

MOTT CREEK

*GENERAL MESSAGE

*EDIT-2 MESSAGE

16 JUNE --

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 HEC-2 SPECIAL BRIDGE ROUTINE. IT CHECKS FOR THE PRESENCE OF X3 CARDS AT THE UPSTREAM AND DOWNSTREAM BRIDGE SECTIONS, CHECKS ELLEA (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 (FIS) 448-2105 OR (916) 440-2105.

T1 NORTH CAROLINA FLOOD STUDIES
T2 MOTT CREEK OF NORTH CAROLINA
T3 TEN YEAR FLOOD

J1	2.			.0023				2.4		
J2		-1.				-1.				
J3150.	201.	110.	201.							
J61.										
VC.20	.20	.09	.1	.3						
QT5.	417.	843.	1098.	1032.	1398.					
X11.	17.	299.	400.							
GR9.4		3.3	100.	1.7	200.	1.1	290.	.1	297.	
GR-.9	310.	-2.6	330.	-2.1	350.	-4.4	370.		390.	
GR1.1	400.	1.4	500.	8.2	573.	7.7	600.	5.2	642.	
GR5.9	700.	16.5	800.							
X12.	16.	385.	400.	2000.	3000.	2700.				
GR17.4	0.	19.4	100.	20.	165.	16.8	200.	2.5	290.	
GR2.2	300.	1.8	385.	-0.1	380.	-1.6	392.	-0.1	397.	
GR1.9	400.	2.3	500.	3.8	585.	6.7	600.	17.5	700.	
GR21.5	800.									
QT5.	208.	422.	509.	966.	549.					
X1	3	15	485	500	3200	3000	3100			
GR	21.5		20.8	200	21.5	200	16.5	300	6.5	400
GR	5.7	485	4	492	3.4	494	4	497	5.5	500
GR4.8	540.	13.5	600.	17.8	700.	17.5	800.	18.2	900.	
X14.	14.	435.	446.	1400.	1100.	-1200.				
GR23.1	0.	23.0	50.	22.8	150.	22.2	250.	20.4	350.	
GR12.8	435.	9.5	438.	9.2	440.	9.5	446.	13.2	450.	
GR21.0	550.	25.7	650.	27.7	750.	29.3	850.			
X15.	14.	433.	450.	200.	200.	200.				
GR20.2	0.	19.7	150.	19.1	250.	14.0	350.	13.9	433.	
GR11.0	436.	10.7	440.	11.	445.	14.3	450.	14.6	525.	
GR18.1	550.	20.7	650.	21.3	750.	23.1	850.			

OK
No CHANGES
~~add bench~~
further edit XL

THIS RUN EXECUTED 30 OCT 81 10:27:00

VOID
See Run following this run

HEC2 RELEASE DATED NOV 76 UPDATED APR1 1980
ERROR CORR - 61,02,03,04
MODIFICATION - 50,51,52,53,54

T1 NORTH CAROLINA FLOOD STUDIES
T2 HOTT CREEK OF NORTH CAROLINA
T3 TEN YEAR FLOOD

J1	ICHECK	JL0	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-	2.	-	-0.	002300	-0.	-0.	-0.	2.400	-0.
J2	NRPCF	IPLD1	PEFVS	XSECV	XSECH	FN	ALLDC	IB	CHNIM	ITRACE
	-0.	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	150.000	201.000	110.000	201.000	-0.	-0.	-0.	-0.	-0.	-0.
J6	INLEG	ICOPY								
	1.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
NC	220	220	200	160	-300	-0.	-0.	-0.	-0.	-0.
DT	51000	417000	843000	1098000	1932000	1398000	-0.	-0.	-0.	-0.
Y1	1.000	17.500	290.000	400.000	-0.	-0.	-0.	-0.	-0.	-0.
GR	9.400	-1.	3.300	100.000	1.700	200.000	1.100	290.000	.100	297.000
GR	-9.000	317.000	-2.000	330.000	-2.100	350.000	-4.400	370.000	-0.	390.000
GR	1.100	400.000	1.400	500.000	6.200	573.000	7.700	600.000	5.200	642.000
GR	5.000	700.000	16.500	800.000	-0.	-0.	-0.	-0.	-0.	-0.
X1	2.000	10.000	305.000	400.000	260.000	3100.000	2700.000	-0.	-0.	-0.
GR	17.400	-	19.400	170.000	20.000	165.000	16.800	200.000	2.500	290.000
GR	2.200	300.000	1.000	355.000	-1.000	388.000	-1.800	392.000	-1.000	397.000
GR	1.900	400.000	2.300	500.000	3.800	585.000	6.700	600.000	17.500	700.000
GR	2.000	-	-	-	-0.	-1.	-0.	-0.	-0.	-0.
DT	5.000	300.000	402.000	549.000	900.000	549.000	-0.	-0.	-0.	-0.
X1	3.000	15.000	485.000	500.000	3200.000	2710.000	3100.000	-0.	-0.	-0.
GR	21.500	-0.	20.000	270.000	21.500	200.000	16.500	300.000	6.500	400.000
GR	5.700	400.000	4.000	492.000	3.400	454.000	4.000	497.000	5.500	500.000
GR	4.500	54.000	14.500	5.000	17.000	7.1.000	17.500	800.000	18.200	900.000

THIS RUN EXECUTED 30 OCT 81 10.27.01

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

T1 NORTH CAROLINA FLOOD STUDIES
 T2 MOTT CREEK OF NORTH CAROLINAS
 T3 FIFTY YEAR FLOOD

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-0.	3.	-0.	-1.	002300	-0.	-0.	-0.	2.400	-0.
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	2.000	-1.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 30 OCT 81 10:27:01

 HCCP RELEASE DATED NOV 76 UPDATED APR1 1980
 ERROR CORR - 51,52,53,54
 MODIFICATION - 54,51,52,53,54

T1 NORTH CAROLINA FLOOD STUDIES
 T2MOTT CREEK OF NORTH CAROLINAS
 T3ONE HUNDRED YEAR FLOOD

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-1.	4.	-0.	-0.	502300	-0.	-0.	-0.	2.400	-0.
J2	NPROF	IFLOT	PPFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	3.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 30 OCT 81 10.27.01

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

T1 NORTH CAROLINA FLOOD STUDIES
 T2 MOTT CREEK OF NORTH CAROLINAS
 T3 FIVE HUNDRED YEAR FLOOD

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	-0.	0.	-0.	-0.	002300	-0.	-0.	-0.	2.400	-0.
J2	NPROF	IFLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IEW	CHNIM	ITRACE
	15,000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 30 OCT 81 10.27.01

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

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

EAR FLOOD

SUMMARY PRINTOUT TABLE 110

SECCO	CMSL	DIFKWS	CG	TOPWID	QLOP	GCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
1.000	0.83	-1.57	0.87	105.72	0.	417.00	0.	0.	0.	290.00	400.00	0.
1.001	2.09	-0.31	2.15	331.86	17.92	797.90	27.18	0.	0.	290.00	400.00	0.
1.002	2.60	0.20	2.66	369.03	48.90	988.18	60.92	0.	0.	290.00	400.00	0.
1.003	3.89	1.49	3.97	436.49	209.79	1528.05	194.16	0.	0.	290.00	400.00	0.
2.000	4.80	0.	4.81	310.68	128.94	109.54	178.52	0.	0.	385.00	400.00	0.
2.001	6.22	0.	6.23	330.88	268.59	168.85	405.56	0.	0.	385.00	400.00	0.
2.002	6.86	0.	6.87	339.00	352.59	202.04	543.37	0.	0.	385.00	400.00	0.
2.003	8.51	0.	8.53	364.54	628.61	303.59	999.81	0.	0.	385.00	400.00	0.
3.000	8.09	0.	8.10	178.63	68.15	68.19	71.66	0.	0.	485.00	500.00	0.
3.001	9.48	0.	9.49	202.10	167.58	113.60	140.81	0.	0.	485.00	500.00	0.
3.002	11.15	0.	11.16	213.37	228.83	138.35	181.82	0.	0.	485.00	500.00	0.
3.003	11.92	0.	11.94	243.27	435.38	213.33	317.29	0.	0.	485.00	500.00	0.
4.000	14.37	0.	14.35	47.42	7.63	162.92	17.46	0.	0.	435.00	446.00	0.
4.001	15.92	0.	16.16	84.72	49.12	306.23	66.65	0.	0.	435.00	446.00	0.
4.002	16.16	0.	16.81	100.39	81.64	363.42	103.94	0.	0.	435.00	446.00	0.
4.003	18.16	0.	18.43	138.56	206.80	513.04	246.16	0.	0.	435.00	446.00	0.
5.000	15.35	0.	15.39	206.95	62.58	120.20	25.22	0.	0.	433.00	450.00	0.
5.001	16.72	0.	16.75	243.54	166.81	159.64	95.55	0.	0.	433.00	450.00	0.
5.002	17.33	0.	17.36	259.87	228.84	183.09	137.07	0.	0.	433.00	450.00	0.
5.003	18.89	0.	18.91	326.15	435.62	254.22	276.15	0.	0.	433.00	450.00	0.

EAR FLOOD

SUMMARY PRINTOUT TABLE 150

SECD	ALCH	ELTRD	ELLC	ELMIN	O	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
1.000	-0.	0.	0.	-4.40	417.00	.83	-1.58	.87	22.75	1.56	278.83	87.43
1.000	-0.	0.	0.	-4.40	843.00	2.09	-.93	2.15	23.04	1.92	570.18	175.61
1.000	-0.	0.	0.	-4.40	1098.00	2.60	-.60	2.66	23.24	2.09	748.02	227.76
1.000	-0.	0.	0.	-4.40	1932.00	3.89	.26	3.97	23.09	2.49	1279.04	402.10
2.000	2700.00	0.	0.	-1.80	417.00	4.80	2.75	4.81	10.47	1.45	778.59	128.87
2.000	2700.00	0.	0.	-1.80	843.00	6.22	3.22	6.23	10.87	1.75	1232.83	255.50
2.000	2700.00	0.	0.	-1.80	1098.00	6.86	3.43	6.87	11.32	1.90	1450.02	326.40
2.000	2700.00	0.	0.	-1.80	1932.00	8.51	3.97	8.53	12.75	2.32	2027.62	540.99
3.000	3100.00	0.	0.	3.40	208.00	8.09	5.94	8.10	10.80	1.25	391.81	63.28
3.000	3100.00	0.	0.	3.40	422.00	9.48	6.56	9.49	10.22	1.50	656.24	131.98
3.000	3100.00	0.	0.	3.40	549.00	10.15	6.75	10.16	10.02	1.62	794.72	173.45
3.000	3100.00	0.	0.	3.40	966.00	11.92	7.22	11.94	9.67	1.90	1198.83	310.60
4.000	1500.00	0.	0.	9.20	208.00	14.37	11.95	14.55	78.48	3.68	84.19	23.48
4.000	1500.00	0.	0.	9.20	422.00	15.92	13.43	16.16	82.20	4.58	186.86	46.54
4.000	1500.00	0.	0.	9.20	549.00	16.56	14.27	16.81	82.40	4.91	247.28	60.48
4.000	1500.00	0.	0.	9.20	966.00	18.16	13.79	18.43	80.98	5.61	437.23	107.35
5.000	200.00	0.	0.	10.70	208.00	15.35	13.17	15.39	27.68	1.91	267.24	39.54
5.000	200.00	0.	0.	10.70	422.00	16.72	14.71	16.75	17.08	1.86	575.28	102.11
5.000	200.00	0.	0.	10.70	549.00	17.33	14.92	17.36	15.37	1.90	728.96	140.04
5.000	200.00	0.	0.	10.70	966.00	18.89	15.41	18.91	13.21	2.07	1175.20	265.80

EAR FLOOD

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
1.000	417.00	.83	0.	0.	-1.57	105.72	-0.
1.000	843.00	2.09	1.26	0.	-.31	331.86	-0.
1.000	1098.00	2.60	.51	0.	.23	369.03	-0.
1.000	1932.00	3.89	1.29	0.	1.49	436.49	-0.
2.000	417.00	4.80	0.	3.97	0.	314.68	2700.00
2.000	843.00	6.22	1.41	4.13	0.	330.88	2700.00
2.000	1098.00	6.86	.64	4.26	0.	339.00	2700.00
2.000	1932.00	8.51	1.65	4.61	0.	364.54	2700.00
3.000	208.00	8.09	0.	3.29	0.	178.63	3100.00
3.000	422.00	9.48	1.39	3.27	0.	202.10	3100.00
3.000	549.00	10.15	.67	3.29	0.	213.37	3100.00
3.000	966.00	11.92	1.77	3.41	0.	243.27	3100.00
4.000	208.00	14.37	0.	6.27	0.	47.42	1500.00
4.000	422.00	15.92	1.55	6.44	0.	84.72	1500.00
4.000	549.00	16.56	.64	6.41	0.	100.39	1500.00
4.000	966.00	18.16	1.60	6.24	0.	138.56	1500.00
5.000	208.00	15.35	0.	.99	0.	206.95	200.00
5.000	422.00	16.72	1.37	.89	0.	243.54	200.00
5.000	549.00	17.33	.61	.77	0.	259.87	200.00
5.000	966.00	18.89	1.56	.73	0.	326.15	200.00

4/11/65

New Run

Final

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

T1 MOTT CREEK
 T2 DNSLOW CO. M.C.
 T3 10-Y / 1.000

J1	ICHECK	INO	NINV	IDTR	STRT	METRIC	HVINS	Q	WSEL	FR
	0.	2.	0.	0.	0.002300	0.00	0.0	0.	2.500	0.000
J2	NPROF	IPLOT	PREVS	XSECV	XSECH	FN	ALLDC	IDW	CHNIM	ITRACE
	0.000	0.000	-1.000	0.000	0.000	0.000	-1.000	0.000	0.000	0.000
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	150.000	201.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
J6	IHLEG	ICOPY								
	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.200	0.200	0.090	0.100	0.300	0.000	0.000	0.000	0.000	0.000
GT	5.000	417.000	843.000	1098.000	1432.000	1098.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	10.400	0.000	0.000	0.000	0.000
X1	1.000	17.000	290.000	400.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	9.400	0.000	3.300	100.000	1.700	200.000	1.100	290.000	0.100	297.000
GR	-0.400	310.000	-2.600	330.000	-2.100	350.000	-4.400	370.000	0.000	390.000
GR	1.100	400.000	1.400	500.000	8.200	573.000	7.700	600.000	5.200	642.000
GR	5.900	700.000	16.500	800.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	2.000	16.000	385.000	400.000	2600.000	3000.000	2700.000	0.000	0.000	0.000
GR	17.400	0.000	17.400	100.000	20.000	165.000	16.800	-200.000	-2.500	290.000
GR	2.200	300.000	1.800	385.000	-0.100	388.000	-1.800	392.000	-0.100	397.000
GR	1.900	400.000	2.300	500.000	3.800	383.000	6.700	600.000	17.500	700.000
GR	21.500	800.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GT	5.000	200.000	422.000	549.000	966.000	549.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.400	0.000	0.000	0.000	0.000
X1	3.000	15.000	485.000	500.000	3500.000	3300.000	3600.000	0.000	0.000	0.000
GR	21.500	0.000	20.800	200.000	21.500	200.000	16.500	300.000	6.500	400.000
GR	5.000	485.000	4.000	492.000	3.400	494.000	4.000	497.000	5.500	500.000
GR	4.800	540.000	13.500	600.000	17.800	700.000	17.500	800.000	2.200	900.000

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

T1 MOTT CREEK
 T2 ONSLOW CO.
 T3 50-YEAR FLOOD

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	3.	0.	0.	0.002300	0.00	0.0	0.	2.600	0.000
J2	NPROF	IPLOT	PREVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	2.000	0.000	-1.000	0.000	0.000	0.000	-1.000	0.000	0.000	0.000

 HEC2 RELEASE DATED NOV 76 UPDATED APR 1980
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T1 MOTT CR.
 T2 ONSLOW CO.
 T3 100-YEAR FLOOD

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	G	WSEL	FG
	0.	4.	0.	0.	0.002300	0.00	0.0	0.	2.500	0.000
J2	NPROF	IPLDT	PRFVS	XSECV	XSECH	JN	ALLDC	IBW	CHNIN	ITRACE
	3.000	0.000	-1.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000

 HEC2 RELEASE DATED NOV 75 UPDATED APR1 1980
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71 MDTT CR.
 T2 DMSLOW CO.
 T3 500-YEAR F1 000

J1	ICHECK	ING	NINV	1DIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	5.	0.	0.	0.002300	0.00	0.0	0.	2.600	0.000
J2	NPROF	1PLOT	PREVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	0.000	-1.000	0.000	0.000	0.000	-1.000	0.000	0.000	0.000

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

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

FLOOD

SUMMARY PRINTOUT TABLE 150

SECTNO	XLCH	ELTRD	ELLC	ELMIN	G	CWSEL	CRWS	EQ	10K*8	VCH	AREA	QIK
1.000	0.00	0.00	0.00	-4.40	417.00	0.83	-1.59	0.86	22.93	1.50	278.06	87.09
1.000	0.00	0.00	0.00	-4.40	843.00	2.09	-0.97	2.14	23.07	1.92	569.82	175.51
1.000	0.00	0.00	0.00	-4.40	1099.00	2.60	0.00	2.66	23.21	2.09	748.54	227.92
1.000	0.00	0.00	0.00	-4.40	1932.00	3.89	0.26	3.97	23.14	2.49	1277.86	401.67
2.000	2700.00	0.00	0.00	-1.80	417.00	4.80	2.75	4.81	10.46	1.45	776.78	138.91
2.000	2700.00	0.00	0.00	-1.80	843.00	6.22	3.22	6.23	10.89	1.75	1232.88	255.21
2.000	2700.00	0.00	0.00	-1.80	1098.00	6.86	0.00	6.87	11.32	1.90	1449.95	326.38
2.000	2700.00	0.00	0.00	-1.80	1932.00	8.51	3.97	8.53	12.75	2.32	2027.74	541.04
3.000	3500.00	0.00	0.00	3.40	208.00	8.21	5.94	8.22	9.32	1.18	412.76	65.12
3.000	3500.00	0.00	0.00	3.40	422.00	9.62	6.56	9.63	9.05	1.44	684.76	140.24
3.000	3500.00	0.00	0.00	3.40	549.00	10.30	0.00	10.31	8.95	1.56	826.79	183.51
3.000	3500.00	0.00	0.00	3.40	966.00	12.09	7.22	12.10	8.79	1.84	1240.35	325.84
4.000	1500.00	0.00	0.00	9.20	208.00	14.37	11.95	14.55	78.35	3.67	34.28	23.50
4.000	1500.00	0.00	0.00	9.20	422.00	15.93	13.43	16.17	81.52	4.57	187.71	46.74
4.000	1500.00	0.00	0.00	9.20	549.00	16.58	0.00	16.83	81.66	4.89	243.44	60.75
4.000	1500.00	0.00	0.00	9.20	966.00	18.18	15.79	18.44	79.67	5.57	440.64	108.23
5.000	400.00	0.00	0.00	10.70	208.00	15.66	13.17	15.88	16.81	1.57	331.41	50.74
5.000	400.00	0.00	0.00	10.70	422.00	17.03	14.71	17.04	12.29	1.64	651.03	120.35
5.000	400.00	0.00	0.00	10.70	549.00	17.65	0.00	17.66	11.48	1.70	812.11	152.01
5.000	400.00	0.00	0.00	10.70	966.00	19.20	15.41	19.22	10.59	1.91	1279.74	326.35

FLOOD

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CMSEL	DIFWSP	DIFWSX	DIFKWS	TORWID	XLCH
1.000	417.00	0.83	0.00	0.00	-1.77	105.61	0.00
1.000	843.00	2.07	1.26	0.00	-0.51	331.78	0.00
1.000	1098.00	2.60	0.51	0.00	0.00	367.13	0.00
1.000	1732.00	3.89	1.29	0.00	1.29	436.42	0.00
2.000	417.00	4.80	0.00	3.98	0.00	314.68	2700.00
2.000	843.00	6.22	1.41	4.13	0.00	330.89	2700.00
2.000	1098.00	6.06	0.64	4.26	0.00	339.70	2700.00
2.000	1732.00	8.51	1.65	4.62	0.00	364.54	2700.00
3.000	208.00	8.21	0.00	3.41	0.00	180.67	3600.00
3.000	422.00	9.62	1.41	3.41	0.00	204.47	3600.00
3.000	549.00	10.20	0.68	3.44	0.00	215.09	3600.00
3.000	766.00	12.07	1.77	3.58	0.00	246.14	3600.00
4.000	208.00	14.37	0.00	5.16	0.00	47.47	1500.00
4.000	422.00	15.93	1.56	6.31	0.00	84.76	1500.00
4.000	549.00	16.58	0.65	6.29	0.00	100.67	1500.00
4.000	766.00	18.18	1.59	6.09	0.00	139.15	1500.00
5.000	208.00	15.66	0.00	1.29	0.00	215.09	400.00
5.000	422.00	17.03	1.37	1.10	0.00	251.72	400.00
5.000	549.00	17.65	0.62	1.06	0.00	268.29	400.00
5.000	766.00	19.20	1.55	1.02	0.00	358.54	400.00

13

New Run

Morgan

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

new reach length

T1 MOTT CREEK
 T2 ONSLOW CO. N. C.
 T3 100-YR FLOOD

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG	
	0.	4.	0.	0.	0.000000	0.00	0.0	0.	2.600	0.000	
J2	NPROF	IPLDT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE	
	0.000	0.000	-1.000	0.000	0.000	0.000	-1.000	0.000	0.000	0.000	
J3	VARIABLE CODES FOR SUMMARY PRINTOUT										
	110.000	200.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
J5	LPRNT	NUMSEC	*****REQUESTED SECTION NUMBERS*****								
	-10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
J6	IHLEG	ICOPY									
	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
NC	0.200	0.200	0.070	0.100	0.300	0.000	0.000	0.000	0.000	0.000	0.000
QT	5.000	417.000	843.000	1098.000	1732.000	1098.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	10.400	0.000	0.000	0.000	0.000	0.000
X1	1.000	17.000	270.000	400.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	9.400	0.000	3.300	100.000	1.700	200.000	1.100	290.000	0.100	297.000	
GR	-0.700	310.000	-2.600	330.000	-2.100	350.000	-4.400	370.000	0.000	390.000	
GR	1.100	400.000	1.400	500.000	8.200	573.000	7.700	600.000	5.200	642.000	
GR	5.900	700.000	16.500	800.000	0.000	0.000	0.000	0.000	0.000	0.000	
X1	2.000	16.000	385.000	400.000	2600.000	3000.000	2700.000	0.000	0.000	0.000	0.000
GR	17.400	0.000	19.400	100.000	20.000	165.000	16.800	200.000	2.500	290.000	
GR	2.200	300.000	1.800	385.000	-0.100	388.000	-1.800	392.000	-0.100	397.000	
GR	1.900	400.000	2.300	500.000	3.800	585.000	6.700	600.000	17.500	700.000	
GR	21.500	800.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
QT	5.000	208.000	422.000	549.000	766.000	549.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.400	0.000	0.000	0.000	0.000	0.000

 HEC2 RELEASE DATED NOV 74 UPDATED APR 1980
 ERROR CORR - 01, 02, 03, 04
 MODIFICATION - 50, 51, 52, 53, 54

T1 MOTT CREEK
 T2 ONSLOW CO.
 T3 FLOODWAY

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	0.	6.	0.	0.	0.000000	0.00	0.0	0.	3.600	0.000
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	0.000	-1.000	0.000	0.000	0.000	-1.000	0.000	0.000	0.000

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

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

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

R FLOOD

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	GLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
1.000	2.60	0.00	2.66	369.13	48.97	988.04	60.99	0.00	0.00	290.00	400.00	0.00
1.000	3.60	1.00	3.66	110.00	0.00	1098.00	0.00	0.19	290.00	290.00	400.00	400.00
2.000	6.86	0.00	6.87	339.00	352.59	202.05	543.36	0.00	0.00	385.00	400.00	0.00
2.000	7.56	0.70	7.58	204.99	284.00	256.32	557.67	0.27	322.53	385.00	400.00	527.52
3.000	10.30	0.00	10.31	215.89	230.88	136.53	181.59	0.00	0.00	485.00	500.00	0.00
3.000	11.06	0.76	11.08	130.45	224.61	160.02	164.37	0.22	409.89	485.00	500.00	540.34
4.000	16.58	0.00	16.83	100.71	81.98	362.74	104.27	0.00	0.00	435.00	446.00	0.00
4.000	17.34	0.77	17.70	28.34	41.45	435.93	71.61	0.23	427.59	435.00	446.00	455.93
5.000	17.64	0.00	17.66	268.16	203.69	173.33	141.98	0.00	0.00	433.00	450.00	0.00
5.000	18.46	0.82	18.48	144.13	232.61	206.10	110.28	0.25	352.24	433.00	450.00	496.38

FLOODWAY DATA, R FLOOD
PROFILE NO. 2

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION		
				WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
1.000	110.	583.	1.9	3.6	2.6	1.0
2.000	205.	1150.	1.0	7.6	6.9	0.7
3.000	130.	714.	0.8	11.1	10.3	0.8
4.000	28.	161.	3.4	17.4	16.6	0.8
5.000	144.	669.	0.8	18.4	17.6	0.8

(1)

Le... ET... (01130)

THIS RUN EXECUTED 25 NOV 81 14.00.06

VOID

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

T1 NORTH CAROLINA FLOOD STUDIES
 T2 MOTT CREEK OF NORTH CAROLINA
 T3 FLOODWAY

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	0	WSEL	FO
	-0.	4.	-0.	-0.	-0.	-0.	-0.	-0.	2.600	-0.
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IHW	CHNIM	ITRACE
	-0.	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	200.000	110.000	-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.
J6	IHLG	ICOPY								
	1.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
NC	.200	.200	.090	.100	.300	-0.	-0.	-0.	-0.	-0.
QT	5.000	417.000	843.000	1098.000	1932.000	1098.000	-0.	-0.	-0.	-0.
ET	-0.	-0.	-0.	-0.	-0.	10.400	-0.	-0.	-0.	-0.
X1	1	17.000	290.000	400.000	-0.	-0.	-0.	-0.	-0.	-0.
GR	9.400	-0.	3.300	100.000	1.700	200.000	1.100	290.000	.100	297.000
GP	-9.900	310.000	-2.600	330.000	-2.100	350.000	-4.400	370.000	-0.	390.000
GK	1.100	400.000	1.400	500.000	8.200	573.000	7.700	600.000	5.200	642.000
GR	5.900	700.000	16.500	800.000	-0.	-0.	-0.	-0.	-0.	-0.
X1	2.000	16.000	385.000	480.000	2600.000	3000.000	2700.000	-0.	-0.	-0.
GR	17.400	0.	19.400	140.000	20.000	165.000	16.800	200.000	2.500	290.000
GR	2.200	300.000	1.800	385.000	-0.100	388.000	-1.800	392.000	-0.100	397.000
GR	1.900	400.000	2.300	500.000	3.800	585.000	6.700	600.000	17.500	700.000
GR	21.500	800.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
QT	5.000	208.000	422.000	549.000	966.000	549.000	-0.	-0.	-0.	-0.
ET	-0.	-0.	-0.	-0.	-0.	7.400	-0.	-0.	-0.	-0.

keep this card

					3500	3300	3600			
X1	3.000	15.000	485.000	500.000	3200.000	3000.000	3200.000	-0.	-0.	-0.
GR	21.500	-0.	20.800	200.000	21.500	200.000	16.500	300.000	6.500	400.000
GR	5.700	485.000	4.000	492.000	3.400	494.000	4.000	497.000	5.500	500.000
GR	4.800	540.000	13.500	600.000	17.800	700.000	17.500	800.000	18.200	900.000
X1	4.000	14.000	435.000	446.000	1600.000	1100.000	1500.000 <i>ok</i>	-0.	-0.	-0.
GR	23.100	0.	23.000	50.000	22.800	150.000	22.200	250.000	20.400	350.000
GR	12.800	435.000	9.500	438.000	9.200	440.000	9.500	446.000	13.200	450.000
GR	21.000	550.000	25.700	650.000	27.700	750.000	29.300	850.000	-0.	-0.
X1	5.000	14.000	433.000	450.000	200.000	200.000	200.000	-0.	-0.	-0.
GR	20.200	0.	19.700	150.000	19.100	250.000	14.000	350.000	13.900	433.000
GR	11.000	436.000	10.700	440.000	11.000	445.000	14.300	450.000	14.600	525.000
GR	18.100	550.000	20.700	650.000	21.300	750.000	23.100	850.000	-0.	-0.
EJ	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.

Void

THIS RUN EXECUTED 25 NOV 81 14.00.06

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

T1 NORTH CAROLINA FLOOD STUDIES
 T2 MOTT CREEK OF NORTH CAROLINAS
 T3 FLOODWAY

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-0.	6.	-0.	-0.	-0.	-0.	-0.	-0.	3.600	-0.
J2	NPROF	IFLOT	PRFVS	XSECV	XSECH	FA	ALLDC	IBW	CHNIM	ITRACE
	15.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

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

THIS RUN EXECUTED 25 NOV 81 14.00.06

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

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

WAY

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
1.000	2.60	0.	2.66	369.13	48.97	928.04	60.99	0.	0.	290.00	400.00	0.
1.000	3.60	1.00	3.66	110.00	0.	1098.00	0.	.19	290.00	290.00	400.00	400.00
2.000	6.86	0.	6.87	339.00	352.59	202.05	543.36	0.	0.	385.00	400.00	0.
2.000	7.56	.70	7.58	204.99	284.00	256.32	557.67	.27	322.53	385.00	400.00	527.52
3.000	10.15	0.	10.16	213.37	228.83	138.35	181.82	0.	0.	485.00	500.00	0.
3.000	10.96	.81	10.98	128.47	228.56	166.77	153.67	.22	411.24	485.00	500.00	539.70
4.000	16.56	0.	16.81	100.39	81.64	363.42	103.94	0.	0.	435.00	446.00	0.
4.000	17.35	.79	17.70	28.19	41.12	436.59	71.30	.23	427.65	435.00	446.00	455.85
5.000	17.33	0.	17.36	259.87	228.84	183.09	137.07	0.	0.	433.00	450.00	0.
5.000	18.18	.85	18.21	136.25	227.78	219.22	102.00	.27	355.99	433.00	450.00	492.24

Mott Creek
FLOODWAY DATA, WAY
PROFILE NO. 2

STATION	----- WIDTH	FLOODWAY SECTION AREA	----- MEAN VELOCITY	WATER SURFACE ELEVATION		
				WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
1.000	110.	583.	1.9	3.6	2.6	1.0
2.000	205.	1150.	1.0	7.6	6.9	.7
3.000	128.	691.	.8	10.9	10.1	.8
4.000	28.	161.	3.4	17.4	16.6	.8
5.000	136.	597.	.9	18.1	17.3	.8

CUMULATIVE DISTANCE

6004
 3300
 6400
 7900
 8100