

MILL SWAMP

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MILL SWAMP TRIB.

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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 MEC-2 SPECIAL BRIDGE ROUTINE. IT CHECKS FOR THE PRESENCE OF X3 CARDS AT THE UPSTREAM AND DOWNSTREAM BRIDGE SECTIONS, CHECKS ELCA (X308) AND ELREA (X309) FOR REASONABLENESS, AND COMPARES DATA FOR YARVELL'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) 448-2105 OR (916) 440-2105.

T1 MILL SWAMP TRIB
T2 ONSLOW COUNTY
T3 10 YEAR FLOOD

J1 2.
J2 -1.
J3 11. 150. 201.
J4 1.

NC 2 2 609 61 63

X1 2 437 450.
GR 29 266 250.
GR 20 200 447.

26.7 350. 24.7 437 24.4 441
23.6 450. 27.6 550. 30.7 350.7

X1 3.1

VC 5 69 5.
X1 3.2 106 445. 450. 65

X3 10 29.6 350. 26.6 430. 22. 27. 445.
GR 22 450. 22. 452. 29.6 30. 550. 32.5 450.

SB 1 1.7 3. 6. 1. 30. 20.9 20.9
X1 3.3 1. 25.9 52. 52. 27. 22. 445.
X5 29.8 22. 452. 29.6 30. 550. 32.5 450.

BT 4. 29.8 450. 29.6 29.8 29.8 29.8
BT 850. 32.5 650. 30.8

X1 3.4 50. 50. 50.

SUMMARY OF ERRORS
T1 MILL SWAMP TRIB
T2 ONSLOW COUNTY
T3 10 YEAR FLOOD

- ERROR - 01 CARD - WSEL = -0. MUST BE ENTERED

2.000 - ERPOK - 01 CARD - NUMD = 50000 OUTSIDE TEST RANGE

X1 2. 10. 437. 450.

2.000 - ERROR - 01 CARD EXPECTED

2.000 - NOTE - 01 CARD - NUMD = 50000 DOES NOT EQUAL NUMBER OF 0 READ = 0

Handwritten notes:
12000 values
01
4 (1) 1000
4 (1) 1000

THIS RUN EXECUTED 09 DEC 81 09:35:56

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 MEC2 RELEASE DATED NOV 76 UPDATED APRIL 1980
 ERROR CORR - 01:02:03:04
 MODIFICATION - 50:51:52:53:54

T1 MILL SWAMP TRIBUTARY
 T2 ONSLOW COUNTY
 T3 56 YEAR FLOOD

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	MVINS	0	MSEL	FO
	-0.	3.	-0.	-0.	.003000	-0.	-0.	-0.	28.880	-0.
J2	NPROF	IPLOT	PRFS	XSECV	XSECH	FN	ALLOC	IDW	CHNIN	ITRASE
	2.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 09 DEC 81 09:15:56

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 HEC2 RELEASE DATED NOV 76 UPDATED APR 1980
 ERROR CORR - 01,02,03,04
 MODIFICATION - 5051,52,53,54

T1 MILL SWAMP TRIBUTARY
 T2 ONSLOW COUNTY
 T3 100 YEAR FLOOD

J1	ICHECK	INU	NINV	IOIR	STRT	METRIC	HVINS	0	USEL	FO
	-0.	4.	-0.	-0.	.003000	-0.	-0.	-0.	29.000	-0.
J2	NPROF	IFLOT.	PREVS	XSECV	XSECH	FN	ALLOC	IDU	CNNIM	ITRACE
	3.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 09 DEC 81 09:15:57

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

T1 MILL SWAMP TRIBUTARY
 T2 ONSLOW COUNTY
 T3 500 YEAR FLOOD

	J1	ICHECK	INH	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FR
	-0.	5.	-0.	-0.	-0.	0.003000	-0.	-0.	-0.	25.000	-0.
J2	NPROF	IFLOT	PRFVS	XSECV	XSECH	FN	ALLOC	IBW	CHNIN	ITRACE	
	15.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.	

THIS RUN EXECUTED 09 DEC 81 09:15:57

 HEC2 RELEASE DATED NOV 76 UPDATED APRIL 1980
 ERROR CORN = 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

AR FLOOD

SUMMARY PRINTOUT TABLE 150

SECD	XLCH	ELTRD	ELLC	ELMIN	Q	CVSEL	CRINS	EG	10K+S	VCH	AREA	OSK
2.000	-0.	0.	0.	20.00	220.00	26.45	23.23	26.51	30.32	2.30	220.23	39.95
2.000	-0.	0.	0.	20.00	455.00	27.56	25.13	27.61	29.95	2.61	533.57	83.13
2.000	-0.	0.	0.	20.00	605.00	27.98	25.83	28.03	30.04	2.73	707.36	110.30
2.000	-0.	0.	0.	20.00	1090.00	28.92	26.95	28.96	30.16	2.98	1228.82	190.48
3.100	450.00	0.	0.	20.00	220.00	27.22	23.24	27.24	11.14	1.53	412.53	65.93
3.100	450.00	0.	0.	20.00	455.00	28.32	25.15	28.34	10.92	1.70	872.82	137.69
3.100	450.00	0.	0.	20.00	605.00	28.76	25.83	28.77	11.29	1.80	1123.87	180.89
3.100	450.00	0.	0.	20.00	1090.00	29.75	27.85	29.75	12.15	2.03	1801.36	312.67
3.200	50.00	0.	0.	22.00	220.00	27.30	25.90	27.34	24.34	2.45	177.19	44.59
3.200	50.00	0.	0.	22.00	455.00	28.43	27.04	28.54	53.76	4.17	220.84	62.23
3.200	50.00	0.	0.	22.00	605.00	28.89	27.07	29.86	73.60	5.13	244.80	70.52
3.200	50.00	0.	0.	22.00	1090.00	29.94	27.10	30.21	123.19	7.30	443.32	98.21
3.300	52.00	29.80	26.90	22.00	220.00	28.70	0.	28.72	10.82	1.93	232.16	66.87
3.300	52.00	29.80	26.90	22.00	455.00	30.05	0.	30.09	19.38	2.92	499.55	103.35
3.300	52.00	29.80	26.90	22.00	605.00	30.16	0.	30.22	30.31	3.68	562.99	107.89
3.300	52.00	29.80	26.90	22.00	1090.00	30.39	0.	30.54	75.08	5.91	698.97	135.79
3.400	50.00	0.	0.	22.00	220.00	28.75	23.38	28.77	10.51	1.91	235.15	67.85
3.400	50.00	0.	0.	22.00	455.00	30.14	24.23	30.18	17.42	2.79	554.78	109.01
3.400	50.00	0.	0.	22.00	605.00	30.31	24.69	30.36	25.40	3.42	652.09	120.05
3.400	50.00	0.	0.	22.00	1090.00	30.76	25.94	30.85	48.05	4.87	928.54	157.24

AR FLOOD

SUMMARY PRINTOUT TABLE 150

SECD	Q	CWSEL	DIFWSP	DIFWSX	DIFWNS	TOPHIO	XLCH
2.000	220.00	26.05	0.	0.	17.05	155.24	-0.
2.000	455.00	27.56	1.11	0.	2.56	360.99	-0.
2.000	605.00	27.98	.42	0.	2.98	453.27	-0.
2.000	1090.00	28.92	.94	0.	3.92	657.16	-0.
3.100	220.00	27.22	0.	.77	0.	333.60	450.00
3.100	455.00	28.32	1.10	.76	0.	526.99	450.00
3.100	605.00	28.76	.44	.77	0.	621.24	450.00
3.100	1090.00	29.73	.97	.81	0.	749.77	450.00
3.200	220.00	27.30	0.	.06	0.	37.84	50.00
3.200	455.00	28.43	1.13	.11	0.	39.71	50.00
3.200	605.00	28.89	.46	.14	0.	76.39	50.00
3.200	1090.00	29.94	1.05	.21	0.	546.83	50.00
3.300	220.00	28.70	0.	1.40	0.	52.01	52.00
3.300	455.00	30.05	1.35	1.61	0.	555.61	52.00
3.300	605.00	30.36	.11	1.27	0.	569.15	52.00
3.300	1090.00	30.39	.23	.45	0.	597.13	52.00
3.400	220.00	26.75	0.	.05	0.	58.69	50.00
3.400	455.00	30.14	1.39	.10	0.	567.41	50.00
3.400	605.00	30.31	.17	.15	0.	587.63	50.00
3.400	1090.00	30.76	.45	.37	0.	641.61	50.00

THIS RUN EXECUTED 30 NOV 81, 08.55.08

 MEC2 RELEASE DATED NOV 76 UPDATED APR1 1980
 ERROR CORR - 01.02.03.04
 MODIFICATION - 50.51.52.53.54

T1 MILL SWAMP TRIB
 T2 ONSLOW COUNTY
 T3 100 YEAR FLOOD

J1	ICHECK	ING	NINV	IDIF	STRT	METRIC	MVINS	0	WSEL	FG
	-0.	4.	-0.	-0.	003000	-0.	-0.	-0.	25.000	-0.

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLOC	IBW	CHNIM	ITRACE
	1.000	-0.	-1.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.

J3 VARIABLE CODES FOR SUMMARY PRINTOUT
 200.000 110.000 -0. -0. -0. -0. -0. -0.

J5 LFRNT NUMSEC *****REQUESTED SECTION NUMBERS*****
 -10.000 -0. -0. -0. -0. -0. -0. -0.
 INLEG ICOPY

J6	NC	DT	ET	ICOPY	NUMSEC	REQUESTED SECTION NUMBERS
	1.000	2.000	5.000	20.000	44.000	44.000

J6	NC	DT	ET	ICOPY	NUMSEC	REQUESTED SECTION NUMBERS
	1.000	2.000	5.000	20.000	44.000	44.000

J6	NC	DT	ET	ICOPY	NUMSEC	REQUESTED SECTION NUMBERS
	1.000	2.000	5.000	20.000	44.000	44.000

J6	NC	DT	ET	ICOPY	NUMSEC	REQUESTED SECTION NUMBERS
	1.000	2.000	5.000	20.000	44.000	44.000

J6	NC	DT	ET	ICOPY	NUMSEC	REQUESTED SECTION NUMBERS
	1.000	2.000	5.000	20.000	44.000	44.000

J6	NC	DT	ET	ICOPY	NUMSEC	REQUESTED SECTION NUMBERS
	1.000	2.000	5.000	20.000	44.000	44.000

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 MEC2 RELEASE DATED NOV 76 UPDATED APRIL 1980
 ERROR CORR - 01.82.03.00
 MODIFICATION - 50515253054

T1 MILL SWAMP TRIS
 T2 ONSLOW COUNTY
 T3 FLOOD WAY

	J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	MVNS	G	USEL	FG
	-0.	6.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	20.980	-0.
	J2	NPROF	IFLOT	PRFS	XSECV	XSECH	FN	ALLOC	IDL	CHNIM	ITRACE
	15.000	-0.	-1.000	-0.	-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 30 NOV 81 CA.55.08

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 HEC2 RELEASE DATED NOV 76 UPDATED APR1 1980
 ERROR CORR - 910250300
 MODIFICATION - 505102058.54

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

100 YEAR FLOOD

SUMMARY PRINTOUT TABLE 110

SECTO	CWSEL	DIFKUS	EG	TOPWD	QLOP	GCM	GRCB	PERENC	STENCL	STCHL	SYCHR	STENCH
2.000	27.98	2.98	28.03	453.27	220.68	234.69	149.62	0.	0.	437.00	438.00	0.
2.001	28.98	1.00	29.06	134.64	271.17	303.93	31.90	.46	342.68	437.00	458.00	457.52
3.100	28.44	0.	28.46	551.81	254.18	195.28	152.55	0.	0.	437.00	450.00	0.
3.101	29.46	1.02	29.50	156.83	311.85	249.80	47.35	.45	304.99	437.00	450.00	461.83
3.200	28.61	0.	28.80	41.59	200.68	178.01	226.31	0.	0.	445.00	458.00	0.
3.201	29.60	.99	29.81	30.39	159.91	209.87	235.21	.25	433.21	445.00	450.00	463.59
* 3.300	30.14	0.	30.21	567.30	227.15	151.14	226.71	0.	0.	445.00	450.00	0.
* 3.301	31.14	.99	31.22	59.95	301.10	183.06	120.84	.45	361.03	445.00	450.00	460.88
3.400	30.36	0.	30.35	586.13	240.37	142.64	221.99	0.	0.	445.00	450.00	0.
3.401	31.36	1.00	31.37	120.19	315.70	172.35	116.95	.45	331.07	445.00	450.00	461.26

30 NOV 61 08:55:08

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MILL SWAMP T716
FLOODWAY DATA 100 YEAR FLOOD
PROFILE NO. 2

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	CUMULATIVE DISTANCE
2+070	115.	438.	1.4	29.0	26.0	225.0
3+100	157.	620.	1.0	29.4	28.4	2700
3+200	20.	239.	2.6	29.6	28.6	2750
3+300	100.	412.	1.5	31.1	30.1	2802
3+400	130.	477.	1.3	31.3	31.3	2852