

MILL SWAMP

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.

C	14.									
C	1	XSECNO 1 - 1200 FT U/S OF CONFLUENCE W/ NEW RIVER								
C	1.2	XSECNO 1 DUPLICATED AT 80 PERCENT AND +1.5%								
C	4.1	BRIDGE SECTION 4								
C	4.2	BRIDGE FACE								
C	5	NATURAL XSEC FROM FIELD SURVEY								
C	6.1	BRIDGE SECTION 6 DOUBLE BRIDGE CODED AS ONE W/ LARGE PIERS.								
C	6.2	BRIDGE FACE D/S								
C	6.3	BRIDGE FACE U/S								
C	6.4	SEC 6.1 DUPLICATED								
C	7	LONG STRETCH BETWEEN 6 + 7 BE CAREFULL								
C	7	XSECNO 7 MODELS D/S NATURAL SECTION OF BRIDGE SECTION 8								
C	8.4	8.4 COMPILED FROM ADVANCED QUAD TOPO								
C	9.	XSECNO 9, NATURAL FROM SURVEY, EXTENDED ON ADVANCED QUAD								
C	11.1	XSECNO 11.1 COMPILED FROM ADVANCED QUAD USING YSECNO 12								
T1	RICHLANDS, ONSLOW COUNTY, NORTH CAROLINA									
T2	MILL SWAMP - GROUP 1 FOUR FLOODS									
T3	10-YEAR FLOOD									
J1	2.			.0003					19.	
J21.										-1.
J3110.	150.	201.	200.							
J51										
NC.2	.2	.29	.1	.3						
QT5.	1307.	2484.	3169.	5290.	3169.					
X11.	15.	1600.	1630.							
GR40.	0.	27.	900.	23.	1700.	22.	1040.	15.5	1100.	
GR16.	1600.	15.3	1606.	14.9	1506.	14.3	1516.	15.3	1626.	
GR16.3	1630.	19.5	2030.	22.	2130.	34.	2230.	32.	3000.	
NC.2	.2	.29	.3	.5						
X14.1	16.	4000.	4066.	1700.	1200.	1100.				
GR40.	1900.	32.	3100.	26.25	3280.	19.7	3400.	19.7	4000.	
GR16.6	4016.	15.	4033.	14.7	4040.	15.8	4050.	18.4	4054.	
GR20.5	4055.	21.4	4056.	22.6	4066.	30.4	4500.	32.8	4600.	
GR46.	5600.									
X11.2	0.	0.	0.	1700.	1800.	1900.				
X14.2	22.	4000.	4066.	150.	150.	150.				
X310.							25.	25.		
GR50.	0.	40.	1900.	25.	3500.	26.	4000.	22.1	4000.	
GR21.1	4011.	16.8	4010.	12.8	4033.	13.7	4040.	15.8	4050.	
GR18.4	4054.	20.5	4055.	21.4	4056.	22.6	4066.	26.1	4066.	
GR26.1	4100.	26.6	4200.	27.6	4300.	29.	4400.	30.4	4500.	
GR40.	5100.	50.	6200.							
SB1.05	1.6	2.9		41.8	4.5	463.	1.3	15.	15.	
X14.3	22.	4000.	4066.	29.	29.	29.				
X2	1.	24.43	26.							
X310.							28.6	28.6		
BF10.		50.		1900.	4000.	3500.	26.	26.		
BT 4000.26.			4000.	28.6		4066.	28.6		4066.	
BT 26.1		4500.	30.4		5100.	40.		6200.	50.	
BT										
GR50.	0.	40.	1900.	26.	3500.	26.	4000.	22.1	4000.	
GR21.1	4011.	16.8	4016.	12.8	4033.	13.7	4040.	15.8	4050.	
GR18.4	4054.	20.5	4055.	21.4	4056.	22.6	4066.	26.1	4066.1	
GR26.1	4100.	26.6	4200.	27.6	4300.	29.	4400.	30.4	4500.	
GR40.	5100.	50.	6200.							

Handwritten signature and notes:
 A. J. ...
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X1 4.4	166	4000.	4066.	50.	50.	100.				
GR 40.	1900.	32.	3100.	26.25	3280.	19.7	3400.	19.7	4000.	
GR 16.8	4016.	15.	4033.	14.7	4040.	15.8	4050.	18.4	4054.	
GR 20.5	4055.	21.4	4056.	22.6	4066.	30.4	4500.	32.8	4600.	
GR 46.	5600.									

NC.2	.2	.09	.1	.3						
X1 5.	19.	404.	450.	250.	420.	600.				
GR 32.4		31.7	50.	28.7	150.	28.1	188.	25.1	250.	
GR 22.1	272.	21.8	350.	22.	404.	18.9	406.	18.5	406.	
GR 17.	423.	18.2	427.	18.9	429.	22.2	450.	19.9	550.	
GR 20.	650.	19.6	750.	29.6	820.	30.	850.			

X16.1	31.	3645.	4091.	1200.	1500.	1700.				
GR 50			50	1400	40	2800	33	3220	31.5	3400
GR 27	3600		26	3645	25.1	3645	24.9	3655	20.89	3662
GR 19.3	3667	19.9	3677	19.9	3679	22.1	3680	23.5	3692	
GR 26	3692	26	4043	22.6	4043	21.6	4047	17.8	4059	
GR 17.5	4066	17.7	4076	21.6	4085	23	4091	26	4091	
GR 26.2	4100	27.5	4200	29	4400	33	4550	40	5400	
GR 55	7000									

NC.2	.2	.09	.3	.5						
X16.2	31.	3645.	4091.	600.	690.	850.				
X3 10.							27.5	27.5		
GR 50			50	1400	40	2800	33	3220	31.5	3400
GR 29.5	3600.	26.1	3630.	25.1	3645.	24.9	3655.	20.89	3662.	
GR 19.3	3667	19.89	3677	19.9	3679	22.1	3680	23.5	3692	
GR 25.	3707.	23.6	4033.	22.6	4043.	21.6	4047.	17.8	4059.	
GR 17.474068.		17.7	4076.	21.6	4085.	23.	4091.	23.	4097.	
GR 24.	4100.	27.5	4200.	29.	4400.	33.	4550.	40.	5400.	
GR 55.	7000		40	8000						

S3 1.05	1.56	3.		467.	371.	576.		21.5	21.5	
X1 5.3				21.	21.	21.				
X2		1.	27.7	27.5						
X310.							29.5	27.5		
BT 20.		50.		1400.	50.		2800.	40.		
BT 3220.33.			3400.	31.5		3600.	29.5		3645.	
BT 29.5		3645.	32.1		3692.	32.1		3692.	29.3	
BT 4043.		28.1		4043.	30.8		4091.	30.8		
BT 4091.27.5			4210.	27.5		4400.	29.		4550.	
BT 33.		5400.	40.		7000.	55.		8000.	40.	
BT										

NC.2	.2	.09	.1	.3						
X16.4	31.	3645.	4091.	300.	400.	400.				
GR 50			50	1400	40	2800	33	3220	31.5	3400
GR 27	3600		26	3645	25.1	3645	24.9	3655	20.89	3662
GR 19.3	3667	19.9	3677	19.9	3679	22.1	3680	23.5	3692	
GR 26	3692	26	4043	22.6	4043	21.6	4047	17.8	4059	
GR 17.5	4066	17.7	4076	21.6	4085	23	4091	26	4091	
GR 26	4100	27.5	4200	29	4400	33	4550	40	5400	
GR 55	7000									

X1 7.	25.	2425.	2450.	2400.	4000.	4100.				
GR 52.8		46.2	350.	35.	1050.	28.	1950.	27.5	2150.	
GR 28.	2150.	27.5	2350.	27.5	2350.	26.65	2425.	24.2	2430.	
GR 22.252432.		19.65	2430.	22.55	2445.	24.2	2445.	25.4	2450.	
GR 26.	2550.	25.4	2650.	24.4	2750.	26.	2850.	28.5	2900.	
GR 30.5	2950.	34.4	3050.	35.3	3100.	46.2	3450.	52.8	4650.	

NC	.09	.3	.5							
X18.2	18.	2203.	2250.	350.	350.	400.				
X310.							33.5	33.5		
X4 3.	24.2	2948.	21.5	3003.	26.	3010.				

GR 52.8	46.2	1300.	46.2	1650.	34.7	1800.	34.5	2193.
GR 24.152203.	25.8	2215.	22.6	2225.	21.2	2236.	25.1	2247.
GR 25.1 2250.	34.6	2250.	34.6	2400.	34.9	2500.	35.7	2600.
GR 36.8 2700.	46.2	3300.	52.8	4600.				

SB1.05 1.56	2.7		25.2	1.	422.	.85	21.15	21.15
X18.3			20.	20.	20.			
X2	1.	33.35	35.5					
X310.						34.5	35.5	
BT 11.	52.8		550.	46.2		1650.	46.2	
BT 1800.37.7		2203.	34.5		2203.	37.6		2250.
BT 37.6	2250.	34.6		2400.	35.		3300.	46.2
BT 4600.	57.6							

X13.4			300.	300.	400.			
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NC.2	.2	.09	.1	.3				
QT	5	1125	2155	2757	4633	2757		
X1 9.	23.	2968.	3600.	3700.	5400.	5100.		
GR 66.	295.	59.4	1300.	52.5	1900.	46.	2300.	39.4 2400.
GR 32.8 2550.	30.3	2600.	29.	2800.	29.5	2968.	25.9	2975.
GR 24.6	2980	25.9	2985	29.8	3000	30.5	3028	32.7 3035
GR 33.5	3046	32.8	3100	34.8	3200	36.2	3300	36.8 3400
GR 39.6 3500.	46.2	5200.	52.8	5500.				

X1 10.1 19.	2948.	3000.	3500.	2700.	3950.			
GR 75.	66.	1000.	44.5	2600.	41.5	2700.	40.	2800.
GR 39.2 2900.	34.7	2948.	34.7	2949.	31.9	2958.	28.9	2964.
GR 28.9 2976.	31.9	2984.	31.9	2994.	35.6	2999.	35.6	3000.
GR 39.4 3400.	42.	3650.	46.2	3800.	59.4	4500.		

NC.2	.2	.09	.3	.5				
X1 10.2			325.	325.	375.			
X3 10.						38.	38.	

SB1.05 1.56	2.8		26.	2.	304.	1.59	29.1	29.1
X1 10.3				24.6	24.6	24.6		
X2	1.	37.3	39.4					
X3 10.						39.6	39.4	
BT 12.	75.		1000.	65.		2600.	44.5	
BT 2800. 40.		2948.	39.6		2948.	41.9		3000.
BT 41.9	3300.	39.6		3400.	39.4		3650.	42.
BT 3600.	46.2		4500.	59.4				

X1 10.4			100.	100.	100.			
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NC.2	.2	.09	.1	.3				
X111.	21	2978	300.	325.	375.	400.		
X4 1.	59.4	2200.						
GR 75.	66.	590.	48.5	2570.	47.	2600.	35.5	2700.
GR 34.5 2800.	33.5	2900.	34.9	2978.	33.2	2982.	31.6	2990.
GR 33.2 2990.	34.8	3000.	34.3	3100.	35.2	3146.	38.6	3165.
GR 39. 3200.	42.1	3500.	41.6	3400.	46.2	3900.	52.8	4150.
GR 59.4 4600.								

X1 12.	21.	968.	1000.	4400.	3240.	4200.		
GR 60.	55.	200.	53.6	235.	46.8	400.	44.	500.
GR 39.4 540.	38.9	600.	39.2	700.	38.4	800.	38.7	900.
GR 39. 968.	37.1	980.	34.4	986.	37.1	993.	38.6	1000.
GR 39.5 1100.	39.4	1143.	48.9	1200.	51.6	1300.	53.5	1400.
GR 59.4 2300.								

QT	5	918	1778	2284	3874	2284		
X112.2 16	968.	1000.	1800.	2100.	2300.			
GR 66.	59.4	200.	52.8	430.	46.2	570.	38.7	900.
GR 38.9 968.	37.1	980.	34.4	986.	37.1	993.	38.6	1000.

GR 38.5	1059.	46.4	1100.	52.8	1200.	52.8	1900.	59.4	2360.
GR 56.	2800.								
X1 13.	22.	2362.	2382.	200. 5100	2300.	2200.	5100		
GR 72.6		66.	1850.	66.	1851.	54.3	2000.	53.2	2100.
GR 53.	2200.	44.	2300.	44.49	2362.	41.2	2366.	40.5	2372.
GR 41.2	2379.	44.7	2382.	44.7	2392.	48.5	2400.	44.9	2410.
GR 43.8	2500.	44.6	2600.	48.7	2634.	50.	2700.	52.2	2800.
GR 60.	5600.	70.	7200.						

X1 13.2	19.	1962.	1982.	1500.	1200.	1300.			
GR 7.		66.	500.	59.4	700.	52.0	780.	46.2	860.
GR 44.	900.	44.9	962.	41.2	966.	40.5	972.	41.0	979.
GR 44.7	982.	44.7	982.	48.5	1000.	44.7	1010.	43.8	1100.
GR 52.8	1150.	50.	1225.	66.	1400.	70.	2000.		
X1 13.4	19.	1962.	1982.	1500.	1200.	1300.			
GR 75.		72.6	1000.	66.	1400.	59.4	1600.	52.8	1800.
GR 52.8	1602.	44.	1900.	44.9	1962.	41.2	1966.	40.5	1972.
GR 41.2	1979.	44.7	1982.	44.7	1992.	48.5	2000.	44.9	2010.
GR 46.2	2100.	55.4	2200.	66.	2400.	72.6	3200.		

QT 5	414	342	1100	1832	1100				
X1 14.1	12.	2975.	3010	1600 4800	2500.	4700	1700	4450	
GR 72.6		72.6	1500.	73.	2500.	65.1	2800.	53.7	2975.
GR 49.5	2981.	49.	3000.	53.2	3010.	64.	3200.	67.	3300.
GR 70.	3400.	72.6	3600.						

VC.2	.2	.39	.3	.5					
X114.2	25.	2983.5	3000.	60.	60.	60.			
GR 72.6		72.6	1500.	70.	2500.	70.3	2575.	70.	2600.
GR 67.9	2700.	65.1	2800.	62.6	2900.	62.5	2901.	53.2	2983.5
GR 49.5	2984.5	49.	2994.5	49.	2994.5	49.6	2995.	53.8	3000.
GR 61.4	3100.	53.9	3200.	67.2	3300.	70.	3400.	72.6	3600.

SB	1.56	.6		9.5		165.	.28	47.1	47.1
X114.3	0.	0.	4.	26.3	26.3	26.3			
X2		1.	53.8	61.3					
X310.						61.3	61.3		
BT 11.	2700.	67.9	67.9	2800.	65.1	65.1	2900.	62.6	62.6
BT 29.1	61.3	61.3	2981.5	64.2	59.8	3000.	64.2	59.8	3001.
BT 61.3	61.3	3100.	61.4	61.4	3200.	63.9	63.9	3300.	67.2
BT 67.2	3400.	70.	70.						

VC.2	.2	.39	.1	.3					
X115.	15.	435.	425.	500.	600.	500.			
GR 71.2		70.7	25.	70.	60.	61.9	125.	56.9	225.
GR 57.0	403.	50.8	414.	50.	410.	50.8	418.	56.4	425.
GR 57.	525.	62.4	615.	62.9	625.	66.6	725.	70.6	825.

T1 MILL SWAMP, GROUP I
T2 ONSLOW COUNTY, NORTH CAROLINA FOUR FLOODS MODEL OF MILL SWAMP
T3 FIFTY YEAR FLOOD
J1 3. 100. 22.
J22.

T1 MILL SWAMP, GROUP I
T2 ONSLOW COUNTY, NORTH CAROLINA FOUR FLOODS MODEL OF MILL SWAMP
T3 HUNDRED YEAR FLOOD
J1 4. 100. 24.
J23.

T1 MILL SWAMP, GROUP I
T2 ONSLOW COUNTY, NORTH CAROLINA FOUR FLOODS MODEL OF MILL SWAMP
T3 FIVE HUNDRED YEAR FLOOD

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

T1 MILL SWAMP
 T2 ONSLOW CO.
 T3 50-YR FLOOD

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	0.	3.	0.	0.	0.000000	0.00	0.0	0.	59.050	0.000
J2	NPROF	IPL0T	PRFVS	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
 ERROR CORR - 01,02,03,04
 MODIFICATION - 50,51,52,53,54

T1 DNSLOW CO.
 T2 MILL SWAMP
 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.	60.200	0.000
J2	NPROF	IPLDT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	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 76 UPDATED APRI 1980
 ERROR CORR - 01,02,03,04
 MODIFICATION - 50,51,52,53,54

T1 MILL SWAMP
 T2 ONSLOW CO.
 T3 500-YR FLOOD

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	0.	5.	0.	0.	0.000000	0.00	0.0	0.	62.730	0.000
J2	NPROF	IPLLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IDW	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 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

FLOOD

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
4.400	0.00	0.00	0.00	49.00	416.00	56.62	52.62	56.76	43.04	3.22	212.43	63.41
4.400	0.00	0.00	0.00	49.00	842.00	59.05	54.68	59.19	37.09	3.68	481.45	138.28
4.400	0.00	0.00	0.00	49.00	1100.00	60.20	55.66	60.33	33.49	3.79	654.11	190.09
4.400	0.00	0.00	0.00	49.00	1932.00	62.73	57.46	62.86	28.84	4.08	1160.54	359.78
15.000	740.00	0.00	0.00	50.00	416.00	58.63	55.03	58.67	18.29	1.90	590.41	97.28
15.000	740.00	0.00	0.00	50.00	842.00	60.41	57.63	60.42	10.61	1.75	1291.48	258.55
15.000	740.00	0.00	0.00	50.00	1100.00	61.34	58.00	61.36	8.55	1.71	1705.12	376.09
15.000	740.00	0.00	0.00	50.00	1932.00	63.61	58.62	63.63	6.26	1.73	2832.38	772.21

FLOOD

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
4.400	416.00	56.62	0.00	0.00	0.00	83.94	0.00
4.400	842.00	59.05	2.43	0.00	0.00	137.47	0.00
4.400	1100.00	60.20	1.15	0.00	0.00	162.81	0.00
4.400	1932.00	62.73	2.53	0.00	0.00	258.40	0.00
15.000	416.00	58.63	0.00	2.01	0.00	361.94	740.00
15.000	842.00	60.41	1.77	1.36	0.00	427.10	740.00
15.000	1100.00	61.34	0.93	1.14	0.00	461.25	740.00
15.000	1932.00	63.61	2.27	0.88	0.00	530.19	740.00

Shahab - 1) Please re-plot
2) Hodu has the data for no profiles
3) Hodu is submitting floodway run.

THIS RUN EXECUTED 27 JAN 82 09.54.13

RECE RELEASE DATED NOV 75 UPDATED APR 1980
ERROR CORR - 01,02,03,04
MODIFICATION - 50,51,52,53,54

OK.

GOOD TO SECTION 14.4 ONLY
See Run @ start of binder
for section 15
3/29/85

T1 MILL CRAMP
T2 UNSLOW COUNTY
T3 14 YEAR FLOOD

J1	ICHECK	10W	MIRV	IDIF	STRT	METRIC	HVINS	Q	WSEL	FG
	-0.	2.	-0.	-0.	002500	-0.	-0.	-0.	19.000	-0.
J2	NPROF	IFLOT	PREVS	XSECV	XSECH	FM	ALLDC	IBW	CHNIM	ITRACE
	-0.	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	199.199	2.1.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
J5	INLEG	10OPY								
	1.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
VC		420	4090	4100	4300	-0.	-0.	-0.	-0.	-0.
SI	5000	1307.000	0404.000	7159.000	5290.000	3169.000	-0.	-0.	-0.	-0.
ET	-0.	-0.	-0.	-0.	-0.	10.400	-0.	-0.	-0.	-0.
X1	1.1.0	15.000	1600.000	1637.000	-0.	-0.	-0.	-0.	-0.	-0.
GR	4000.000	0.	27.000	900.000	23.000	1000.000	22.000	1040.000	15.500	1100.000
SR	10.0	1000.000	15.300	1500.000	14.000	1000.000	14.300	1616.000	15.300	1626.000
OR	10.3	103.000	19.500	2030.000	22.000	2130.000	34.000	2230.000	32.000	3000.000
ET	-0.	-0.	-0.	-0.	-0.	8.400	-0.	-0.	-0.	-0.
X1	0.1	20.000	4000.000	4000.000	2000.000	2050.000	2050.000	-0.	-0.	-0.
GR	37.0	0.	4000.000	1900.000	26.000	3500.000	26.000	4000.000	22.100	4000.000
GR	21.1	4.110	16.000	4016.000	12.800	4033.000	13.700	4040.000	15.800	4050.000
GR	10.0	4054.000	20.000	4055.000	21.400	4056.000	22.600	4066.000	26.100	4066.000
GR	20.1	4000.000	20.000	4000.000	27.600	4300.000	29.000	4400.000	30.400	4500.000
GR	4.0	511.000	500.000	5200.000	-0.	-0.	-0.	-0.	-0.	-0.
NC	2.0	2.0	0.000	0.000	0.500	-0.	-0.	-0.	-0.	-0.
X1	4.02	-0.	-0.	-0.	150.000	150.000	150.000	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	25.000	25.000	-0.
S3	1.000	1.000	2.000	-0.	41.000	4.000	403.000	1.300	15.000	15.000

X1	4.330	-0.	-0.	-0.	29.000	29.000	29.000	-0.	-0.	-0.
X2	-0.	-0.	1.000	24.430	26.000	-0.	-0.	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	28.600	28.600	-0.
BT	10.000	-0.	50.000	-0.	1900.000	40.000	-0.	3500.000	26.000	-0.
BT	4000.000	26.000	-0.	4000.000	26.600	-0.	4066.000	28.600	-0.	4066.000
BT	26.000	-0.	4500.000	30.400	-0.	5100.000	40.000	-0.	5200.000	50.000
BT	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.

X1	4.400	-0.	-0.	-0.	50.000	50.000	100.000	-0.	-0.	-0.
VC	4.200	2.000	2.900	1.100	3.300	-0.	-0.	-0.	-0.	-0.

X1	5.000	19.000	404.000	450.000	650.000	750.000	900.000	-0.	-0.	-0.
GR	32.400	-0.	31.700	50.000	28.700	150.000	28.100	188.000	25.100	250.000
GR	22.100	272.000	21.800	350.000	22.000	404.000	18.900	406.000	18.500	406.000
GR	17.300	423.000	18.200	427.000	18.900	429.000	22.200	450.000	19.900	550.000
GR	20.000	550.000	19.600	756.000	29.600	820.000	34.000	850.000	-0.	-0.

Y1	6.1	32.000	3645.000	4091.000	1200.000	1500.000	1700.000	-0.	-0.	-0.
GR	5.000	-0.	50.000	1400.000	40.000	2800.000	33.000	3220.000	31.500	3400.000
GR	29.500	3600.000	26.100	3645.000	25.100	3645.000	24.900	3655.000	20.900	3662.000
GR	19.300	3667.000	19.900	3677.000	19.900	3679.000	22.100	3680.000	23.500	3692.000
GR	25.000	3692.000	23.000	4033.000	22.600	4043.000	21.600	4047.000	17.800	4059.000
GR	17.500	4068.000	17.700	4076.000	21.600	4085.000	23.000	4091.000	26.000	4091.000
GR	26.200	4100.000	27.500	4200.000	29.000	4400.000	33.000	4550.000	40.000	5400.000
GR	55.000	7.000	40.000	2000.000	-0.	-0.	-0.	-0.	-0.	-0.
VC	5.200	2.000	2.900	1.300	3.500	-0.	-0.	-0.	-0.	-0.

X1	6.200	32.000	3645.000	4091.000	300.000	300.000	550.000	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	27.500	27.500	-0.
GR	50.000	-0.	50.000	1400.000	40.000	2800.000	33.000	3220.000	31.500	3400.000
GR	29.500	3600.000	26.100	3645.000	25.100	3645.000	24.900	3655.000	20.890	3662.000
GR	19.300	3669.000	19.900	3677.000	19.900	3679.000	22.100	3680.000	23.500	3692.000
GR	25.000	3717.000	23.000	4033.000	22.600	4043.000	21.600	4047.000	17.800	4059.000
GR	17.470	4068.000	17.700	4076.000	21.600	4085.000	23.000	4091.000	23.000	4097.000
GR	24.000	4100.000	27.500	4200.000	29.000	4400.000	33.000	4550.000	40.000	5400.000
GR	55.000	7.000	40.000	2000.000	-0.	-0.	-0.	-0.	-0.	-0.
SB	1.000	1.000	3.000	-0.	467.000	371.000	576.000	-0.	21.500	21.500

X1	6.1	-0.	-0.	-0.	21.000	21.000	21.000	-0.	-0.	-0.
Y2	-0.	-0.	1.000	27.700	27.500	-0.	-0.	-0.	-0.	-0.
Y3	1.000	-0.	-0.	-0.	-0.	-0.	-0.	29.500	27.500	-0.
BT	20.000	-0.	50.000	-0.	1400.000	50.000	-0.	2800.000	40.000	-0.
BT	3220.000	33.000	-0.	34.000	31.500	-0.	3600.000	29.500	-0.	3645.000
BT	29.500	-0.	3645.000	32.100	-0.	3692.000	32.100	-0.	3692.000	29.300
BT	-0.	4043.000	20.000	-0.	4043.000	30.800	-0.	4091.000	30.800	-0.
BT	40.210	27.500	-0.	4200.000	27.500	-0.	4400.000	29.000	-0.	4550.000
BT	55.000	-0.	24.000	40.000	-0.	7000.000	55.000	-0.	8000.000	40.000

BT	-0.	-1.	-5.	-0.	-1.	-0.	-0.	-0.	-0.	-0.
NC	2.20	2.00	2.90	1.00	3.00	-0.	-0.	-0.	-0.	-0.
X1	6.40	31.100	3645.000	4091.000	300.000	400.000	400.000	-0.	-0.	-0.
GR	50.100	-0.	50.000	1400.000	40.000	2800.000	33.000	3220.000	31.500	3400.000
GR	27.000	3600.000	26.000	3645.000	25.100	3645.000	24.900	3655.000	20.090	3662.000
GR	19.300	3667.000	19.000	3677.000	19.900	3679.000	22.100	3680.000	23.500	3692.000
GR	26.000	3692.000	26.000	4043.000	22.600	4043.000	21.600	4047.000	17.800	4059.000
GR	17.000	4059.000	17.000	4076.000	21.600	4085.000	23.000	4091.000	26.000	4091.000
GR	28.000	4100.000	27.000	4200.000	29.000	4400.000	33.000	4550.000	40.000	5400.000
GR	55.000	7100.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
QT	5.000	1255.000	2390.000	3050.000	5100.000	3050.000	-0.	-0.	-0.	-0.
X1	7.000	25.000	2425.000	2450.000	3500.000	3800.000	4400.000	-0.	-0.	-0.
GR	52.000	-0.	46.200	350.000	35.000	1050.000	28.000	1950.000	27.500	2150.000
GR	38.000	2150.000	27.500	2250.000	27.500	2350.000	26.050	2425.000	24.200	2430.000
GR	22.200	2432.000	19.650	2439.000	22.550	2445.000	24.200	2445.000	25.400	2450.000
GR	26.000	2550.000	25.400	2600.000	24.400	2750.000	26.000	2850.000	28.500	2900.000
GR	34.000	2950.000	34.400	3050.000	35.300	3100.000	46.200	3450.000	52.800	4650.000
NC	-0.	-0.	0.000	0.000	0.500	-0.	-0.	-0.	-0.	-0.
X1	8.200	18.000	2200.000	2200.000	350.000	350.000	400.000	-0.	-0.	-0.
X2	10.000	-0.	-0.	-0.	-0.	-0.	-0.	33.500	33.500	-0.
GR	52.000	-0.	46.200	1500.000	46.200	1650.000	34.700	1800.000	34.500	2173.000
GR	24.100	2203.000	25.000	2215.000	22.000	2225.000	21.200	2236.000	25.100	2247.000
GR	25.100	2250.000	33.400	2300.000	34.600	2400.000	34.900	2500.000	35.700	2600.000
GR	36.000	2700.000	46.200	3300.000	52.000	4000.000	-0.	-0.	-0.	-0.
SB	1.000	1.500	2.700	-0.	25.200	1.000	422.000	10.850	21.150	21.150
X1	8.300	-0.	-0.	-1.	20.000	20.000	20.000	-0.	-0.	-0.
X2	-0.	-0.	1.000	33.350	35.500	-0.	-0.	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	34.500	35.500	-0.
BT	11.000	-0.	52.000	-0.	550.000	46.200	-0.	1650.000	46.200	-0.
BT	16.000	37.700	-0.	2203.000	34.500	-0.	2203.000	37.600	-0.	2250.000
BT	37.000	-0.	2250.000	34.600	-0.	2400.000	35.000	-0.	3300.000	46.200
BT	-0.	4000.000	57.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.
X1	8.400	-0.	-0.	-0.	300.000	300.000	400.000	-0.	-0.	-0.
NC	2.000	2.000	2.000	1.000	3.000	-0.	-0.	-0.	-0.	-0.
QT	5.000	1.000	1935.000	2480.000	4195.000	2480.000	-0.	-0.	-0.	-0.
X1	9.000	23.000	2968.000	3000.000	4200.000	4500.000	4900.000	-0.	-0.	-0.
GR	60.000	2500.000	59.400	1300.000	52.500	1900.000	46.000	2300.000	39.400	2400.000
GR	32.000	2550.000	31.300	2600.000	29.000	2800.000	29.500	2968.000	25.900	2975.000
GR	24.000	2900.000	25.000	2900.000	29.000	3000.000	30.500	3028.000	32.700	3035.000
GR	31.000	3046.000	32.000	3100.000	34.000	3200.000	36.200	3300.000	36.800	3400.000
GR	38.000	3500.000	40.200	5000.000	52.500	5500.000	-0.	-0.	-0.	-0.

XI	19,110	19,110	2948,000	3930,000	3400,000	3600,000	4100,000	-0.	-0.	-0.
GR	75,377	-0.	66,000	1000,000	44,500	2600,000	41,500	40,000	2800,000	2800,000
GR	39,200	2990,000	34,700	2948,000	34,700	2949,000	31,900	28,900	2958,000	2964,000
GR	26,300	2976,000	31,500	2984,000	31,900	2994,000	35,600	35,600	2999,000	3000,000
GR	39,400	3400,000	42,000	3650,000	46,200	3600,000	59,400	-0.	-0.	-0.
VC	2,200	2,200	1,000	3,300	500	-0.	-0.	-0.	-0.	-0.

X1	10,210	-0.	-0.	-0.	325,000	325,000	375,000	-0.	-0.	-0.
X3	10,000	-0.	-0.	-0.	-0.	-0.	-0.	38,000	-0.	-0.
SB	1,050	1,500	2,800	-0.	26,000	2,000	304,000	1,590	29,100	29,100

X1	10,300	-0.	-0.	-0.	24,600	24,600	24,600	-0.	-0.	-0.
X2	10,000	-0.	1,000	37,300	39,400	-0.	-0.	-0.	-0.	-0.
X3	10,000	-0.	-0.	-0.	-0.	-0.	-0.	39,400	-0.	-0.
BT	12,000	-0.	75,000	-0.	1000,000	66,000	-0.	2600,000	-0.	-0.
BT	28,000	40,000	-0.	2948,000	39,600	-0.	2948,000	-0.	3000,000	3000,000
BT	41,900	-0.	3000,000	39,600	-0.	3400,000	39,400	-0.	42,000	42,000
BT	-0.	3000,000	46,200	-0.	4500,000	59,400	-0.	3650,000	-0.	-0.

X1	10,400	-0.	-0.	-0.	100,000	100,000	100,000	-0.	-0.	-0.
VC	2,000	2,000	1,000	1,000	300	-0.	-0.	-0.	-0.	-0.

X1	11,000	21,000	2978,000	3000,000	325,000	375,000	400,000	-0.	-0.	-0.
X4	1,000	59,400	22,000	-0.	-0.	-0.	-0.	-0.	-0.	-0.
GR	75,377	-0.	66,000	600,000	48,500	2570,000	47,000	35,500	2700,000	2700,000
GR	34,500	2890,000	33,500	2900,000	34,900	2978,000	33,200	31,600	2982,000	2990,000
GR	33,200	2990,000	34,800	3070,000	34,300	3100,000	35,200	38,600	3146,000	3165,000
GR	39,400	3200,000	42,100	3300,000	41,600	3400,000	46,200	52,800	3900,000	4150,000
GR	59,400	4500,000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
UT	5,000	910,000	1778,000	2204,000	3874,000	2204,000	-0.	-0.	-0.	-0.

X1	12,000	21,000	968,000	1000,000	4400,000	3600,000	4400,000	-0.	-0.	-0.
GR	60,000	-0.	50,000	200,000	53,600	235,000	46,800	44,000	500,000	500,000
GR	39,400	54,000	38,900	600,000	39,200	700,000	38,400	38,700	900,000	900,000
GR	39,400	960,000	37,000	980,000	34,400	986,000	57,100	38,600	1000,000	1000,000
GR	39,400	11,000	39,400	1143,000	48,900	1200,000	51,600	53,500	1400,000	1400,000
GR	59,400	23,000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.

X1	13,000	22,000	732,000	2300,000	4600,000	4000,000	4600,000	-0.	-0.	-0.
GR	70,000	-0.	60,000	1800,000	66,000	1851,000	54,300	53,200	2100,000	2100,000
GR	53,000	2200,000	54,000	2300,000	44,800	2362,000	41,200	40,500	2372,000	2372,000
GR	41,200	2370,000	44,700	2382,000	44,700	2392,000	48,500	44,900	2410,000	2410,000
GR	43,200	2500,000	44,600	2600,000	48,700	2634,000	50,000	52,200	2800,000	2800,000
GR	60,000	5500,000	70,000	7200,000	-0.	-0.	-0.	-0.	-0.	-0.
UT	5,000	416,000	842,000	1100,000	1932,000	1100,000	-0.	-0.	-0.	-0.

THIS RUN EXECUTED 27 JAN 82 09.54.14

 HEC2 RELEASE DATED NOV 75 UPDATED APR1 1980
 ERROR CORR - 01,02,03,04
 MODIFICATION - 50,51,52,53,54

T1 MILL SWAMP
 T2 ONSLOW COUNTY
 T3 50 YEAR FLOOD

J1	ICHECK	IRG	IRVV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FR
	-0.	3.	-0.	-0.	002500	-0.	-0.	-0.	22.000	-0.
J2	NPROF	IFLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	2.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 27 JAN 82 09.54.15

 HEC2 RELEASE DATED NOV 78 UPDATED APR1 1980
 ERRORS CORR - 01,02,03,04
 MODIFICATION - 50,51,52,53,54

T1 MILL SWAMP
 T2 UNSLOW COUNTY
 T3 100 YEAR FLOOD

J1	ICHECK	INQ	NINV	IDIR	STPT	METRIC	HVINS	Q	WSEL	FG
	-0.	4.	-0.	-0.	02500	-0.	-0.	-0.	24.000	-0.
J2	NPROF	IFLOT	PREVS	XSECV	XSECH	FM	ALLDC	IBW	CHNIM	ITRACE
	3.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 27 JAN 82 09.54.16

 HEC2 RELEASE DATED NOV 76 UPDATED APR 1980
 ERROR CORR - 01,02,13,14
 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 159

SECS	XLOC	ELTD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K+S	VCH	AREA	.01K
1.001	-30	0.0	0.0	14.30	1307.00	18.46	16.56	18.48	25.04	1.85	1793.65	261.19
1.002	-30	0.0	0.0	14.30	2484.00	19.62	16.93	19.63	24.91	2.24	2834.30	497.71
1.003	-30	0.0	0.0	14.30	3169.00	20.13	17.05	20.15	24.92	2.41	3339.32	634.82
1.004	-30	0.0	0.0	14.30	5290.00	21.46	17.52	21.49	24.76	2.80	4710.79	1063.01
4.101	0859.00	0.0	0.0	12.80	1307.00	24.93	18.04	25.04	21.37	2.65	492.73	282.72
4.102	2050.00	0.0	0.0	12.80	2484.00	27.03	19.85	27.21	28.29	3.53	1314.97	467.03
4.103	1850.00	0.0	0.0	12.80	3169.00	27.68	20.73	27.85	29.23	3.75	1918.16	586.16
4.104	0851.00	0.0	0.0	12.80	5290.00	29.10	23.22	29.27	30.00	4.14	3528.31	965.78
4.201	1510.00	0.0	0.0	12.80	1307.00	25.24	18.04	25.34	18.92	2.55	512.72	300.51
4.202	1510.00	0.0	0.0	12.80	2484.00	27.46	19.82	27.58	21.03	3.13	1701.32	541.62
4.203	1510.00	0.0	0.0	12.80	3169.00	28.11	20.64	28.24	21.40	3.30	2370.17	685.00
4.204	1510.00	0.0	0.0	12.80	5290.00	29.54	23.31	29.66	22.40	3.67	4103.11	1117.61
4.301	29.00	0.0	24.43	12.80	1307.00	25.34	0.0	25.44	18.19	2.52	519.30	306.43
4.302	29.00	0.0	24.43	12.80	2484.00	27.36	0.0	27.58	31.44	3.81	652.64	443.04
4.303	29.00	0.0	24.43	12.80	3169.00	27.91	0.0	28.24	42.69	4.60	689.07	485.02
4.304	29.00	0.0	24.43	12.80	5290.00	29.54	0.0	29.66	22.40	3.67	4103.33	1117.67
4.401	100.00	0.0	0.0	12.80	1307.00	25.52	18.04	25.61	16.97	2.46	531.26	317.29
4.402	100.00	0.0	0.0	12.80	2484.00	27.73	19.87	27.83	17.32	2.90	1968.47	596.80
4.403	100.00	0.0	0.0	12.80	3169.00	28.43	20.63	28.53	17.04	3.00	2727.22	767.71
4.404	100.00	0.0	0.0	12.80	5290.00	29.73	23.32	29.83	19.93	3.50	4349.87	1184.83
5.001	0.00	0.0	0.0	17.50	1307.00	26.36	21.08	26.07	3.15	1.02	2810.04	736.81
5.002	0.00	0.0	0.0	17.50	2484.00	28.31	21.68	28.32	3.57	1.31	4152.31	1314.26
5.003	0.00	0.0	0.0	17.50	3169.00	29.06	21.97	29.08	4.20	1.50	4650.92	1545.73
5.004	0.00	0.0	0.0	17.50	5290.00	30.58	22.69	30.60	6.51	2.05	5739.46	2074.01
6.001	17.00	0.0	0.0	17.50	1307.00	26.80	21.68	26.62	6.19	0.89	1485.15	525.46
6.002	17.00	0.0	0.0	17.50	2484.00	28.91	23.24	28.93	7.03	1.00	2810.06	1237.01
6.003	17.00	0.0	0.0	17.50	3169.00	29.71	24.42	29.72	8.96	1.09	3457.67	1592.81
6.004	17.00	0.0	0.0	17.50	5290.00	31.40	25.12	31.43	4.42	1.35	5099.24	2517.49

SECD	YLCH	ELTRD	ELLC	ELMIN	Q	CMSEL	CRWS	EG	10K+S	VCH	AREA	.01K
6.200	550.00	0.	0.	17.47	1307.00	27.10	21.69	27.11	4.60	.82	1591.04	609.18
6.201	550.00	0.	0.	17.47	2484.00	29.11	23.23	29.12	3.24	.93	3147.95	1378.96
6.202	550.00	0.	0.	17.47	3169.00	29.90	24.40	29.92	3.26	1.02	3805.75	1755.88
6.203	550.00	0.	0.	17.47	5290.00	31.62	25.08	31.64	3.74	1.28	5504.73	2734.95
6.300	21.00	27.50	27.70	17.47	1307.00	27.17	0.	27.18	4.31	.81	1622.24	629.22
6.301	21.00	27.50	27.70	17.47	2484.00	29.22	0.	29.23	3.06	.92	3146.55	1418.93
6.302	21.00	27.50	27.70	17.47	3169.00	29.99	0.	30.00	3.08	1.00	3889.88	1804.40
6.303	21.00	27.50	27.70	17.47	5290.00	31.71	0.	31.73	3.58	1.26	5607.99	2794.88
6.400	400.00	0.	0.	17.50	1307.00	27.51	21.68	27.53	13.12	1.11	1220.58	360.90
6.401	400.00	0.	0.	17.50	2484.00	29.41	23.18	29.43	6.70	1.14	2697.26	959.89
6.402	400.00	0.	0.	17.50	3169.00	30.17	23.75	30.19	5.07	1.21	3419.15	1286.00
6.403	400.00	0.	0.	17.50	5290.00	31.89	25.36	31.91	5.75	1.42	5240.25	2206.34
7.000	4400.00	0.	0.	19.65	1255.00	29.89	26.25	29.90	3.70	1.06	3490.56	652.05
7.001	4400.00	0.	0.	19.65	2390.00	31.43	26.83	31.44	3.93	1.25	5548.89	1205.45
7.002	4400.00	0.	0.	19.65	3050.00	32.13	27.04	32.13	4.00	1.33	6617.98	1525.83
7.003	4400.00	0.	0.	19.65	5100.00	33.85	27.73	33.86	4.19	1.52	9550.63	2491.61
8.200	400.00	0.	0.	21.20	1255.00	30.65	26.44	30.88	42.03	3.83	327.56	193.59
8.201	400.00	0.	0.	21.20	2390.00	32.54	27.95	33.05	68.17	5.73	416.97	289.46
8.202	400.00	0.	0.	21.20	3050.00	33.40	28.70	34.09	81.60	6.67	457.32	337.64
8.203	400.00	0.	0.	21.20	5100.00	35.10	30.82	35.76	80.58	7.37	1328.07	568.15
8.300	20.00	33.65	33.35	21.20	1255.00	30.66	0.	30.88	41.68	3.82	328.36	194.79
8.301	20.00	33.65	33.35	21.20	2390.00	32.57	0.	33.08	67.46	5.71	418.29	290.99
8.302	20.00	33.65	33.35	21.20	3050.00	34.06	0.	34.67	65.66	6.25	488.13	376.39
8.303	20.00	33.65	33.35	21.20	5100.00	36.17	0.	36.53	44.32	5.81	2202.32	766.11
8.400	400.00	0.	0.	21.20	1255.00	31.83	26.47	31.94	18.83	2.85	605.24	289.22
8.401	400.00	0.	0.	21.20	2390.00	34.37	27.91	34.56	24.20	3.87	950.24	485.79
8.402	400.00	0.	0.	21.20	3050.00	35.81	28.67	35.97	19.65	3.79	1881.37	688.00
8.403	400.00	0.	0.	21.20	5100.00	37.47	30.50	37.64	21.54	4.32	3392.55	1098.76
9.000	4900.00	0.	0.	24.60	1000.00	34.27	30.09	34.27	2.91	1.02	2519.35	586.44
9.001	4900.00	0.	0.	24.60	1935.00	36.68	30.69	36.68	2.52	1.15	4364.52	1217.89
9.002	4900.00	0.	0.	24.60	2480.00	37.86	30.98	37.86	2.30	1.19	5500.63	1634.22
9.003	4900.00	0.	0.	24.60	4195.00	39.86	31.55	39.87	2.77	1.46	7628.07	2518.94
10.100	4100.00	0.	0.	38.90	1000.00	38.14	33.22	38.21	17.70	2.40	754.58	237.68
10.101	4100.00	0.	0.	38.90	1935.00	40.11	34.77	40.18	16.11	2.72	1723.79	482.10
10.102	4100.00	0.	0.	38.90	2480.00	40.94	35.40	41.01	14.59	2.75	2349.43	649.32
10.103	4100.00	0.	0.	38.90	4195.00	42.75	37.84	42.81	13.20	2.93	4038.40	1154.51
10.200	375.00	0.	0.	38.90	1000.00	38.69	33.22	38.74	11.95	2.00	968.25	289.28
10.201	375.00	0.	0.	38.90	1935.00	40.61	34.75	40.66	11.24	2.35	2082.34	577.06
10.202	375.00	0.	0.	38.90	2480.00	41.44	35.43	41.45	10.76	2.43	2735.80	756.10
10.203	375.00	0.	0.	38.90	4195.00	43.17	37.12	43.22	10.40	2.66	4468.42	1301.10

SECHD	XLCH	ELTRD	ELLC	ELMIN	Q	CLSEL	CRWS	EG	174S	VCH	AREA	.01K
10.300	24.60	39.40	37.30	28.90	1000.00	38.85	0.	38.95	17.67	2.56	389.94	237.92
10.300	24.60	39.40	37.30	28.90	1935.00	40.66	0.	40.71	10.81	2.32	2125.23	568.57
10.300	24.60	39.40	37.30	28.90	2480.00	41.44	0.	41.49	10.47	2.41	2772.98	766.52
10.300	24.60	39.40	37.30	28.90	4195.00	43.22	0.	43.27	10.11	2.63	4521.55	1319.65
10.400	100.00	0.	0.	28.90	1000.00	39.05	33.22	39.09	9.30	1.89	1126.47	327.87
10.400	100.00	0.	0.	28.90	1935.00	40.77	34.75	40.82	10.01	2.25	2210.62	611.60
10.400	100.00	0.	0.	28.90	2480.00	41.55	35.41	41.59	9.77	2.34	2868.58	793.51
10.400	100.00	0.	0.	28.90	4195.00	43.32	37.85	43.37	9.55	2.58	4629.62	1357.66
11.000	400.00	0.	0.	31.6	1000.00	39.28	35.23	39.29	3.68	1.05	2299.59	521.20
11.000	400.00	0.	0.	31.6	1935.00	41.05	35.67	41.06	4.72	1.40	3320.57	890.51
11.000	400.00	0.	0.	31.6	2080.00	41.84	35.87	41.85	5.20	1.56	3825.39	1087.29
11.000	400.00	0.	0.	31.60	4195.00	43.63	36.38	43.65	6.44	1.97	5410.72	1652.58
12.000	440.00	0.	0.	34.40	918.00	41.73	39.41	41.74	7.99	1.27	1859.26	324.67
12.000	440.00	0.	0.	34.40	1778.00	43.47	39.78	43.48	6.84	1.45	2987.36	679.96
12.000	440.00	0.	0.	34.40	2284.00	44.30	39.90	44.31	6.59	1.54	3546.55	889.62
12.000	440.00	0.	0.	34.40	3874.00	46.35	40.37	46.36	6.58	1.82	5028.67	1510.65
13.000	460.00	0.	0.	40.50	918.00	47.65	45.30	47.67	17.76	2.10	1122.99	217.80
13.000	460.00	0.	0.	40.50	1778.00	49.29	45.79	49.33	18.55	2.52	1757.02	412.79
13.000	460.00	0.	0.	40.50	2284.00	50.08	46.05	50.11	18.59	2.69	2109.63	529.68
13.000	460.00	0.	0.	40.50	3874.00	52.06	46.70	52.10	18.35	3.07	3157.42	904.29
14.000	490.00	0.	0.	49.00	416.00	55.75	51.49	55.81	15.79	1.98	284.75	104.68
14.000	490.00	0.	0.	49.00	842.00	57.82	52.69	57.91	16.90	2.53	586.39	204.81
14.000	490.00	0.	0.	49.00	1100.00	58.72	53.28	58.81	17.36	2.76	761.20	263.98
14.000	490.00	0.	0.	49.00	1932.00	60.87	54.98	60.98	18.38	3.30	1286.43	450.71
14.200	60.00	0.	0.	49.00	416.00	55.94	52.61	56.14	70.50	3.82	160.32	49.54
14.200	60.00	0.	0.	49.00	842.00	57.10	54.67	58.25	70.03	4.66	349.35	100.62
14.200	60.00	0.	0.	49.00	1100.00	58.93	55.64	59.16	69.22	4.97	460.67	132.21
14.200	60.00	0.	0.	49.00	1932.00	61.04	57.46	61.32	67.32	5.67	798.17	235.46
14.3	00.00	01.3	59.3	49.00	416.00	56.10	52.61	56.37	80.86	4.17	99.70	46.26
14.3	00.00	01.3	59.3	49.00	842.00	58.07	54.37	58.70	129.35	6.37	132.20	74.03
14.3	00.00	01.3	59.3	49.00	1100.00	58.89	55.20	59.77	159.95	7.55	145.61	86.98
14.3	00.00	01.3	59.3	49.00	1932.00	62.53	0.	62.67	31.95	4.25	1110.23	341.82
14.4	00.00	0.	0.	49.00	416.00	56.62	52.62	56.75	43.14	3.22	212.15	63.34
14.4	00.00	0.	0.	49.00	842.00	59.45	54.67	59.19	37.00	3.08	482.01	138.42
14.4	00.00	0.	0.	49.00	1100.00	60.21	55.64	60.33	33.59	3.80	653.16	189.80
14.4	00.00	0.	0.	49.00	1932.00	62.73	57.46	62.85	28.86	4.08	1160.09	359.62
15.000	00.00	0.	0.	50.00	416.00	58.39	55.63	58.43	25.94	2.19	502.74	81.68
15.000	00.00	0.	0.	50.00	842.00	60.19	57.63	60.21	12.93	1.90	1198.57	234.13
15.000	00.00	0.	0.	50.00	1100.00	61.13	58.04	61.15	9.98	1.82	1610.84	348.13
15.000	00.00	0.	0.	50.00	1932.00	63.44	56.62	63.46	6.88	1.79	2740.93	736.50

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AR FLOOD

SUMMARY PRINTOUT TABLE 151



SECHO	Q	CVSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
1.1.1	1337.00	18.46	0.	0.	-0.54	827.96	-0.
1.1.2	2484.00	19.62	1.15	0.	-2.38	972.59	-0.
1.1.3	3169.00	20.13	0.51	0.	-3.87	997.82	-0.
1.1.4	5290.00	21.48	1.33	0.	-5.54	1063.34	-0.
4.1.1	1337.00	24.93	0.	6.46	0.	66.70	2850.00
4.1.2	2484.00	27.03	2.11	7.42	0.	860.59	2850.00
4.1.3	3169.00	27.68	0.64	7.55	0.	997.35	2850.00
4.1.4	5290.00	29.11	1.42	7.64	0.	1262.05	2850.00
4.2.1	1337.00	25.24	0.	0.31	0.	66.00	150.00
4.2.2	2484.00	27.44	2.22	0.42	0.	951.94	150.00
4.2.3	3169.00	28.11	0.65	0.44	0.	1078.24	150.00
4.2.4	5290.00	29.54	1.43	0.44	0.	1343.97	150.00
4.3.1	1337.00	25.34	0.	0.10	0.	66.00	29.00
4.3.2	2484.00	27.35	2.02	-0.10	0.	66.00	29.00
4.3.3	3169.00	27.91	0.55	-0.20	0.	66.00	29.00
4.3.4	5290.00	29.54	1.63	0.00	0.	1344.00	29.00
4.4.1	1337.00	25.52	0.	0.18	0.	66.00	100.00
4.4.2	2484.00	27.73	2.21	0.37	0.	1006.68	100.00
4.4.3	3169.00	28.43	0.71	0.53	0.	1138.08	100.00
4.4.4	5290.00	29.73	1.29	0.18	0.	1377.65	100.00
5.1.1	1337.00	26.06	0.	0.54	0.	565.06	900.00
5.1.2	2484.00	28.31	2.25	0.58	0.	636.27	900.00
5.1.3	3169.00	29.06	0.76	0.63	0.	678.43	900.00
5.1.4	5290.00	30.58	1.51	0.85	0.	762.43	900.00
6.1.1	1337.00	26.81	0.	0.74	0.	510.87	1700.00
6.1.2	2484.00	28.91	2.11	0.60	0.	779.91	1700.00
6.1.3	3169.00	29.71	0.80	0.64	0.	846.31	1700.00
6.1.4	5290.00	31.41	1.70	0.83	0.	1080.67	1700.00
6.2.1	1337.00	27.10	0.	0.29	0.	446.70	550.00
6.2.2	2484.00	29.11	2.01	0.20	0.	800.53	550.00
6.2.3	3169.00	29.89	0.79	0.19	0.	873.87	550.00
6.2.4	5290.00	31.60	1.72	0.22	0.	1111.71	550.00
6.3.1	1337.00	27.17	0.	0.77	0.	446.00	21.00
6.3.2	2484.00	29.27	2.15	0.11	0.	763.48	21.00
6.3.3	3169.00	29.90	0.77	0.09	0.	887.71	21.00
6.3.4	5290.00	31.71	1.72	0.19	0.	1126.25	21.00

SECNO	Q	CASEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
6.400	1317.00	27.51	0.	.34	0.	521.59	400.00
6.400	2484.00	29.41	1.99	.15	0.	922.47	400.00
6.400	3169.00	30.17	.76	.18	0.	984.51	400.00
6.400	5290.00	31.89	1.72	.18	0.	1154.80	400.00
7.000	1255.00	29.89	0.	2.39	0.	1229.53	4400.00
7.000	2390.00	31.43	1.54	2.02	0.	1463.94	4400.00
7.000	3050.00	32.13	.69	1.96	0.	1572.54	4400.00
7.000	5100.00	33.95	1.72	1.96	0.	1837.76	4400.00
8.200	1255.00	30.65	0.	.75	0.	47.00	400.00
8.200	2390.00	32.54	1.99	1.11	0.	47.00	400.00
8.200	3050.00	33.47	.86	1.27	0.	47.00	400.00
8.200	5100.00	35.10	1.69	1.25	0.	728.35	400.00
8.300	1255.00	30.66	0.	.01	0.	47.00	20.00
8.300	2390.00	32.57	1.91	.03	0.	47.00	20.00
8.300	3050.00	34.06	1.49	.66	0.	47.00	20.00
8.300	5100.00	35.17	2.11	1.08	0.	862.84	20.00
8.400	1255.00	31.83	0.	1.17	0.	109.79	400.00
8.400	2390.00	34.37	2.54	1.80	0.	207.80	400.00
8.400	3050.00	35.81	1.43	1.75	0.	823.27	400.00
8.400	5100.00	37.47	1.66	1.30	0.	978.57	400.00
9.000	1000.00	34.27	0.	2.44	0.	656.91	4900.00
9.000	1935.00	36.68	2.41	2.30	0.	918.59	4900.00
9.000	2480.00	37.86	1.15	2.05	0.	1092.65	4900.00
9.000	4195.00	39.80	2.00	2.39	0.	1172.66	4900.00
10.100	1000.00	30.14	0.	3.87	0.	355.66	4100.00
10.100	1935.00	40.11	1.97	3.43	0.	674.85	4100.00
10.100	2480.00	40.94	.84	3.09	0.	811.89	4100.00
10.100	4195.00	42.75	1.81	2.89	0.	1018.69	4100.00
10.200	1000.00	30.89	0.	.55	0.	419.57	375.00
10.200	1935.00	40.61	1.92	.50	0.	756.43	375.00
10.200	2480.00	41.47	.67	.46	0.	885.99	375.00
10.200	4195.00	43.17	1.77	.42	0.	1047.44	375.00
10.300	1000.00	30.65	0.	.16	0.	52.00	24.60
10.300	1935.00	40.60	1.81	.06	0.	765.61	24.60
10.300	2480.00	41.44	.70	.04	0.	892.80	24.60
10.300	4195.00	43.20	1.78	.05	0.	1050.93	24.60
10.400	1000.00	30.15	0.	.20	0.	461.22	100.00
10.400	1935.00	40.77	1.72	.11	0.	783.50	100.00
10.400	2480.00	41.50	.70	.11	0.	948.41	100.00
10.400	4195.00	43.30	1.77	.10	0.	1058.01	100.00

SECNO	D	CANSEL	DIFWSP	DIFWSX	DIFKLS	TOPWID	XLCH
11.001	1949.00	39.20	0.	0.24	0.	542.17	400.00
11.002	1955.00	41.05	1.77	0.28	0.	614.38	400.00
11.003	2480.00	41.84	0.79	0.29	0.	719.69	400.00
11.004	4195.00	43.63	1.81	0.31	0.	991.87	400.00
12.001	918.00	41.73	0.	2.45	0.	637.31	4400.00
12.002	1778.00	43.47	1.74	2.42	0.	662.82	4400.00
12.003	2254.00	44.30	0.83	2.47	0.	683.29	4400.00
12.004	3874.00	46.35	2.05	2.71	0.	768.47	4400.00
13.001	918.00	47.65	0.	5.91	0.	361.67	4600.00
13.002	1778.00	49.04	1.65	5.82	0.	423.11	4600.00
13.003	2254.00	50.88	0.79	5.78	0.	471.27	4600.00
13.004	3874.00	52.96	1.98	5.72	0.	583.70	4600.00
14.011	416.00	55.75	0.	8.11	0.	111.45	4950.00
14.012	842.00	57.82	2.07	8.53	0.	179.71	4950.00
14.013	1118.00	58.71	0.91	8.64	0.	209.31	4950.00
14.014	1932.00	60.87	2.14	8.80	0.	280.93	4950.00
14.201	416.00	55.94	0.	0.19	0.	68.93	60.00
14.202	842.00	58.11	2.06	0.18	0.	114.36	60.00
14.203	1118.00	58.09	0.91	0.17	0.	134.10	60.00
14.204	1932.00	61.04	2.14	0.17	0.	181.25	60.00
14.301	416.00	56.1	0.	0.17	0.	16.50	26.30
14.302	842.00	58.17	1.97	0.17	0.	16.50	26.30
14.303	1118.00	58.09	0.91	0.17	0.	16.50	26.30
14.304	1932.00	62.53	3.04	1.49	0.	244.47	26.30
14.401	416.00	56.67	0.	0.51	0.	83.87	60.00
14.402	842.00	59.05	2.04	0.98	0.	137.56	60.00
14.403	1118.00	58.2	1.14	1.31	0.	162.68	60.00
14.404	1932.00	62.77	2.53	0.28	0.	258.26	60.00
15.001	416.00	56.39	0.	1.77	0.	352.95	500.00
15.002	842.00	58.12	1.80	1.13	0.	419.05	500.00
15.003	1118.00	61.17	0.95	0.94	0.	453.69	500.00
15.004	1932.00	63.44	2.61	0.71	1.	524.55	500.00

THIS RUN EXECUTED 27 JAN 82 09.54.15

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

T1 FILL SWAMP
 T2 GNSLOW COUNTY
 T3 50 YEAR FLOOD

J1	ICHECK	TWR	RINV	IDIR	STRT	METRIC	HVINS	G	WSEL	FO
	-0.	5.	-1.	-1.	002500	-0.	-0.	-0.	27.000	-0.
J2	MPROF	IPLOT	PRFVS	XSECV	YSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

0-15
Hoda

THIS RUN EXECUTED 27 JAN 82 11.46.03

Good up to section 14.4 only!
See next run

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

T1 MILL SWAMP
T2 GNSLOW COUNTY
T3 BASE FLOOD

J1	ICHECK	ING	MINV	IOIF	SIRT	METRIC	HVINS	Q	WSEL	FO
						-7.	-0.	-0.	20.130	-0.
J2	WPROP	PLAT	PREVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
			-10.00		-0.	-0.	-1.000	-0.	-0.	-0.
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
						-0.	-0.	-0.	-0.	-0.
J5	LRNT	AGNSLC	*****REQUESTED SECTION NUMBERS*****							
						-0.	-0.	-0.	-0.	-0.
J6	INLEG	ICOPY				-0.	-0.	-0.	-0.	-0.
						-0.	-0.	-0.	-0.	-0.
NC						300	-0.	-0.	-0.	-0.
JT		1397.00	2484.00	3109.000	5290.000	3169.000	-0.	-0.	-0.	-0.
ET						10.400	-0.	-0.	-0.	-0.
X1	1.0	15.0	1000.000	1630.000		-0.	-0.	-0.	-0.	-0.
GR	4.0		27.000	900.000	23.000	1000.000	22.000	1040.000	15.500	1100.000
GR	16.0	15.0	15.000	1600.000	14.900	1606.000	14.300	1616.000	15.300	1626.000
GR	16.0	163.000	19.000	203.0000	22.000	2130.000	34.000	2230.000	32.000	3000.000
ET						-0.	8.400	-0.	-0.	-0.
X1	4.0	22.000	40.000	4.0000	25.00000	2850.000	2850.000	-0.	-0.	-0.
GR	0.0		4.0000	19.0000	26.000	3500.000	26.000	4000.000	22.100	4000.000
GR	21.0	4.11.000	16.000	4010.000	12.000	4033.000	13.700	4040.000	15.800	4050.000
GR	18.0	4.54.000	18.000	4050.000	21.400	4056.000	22.600	4066.000	26.100	4066.000
GR	26.0	41.000	36.000	42.0000	27.000	4300.000	29.000	4400.000	30.400	4500.000
GR	4.0	51.000	50.000	12.0000	-0.	-0.	-0.	-0.	-0.	-0.
NC	0.0	0.0	0.0	0.0	0.0	0.0	-0.	-0.	-0.	-0.

X1	4.200	-0.	-0.	-0.	150.000	150.000	150.000	-0.	-0.	-0.
X3	1.000	-0.	-0.	-0.	-0.	-0.	-0.	25.000	25.000	-0.
S3	1.000	1.000	2.000	-0.	41.800	4.500	463.000	1.300	15.000	15.000

X1	4.300	-0.	-0.	-0.	29.000	29.000	29.000	-0.	-0.	-0.
X2	-0.	-0.	1.000	24.430	26.000	-0.	-0.	-0.	-0.	-0.
X3	1.000	-0.	-0.	-0.	-0.	-0.	-0.	28.600	28.600	-0.
BT	1.000	-0.	50.000	-0.	1900.000	40.000	-0.	3500.000	26.000	-0.
BT	4.000	26.000	-0.	4000.000	28.600	-0.	4066.000	28.600	-0.	4066.000
BT	26.000	-0.	45.000	30.400	-0.	5100.000	40.000	-0.	6200.000	50.000
BT	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.

X1	4.400	-0.	-0.	-0.	50.000	50.000	100.000	-0.	-0.	-0.
NC	2.000	2.000	2.000	1.000	300	-0.	-0.	-0.	-0.	-0.

X1	5.000	19.000	4.000	450.000	650.000	750.000	900.000	-0.	-0.	-0.
GR	33.400	-0.	31.700	50.000	28.700	150.000	28.100	188.000	25.100	250.000
GR	22.100	272.000	21.800	350.000	22.800	404.000	18.900	406.000	18.500	406.000
GR	17.000	423.000	18.200	427.000	18.900	429.000	22.200	45.000	19.900	550.000
GR	0.	650.000	19.600	750.000	29.600	820.000	30.000	850.000	-0.	-0.

X1	6.000	32.000	3645.000	4091.000	1200.000	1500.000	1700.000	-0.	-0.	-0.
GR	5.000	-0.	30.000	1400.000	40.000	2800.000	33.000	3220.000	31.500	3400.000
GR	29.500	3600.000	26.100	3645.000	25.100	3645.000	24.900	3655.000	20.900	3662.000
GR	19.000	3670.000	19.900	3677.000	19.900	3679.000	22.100	3680.000	23.500	3692.000
GR	25.000	3692.000	23.500	4033.000	22.600	4043.000	21.600	4047.000	17.800	4059.000
GR	17.000	4068.000	17.700	4076.000	21.600	4085.000	23.000	4091.000	26.000	4091.000
GR	26.000	4100.000	27.500	4200.000	29.000	4400.000	33.000	4550.000	40.000	5400.000
GR	55.000	7000.000	40.000	8000.000	-0.	-0.	-0.	-0.	-0.	-0.
NC	2.000	2.000	2.000	2.000	2.000	-0.	-0.	-0.	-0.	-0.

X1	6.000	32.000	3645.000	4091.000	300.000	300.000	550.000	-0.	-0.	-0.
X3	1.000	-0.	-0.	-0.	-0.	-0.	-0.	27.500	27.500	-0.
GR	5.000	-0.	30.000	1400.000	40.000	2800.000	33.000	3220.000	31.500	3400.000
GR	29.500	3600.000	26.100	3670.000	25.100	3645.000	24.900	3655.000	20.890	3662.000
GR	19.000	3680.000	19.900	3677.000	19.900	3679.000	22.100	3680.000	23.500	3692.000
GR	25.000	3700.000	23.500	4033.000	22.600	4043.000	21.600	4047.000	17.800	4059.000
GR	17.000	4068.000	17.700	4076.000	21.600	4085.000	23.000	4091.000	23.000	4097.000
GR	26.000	4100.000	27.500	4200.000	29.000	4400.000	33.000	4550.000	40.000	5400.000
GR	55.000	7000.000	40.000	8000.000	-0.	-0.	-0.	-0.	-0.	-0.
S3	1.000	1.000	2.000	-0.	467.000	371.000	576.000	-0.	21.500	21.500

X1	6.300	-0.	-0.	-0.	21.000	21.000	21.000	-0.	-0.	-0.
X2	-0.	-0.	1.000	27.700	27.500	-0.	-0.	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	29.500	27.500	-0.
BT	20.000	-0.	50.000	-0.	1400.000	50.000	-0.	2800.000	40.000	-0.
BT	3220	33.000	-0.	3400.000	31.500	-0.	3600.000	29.500	-0.	3645.000
BT	29.000	-0.	3645.000	32.100	-0.	3692.000	32.100	-0.	3692.000	29.300
BT	-0.	4043.000	28.100	-0.	4043.000	30.800	-0.	4091.000	30.800	-0.
BT	4101.000	27.000	-0.	4200.000	27.500	-0.	4400.000	29.000	-0.	4550.000
BT	33.000	-0.	5400.000	40.000	-0.	7000.000	55.000	-0.	8000.000	40.000
BT	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
NC	2.000	2.000	490	1.000	300	-0.	-0.	-0.	-0.	-0.

Z	6.400	31.000	3645.000	4091.000	300.000	400.000	400.000	-0.	-0.	-0.
GR	50.000	-0.	50.000	1400.000	40.000	2800.000	33.000	3220.000	31.500	3400.000
GR	27.000	3600.000	26.000	3645.000	25.100	3645.000	24.900	3655.000	20.890	3662.000
GR	19.300	3667.000	19.900	3677.000	19.900	3679.000	22.100	3680.000	23.500	3692.000
GR	26.000	3692.000	26.000	4043.000	22.600	4043.000	21.600	4047.000	17.800	4059.000
GR	17.500	4068.000	17.700	4076.000	21.600	4085.000	23.000	4091.000	26.000	4091.000
GR	28.000	4100.000	27.500	4200.000	29.000	4400.000	33.000	4550.000	40.000	5400.000
GR	55.000	7000.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
QT	50.000	1255.000	2390.000	3150.000	5100.000	3050.000	-0.	-0.	-0.	-0.

X1	7.000	25.000	2425.000	2450.000	3500.000	3800.000	4400.000	-0.	-0.	-0.
GR	52.000	-0.	46.200	350.000	35.000	1050.000	28.000	1950.000	27.500	2150.000
GR	28.000	2150.000	27.500	2250.000	27.500	2350.000	26.050	2425.000	24.200	2430.000
GR	22.250	2432.000	19.650	2439.000	22.550	2445.000	24.200	2445.000	25.400	2450.000
GR	26.000	2550.000	25.400	2650.000	24.400	2750.000	26.000	2850.000	28.500	2900.000
GR	30.500	2950.000	34.400	3050.000	35.300	3100.000	46.200	3450.000	52.800	4650.000
NC	-0.	-0.	390	300	500	-0.	-0.	-0.	-0.	-0.

X1	8.200	19.000	2213.000	2250.000	350.000	350.000	400.000	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	33.500	33.500	-0.
GR	52.000	-0.	40.200	1300.000	46.200	1650.000	34.700	1800.000	34.500	2173.000
GR	24.150	2203.000	25.000	2215.000	22.600	2225.000	21.200	2236.000	25.100	2247.000
GR	25.100	2250.000	33.400	2300.000	34.600	2400.000	34.900	2500.000	35.700	2600.000
GR	36.800	2700.000	46.200	3300.000	52.800	4600.000	-0.	-0.	-0.	-0.
SB	10.500	10.500	2.700	-0.	25.200	1.000	422.000	650	21.150	21.150

X1	8.500	-0.	-0.	-0.	20.000	20.000	20.000	-0.	-0.	-0.
X2	-0.	-0.	1.000	33.350	35.500	-0.	-0.	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	34.500	35.500	-0.
BT	11.000	-0.	52.800	-0.	550.000	46.200	-0.	1650.000	46.200	-0.
BT	1800.000	17.700	-0.	2203.000	34.500	-0.	203.000	37.600	-0.	2250.000
BT	17.600	-0.	2250.000	34.600	-0.	2400.000	35.000	-0.	3300.000	46.200
BT	-0.	46.00.000	57.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.

X1	8.400	-0.	-0.	-0.	300.000	300.000	400.000	-0.	-0.	-0.
VC	.200	.200	.190	.100	.300	-0.	-0.	-0.	-0.	-0.
QT	5.000	1300.000	1935.000	2480.000	4195.000	2480.000	-0.	-0.	-0.	-0.
X1	9.000	23.000	2968.000	3000.000	4200.000	4500.000	4900.000	-0.	-0.	-0.
GR	66.000	200.000	59.400	1300.000	52.500	1900.000	46.600	2300.000	39.400	2400.000
GR	32.800	2550.000	30.300	2600.000	29.000	2800.000	29.500	2968.000	25.900	2975.000
GR	24.600	2900.000	25.900	2985.000	29.800	3000.000	30.500	3028.000	32.700	3035.000
GR	31.500	3046.000	32.800	3100.000	34.800	3200.000	36.200	3300.000	36.860	3400.000
GR	39.600	35.10.000	46.200	5200.000	52.600	5500.000	-0.	-0.	-0.	-0.
X1	10.000	19.000	2948.000	3000.000	3400.000	3600.000	4100.000	-0.	-0.	-0.
GR	75.000	-0.	66.000	1000.000	44.500	2600.000	41.500	2700.000	40.000	2800.000
GR	39.200	2000.000	34.700	2948.000	34.700	2949.000	31.900	2958.000	28.900	2964.000
GR	28.900	2976.000	31.900	2984.000	31.900	2994.000	35.600	2999.000	35.600	3000.000
GR	39.400	34.10.000	42.000	3650.000	46.200	3800.000	59.400	4500.000	-0.	-0.
NC	.200	.200	.190	.300	.500	-0.	-0.	-0.	-0.	-0.
X1	10.000	-0.	-0.	-0.	325.000	325.000	375.000	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	38.000	38.000	-0.
SB	1.000	1.000	2.000	-0.	26.000	2.000	304.000	1.590	29.100	29.100
X1	10.000	-0.	-0.	-0.	24.600	24.600	24.600	-0.	-0.	-0.
X2	-0.	-0.	1.000	37.300	39.400	-0.	-0.	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	39.600	39.400	-0.
BT	12.000	-0.	75.000	-0.	1000.000	66.000	-0.	2600.000	44.500	-0.
BT	28.000	40.000	-0.	2948.000	39.600	-0.	2948.000	41.900	-0.	3000.000
BT	41.000	-0.	30.000	39.000	-0.	3400.000	39.400	-0.	3650.000	42.000
BT	-0.	38.000	46.200	-0.	4500.000	59.400	-0.	-0.	-0.	-0.
X1	10.000	-0.	-0.	-0.	100.000	100.000	100.000	-0.	-0.	-0.
VC	.200	.200	.190	.300	.300	-0.	-0.	-0.	-0.	-0.
X1	12.000	21.000	2975.000	3000.000	325.000	375.000	400.000	-0.	-0.	-0.
X4	10.000	59.400	2200.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.
GR	75.000	-0.	66.000	600.000	48.500	2570.000	47.000	2600.000	35.500	2700.000
GR	34.000	28.00.000	33.500	29.00.000	34.900	2972.000	33.200	2982.000	31.600	2990.000
GR	33.000	2906.000	34.000	30.00.000	34.300	3100.000	35.200	3146.000	38.600	3165.000
GR	39.000	32.00.000	42.000	33.00.000	41.600	3400.000	46.200	3900.000	52.800	4150.000
GR	59.400	45.00.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
QT	5.000	910.000	1778.000	2284.000	3874.000	2284.000	-0.	-0.	-0.	-0.

THIS RUN EXECUTED 27 JAN 82 11.46.04

 HCC2 RELEASE DATED NOV 75 UPDATED APR1 1980
 ERROR CORR - 01,02,03,04
 MODIFICATION - 50,51,52,53,54

T1 MILL SWAMP
 T2 ONSLOW COUNTY
 T3 FLOODWAY

J1	ICHECK	ICG	WINV	ICIA	STRT	METRIC	HVINS	Q	WSEL	FQ
	-0.	0.	-0.	-0.	-0.	-0.	-0.	-0.	21.130	-0.
J2	NPROP	I-LOT	FRFS	XSECV	YSECH	FN	ALLOC	IRW	CHNIM	ITRACE
	10.7	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.

IHLG = 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 27 JAN 82 11.46.04

 HEC2 RELEASE DATED NOV 75 UPDATED APR 1980
 ERRORS CORR - 1,92,13,4
 MODIFICATION - 53,51,52,53,54

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

FLOOD

SUMMARY PRINTOUT TABLE 11

SECCN	CMSFL	DIFKVS	FG	TOPWID	WLOB	QCH	GROB	PERENC	STEVCL	STCHL	STCHR	STENCR
1.0	21.15	0.	20.15	997.94	2236.20	367.32	565.48	0.	0.	1600.00	1530.00	0.
1.0	21.16	1.0	21.16	493.44	2391.67	495.30	281.82	.33	1199.54	1600.00	1630.00	1692.98
4.1	27.18	0.	27.18	997.11	532.55	2526.42	109.64	0.	0.	4000.00	4066.00	0.
4.1	28.11	.97	28.11	234.26	328.17	2840.83	0.	.25	3931.74	4000.00	4066.00	4066.00
4.2	28.11	0.	28.24	1079.66	689.00	2317.64	162.36	0.	0.	4000.00	4066.00	0.
4.2	29.15	.94	29.20	339.13	592.68	2576.32	0.	.24	3725.87	4000.00	4066.00	4066.00
4.3	27.91	0.	28.24	66.00	0.	3169.00	0.	0.	0.	4000.00	4066.00	0.
4.3	28.95	.94	29.13	66.00	0.	3169.00	0.	.35	4000.00	4000.00	4066.00	4066.00
4.4	28.43	0.	29.53	1137.93	794.57	2173.25	201.19	0.	0.	4000.00	4066.00	0.
4.4	29.29	.84	29.39	412.73	749.90	2419.10	0.	.24	3663.27	4000.00	4066.00	4066.00
5.0	29.16	0.	29.18	678.41	633.78	683.97	1851.25	0.	0.	404.00	450.00	0.
5.0	29.92	.80	29.94	449.02	514.43	776.58	1877.99	.15	292.93	404.00	450.00	741.95
6.1	29.71	0.	29.70	646.25	19.42	2998.93	151.55	0.	0.	3645.00	4091.00	0.
6.1	31.48	.70	30.25	446.00	0.	3169.00	0.	.08	3645.00	3645.00	4091.00	4091.00
6.2	29.15	0.	29.10	873.82	37.00	2891.84	240.14	0.	0.	3645.00	4091.00	0.
6.2	31.14	.74	30.60	446.00	0.	3169.00	0.	.11	3645.00	3645.00	4091.00	4091.00
6.3	29.99	0.	29.10	886.96	38.16	2884.75	246.09	0.	0.	3645.00	4091.00	0.
6.3	31.73	.74	31.70	446.00	0.	3169.00	0.	.11	3645.00	3645.00	4091.00	4091.00
6.4	31.17	0.	31.10	984.48	127.25	2839.43	202.32	0.	0.	3645.00	4091.00	0.
6.4	31.15	.70	31.10	446.00	0.	3169.00	0.	.13	3645.00	3645.00	4091.00	4091.00
7.0	32.10	0.	32.10	1072.82	1158.71	310.12	1581.17	0.	0.	2425.00	2450.00	0.
7.0	32.10	.67	32.10	417.20	1164.14	359.88	1525.98	.21	1946.38	2425.00	2450.00	2803.65

SECNO	CWSEL	DIFKWS	EG	TOPUID	OLOR	OCH	OROB	PERENC	STENCL	STCHL	STCHR	STENCR
8.200	33.40	0.	34.39	47.00	0.	3050.00	0.	0.	0.	2203.00	2250.00	0.
8.210	34.36	.98	34.93	47.00	0.	3050.00	0.	.18	2203.00	2203.00	2250.00	2250.00
8.300	34.06	0.	34.67	47.00	0.	3050.00	0.	0.	0.	2203.00	2250.00	0.
8.310	35.12	.96	35.53	47.00	0.	3050.00	0.	.09	2203.00	2203.00	2250.00	2250.00
8.400	35.81	1.	35.97	823.26	381.85	2160.49	507.66	0.	0.	2203.00	2250.00	0.
8.410	35.84	.83	35.83	120.59	267.24	2399.03	383.73	.20	2166.07	2203.00	2250.00	2286.66
9.000	37.86	0.	37.86	1002.64	1619.62	412.02	448.29	0.	0.	2968.00	3000.00	0.
9.010	38.69	.84	38.75	521.19	1670.57	460.87	348.56	.17	2596.52	2968.00	3000.00	3117.71
10.010	41.94	0.	41.01	811.89	188.51	1371.11	920.30	0.	0.	2948.00	3000.00	0.
10.010	41.89	.95	41.97	265.56	0.	1504.65	975.35	.23	2948.00	2948.00	3000.00	3213.87
10.200	41.45	0.	41.45	885.99	218.18	1271.99	989.83	0.	0.	2948.00	3000.00	0.
10.210	42.37	.97	42.42	312.78	0.	1377.43	1102.57	.23	2948.00	2948.00	3000.00	3260.78
10.300	41.44	0.	41.44	892.80	220.91	1263.42	995.67	0.	0.	2948.00	3000.00	0.
10.310	42.41	.97	42.45	317.31	0.	1366.61	1113.39	.23	2948.00	2948.00	3000.00	3265.31
10.400	41.55	0.	41.55	908.41	226.10	1241.89	1010.01	0.	0.	2948.00	3000.00	0.
10.410	42.51	.96	42.56	328.12	1.35	1397.13	1081.52	.22	2947.11	2948.00	3000.00	3275.22
11.000	41.64	0.	41.65	719.69	1396.36	304.14	779.47	0.	0.	2978.00	3000.00	0.
11.010	42.79	.98	42.81	404.45	1405.45	349.44	725.07	.17	2732.01	2978.00	3000.00	3136.46
12.000	44.30	0.	44.31	683.29	1415.61	356.68	511.71	0.	0.	968.00	1000.00	0.
12.010	45.16	.98	45.19	488.62	1506.62	421.91	355.47	.20	597.22	968.00	1000.00	1085.84
13.000	50.10	0.	50.11	471.27	492.40	455.58	1336.02	0.	0.	2362.00	2382.00	0.
13.010	51.87	.72	51.92	277.05	340.10	528.35	1415.55	.21	2309.31	2362.00	2382.00	2586.37
14.000	50.70	0.	50.81	209.31	110.70	825.85	163.45	0.	0.	2975.00	3010.00	0.
14.010	53.58	.84	53.65	62.85	28.46	969.84	101.70	.19	2967.59	2975.00	3010.00	3030.44
14.020	50.10	0.	50.10	134.1	178.07	725.18	196.75	0.	0.	2983.50	3000.00	0.
14.030	52.71	.81	52.87	44.35	101.17	854.42	144.41	.20	2972.59	2983.50	3000.00	3016.94
14.040	51.19	0.	51.77	16.51	0.	1100.00	0.	0.	0.	2983.50	3000.00	0.
14.050	53.07	.91	53.44	16.50	0.	1100.00	0.	0.	2983.50	2983.50	3000.00	3000.00
14.060	50.10	0.	50.30	162.68	214.37	634.72	250.90	0.	0.	2983.50	3000.00	0.
14.070	50.78	.89	50.97	60.54	151.32	736.07	212.61	.19	2966.18	2983.50	3000.00	3026.72
15.000	61.13	0.	61.15	453.69	453.97	310.45	335.58	0.	0.	403.00	425.00	0.
15.010	61.81	.83	61.87	250.73	454.35	368.66	276.99	.25	242.82	403.00	425.00	501.56

FLOODWAY DATA, FLOOD
PROFILE NO. 2

STATION	FLOODWAY		MEAN VELOCITY	WATER SURFACE ELEVATION		
	WIDTH	SECTION AREA		WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
3.100	493.	2619.	1.2	21.1	20.1	1.0
4.100	214.	1174.	2.7	28.6	27.7	.9
4.200	349.	1595.	2.3	29.0	28.1	.9
4.300	50.	751.	4.2	28.5	27.9	.9
4.400	493.	1883.	1.7	29.7	28.4	.8
5.000	493.	4210.	.8	31.0	29.1	.9
5.100	446.	3152.	1.3	31.5	29.7	.8
5.200	446.	3174.	1.3	32.6	29.9	.7
5.300	446.	3213.	1.3	32.7	30.6	.7
5.400	446.	2878.	1.2	32.9	30.2	.7
7.000	657.	3396.	.6	32.9	32.1	.7
8.200	47.	503.	6.1	34.4	33.4	1.0
8.300	47.	533.	5.7	35.1	34.1	1.0
8.400	121.	1155.	2.6	36.5	35.8	.8
9.000	521.	4046.	.5	36.7	37.9	.8
10.100	365.	1576.	1.5	41.8	40.9	.9
10.200	313.	2115.	1.2	42.4	41.4	1.0
10.300	317.	2144.	1.2	42.4	41.4	1.0
10.400	329.	2127.	1.2	42.5	41.5	1.0
11.100	44.	3427.	.7	42.8	41.8	1.0
12.100	469.	3179.	.7	45.2	44.3	.9
13.100	277.	1827.	1.3	51.9	51.1	.8
14.100	13.	450.	2.3	59.5	58.7	.8
14.200	44.	313.	3.5	59.7	58.9	.8
14.300	17.	157.	5.9	59.7	58.9	.8
14.400	11.	95.	2.4	60.8	60.2	.6
15.000	27.	1096.	.9	61.5	61.1	.7

RUN SOUVHEC2

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

T1 MILL SWAMP
 T2 ONSLOW CD.
 T3 FLOODWAY

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	G	WSEL	FG
	0.	6.	0.	0.	0.000000	0.00	0.0	0.	61.200	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

IHLEQ = 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	GCH	GROB	PERENC	STENCL	STCHL	STCHR	STENCR
4.400	60.20	0.00	60.33	162.81	214.52	634.35	251.13	0.00	0.00	2983.56	3000.00	0.00
4.400	61.20	1.00	61.39	55.19	135.37	758.15	206.48	0.22	2968.78	2983.50	3000.00	3023.97
15.000	61.34	0.00	61.36	461.25	461.76	300.19	338.05	0.00	0.00	403.00	425.00	0.00
15.000	62.38	1.04	62.40	247.31	471.71	363.27	265.02	0.29	247.73	403.00	425.00	495.04

FLOODWAY DATA, R FLOOD
PROFILE NO. 2

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION		
				WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
4.400	55.	445.	2.5	61.2	60.2	1.0
15.000	247.	1374.	0.8	62.3	61.3	1.0