

BUREAU HOUSE

BRANCH

EDIT-2 MESSAGE

16 JUNE 66

AN IMPROVED VERSION OF THE EDIT-2 PROGRAM HAS BEEN LOADED ON THIS SYSTEM. IT NOW PROVIDES AN ENHANCED MODELING ANALYSIS FOR APPLICATIONS OF THE MEC-2 SPECIAL BRIDGE ROUTINE. IT CHECKS FOR THE PRESENCE OF X3 CARDS AT THE UPSTREAM AND DOWNSTREAM BRIDGE SECTIONS, CHECKS ELLA (X3.8) AND ELREA (X3.9) FOR REASONABLENESS, AND COMPARES DATA FOR YARNELL'S TRAPAZOID WITH UPSTREAM AND DOWNSTREAM CHANNEL WIDTHS. THE SPECIAL BRIDGE DIAGNOSTICS ARE INDICATED BY THE WORD - CAUTION -.

THE IMPROVED VERSION OF THE PROGRAM CAN NOW ANALYZE MULTIPLE CI CARDS AND WILL RECOGNIZE IC CARDS.

THE NO LIST OPTION ON THE ED CARD WILL NOW SUPPRESS THE PROGRAM BANNER PAGE IN ADDITION TO THE DATA LISTING.

QUESTIONS REGARDING THESE MODIFICATIONS MAY BE ADDRESSED TO AL MONTALVO OR RICHARD HAYES AT (FTS) 442-2105 OR (916) 440-2105.

T1 BURMT HOUSE BRANCH

T2 ONSLOW COUNTY

T3 10 YEAR FLOOD

J1 2

J2 3

J3 150 200 201 110

J5 1

X1 5.0 - duplicate

G15 175.

X1 175.

G13.1 11.6

G4 4.2 388.

G4 13.9 700.

MC 02 02

X1 6.2 13.

X310.

G4 13.1 11.6

G4 4.3 388.

G4 11.9 600.

S3 1. 2.25

X15.5 7.

X2 1.

X3 10.

BT 8.

BT 400. 10.2

BT 13.9

MC 03

X1 6.4 12.

G13.1 11.6

G4 4.2 388.

G4 13.9 700.

X1 7.1 12.

G4 18.1 17.8

G4 7.8 395.

G4 17. 700.

2.5

0000

non chony creek

2000

Handwritten notes:
7
Additional

492.	900.	190.	100.	190.	7.9	7.9	385.
405.	10.4	200.	9.8	300.	300.	7.3	385.
100.	10.4	200.	9.8	300.	7.3	10.8	500.
401.	6.	405.	10.8	500.	11.9	11.9	600.
810.							
093	05	100.	100.	190.	7.9	7.9	385.
348.	401.5	100.	100.	190.	300.	10.8	500.
11.6	10.4	200.	9.8	300.	7.3	10.8	500.
5.5	4.3	401.5	6.2	405.	11.9	11.9	600.
13.9	7.0.	15.5	200.				
2.8	6.	01	14.14	2.57	5.8	5.8	5.8
7.	69.	59.	69.				
1.	7.3	7.8					
13.1	190.	11.6	600.				
BT 400.	11.8						
800.	15.5						
009	03	100.	100.	100.	7.3	7.3	385.
385.	100.	200.	9.8	300.	11.9	11.9	600.
11.6	10.4	200.	9.8	300.	7.3	10.8	500.
3.5	401.	6.	405.	10.8	11.9	11.9	600.
15.5	800.						
390.	410.	700.	700.	700.	12.	12.	390.
17.8	100.	17.4	200.	300.	16.4	16.4	600.
12.	405.	12.	410.	16.2			
18.	800.						

11 7.2	12.6	397.5	402.5	50.	50.	50.	13.3	13.3	390.
X310.							300.	7.8	600.
GR 18.1	0.	17.8	100.	17.4	200.	17.0	500.	16.4	
GR 7.8	397.5	7.8	402.5	7.8	410.	16.2			
GR 17.	700.	18.1	800.						
S91.	2.17	2.8		5.0	122.	122.	16.5	16.2	7.5
X17.3	0.	0.	12.8	122.	122.	122.	200.	17.4	
X2	1.			16.2			16.2		
X310.									
BT 9.	0.	18.1		100.	17.8		300.		390.
BT 300.	17.		400.	16.5	30.	500.	500.		600.
BT 16.4	700.		17.	800.	18.1		16.2		
X17.4	12.	390.	410.	100.	100.	100.	300.	12.	390.
GR 18.1	17.8	100.	17.4	200.	17.		500.	16.4	600.
GR 7.8	395.	12.	405.	12.	410.	16.2			
GR 17.	700.	18.1	800.						

T1 BURNT HOUSE BRANCH
T2 ONSLOW COUNTY
T3 50 YEAR FLOOD
J1 3
J2 2 -1
*000R 2.5

T1 BURNT HOUSE BRANCH
T2 ONSLOW COUNTY
T3 100 YEAR FLOOD
J1 4
J2 3 -1
*000R 2.5

T1 BURNT HOUSE BRANCH
T2 ONSLOW COUNTY
T3 500 YEAR FLOOD
J1 5
J2 15
** BLANK CARD **
** BLANK CARD **
** BLANK CARD **
*000R 2.5

ER
SUMMARY OF ERRORS

T1 BURNT HOUSE BRANCH
T2 ONSLOW COUNTY
T3 10 YEAR FLOOD

5.171 - ERROR - FIRST YSEC MUST CONTAIN EITHER NCGM OR NV CARD
5.100 - ERROR - N VALUE NOT SPECIFIED FOR THIS XSEC
6.500 - CAUTION - TOP OF LEFT LEVEE = 9.800 IS LOWER THAN UPSTREAM
TOP OF ROAD = 10.400 AT SPECIAL BRIDGE
6.300 - CAUTION - TOP OF RIGHT LEVEE = 10.200 IS LOWER THAN UPSTREAM
TOP OF ROAD = 10.800 AT SPECIAL BRIDGE
7.200 - NOT - GR CARD - STA = 390.000 MINIMUM ELEVATION NOT WITHIN
CHANNEL
7.300 - ERROR - BT CARD - ROST = 400.000 XLCEL = 30.000
EXCEEDS RDEL = 16.500

T1 BURNT HOUSE BRANCH
T2 ONSLOW COUNTY

 HICE RELEASE DATED NOV 76 UPDATED APPI 1980
 LABOR CORR - 1,32,77,4
 MODIFICATION - 5,91,99,53,54

T1 FIRST BROS BRANCH
 T2 JEFFERSONVILLE NORTH CAROLINA
 T3 10 YEAR FL

J1	LOCK	LOG	LDV	LDV	LDV	STR1	METRIC	HWINS	O	WSEL	FQ
J2	MPPE	LDPT	PEPVS	XSECV	YSECU	YSECU	FM	ALLDC	IBW	CHNIN	ITRACE
J3	VARIA	COLES	FOR	SUMARY	PRINTOUT						
J6	LDLFG	LDLFG									
DT	5-1	141	31	41	755,079	410,000	-0-	-0-	-0-	-0-	-0-
DC	5-2	7	7	7	200	-0-	-0-	-0-	-0-	-0-	-0-
ET	5-3	7	7	7	-0-	2,400	-0-	-0-	-0-	-0-	-0-
VJ	5-4	7	7	7	-0-	-0-	-0-	-0-	-0-	-0-	-0-
X4	5-5	7	7	7	500,000	-0-	-0-	-0-	-0-	-0-	-0-
GR	5-6	7	7	7	8,200	600,000	675,000	4,400	685,000		
GR	5-7	7	7	7	781,000	783,000	785,000	2,300	791,000		
GR	5-8	7	7	7	797,000	800,000	800,000	1,500	800,000		
GR	5-9	7	7	7	1,384,000	1,100,000	1,134,000	13,900	1,134,000		
X1	6-1	12	3	4	1,900,000	220,000	200,000	2,000,000	-0-	-0-	-0-
GR	6-2	11	3	3	10,400	200,000	200,000	9,800	300,000	7,300	385,000
GR	6-3	30	3	3	6,000	405,000	405,000	10,800	500,000	11,900	600,000
GR	6-4	7	3	3	-0-	-0-	-0-	-0-	-0-	-0-	-0-
NC	6-5	7	3	3	4,500	-0-	-0-	-0-	-0-	-0-	-0-
X1	6-6	13	3	3	1,000,000	100,000	100,000	100,000	-0-	-0-	-0-
X3	6-7	12	3	3	-0-	-0-	-0-	-0-	-0-	-0-	-0-
GR	6-8	11	3	3	10,400	200,000	200,000	9,800	300,000	7,900	385,000
GR	6-9	30	3	3	4,300	401,500	401,500	6,200	405,000	10,800	500,000
GR	6-10	6	3	3	15,500	800,000	800,000	-0-	-0-	-0-	-0-
SH	6-11	2,25	2	2	6,000	19,000	19,000	19,000	2,570	5,800	5,800

THIS RUN EXECUTED 03 NOV 81 10:50:39

 HEC2 RELEASE DATED NOV 76 UPDATED APR1 1980
 ERROR CORR - 01,02,03,04
 MODIFICATION - 50,51,52,53,54

T1 BURNT HOUSE BRANCH
 T2 ONSLOW COUNTY
 T3 53 YEAR FLOOD

J1	ICHECK	IAO	NIRV	IDIP	STR1	METRIC	HVINS	Q	USEL	FG
					002700	-0.	-0.	-0.	2.500	-0.
J2	IPREF	ILLOT	PEFVS	XSECV	XSECH	FN	ALLCC	IBL	CHNPM	ITRACE
						-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 03 NOV 81 10:50.39

 HEC2 RELEASE DATED NOV 76 UPDATED APR1 1980
 ERROR CORR - 01.02.03.04
 MODIFICATION - 50.51.52.53.54

T1 BURNI HOUSE BRANCH
 T2 OSLOW COUNTY
 T3 1st YEAR FLOOD

	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	USEL	FQ
J1	-0.	4.	-0.	-0.	.002700	-0.	-0.		2.500	-0.
J2	3.000	-0.	-1.000	-0.	-0.	FN	ALLDC	IBW	CHNIM	ITRACE
							-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 03 NOV 81 10:50:39

 HEC2 RELEASE DATED NOV 76 UPDATED APR 1980
 ERROR CORP - 610243334
 MODIFICATION - 59051525354

T1 RURRT HOUSE BRANCH
 T2 OSKLOP COUNTY
 T3 50 YEAR FLOOD

J1	ICHECK	TLG	WIBV	IDIR	STRT	METRIC	HVINS	0	WSEL	FO
		5.			002700	-0.	-0.	-0.	2.500	-0.
J2	PERCF	ILICT	PREVS	YSECV	YSECH	FM	ALLOC	IBW	CHNIN	ITRACE
	15.100		-1.100	-0.	-0.	-1.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 03 NOV 81 10:50:39

 HEC2 RELEASE DATED NOV 76 UPDATED APRIL 1980
 ERPR CORR - 01020204
 MODIFICATION - 505152053154

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

AR FLOOD

SUMMARY PPI/TOUT TABLE 119

SECTO	CUSEL	DIPKUS	EG	TCFVID	OLCE	RCH	GRQB	PERENC	STENCL	SYCHL	SYCHR	STENCR
5000	2083	115	2067	171023	086	122068	21046	00	00	781000	800000	00
5001	3061	111	3065	219028	32012	182025	95064	00	00	781000	800000	00
5002	4002	152	4004	285082	57078	211083	140039	00	00	781000	800000	00
5003	5002	2068	5022	209061	160023	296081	297096	00	00	781000	800000	00
6010	7000	10	7095	78033	1005	130096	12099	00	00	385000	405000	00
6010	9021	00	9027	108035	23062	231044	50094	00	00	385000	405000	00
6010	9075	00	9082	177038	46051	279021	80208	00	00	385000	405000	00
6010	10095	00	11002	387050	179018	350011	181071	00	00	385000	405000	00
6020	8010	00	8020	09053	6023	117055	21021	00	00	388000	401050	00
6020	9000	00	9005	10031	41031	195008	73061	00	00	388000	401050	00
6020	10000	00	10010	202024	73092	228069	107039	00	00	388000	401050	00
6020	11000	00	11000	409024	235048	301063	217089	00	00	388000	401050	00
6030	10000	00	10000	200090	32037	73011	39052	00	00	388000	401050	00
6030	10070	00	10077	309023	81034	142088	05078	00	00	388000	401050	00
6030	10000	00	10000	300091	112001	103015	114044	00	00	388000	401050	00
6030	11000	00	11000	400048	202061	292088	219051	00	00	388000	401050	00
6040	10000	00	10000	200091	26036	05040	33024	00	00	385000	405000	00
6040	10000	00	10000	300069	69063	167010	73027	00	00	385000	405000	00
6040	10000	00	10000	300100	98069	212019	99013	00	00	385000	405000	00
6040	11000	00	11000	400079	223094	336004	195002	00	00	385000	405000	00
7010	13000	00	13000	63052	4066	170079	5055	00	00	390000	410000	00
7010	14000	00	14000	10057	28007	24051	33042	00	00	390000	410000	00
7010	14000	00	14000	110024	47016	306068	56016	00	00	390000	410000	00
7010	15000	00	15000	10000	128066	473013	153021	00	00	390000	410000	00
7020	13000	00	13000	10000	57051	06016	61033	00	00	397050	402050	00
7020	14000	00	14000	10000	125036	50054	130010	00	00	397050	402050	00
7020	14000	00	14000	14000	167007	63097	178095	00	00	397050	402050	00
7020	15000	00	15000	10000	312073	100045	335022	00	00	397050	402050	00

SECNO	CNSEL	DIFKWS	CG	TOPWID	GLOB	GCH	OROB	PERENC	STENCL	STCHL	STCHR	STENCR
7.301	14.12	0.	14.45	5.00	0.	145.00	0.	0.	0.	397.50	402.50	0.
7.302	16.63	0.	16.64	325.99	127.30	40.84	141.86	0.	0.	397.50	402.50	0.
7.303	16.81	0.	16.81	367.21	167.11	52.78	190.11	0.	0.	397.50	402.50	0.
7.304	17.16	0.	17.17	457.62	303.42	92.06	359.52	0.	0.	397.50	402.50	0.
7.401	14.69	0.	14.70	125.89	18.03	105.50	21.47	0.	0.	390.00	410.00	0.
7.402	16.67	0.	16.68	329.71	63.97	161.73	84.30	0.	0.	390.00	410.00	0.
7.403	16.86	0.	16.86	375.76	85.80	204.73	119.47	0.	0.	390.00	410.00	0.
7.404	17.28	0.	17.33	493.45	164.87	339.35	250.78	0.	0.	390.00	410.00	0.

AR FLOOD

SUMMARY PRINTOUT TABLE 150

SECHO	YLCH	ELTKD	ELLC	ELMIN	0	CRSEL	CRINS	EG	10K*S	VCH	AREA	*0JK
5.09A	-0.	0.	0.	-2.30	145.00	2.63	-49	2.67	26.97	1.77	149.04	27.52
5.09B	-0.	0.	0.	-2.30	310.00	3.61	.59	3.65	26.93	2.07	352.41	59.74
5.09C	-0.	0.	0.	-2.30	410.00	4.92	1.16	4.06	27.40	2.21	443.64	78.32
5.09D	-0.	0.	0.	-2.30	755.00	5.18	2.99	5.22	27.03	2.52	711.86	145.21
6.10A	2000.00	0.	0.	3.50	145.00	7.90	5.31	7.95	25.25	1.82	114.02	28.82
6.10B	2000.00	0.	0.	3.50	310.00	9.21	6.21	9.27	28.14	2.37	261.54	58.04
6.10C	2000.00	0.	0.	3.50	410.00	9.75	6.72	9.82	28.89	2.57	349.45	76.28
6.10D	2000.00	0.	0.	3.50	755.00	10.95	8.04	11.02	29.72	2.98	673.52	138.45
6.20A	1000.00	0.	0.	3.50	145.00	8.15	5.43	8.20	24.29	2.05	126.70	29.42
6.20B	1000.00	0.	0.	3.50	310.00	9.48	6.43	9.55	27.07	2.59	293.64	59.58
6.20C	1000.00	0.	0.	3.50	410.00	10.02	6.95	10.10	27.27	2.76	393.63	78.51
6.20D	1000.00	0.	0.	3.50	755.00	11.24	8.49	11.30	26.06	3.05	775.74	147.89
6.30A	500.00	9.48	7.3	3.50	145.00	10.43	0.	10.43	2.25	.83	498.12	96.56
6.30B	500.00	9.48	7.3	3.50	310.00	10.75	0.	10.77	7.31	1.54	600.90	114.66
6.30C	500.00	9.48	7.3	3.50	410.00	10.87	0.	10.89	11.41	1.95	636.52	121.36
6.30D	500.00	9.48	7.3	3.50	755.00	11.33	0.	11.39	23.50	2.92	817.08	155.75
6.40A	1000.00	0.	0.	3.50	145.00	10.45	5.31	10.45	1.80	.70	514.30	107.53
6.40B	1000.00	0.	0.	3.50	310.00	10.82	6.21	10.83	5.68	1.28	632.07	130.10
6.40C	1000.00	0.	0.	3.50	410.00	10.97	6.71	10.99	8.48	1.59	685.10	140.82
6.40D	1000.00	0.	0.	3.50	755.00	11.54	8.05	11.58	16.15	2.32	921.36	187.86
7.10A	732.00	0.	0.	7.80	145.00	13.10	11.11	13.20	72.48	2.52	77.59	17.03
7.10B	732.00	0.	0.	7.80	310.00	14.17	12.44	14.24	86.33	3.39	159.83	33.36
7.10C	732.00	0.	0.	7.80	410.00	14.52	12.90	14.59	91.40	3.75	206.73	42.68
7.10D	732.00	0.	0.	7.80	755.00	15.62	13.93	15.83	98.38	4.56	361.72	76.12
7.20A	0.	0.	0.	7.80	145.00	13.31	10.76	13.32	3.39	.95	421.76	78.74
7.20B	0.	0.	0.	7.80	310.00	14.34	13.46	14.35	7.19	1.55	567.93	115.59
7.20C	0.	0.	0.	7.80	410.00	14.81	13.44	14.82	9.12	1.62	643.44	135.79
7.20D	0.	0.	0.	7.80	755.00	15.99	13.37	16.01	15.02	2.60	850.89	194.79
7.30A	122.00	16.2	12.0	7.80	145.00	14.12	0.	14.45	66.05	4.59	31.61	17.84
7.30B	122.00	16.2	12.0	7.80	310.00	16.63	0.	16.64	1.71	.92	1014.50	236.74
7.30C	122.00	16.2	12.0	7.80	410.00	16.81	0.	16.81	2.68	1.17	1076.69	250.39
7.30D	122.00	16.2	12.0	7.80	755.00	17.16	0.	17.17	7.17	1.97	1220.48	281.93
7.40A	1000.00	0.	0.	7.80	145.00	14.59	11.11	14.70	9.45	1.24	227.40	47.16
7.40B	1000.00	0.	0.	7.80	310.00	16.57	12.43	16.58	6.20	1.29	596.76	120.51
7.40C	1000.00	0.	0.	7.80	410.00	16.86	12.93	16.88	8.97	1.59	666.58	136.93
7.40D	1000.00	0.	0.	7.80	755.00	17.28	13.93	17.33	20.10	2.48	839.95	168.40

03 NOV '81 10:50:39

AR FLOOD

SUMMARY PRINTOUT TABLE 151

SECHD	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
5000	145.00	2.63	0.	0.	.13	171.23	-0.
5009	319.00	3.61	.98	0.	1.11	219.28	-0.
5010	410.00	4.02	.41	0.	1.52	225.02	-0.
5020	755.00	5.18	1.15	0.	2.68	238.61	-0.
6000	145.00	7.90	0.	5.27	0.	78.33	2000.00
6010	319.00	9.21	1.30	5.60	0.	148.35	2000.00
6020	410.00	9.75	.54	5.73	0.	177.38	2000.00
6030	755.00	10.95	1.20	5.77	0.	357.50	2000.00
6040	145.00	8.15	0.	.24	0.	189.53	100.00
6050	319.00	9.46	1.32	.28	0.	162.06	100.00
6060	410.00	10.05	.65	.26	0.	222.24	100.00
6070	755.00	11.24	1.21	.29	0.	409.24	100.00
7000	145.00	10.46	0.	2.20	0.	294.98	69.00
7010	319.00	11.72	.33	1.27	0.	329.23	69.00
7020	410.00	11.67	.12	.83	0.	344.91	69.00
7030	755.00	11.33	.47	.69	0.	426.48	69.00
8000	145.00	10.41	0.	.92	0.	296.90	100.00
8010	319.00	11.86	.37	.67	0.	336.69	100.00
8020	410.00	11.97	.15	.10	0.	363.10	100.00
8030	755.00	11.54	.67	.21	0.	462.79	100.00
9000	145.00	12.11	0.	3.66	0.	63.52	732.00
9010	319.00	14.11	1.99	3.28	0.	112.57	732.00
9020	410.00	14.53	.47	3.59	0.	119.24	732.00
9030	755.00	15.00	1.09	4.07	0.	162.61	732.00
9040	145.00	13.31	0.	.21	0.	133.70	50.00
9050	319.00	14.36	1.18	.24	0.	153.89	50.00
9060	410.00	14.81	.47	.20	0.	163.64	50.00
9070	755.00	15.99	1.18	.37	0.	187.83	50.00
9080	145.00	14.11	0.	.81	0.	5.00	122.00
9090	319.00	16.62	2.51	2.31	0.	355.99	122.00
9100	410.00	16.81	.18	2.60	0.	367.20	122.00
9110	755.00	17.16	1.35	1.17	0.	457.62	122.00
9120	145.00	16.69	0.	.57	0.	125.89	100.00
9130	319.00	18.07	1.91	.03	0.	379.71	100.00
9140	410.00	16.51	.19	.05	0.	375.76	100.00
9150	755.00	17.28	1.42	.12	0.	493.45	100.00

FLOODWAY DATA: AR FLOOD
 PROFILE NO. 2

STATION	FLOODWAY SECTION		MEAN VELOCITY	WATER SURFACE ELEVATION	
	WIDTH	AREA		WITH FLOODWAY	WITHOUT FLOODWAY
5+00	219	352	1.9	3.6	2.6
5+10	168	262	1.2	9.2	7.9
6+20	162	294	1.1	9.4	8.1
6+30	329	601	1.5	10.7	10.4
6+40	337	634	1.5	10.8	10.4
7+10	133	167	1.5	14.1	13.1
7+20	104	58	1.5	14.2	13.3
7+30	336	1010	1.5	16.6	14.1
7+40	240	597	1.5	16.7	14.7

03 NOV 61 10:50:39

FLOODWAY DATA, AR FLOOD
 PROFILE NO. 3

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	DIFFERENCE
5+710	225.	444.	.9	4.6	2.6	1.4
6+170	177.	349.	1.2	9.7	7.9	1.8
6+270	222.	304.	1.3	10.8	8.1	1.9
6+350	245.	637.	.6	10.8	10.4	.4
5+750	263.	685.	.8	10.9	10.4	.5
7+110	119.	297.	2.0	14.5	13.1	1.4
7+210	164.	643.	.6	14.1	13.3	1.5
7+310	367.	1077.	.4	16.6	14.1	2.7
7+410	376.	167.	.6	16.9	14.7	2.2

FLOODWAY DATA AR FLOOD
 PROFILE NO. 4

STATION	WIDTH	SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION	
				FLOODWAY	WITHOUT DIFFERENCE
5+000	259.	712.	1.1	5.1	2.6
6+100	357.	674.	1.1	10.9	7.9
6+200	479.	776.	1.9	11.2	8.1
6+300	454.	817.	.9	11.2	11.4
6+400	463.	921.	.8	11.5	11.4
7+100	162.	362.	2.1	15.6	15.1
7+200	188.	651.	.9	16.0	15.3
7+300	458.	1284.	.6	17.1	14.1
7+400	493.	1604.	.9	17.3	14.7

2

Lots o.k.

THIS RUN EXECUTED 25 NOV 81 10.04.42

 HEC2 RELEASE DATED NOV 76 UPDATED APR1 1980
 ERROR CORR - 01.02.03.04
 MODIFICATION - 50.51.52.53.54

T1 BURNT HOUSE BRANCH
 T2 ONSLOW COUNTY
 T3 100 YEAR FLOOD

J1	ICHECK	ING	NINV	IOIR	STAT	METRIC	MVINS	Q	WSEL	FG
-0.	4.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	4.020	-0.

J2 NPROF IPLOT PREVS XSECV XSECH FN ALLDC IBW CHNIM ITRACE

1.000	-0.	-1.000	-0.	-0.	-1.000	-0.	-0.	-0.	-0.	-0.
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J3 VARIABLE CODES FOR SUMMARY PRINTOUT

110.000	200.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
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J5 LPRNT NUMSEC

-10.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
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J6 IHLEO ICOPY

1.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
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NC

-200	.200	.090	.100	.300	.500	.300	.200	.100	.100	.200
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QT

5.000	145.000	310.000	410.000	755.000	410.000	410.000	410.000	410.000	410.000	410.000
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ET

-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
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X1

5.000	20.000	781.000	800.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.
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X4

2.000	6.700	430.000	6.400	500.000	500.000	500.000	500.000	500.000	500.000	500.000
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GR

15.000	-0.	10.000	300.000	8.200	600.000	7.900	675.000	4.400	685.000	685.000
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GR

2.970	700.000	2.330	781.000	.500	783.000	-2.000	785.000	-2.300	791.000	791.000
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GR

-2.200	796.000	.530	797.000	2.400	800.000	1.500	900.000	10.200	958.000	958.000
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GR

13.100	1000.000	13.700	1084.000	13.900	1100.000	13.900	1134.000	15.500	1200.000	1200.000
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ET

-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
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X1

6.100	12.000	385.000	405.000	1990.000	2200.000	2000.000	2000.000	2000.000	2000.000	2000.000
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GR

13.100	-0.	11.600	100.000	10.400	200.000	9.800	300.000	7.300	385.000	385.000
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GR

4.200	388.000	3.500	401.000	6.000	425.000	10.800	500.000	11.900	600.000	600.000
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GR

13.970	700.000	15.500	800.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.
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NC

.200	.200	.093	.300	.500	-0.	-0.	-0.	-0.	-0.	-0.
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*****REQUESTED SECTION NUMBERS*****

MSO


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*****
HEC2 RELEASE DATED NOV 76 UPDATED APR 1980
ERROR CORR - 01.02.03.00
MODIFICATION - 50031.52.53.54
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T1 BURNT HOUSE BRANCH
T2 ONSLOW COUNTY
T3 FLOODWAY

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J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	MVINS	Q	MSEL	FO
	-0.	6.	-0.	-0.	-0.	-0.	-0.	-0.	5.020	-0.
J2	NPROF	IFLOT	PRFS	XSECV	YSECH	FA	ALLOC	IBL	CHNIP	ITRACE
	15.000	-0.	-1.000	-0.	-0.	-1.000	-0.	-0.	-0.	-0.

IMLEQ = 1. THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH. SEE DOCUMENTATION FOR DETAILS.

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 MEC2 RELEASE DATED NOV 76 UPDATED APR1 1980
 ERROR CORR - 010200304
 MODIFICATION - 80515205354

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

YEAR FLOOD

SUMMARY PRINTOUT TABLE 110

SECTNO	CVSEL	DIFKVS	EG	TOPHYD	GLOB	OCH	GRDB	PERENC	STENCL	STCHL	STCHR	STENCH
5:000	4:02	0.	4.06	225:01	57.75	211:88	140.37	0.	0.	781:00	800:00	800:00
5:000	5:02	1:00	5.79	75:63	0.	280:04	129.96	.02	781:00	781:00	800:00	856:63
6:100	9:75	0.	9.82	177:41	46.53	279:19	84:29	0.	0.	385:00	405:00	405:00
6:100	10:77	1:02	10.87	37:25	16.19	356:36	37:45	.33	377:80	385:00	405:00	415:06
6:200	10:03	0.	10.10	222:35	73.94	228:65	107:40	0.	0.	388:00	401:50	401:50
6:200	11:03	1:00	11.13	49:69	63.49	282:75	63:76	.34	366:35	388:00	401:50	416:44
6:300	10:87	0.	10.89	344:91	112:41	183:15	114:44	0.	0.	388:00	401:50	401:50
6:300	11:87	1:00	11.91	85:93	116:37	218:38	75:25	.34	336:86	388:00	401:50	422:80
6:400	10:97	0.	10.99	363:17	98:69	212:19	99:13	0.	0.	385:00	405:00	405:00
6:400	11:97	1:00	12.00	28:92	96.99	255:75	57:26	.33	335:06	385:00	405:00	423:98
7:100	14:52	0.	14.69	119:26	47.17	306:65	56:18	0.	0.	390:00	410:00	410:00
7:100	15:25	.72	15.49	25:99	1.79	391:31	16:90	.28	389:02	390:00	410:00	415:01
7:200	14:81	0.	14.82	163:59	167:07	63:99	178:94	0.	0.	397:50	402:50	402:50
7:200	15:62	.82	15.64	74:48	160:24	73:96	175:79	.17	364:51	397:50	402:50	438:99
7:300	16:81	0.	16.81	367:18	167:11	52:78	190:11	0.	0.	397:50	402:50	402:50
7:300	17:63	.82	17.63	104:37	152:41	58:65	198:93	.18	356:94	397:50	402:50	461:21
7:400	16:86	0.	16.88	375:75	85:80	204:73	119:46	0.	0.	390:00	410:00	410:00
7:400	17:67	.81	17.69	87:89	49:11	236:33	124:56	.26	372:43	390:00	410:00	460:33

BIRMINGHAM
 FLOODWAY DATA YEAR FLOOD
 PROFILE NO. 2

STATION	WIDTH	FLOODWAY AREA	MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	DIFFERENCE	CUMULATIVE DISTANCE
5+000	76	277	1.5	5.6	4.0	1.6	0
6+100	37	199	2.1	10.7	9.7	1.0	2000
6+200	50	247	1.7	11.0	10.0	1.0	2100
6+300	86	428	1.0	11.9	10.9	1.0	2169
6+400	89	454	.9	12.0	11.0	1.0	2269
7+100	26	115	3.6	15.2	14.5	.7	3091
7+200	74	518	.8	15.6	14.8	.8	3051
7+300	114	847	.5	17.6	16.8	.8	3173
7+400	88	462	.9	17.7	16.9	.8	3273