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HEC2 RELEASE DATED NOV 76 (UPDATED FEB 1977)

ERROR CORR - 01

MODIFICATION - 50,51,52

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T1 SALISBURY-ROWAN CO. STREAM// 15SAL VANCE AVENUE BRANCH  
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918  
 T3 10 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	ING	NINV	IOIR	STRT	METRIC	HVINS	Q	WSEL	FO
	-1.	2.	0.	0.	0.039000	0.0	0.0	0.	707.100	0.0

J2	NPROF	IPLT	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	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	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	
NC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0	
OT	5.000	194.000	477.000	478.000	756.000	478.000	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	200.000	10.000	1335.000	1357.000	200.000	200.000	200.000	0.0	0.0	0.0
GR	718.800	1000.000	715.200	1100.000	712.400	1200.000	709.700	1300.000	709.700	1335.000
GR	703.800	1352.000	702.100	1353.000	702.300	1354.000	702.300	1355.000	703.900	1357.000
GR	711.900	1396.000	712.000	1400.000	712.300	1500.000	712.500	1600.000	713.900	1700.000
GR	713.800	1000.000	713.500	1900.000	720.600	1950.000	0.0	0.0	0.0	0.0
OT	5.000	182.000	355.000	452.000	698.000	452.000	0.0	0.0	0.0	0.0

X1	450.000	14.000	1327.000	1337.000	250.000	250.000	250.000	0.0	-4.100	0.0
GR	722.700	1000.000	719.700	1100.000	715.200	1200.000	712.000	1300.000	710.800	1327.000
GR	707.000	1331.000	706.500	1332.000	706.700	1335.000	710.400	1337.000	711.800	1344.000
GR	713.100	1400.000	717.400	1500.000	722.500	1600.000	725.700	1686.000	0.0	0.0

X1	500.000	0.0	0.0	0.0	50.000	50.000	50.000	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	550.000	21.000	1324.000	1328.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	719.300	1000.000	715.800	1100.000	713.200	1200.000	713.000	1243.000	711.500	1294.000
GR	710.300	1321.000	706.000	1324.000	706.300	1325.000	706.000	1326.000	706.300	1327.000
GR	708.000	1328.000	709.900	1331.000	711.300	1338.000	712.600	1394.000	714.300	1437.000
GR	715.700	1500.000	718.500	1600.000	722.000	1700.000	725.600	1800.000	727.300	1900.000
GR	729.400	2000.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MADE IN U.S.A.

SB	0.900	1.500	2.500	0.0	4.000	0.010	12.400	0.0	0.0	1500.000	0.0
X1	614.000	0.0	0.0	0.0	64.000	64.000	64.000	0.0	0.0	0.0	0.0
X2	0.0	0.0	1.000	710.000	712.700	0.0	0.0	0.0	0.0	0.0	0.0
BT	16.000	1000.000	719.300	0.0	1100.000	715.800	0.0	1200.000	713.200	0.0	0.0
BT	1300.000	712.700	0.0	1324.000	712.800	700.000	1325.000	712.800	709.700	1326.000	0.0
BT	712.800	710.000	1227.000	712.800	709.700	1328.000	712.800	708.000	1400.000	713.500	0.0
BT	0.0	1500.000	715.700	0.0	1600.000	718.500	0.0	1700.000	722.000	0.0	0.0
BT	1800.000	725.600	0.0	1900.000	727.300	0.0	2000.000	729.400	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	0.0
X1	664.000	14.000	1327.000	1337.000	50.000	50.000	50.000	0.0	-0.100	0.0	0.0
GR	722.700	1000.000	719.700	1100.000	715.200	1200.000	712.000	1300.000	710.800	1327.000	0.0
GR	707.000	1331.000	706.500	1332.000	706.700	1335.000	710.400	1337.000	711.800	1344.000	0.0
GR	713.100	1400.000	717.400	1500.000	722.500	1600.000	725.700	1686.000	0.0	0.0	0.0
X1	739.000	0.0	0.0	0.0	75.000	75.000	75.000	0.0	0.100	0.0	0.0
QT	5.000	164.000	319.000	407.000	630.000	407.000	0.0	0.0	0.0	0.0	0.0
X1	1220.000	11.000	1295.000	1315.000	481.000	481.000	481.000	0.0	-5.100	0.0	0.0
GR	740.500	1000.000	735.200	1100.000	728.900	1200.000	724.300	1295.000	720.600	1300.000	0.0
GR	720.600	1303.000	720.600	1306.000	726.200	1315.000	732.000	1400.000	737.500	1500.000	0.0
GR	741.700	1557.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	1270.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.200	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	0.0
X1	1320.000	16.000	1498.500	1501.500	50.000	50.000	50.000	0.0	0.0	0.0	0.0
GR	746.200	1000.000	744.000	1100.000	735.600	1197.000	730.300	1297.000	724.000	1397.000	0.0
GR	719.400	1492.000	717.000	1498.500	715.700	1498.500	715.700	1501.500	717.000	1501.500	0.0
GR	721.300	1512.000	727.100	1597.000	732.600	1697.000	736.800	1754.000	739.700	1800.000	0.0
GR	745.500	1897.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SB	0.900	2.500	2.500	0.0	3.000	0.010	9.000	0.0	0.0	0.0	0.0
X1	1520.000	17.000	1498.500	1501.500	200.000	200.000	200.000	0.0	0.0	0.0	0.0
X2	0.0	0.0	1.000	722.000	736.800	0.0	0.0	0.0	0.0	0.0	0.0
BT	12.000	1000.000	746.200	0.0	1100.000	746.000	0.0	1200.000	742.600	0.0	0.0
BT	1300.000	740.700	0.0	1400.000	738.500	0.0	1498.500	736.800	722.000	1501.500	0.0
BT	736.800	722.000	1501.600	736.800	0.0	1600.000	736.900	0.0	1700.000	737.900	0.0
BT	0.0	1800.000	739.700	0.0	1897.000	745.500	0.0	0.0	0.0	0.0	0.0
GR	746.200	1000.000	744.000	1100.000	743.300	1152.000	740.900	1197.000	735.600	1297.000	0.0
GR	729.300	1397.000	724.700	1492.000	722.000	1498.500	721.000	1498.500	721.000	1501.500	0.0
GR	722.000	1501.500	726.600	1512.000	732.400	1597.000	737.900	1697.000	737.900	1700.000	0.0
GR	739.700	1800.000	745.500	1897.000	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	0.0
X1	1570.000	11.000	1295.000	1315.000	50.000	50.000	50.000	0.0	0.400	0.0	0.0
GR	740.500	1000.000	735.200	1100.000	728.900	1200.000	724.300	1295.000	720.600	1300.000	0.0
GR	720.600	1303.000	720.600	1306.000	726.200	1315.000	732.000	1400.000	737.500	1500.000	0.0
GR	741.700	1557.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	1620.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.0	0.0	0.0
QT	5.000	138.000	259.000	344.000	537.000	344.000	0.0	0.0	0.0	0.0	0.0
X1	2020.000	10.000	1300.000	1313.000	400.000	400.000	400.000	0.0	0.0	0.0	0.0
GR	745.200	1000.000	737.400	1100.000	733.300	1200.000	726.100	1300.000	721.500	1305.000	0.0

MADE IN USA

GR	721,500	1307,000	721,500	1309,000	727,500	1313,000	732,300	1400,000	738,500	1500,000
EJ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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 HEC2 RELEASE DATED NOV 76 (UPDATED FEB 1977)  
 ERROR CORR - 01  
 MODIFICATION - 50,51,52  
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T1 SALISBURY-ROWAN COV STREAM 155AL  
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES 3-G JOB NO. C-18  
 T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INQ	NINV	IOIR	STRT	METRIC	HVINS	Q	WSEL	FO
	-10.	4.	0.	0.	0.039000	0.0	0.0	0.	710.100	0.0
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FM	ALLDC	IBW	CHWIN	ITRACE
	15.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MADE IN U.S.A.

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 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

	SECTN	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
* A	200,000	200,00	0,0	0,0	194,00	702,10	705,78	705,78	7,51	1345,13	1366,17	30,68	0,0
*	200,000	200,00	0,0	0,0	478,00	702,10	707,07	707,07	9,07	1340,64	1372,47	64,86	1,29
B	450,000	250,00	0,0	0,0	182,00	702,40	707,71	0,0	4,30	1304,34	1344,32	55,19	0,0
	450,000	250,00	0,0	0,0	452,00	702,40	709,16	0,0	4,79	1260,65	1403,70	189,04	1,45
	500,000	50,00	0,0	0,0	182,00	702,40	707,87	0,0	3,99	1300,54	1351,59	62,87	0,0
	500,000	50,00	0,0	0,0	452,00	702,40	709,30	0,0	4,36	1255,90	1407,24	211,44	1,43
* C	550,000	50,00	0,0	0,0	182,00	706,00	710,68	710,68	7,91	1312,45	1334,90	29,05	0,0
*	550,000	50,00	0,0	0,0	452,00	706,00	711,93	711,93	8,38	1279,22	1365,36	87,65	1,26
D	614,000	64,00	712,70	710,00	182,00	706,00	713,17	0,0	1,23	1204,42	1408,66	254,45	0,0
	614,000	64,00	712,70	710,00	452,00	706,00	713,74	0,0	2,01	1179,66	1422,95	382,02	0,57
	664,000	50,00	0,0	0,0	182,00	706,40	713,16	0,0	1,93	1260,69	1403,68	188,90	0,0
	664,000	50,00	0,0	0,0	452,00	706,40	713,71	0,0	3,45	1243,40	1416,55	276,33	0,55
E	739,000	75,00	0,0	0,0	182,00	706,50	713,18	0,0	2,04	1263,35	1401,70	176,89	0,0
	739,000	75,00	0,0	0,0	452,00	706,50	713,78	0,0	3,51	1244,34	1415,84	271,12	0,60
* F	1220,000	481,00	0,0	0,0	164,00	715,50	717,83	717,83	7,47	1296,86	1309,74	21,96	0,0
*	1220,000	481,00	0,0	0,0	407,00	715,50	719,32	719,32	9,16	1292,60	1312,13	44,57	1,49
	1270,000	50,00	0,0	0,0	164,00	715,70	718,82	0,0	4,95	1295,78	1311,01	33,12	0,0
	1270,000	50,00	0,0	0,0	407,00	715,70	720,52	0,0	6,24	1271,79	1313,75	75,55	1,71
* G	1320,000	50,00	0,0	0,0	164,00	715,70	719,28	719,28	8,29	1492,32	1507,07	24,15	0,0
	1320,000	50,00	0,0	0,0	407,00	715,70	720,73	0,0	8,14	1464,54	1510,61	66,78	1,45
H	1520,000	200,00	736,80	722,00	164,00	721,00	732,17	0,0	0,22	1351,42	1593,65	957,76	0,0
	1520,000	200,00	736,80	722,00	407,00	721,00	737,58	0,0	0,17	1259,65	1691,18	2767,36	5,41
	1570,000	50,00	0,0	0,0	164,00	721,00	732,17	0,0	0,33	1154,44	1396,63	972,95	0,0
	1570,000	50,00	0,0	0,0	407,00	721,00	737,58	0,0	0,29	1062,66	1494,16	2792,61	5,41
I	1620,000	50,00	0,0	0,0	164,00	721,00	732,17	0,0	0,33	1154,43	1396,64	973,00	0,0
	1620,000	50,00	0,0	0,0	407,00	721,00	737,58	0,0	0,29	1062,66	1494,16	2792,61	5,41

MADE IN U.S.A.

SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRIWS	VCH	SSTA	ENDST	AREA	DIFWSP
J 2020,000	400.00	0.0	0.0	138.00	721.50	732.17	0.0	0.50	1215.67	1397.68	569.07	0.0
2020,000	400.00	0.0	0.0	344.00	721.50	737.58	0.0	0.32	1097.70	1485.15	2089.60	5.41

SUMMARY OF ERRORS

CAUTION	SECNO=	200,000	PROFILE=	1	CRITICAL DEPTH ASSUMED							
CAUTION	SECNO=	200,000	PROFILE=	2	CRITICAL DEPTH ASSUMED							
CAUTION	SECNO=	550,000	PROFILE=	1	CRITICAL DEPTH ASSUMED							
CAUTION	SECNO=	550,000	PROFILE=	1	PROBABLE MINIMUM SPECIFIC ENERGY							
CAUTION	SECNO=	550,000	PROFILE=	1	20 TRIALS ATTEMPTED TO BALANCE WSEL							
CAUTION	SECNO=	550,000	PROFILE=	2	CRITICAL DEPTH ASSUMED							
CAUTION	SECNO=	550,000	PROFILE=	2	PROBABLE MINIMUM SPECIFIC ENERGY							
CAUTION	SECNO=	550,000	PROFILE=	2	20 TRIALS ATTEMPTED TO BALANCE WSEL							
CAUTION	SECNO=	1220,000	PROFILE=	1	CRITICAL DEPTH ASSUMED							
CAUTION	SECNO=	1220,000	PROFILE=	1	PROBABLE MINIMUM SPECIFIC ENERGY							
CAUTION	SECNO=	1220,000	PROFILE=	1	20 TRIALS ATTEMPTED TO BALANCE WSEL							
CAUTION	SECNO=	1220,000	PROFILE=	2	CRITICAL DEPTH ASSUMED							
CAUTION	SECNO=	1220,000	PROFILE=	2	PROBABLE MINIMUM SPECIFIC ENERGY							
CAUTION	SECNO=	1220,000	PROFILE=	2	20 TRIALS ATTEMPTED TO BALANCE WSEL							
CAUTION	SECNO=	1320,000	PROFILE=	1	CRITICAL DEPTH ASSUMED							
CAUTION	SECNO=	1320,000	PROFILE=	1	PROBABLE MINIMUM SPECIFIC ENERGY							
CAUTION	SECNO=	1320,000	PROFILE=	1	20 TRIALS ATTEMPTED TO BALANCE WSEL							