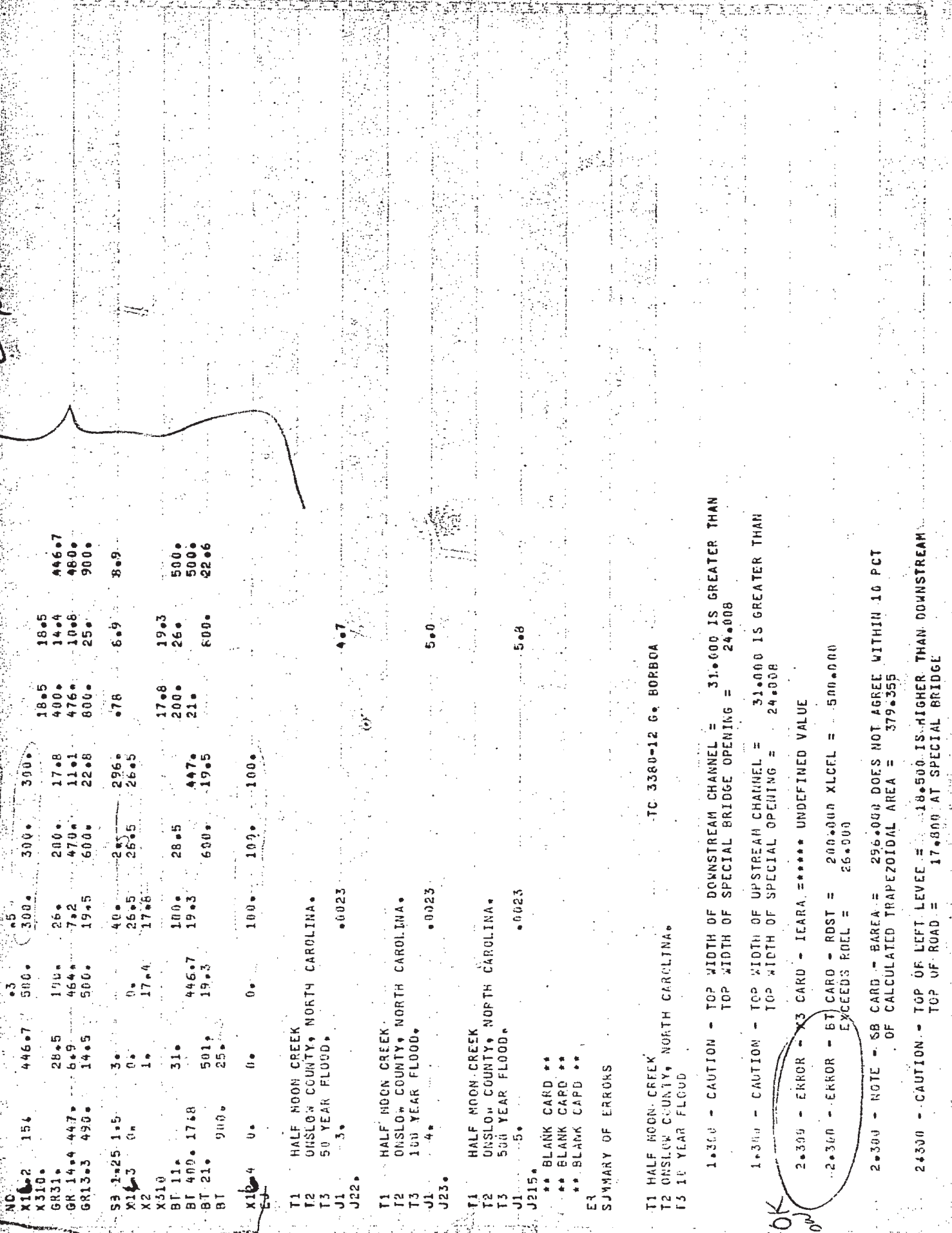


HALF MOON CREEK



NO	3	5	300.	300.	300.	18.5	18.5	446.7	446.7	446.7
X10.2	154	580.	300.	300.	300.	18.5	18.5	446.7	446.7	446.7
X310.						400.	400.			
GR 14.4	447.	170.	26.	200.	17.8	476.	476.	14.4	14.4	480.
GR 13.3	490.	464.	7.2	470.	11.1	800.	800.	14.5	14.5	900.
S3.1-25	1.5	3.	40.	25.	296.	78.	78.	3.	3.	8.9
X1.3	0.	0.	26.5	26.5	26.5			0.	0.	
X2	1.	17.4	17.8					1.	17.4	
X310						17.8	17.8			19.3
BT 11.	31.	100.	100.	28.5	447.	200.	200.	31.	31.	500.
BT 400.	17.8	446.7	19.3	600.	19.5	21.	21.	17.8	17.8	500.
BT 21.	900.	25.				600.	600.	900.	900.	22.6
BT										
X10.4	0.	0.	100.	100.	100.			0.	0.	
T1	HALF MOON CREEK									
T2	ONSLOW COUNTY, NORTH CAROLINA.									
T3	50 YEAR FLOOD.									
J1	3.	.0023								
J22.										
T1	HALF MOON CREEK									
T2	ONSLOW COUNTY, NORTH CAROLINA.									
T3	100 YEAR FLOOD.									
J1	4.	.0023								
J23.										
T1	HALF MOON CREEK									
T2	ONSLOW COUNTY, NORTH CAROLINA.									
T3	500 YEAR FLOOD.									
J1	5.	.0023								
J215.										
**	BLANK CARD **									
**	BLANK CARD **									
**	BLANK CARD **									
E1	SUMMARY OF ERRORS									
T1	HALF MOON CREEK									
T2	ONSLOW COUNTY, NORTH CAROLINA.									
T3	15 YEAR FLOOD									
1.300	- CAUTION - TOP WIDTH OF DOWNSTREAM CHANNEL = 31.000 IS GREATER THAN TOP WIDTH OF SPECIAL BRIDGE OPENING = 24.008									
1.300	- CAUTION - TOP WIDTH OF UPSTREAM CHANNEL = 31.000 IS GREATER THAN TOP WIDTH OF SPECIAL OPENING = 24.008									
2.305	- ERROR - X3 CARD - IEARA = ***** UNDEFINED VALUE									
2.300	- ERROR - BT CARD - RDST = 200.000 XLCEL = 500.000 EXCEEDS ROEL = 26.000									
2.300	- NOTE - SB CARD - BAREA = 296.000 DOES NOT AGREE WITHIN 10 PCT OF CALCULATED TRAPEZOIDAL AREA = 379.355									
2.4300	- CAUTION - TOP OF LEFT LEVEE = 18.500 IS HIGHER THAN DOWNSTREAM TOP OF ROAD = 17.800 AT SPECIAL BRIDGE									

TC 3380-12 G. BORBOA

OK
NOON

HALF MOON CREEK

THIS RUN EXECUTED 03 NOV 81 10:51:07

Looks O.K.

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

TC 3368-12 6. BOFHCA

J1 HALF MOON CREEK
 J2 GUNSLAW COUNTY, NORTH CAROLINA,
 J3 10 YEAR FLOOD

J1	ICHECK	100	GRV	IRV	STR	MTRIC	KVINS	G	USEL	FO
		2			062300				4.100	-0.
J2	NPROF	IPL0T	PRFVS	XSECV	XSECH	FA	ALLDC	IBW	CHNIN	ITRACE
			-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	150.000	2.01.000	2.01.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.
J6	IHLEG	ICOPY								
	1.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
NC	2.01	2.01	1.98	1.00	3.00	3.00	2.00	2.00	2.00	2.00
OT	5.00	8.20	10.00	2.00	7510.000	2000.000	2000.000	2000.000	2000.000	2000.000
X1	1.000	20.000	471.000	500.000	-0.	-0.	-0.	-0.	-0.	-0.
GR	11.000	3.000	9.000	1.00.000	9.400	200.000	200.000	200.000	200.000	200.000
GR	2.000	300.000	2.500	400.000	4.400	471.000	475.000	475.000	475.000	475.000
GR	1.000	490.000	2.000	500.000	2.500	200.000	200.000	200.000	200.000	200.000
GR	3.00	0.00	2.00	1000.000	3.000	1000.000	1100.000	1100.000	1100.000	1200.000
X1	0.100	15.000	821.000	900.000	1700.000	1700.000	1850.000	1850.000	1850.000	1850.000
GR	2.000	1.000	10.000	4.00.000	9.000	500.000	9.000	9.000	9.000	9.000
GR	5.000	200.000	8.000	821.000	900	840.000	-1.200	-1.200	852.000	870.000
GR	1.00	0.00	11.000	1000.000	11.500	1100.000	12.000	12.000	1200.000	1500.000
UC	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
QT	0.00	0.00	1063.000	2.00.000	7435.000	2(12.000)	2(12.000)	2(12.000)	2(12.000)	2(12.000)
X1	0.02	13.000	400.000	494.000	490.000	500.000	400.000	400.000	400.000	400.000
X3	1.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GR	13.000	0.00	11.500	100.000	11.000	400.000	11.000	11.000	453.000	454.000
GR	4.000	400.000	2.000	400.000	400.000	400.000	500.000	500.000	594.000	506.000
GR	11.00	500.000	12.000	7.00.000	12.000	12.000	0.00	0.00	0.00	0.00
SB	1.00	2.000	3.000	0.00	24.000	24.000	151.000	151.000	0.00	2.800

THIS RUN EXECUTED 03 NOV 81 10.51.08

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

T1 HALF MOON CREEK
 T2 DAVENPORT COUNTY NORTH CAROLINA
 T3 50 YEAR FLOOD

J1	ICHECK	IFZ	QIN	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
						-C.	-C.	-0.	4.700	-0.
J2	IPRF	ILFT	PRFS	XSECV	YSECH	FM	ALLOC	IBW	CHNIM	ITRACE
						-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 03 NOV 81 10:51:08

 HEC2 RELEASE DATED NOV 76 UPDATED APR1 1980
 ERROR CORR - 01,92,83,84
 MODIFICATION - 5/81,82,83,84

T1 HALF MOON CREEK
 T2 GIBSON COUNTY, NORTH CAROLINA,
 T3 1 YEAR FLOOD.

J1	ICHECK	YEA	DDIV	ICIF	SIRT	MLTRIC	HVIRS	G	WSEL	FG
					502301	-0.	-0.	-0.	5.000	-0.
J2	UPFLC	IPLOT	PFVS	XSECV	XSECP	FN	ALLDC	IRK	CHNIK	ITRACE
			-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 03 NOV 81 10:51.08

 HEC2 RELEASE DATED NOV 76 UPDATED APR 1984
 ERROR CORR - 11,02,03,04
 MODIFICATION - 50,51,52,53,54

01 HALF MOON CREEK
 02 GRENDA COUNTY, NORTH CAROLINA,
 03 5 YEAR FLOOD.

	ICHECK	ITOG	MINV	IDIR	STRT	MCTPIC	HVINS	Q	WSEL	FQ
J1	-	5	-0.	-0.	00230	-0.	-0.	-0.	5.800	-0.
J2	INRCI	ALLUT	PIFVS	XSECV	XSECH	FI	ALLDC	IBW	CHNIM	ITRACE
	15.000	-1.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 03 NOV 81 10.51.08

 HEC2 RELEASE DATED NOV 76 UPDATED APRIL 1980
 ERROR CORE - 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 153

SECCO	XLCH	ELTRD	ELIC	ELMIN	0	CKSEL	CRVNS	EG	10K*S	VCH	AREA	001K
1.70	-0.	0.	0.	-0.60	820.00	4.64	3.25	4.65	22.98	1.82	1278.07	171.06
1.70	-0.	0.	0.	-0.60	1600.00	5.63	3.63	5.65	23.33	2.14	1981.54	331.25
1.70	-0.	0.	0.	-0.60	2060.00	6.13	3.80	6.15	23.18	2.28	2336.44	427.82
1.70	-0.	0.	0.	-0.60	3510.00	7.44	4.17	7.47	23.02	2.63	3285.25	731.55
2.10	1850.00	0.	0.	-1.20	820.00	8.11	2.67	8.18	17.07	2.10	391.03	198.46
2.10	1850.00	0.	0.	-1.20	1600.00	9.89	4.08	10.01	25.19	2.89	792.25	318.78
2.10	1850.00	0.	0.	-1.20	2060.00	10.54	4.76	10.67	27.28	3.24	1116.40	390.41
2.10	1850.00	0.	0.	-1.20	3510.00	11.97	6.50	12.13	29.36	3.67	2071.08	647.77
2.20	1400.00	1.	0.	.10	801.00	8.79	2.89	8.93	18.50	2.99	267.86	186.24
2.20	1400.00	1.	0.	.10	1563.00	10.87	4.42	11.10	25.88	4.08	489.45	307.24
2.20	1400.00	1.	0.	.10	2013.00	11.66	5.21	11.97	32.58	4.80	670.82	352.69
2.20	1400.00	1.	0.	.10	3435.00	13.24	7.37	13.56	36.67	5.55	1903.63	567.27
2.30	71.40	11.11	10.11	.10	801.00	8.85	0.	8.99	18.09	2.97	269.67	188.24
2.30	71.40	11.11	10.11	.10	1563.00	11.70	0.	11.89	19.25	3.70	695.32	356.26
2.30	71.40	11.11	10.11	.10	2013.00	11.93	0.	12.20	28.58	4.57	828.94	376.55
2.30	71.40	11.11	10.11	.10	3435.00	13.24	0.	13.56	36.61	5.55	1905.60	567.70
3.00	200.00	0.	0.	-1.20	801.00	9.23	2.75	9.28	10.37	1.75	528.74	248.70
3.00	200.00	0.	0.	-1.20	1563.00	12.08	4.17	12.12	6.04	1.67	2020.83	636.16
3.00	200.00	0.	0.	-1.20	2013.00	12.47	4.85	12.51	7.65	1.84	2390.92	727.80
3.00	200.00	0.	0.	-1.20	3435.00	13.68	6.57	13.93	8.97	2.31	3814.74	1146.71
4.00	200.00	0.	0.	-0.40	665.00	10.92	5.67	10.93	5.55	1.29	1448.47	282.31
4.00	200.00	0.	0.	-0.40	1310.00	13.11	7.43	13.12	3.55	1.24	2022.69	695.14
4.00	200.00	0.	0.	-0.40	1695.00	13.69	9.23	13.70	4.10	1.29	3208.64	837.05
4.00	200.00	0.	0.	-0.40	2915.00	15.34	9.89	15.36	5.10	1.72	4302.70	1290.76

AR FLOOD

SUMMARY PRINTOUT TABLE 153

SECID	Q	CWSEL	DIFWSP	DIFWSX	DIFKMS	TOPVID	XLCH
1.362	620.00	4.64	0.	0.	.54	703.18	-0.
1.900	1600.00	5.63	.99	0.	.93	712.64	-0.
1.730	2600.00	6.13	.50	0.	1.13	717.36	-0.
1.000	3510.00	7.44	1.31	0.	1.64	729.83	-0.
2.100	620.00	8.11	0.	3.48	0.	69.68	1850.00
2.170	1600.00	9.89	1.78	4.26	0.	444.45	1850.00
2.170	2600.00	10.54	.65	4.41	0.	525.08	1850.00
2.10	3510.00	11.97	1.44	4.53	0.	872.78	1850.00
2.20	620.00	8.79	0.	.68	0.	31.00	400.00
2.200	1600.00	10.87	2.08	.98	0.	52.87	400.00
2.200	2600.00	11.60	.79	1.12	0.	542.57	400.00
2.200	3435.00	13.24	1.58	1.27	0.	900.00	400.00
2.30	620.00	8.85	0.	.66	0.	31.00	71.00
2.300	1600.00	11.70	2.86	.84	0.	554.48	71.00
2.300	2600.00	11.93	.21	.27	0.	615.40	71.00
2.300	3435.00	13.24	1.31	.80	0.	900.00	71.00
3.00	620.00	9.23	0.	.38	0.	223.82	200.00
3.000	1600.00	12.08	2.85	.38	0.	934.40	200.00
3.000	2600.00	12.47	.39	.54	0.	962.28	200.00
3.000	3435.00	13.68	1.41	.64	0.	1062.76	200.00
4.000	665.00	10.92	0.	1.69	0.	610.77	2350.00
4.000	1510.00	13.11	2.19	1.02	0.	645.60	2350.00
4.000	1695.00	13.69	.59	1.22	0.	654.43	2350.00
4.000	2915.00	15.34	1.65	1.46	0.	678.82	2350.00

FLOODWAY DATA AR FLOOD
PROFILE NO. 2

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	DIFFERENCE
1+000	713	1982	2.8	5.6	4.6	1.0
2+100	448	792	2.0	9.9	8.1	1.8
2+200	53	489	3.2	10.9	8.8	2.1
2+300	554	695	2.2	11.7	8.8	2.9
3+000	930	2021	2.8	12.1	9.2	2.9
4+000	640	2823	2.5	13.1	10.9	2.2

FLOODWAY DATA, AR FLOOD
PROFILE NO. 3

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER WITH FLOODWAY	SURFACE WITHOUT FLOODWAY	ELEVATION DIFFERENCE
1.973	717.	2336.	.9	6.1	4.6	1.5
2.181	525.	1116.	1.8	19.5	8.1	2.4
2.200	543.	671.	3.0	11.7	8.8	2.9
2.336	615.	829.	2.4	11.9	8.8	3.1
3.497	962.	2391.	.8	12.4	9.2	3.2
4.597	654.	3209.	.5	13.7	10.9	2.8

FLOODWAY DATA, AR FLOOD
PROFILE NO. 4

STATION	HIGH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	DIFFERENCE
1+000	731*	3285*	1.1	7.4	4.6	2.8
2+100	675*	2771*	1.7	12.0	8.1	3.9
2+200	591*	1904*	1.8	13.2	8.8	4.4
2+300	541*	1906*	1.8	13.2	8.8	4.4
3+000	3.63*	3810*	.9	13.3	9.2	4.7
4+000	479*	4333*	.7	15.3	10.9	4.4

Leak 0/0

THIS RUN EXECUTED 10 NOV 81 10.27.12

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

1C 3381-12 G. EORBCA

T1 HALF MOON CREEK
 T2 ONSLOW COUNTY, NORTH CAROLINA.
 T3 FLOOD WAY

J1	ICHECK	IAQ	NINV	IDIR	STRT	METRIC	MVINS	Q	USEL	FO
-0.	4.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	6.130	-0.

J2	KPROF	IFLOT	PRFVS	XSECV	XSECH	FN	ALLOC	IBL	CHNIM	ITRACE
-0.	-0.	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

110.000	240.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
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J5 LPRINT NUMSEC *****REQUESTED SECTION NUMBERS*****

-10.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
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1.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
NC	-200	200	820.000	1600.000	2060.000	3510.000	2660.000	-0.	-0.	-0.
UT	5.000	820.000	1600.000	2060.000	3510.000	2660.000	10.000	-0.	-0.	-0.
ET	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.

X1	1.000	20.000	471.000	500.000	500.000	-0.	-0.	-0.	-0.	-0.
GR	11.100	6.	9.900	100.000	100.000	9.100	200.000	8.000	300.000	8.000
GR	2.600	365.000	2.500	400.000	400.000	4.400	471.000	900	475.000	-600
GR	.900	495.000	3.900	500.000	500.000	2.500	600.000	1.800	700.000	3.500
GR	3.200	900.000	2.500	1000.000	1000.000	3.000	1050.000	19.500	1100.000	20.000
ET	-0.	-0.	-0.	-0.	-0.	-0.	8.400	-0.	-0.	-0.

X1	2.100	15.000	821.000	900.000	900.000	1700.000	1700.000	1850.000	-0.	-0.
GR	20.000	0.	10.000	400.000	400.000	9.600	500.000	9.000	600.000	8.800
GR	9.000	800.000	8.900	821.000	821.000	900	840.000	-1.200	852.000	.900
GR	10.500	900.000	11.500	1000.000	1000.000	11.500	1100.000	12.000	1200.000	20.000
NC	.200	.200	.000	.300	.300	.500	-0.	-0.	-0.	-0.
OT	5.000	801.000	1563.000	2013.000	2013.000	3435.000	2013.000	-0.	-0.	-0.


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HEC2 RELEASE DATED NOV 76 UPDATED APR 1980
ERROR CORR - 03.02.03:04
MODIFICATION - 50.51.52,53,54
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T1 HALF MOON CREEK
T2 ONSLOW COUNTY, NORTH CAROLINA.
T3 100 YEAR FLOOD.

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J1 ICHECK   ING      6.      NINV      0.      IDIR      0.      STRT      0.      METRIC     0.      HVINS     0.      WSEL      7.330     FG      -0.
J2 NPROF   -IPLOT    -0.      PRFS     -1.000     XSECV     -0.      XSECH     -0.      ALLOC    -1.000     CHNIN     -0.      ITRACE    -0.
15.000     -0.      -1.000     -0.      -0.      -1.000     -0.      -0.      -0.

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INLEU = 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 10 NOV 81 10:27:12

.....
 MEC2 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

OD WAY

SUMMARY PRINTOUT TABLE 110

SEONO	CUSEL	DIFKNS	EG	TOPUID	QLOB	GCH	GRDB	PERENC	STENCL	STCHL	STCHR	STENGR
1.000	6.13	0.	6.15	717.36	257.07	346.56	1456.37	0.	0.	471.00	500.00	0.
1.000	7.13	1.00	7.16	421.05	0.	443.72	1616.28	.35	471.00	471.00	500.00	892.83
2.100	10.54	0.	10.67	525.04	261.07	1798.93	.00	0.	0.	821.00	900.00	0.
2.100	11.45	.91	11.60	79.00	0.	2060.00	0.	.21	821.00	821.00	900.00	908.60
2.200	11.66	0.	11.97	542.54	131.20	1714.19	167.61	0.	0.	463.00	494.00	0.
2.200	12.50	.84	12.87	40.18	72.60	1919.99	20.41	.19	456.32	463.00	494.00	496.50
2.300	11.93	0.	12.20	615.39	165.51	1669.57	177.92	0.	0.	463.00	494.00	0.
2.300	12.77	.84	13.09	44.70	126.85	1846.65	39.50	.21	455.35	463.00	494.00	498.65
3.000	12.47	0.	12.51	962.28	575.26	1358.13	79.61	0.	0.	823.00	900.00	0.
3.000	13.36	.89	13.41	266.53	465.37	1547.63	0.	.23	633.47	823.00	900.00	900.00
4.000	13.69	0.	13.70	654.43	1089.64	452.61	152.75	0.	0.	966.00	1000.00	0.
4.000	14.60	.91	14.61	423.43	1214.48	480.52	0.	.20	576.57	966.00	1000.00	1000.00

FLOODWAY DATA, 00 MAY
PROFILE NO. 2

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	CUMULATIVE DISTANCE
1.000	421.	1867.	1.1	7.1	6.1	275.
2.0100	79.	645.	3.2	11.4	10.5	460.
2.0200	40.	478.	4.2	12.5	11.7	500.
2.0300	45.	525.	3.8	12.7	11.9	571.
3.0000	267.	1617.	1.2	13.4	12.5	5271.
4.0000	423.	2766.	.6	14.6	13.7	7621.

