0 0.0 0.0

X1 445,000 0.0 0.0 0.0 40,000 40,000 40,000 0.0 0.0 0.0
 X2 0.0 0.0 1,000 697,500 699,600 0.0 0.0 0.0 0.0 0.0
 BT 16,000 1000,000 715,500 0.0 1100,000 706,800 0.0 1200,000 701,400 0.0
 BT 1300,000 699,700 0.0 1323,000 699,600 697,000 1324,000 699,600 697,200 1325,000
 BT 699,600 697,400 1326,000 699,600 697,500 1327,000 699,600 697,400 1328,000 699,600
 BT 697,200 1329,000 699,600 697,000 1329,100 699,600 0.0 1350,000 700,000 0.0