

MILL SWAMP

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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
 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 XSECNO 12
 T1 RICHLANDS, ONSLOW COUNTY, NORTH CAROLINA
 T2 MILL SWAMP - GROUP I FOUR FLOODS
 T3 10-YEAR FLOOD
 J1 2. 0003 19.
 J21. -1.
 J3110. 150. 201. 200.
 J51
 NC.2 .2 .09 .1 .3
 QT5. 1387. 2484. 3169. 5290. 3169.
 X11. 15. 1600. 1630.
 GR40. 0. 27. 900. 23. 1000. 22. 1040. 15.5 1100.
 GR16. 1600. 15.3 1606. 14.9 1606. 14.3 1616. 15.3 1626.
 GR16.3 1630. 19.5 2030. 22. 2130. 34. 2230. 32. 3000.
 NC.2 .2 .09 .3 .5
 X14.1 15. 4000. 4066. 1000. 1200. 1100.
 GR40. 1900. 32. 3100. 26.25 3280. 19.7 3400. 19.7 4000.
 GR16.8 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.
 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.
 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. 24.45 26.
 X310.
 BT10. 50. 1900. 4.7 40. 3500. 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.

*add reach
 finish all...*

X1 4.4	16.0	4000.0	4056.0	50.0	50.0	100.0				
GR 40.0	1900.0	32.0	3100.0	26.25	3280.0	19.7	3400.0	19.7	4000.0	
GR 16.8	4016.0	15.0	4033.0	14.7	4040.0	15.8	4050.0	18.4	4054.0	
GR 20.5	4055.0	21.4	4056.0	22.6	4066.0	36.4	4500.0	32.8	4600.0	
GR 46.0	5600.0									

NC.2	.2	.09	.1	.5						
X1 5.0	19.0	404.0	450.0	250.650 470.150	600.900 900					
GR 32.4		31.7	50.0	28.7	150.0	28.1	188.0	25.1	250.0	
GR 22.1	272.0	21.8	350.0	22.0	404.0	18.9	406.0	18.5	406.0	
GR 17.0	423.0	18.2	427.0	18.9	429.0	22.2	450.0	19.9	550.0	
GR 20.0	650.0	19.6	750.0	29.6	820.0	30.0	850.0			

X16.1	31.0	3645.0	4091.0	1200.0	1500.0	1700.0				
GR 50	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	4068	17.7	4076	21.6	4085	23	4091	26.23	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	31.0	3645.0	4091.0	600.300 300	800.300 300	850.350 350				
X3 10.0							27.5	27.5		
GR 50	50		50	1400	40	2800	33	3220	31.5	3400
GR 29.5	3600.0	26.1	3630.0	25.1	3645.0	24.9	3655.0	20.89	3662.0	
GR 19.3	3669	19.89	3677	19.9	3679	22.1	3680	23.5	3692	
GR 25.0	3707.0	23.6	4033.0	22.6	4043.0	21.6	4047.0	17.8	4059.0	
GR 17.0	474068.0	17.7	4076.0	21.6	4085.0	23.0	4091.0	23.0	4097.0	
GR 24.0	4103.0	27.5	4200.0	29.0	4400.0	33.0	4550.0	40.0	5400.0	
GR 55.0	7000		40	8000						

S3 1.05	1.56	3.0		467.0	371.0	576.0		21.5	21.5	
X1 5.3				21.0	21.0	21.0				
X2	1.0	27.7	27.5							
X310.0							29.5	27.5		
BT 20.0		50.0		1400.0	50.0		2800.0	40.0		
BT 3220.33.0				3400.0	31.5		3600.0	29.5		3645.0
BT 29.5		3645.0	32.1		3692.0	32.1		3692.0		29.3
BT 4043.0		28.1		4043.0	30.8		4091.0	30.8		
BT 4091.27.5			4200.0	27.5		4400.0	29.0			4550.0
BT 33.0		5400.0	40.0		7000.0	55.0		8000.0		40.0
BT										

NC.2	.2	.09	.1	.3						
X16.4	31.0	3645.0	4091.0	300.0	400.0	400.0				
GR 50	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	4068	17.7	4076	21.6	4085	23	4091	26	4091	
GR 28	4100	27.5	4200	29	4400	33	4550	40	5400	
GR 55	7000									

X1 7.0	25.0	2425.0	2450.0	2800.0 25.0	4000.0 3800	4100.0 4400				
GR 52.8		46.2	350.0	35.0	1050.0	28.0	1950.0	27.5	2150.0	
GR 28.0	2150.0	27.5	2250.0	27.5	2350.0	26.05	2425.0	24.2	2430.0	
GR 22.25	2432.0	19.65	2439.0	22.55	2445.0	24.2	2445.0	25.4	2450.0	
GR 26.0	2550.0	25.4	2650.0	24.4	2750.0	26.0	2850.0	28.5	2900.0	
GR 30.5	2950.0	34.4	3050.0	35.3	3100.0	46.2	3450.0	52.8	4650.0	

NC		.09	.3	.5						
X16.2	10.0	2203.0	2250.0	350.0	350.0	400.0				
X310.0							33.5	33.5		

GR 52.8	46.2	1310.	46.2	1650.	34.7	1800.	34.5	2170.
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	4500.				

SB1.05	1.56	2.7		25.2	1.	422.	.85	21.15	21.15
X18.3				20.	20.	28.			
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.				

NC.2	.2	.09	.1	.3					
QT	5	1125	2155	2757	4633	2757			
X1 9.	23.	2968.	3000.	3700. 4200	5400.	4500	5100.	4900	
GR 66.	200.	59.4	1310.	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 30.5	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. 2400	3500. 3600	3950.	4100. 4100			
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	3000.	39.6		3400.	39.4		3650.	42.	
BT	3800.	46.2	4500.	59.4					

X1 10.4			100.	100.	100.				
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NC.2	.2	.09	.1	.3					
X111.	21	2978	3000	325.	375.	400.			
X4 1.	59.4	2200.							
GR 75.	66.	600.	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 2996.	34.8	3000.	34.3	3100.	35.2	3146.	38.6	3165.	
GR 39. 3200.	42.1	3300.	41.6	3400.	46.2	3900.	52.8	4150.	
GR 59.4 4500.									

X1 12.	21.	968.	1000.	4400.	3200. 3600	4200. 4400			
GR 60.	55.	200.	53.6	255.	46.8	400.	44.	500.	
GR 39.4 540.	38.9	600.	39.2	700.	38.4	800.	38.7	900.	
GR 39. 958.	37.1	980.	34.4	986.	37.1	993.	38.6	1000.	
GR 38.5 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	15.	968.	1000.	1800.	2100.	2300.			
GR 66.	59.4	200.	52.8	430.	46.2	570.	38.7	900.	

GR 56	2800								
X1 13	22	2362	2382	2200	2300	2200	5400		
GR 72.6		66	1850	66	1851	54.3	2000	53.2	2100
GR 53	2200	44	2300	44.89	2362	41.2	2366	40.5	2372
GR41.2	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
GR60	5600	70	7200						

X113.2	19	962	982	1500	1900	2000			
GR 71		66	800	59.4	700	52.8	780	46.2	860
GR44	900	44.9	962	41.2	966	40.5	972	41.2	979
GR44.7	982	44.7	992	48.5	1000	44.9	1010	43.8	1100
GR 52.8	1150	59.4	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	1802	44	1900	44.9	1962	41.2	1966	40.5	1972
GR41.2	1979	44.7	1982	44.7	1992	48.5	2000	44.9	2010
GR46.2	2100	59.4	2200	66	2400	72.6	3200		

QT	5	416	842	1100	1932	1100			
X1 14.1	12	2975	3010	1600	1600	1700	4950		
GR 72.6		72.6	1500	70	4800	2500	4700	65.1	2800
GR 49.5	2981	49	3000	53.2	3010	64	3200	67	3300
GR 70	3400	72.6	3600						

NC.2	.2	.39	.3	.5					
X114.2	20	2983.5	3008	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	2990.5	49	2994.5	49.6	2995	53.8	3000
GR 61.4	3100	63.9	3200	67.2	3300	70	3400	72.6	3600

SB	1.56	2.6		9.5		165	.28	47.1	47.1
X114.3	0	0	0	26.3	26.3	26.3			
X2		1	59.8	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 2981	61.3	61.3	2981.5	64.2	59.8	3000	64.2	59.8	3001
BT61.3	61.3	3100	61.4	61.4	3200	63.9	63.9	3300	67.2
BT 67.2	3400	70	70						

VC.2	.2	.09	.1	.3					
X115	15	403	425	500	600	500			
GR 71.2		70.7	25	70	69	61.9	125	56.9	225
GR 57.8	403	50.8	414	50	416	50.8	418	56.4	425
GR 57	525	62.4	615	62.9	625	66.8	725	70.8	825
EJ									

T1 MILL SWAMP, GROUP I
T2 ONSLOW COUNTY, NORTH CAROLINA FOUR FLOODS MODEL OF MILL SWAMP
T3 FIFTY YEAR FLOOD
J1 3, .00092, 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, .00092, 100, 24
J23

T1 MILL SWAMP, GROUP I
T2 ONSLOW COUNTY, NORTH CAROLINA FOUR FLOODS MODEL OF MILL SWAMP

 HEC2 RELEASE DATED NOV 76 UPDATED APR 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	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	3.	0.	0.	0.000000	0.00	0.0	0.	59.050	0.000
J2	NPROF	IPLOT	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 ONSLOW CD.
 T2 MILL SWAMP
 T3 100-YR FLOOD

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	4.	0.	0.	0.000000	0.00	0.0	0.	60.200	0.000
J2	NPROF	IPLOT	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 APR1 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	INQ	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	IPLOT	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

 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	138.25
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) Hoda has the data for no profiles
3) Hoda is submitting floodway run.

THIS RUN EXECUTED 27 JAN 82 09:54:13

HEC2 RELEASE DATED NOV 75 UPDATED APR1 1980
ERROR CORR - 01,02,53,54
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 SWAMP
T2 ONSLOW COUNTY
T3 10 YEAR FLOOD

J1	ICHECK	ING	NINV	IOIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-0.	2.	-0.	-0.	002500	-0.	-0.	-0.	19.000	-0.
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	-0.	-0.	-1.000	-0.	-1.	-0.	-1.000	-0.	-0.	-0.
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	150.000	2.10000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
J5	INLEG	ICOPY								
	1.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
VC	02.0	02.0	09.0	10.0	10.0	03.0	-0.	-0.	-0.	-0.
QT	5.000	1307.000	2484.000	7159.000	5290.000	3189.000	-0.	-0.	-0.	-0.
ET	-0.	-0.	-0.	-0.	-0.	10.400	-0.	-0.	-0.	-0.
X1	1.000	15.000	1600.000	1650.000	-0.	-0.	-0.	-0.	-0.	-0.
GR	40.000	0.	27.000	90.000	23.000	1000.000	22.000	1040.000	15.500	1100.000
GR	16.000	1600.000	15.000	1576.000	14.900	1606.000	14.300	1616.000	15.300	1626.000
GR	16.300	1630.000	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	4.100	22.000	4000.000	4066.000	2800.000	2850.000	2850.000	-0.	-0.	-0.
GR	50.000	0.	41.000	1900.000	26.000	3500.000	26.000	4000.000	22.100	4000.000
GR	21.100	4011.000	16.000	4016.000	12.800	4033.000	13.700	4040.000	15.800	4050.000
GR	18.400	4054.000	20.500	4055.000	21.400	4056.000	22.600	4066.000	26.100	4066.000
GR	26.100	4100.000	26.600	4200.000	27.600	4300.000	29.000	4400.000	30.400	4500.000
GR	40.000	5100.000	50.000	5200.000	-0.	-0.	-0.	-0.	-0.	-0.
VC	02.0	02.0	09.0	10.0	03.0	-0.	-0.	-0.	-0.	-0.
X1	4.200	-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.
SB	1.000	1.000	2.000	-0.	41.000	4.500	483.000	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	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	-28.600	-0.	4066.000	28.600	-0.	4066.000
BT	26.100	-0.	4500.000	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	.200	.200	.090	.100	.300	-0.	-0.	-0.	-0.	-0.

X1	5.000	19.000	434.000	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	17.000	423.000	18.200	427.000	18.900	429.000	22.200	450.000	19.900	550.000
GR	20.000	650.000	19.600	750.000	29.600	820.000	30.000	850.000	-0.	-0.

X1	6.100	32.000	3645.000	4091.000	1200.000	1500.000	1700.000	-0.	-0.	-0.
GR	50.000	-0.	50.000	1400.000	40.000	2800.000	33.000	3220.000	31.500	3400.000
GR	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	23.600	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	7000.000	40.000	8000.000	-0.	-0.	-0.	-0.	-0.	-0.
NC	.200	.200	.090	.300	.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	3630.000	25.100	3645.000	24.900	3655.000	20.890	3662.000
GR	19.300	3669.000	19.890	3677.000	19.900	3679.000	22.100	3680.000	23.500	3692.000
GR	25.000	3707.000	23.600	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	4103.000	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.
SB	1.050	1.560	3.000	-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	3220.000	33.000	-0.	3400.000	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	28.100	-0.	4043.000	30.800	-0.	4091.000	30.800	-0.
BT	4091.000	27.500	-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	.200	.200	.090	.100	.300	-0.	-0.	-0.	-0.	-0.
X1	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	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	52.800	-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.	.090	.300	.500	-0.	-0.	-0.	-0.	-0.
X1	8.200	18.000	2203.000	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	52.300	-0.	46.200	1300.000	46.200	1650.000	34.700	1800.000	34.500	2173.000
GR	24.150	2203.000	25.800	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	1.050	1.560	2.700	-0.	25.200	1.000	422.000	.850	21.150	21.150
X1	8.300	-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	37.700	-0.	2203.000	34.500	-0.	2203.000	37.600	-0.	2250.000
BT	37.600	-0.	2250.000	34.600	-0.	2400.000	35.000	-0.	3300.000	46.200
BT	-0.	4600.000	57.600	-0.	-0.	-0.	-0.	-0.	-0.	-0.
X1	8.400	-0.	-0.	-0.	300.000	300.000	400.000	-0.	-0.	-0.
NC	.200	.200	.090	.100	.300	-0.	-0.	-0.	-0.	-0.
QT	5.000	1000.000	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	46.000	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	2980.000	25.300	2985.000	29.800	3000.000	30.500	3028.000	32.700	3035.000
GR	30.500	3046.000	32.800	3100.000	34.800	3200.000	36.200	3300.000	36.800	3400.000
GR	39.600	3500.000	46.200	5200.000	52.800	5500.000	-0.	-0.	-0.	-0.

X1	10.100	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	2900.000	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	3400.000	42.000	3650.000	46.200	3800.000	59.400	4500.000	-0.	-0.
VC	.200	.200	.090	.300	.500	-0.	-0.	-0.	-0.	-0.
X1	10.200	-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	1.050	1.560	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	-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	2800.000	40.000	-0.	2948.000	39.600	-0.	2948.000	41.900	-0.	3000.000
BT	41.900	-0.	3000.000	39.600	-0.	3400.000	39.400	-0.	3650.000	42.000
BT	-0.	3800.000	46.200	-0.	4500.000	59.400	-0.	-0.	-0.	-0.
X1	10.400	-0.	-0.	-0.	100.000	100.000	100.000	-0.	-0.	-0.
NC	.200	.200	.090	.100	.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	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	34.500	2800.000	33.500	2900.000	34.900	2978.000	33.200	2982.000	31.600	2990.000
GR	33.200	2996.000	34.800	3000.000	34.300	3100.000	35.200	3146.000	38.600	3165.000
GR	39.000	3200.000	42.100	3300.000	41.600	3400.000	46.200	3900.000	52.800	4150.000
GR	59.400	4500.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
QT	5.000	918.000	1778.000	2284.000	3874.000	2284.000	-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.	55.000	200.000	53.600	235.000	46.800	400.000	44.000	500.000
GR	39.400	540.000	38.900	600.000	39.200	700.000	38.400	800.000	38.700	900.000
GR	39.000	968.000	37.100	980.000	34.400	986.000	37.100	993.000	38.600	1000.000
GR	38.500	1100.000	39.400	1143.000	48.900	1200.000	51.600	1300.000	53.500	1400.000
GR	59.400	2300.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
X1	13.000	22.000	2362.000	2382.000	4600.000	4600.000	4600.000	-0.	-0.	-0.
GR	72.600	-0.	66.000	1850.000	66.000	1851.000	54.300	2000.000	53.200	2100.000
GR	53.000	2200.000	44.000	2300.000	44.890	2362.000	41.200	2366.000	40.500	2372.000
GR	41.200	2379.000	44.700	2382.000	44.700	2392.000	48.500	2400.000	44.900	2410.000
GR	43.800	2500.000	44.600	2600.000	48.700	2634.000	50.000	2700.000	52.200	2800.000
GR	60.000	5600.000	70.000	7200.000	-0.	-0.	-0.	-0.	-0.	-0.
QT	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 APR 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	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-0.	3.	-0.	-0.	.002500	-0.	-0.	-0.	22.000	-0.
J2	NPROF	IPLOT	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 76 UPDATED APR 1980
 ERROR CORR - 01,02,03,04
 MODIFICATION - 50,51,52,53,54

T1 MILL SWAMP
 T2 ONSLOW COUNTY
 T3 100 YEAR FLOOD

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-0.	4.	-0.	-0.	002500	-0.	-0.	-0.	24.000	-0.
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	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 - 01,02,03,04
 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

SECN0	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	*01K
1.000	-0.	0.	0.	14.30	1307.00	18.46	16.56	18.48	25.04	1.85	1793.65	261.19
1.000	-0.	0.	0.	14.30	2484.00	19.62	16.93	19.63	24.91	2.24	2834.30	497.71
1.000	-0.	0.	0.	14.30	3169.00	20.13	17.05	20.15	24.92	2.41	3339.32	634.82
1.000	-0.	0.	0.	14.30	5290.00	21.46	17.52	21.49	24.76	2.80	4710.79	1063.01
4.100	2850.00	0.	0.	12.80	1307.00	24.93	18.04	25.04	21.37	2.65	492.73	282.72
4.100	2850.00	0.	0.	12.80	2484.00	27.03	19.85	27.21	28.29	3.53	1314.97	467.03
4.100	2850.00	0.	0.	12.80	3169.00	27.68	20.73	27.85	29.23	3.75	1918.16	586.16
4.100	2850.00	0.	0.	12.80	5290.00	29.10	23.22	29.27	30.00	4.14	3528.31	965.78
4.200	150.00	0.	0.	12.80	1307.00	25.24	18.04	25.34	18.92	2.55	512.72	300.51
4.200	150.00	0.	0.	12.80	2484.00	27.46	19.82	27.58	21.03	3.13	1701.32	541.62
4.200	150.00	0.	0.	12.80	3169.00	28.11	20.64	28.24	21.40	3.30	2370.17	685.00
4.200	150.00	0.	0.	12.80	5290.00	29.54	23.31	29.66	22.40	3.67	4103.11	1117.61
4.300	29.00	26.00	24.43	12.80	1307.00	25.34	0.	25.44	18.19	2.52	519.30	306.43
4.300	29.00	26.00	24.43	12.80	2484.00	27.36	0.	27.58	31.44	3.81	652.64	443.04
4.300	29.00	26.00	24.43	12.80	3169.00	27.91	0.	28.24	42.69	4.60	689.07	485.02
4.300	29.00	26.00	24.43	12.80	5290.00	29.54	0.	29.66	22.40	3.67	4103.33	1117.67
4.400	100.00	0.	0.	12.80	1307.00	25.52	18.04	25.61	15.97	2.46	531.26	317.29
4.400	100.00	0.	0.	12.80	2484.00	27.73	19.87	27.83	17.32	2.90	1968.47	596.80
4.400	100.00	0.	0.	12.80	3169.00	28.43	20.63	28.53	17.04	3.00	2727.22	767.71
4.400	100.00	0.	0.	12.80	5290.00	29.73	23.32	29.83	19.93	3.50	4349.87	1184.83
5.000	900.00	0.	0.	17.00	1307.00	26.06	21.08	26.07	3.15	1.02	2810.04	736.81
5.000	900.00	0.	0.	17.00	2484.00	28.31	21.68	28.32	3.57	1.31	4152.31	1314.26
5.000	900.00	0.	0.	17.00	3169.00	29.06	21.97	29.08	4.20	1.50	4650.92	1545.73
5.000	900.00	0.	0.	17.00	5290.00	30.58	22.69	30.60	6.51	2.05	5739.46	2074.01
6.100	1700.00	0.	0.	17.50	1307.00	26.80	21.68	26.82	5.19	.89	1485.15	525.46
6.100	1700.00	0.	0.	17.50	2484.00	28.91	23.24	28.93	4.03	1.00	2810.06	1237.01
6.100	1700.00	0.	0.	17.50	3169.00	29.71	24.42	29.72	3.96	1.09	3457.07	1592.81
6.100	1700.00	0.	0.	17.50	5290.00	31.40	25.12	31.43	4.42	1.35	5099.24	2517.49

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	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
6.200	550.00	0.	0.	17.47	2484.00	29.11	23.23	29.12	3.24	.93	3147.95	1378.96
6.200	550.00	0.	0.	17.47	3169.00	29.90	24.40	29.92	3.26	1.02	3805.75	1755.88
6.200	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
6.300	21.00	27.50	27.70	17.47	2484.00	29.22	0.	29.23	3.06	.92	3146.55	1418.93
6.300	21.00	27.50	27.70	17.47	3169.00	29.99	0.	30.00	3.08	1.00	3889.88	1804.40
6.300	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
6.400	400.00	0.	0.	17.50	2484.00	29.41	23.18	29.43	5.70	1.14	2697.26	959.89
6.400	400.00	0.	0.	17.50	3169.00	30.17	23.75	30.19	5.07	1.21	3419.15	1286.00
6.400	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
7.000	4400.00	0.	0.	19.65	2390.00	31.43	26.83	31.44	3.93	1.25	5548.89	1205.45
7.000	4400.00	0.	0.	19.65	3050.00	32.13	27.04	32.13	4.00	1.33	6617.98	1525.83
7.000	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
8.200	400.00	0.	0.	21.20	2390.00	32.54	27.95	33.05	68.17	5.73	416.97	289.46
8.200	400.00	0.	0.	21.20	3050.00	33.40	28.70	34.09	81.60	6.67	457.32	337.64
8.200	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	35.50	33.35	21.20	1255.00	30.66	0.	30.88	41.68	3.82	328.36	194.39
8.300	20.00	35.50	33.35	21.20	2390.00	32.57	0.	33.08	67.46	5.71	418.29	290.99
8.300	20.00	35.50	33.35	21.20	3050.00	34.06	0.	34.67	65.66	6.25	488.13	376.39
8.300	20.00	35.50	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
8.400	400.00	0.	0.	21.20	2390.00	34.37	27.91	34.56	24.20	3.87	950.24	485.79
8.400	400.00	0.	0.	21.20	3050.00	35.81	28.67	35.97	19.65	3.79	1881.37	688.00
8.400	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
9.000	4900.00	0.	0.	24.60	1935.00	36.68	30.69	36.68	2.52	1.15	4364.52	1217.89
9.000	4900.00	0.	0.	24.60	2480.00	37.86	30.98	37.86	2.30	1.19	5500.63	1634.22
9.000	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.	28.90	1000.00	38.14	33.22	38.21	17.70	2.40	754.58	237.68
10.100	4100.00	0.	0.	28.90	1935.00	40.11	34.77	40.18	15.11	2.72	1723.79	482.10
10.100	4100.00	0.	0.	28.90	2480.00	40.94	35.40	41.01	14.59	2.75	2349.43	649.32
10.100	4100.00	0.	0.	28.90	4195.00	42.75	37.84	42.81	13.20	2.93	4038.40	1154.51
10.200	375.00	0.	0.	28.90	1000.00	38.69	33.22	38.74	11.95	2.08	968.25	289.28
10.200	375.00	0.	0.	28.90	1935.00	40.61	34.75	40.66	11.24	2.35	2082.34	577.06
10.200	375.00	0.	0.	28.90	2480.00	41.40	35.43	41.45	10.76	2.43	2735.80	756.10
10.200	375.00	0.	0.	28.90	4195.00	43.17	37.12	43.22	10.40	2.66	4468.42	1301.10

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K+S	VCH	AREA	*01K
10.300	24.60	39.40	37.30	28.90	1900.00	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	588.57
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.	31.60	1000.00	39.28	35.23	39.29	3.68	1.05	2299.59	521.20
11.000	400.00	0.	0.	31.60	1935.00	41.05	35.67	41.06	4.72	1.40	3320.57	890.51
11.000	400.00	0.	0.	31.60	2480.00	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	4400.00	0.	0.	34.40	918.00	41.73	39.41	41.74	7.99	1.27	1859.26	324.67
12.000	4400.00	0.	0.	34.40	1778.00	43.47	39.78	43.48	6.84	1.45	2987.36	679.96
12.000	4400.00	0.	0.	34.40	2284.00	44.30	39.90	44.31	6.59	1.54	3546.55	889.62
12.000	4400.00	0.	0.	34.40	3874.00	46.35	40.37	46.36	6.58	1.82	5028.67	1510.65
13.000	4600.00	0.	0.	40.50	918.00	47.65	45.30	47.67	17.76	2.10	1122.99	217.80
13.000	4600.00	0.	0.	40.50	1778.00	49.29	45.79	49.33	18.55	2.52	1757.02	412.79
13.000	4600.00	0.	0.	40.50	2284.00	50.08	46.05	50.11	18.59	2.69	2109.03	529.68
13.000	4600.00	0.	0.	40.50	3874.00	52.06	46.70	52.10	18.35	3.07	3157.42	904.29
14.100	4950.00	0.	0.	49.00	416.00	55.75	51.49	55.81	15.79	1.98	284.75	104.68
14.100	4950.00	0.	0.	49.00	842.00	57.82	52.69	57.91	16.90	2.53	586.39	204.81
14.100	4950.00	0.	0.	49.00	1100.00	58.72	53.28	58.81	17.36	2.76	761.20	263.98
14.100	4950.00	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	58.00	54.67	58.25	70.03	4.66	349.35	100.62
14.200	60.00	0.	0.	49.00	1100.00	58.90	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
14.300	26.30	61.30	59.80	49.00	416.00	56.10	52.61	56.37	80.86	4.17	99.70	46.26
14.300	26.30	61.30	59.80	49.00	842.00	58.07	54.37	58.70	129.35	6.37	132.20	74.03
14.300	26.30	61.30	59.80	49.00	1100.00	58.89	55.20	59.77	159.95	7.55	145.61	86.98
14.300	26.30	61.30	59.80	49.00	1932.00	62.53	0.	62.67	31.95	4.25	1110.23	341.82
14.400	60.00	0.	0.	49.00	416.00	56.62	52.62	56.75	43.14	3.22	212.15	63.34
14.400	60.00	0.	0.	49.00	842.00	59.05	54.67	59.19	37.00	3.68	482.01	138.42
14.400	60.00	0.	0.	49.00	1100.00	60.20	55.64	60.33	33.59	3.80	653.16	189.80
14.400	60.00	0.	0.	49.00	1932.00	62.73	57.46	62.85	28.86	4.08	1160.09	359.62
15.000	500.00	0.	0.	50.00	416.00	58.39	55.03	58.43	25.94	2.19	502.74	81.68
15.000	500.00	0.	0.	50.00	842.00	60.19	57.63	60.21	12.93	1.90	1198.57	234.13
15.000	500.00	0.	0.	50.00	1100.00	61.13	58.00	61.15	9.98	1.82	1610.84	348.13
15.000	500.00	0.	0.	50.00	1932.00	63.44	58.62	63.46	6.88	1.79	2740.93	736.50

AR FLOOD

SUMMARY PRINTOUT TABLE 150



SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
1.000	1307.00	18.46	0.	0.	-0.54	827.96	-0.
1.000	2484.00	19.62	1.15	0.	-2.38	972.59	-0.
1.000	3169.00	20.13	.51	0.	-3.87	997.82	-0.
1.000	5290.00	21.46	1.33	0.	-5.54	1063.34	-0.
4.100	1307.00	24.93	0.	6.46	0.	66.00	2850.00
4.100	2484.00	27.03	2.11	7.42	0.	860.59	2850.00
4.100	3169.00	27.68	.64	7.55	0.	997.35	2850.00
4.100	5290.00	29.10	1.42	7.64	0.	1262.05	2850.00
4.200	1307.00	25.24	0.	.31	0.	66.00	150.00
4.200	2484.00	27.46	2.22	.42	0.	951.94	150.00
4.200	3169.00	28.11	.66	.44	0.	1078.24	150.00
4.200	5290.00	29.54	1.43	.44	0.	1343.97	150.00
4.300	1307.00	25.34	0.	.10	0.	66.00	29.00
4.300	2484.00	27.36	2.02	-0.10	0.	66.00	29.00
4.300	3169.00	27.91	.55	-0.20	0.	66.00	29.00
4.300	5290.00	29.54	1.63	.00	0.	1344.00	29.00
4.400	1307.00	25.52	0.	.18	0.	66.00	100.00
4.400	2484.00	27.73	2.21	.37	0.	1006.68	100.00
4.400	3169.00	28.43	.71	.53	0.	1138.08	100.00
4.400	5290.00	29.73	1.29	.18	0.	1377.65	100.00
5.000	1307.00	26.06	0.	.54	0.	565.06	900.00
5.000	2484.00	28.31	2.25	.58	0.	636.27	900.00
5.000	3169.00	29.06	.76	.63	0.	678.43	900.00
5.000	5290.00	30.58	1.51	.85	0.	762.43	900.00
6.100	1307.00	26.80	0.	.74	0.	510.87	1700.00
6.100	2484.00	28.91	2.11	.60	0.	779.01	1700.00
6.100	3169.00	29.71	.80	.64	0.	846.31	1700.00
6.100	5290.00	31.40	1.70	.83	0.	1080.67	1700.00
6.200	1307.00	27.10	0.	.29	0.	446.00	550.00
6.200	2484.00	29.11	2.01	.20	0.	800.53	550.00
6.200	3169.00	29.90	.79	.19	0.	873.87	550.00
6.200	5290.00	31.62	1.72	.22	0.	1111.71	550.00
6.300	1307.00	27.17	0.	.07	0.	446.00	21.00
6.300	2484.00	29.22	2.05	.11	0.	763.48	21.00
6.300	3169.00	29.99	.77	.09	0.	887.01	21.00
6.300	5290.00	31.71	1.72	.09	0.	1126.25	21.00

SECNO	Q	CVSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
6.400	1397.00	27.51	0.	.34	0.	521.59	400.00
6.400	2484.00	29.41	1.90	.19	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.	1228.53	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	33.85	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	1.90	1.11	0.	47.00	400.00
8.200	3050.00	33.40	.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	36.17	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	1900.00	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	1.18	2.95	0.	1002.65	4900.00
9.000	4195.00	39.86	2.00	2.39	0.	1172.66	4900.00
10.100	1000.00	38.14	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	38.69	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	41.40	.80	.46	0.	885.99	375.00
10.200	4195.00	43.17	1.77	.42	0.	1047.44	375.00
10.300	1000.00	38.85	0.	.16	0.	52.00	24.60
10.300	1935.00	40.66	1.81	.06	0.	765.61	24.60
10.300	2480.00	41.44	.78	.04	0.	892.80	24.60
10.300	4195.00	43.22	1.78	.05	0.	1050.93	24.60
10.400	1000.00	39.05	0.	.20	0.	461.22	100.00
10.400	1935.00	40.77	1.72	.11	0.	783.56	100.00
10.400	2480.00	41.55	.78	.11	0.	908.41	100.00
10.400	4195.00	43.32	1.77	.10	0.	1058.01	100.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
11.000	1000.00	39.28	0.	.24	0.	542.07	400.00
11.000	1935.00	41.05	1.77	.28	0.	614.38	400.00
11.000	2480.00	41.84	.79	.29	0.	719.69	400.00
11.000	4195.00	43.63	1.80	.31	0.	991.87	400.00
12.000	918.00	41.73	0.	2.45	0.	637.31	4400.00
12.000	1778.00	43.47	1.74	2.42	0.	662.82	4400.00
12.000	2284.00	44.30	.83	2.47	0.	683.29	4400.00
12.000	3874.00	46.35	2.05	2.71	0.	768.47	4400.00
13.000	918.00	47.65	0.	5.91	0.	361.67	4600.00
13.000	1778.00	49.29	1.65	5.82	0.	423.01	4600.00
13.000	2284.00	50.08	.79	5.78	0.	471.27	4600.00
13.000	3874.00	52.06	1.98	5.72	0.	583.70	4600.00
14.100	416.00	55.75	0.	8.11	0.	111.45	4950.00
14.100	842.00	57.82	2.07	8.53	0.	179.71	4950.00
14.100	1100.00	58.72	.90	8.64	0.	209.31	4950.00
14.100	1932.00	60.87	2.14	8.80	0.	280.03	4950.00
14.200	416.00	55.94	0.	.19	0.	68.93	60.00
14.200	842.00	58.00	2.06	.18	0.	114.36	60.00
14.200	1100.00	58.90	.90	.17	0.	134.10	60.00
14.200	1932.00	61.04	2.14	.17	0.	181.25	60.00
14.300	416.00	56.14	0.	.17	0.	16.50	26.30
14.300	842.00	58.07	1.97	.07	0.	16.50	26.30
14.300	1100.00	58.89	.81	-.01	0.	16.50	26.30
14.300	1932.00	62.53	3.64	1.49	0.	244.47	26.30
14.400	416.00	56.62	0.	.51	0.	83.87	60.00
14.400	842.00	59.05	2.44	.98	0.	137.56	60.00
14.400	1100.00	60.20	1.14	1.31	0.	162.68	60.00
14.400	1932.00	62.73	2.53	.20	0.	258.26	60.00
15.000	416.00	58.39	0.	1.77	0.	352.95	500.00
15.000	842.00	60.19	1.80	1.13	0.	419.05	500.00
15.000	1100.00	61.13	.95	.94	0.	453.69	500.00
15.000	1932.00	63.44	2.31	.71	0.	524.55	500.00

THIS RUN EXECUTED 27 JAN 82 09.54.15

 HEC2 RELEASE DATED NOV 76 UPDATED APR 1980
 ERROR CORR - \$1,02,03,04
 MODIFICATION - 50,51,52,53,54

T1 MILL SWAMP
 T2 ONSLOW COUNTY
 T3 50% YEAR FLOOD

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-0.	5.	-0.	-0.	002500	-0.	-0.	-0.	27.000	-0.
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

0-1<
Hoda

THIS RUN EXECUTED 27 JAN 82 11.46.03

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

Good up to section 14.4 mly!
See next run

T1 MILW SWAMP
T2 ONSLOW COUNTY
T3 BASE FLOOD

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-0.	4.	-0.	-0.	-0.	-0.	-0.	-0.	20.130	-0.
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	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	IRLEG	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	1307.000	2484.000	3169.000	5290.000	3169.000	-0.	-0.	-0.	-0.
ET	-0.	-0.	-0.	-0.	-0.	10.400	-0.	-0.	-0.	-0.
X1	1.000	15.000	1600.000	1630.000	-0.	-0.	-0.	-0.	-0.	-0.
GR	40.000	0.	27.000	900.000	23.000	1000.000	22.000	1040.000	15.500	1100.000
GR	16.000	1600.000	15.300	1606.000	14.900	1606.000	14.300	1616.000	15.300	1626.000
GR	16.300	1630.000	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	4.100	22.000	4000.000	4066.000	2800.000	2850.000	2850.000	-0.	-0.	-0.
GR	50.000	0.	40.000	1900.000	26.000	3500.000	26.000	4000.000	22.100	4000.000
GR	21.100	4011.000	16.000	4016.000	12.800	4033.000	13.700	4040.000	15.800	4050.000
GR	18.400	4054.000	20.500	4055.000	21.400	4056.000	22.600	4066.000	26.100	4066.000
GR	26.100	4100.000	26.600	4200.000	27.600	4300.000	29.000	4400.000	30.400	4500.000
GR	40.000	5100.000	50.000	6200.000	-0.	-0.	-0.	-0.	-0.	-0.
NC	.200	.200	.090	.300	.500	-0.	-0.	-0.	-0.	-0.

X1	4.200	-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.
SB	1.050	1.500	2.900	-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	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	28.600	-0.	4066.000	28.600	-0.	4066.000
BT	26.100	-0.	4500.000	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	.200	.200	.090	.100	.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	17.000	423.000	18.200	427.000	18.900	429.000	22.200	450.000	19.900	550.000
GR	20.000	650.000	19.600	750.000	29.600	820.000	30.000	850.000	-0.	-0.
X1	6.100	32.000	3645.000	4091.000	1200.000	1500.000	1700.000	-0.	-0.	-0.
GR	50.000	-0.	50.000	1400.000	40.000	2800.000	33.000	3220.000	31.500	3400.000
GR	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	23.600	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	7000.000	40.000	8000.000	-0.	-0.	-0.	-0.	-0.	-0.
NC	.200	.200	.090	.300	.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	3630.000	25.100	3645.000	24.900	3655.000	20.890	3662.000
GR	19.300	3669.000	19.890	3677.000	19.900	3679.000	22.100	3680.000	23.500	3692.000
GR	25.000	3707.000	23.600	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	4103.000	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.
SB	1.050	1.560	3.000	-0.	457.000	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	3220.000	33.000	-0.	3400.000	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	28.100	-0.	4043.000	30.800	-0.	4091.000	30.800	-0.
BT	4091.000	27.500	-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	.200	.200	.090	.100	.300	-0.	-0.	-0.	-0.	-0.

X1	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	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	52.800	-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.	.090	.300	.500	-0.	-0.	-0.	-0.	-0.

X1	8.200	18.000	2203.000	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	52.800	-0.	46.200	1300.000	46.200	1650.000	34.700	1800.000	34.500	2173.000
GR	24.150	2203.000	25.800	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	1.050	1.560	2.700	-0.	25.200	1.000	422.000	.850	21.150	21.150

X1	8.300	-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	37.700	-0.	2203.000	34.500	-0.	2203.000	37.600	-0.	2250.000
BT	37.600	-0.	2250.000	34.600	-0.	2400.000	35.000	-0.	3300.000	46.200
BT	-0.	4600.000	57.600	-0.	-0.	-0.	-0.	-0.	-0.	-0.

X1	8.400	-0.	-0.	-0.	300.000	300.000	400.000	-0.	-0.	-0.
NC	.200	.200	.090	.100	.300	-0.	-0.	-0.	-0.	-0.
QT	5.000	1000.000	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	46.500	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	2980.000	25.900	2985.000	29.300	3000.000	30.500	3028.000	32.700	3035.000
GR	30.500	3046.000	32.800	3100.000	34.800	3200.000	36.200	3300.000	36.800	3400.000
GR	39.600	3500.000	46.200	5200.000	52.800	5500.000	-0.	-0.	-0.	-0.
X1	10.100	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	2900.000	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	3400.000	42.000	3650.000	46.200	3800.000	59.400	4500.000	-0.	-0.
NC	.200	.200	.090	.300	.500	-0.	-0.	-0.	-0.	-0.
X1	10.200	-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	1.050	1.560	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	-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	2800.000	40.000	-0.	2948.000	39.600	-0.	2948.000	41.900	-0.	3000.000
BT	41.900	-0.	3000.000	39.600	-0.	3400.000	39.400	-0.	3650.000	42.000
BT	-0.	3800.000	46.200	-0.	4500.000	59.400	-0.	-0.	-0.	-0.
X1	10.400	-0.	-0.	-0.	100.000	100.000	100.000	-0.	-0.	-0.
NC	.200	.200	.090	.100	.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	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	2800.000	33.500	2900.000	34.900	2978.000	33.200	2982.000	31.600	2990.000
GR	33.200	2996.000	34.800	3000.000	34.300	3100.000	35.200	3146.000	38.600	3165.000
GR	39.000	3200.000	42.100	3300.000	41.600	3400.000	46.200	3900.000	52.800	4150.000
GR	59.400	4500.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
QT	5.000	918.000	1778.000	2284.000	3874.000	2284.000	-0.	-0.	-0.	-0.

THIS RUN EXECUTED 27 JAN 82 11.46.04

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

T1 MILL SWAMP
 T2 ONSLOW COUNTY
 T3 FLOODWAY

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-0.	6.	-0.	-0.	-0.	-0.	-0.	-0.	21.130	-0.
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.

IFLEQ = 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
 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

FL300

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
1.000	20.13	0.	20.15	997.94	2236.20	367.32	565.48	0.	0.	1600.00	1630.00	0.
1.000	21.13	1.00	21.16	493.44	2391.87	495.30	281.82	.33	1199.54	1600.00	1630.00	1692.98
4.100	27.68	0.	27.85	997.11	532.95	2526.42	109.64	0.	0.	4000.00	4066.00	0.
4.100	28.61	.93	28.81	234.26	328.17	2840.83	0.	.25	3831.74	4000.00	4066.00	4066.00
4.200	28.11	0.	28.24	1078.06	689.00	2317.64	162.36	0.	0.	4000.00	4066.00	0.
4.200	29.05	.94	29.20	339.13	592.68	2576.32	0.	.24	3726.87	4000.00	4066.00	4066.00
4.300	27.91	0.	28.24	66.00	0.	3169.00	0.	0.	0.	4000.00	4066.00	0.
4.300	28.85	.94	29.13	66.00	0.	3169.00	0.	.35	4000.00	4000.00	4066.00	4066.00
4.400	28.43	0.	28.53	1137.93	794.57	2173.25	201.19	0.	0.	4000.00	4066.00	0.
4.400	29.28	.84	29.39	492.73	749.90	2419.10	0.	.24	3663.27	4000.00	4066.00	4066.00
5.000	29.06	0.	29.08	678.41	633.78	683.97	1851.25	0.	0.	404.00	450.00	0.
5.000	29.92	.86	29.94	449.02	514.43	776.58	1877.99	.15	292.93	404.00	450.00	741.95
6.100	29.71	0.	29.72	846.25	19.42	2998.03	151.55	0.	0.	3645.00	4091.00	0.
6.100	30.48	.78	30.50	446.00	0.	3169.00	0.	.08	3545.00	3645.00	4091.00	4091.00
6.200	29.96	0.	29.92	873.82	37.02	2891.84	240.14	0.	0.	3645.00	4091.00	0.
6.200	30.64	.74	30.66	446.00	0.	3169.00	0.	.11	3645.00	3645.00	4091.00	4091.00
6.300	29.99	0.	30.00	886.96	38.16	2884.75	246.09	0.	0.	3645.00	4091.00	0.
6.300	30.73	.74	30.75	446.00	0.	3169.00	0.	.11	3545.00	3645.00	4091.00	4091.00
6.400	30.17	0.	30.19	984.48	127.25	2839.43	202.32	0.	0.	3645.00	4091.00	0.
6.400	30.88	.72	30.91	446.00	0.	3169.00	0.	.13	3545.00	3645.00	4091.00	4091.00
7.000	32.13	0.	32.13	1572.52	1158.71	310.12	1581.17	0.	0.	2425.00	2450.00	0.
7.000	32.80	.67	32.80	857.26	1164.14	359.88	1525.98	.21	1946.38	2425.00	2450.00	2803.65

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	GCH	QROB	PERENC	STEVCL	STCHL	STCHR	STENCR
8.200	33.49	0.	34.29	47.00	0.	3050.00	0.	0.	0.	2203.00	2250.00	0.
8.200	34.36	.96	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.
8.300	35.02	.96	35.53	47.00	0.	3050.00	0.	.09	2203.00	2203.00	2250.00	2250.00
8.400	35.81	0.	35.97	823.26	381.85	2160.49	507.66	0.	0.	2203.00	2250.00	0.
8.400	36.64	.83	36.83	120.59	267.24	2399.03	383.73	.20	2166.07	2203.00	2250.00	2286.66
9.000	37.86	0.	37.86	1092.64	1619.69	412.02	448.29	0.	0.	2968.00	3000.00	0.
9.000	38.69	.84	38.79	521.19	1670.57	460.87	348.56	.17	2596.52	2968.00	3000.00	3117.71
10.100	40.94	0.	41.01	811.89	188.51	1371.11	920.38	0.	0.	2948.00	3000.00	0.
10.100	41.89	.95	41.97	265.86	0.	1504.65	975.35	.23	2948.00	2948.00	3000.00	3213.87
10.200	41.40	0.	41.45	885.99	218.18	1271.99	989.83	0.	0.	2948.00	3000.00	0.
10.200	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.	41.49	892.80	220.91	1263.42	995.67	0.	0.	2948.00	3000.00	0.
10.300	42.41	.97	42.46	317.31	0.	1366.61	1113.39	.23	2948.00	2948.00	3000.00	3265.31
10.400	41.55	0.	41.59	908.41	228.10	1241.89	1010.01	0.	0.	2948.00	3000.00	0.
10.400	42.51	.96	42.56	328.12	1.35	1397.13	1081.52	.22	2947.11	2948.00	3000.00	3275.22
11.000	41.84	0.	41.85	719.69	1396.38	304.14	779.47	0.	0.	2978.00	3000.00	0.
11.000	42.79	.96	42.80	404.45	1405.49	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.
12.000	45.16	.86	45.18	488.62	1506.62	421.91	355.47	.20	597.22	968.00	1000.00	1085.84
13.000	50.08	0.	50.11	471.27	492.40	455.58	1336.02	0.	0.	2362.00	2382.00	0.
13.000	50.87	.79	50.92	277.05	340.10	528.35	1415.55	.21	2309.31	2362.00	2382.00	2586.37
14.100	58.72	0.	58.81	209.31	110.70	825.85	163.45	0.	0.	2975.00	3010.00	0.
14.100	59.56	.84	59.68	62.85	28.46	969.84	101.70	.19	2967.59	2975.00	3010.00	3030.44
14.200	58.90	0.	59.16	134.10	178.07	725.18	196.75	0.	0.	2983.50	3000.00	0.
14.200	59.71	.81	60.07	44.35	101.17	854.42	144.41	.20	2972.59	2983.50	3000.00	3016.94
14.300	58.89	0.	59.77	16.50	0.	1100.00	0.	0.	0.	2983.50	3000.00	0.
14.300	59.70	.81	60.44	16.50	0.	1100.00	0.	0.	2983.50	2983.50	3000.00	3000.00
14.400	60.20	0.	60.33	162.68	214.37	634.72	250.90	0.	0.	2983.50	3000.00	0.
14.400	60.78	.59	60.97	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.
15.000	61.83	.69	61.85	258.73	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
1+000	493	2606	1.2	21.1	20.1	1.0
4+100	234	1174	2.7	28.6	27.7	.9
4+200	339	1598	2.0	29.0	28.1	.9
4+300	66	751	4.2	28.8	27.9	.9
4+400	403	1883	1.7	29.2	28.4	.8
5+000	449	4200	.8	30.0	29.1	.9
6+100	446	3102	1.0	30.5	29.7	.8
6+200	446	3174	1.0	30.6	29.9	.7
6+300	446	3213	1.0	30.7	30.0	.7
6+400	446	2672	1.2	30.9	30.2	.7
7+000	857	5396	.6	32.8	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	36.6	35.8	.8
9+000	521	4646	.5	38.7	37.9	.8
10+100	266	1676	1.5	41.8	40.9	.9
10+200	313	2016	1.2	42.4	41.4	1.0
10+300	317	2048	1.2	42.4	41.4	1.0
10+400	328	2127	1.2	42.5	41.5	1.0
11+000	404	3427	.7	42.8	41.8	1.0
12+000	489	3179	.7	45.2	44.3	.9
H-13+000	277	1827	1.3	50.9	50.1	.8
14+100	63	488	2.3	59.5	58.7	.8
14+200	44	313	3.5	59.7	58.9	.8
14+300	17	159	6.9	59.7	58.9	.8
14+400	61	451	2.4	60.8	60.2	.6
I-15+000	259	1294	.9	61.8	61.1	.7

RUN SOUTHERN

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

T1 MILL SWAMP
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.	61.200	0.000
J2	NPROF	IPLOT	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 1 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	QLOB	QCH	QROB	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	2983.50	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	FLOODWAY		MEAN VELOCITY	WATER SURFACE ELEVATION		
	WIDTH	SECTION AREA		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