

# NEW RIVER

NEW RIVER

Phase Run for Iont

THIS RUN EXECUTED 20 JAN 82 09.59.50

n=.06  
D/s

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HEC2 RELEASE DATED NOV 76 UPDATED APRIL 1980  
ERROR CORR - 01.02.03.04  
MODIFICATION - 50.51.52.53.54  
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T1 NEW RIVER (JACKSONVILLE)  
T2 OMSLOW COUNTY  
T3 14 YEAR FLOOD

J1	ICHECK	INJ	INIV	IDIR	STRT	METRIC	MVINS	Q	WSEL	FO
-0.	2.	-0.	-0.	-0.	-0.	-0.	-0.	19900.	1.000	-0.
J2	NPROF	IFLOT	PRFVS	XSECV	YSECH	FH	ALLDC	IBW	CHNIM	ITRACE
-0.	-0.	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
150.000	201.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
J6	IHLEG	ICOPY								
1.000	-0.	-0.								
NC	C									
0200	0200	000	000	0100	0300	0500	0700	0900	1100	1300
-0.	6.000	320.000	5300.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.
10.000	-0.	5.000	300.000	1.000	320.000	-0.	-0.	-0.	-0.	-0.
1.000	5300.000	5.000	5700.000	10.000	6200.000	-0.	-0.	-0.	-0.	-0.
1.000	49.000	2800.000	3325.000	14000.000	12300.000	-0.	-0.	-0.	-0.	-0.
1070.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
17.000	-0.	15.000	800.000	15.000	2300.000	11.300	2325.000	11.300	2325.000	2425.000
11.000	2025.000	11.000	2725.000	11.600	2800.000	8.270	2805.000	5.170	2814.000	2814.000
4.100	2025.000	2.270	2833.000	-1.130	2848.000	-1.130	2859.000	-2.230	2873.000	2873.000
-3.000	2805.000	-3.000	2900.000	-3.000	2910.000	-4.330	2924.000	-4.330	2939.000	2939.000
-4.330	2950.000	-4.330	2955.000	-4.330	3000.000	-4.330	3080.000	-4.330	3141.000	3151.000
-5.000	3160.000	-4.330	3169.000	-3.000	3179.000	-4.930	3183.000	-4.930	3198.000	3198.000
-4.330	3207.000	-4.650	3216.000	-4.330	3225.000	-3.930	3236.000	-3.930	3246.000	3246.000
-2.000	3256.000	-1.330	3266.000	0.270	3275.000	2.670	3285.000	4.070	3295.000	3295.000
5.000	3305.000	8.970	3321.000	10.970	3324.000	11.700	3325.000	12.000	3425.000	3425.000
11.000	3525.000	12.000	3625.000	11.000	3725.000	15.000	5375.000	-0.	-0.	-0.
-0.	-0.	0.350	0.300	0.500	-0.	-0.	-0.	-0.	-0.	-0.

X1	1.210	-0.	-0.	190.000	100.000	100.000	100.000	100.000	100.000	100.000	-0.	10.690	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	10.690	-0.	-0.
S9	1.150	1.560	-0.	407.000	92.000	5535.000	5535.000	5535.000	5535.000	5535.000	3.990	-4.930	-4.930	-4.930

X1	1.3	-0.	-0.	19.000	10.000	10.000	10.000	10.000	10.000	10.000	-0.	-0.	-0.	-0.
X2	-0.	-0.	-0.	12.170	-0.	-0.	-0.	-0.	-0.	-0.	-0.	12.170	-0.	-0.
X3	13.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	12.170	-0.	-0.
BT	6.000	-0.	-0.	2800.000	12.170	5375.000	5375.000	5375.000	5375.000	5375.000	15.000	-0.	-0.	-0.
BT	3323.000	-0.	-0.	12.170	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
NC	-0.	-0.	-0.	3323.000	12.170	5375.000	5375.000	5375.000	5375.000	5375.000	15.000	-0.	-0.	-0.

X1	1.4	-0.	-0.	100.000	100.000	100.000	100.000	100.000	100.000	100.000	-0.	-0.	-0.	-0.
GR	2.100	30.000	2005.000	2470.000	2500.000	1200.000	2800.000	1700.000	16.100	1800.000	-0.	16.100	1800.000	-0.
GR	17.100	-0.	-0.	556.000	15.090	1600.000	15.400	1700.000	4.600	2035.000	-0.	4.600	2035.000	-0.
GR	16.500	1900.000	18.130	2000.000	18.230	2005.000	11.800	2005.000	2155.000	2155.000	-9.200	2155.000	2155.000	-9.200
GR	-2.200	2065.000	-4.700	2095.000	-5.100	2125.000	-9.200	2305.000	-17.200	2305.000	-8.000	2305.000	2335.000	-8.000
GR	-12.200	2215.000	-15.200	2245.000	-18.200	2275.000	-17.200	2305.000	-17.200	2305.000	17.030	2305.000	2500.000	17.030
GR	14.000	2365.000	2.800	2375.000	12.100	2394.000	18.330	2400.000	18.330	2400.000	20.000	2400.000	2500.000	20.000
GR	15.400	2500.000	13.930	2700.000	14.230	2800.000	15.000	3000.000	15.000	3000.000	-0.	3000.000	3800.000	-0.
NC	-0.	-0.	-0.	2500.000	14.230	2800.000	15.000	3000.000	15.000	3000.000	-0.	3000.000	3800.000	-0.

X1	2.2	-0.	-0.	100.000	100.000	100.000	100.000	100.000	100.000	100.000	-0.	16.000	-0.	-0.
X3	1.0	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	16.000	-0.	-0.
S9	1.05	1.560	-0.	51.000	17.000	6590.000	6590.000	6590.000	6590.000	6590.000	4.130	-26.300	-26.300	-26.300

X1	2.2	-0.	-0.	23.600	23.600	23.600	23.600	23.600	23.600	23.600	-0.	-0.	-0.	-0.
X2	-0.	-0.	-0.	17.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	17.000	-0.	-0.
X3	1.0	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	17.500	-0.	-0.
BT	0.0	-0.	-0.	2000.000	18.030	18.030	-0.	2005.000	17.500	2005.000	20.000	-0.	-0.	-0.
BT	2394.000	17.500	-0.	18.030	-0.	3600.000	-0.	20.000	-0.	20.000	-0.	-0.	-0.	-0.
NC	-0.	-0.	-0.	18.030	-0.	3600.000	-0.	20.000	-0.	20.000	-0.	-0.	-0.	-0.

X1	3.1	41.000	820.000	1590.000	400.000	1100.000	650.000	-0.	-0.	-0.	-0.	16.000	-0.	-0.
X3	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	16.000	-0.	-0.
GR	15.000	-0.	12.400	100.000	12.900	200.000	13.700	300.000	14.200	400.000	16.000	14.200	400.000	-0.
GR	14.500	500.000	15.400	600.000	16.000	700.000	16.600	800.000	17.500	825.000	17.500	825.000	825.000	-0.
GR	4.000	020.000	-4.600	06.000	-4.500	695.000	-4.800	930.000	-5.800	965.000	-6.800	1140.000	965.000	-6.800
GR	-5.200	1.00.000	-5.200	1.00.000	-5.800	1.070.000	-5.800	1.105.000	-6.800	1.140.000	-6.800	1.140.000	1.140.000	-6.800
GR	-6.500	1.175.000	-6.500	1.175.000	-7.800	1.240.000	-7.800	1.280.000	-8.800	1.315.000	-8.800	1.315.000	1.315.000	-8.800
GR	-3.800	1.350.000	-3.800	1.350.000	-2.800	1.420.000	-1.800	1.455.000	-2.300	1.490.000	-2.300	1.490.000	1.490.000	-2.300
GR	-1.300	1.525.000	-1.300	1.525.000	11.200	1.596.000	14.760	1.597.000	17.600	1.598.000	17.600	1.598.000	1.598.000	17.600
GR	17.600	1600.000	16.700	1700.000	16.200	1800.000	15.500	1900.000	15.400	2000.000	15.400	2000.000	2000.000	15.400



THIS RUN EXECUTED 20 JAN 82 09:59:50

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 MEC2 RELEASE DATED NOV 75 UPDATED APR1 1980  
 ERROR CORR - 01,02,23,4  
 MODIFICATION - 50,51,52,53,54  
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VJIE- ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

AR FLOO

SUMMARY PRINTOUT TABLE 150

SECD	XLCH	ELTRU	ELLC	ELMIN	O	CWSEL	CRIMS	EG	10M*S	VCH	AREA	*01K
-0.	-0.	0.	0.	-7.00	10900.00	1.00	-6.47	1.00	.08	.27	39840.00	39386.57
1.100	12300.00	0.	0.	-5.33	10700.00	5.22	-1.28	5.33	5.90	2.64	4050.12	4072.02
1.200	100.00	0.	0.	-5.33	10700.00	5.25	-1.29	5.36	2.32	2.63	4067.36	7025.60
1.300	10.00	12.17	9.87	-5.33	10700.00	5.29	0.	5.40	2.29	2.62	4086.73	7076.27
1.400	100.00	0.	0.	-5.33	10700.00	5.32	-1.29	5.42	2.27	2.61	4098.12	7106.13
2.100	2800.00	0.	0.	-18.20	10700.00	5.68	-8.70	5.76	.80	2.18	4905.51	11985.13
2.200	100.00	0.	0.	-18.20	10700.00	5.69	-8.70	5.76	.79	2.18	4910.88	12004.81
2.300	23.60	17.60	15.50	-18.20	10700.00	5.70	0.	5.77	.79	2.18	4910.80	12004.51
2.400	100.00	0.	0.	-18.20	10700.00	5.70	-8.70	5.76	.79	2.18	4913.58	12014.70
3.100	650.00	0.	0.	-8.80	10700.00	5.79	-3.61	5.82	.51	1.41	7569.05	14997.29
3.200	100.00	0.	0.	-8.80	10700.00	5.80	-3.57	5.83	.51	1.41	7573.92	15012.94
3.300	68.40	15.00	14.76	-8.80	10700.00	5.80	0.	5.83	.51	1.41	7573.83	15012.67
3.400	100.00	0.	0.	-8.80	10700.00	5.80	-3.57	5.83	.51	1.41	7577.64	15024.89
1.000	4000.00	0.	0.	-10.80	10300.00	6.16	-1.29	6.24	1.49	2.32	11166.73	8430.91

A1 FLOOD

SUMMARY PRINTOUT TABLE 150

SECNO	G	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
0.	10900.00	1.00	0.	0.	0.	4980.00	-0.
1.100	10700.00	5.22	0.	4.22	0.	493.51	12300.00
1.200	10700.00	5.25	0.	.04	0.	493.99	100.00
1.300	10700.00	5.29	0.	.04	0.	494.52	10.00
1.400	10700.00	5.32	0.	.02	0.	494.84	100.00
2.100	10700.00	5.68	0.	.37	0.	350.24	2800.00
2.200	10700.00	5.69	0.	.01	0.	350.34	100.00
2.300	10700.00	5.70	0.	.01	0.	350.33	23.60
2.400	10700.00	5.75	0.	.01	0.	350.38	100.00
3.100	10700.00	5.79	0.	.09	0.	748.44	650.00
3.200	10700.00	5.80	0.	.01	0.	748.47	100.00
3.300	10700.00	5.80	0.	.09	0.	748.47	68.40
3.400	10700.00	5.80	0.	.01	0.	748.49	100.00
1.000	10300.00	6.16	0.	.36	0.	3869.85	4000.00

THIS RUN EXECUTED 29 JAN 82 13.35.00

*avg value = 1.95  
3.11  
3.68  
4.66*

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

T1 NEW RIVER (JACKSONVILLE)  
T2 ONSLOW COUNTY  
T3 10 YEAR FLOOD

J1	ICHECK	INU	NIVV	IDIR	STRT	METRIC	HVINS	G	WSEL	FG
-0.	2.	-1.	-0.	-0.	-0.	-0.	-0.	-0.	1.000	-0.
J2	NPROF	INLOT	PREVS	XSECV	XSECH	FN	ALLOC	IBU	CHNIM	ITRACE
-0.	-0.	-1.000	-0.	-1.000	-0.	-0.	-1.000	-0.	-0.	-0.
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
150.000	201.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
J6	IHLEC	ICOPY								
1.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
NC	GT									
2.00	5.000	290	11200.000	14700.000	19200.000	14700.000	14700.000	-0.	-0.	-0.
10.000	1.000	8.000	320.000	5300.000	-0.	-0.	-0.	-0.	-0.	-0.
1.000	1.000	5300.000	5.000	5700.000	10.000	6200.000	6200.000	-0.	-0.	-0.
X1	GR	GR	GR	GR	GR	GR	GR	GR	GR	GR
1.100	17.000	49.000	2810.000	3325.000	14000.000	14000.000	14000.000	12300.000	-0.	-0.
17.000	-0.	-0.	15.000	800.000	15.000	15.000	2300.000	11.300	2325.000	11.100
11.000	2625.000	11.500	2725.000	2725.000	11.600	11.600	2800.000	8.270	2805.000	5.170
4.170	2623.000	2.270	2833.000	2833.000	-1.130	-1.130	2848.000	-1.130	2859.000	-2.230
-3.130	2685.000	-3.630	2900.000	2900.000	-3.030	-3.030	2910.000	-0.330	2924.000	-4.330
-4.330	2950.000	-4.330	2955.000	2955.000	-4.330	-4.330	3080.000	-4.330	3141.000	-5.330
-5.330	3160.000	-4.330	3169.000	3169.000	-3.630	-3.630	3179.000	-4.930	3189.000	-4.930
-4.330	3207.000	-4.630	3216.000	3216.000	-4.330	-4.330	3225.000	-5.930	3236.000	-3.930
-2.870	3256.000	-1.330	3256.000	3256.000	.270	.270	3275.000	2.670	3285.000	4.870
5.370	3309.000	8.970	3321.000	3321.000	10.970	10.970	3324.000	11.700	3325.000	12.000
11.500	3525.000	12.000	3625.000	3625.000	11.500	11.500	3725.000	15.000	3725.000	-0.
-0.	-0.	-0.35	-0.300	-0.300	-0.500	-0.500	-0.	-0.	-0.	-0.

X1	1.200	-0.	-0.	100.000	100.000	100.000	100.000	100.000	100.000	-0.	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	10.650	10.650	10.650	-0.
SB	1.150	1.560	-2.900	407.000	92.000	5535.000	5535.000	5535.000	5535.000	3.990	3.990	4.930	-9.430
X1	1.300	-0.	-0.	10.000	10.000	10.000	10.000	10.000	10.000	-0.	-0.	-0.	-0.
X2	-0.	1.000	-0.	12.170	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
X3	10.600	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	12.170	12.170	12.170	-0.
BT	6.000	17.000	-0.	2800.000	12.170	-0.	-0.	-0.	-0.	2803.000	2803.000	2803.000	-0.
BT	3323.300	12.170	-0.	12.170	-0.	5375.000	5375.000	5375.000	5375.000	15.000	15.000	-0.	-0.
VC	-0.	-0.	-0.	.300	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
X1	1.900	-0.	-0.	100.000	100.000	100.000	100.000	100.000	100.000	-0.	-0.	-0.	-0.
X1	2.100	30.000	2005.000	2500.000	1200.000	2800.000	2800.000	2800.000	2800.000	-0.	-0.	-0.	-0.
GR	17.900	-0.	15.000	550.000	1600.000	15.400	15.400	15.400	15.400	1700.000	1700.000	16.100	1800.000
GR	16.500	1900.000	18.030	2000.000	2005.000	11800	11800	11800	11800	2006.000	2006.000	4.600	2035.000
GR	-2.200	2065.000	-4.700	2095.000	2125.000	-5.700	-5.700	-5.700	-5.700	2155.000	2155.000	-9.200	2165.000
GR	-12.200	2215.000	-15.200	2245.000	2275.000	-18.200	-18.200	-18.200	-18.200	2305.000	2305.000	-8.000	2335.000
GR	.000	2365.000	2.800	2375.000	2394.000	12.100	12.100	12.100	12.100	2400.000	2400.000	17.030	2500.000
GR	15.400	2600.000	13.930	2700.000	2800.000	14.230	14.230	14.230	14.230	3000.000	3000.000	20.000	3800.000
VC	-0.	-0.	-0.	.300	-0.	.500	.500	.500	.500	-0.	-0.	-0.	-0.
X1	2.300	-0.	-0.	100.000	100.000	100.000	100.000	100.000	100.000	-0.	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	16.000	16.000	16.000	-0.
SB	1.050	1.560	2.900	50.000	17.000	8590.000	8590.000	8590.000	8590.000	4.130	4.130	-26.300	-26.300
X1	2.300	-0.	-0.	23.600	23.600	23.600	23.600	23.600	23.600	-0.	-0.	-0.	-0.
X2	-0.	1.000	-0.	17.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	17.000	17.000	17.500	-0.
BT	6.100	-0.	17.000	2000.000	18.030	-0.	-0.	-0.	-0.	2005.000	2005.000	17.500	-0.
BT	2394.000	17.500	-0.	18.330	-0.	3800.000	3800.000	3800.000	3800.000	20.000	20.000	-0.	-0.
NC	-0.	-0.	-0.	.100	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
X1	2.400	-0.	-0.	100.000	100.000	100.000	100.000	100.000	100.000	-0.	-0.	-0.	-0.
X1	3.100	41.000	825.000	400.000	1100.000	650.000	650.000	650.000	650.000	-0.	-0.	-0.	-0.
X3	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	16.000	16.000	16.000	-0.
GR	15.000	-0.	12.400	100.000	200.000	13.700	13.700	13.700	13.700	300.000	300.000	14.200	400.000
GR	14.500	500.000	15.400	600.000	700.000	16.600	16.600	16.600	16.600	800.000	800.000	17.500	825.000
GR	4.900	826.000	-6.000	860.000	895.000	-4.800	-4.800	-4.800	-4.800	930.000	930.000	-5.800	965.000
GR	-5.300	1000.000	-5.300	1035.000	1070.000	-5.800	-5.800	-5.800	-5.800	1105.000	1105.000	-6.800	1140.000
GR	-8.800	1175.000	-8.800	1210.000	1245.000	-6.800	-6.800	-6.800	-6.800	1280.000	1280.000	-4.800	1315.000
GR	-3.800	1350.000	-3.800	1385.000	1420.000	-1.800	-1.800	-1.800	-1.800	1455.000	1455.000	-2.300	1490.000
GR	-1.300	1525.000	2.200	1560.000	1596.000	11.200	11.200	11.200	11.200	1597.000	1597.000	17.600	1598.000
GR	17.600	1600.000	16.700	1700.000	1800.000	16.200	16.200	16.200	16.200	1900.000	1900.000	15.400	2000.000





THIS RUN EXECUTED 20 JAN 82 13.35.00

\*\*\*\*\*  
 HEC2 RELEASE DATED NOV 76 UPDATED APR1 1980  
 ERROR CORR - 01.02.03.04  
 MODIFICATION - 50.51.52.53.54  
 \*\*\*\*\*

T1 NEW RIVER (JACKSONVILLE)  
 T2 ONSLOW COUNTY  
 T3 50 YEAR FLOOD

J1	ICHECK	ING	INVV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-0.	3.	-0.	-0.	-0.	-0.	-0.	-0.	1.000	-0.
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLOC	IBV	CHNIM	ITRACE
	2.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 20 JAN 82 13.35.00

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

T1 NEW RIVER (JACKSONVILLE)  
 T2 ONSLOW COUNTY  
 T3 100 YEAR FLOOD

	J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
		-0.	4.	-0.	-0.	-0.	-0.	-0.	-0.	1.000	-0.
J2	VPROF	3.000	IFLOT	PRFVS	XSECV	XSECH	FM	ALLOC	IBV	CHNIM	ITRACE
			-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 20 JAN 82 13:35:01

\*\*\*\*\*  
 MEC2 RELEASE DATED NOV 76 UPDATED APR1 1980  
 ERROR CORR - 01020304  
 MODIFICATION - 50051052053054  
 \*\*\*\*\*

T1 NEW RIVER (JACKSONVILLE)  
 T2 CNSLOW COUNTY  
 T3 503 YEAR FLOOD

J1	ICHECK	INQ	NIW	IDIR	STRT	METRIC	HVINS	G	WSEL	FO
	-5.	5.	-0.	-0.	-0.	-0.	-0.	-0.	1.000	-0.

J2	NPROF	IPLOT	PRFS	XSECV	XSECH	FN	ALLDC	IBU	CHNIM	ITRACE
	15.00J	-0.	-1.00D	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 20 JAN 82 13.35.01

\*\*\*\*\*  
 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

A1 FLOOD

SUMMARY PRINTOUT TABLE 150

SECTNO	XLCH	ELTRD	ELLCC	ELMIN	Q	CWSEL	CRTHS	EG	10X*S	VCH	AREA	COJK
-0*	-0*	0*	0*	-7.00	7500.00	1.00	-6.60	1.00	.03	.18	39840.00	39906.57
-0*	-0*	0*	0*	-7.00	11200.00	1.00	-5.46	1.00	.08	.28	39840.00	39386.57
-0*	-0*	0*	0*	-7.00	14700.00	1.00	-6.36	1.00	.14	.37	39840.00	39386.57
-0*	-0*	0*	0*	-7.00	19200.00	1.00	-6.23	1.00	.24	.68	39840.00	39386.57
1.10*	12300.00	0*	0*	-5.33	7300.00	4.05	-1.95	4.12	5.00	2.10	3401.65	3244.88
1.16*	12300.00	0*	0*	-5.33	11200.00	5.37	-1.18	5.49	7.16	2.71	4125.39	4187.05
1.19*	12300.00	0*	0*	-5.33	14700.00	6.33	-.58	6.49	9.71	3.19	4601.18	4988.81
1.13*	12300.00	0*	0*	-5.33	19200.00	7.41	.06	7.52	10.42	3.73	5146.05	5997.39
1.20*	100.00	0*	0*	-5.33	7300.00	4.07	-1.95	4.14	1.68	2.09	3497.93	5826.52
1.24*	100.00	0*	0*	-5.33	11200.00	5.41	-1.18	5.52	2.40	2.70	4145.43	727.89
1.20*	100.00	0*	0*	-5.33	14700.00	6.38	-.61	6.54	3.91	3.18	4627.42	8618.94
1.29*	199.09	9*	0*	-5.33	19200.00	7.46	.06	7.68	3.49	3.71	5174.54	10283.58
1.30*	10.00	12.17	9.87	-5.33	7300.00	4.10	0.	4.17	1.66	2.08	3509.24	5663.85
1.30*	10.00	12.17	9.87	-5.33	11200.00	5.45	0.	5.56	2.36	2.69	4164.05	7285.27
1.30*	10.00	12.17	9.87	-5.33	14700.00	6.44	0.	6.59	2.85	3.16	4657.28	8704.31
1.30*	10.00	12.17	9.87	-5.33	19200.00	7.54	0.	7.75	3.40	3.68	5217.12	10417.56
1.40*	100.00	0*	0*	-5.33	7300.00	4.11	-1.95	4.18	1.65	2.08	3517.12	5682.90
1.40*	100.00	0*	0*	-5.33	11200.00	5.47	-1.18	5.58	2.34	2.68	4175.87	7318.24
1.40*	100.00	0*	0*	-5.33	14700.00	6.47	-.61	6.62	2.82	3.15	4671.75	8747.26
1.40*	100.00	0*	0*	-5.33	19200.00	7.58	.06	7.79	3.36	3.67	5234.64	10472.87
2.10*	2800.00	0*	0*	-18.20	7300.00	4.36	-10.41	4.40	.50	1.64	4446.88	10343.97
2.10*	2800.00	0*	0*	-18.20	11200.00	5.86	-8.53	5.93	.84	2.26	4966.60	12209.30
2.10*	2800.00	0*	0*	-18.20	14700.00	6.97	-7.47	7.08	1.15	2.74	5360.33	13682.90
2.10*	2800.00	0*	0*	-18.20	19200.00	8.22	-6.34	8.39	1.55	3.30	5812.73	15434.81
2.20*	100.00	0*	0*	-18.20	7300.00	4.36	-10.39	4.40	.50	1.64	4450.56	10356.79
2.20*	100.00	0*	0*	-18.20	11200.00	5.86	-8.54	5.94	.84	2.25	4972.80	12229.92
2.20*	100.00	0*	0*	-18.20	14700.00	6.98	-7.46	7.09	1.15	2.74	5367.46	13710.02
2.20*	100.00	0*	0*	-18.20	19200.00	8.23	-6.34	8.40	1.54	3.30	5821.71	15470.18

SECD	XLCH	ELTRO	ELLC	ELMIN	U	CWSEL	CRVCS	EG	10K-S	VCH	AREA	00IK
2.300	23.60	17.00	15.50	-18.20	7300.00	4.37	0.	4.41	.50	1.64	4449.97	10354.76
2.300	23.60	17.00	15.50	-18.20	11200.00	5.87	0.	5.95	.84	2.25	4972.23	12230.05
2.300	23.60	17.00	15.50	-18.20	14700.00	6.99	0.	7.10	1.15	2.74	5368.50	13713.99
2.300	23.60	17.00	15.50	-18.20	19200.00	8.25	0.	8.42	1.54	3.30	5824.40	15488.79
2.400	100.00	0.	0.	-18.20	7300.00	4.37	-10.39	4.41	.50	1.64	4451.68	10360.68
2.400	100.00	0.	0.	-18.20	11200.00	5.88	-8.54	5.96	.84	2.25	4975.18	12240.90
2.400	100.00	0.	0.	-18.20	14700.00	7.00	-7.48	7.12	1.15	2.74	5372.62	13729.67
2.400	100.00	0.	0.	-18.20	19200.00	8.26	-6.34	8.43	1.53	3.29	5830.03	15505.00
3.100	650.00	0.	0.	-8.80	7300.00	4.42	-4.22	4.44	.38	1.12	6542.67	11060.34
3.100	650.00	0.	0.	-8.80	11200.00	5.97	-3.63	6.01	.53	1.45	7704.47	15494.48
3.100	650.00	0.	0.	-8.80	14700.00	7.13	-2.96	7.18	.64	1.71	8575.34	18383.93
3.100	650.00	0.	0.	-8.80	19200.00	8.45	-2.38	8.51	.77	2.01	9570.50	21989.77
3.200	100.00	0.	0.	-8.80	7300.00	4.43	-4.22	4.45	.38	1.11	6552.00	11087.71
3.200	100.00	0.	0.	-8.80	11200.00	5.98	-3.46	6.01	.53	1.45	7709.58	15483.06
3.200	100.00	0.	0.	-8.80	14700.00	7.14	-2.97	7.18	.64	1.71	8582.08	18377.23
3.200	100.00	0.	0.	-8.80	19200.00	8.45	-2.36	8.52	.77	2.00	9579.24	21941.99
3.300	68.40	15.00	14.76	-8.80	7300.00	4.43	0.	4.45	.38	1.11	6552.60	11088.27
3.300	68.40	15.00	14.76	-8.80	11200.00	5.98	0.	6.01	.53	1.45	7709.65	15480.65
3.300	68.40	15.00	14.76	-8.80	14700.00	7.14	0.	7.19	.64	1.71	8581.64	18375.71
3.300	68.40	15.00	14.76	-8.80	19200.00	8.46	0.	8.52	.77	2.00	9578.36	21938.76
3.400	100.00	0.	0.	-8.80	7300.00	4.43	-4.22	4.45	.38	1.11	6555.39	11096.30
3.400	100.00	0.	0.	-8.80	11200.00	5.98	-3.46	6.02	.52	1.45	7713.39	15483.43
3.400	100.00	0.	0.	-8.80	14700.00	7.15	-2.97	7.19	.64	1.71	8586.46	18382.40
3.400	100.00	0.	0.	-8.80	19200.00	8.46	-2.36	8.53	.76	2.00	9584.18	21960.21
1.000	4000.00	0.	0.	-10.80	7300.00	4.76	-2.88	4.82	1.44	2.05	6916.72	6089.52
1.000	4000.00	0.	0.	-10.80	11200.00	6.37	-1.07	6.45	1.61	2.45	11954.94	8830.28
1.000	4000.00	0.	0.	-10.80	14700.00	7.56	-.42	7.65	1.65	2.68	16631.01	11438.58
1.000	4000.00	0.	0.	-10.80	19200.00	8.91	.50	9.01	1.66	2.90	22025.40	14887.29

AR FLOOD

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CVSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	KLCH
-0.	7300.00	1.00	0.	0.	0.	4980.00	-0.
-0.	11200.00	1.00	0.	0.	0.	4980.00	-0.
-0.	14700.00	1.00	0.	0.	0.	4980.00	-0.
-0.	19200.00	1.00	0.	0.	0.	4980.00	-0.
1.100	7300.00	4.05	0.	3.05	0.	471.13	12300.00
1.101	11200.00	5.37	1.32	4.37	0.	495.58	12300.00
1.102	14700.00	6.33	.96	5.33	0.	501.54	12300.00
1.103	19200.00	7.41	1.07	6.41	0.	508.27	12300.00
1.200	7300.00	4.07	0.	.03	0.	471.54	100.00
1.201	11200.00	5.41	1.33	.04	0.	495.81	100.00
1.202	14700.00	6.38	.97	.05	0.	501.86	100.00
1.203	19200.00	7.45	1.08	.06	0.	508.62	100.00
1.300	7300.00	4.10	0.	.02	0.	471.92	100.00
1.301	11200.00	5.45	1.35	.04	0.	496.07	100.00
1.302	14700.00	6.44	.99	.06	0.	502.23	100.00
1.303	19200.00	7.54	1.11	.08	0.	509.14	100.00
1.400	7300.00	4.11	0.	.02	0.	472.19	100.00
1.401	11200.00	5.47	1.36	.02	0.	496.22	100.00
1.402	14700.00	6.47	.99	.03	0.	502.41	100.00
1.403	19200.00	7.59	1.11	.04	0.	509.35	100.00
2.100	7300.00	4.30	0.	.24	0.	342.11	2800.00
2.101	11200.00	5.86	1.50	.38	0.	351.30	2800.00
2.102	14700.00	6.97	1.11	.58	0.	358.04	2800.00
2.103	19200.00	8.22	1.25	.60	0.	365.63	2800.00
2.200	7300.00	4.30	0.	.01	0.	342.18	100.00
2.201	11200.00	5.86	1.50	.01	0.	351.40	100.00
2.202	14700.00	6.97	1.11	.01	0.	358.16	100.00
2.203	19200.00	8.23	1.25	.02	0.	365.78	100.00
2.300	7300.00	4.37	0.	.00	0.	342.17	23.60
2.301	11200.00	5.87	1.51	.01	0.	351.40	23.60
2.302	14700.00	6.99	1.12	.01	0.	358.18	23.60
2.303	19200.00	8.25	1.26	.02	0.	365.82	23.60
2.400	7300.00	4.37	0.	.01	0.	342.20	100.00
2.401	11200.00	5.88	1.51	.01	0.	351.45	100.00
2.402	14700.00	7.00	1.12	.01	0.	358.25	100.00
2.403	19200.00	8.26	1.26	.02	0.	365.92	100.00

SECNO	G	CWSEL	DIFVSP	DIFVSK	DIFKVS	TOPWID	XLCH
3.100	7300.00	4.42	0.	.05	0.	740.43	650.00
3.109	11200.00	5.97	1.55	.09	0.	749.18	650.00
3.100	14700.00	7.13	1.16	.12	0.	753.91	650.00
3.103	19200.00	8.45	1.32	.18	0.	759.27	650.00
3.200	7300.00	4.43	0.	.00	0.	740.57	100.00
3.200	11200.00	5.98	1.55	.01	0.	749.21	100.00
3.200	14700.00	7.14	1.16	.01	0.	753.95	100.00
3.200	19200.00	8.45	1.32	.01	0.	759.32	100.00
3.300	7300.00	4.43	0.	.00	0.	740.57	68.40
3.300	11200.00	5.98	1.55	.00	0.	749.21	68.40
3.300	14700.00	7.14	1.16	.00	0.	753.94	68.40
3.300	19200.00	8.46	1.32	.00	0.	759.32	68.40
3.400	7300.00	4.43	0.	.00	0.	740.61	100.00
3.400	11200.00	5.98	1.55	.01	0.	749.23	100.00
3.400	14700.00	7.15	1.16	.01	0.	753.97	100.00
3.400	19200.00	8.46	1.32	.01	0.	759.35	100.00
1.000	7300.00	4.76	0.	.33	0.	2041.99	4000.00
1.000	11200.00	6.31	1.61	.36	0.	3882.05	4000.00
1.000	14700.00	7.56	1.19	.42	0.	3953.56	4000.00
1.000	19200.00	8.91	1.35	.45	0.	4034.69	4000.00

(2)

(4)









THIS RUN EXECUTED 20 JAN 82 15.13.20

\*\*\*\*\*  
 MEC2 RELEASE DATED NOV 76 UPDATED APR 1980  
 ERROR CORR - 01.02.03.04  
 MODIFICATION - 50.51.52.53.54  
 \*\*\*\*\*

T1 NEW RIVER (JACKSONVILLE)  
 T2 ONSLOW COUNTY  
 T3 FLOODWAY

J1	ICHECK	IND	NIVV	IDIR	STRT	METRIC	HVINS	Q	MSEL	FQ
	-0.	6.	-0.	-0.	-0.	-0.	-0.	-0.	7.330	-0.

J2	MPROF	IFLOT	PRFVS	XSECV	YSECH	FN	ALLDC	IBW	CHRNH	ITRACE
	15.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

IMLEG = 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 20 JAN 82 15.13.20

\*\*\*\*\*  
 HEC2 RELEASE DATED NOV 76 UPDATED APRIL 1980  
 ERROR CORR - 01.02.03.04  
 MODIFICATION - 50.51.52.53.54  
 \*\*\*\*\*

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

FLOOD

SUMMARY PRINTOUT TABLE 110

SECTO	CVSEL	DIFKWS	EG	TOPVID	QLOB	GCH	GROB	PERENC	STENCL	STCHL	STCHR	STENCR
1.14	6.33	0.	6.49	501.57	0.	14700.00	0.	0.	0.	2800.00	3325.00	0.
1.11	7.33	1.01	7.46	507.80	0.	14700.00	0.	0.	2800.00	2800.00	3325.00	3325.00
1.24	6.38	0.	6.53	501.85	0.	14700.00	0.	0.	0.	2800.00	3325.00	0.
1.20	7.36	0.99	7.49	508.06	0.	14700.00	0.	0.	2800.00	2800.00	3325.00	3325.00
1.30	6.43	0.	6.59	502.21	0.	14700.00	0.	0.	0.	2800.00	3325.00	0.
1.33	7.43	1.00	7.56	508.45	0.	14700.00	0.	0.	0.	2800.00	3325.00	0.
1.40	6.40	0.	6.62	502.39	0.	14700.00	0.	0.	0.	2800.00	3325.00	0.
1.40	7.45	0.99	7.58	508.56	0.	14700.00	0.	0.	2900.00	2800.00	3325.00	3325.00
2.10	6.96	0.	7.08	358.02	0.	14700.00	0.	0.	0.	2005.00	2400.00	0.
2.10	7.05	0.88	7.95	363.39	0.	14700.00	0.	0.	2005.00	2005.00	2400.00	2400.00
2.20	6.97	0.	7.09	358.14	0.	14700.00	0.	0.	0.	2005.00	2400.00	0.
2.20	7.06	0.88	7.95	363.45	0.	14700.00	0.	0.	2005.00	2005.00	2400.00	2400.00
2.30	6.99	0.	7.10	358.16	0.	14700.00	0.	0.	0.	2005.00	2400.00	0.
2.30	7.99	1.01	8.09	364.23	0.	14700.00	0.	0.	0.	2005.00	2400.00	0.
2.40	7.00	0.	7.11	358.23	0.	14700.00	0.	0.	0.	2005.00	2400.00	0.
2.40	8.00	1.00	8.10	364.29	0.	14700.00	0.	0.	2005.00	2005.00	2400.00	2400.00
3.10	7.15	0.	7.17	753.90	0.	14700.00	0.	0.	0.	825.00	1598.00	0.
3.10	8.11	0.98	8.15	757.89	0.	14700.00	0.	0.	825.00	825.00	1598.00	1598.00
3.20	7.14	0.	7.18	753.93	0.	14700.00	0.	0.	0.	825.00	1598.00	0.
3.20	8.11	0.98	8.15	757.91	0.	14700.00	0.	0.	825.00	825.00	1598.00	1598.00
3.30	7.14	0.	7.18	753.93	0.	14700.00	0.	0.	0.	825.00	1598.00	0.
3.30	8.14	1.00	8.18	758.01	0.	14700.00	0.	0.	0.	825.00	1598.00	0.

SECHO	CWSEL	DIFKWS	EG	TOPWID	QLOB	GCH	OROB	PERENC	STENCL	SYCHL	SYCHR	STENCR
3.400	7.14	0.	7.19	753.96	0.	14700.00	0.	0.	0.	825.00	1598.00	0.
3.400	8.14	1.00	8.18	758.03	0.	14700.00	0.	0.	825.00	825.00	1598.00	1598.00
1.000	7.56	0.	7.65	3953.51	2401.27	11090.10	608.64	0.	0.	2100.00	2500.00	0.
1.000	8.52	.96	8.63	826.15	1174.41	13525.59	0.	.18	1673.84	2100.00	2500.00	2500.00

*A*  
*1 page*

FLOODWAY DATA, FLOOD  
PROFILE NO. 2

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION	
				WITH FLOODWAY	WITHOUT DIFFERENCE FLOODWAY
1+100	758.	5106.	2.9	7.3	6.3
1+200	588.	5130.	2.9	7.4	6.4
1+300	588.	5161.	2.8	7.4	6.4
1+400	589.	5171.	2.8	7.5	6.5
2+100	373.	5676.	2.6	7.9	7.0
2+200	363.	5682.	2.6	7.9	7.0
2+300	364.	5729.	2.6	8.0	7.0
2+400	364.	5732.	2.6	8.0	7.0
3+100	758.	9313.	1.6	8.1	7.1
3+200	758.	9317.	1.6	8.1	7.1
3+300	758.	9335.	1.6	8.1	7.1
3+400	758.	9339.	1.6	8.1	7.1
1+900	853.	7952.	1.8	8.6	7.6





GR	20*6.00	1955*000	11*500	2000*000	17*500	2100*000	19*800	2300*000	26*300	3200*000
X1	1*100	14*000	1450*000	1526*000	2500*000	5300*000	5925*000	-0*	-0*	-0*
GR	32*800	-0*	29*500	50*000	29*500	1450*000	15*800	1452*000	15*300	1459*000
GR	16*400	1468*000	9*300	1480*000	10*400	1494*000	15*900	1500*000	16*000	1508*000
GR	14*400	1524*000	30*000	1526*000	30*000	1800*000	32*800	5176*000	-0*	-0*
NC	-0*	-0*	.070	.300	.500	-0*	-0*	-0*	-0*	-0*
X1	1*200	-0*	-0*	-0*	500*000	500*000	500*000	-0*	-0*	-0*
X3	10*900	-0*	-0*	-0*	-0*	-0*	-0*	28*200	-0*	-0*
SB	1*100	1*600	2*800	0*	55*000	2*000	904*000	750	12*600	12*600
X1	1*300	0*	0*	0*	31*500	31*500	31*500	-0*	-0*	-0*
X2	0*	0*	1*000	26*600	30*000	0*	0*	-0*	-0*	-0*
X3	10*000	-0*	-0*	-0*	-0*	-0*	-0*	-0*	-0*	-0*
BT	6*300	-0*	29*500	-0*	1400*000	29*500	-0*	30*000	30*000	-0*
BT	1475*000	31*600	-0*	1476*000	30*000	-0*	1800*000	1401*000	31*600	-0*
NC	-0*	-0*	.070	100	.300	-0*	-0*	30*000	-0*	-0*
QT	5*000	1703*000	3190*000	4046*000	6076*900	4046*000	-0*	-0*	-0*	-0*
X1	1*400	24*000	943*000	1033*000	100*000	100*000	100*000	-0*	-0*	-0*
GR	32*800	-0*	26*300	31*400	19*500	580*000	19*500	658*000	17*500	758*000
GR	16*500	858*000	17*000	900*000	20*500	921*000	21*500	943*000	18*500	948*000
GR	18*500	958*000	11*000	973*000	11*500	983*000	11*800	1003*000	18*500	1013*000
GR	16*400	1023*000	22*300	1033*000	14*500	1058*000	16*500	1158*000	17*000	1258*000
GR	17*500	1358*000	18*500	1458*000	26*300	2722*000	32*800	4490*000	-0*	-0*
X1	4*000	33*000	1960*000	2053*000	600*000	4000*000	4200*000	-0*	-0*	-0*
GR	32*800	-0*	28*000	1025*000	27*500	1225*000	24*500	1355*000	22*800	1425*000
GR	20*500	1525*000	20*000	1625*000	19*500	1725*000	19*500	1825*000	20*500	1925*000
GR	20*700	1930*000	25*000	1950*000	20*500	1970*000	20*300	1975*000	13*900	1985*000
GR	13*000	2300*000	13*900	2020*000	17*700	2025*000	21*500	2030*000	20*000	2040*000
GR	25*100	2053*000	24*500	2070*000	19*500	2090*000	17*500	2125*000	16*500	2200*000
GR	21*000	2225*000	22*000	2230*000	22*500	2325*000	22*600	2425*000	20*500	2565*000
GR	26*500	2825*000	26*300	6768*000	32*800	7613*000	-0*	-0*	-0*	-0*
X1	2*100	37*000	631*000	736*000	4500*000	2500*000	4000*000	-0*	-0*	-0*
GR	32*800	-0*	28*500	216*000	28*500	316*000	28*000	416*000	26*500	516*000
GR	26*400	536*000	21*500	576*000	23*500	616*000	28*500	631*000	28*800	641*000
GR	25*500	651*000	25*300	656*000	16*100	671*000	15*500	686*000	16*410	701*000
GR	23*300	716*000	23*500	726*000	25*300	736*000	25*300	746*000	23*500	751*000
GR	22*500	816*000	22*800	916*000	22*500	1016*000	23*500	1036*000	24*000	1116*000
GR	22*500	1186*000	21*500	1187*000	21*500	1216*000	22*500	1221*000	24*500	1266*000
GR	25*000	1316*000	26*000	1416*000	26*500	1516*000	26*500	1616*000	26*800	1716*000
GR	30*000	1916*000	32*800	3146*000	-0*	-0*	-0*	-0*	-0*	-0*
NC	-0*	-0*	.070	.300	.500	-0*	-0*	-0*	-0*	-0*



NC	-0-	-0-	079	200	5500	-0-	-0-	-0-	-0-	-0-	-0-
X1	3,200	25,000	497,000	600,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
X3	10,000	0	0	0	0	0	0	0	0	0	0
GR	36,000	0	35,000	109,000	35,000	34,900	34,900	34,900	34,900	34,900	34,900
GR	35,000	497,000	28,500	498,000	30,000	27,300	27,300	27,300	27,300	27,300	27,300
GR	20,500	546,000	20,100	558,000	20,500	25,700	25,700	25,700	25,700	25,700	25,700
GR	24,000	588,000	29,900	593,000	31,600	33,400	33,400	33,400	33,400	33,400	33,400
GR	35,000	700,000	35,500	800,000	36,500	37,500	37,500	37,500	37,500	37,500	37,500
SB	1,250	1,600	2,800	0	40,000	5,000	820,000	2,600	21,300	21,300	21,300
X1	4,300	0	0	0	20,000	20,000	20,000	20,000	20,000	20,000	20,000
X2	0	0	1,000	33,300	34,900	0	0	0	0	0	0
X3	15,000	0	0	0	0	0	0	0	0	0	0
BT	7,000	0	35,000	0	400,000	34,500	0	34,900	34,900	34,900	34,900
BT	6,000	34,900	0	800,000	35,500	100,000	37,500	457,000	35,000	35,000	35,000
BT	36,500	0	0	0	0	0	0	0	0	0	0
X1	3,400	27,000	1,45,000	110,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
GR	40,100	0	40,100	30,000	30,600	30,600	30,600	30,600	30,600	30,600	30,600
GR	29,500	500,000	28,500	600,000	28,600	29,100	29,100	29,100	29,100	29,100	29,100
GR	20,500	1,000,000	32,500	1,015,000	32,600	32,600	32,600	32,600	32,600	32,600	32,600
GR	25,000	1,075,000	19,400	1,093,000	20,600	20,600	20,600	20,600	20,600	20,600	20,600
GR	36,500	1,135,000	28,500	1,200,000	28,100	28,100	28,100	28,100	28,100	28,100	28,100
GR	75,000	1,500,000	39,500	1,728,000	0	0	0	0	0	0	0
NC	0	0	0	0	0	0	0	0	0	0	0
X1	7,000	29,000	110,000	1212,000	450,000	440,000	4713,000	0	0	0	0
GR	42,500	0	42,500	150,000	39,500	39,300	39,300	39,300	39,300	39,300	39,300
GR	34,500	500,000	34,500	600,000	36,200	36,200	36,200	36,200	36,200	36,200	36,200
GR	33,500	1,000,000	34,300	1,100,000	34,000	34,000	34,000	34,000	34,000	34,000	34,000
GR	32,500	1,160,000	24,300	1,179,000	23,500	24,300	24,300	24,300	24,300	24,300	24,300
GR	35,000	1,205,000	38,500	1,212,000	38,000	38,000	38,000	38,000	38,000	38,000	38,000
GR	33,500	1,400,000	36,000	1,500,000	38,500	38,500	38,500	38,500	38,500	38,500	38,500
GR	5,000	1,307,000	244,000	3169,000	5290,000	1600,000	39,400	1703,000	0	0	0
X1	5,000	32,000	1135,000	1220,000	2100,000	3500,000	2407,000	0	0	0	0
GR	45,500	0	45,500	100,000	44,800	44,800	44,800	44,800	44,800	44,800	44,800
GR	41,500	400,000	37,500	500,000	37,400	38,500	38,500	38,500	38,500	38,500	38,500
GR	38,500	900,000	37,500	1000,000	34,000	33,800	33,800	33,800	33,800	33,800	33,800
GR	39,300	1,135,000	36,500	1,140,000	36,600	32,300	32,300	32,300	32,300	32,300	32,300
GR	26,500	1,180,000	27,200	1,188,000	38,500	38,800	38,800	38,800	38,800	38,800	38,800
GR	29,500	1,235,000	34,500	1,255,000	34,800	36,000	36,000	36,000	36,000	36,000	36,000
GR	45,000	1,500,000	49,000	1,600,000	0	0	0	0	0	0	0

X1	9.000	25.000	1370.000	1120.000	4800.000	5700.000	5500.000	-0.	-0.	42.500	400.000
GR	47.500	0.	47.500	100.000	45.500	200.000	43.500	300.000	42.500	900.000	900.000
GR	41.800	500.000	40.800	600.000	40.800	700.000	40.300	800.000	40.000	1070.000	1070.000
GR	39.500	1000.000	38.500	1045.000	42.500	1055.000	42.800	1070.000	41.500	1120.000	1120.000
GR	31.000	1085.000	31.000	1090.000	35.500	1100.000	36.200	1107.000	41.000	1120.000	1120.000
GR	41.500	1200.000	40.500	1300.000	39.500	1470.000	47.500	1500.000	46.200	1630.000	1630.000
X1	4.100	21.000	750.000	600.000	45.000	3300.000	3000.000	-0.	-0.	45.500	400.000
GR	41.000	0.	41.000	150.000	42.000	225.000	46.000	350.000	45.500	400.000	400.000
GR	45.000	500.000	44.000	600.000	43.000	700.000	43.000	750.000	35.100	765.000	765.000
GR	35.200	775.000	35.100	785.000	43.000	800.000	43.000	900.000	43.500	1000.000	1000.000
GR	42.600	1100.000	43.000	1200.000	43.000	1300.000	44.000	1400.000	51.000	1600.000	1600.000
NC	-0.	-0.	.070	.500	.500	-0.	-0.	-0.	-0.	-0.	-0.
X1	4.200	12.000	530.000	562.000	500.000	500.000	500.000	-0.	-0.	47.400	400.000
X3	1.000	-0.	-0.	-0.	-0.	-0.	-0.	47.400	47.400	-0.	-0.
GR	52.000	-0.	49.000	462.000	48.900	562.000	48.900	862.000	48.800	930.000	930.000
GR	36.100	930.000	36.000	961.000	48.900	962.000	48.900	1162.000	49.000	1262.000	1262.000
GR	49.800	1362.000	52.500	2370.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.
S	1.100	1.600	2.800	0.	30.000	2.000	300.000	0.	36.000	36.000	36.000
X1	4.300	0.	0.	53.000	53.000	53.000	53.000	-0.	-0.	-0.	-0.
X2	-0.	-0.	1.000	46.000	48.900	-0.	-0.	-0.	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	48.800	48.900	-0.	-0.
BT	6.000	0.	49.000	-0.	100.000	48.900	400.000	400.000	48.900	-0.	-0.
BT	500.000	48.900	-0.	700.000	48.900	-0.	900.000	49.000	-0.	-0.	-0.
X1	4.400	10.000	205.000	945.000	100.000	100.000	100.000	-0.	-0.	48.500	390.000
GR	52.000	-0.	51.500	145.000	51.500	225.000	47.500	270.000	48.500	390.000	390.000
GR	45.000	490.000	46.800	545.000	45.000	645.000	44.800	745.000	43.500	845.000	845.000
GR	43.500	900.000	36.800	910.000	35.900	920.000	26.800	930.000	43.500	945.000	945.000
GR	43.500	1045.000	46.200	1400.000	52.800	1800.000	-0.	-0.	-0.	-0.	-0.
GR	5.000	1045.000	2011.000	2577.000	424.000	2577.000	-0.	-0.	-0.	-0.	-0.
NC	-0.	-0.	.070	.100	.300	-0.	-0.	-0.	-0.	-0.	-0.
X1	16.000	18.000	470.000	500.000	390.000	400.000	3270.000	-0.	-0.	45.500	400.000
GR	53.000	0.	53.000	170.000	49.500	200.000	46.000	300.000	45.500	400.000	400.000
GR	46.500	470.000	39.000	485.000	38.000	485.000	29.600	480.000	46.000	500.000	500.000
GR	43.000	600.000	48.000	700.000	48.500	900.000	47.000	1000.000	47.500	1100.000	1100.000
S	48.500	1200.000	50.500	1300.000	53.000	1400.000	-0.	-0.	-0.	-0.	-0.
X1	11.000	21.000	980.000	1000.000	450.000	400.000	3620.000	-0.	-0.	55.500	400.000
GR	61.500	0.	61.500	170.000	58.000	200.000	50.500	300.000	55.500	400.000	400.000
GR	54.500	500.000	49.500	590.000	49.500	690.000	45.400	700.000	48.500	760.000	760.000
GR	48.700	800.000	49.000	900.000	50.500	900.000	45.000	985.000	43.500	990.000	990.000
GR	45.000	900.000	50.000	1000.000	48.000	1100.000	48.000	1200.000	48.500	1300.000	1300.000





THIS RUN EXECUTED 31 DEC 81 09:29:31

.....  
 HEC2 RELEASE DATED NOV 76 UPDATED APR 1980  
 ERROR CORR - 0100200304  
 MODIFICATION -- 5005152053054  
 .....

T1 NEW RIVER (GOSLOW)  
 T2 ONSLOW COUNTY  
 T3 50 YEAR FLOOD

J1	ICHECK	IAA	HIRV	IDIF	STRT	MLTRIC	HVINS	G	WSEL	FG
	-0.	0.	-0.	-0.	000000	-0.	-0.	-0.	15.000	-0.
J2	1/PHCF	1/PLOT	PREVS	YSECV	YSECH	FE	ALLDC	IBV	CHWIN	ITRACE
	2.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 31 DEC 81 09:29:33

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

T1 NEW RIVER (ONSLON)  
 T2 ONSLOW COUNTY  
 T3 100 YEAR FLOOD

J1	ICHECK	IND	NINV	INDR	STRT	METRIC	HVINS	Q	WSEL	FO
	-0.	4.	-0.	-0.	000035	-0.	-0.	-0.	17.000	-0.
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLOC	IBN	CHNIM	ITRACE
	3.000	-0.	-1.000	-0.	-0.	-0.	1.000	-0.	-0.	-0.



THIS RUN EXECUTED 31 DEC 81 09:29:33

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

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T1 NEW RIVER (ON SLOW)
T2 ONSLOW COUNTY
T3 50 YEAR FLOOD

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J1	ICHECK	ING	NINV	IPR	STRT	METRIC	HVINS	Q	USEL	FO
	-0.	5.	-0.	-0.	0.000060	-0.	-0.	-0.	19.000	-0.
J2	HPROF	IFLOT	PRFVS	XSECV	XSECH	FN	ALLOD	IBW	CHNIN	ITRACE
	15.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 31 DEC 81 09.29.34

\*\*\*\*\*  
 HECR RELEASE DATED NOV 76 UPDATED APR 1980  
 ERROR CORR - 010203034  
 MODIFICATION - 505152053,54  
 \*\*\*\*\*

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

AR FLEOD

SUMMARY PRINT-OUT TABLE 100

SECTNO	XLCH	ELTRD	ELLC	ELMIN	Q	CVSEL	CRIMS	EG	10K*S	VCH	AREA	QJM
1.000	00	00	00	4.20	1754.00	21.97	6.04	21.97	.45	.89	6030.66	2606.85
1.000	00	00	00	4.20	3280.00	24.82	9.87	24.82	.38	.81	12636.67	5956.97
1.000	00	00	00	4.20	4159.00	25.52	00	25.52	.35	.89	14989.21	7047.59
1.000	00	00	00	4.20	6852.00	26.49	12.79	26.50	.61	1.21	17223.71	8772.42
2.000	4383.00	00	00	5.00	1754.00	22.02	10.16	22.02	.67	.31	12240.77	6705.93
2.000	4383.00	00	00	5.00	3280.00	24.88	12.63	24.88	.69	.47	17612.57	10870.20
2.000	4383.00	00	00	5.00	4159.00	25.59	00	25.59	.42	.47	19112.22	12089.70
2.000	4383.00	00	00	5.00	6852.00	26.63	13.73	26.63	.24	.69	21381.89	14041.58
3.000	3148.00	00	00	4.80	1754.00	22.05	10.14	22.05	.20	.52	8082.73	3923.35
3.000	3148.00	00	00	4.80	3280.00	24.92	14.10	24.92	.19	.57	14625.74	7470.55
3.000	3148.00	00	00	4.80	4159.00	25.64	00	25.64	.23	.65	16688.26	8653.62
3.000	3148.00	00	00	4.80	6852.00	26.71	15.95	26.71	.41	.89	20916.02	10713.70
4.000	5925.00	00	00	9.30	1754.00	23.64	14.86	23.72	6.52	2.24	781.57	686.80
4.000	5925.00	00	00	9.30	3280.00	27.17	16.88	27.12	9.54	3.14	1645.78	1062.16
4.000	5925.00	00	00	9.30	4159.00	28.43	00	28.63	11.87	3.65	1140.49	1266.97
4.000	5925.00	00	00	9.30	6852.00	30.51	19.41	30.81	16.83	4.65	3022.52	1676.22
5.000	500.00	00	00	9.30	1754.00	23.96	14.86	24.03	5.96	2.18	805.23	718.48
5.000	500.00	00	00	9.30	3280.00	27.64	16.88	27.78	8.65	3.83	1081.00	1115.43
5.000	500.00	00	00	9.30	4159.00	29.01	00	29.20	10.63	3.51	1184.49	1275.85
5.000	500.00	00	00	9.30	6852.00	31.32	19.42	31.46	9.53	3.61	5352.49	2219.86
6.000	31.50	30.00	26.60	9.30	1754.00	23.96	00	24.03	3.95	2.18	805.45	718.77
6.000	31.50	30.00	26.60	9.30	3280.00	27.82	00	27.96	4.32	2.99	1195.17	1137.06
6.000	31.50	30.00	26.60	9.30	4159.00	29.35	00	29.53	9.97	3.44	1219.47	1316.98
6.000	31.50	30.00	26.60	9.30	6852.00	31.32	00	31.46	8.58	3.62	5332.78	2218.89
7.000	100.00	00	00	11.50	1703.00	24.04	16.09	24.04	.21	.39	9256.81	3706.86
7.000	100.00	00	00	11.50	3190.00	27.98	17.67	27.98	.16	.36	17627.43	9972.78
7.000	100.00	00	00	11.50	4046.00	29.55	00	29.55	.49	.35	24928.58	13719.79
7.000	100.00	00	00	11.50	6676.00	31.48	18.52	31.48	.12	.45	32318.75	19306.87

SECNO	XLCH	ELTRO	FILC	ELMIN	G	CWSEL	CPINS	EG	1MK*5	VCH	AREA	*01K
4.017	4200.00	0.	0.	13.00	1703.00	24.32	17.85	24.33	.98	.73	4563.75	1716.95
4.018	4200.00	0.	0.	13.00	3190.00	28.07	19.09	28.07	.27	.50	16720.27	6135.65
4.019	4200.00	0.	0.	13.00	4046.00	29.61	0.	29.61	.15	.41	26301.71	10472.53
4.020	4200.00	0.	0.	13.00	6676.00	31.54	21.00	31.54	.14	.43	39560.49	18507.57
2.110	4000.00	0.	0.	15.50	1703.00	25.60	20.20	25.62	6.32	1.65	2047.89	677.33
2.111	4000.00	0.	0.	15.50	3190.00	20.46	23.44	28.47	2.18	1.21	5459.68	2163.49
2.112	4000.00	0.	0.	15.50	4046.00	29.86	0.	29.86	1.47	1.04	7806.09	3337.85
2.113	4000.00	0.	0.	15.50	6676.00	31.77	24.70	31.78	1.40	1.16	11978.31	5632.23
2.214	1000.00	0.	0.	16.10	1703.00	25.65	20.46	25.64	21.52	3.45	493.07	367.15
2.215	1000.00	0.	0.	16.10	3190.00	28.45	22.22	28.78	27.58	4.60	796.32	607.43
2.216	1000.00	0.	0.	16.10	4046.00	29.85	0.	30.07	19.32	4.18	1975.20	928.39
2.217	1000.00	0.	0.	16.10	6676.00	31.79	24.97	31.91	12.67	3.76	4772.34	1875.34
2.318	21.00	0.	27.40	16.10	1703.00	25.67	0.	25.85	21.39	3.45	494.04	360.24
2.319	21.00	0.	27.40	16.10	3190.00	28.54	0.	28.07	27.72	4.63	649.09	605.91
2.320	21.00	0.	27.40	16.10	4046.00	29.85	0.	30.07	19.41	4.19	1968.39	918.37
2.321	21.00	0.	27.40	16.10	6676.00	31.80	0.	31.92	12.50	3.74	4806.56	1888.23
2.422	1000.00	0.	0.	12.90	1703.00	25.92	17.38	25.93	1.28	.92	4057.76	1505.99
2.423	1000.00	0.	0.	12.90	3190.00	28.98	19.26	28.98	.54	.75	10430.00	4333.73
2.424	1000.00	0.	0.	12.90	4046.00	30.15	0.	30.15	.45	.73	13423.16	6093.75
2.425	1000.00	0.	0.	12.90	6676.00	31.96	22.96	31.96	.51	.85	18308.32	9330.39
5.026	1715.00	0.	0.	17.50	1703.00	26.90	22.39	26.93	9.14	1.91	1705.63	563.36
5.027	1715.00	0.	0.	17.50	3190.00	29.48	25.04	29.50	4.62	1.72	3485.47	1483.93
5.028	1715.00	0.	0.	17.50	4046.00	30.58	0.	30.60	3.96	1.74	4366.61	2032.71
5.029	1715.00	0.	0.	17.50	6676.00	32.45	26.25	32.47	4.40	2.00	6023.68	3182.19
6.030	2096.00	0.	0.	19.00	1480.00	28.79	23.34	28.82	7.01	1.68	1774.45	559.01
6.031	2096.00	0.	0.	19.00	2793.00	30.66	25.27	30.68	4.97	1.66	3357.35	1252.75
6.032	2096.00	0.	0.	19.00	3553.00	31.60	0.	31.62	4.22	1.66	4273.68	1729.32
6.033	2096.00	0.	0.	19.00	5899.00	33.49	28.11	33.51	3.81	1.82	6708.38	3022.84
3.104	3106.00	0.	6.	19.30	1480.00	30.81	24.83	30.83	5.20	1.49	2366.28	649.23
3.105	3106.00	0.	6.	19.30	2793.00	32.23	26.89	32.25	4.14	1.48	4267.17	1372.46
3.106	3106.00	0.	6.	19.30	3553.00	32.97	0.	32.98	3.65	1.48	5187.36	1860.93
3.107	3106.00	0.	6.	19.30	5899.00	34.72	30.18	34.74	3.21	1.59	7557.20	3294.15
3.208	1000.00	0.	0.	20.10	1480.00	30.88	24.84	31.00	18.68	2.74	539.83	342.39
3.209	1000.00	0.	0.	20.10	2793.00	32.29	26.92	32.55	12.46	4.17	625.85	490.24
3.210	1000.00	0.	0.	20.10	3553.00	33.21	0.	33.36	38.07	4.71	754.14	575.64
3.211	1000.00	0.	0.	20.10	5899.00	34.71	30.68	35.33	55.03	6.36	936.73	795.24
3.312	2000.00	0.	33.30	20.10	1480.00	30.89	0.	31.01	18.48	3.73	541.74	344.24
3.313	2000.00	0.	33.30	20.10	2793.00	32.32	0.	32.58	31.94	4.07	684.30	494.17
3.314	2000.00	0.	33.30	20.10	3553.00	33.15	0.	33.48	15.93	4.07	768.20	592.77
3.315	2000.00	0.	33.30	20.10	5899.00	34.91	0.	35.52	50.82	6.19	991.23	827.45

SECNO	YLCH	ELTRD	ELLC	ELMIN	Q	CMSL	CRMS	EG	10K*S	VCH	APEA	00IK
3.400	100.00	0.	0.	19.40	1480.00	31.08	24.92	31.10	3.78	1.54	2590.93	761.69
3.400	100.00	0.	0.	19.40	2793.00	32.69	26.99	32.70	2.89	1.52	4695.62	1643.94
3.400	100.00	0.	0.	19.40	3553.00	33.61	0.	33.62	2.39	1.47	5925.47	2297.38
3.400	100.00	0.	0.	19.40	5899.00	35.72	36.36	35.73	1.99	1.52	8558.36	4181.11
7.000	4713.00	0.	0.	23.50	1480.00	35.41	29.00	35.49	14.08	2.70	1242.79	394.01
7.000	4713.00	0.	0.	23.50	2793.00	36.67	31.33	36.72	13.13	2.74	2512.52	770.84
7.000	4713.00	0.	0.	23.50	3553.00	37.32	0.	37.36	12.39	2.35	3278.81	1009.23
7.000	4713.00	0.	0.	23.50	5899.00	38.78	35.73	38.81	10.00	2.40	5074.87	1857.90
8.000	2407.00	0.	0.	26.50	1307.00	38.12	31.29	38.16	8.33	1.93	1245.64	452.72
8.000	2407.00	0.	0.	26.50	2484.00	39.50	33.42	39.53	9.52	1.99	2438.20	805.24
8.000	2407.00	0.	0.	26.50	3169.00	40.04	0.	40.06	9.49	2.09	2968.15	1020.95
8.000	2407.00	0.	0.	26.50	5290.00	41.30	37.34	41.34	10.09	2.44	4235.75	1665.68
9.000	5500.00	0.	0.	31.00	1307.00	42.00	36.99	42.03	6.37	1.77	1882.42	517.90
9.000	5500.00	0.	0.	31.00	2484.00	43.27	39.18	43.29	5.71	1.86	3308.22	1039.73
9.000	5500.00	0.	0.	31.00	3169.00	43.80	0.	43.82	5.70	1.94	4027.71	1326.87
9.000	5500.00	0.	0.	31.00	5290.00	45.14	41.59	45.16	5.74	2.14	5621.51	2207.60
4.100	3000.00	0.	0.	35.20	1207.00	44.67	40.15	44.72	9.39	2.29	1489.52	426.43
4.100	3000.00	0.	0.	35.20	2484.00	45.85	42.09	45.89	8.92	2.00	2561.55	831.51
4.100	3000.00	0.	0.	35.20	3169.00	46.39	0.	46.42	8.77	2.08	3253.55	1069.85
4.100	3000.00	0.	0.	35.20	5290.00	47.72	44.63	47.76	8.42	2.69	4860.97	1823.01
4.200	500.00	0.	0.	36.00	1307.00	45.71	39.81	46.00	37.11	4.28	305.36	214.54
4.200	500.00	0.	0.	36.00	2484.00	47.71	41.82	48.41	78.70	6.73	369.34	280.01
4.200	500.00	0.	0.	36.00	3169.00	48.69	0.	49.67	18.27	7.91	400.76	313.36
4.200	500.00	0.	0.	36.00	5290.00	50.10	45.56	50.89	11.69	8.43	1629.67	524.60
4.300	53.00	48.9	46.00	36.00	1307.00	45.91	0.	46.19	34.93	4.19	311.98	221.15
4.300	53.00	48.9	46.00	36.00	2484.00	48.51	0.	49.12	65.48	6.29	394.78	306.96
4.300	53.00	48.9	46.00	36.00	3169.00	48.69	0.	49.67	12.27	7.91	450.75	313.36
4.300	53.00	48.9	46.00	36.00	5290.00	50.29	0.	50.89	82.44	7.66	1887.17	582.61
4.400	100.00	0.	0.	35.90	1307.00	46.34	40.77	46.31	5.62	1.47	1748.51	551.09
4.400	100.00	0.	0.	35.90	2484.00	49.33	42.79	49.33	1.51	1.03	4978.96	2021.11
4.400	100.00	0.	0.	35.90	3169.00	49.98	0.	49.99	1.62	1.12	5852.00	2490.87
4.400	100.00	0.	0.	35.90	5290.00	51.10	45.44	51.12	2.37	1.47	7444.96	3433.26
1.000	3270.00	0.	0.	38.50	1045.00	48.30	44.42	48.47	3.61	1.71	1463.57	441.16
1.000	3270.00	0.	0.	38.50	2011.00	50.24	46.33	50.26	3.34	1.53	3352.91	1101.15
1.000	3270.00	0.	0.	38.50	2577.00	50.89	0.	50.90	3.22	1.57	4094.33	1436.87
1.000	3270.00	0.	0.	38.50	4344.00	52.24	47.41	52.24	3.61	1.61	5721.67	2286.80
11.000	3830.00	0.	0.	43.50	1045.00	51.09	49.47	51.10	7.46	1.51	1744.11	382.69
11.000	3830.00	0.	0.	43.50	2011.00	52.30	49.83	52.31	6.60	1.62	2720.69	782.73
11.000	3830.00	0.	0.	43.50	2577.00	52.89	0.	52.90	6.30	1.69	3224.53	1020.12
11.000	3830.00	0.	0.	43.50	4344.00	54.33	50.34	54.31	6.47	1.91	4492.48	1714.99

SECNO	XLCH	ELTRD	ELLC	ELMIN	O	CUSEL	CRINS	EG	1MK+S	VCH	AREA	*DIK
5.100	4253.00	0.	0.	46.70	1045.00	54.31	52.14	54.32	7.41	1.33	1338.29	384.09
5.100	4253.00	0.	0.	46.70	2011.00	55.45	52.57	55.47	7.93	1.65	2178.72	714.24
5.100	4253.00	0.	0.	46.70	2577.00	55.98	0.	56.00	7.50	1.77	2642.63	916.72
5.100	4253.00	0.	0.	46.70	4344.00	57.36	52.23	57.39	7.59	2.02	4167.74	1576.88
5.200	50.00	0.	0.	45.50	1045.00	54.31	50.73	54.60	49.29	4.34	240.76	150.52
5.200	50.00	0.	0.	45.50	2011.00	55.36	52.50	56.14	109.14	7.07	284.35	192.50
5.200	50.00	0.	0.	45.50	2577.00	55.84	53.36	56.86	136.04	8.22	426.04	221.94
5.200	50.00	0.	0.	45.50	4344.00	57.37	56.91	57.75	67.33	6.57	1810.06	529.41
5.300	21.00	55.50	53.70	45.50	1045.00	54.60	0.	54.87	41.66	4.13	252.83	161.90
5.300	21.00	55.50	53.70	45.50	2011.00	55.41	0.	56.17	166.98	7.02	286.31	194.43
5.300	21.00	55.50	53.70	45.50	2577.00	55.85	0.	56.86	134.84	6.19	434.06	221.93
5.300	21.00	55.50	53.70	45.50	4344.00	57.38	0.	57.75	166.36	6.53	1823.47	533.24
5.400	100.00	0.	0.	47.00	1045.00	55.92	52.40	55.03	5.92	1.11	1525.34	466.39
5.400	100.00	0.	0.	47.00	2011.00	56.47	52.95	56.48	4.35	1.29	2710.34	964.59
5.400	100.00	0.	0.	47.00	2577.00	57.22	0.	57.23	3.87	1.32	3482.49	1309.16
5.400	100.00	0.	0.	47.00	4344.00	57.95	53.67	57.98	6.32	1.64	4367.13	1727.33
12.000	2753.00	0.	0.	49.00	714.00	57.24	53.01	57.28	9.29	2.14	745.90	234.27
12.000	2753.00	0.	0.	49.00	1402.00	58.61	55.62	58.64	9.12	2.35	1413.74	464.34
12.000	2753.00	0.	0.	49.00	1810.00	59.24	0.	59.27	6.77	2.46	1782.14	611.21
12.000	2753.00	0.	0.	49.00	3104.00	60.53	57.11	60.57	9.65	2.62	2630.53	999.37
13.000	4686.00	0.	0.	54.30	714.00	61.75	58.23	61.77	7.53	1.75	958.12	265.22
13.000	4686.00	0.	0.	54.30	1402.00	63.10	60.29	63.12	7.13	1.94	1653.82	524.96
13.000	4686.00	0.	0.	54.30	1810.00	63.69	0.	63.71	7.11	2.02	2035.08	678.92
13.000	4686.00	0.	0.	54.30	3104.00	65.15	61.24	65.17	6.82	2.23	3176.33	1187.86
14.000	2200.00	0.	0.	54.90	714.00	62.80	56.75	62.81	4.35	1.40	1210.34	342.35
14.000	2200.00	0.	0.	54.90	1402.00	64.15	60.94	64.15	4.65	1.63	2004.42	651.04
14.000	2200.00	0.	0.	54.90	1810.00	64.73	0.	64.75	4.77	1.74	2417.44	828.91
14.000	2200.00	0.	0.	54.90	3104.00	66.17	61.51	66.19	4.84	1.94	3748.73	1418.37
15.000	500.00	0.	0.	57.00	714.00	64.81	64.81	65.00	85.31	5.16	179.41	77.30
15.000	500.00	0.	0.	57.00	1402.00	65.58	64.63	66.98	100.61	6.64	454.21	135.77
15.000	500.00	0.	0.	57.00	1810.00	67.07	0.	67.36	93.44	6.05	769.27	187.28
15.000	500.00	0.	0.	57.00	3104.00	67.92	67.32	68.09	100.19	6.13	1746.23	376.25
16.000	49.00	66.3	62.8	57.80	714.00	66.45	0.	66.57	26.00	1.87	316.94	131.53
16.000	49.00	66.3	62.8	57.80	1402.00	66.70	0.	67.10	0.00	6.17	541.82	152.42
16.000	49.00	66.3	62.8	57.80	1810.00	67.07	0.	67.36	0.00	6.04	772.16	187.75
16.000	49.00	66.3	62.8	57.80	3104.00	67.92	0.	68.09	100.19	6.13	1746.23	376.25
17.000	100.00	0.	0.	61.10	714.00	67.13	67.13	67.38	130.49	5.91	244.14	63.12
17.000	100.00	0.	0.	61.10	1402.00	68.50	67.69	68.50	130.49	7.21	464.21	110.52
17.000	100.00	0.	0.	61.10	1810.00	68.25	0.	68.71	147.82	7.40	540.70	141.65
17.000	100.00	0.	0.	61.10	3104.00	69.51	68.51	69.50	182.31	8.94	1011.32	221.47

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CVSEL	CRWS	EG	10K+S	VCH	AREA	*01K
14.000	2504.00	0.	0.	61.30	714.00	69.90	67.11	69.91	4.46	1.48	1881.09	337.97
14.000	2504.00	0.	0.	61.30	1402.00	71.26	67.77	71.28	5.47	1.84	1699.26	599.43
14.000	2504.00	0.	0.	61.30	1810.00	71.84	0.	71.86	5.87	1.99	2046.55	747.01
14.000	2504.00	0.	0.	61.30	3104.00	73.20	68.73	73.23	6.375	2.35	3035.57	1194.68

*See beginning of bundle*

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**I**

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AR FLOOD

SUNMARY PRINTOUT TABLE .150

SECNO	Q	CWSEL	DIFWSP	DIFVSY	DIFKVS	TOPWID	XLCH
1.000	1754.00	21.97	0.	0.	8.97	2072.00	-0.
1.000	3280.00	24.82	2.86	0.	9.62	2582.38	-0.
1.000	4159.00	25.52	.70	0.	8.52	2713.16	-0.
1.000	6852.00	26.49	.97	0.	7.49	2914.00	-0.
2.000	1754.00	22.02	0.	.05	0.	1786.25	4383.00
2.000	3280.00	24.88	2.86	.06	0.	2053.18	4383.00
2.000	4159.00	25.59	.71	.07	0.	2139.28	4383.00
2.000	6852.00	26.63	1.03	.14	0.	2225.00	4383.00
3.000	1754.00	22.05	0.	.03	0.	1806.43	3148.00
3.000	3280.00	24.92	2.86	.04	0.	2748.98	3148.00
3.000	4159.00	25.64	.72	.04	0.	2985.03	3148.00
3.000	6852.00	26.71	1.07	.08	0.	3200.00	3148.00
4.100	1754.00	23.64	0.	1.59	0.	74.33	5925.00
4.100	3280.00	27.17	3.43	2.25	0.	75.30	5925.00
4.100	4159.00	28.42	1.05	2.79	0.	75.64	5925.00
4.100	6852.00	30.51	2.09	3.81	0.	2323.03	5925.00
1.200	1754.00	23.96	0.	.32	0.	74.42	500.00
1.200	3280.00	27.64	3.68	.47	0.	75.42	500.00
1.200	4159.00	29.01	1.37	.59	0.	75.80	500.00
1.200	6852.00	31.32	2.31	.80	0.	3371.64	500.00
1.300	1754.00	23.96	0.	.03	0.	74.42	31.50
1.300	3280.00	27.82	3.87	.19	0.	75.48	31.50
1.300	4159.00	29.35	1.52	.34	0.	75.89	31.50
1.300	6852.00	31.32	1.97	.00	0.	3364.50	31.50
1.400	1754.00	24.04	0.	.08	0.	2150.05	100.00
1.400	3190.00	27.98	3.94	.15	0.	3155.41	100.00
1.400	4046.00	29.55	1.57	.20	0.	3590.50	100.00
1.400	6676.00	31.44	1.93	.16	0.	4124.44	100.00
4.000	1754.00	24.32	0.	.28	0.	1215.34	4200.00
4.000	3190.00	28.07	3.74	.09	0.	5986.77	4200.00
4.000	4046.00	29.61	1.54	.05	0.	6513.43	4200.00
4.000	6676.00	31.54	1.93	.06	0.	7178.76	4200.00
2.100	1703.00	25.60	0.	1.27	0.	833.61	4000.00
2.100	3190.00	28.46	2.87	.39	0.	1483.56	4000.00
2.100	4046.00	29.86	1.40	.25	0.	1759.18	4000.00
2.100	6676.00	31.77	1.92	.24	0.	2643.56	4000.00



SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
2.200	1703.00	25.65	0.	.06	0.	66.49	100.00
2.200	3190.00	28.45	2.80	.01	0.	307.80	100.00
2.200	4046.00	29.85	1.40	.00	0.	1124.77	100.00
2.200	6676.00	31.79	1.93	.01	0.	1786.43	100.00
2.300	1703.00	25.67	0.	.01	0.	66.50	21.00
2.300	3190.00	28.54	2.87	.09	0.	69.59	21.00
2.300	4046.00	29.85	1.31	.00	0.	1122.69	21.00
2.300	6676.00	31.80	1.95	.01	0.	1793.01	21.00
2.400	1703.00	25.92	0.	.26	0.	1294.92	100.00
2.400	3190.00	28.98	3.06	.44	0.	2499.96	100.00
2.400	4046.00	30.15	1.17	.29	0.	2619.10	100.00
2.400	6676.00	31.96	1.81	.16	0.	2773.35	100.00
5.000	1703.00	26.90	0.	.98	0.	584.41	1715.00
5.000	3190.00	29.48	2.58	.50	0.	792.87	1715.00
5.000	4046.00	30.58	1.10	.47	0.	823.21	1715.00
5.000	6676.00	32.45	1.87	.49	0.	982.47	1715.00
6.000	1489.00	28.79	0.	1.89	0.	742.59	2096.00
6.000	2793.00	30.66	1.87	1.18	0.	934.07	2096.00
6.000	3553.00	31.60	.94	1.02	0.	1027.40	2096.00
6.000	5899.00	33.49	1.89	1.05	0.	1505.84	2096.00
3.100	1489.00	30.81	0.	2.02	0.	1280.50	3106.00
3.100	2793.00	32.23	1.42	1.57	0.	1315.34	3106.00
3.100	3553.00	32.97	.74	1.37	0.	1329.36	3106.00
3.100	5899.00	34.72	1.75	1.23	0.	1379.17	3106.00
3.200	1489.00	30.88	0.	.07	0.	98.23	100.00
3.200	2793.00	32.29	3.41	.06	0.	100.96	100.00
3.200	3553.00	33.61	.72	.04	0.	101.48	100.00
3.200	5899.00	34.71	1.69	.02	0.	194.21	100.00
3.300	1489.00	30.69	0.	.01	0.	98.29	20.00
3.300	2793.00	32.32	1.42	.03	0.	100.99	20.00
3.300	3553.00	33.15	.83	.13	0.	101.57	20.00
3.300	5899.00	34.93	1.78	.22	0.	339.53	20.00
3.400	1489.00	31.08	0.	.19	0.	1285.65	100.00
3.400	2793.00	32.65	1.61	.37	0.	1333.68	100.00
3.400	3553.00	33.61	.92	.46	0.	1348.08	100.00
3.400	5899.00	35.72	2.11	.61	0.	1460.73	100.00
7.000	1469.00	35.41	0.	4.33	0.	657.63	4713.00
7.000	2793.00	36.67	1.20	3.97	0.	1113.58	4713.00
7.000	2553.00	37.52	.65	3.71	0.	1184.16	4713.00
7.000	5899.00	38.78	1.45	3.05	0.	1317.70	4713.00

SECHO	0	CNSEL	DIFWSP	IFWSX	DIFKVS	TOPWID	XLCH
6.000	1307.00	38.12	0.	2.71	0.	657.00	2407.00
8.000	2484.00	39.55	1.38	2.83	0.	941.44	2407.00
8.000	3169.00	40.04	.55	2.72	0.	979.64	2407.00
8.000	5290.00	41.38	1.26	2.53	0.	1030.57	2407.00
9.000	1307.00	42.00	0.	3.88	0.	1045.93	5500.00
9.000	2484.00	43.27	1.27	3.78	0.	1240.70	5500.00
9.000	3169.00	43.87	.53	3.76	0.	1282.67	5500.00
9.000	5290.00	45.14	1.34	3.84	0.	1397.19	5500.00
4.000	1307.00	44.67	0.	2.67	0.	886.35	3000.00
4.000	2484.00	45.05	1.18	2.58	0.	1088.83	3000.00
4.000	3169.00	46.39	.53	2.58	0.	1142.41	3000.00
4.000	5290.00	47.72	1.34	2.58	0.	1284.08	3000.00
4.000	1307.00	45.71	0.	1.04	0.	31.85	500.00
4.000	2484.00	47.71	2.30	1.86	0.	31.95	500.00
4.000	3169.00	48.69	.98	2.31	0.	31.99	500.00
4.000	5290.00	50.10	1.40	2.35	0.	1279.85	500.00
4.000	1307.00	45.91	0.	.20	0.	31.86	53.00
4.000	2484.00	48.51	2.59	.80	0.	31.99	53.00
4.000	3169.00	48.69	.19	-.05	0.	31.99	53.00
4.000	5290.00	50.29	1.59	.19	0.	1362.64	53.00
4.000	1307.00	46.34	0.	.42	0.	872.60	100.00
4.000	2484.00	49.33	2.99	.62	0.	1298.66	100.00
4.000	3169.00	49.98	.65	1.28	0.	1369.71	100.00
4.000	5290.00	51.10	1.12	.82	0.	1463.17	100.00
10.000	1045.00	48.30	0.	2.04	0.	735.14	3270.00
10.000	2111.00	50.24	1.86	.91	0.	1117.67	3270.00
10.000	3277.00	50.89	.65	.91	0.	1155.24	3270.00
10.000	4344.00	52.24	1.35	1.14	0.	1248.10	3270.00
10.000	1045.00	51.09	0.	2.71	0.	823.29	3830.00
10.000	2111.00	52.31	1.22	2.07	0.	850.62	3830.00
10.000	3277.00	52.89	.59	2.00	0.	863.84	3830.00
10.000	4344.00	54.33	1.44	2.09	0.	896.26	3830.00
5.000	1045.00	54.31	0.	3.22	0.	627.06	4253.00
5.000	2111.00	55.05	1.14	3.14	0.	833.53	4253.00
5.000	3277.00	55.98	.53	3.09	0.	897.12	4253.00
5.000	4344.00	57.36	1.38	3.03	0.	1194.39	4253.00
5.000	1045.00	54.31	0.	.64	0.	40.85	50.00
5.000	2111.00	55.06	1.06	-.18	0.	41.82	50.00
5.000	3277.00	55.84	.48	-.14	0.	540.05	50.00
5.000	4344.00	57.37	1.53	.03	0.	1112.63	50.00

SECNO	Q	CASEL	DIFWSP	DIFWSX	DIFKUS	TOPMID	XLCH
5.300	1045.00	54.60	0.	.39	0.	41.12	21.00
5.300	2013.00	55.41	.81	.05	0.	41.86	21.00
5.300	2577.00	55.65	.44	.01	0.	546.56	21.00
5.300	4344.00	57.38	1.52	.01	0.	1104.98	21.00
5.400	1045.00	55.02	0.	.42	0.	665.45	100.00
5.400	2013.00	56.47	1.45	1.36	0.	982.20	100.00
5.400	2577.00	57.22	.75	1.37	0.	1132.51	100.00
5.400	4344.00	57.95	.73	.58	0.	1263.00	100.00
12.200	714.00	57.24	0.	2.21	0.	395.84	2753.00
12.200	1402.00	58.61	1.37	2.14	0.	567.40	2753.00
12.200	1810.00	59.24	.62	2.02	0.	685.53	2753.00
12.200	3104.00	60.53	1.23	2.50	0.	722.97	2753.00
13.000	714.00	61.75	0.	4.52	0.	454.22	4686.00
13.000	1402.00	63.16	1.35	4.49	0.	602.76	4686.00
13.000	1810.00	63.69	.59	4.45	0.	667.87	4686.00
13.000	3104.00	65.15	1.06	4.62	0.	966.79	4686.00
6.100	714.00	62.60	0.	1.05	0.	530.25	2200.00
6.100	1402.00	64.14	1.34	1.04	0.	663.31	2200.00
6.100	1810.00	64.73	.59	1.05	0.	722.90	2200.00
6.100	3104.00	66.17	1.44	1.03	0.	1068.91	2200.00
6.200	714.00	64.90	0.	2.02	0.	38.60	500.00
6.200	1402.00	66.56	1.68	2.04	0.	550.23	500.00
6.200	1810.00	67.03	.45	2.31	0.	837.35	500.00
6.200	3104.00	67.92	.89	1.75	0.	1304.14	500.00
6.300	714.00	66.45	0.	1.55	0.	456.86	4900
6.300	1402.00	67.72	.27	.15	0.	645.09	4900
6.300	1810.00	67.95	.31	.03	0.	839.22	4900
6.300	3104.00	67.92	.39	.07	0.	1304.06	4900
6.400	714.00	67.12	0.	.68	0.	240.26	100.00
6.400	1402.00	67.88	.75	1.16	0.	281.59	100.00
6.400	1810.00	68.20	.36	1.21	0.	361.51	100.00
6.400	3104.00	69.13	.78	1.11	0.	544.54	100.00
14.000	714.00	69.9	0.	2.76	0.	387.10	2504.00
14.000	1402.00	71.26	1.36	3.37	0.	557.27	2504.00
14.000	1810.00	71.84	.58	3.66	0.	634.77	2504.00
14.000	3104.00	73.20	1.36	4.18	0.	831.94	2504.00

→ See beginning of bundle

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 HEC2 RELEASE DATED NOV 76 UPDATED APR1 1980  
 ERROR CORR - 01,02,03,04  
 MODIFICATION - 50,51,52,53,54  
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T1 NEW RIVER  
 T2 ONSLOW CO. N. CAROLINA  
 T3 10-YR FLOOD

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	G	WSEL	FG
	0	2	0	0	0.000045	0.00	0.0	0.0	13.000	0.000

J2	INPROF	IPLDT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	1.000	0.000	-1.000	0.000	0.000	0.000	-1.000	0.000	0.000	0.000

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

	150.000	201.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
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J5 LPRNT NUMSEC \*\*\*\*\*#REQUESTED SECTION NUMBERS\*\*\*\*\*

	-10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
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	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
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NC	0.120	0.120	0.070	0.100	0.300	0.000	0.000	0.000	0.000	0.000
QT	5.500	1754.000	3280.000	4159.000	6852.000	4159.000	0.000	0.000	0.000	0.000

X1	1.000	22.000	340.000	400.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	24.500	0.000	23.500	100.000	23.600	200.000	23.500	249.000	18.200	300.000
GR	14.500	320.000	12.500	340.000	4.700	352.000	4.200	374.000	4.500	374.000
GR	9.800	400.000	9.000	412.000	14.000	421.000	22.000	449.000	21.500	477.000
GR	17.000	487.000	18.500	500.000	20.500	600.000	17.500	700.000	19.500	800.000
GR	19.500	2010.000	24.500	2914.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	2.000	19.000	959.000	1002.000	3700.000	4500.000	4480.000	0.000	0.000	0.000
X4	1.000	5.400	779.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	26.500	0.000	20.700	227.000	18.200	302.000	11.500	402.000	12.500	602.000
GR	12.500	652.000	12.500	702.000	13.300	802.000	12.800	902.000	13.500	958.000
GR	6.000	946.000	9.000	956.000	6.400	977.000	12.200	1002.000	10.700	1102.000
GR	10.500	1202.000	13.800	1302.000	15.900	1402.000	26.300	2225.000	0.000	0.000

X1	3.000	1855.000	1700.000	2200.000	3400.000	3600.000	0.000	0.000	0.000
GR	26.300	0.000	1100.000	20.500	1150.000	20.500	1200.000	19.500	1250.000
GR	19.300	1300.000	1400.000	14.500	1450.000	13.000	1500.000	13.500	1600.000
GR	13.000	1700.000	1800.000	14.500	1855.000	7.600	1865.000	5.500	1864.000
GR	4.800	1880.000	1895.000	7.600	1896.000	13.500	1900.000	13.300	1940.000
GR	20.600	1955.000	2000.000	17.500	2100.000	19.800	2300.000	26.300	3200.000
X1	1.100	1450.000	1526.000	4000.000	5200.000	5800.000	0.000	0.000	0.000
GR	32.800	0.000	50.000	29.500	1450.000	15.800	1452.000	15.300	1459.000
GR	10.400	1468.000	1480.000	10.400	1474.000	15.900	1500.000	16.000	1508.000
GR	14.400	1524.000	1526.000	30.000	1800.000	32.800	5176.000	0.000	0.000
NC	0.000	0.000	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	1.200	0.000	0.000	100.000	100.000	100.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	28.300	28.300	0.000
5B	1.100	1.600	0.000	55.000	2.000	904.000	0.750	12.600	12.600
X1	1.300	0.000	0.000	31.500	31.500	31.500	0.000	0.000	0.000
X2	0.000	0.000	26.600	30.000	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	30.000	30.000	2.000
BT	6.000	0.000	0.000	1400.000	29.500	0.000	1401.000	31.600	0.000
BT	1475.000	31.600	1476.000	30.000	0.000	1800.000	30.000	0.000	0.000
NC	0.000	0.000	0.100	0.300	0.000	0.000	0.000	0.000	0.000
GT	5.000	1703.000	4046.000	6675.000	4046.000	0.000	0.000	0.000	0.000
X1	1.400	24.000	1033.000	100.000	100.000	100.000	0.000	0.000	0.000
GR	32.300	0.000	314.000	19.500	558.000	19.500	658.000	17.500	758.000
GR	16.500	858.000	900.000	20.500	921.000	21.500	943.000	18.500	948.000
GR	18.500	958.000	973.000	11.500	983.000	11.800	1003.000	18.500	1013.000
GR	18.400	1023.000	1033.000	14.500	1058.000	16.500	1158.000	17.000	1250.000
GR	17.500	1358.000	1458.000	26.300	2722.000	32.800	4490.000	0.000	0.000
X1	4.000	33.000	2053.000	4200.000	3500.000	3900.000	0.000	0.000	0.000
GR	32.800	0.000	1025.000	27.500	1225.000	24.500	1355.000	22.800	1425.000
GR	20.500	1525.000	1625.000	17.500	1725.000	19.500	1825.000	20.500	1925.000
GR	20.700	1930.000	1960.000	20.500	1970.000	20.300	1975.000	13.700	1985.000
GR	13.000	2000.000	2020.000	17.700	2020.000	21.900	2030.000	20.000	2040.000
GR	25.000	2053.000	2070.000	19.500	2090.000	17.500	2125.000	16.500	2200.000
GR	21.000	2225.000	2230.000	22.500	2325.000	22.600	2425.000	20.500	2565.000
GR	26.500	2625.000	6768.000	32.800	7613.000	0.000	0.000	0.000	0.000
X1	2.100	37.000	736.000	5500.000	4000.000	4200.000	0.000	0.000	0.000
GR	32.300	0.000	216.000	28.500	316.000	28.000	416.000	26.500	516.000
GR	26.400	336.000	376.000	23.500	616.000	28.500	631.000	28.800	641.000
GR	25.500	651.000	656.000	16.100	671.000	15.500	685.000	16.410	701.000
GR	23.000	716.000	726.000	25.500	736.000	25.300	746.000	23.500	751.000



X1	3.100	26.000	1025.000	1110.000	3200.000	2200.000	3106.000	0.000	0.000	0.000
GR	40.000	0.000	40.000	30.000	30.500	100.000	30.400	200.000	29.500	300.000
GR	29.500	500.000	28.500	600.000	28.500	700.000	29.800	800.000	28.700	900.000
GR	20.500	1000.000	32.500	1015.000	20.500	1025.000	27.500	1035.000	30.500	1045.000
GR	30.500	1075.000	19.300	1083.000	28.000	1095.000	27.500	1100.000	34.600	1110.000
GR	32.500	1135.000	28.500	1200.000	0.000	1300.000	0.000	1390.000	0.000	1435.000
NC	0.000	0.000	0.000	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	3.200	25.000	497.000	600.000	100.000	100.000	100.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	34.000	34.000	0.000
GR	35.000	0.000	35.000	100.000	35.000	200.000	34.500	300.000	34.500	400.000
GR	33.000	497.000	28.500	498.000	30.000	518.000	27.300	525.000	25.500	532.000
GR	20.500	545.000	20.100	558.000	20.500	568.000	25.700	575.000	26.200	582.000
GR	29.000	588.000	29.900	593.000	31.600	598.000	33.400	599.000	34.900	600.000
GR	35.000	700.000	35.500	800.000	36.500	900.000	37.500	1000.000	38.500	1200.000
SB	1.050	1.600	2.800	0.000	40.000	5.000	820.000	2.630	21.300	21.300
X1	3.300	0.000	0.000	0.000	20.000	20.000	20.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	53.300	34.900	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	34.900	34.900	0.000
BT	7.000	0.000	35.000	0.000	400.000	34.500	0.000	497.000	35.000	0.000
BT	600.000	34.900	0.000	800.000	35.500	0.000	1000.000	37.500	0.000	1200.000
BT	38.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	3.400	27.000	1015.000	1100.000	100.000	100.000	100.000	0.000	0.000	0.000
GR	40.100	0.000	40.100	30.000	30.600	100.000	30.500	200.000	29.600	300.000
GR	29.500	500.000	28.600	600.000	28.600	700.000	29.100	800.000	29.000	900.000
GR	20.500	1000.000	32.500	1015.000	32.600	1025.000	29.700	1035.000	29.800	1045.000
GR	30.600	1075.000	19.400	1083.000	20.600	1095.000	27.600	1100.000	30.600	1110.000
GR	35.300	1500.000	39.500	1200.000	28.100	1300.000	29.300	1390.000	34.700	1435.000
NC	0.000	0.000	0.000	0.100	0.300	0.000	0.000	0.000	0.000	0.000
X1	7.000	29.000	1130.000	1212.000	6000.000	4200.000	4780.000	0.000	0.000	0.000
GR	42.500	0.000	42.500	150.000	39.500	200.000	39.300	300.000	39.500	400.000
GR	34.500	500.000	34.500	600.000	34.200	700.000	35.500	800.000	34.800	900.000
GR	32.500	1000.000	34.300	1100.000	34.000	1115.000	37.300	1130.000	36.800	1150.000
GR	32.000	1160.000	24.300	1170.000	23.500	1180.000	24.300	1190.000	34.500	1200.000
GR	33.000	1205.000	38.500	1212.000	38.000	1225.000	34.200	1235.000	34.300	1300.000
GR	33.500	1400.000	36.000	1500.000	38.500	1600.000	39.400	1703.000	0.000	0.000
GT	5.000	1307.000	2484.000	3169.000	5290.000	3169.000	0.000	0.000	0.000	0.000

X1	8.000	1135.000	1220.000	2200.000	2390.000	0.000	0.000	0.000
GR	45.500	45.300	100.000	200.300	44.500	300.000	44.500	375.000
GR	41.500	37.500	500.000	600.000	38.500	703.000	37.500	800.000
GR	38.500	37.800	1000.000	1100.000	33.800	1115.000	38.500	1120.000
GR	39.300	36.500	1140.000	1155.000	32.300	1162.000	37.200	1165.000
GR	26.500	1180.000	1188.000	1200.000	38.800	1212.000	37.600	1220.000
GR	37.500	1235.000	1255.000	1300.000	36.000	1390.000	39.000	1400.000
GR	45.500	1500.000	1600.000	0.000	0.000	0.000	0.000	0.000
X1	7.000	1070.000	1120.000	5200.000	5500.000	0.000	0.000	0.000
GR	47.500	47.500	100.000	200.000	43.500	300.000	42.500	400.000
GR	41.800	40.500	600.000	700.000	40.300	800.000	40.000	900.000
GR	39.500	1000.000	1045.000	1055.000	42.800	1070.000	31.600	1078.000
GR	31.000	1085.000	1070.000	1100.000	36.200	1107.000	41.000	1120.000
GR	41.500	1200.000	1300.000	1400.000	40.500	1500.000	46.200	1630.000
X1	4.100	750.000	800.000	3200.000	2880.000	0.000	0.000	0.000
GR	51.000	49.000	150.000	225.000	46.000	350.000	45.500	400.000
GR	45.000	500.000	600.000	700.000	43.000	790.000	36.100	765.000
GR	35.100	775.000	785.000	800.000	43.000	900.000	43.500	1000.000
GR	42.600	1100.000	1200.000	1300.000	44.000	1400.000	51.000	1600.000
NC	0.000	0.000	0.300	0.000	0.000	0.000	0.000	0.000
X1	4.200	12.000	962.000	120.000	120.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	47.400	47.400	0.000
GR	52.500	0.000	462.000	562.000	48.500	862.000	48.800	930.000
GR	36.100	930.500	961.900	962.000	48.900	1162.000	49.000	1262.000
GR	47.300	1362.000	2300.000	0.000	0.000	0.000	0.000	0.000
SB	1.100	2.800	30.000	2.000	300.000	0.000	36.000	36.000
X1	4.300	0.000	0.000	53.000	53.000	0.000	0.000	0.000
X2	0.000	0.000	46.000	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	48.800	48.700	0.000
BT	5.000	52.500	462.000	48.900	0.000	562.000	48.900	0.000
BT	1262.000	47.000	2300.000	52.500	0.000	0.000	0.000	0.000
X1	4.400	18.000	945.000	100.000	100.000	0.000	0.000	0.000
GR	52.500	0.000	145.000	225.000	47.500	270.000	48.500	390.000
GR	46.500	495.000	545.000	645.000	44.400	745.000	43.500	845.000
GR	43.500	900.000	910.000	920.000	36.600	930.000	43.500	945.000
GR	43.500	1045.000	1400.000	1800.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.100	0.000	0.000	0.000	0.000	0.000



X1	10,000	18,000	470,000	300,000	3200,000	3780,000	0,000	0,000	0,000
GR	53,000	0,000	53,000	100,000	200,000	46,000	300,000	45,500	100,000
GR	46,500	470,000	39,600	475,000	485,000	39,600	490,000	46,000	500,000
GR	43,500	600,000	48,500	700,000	900,000	47,900	1,040,000	47,500	1,100,000
GR	48,500	1200,000	50,500	1300,000	1400,000	0,000	0,000	0,000	0,000
X1	11,000	21,000	980,000	1000,000	3700,000	3830,000	0,000	0,000	0,000
GR	60,500	0,000	60,500	100,000	200,000	56,500	300,000	55,500	400,000
GR	54,500	500,000	49,500	550,000	600,000	49,400	700,000	48,500	760,000
GR	48,700	800,000	49,000	900,000	980,000	43,300	985,000	43,500	992,000
GR	45,300	998,000	50,300	1000,000	1100,000	48,500	1200,000	48,500	1325,000
GR	54,500	1400,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
X1	5,100	16,000	786,000	886,000	3400,000	3900,000	0,000	0,000	0,000
GR	59,400	0,000	59,400	386,000	436,000	93,300	686,000	50,500	786,000
GR	52,500	861,000	46,800	866,000	871,000	46,800	876,000	51,300	886,000
GR	52,000	986,000	51,800	1086,000	1136,000	53,900	1186,000	56,700	1286,000
GR	59,400	1652,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
NC	0,000	0,000	0,000	0,300	0,000	0,000	0,000	0,000	0,000
X1	5,200	20,000	825,000	867,000	50,000	50,000	0,000	0,000	0,000
X3	10,000	0,000	0,000	0,000	0,000	0,000	0,000	54,600	0,000
GR	59,400	0,000	56,200	367,000	417,000	54,000	467,000	55,600	567,000
GR	55,500	667,000	55,500	825,000	827,000	47,300	837,000	47,000	842,000
GR	45,500	847,000	47,000	894,000	899,000	51,200	864,000	52,000	865,000
GR	55,600	867,000	55,600	967,000	1167,000	56,500	1267,000	59,400	1496,000
SB	1,100	1,600	2,800	0,000	1,000	220,000	0,950	48,200	48,200
X1	5,100	0,000	0,000	0,000	21,000	21,000	0,000	0,000	0,000
X2	0,000	0,000	1,000	53,700	0,000	0,000	0,000	0,000	0,000
X3	10,000	0,000	0,000	0,000	0,000	0,000	55,500	55,500	0,000
BT	8,000	0,000	59,400	0,000	56,200	0,000	467,000	56,000	0,000
BT	667,000	55,500	0,000	967,000	0,000	1067,000	55,800	0,000	1267,000
BT	56,500	0,000	1496,000	59,400	0,000	0,000	0,000	0,000	0,000
X1	5,400	16,000	982,000	1107,000	100,000	100,000	0,000	0,000	0,000
GR	59,400	0,000	55,500	507,000	557,000	53,800	807,000	51,000	907,000
GR	53,000	982,000	47,100	987,000	992,000	47,100	997,000	51,800	1007,000
GR	52,300	1107,000	52,300	1207,000	1257,000	56,200	1307,000	57,000	1407,000
GR	59,400	1519,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
GT	5,000	714,000	1402,000	1810,000	1810,000	0,000	0,000	0,000	0,000
NC	0,000	0,000	0,000	0,100	0,000	0,000	0,000	0,000	0,000





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

T1 NEW RIVER  
 T2 ONSLOW CO.  
 T3 50-YR FLOOD

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	G	WSEL	FG
	0.	3.	0.	0.	0.000030	0.00	0.0	0.	15.000	0.000
J2	NPROF	IPLDT	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

HLREQ = 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  
 \*\*\*\*\*

T1 NEW RIVER  
 T2 DNSLOW CO.  
 T3 100-YR FLOOD

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	G	MSEL	FG
J2	NPROF	IPL0T	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
	0.	4.	0.	0.	0.000035	0.00	0.0	0.00	17.000	0.000

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

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

T1 NEW RIVER  
 T2 DNSLOW CD.  
 T3 500-YEAR FLOOD

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVING	G	WSEL	F0
J2	NPROF	IPLDT	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

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

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 HEC2 RELEASE DATED NOV 76 UPDATED APR 1980  
 ERROR CORR - 01,02,03,04  
 MODIFICATION - 50,51,52,53,54  
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NOTE- ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

FLOOD

SUMMARY PRINTOUT TABLE 150

SECD	XLCH	ELTRD	ELLC	ELMIN	Q	CMSEL	CRIMS	EO	10K*B	VCH	AREA	FOIK
1.000	0.00	0.00	0.00	4.20	1754.00	21.97	8.04	21.97	0.45	0.89	6030.67	2606.85
1.000	0.00	0.00	0.00	4.20	3280.00	24.82	9.87	24.82	0.30	0.81	12636.67	5594.47
1.000	0.00	0.00	0.00	4.20	4159.00	25.52	10.72	25.52	0.35	0.89	14480.21	7047.59
1.000	0.00	0.00	0.00	4.20	6852.00	26.49	12.79	26.50	0.61	1.21	17223.71	8772.42
2.000	4480.00	0.00	0.00	5.00	1754.00	22.02	10.16	22.02	0.07	0.31	12248.25	6711.43
2.000	4480.00	0.00	0.00	5.00	3280.00	24.89	12.63	24.89	0.09	0.40	17634.36	10879.91
2.000	4480.00	0.00	0.00	5.00	4159.00	25.60	12.97	25.60	0.12	0.47	19128.19	12102.96
2.000	4480.00	0.00	0.00	5.00	6852.00	26.64	13.73	26.64	0.24	0.69	21414.24	14071.40
3.000	3600.00	0.00	0.00	4.80	1754.00	22.06	10.14	22.06	0.20	0.52	8097.33	3930.96
3.000	3600.00	0.00	0.00	4.80	3280.00	24.93	14.10	24.93	0.19	0.57	14632.33	7474.28
3.000	3600.00	0.00	0.00	4.80	4159.00	25.65	14.74	25.65	0.23	0.65	16701.83	8661.90
3.000	3600.00	0.00	0.00	4.80	6852.00	26.73	15.59	26.73	0.40	0.89	20096.60	10768.83
1.100	5800.00	0.00	0.00	9.30	1754.00	23.72	14.86	23.80	6.37	2.23	787.74	693.02
1.100	5800.00	0.00	0.00	9.30	3280.00	27.29	16.88	27.44	9.30	3.11	1094.75	1078.66
1.100	5800.00	0.00	0.00	9.30	4159.00	28.57	17.56	28.77	11.55	3.61	1151.27	1223.74
1.100	5800.00	0.00	0.00	9.30	6852.00	30.62	19.41	30.90	15.68	4.51	3298.06	1730.41
1.200	100.00	0.00	0.00	9.30	1754.00	23.79	14.86	23.86	6.25	2.21	792.58	701.49
1.200	100.00	0.00	0.00	9.30	3280.00	27.38	16.88	27.53	9.11	3.09	1041.96	1086.55
1.200	100.00	0.00	0.00	9.30	4159.00	28.69	17.56	28.88	11.29	3.58	1160.26	1237.79
1.200	100.00	0.00	0.00	9.30	6852.00	30.82	19.41	31.05	13.74	4.26	3820.95	1848.52
1.300	31.50	30.00	26.60	9.30	1754.00	23.79	0.00	23.86	6.25	2.21	792.81	701.79
1.300	31.50	30.00	26.60	9.30	3280.00	27.02	0.00	27.53	8.77	3.09	1075.73	1107.43
1.300	31.50	30.00	26.60	9.30	4159.00	29.02	0.00	29.21	10.60	3.91	1185.62	1277.63
1.300	31.50	30.00	26.60	9.30	6852.00	30.82	0.00	31.05	13.74	4.26	3820.77	1848.48
1.400	100.00	0.00	0.00	11.50	1703.00	23.88	16.09	23.88	0.24	0.42	8503.57	3441.83
1.400	100.00	0.00	0.00	11.50	3190.00	27.73	17.68	27.73	0.19	0.39	17522.13	8957.60
1.400	100.00	0.00	0.00	11.50	4046.00	29.23	17.95	29.23	0.11	0.39	22195.37	12174.62
1.400	100.00	0.00	0.00	11.50	6676.00	31.08	18.57	31.08	0.15	0.50	28924.14	17000.67

SECNO	XLCH	ELTRD	ELLC	ELMIN	CHSEL	CRINS	EQ	10K*8	VCH	AREA	QIK
4.000	3900.00	0.00	0.00	13.00	1703.00	24.14	17.84	1.13	0.77	4336.71	1609.89
4.000	3900.00	0.00	0.00	13.00	3190.00	27.81	19.12	0.33	0.94	15219.33	5566.49
4.000	3900.00	0.00	0.00	13.00	4046.00	29.29	20.27	0.18	0.44	24280.83	9453.32
4.000	3900.00	0.00	0.00	13.00	6676.00	31.14	21.13	0.17	0.47	36710.80	16263.97
2.100	4200.00	0.00	0.00	15.50	1703.00	25.67	20.18	5.88	1.61	2112.37	702.27
2.100	4200.00	0.00	0.00	15.50	3190.00	28.38	23.44	2.30	1.23	5336.95	2102.42
2.100	4200.00	0.00	0.00	15.50	4046.00	29.69	23.87	1.64	1.08	7489.74	3160.85
2.100	4200.00	0.00	0.00	15.50	6676.00	31.52	24.72	1.60	1.22	11313.79	5273.83
2.200	100.00	0.00	0.00	16.10	1703.00	25.73	20.45	20.94	3.42	497.30	371.94
2.200	100.00	0.00	0.00	16.10	3190.00	28.38	22.22	28.38	4.45	772.82	598.80
2.200	100.00	0.00	0.00	16.10	4046.00	29.67	22.99	21.99	4.41	1778.62	862.83
2.200	100.00	0.00	0.00	16.10	6676.00	31.53	24.98	18.24	4.07	4328.32	1710.34
2.300	21.00	29.00	27.40	16.10	1703.00	25.74	0.00	20.77	3.41	498.86	373.71
2.300	21.00	29.00	27.40	16.10	3190.00	28.49	0.00	28.17	4.65	685.45	601.22
2.300	21.00	29.00	27.40	16.10	4046.00	29.67	0.00	22.11	4.42	1770.32	860.44
2.300	21.00	29.00	27.40	16.10	6676.00	31.53	0.00	18.18	4.06	4240.87	1714.97
2.400	100.00	0.00	0.00	12.90	1703.00	25.99	17.38	1.22	0.91	4149.15	1543.44
2.400	100.00	0.00	0.00	12.90	3190.00	28.93	19.24	0.56	0.75	10311.99	4272.18
2.400	100.00	0.00	0.00	12.90	4046.00	30.01	20.06	0.48	0.75	13065.65	5825.02
2.400	100.00	0.00	0.00	12.90	6676.00	31.73	22.97	0.57	0.88	17676.17	8875.99
5.000	1400.00	0.00	0.00	17.50	1703.00	26.77	22.39	10.50	2.00	1632.52	530.75
5.000	1400.00	0.00	0.00	17.50	3190.00	29.32	25.04	5.14	1.79	3391.41	1406.86
5.000	1400.00	0.00	0.00	17.50	4046.00	30.35	25.38	4.80	1.82	4178.02	1907.75
5.000	1400.00	0.00	0.00	17.50	6676.00	32.11	26.25	5.12	2.19	5671.54	2950.02
6.000	2480.00	0.00	0.00	19.00	1480.00	28.83	23.34	6.72	1.64	1807.35	571.10
6.000	2480.00	0.00	0.00	19.00	2793.00	30.62	25.26	5.12	1.68	3319.03	1233.78
6.000	2480.00	0.00	0.00	19.00	3593.00	31.50	27.34	4.52	1.71	4166.95	1671.62
6.000	2480.00	0.00	0.00	19.00	5899.00	33.31	28.00	4.22	1.89	6435.59	2871.28
3.100	3106.00	0.00	0.00	19.30	1480.00	30.68	24.82	6.10	1.59	3205.04	999.31
3.100	3106.00	0.00	0.00	19.30	2793.00	32.05	26.89	4.86	1.58	3755.50	1267.43
3.100	3106.00	0.00	0.00	19.30	3553.00	32.75	29.63	4.30	1.57	4908.57	1714.31
3.100	3106.00	0.00	0.00	19.30	5899.00	34.44	30.18	3.76	1.69	7226.80	3044.02
3.200	100.00	0.00	0.00	20.10	1480.00	30.76	24.84	19.97	2.80	528.21	331.22
3.200	100.00	0.00	0.00	20.10	2793.00	32.12	26.92	35.12	4.21	664.05	471.29
3.200	100.00	0.00	0.00	20.10	3553.00	32.81	27.76	41.61	4.85	733.11	550.81
3.200	100.00	0.00	0.00	20.10	5899.00	34.43	30.07	60.56	6.56	899.34	758.01
3.300	20.00	34.90	33.30	20.10	1480.00	30.78	0.00	19.75	2.79	530.08	333.01
3.300	20.00	34.90	33.30	20.10	2793.00	32.15	0.00	34.62	4.19	667.06	474.66
3.300	20.00	34.90	33.30	20.10	3553.00	32.85	0.00	40.77	4.82	737.88	556.46
3.300	20.00	34.90	33.30	20.10	5899.00	34.75	0.00	54.19	6.33	932.14	801.33



SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIMS	EG	10K*8	VCH	AREA	OIK
3.400	100.00	0.00	0.00	19.40	1480.00	30.98	24.92	31.00	4.27	1.62	2434.63	716.50
3.400	100.00	0.00	0.00	19.40	2793.00	32.54	26.99	32.56	3.26	1.60	4497.67	1547.95
3.400	100.00	0.00	0.00	19.40	3553.00	33.35	29.63	33.37	2.85	1.98	5561.22	2104.70
3.400	100.00	0.00	0.00	19.40	5897.00	35.59	30.37	35.60	2.13	1.56	8657.48	4041.90
7.000	4780.00	0.00	0.00	23.50	1480.00	35.44	29.03	35.52	13.61	2.65	1271.42	401.23
7.000	4780.00	0.00	0.00	23.50	2793.00	36.68	31.33	37.74	12.75	2.71	2344.58	782.10
7.000	4780.00	0.00	0.00	23.50	3553.00	37.34	32.46	37.37	12.33	2.35	3283.10	1011.86
7.000	4780.00	0.00	0.00	23.50	5897.00	38.79	35.73	38.83	9.96	2.39	5096.51	1869.18
8.000	2390.00	0.00	0.00	26.50	1307.00	38.04	31.29	38.08	8.93	1.98	1193.34	437.49
8.000	2390.00	0.00	0.00	26.50	2484.00	39.40	33.42	39.43	10.41	2.07	2344.41	769.97
8.000	2390.00	0.00	0.00	26.50	3169.00	39.95	35.77	39.99	10.26	2.16	2879.28	989.24
8.000	2390.00	0.00	0.00	26.50	5290.00	41.20	37.35	41.24	10.84	2.50	4128.03	1606.86
9.000	5500.00	0.00	0.00	31.00	1307.00	42.01	36.99	42.04	6.33	1.76	1887.50	519.46
9.000	5500.00	0.00	0.00	31.00	2484.00	43.28	39.17	43.30	5.66	1.85	3358.58	1043.90
9.000	5500.00	0.00	0.00	31.00	3169.00	43.82	40.96	43.84	5.67	1.93	4036.97	1330.98
9.000	5500.00	0.00	0.00	31.00	5290.00	45.15	41.57	45.17	5.71	2.14	5833.86	2214.20
4.100	2880.00	0.00	0.00	35.20	1307.00	44.52	40.15	44.57	11.44	2.39	1355.19	386.46
4.100	2880.00	0.00	0.00	35.20	2484.00	45.64	42.09	45.69	11.13	2.63	2427.30	744.46
4.100	2880.00	0.00	0.00	35.20	3169.00	46.15	44.03	46.19	10.94	2.72	2983.57	958.15
4.100	2880.00	0.00	0.00	35.20	5290.00	47.43	44.63	47.47	10.47	2.93	4484.76	1634.64
4.200	120.00	0.00	0.00	36.00	1307.00	44.74	39.81	45.09	50.20	4.76	274.60	184.47
4.200	120.00	0.00	0.00	36.00	2484.00	45.99	41.82	46.96	123.53	7.90	314.32	223.49
4.200	120.00	0.00	0.00	36.00	3169.00	46.56	42.83	47.97	171.52	9.53	332.60	241.97
4.200	120.00	0.00	0.00	36.00	5290.00	48.00	45.58	51.03	333.90	13.98	378.35	289.50
4.300	53.00	48.90	46.00	36.00	1307.00	44.79	0.00	45.13	49.43	4.73	276.09	185.90
4.300	53.00	48.90	46.00	36.00	2484.00	46.88	0.00	47.69	96.77	7.24	342.89	252.51
4.300	53.00	48.90	46.00	36.00	3169.00	48.02	0.00	49.10	119.17	8.36	379.10	290.29
4.300	53.00	48.90	46.00	36.00	5290.00	49.71	0.00	51.03	152.09	10.12	1161.22	428.94
4.400	100.00	0.00	0.00	35.90	1307.00	45.41	40.79	45.47	16.53	2.50	1047.96	321.46
4.400	100.00	0.00	0.00	35.90	2484.00	47.99	42.71	48.01	4.08	1.50	3389.80	1229.29
4.400	100.00	0.00	0.00	35.90	3169.00	49.46	44.51	49.47	2.24	1.27	5159.83	2115.99
4.400	100.00	0.00	0.00	35.90	5290.00	51.45	45.42	51.46	1.98	1.38	7962.52	3760.10
10.000	3780.00	0.00	0.00	38.50	1307.00	48.68	45.10	48.71	6.40	1.87	1733.81	516.54
10.000	3780.00	0.00	0.00	38.50	2484.00	49.87	46.59	49.89	7.02	2.16	2957.13	937.93
10.000	3780.00	0.00	0.00	38.50	3169.00	50.74	46.96	50.76	5.44	2.02	3927.99	1358.29
10.000	3780.00	0.00	0.00	38.50	5290.00	52.53	47.64	52.54	4.52	2.06	6074.17	2488.22
11.000	3830.00	0.00	0.00	43.50	1307.00	51.37	49.58	51.38	7.93	1.61	1937.15	464.18
11.000	3830.00	0.00	0.00	43.50	2484.00	52.61	49.97	52.62	7.65	1.80	2971.91	898.11
11.000	3830.00	0.00	0.00	43.50	3169.00	53.18	50.09	53.19	7.65	1.90	3472.75	1145.61
11.000	3830.00	0.00	0.00	43.50	5290.00	54.74	50.49	54.75	7.42	2.12	4861.59	1941.87

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CMSEL	CRIMS	EQ	10M*5	VCH	AREA	OIK
5.100	3900.00	0.00	0.00	46.70	1307.00	94.56	52.30	94.58	8.56	1.49	1504.15	446.82
5.100	3900.00	0.00	0.00	46.70	2484.00	55.78	52.74	53.80	8.87	1.83	2457.33	933.88
5.100	3900.00	0.00	0.00	46.70	3169.00	56.34	52.96	56.36	8.85	1.96	2969.69	1065.14
5.100	3900.00	0.00	0.00	46.70	5290.00	57.76	53.46	57.80	8.44	2.22	4574.95	1830.39
5.200	50.00	0.00	0.00	45.50	1307.00	54.54	51.37	54.97	67.04	3.22	250.43	159.63
5.200	50.00	0.00	0.00	45.50	2484.00	55.64	53.18	56.72	146.26	8.36	329.49	205.40
5.200	50.00	0.00	0.00	45.50	3169.00	56.20	54.08	57.28	147.23	8.83	666.36	261.17
5.200	50.00	0.00	0.00	45.50	5290.00	57.79	57.17	58.11	61.07	6.46	2299.39	676.95
5.300	21.00	55.50	53.70	45.50	1307.00	55.06	0.00	55.42	52.59	4.81	271.89	180.22
5.300	21.00	55.50	53.70	45.50	2484.00	55.65	0.00	56.72	144.47	8.32	337.83	206.66
5.300	21.00	55.50	53.70	45.50	3169.00	56.83	0.00	57.28	69.72	6.40	1239.93	379.51
5.300	21.00	55.50	53.70	45.50	5290.00	57.79	0.00	58.11	61.20	6.46	2297.10	676.23
5.400	100.00	0.00	0.00	47.00	1307.00	58.59	52.60	58.60	4.27	1.12	1936.03	632.66
5.400	100.00	0.00	0.00	47.00	2484.00	57.10	53.12	57.11	3.93	1.32	3399.28	1253.10
5.400	100.00	0.00	0.00	47.00	3169.00	57.48	53.34	57.50	4.76	1.52	3791.60	1452.27
5.400	100.00	0.00	0.00	47.00	5290.00	58.30	53.83	58.33	7.34	2.05	4922.29	1952.04
12.000	3290.00	0.00	0.00	49.00	714.00	57.43	53.00	57.46	7.50	1.96	829.06	260.77
12.000	3290.00	0.00	0.00	49.00	1402.00	58.85	55.58	58.88	7.37	2.19	1549.17	516.44
12.000	3290.00	0.00	0.00	49.00	1810.00	59.40	56.11	59.43	7.65	2.33	1883.85	654.44
12.000	3290.00	0.00	0.00	49.00	3104.00	60.74	57.11	60.78	8.42	2.68	2775.63	1069.52
13.000	5260.00	0.00	0.00	54.30	714.00	61.77	58.21	61.80	9.68	1.98	864.61	229.50
13.000	5260.00	0.00	0.00	54.30	1402.00	63.01	60.66	63.04	9.31	2.20	1513.90	459.60
13.000	5260.00	0.00	0.00	54.30	1810.00	63.58	60.90	63.60	9.11	2.28	1867.97	599.67
13.000	5260.00	0.00	0.00	54.30	3104.00	64.98	61.49	65.01	8.66	2.48	2912.59	1054.98
6.100	2250.00	0.00	0.00	54.90	714.00	62.97	58.75	62.98	3.62	1.30	1302.14	375.37
6.100	2250.00	0.00	0.00	54.90	1402.00	64.29	61.08	64.31	4.06	1.55	2113.11	696.13
6.100	2250.00	0.00	0.00	54.90	1810.00	64.89	61.29	64.90	4.24	1.66	2328.54	878.68
6.100	2250.00	0.00	0.00	54.90	3104.00	66.30	61.88	66.32	4.44	1.87	3884.64	1473.56
6.200	100.00	0.00	0.00	57.80	714.00	64.63	64.63	64.98	102.09	5.47	166.94	70.67
6.200	100.00	0.00	0.00	57.80	1402.00	65.18	64.61	65.24	277.81	9.60	189.84	84.12
6.200	100.00	0.00	0.00	57.80	1810.00	66.40	66.40	67.24	202.29	9.26	366.07	127.26
6.200	100.00	0.00	0.00	57.80	3104.00	67.36	67.36	67.89	168.36	9.18	1072.98	239.23
6.300	49.60	66.30	62.80	57.80	714.00	66.45	0.00	66.58	29.78	3.57	391.08	150.63
6.300	49.60	66.30	62.80	57.80	1402.00	66.62	0.00	67.00	95.29	6.49	481.31	143.62
6.300	49.60	66.30	62.80	57.80	1810.00	66.97	0.00	67.24	168.36	8.59	492.33	139.49
6.300	49.60	66.30	62.80	57.80	3104.00	67.43	0.00	67.89	149.83	8.71	1152.15	253.58
6.400	100.00	0.00	0.00	61.10	714.00	67.14	69.94	67.55	136.46	5.98	244.14	61.12
6.400	100.00	0.00	0.00	61.10	1402.00	67.87	67.66	68.34	163.44	7.26	437.18	109.66
6.400	100.00	0.00	0.00	61.10	1810.00	68.43	67.90	68.79	129.64	6.92	601.13	158.97
6.400	100.00	0.00	0.00	61.10	3104.00	69.06	68.51	69.59	184.04	8.83	907.91	228.60

SECNO	XLCH	ELTRD	ELLC	ELMIN	G	CWSEL	CRIMS	EG	10A*5	VCH	AREA	OIK
14.000	2570.00	0.00	0.00	61.30	714.00	69.88	67.11	69.90	4.55	1.49	1073.44	334.84
14.000	2570.00	0.00	0.00	61.30	1402.00	71.22	67.77	71.24	5.62	1.86	1679.54	591.17
14.000	2570.00	0.00	0.00	61.30	1810.00	71.82	68.04	71.84	5.98	2.01	2030.98	740.31
14.000	2570.00	0.00	0.00	61.30	3104.00	73.16	68.72	73.18	6.96	2.38	3997.10	1176.78

FLOOD

SUMMARY PRINTOUT TABLE 150

SECNO	G	CWBEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
1.000	1754.00	21.97	0.00	0.00	8.97	2072.00	0.00
1.000	3280.00	24.82	2.86	0.00	9.82	2382.38	0.00
1.000	4159.00	25.52	0.70	0.00	8.52	2713.18	0.00
1.000	6852.00	26.49	0.97	0.00	7.49	2914.00	0.00
2.000	1754.00	22.02	0.00	0.06	0.00	1706.78	4480.00
2.000	3280.00	24.29	2.86	0.06	0.00	2053.88	4480.00
2.000	4159.00	25.60	0.71	0.08	0.00	2140.19	4480.00
2.000	6852.00	26.64	1.04	0.15	0.00	2225.00	4480.00
3.000	1754.00	22.06	0.00	0.04	0.00	1809.08	3600.00
3.000	3280.00	24.53	2.87	0.04	0.00	2749.77	3600.00
3.000	4159.00	25.65	0.72	0.05	0.00	2986.52	3600.00
3.000	6852.00	26.73	1.08	0.09	0.00	3200.00	3600.00
1.100	1754.00	23.72	0.00	1.66	0.00	74.35	5800.00
1.100	3280.00	27.29	3.57	2.36	0.00	75.33	5800.00
1.100	4159.00	28.57	1.28	2.92	0.00	75.68	5800.00
1.100	6852.00	30.62	2.06	3.89	0.00	2520.25	5800.00
1.200	1754.00	23.79	0.00	0.06	0.00	74.37	100.00
1.200	3280.00	27.36	3.60	0.09	0.00	75.36	100.00
1.200	4159.00	28.59	1.30	0.12	0.00	75.71	100.00
1.200	6852.00	30.82	2.14	0.20	0.00	2761.95	100.00
1.300	1754.00	23.79	0.00	0.00	0.00	74.37	31.50
1.300	3280.00	27.57	3.78	0.18	0.00	75.41	31.50
1.300	4159.00	29.02	1.49	0.32	0.00	75.80	31.50
1.300	6852.00	30.82	1.80	0.00	0.00	2761.87	31.50
1.400	1703.00	23.88	0.00	0.07	0.00	1928.25	100.00
1.400	3190.00	27.73	3.85	0.16	0.00	2865.20	100.00
1.400	4046.00	29.23	1.50	0.21	0.00	3347.11	100.00
1.400	6675.00	31.08	1.85	0.26	0.00	3938.74	100.00
4.000	1703.00	24.14	0.00	0.26	0.00	1202.76	3900.00
4.000	3190.00	27.81	3.68	0.09	0.00	3865.00	3900.00
4.000	4046.00	29.29	1.47	0.05	0.00	6404.34	3900.00
4.000	6675.00	31.14	1.85	0.06	0.00	7041.07	3900.00
2.100	1703.00	25.67	0.00	1.54	0.00	865.05	4200.00
2.100	3190.00	28.38	2.71	0.57	0.00	1461.54	4200.00
2.100	4046.00	29.68	1.29	0.39	0.00	1738.72	4200.00
2.100	6675.00	31.52	1.84	0.38	0.00	2517.50	4200.00

SECNO	G	CWSEL	DIFWSP	DIFWSX	DIFWRS	TOPWID	XLCH
2.200	1703.00	29.73	0.00	0.05	0.00	66.55	100.00
2.200	3190.00	28.38	2.65	-0.01	0.00	288.82	100.00
2.200	4046.00	29.67	1.30	-0.01	0.00	1062.90	100.00
2.200	6676.00	31.53	1.86	0.01	0.00	1698.69	100.00
2.300	1703.00	25.74	0.00	0.01	0.00	66.57	21.00
2.300	3190.00	28.49	2.75	0.11	0.00	69.32	21.00
2.300	4046.00	29.67	1.18	0.00	0.00	1060.20	21.00
2.300	6676.00	31.53	1.86	0.00	0.00	1701.23	21.00
2.400	1703.00	25.99	0.00	0.25	0.00	1308.74	100.00
2.400	3190.00	28.93	2.94	0.44	0.00	2493.68	100.00
2.400	4046.00	30.01	1.08	0.34	0.00	2607.46	100.00
2.400	6676.00	31.73	1.72	0.20	0.00	2733.87	100.00
5.000	1703.00	26.77	0.00	0.78	0.00	581.60	1400.00
5.000	3190.00	29.32	2.55	0.39	0.00	789.12	1400.00
5.000	4046.00	30.35	1.03	0.34	0.00	816.69	1400.00
5.000	6676.00	32.11	1.77	0.38	0.00	963.87	1400.00
6.000	1480.00	38.83	0.00	2.06	0.00	747.75	2480.00
6.000	2793.00	30.62	1.79	1.31	0.00	930.51	2480.00
6.000	3553.00	31.50	0.88	1.15	0.00	1006.34	2480.00
6.000	5899.00	33.31	1.81	1.20	0.00	1481.92	2480.00
3.100	1480.00	30.68	0.00	1.85	0.00	1277.41	3106.00
3.100	2793.00	32.05	1.36	1.42	0.00	1311.01	3106.00
3.100	3553.00	32.75	0.70	1.25	0.00	1344.11	3106.00
3.100	5899.00	34.44	1.68	1.13	0.00	1422.56	3106.00
3.200	1480.00	30.76	0.00	0.08	0.00	97.87	100.00
3.200	2793.00	32.12	1.35	0.07	0.00	100.84	100.00
3.200	3553.00	32.81	0.69	0.05	0.00	101.33	100.00
3.200	5899.00	34.43	1.63	0.00	0.00	102.60	100.00
3.300	1480.00	30.78	0.00	0.01	0.00	97.93	20.00
3.300	2793.00	32.15	1.37	0.03	0.00	100.87	20.00
3.300	3553.00	32.85	0.70	0.04	0.00	101.36	20.00
3.300	5899.00	34.75	1.90	0.32	0.00	102.86	20.00
3.400	1480.00	30.98	0.00	0.20	0.00	1283.06	100.00
3.400	2793.00	32.94	1.57	0.39	0.00	1325.46	100.00
3.400	3553.00	33.35	0.81	0.50	0.00	1344.07	100.00
3.400	5899.00	35.59	2.23	0.83	0.00	1452.23	100.00
7.000	1480.00	35.44	0.00	4.46	0.00	866.50	4780.00
7.000	2793.00	36.68	1.24	4.14	0.00	1115.82	4780.00
7.000	3553.00	37.34	0.65	3.98	0.00	1184.34	4780.00
7.000	5899.00	38.79	1.46	3.21	0.00	1320.01	4780.00

SECNO	Q	CMSL	DIFWSP	DIFWSX	DIFWMS	TOWID	XLCH
8.000	1307.00	38.04	0.00	2.60	0.00	612.97	2390.00
8.000	2484.00	39.40	1.39	2.71	0.00	936.01	2390.00
8.000	3169.00	39.95	0.56	2.62	0.00	975.97	2390.00
8.000	5290.00	41.20	1.29	2.41	0.00	1026.34	2390.00
9.000	1307.00	42.01	0.00	3.97	0.00	1046.75	5500.00
9.000	2484.00	43.28	1.27	3.89	0.00	124.72	5500.00
9.000	3169.00	43.82	0.53	3.86	0.00	1293.23	5500.00
9.000	5290.00	45.15	1.33	3.95	0.00	1397.88	5500.00
4.100	1307.00	44.52	0.00	2.51	0.00	866.64	2880.00
4.100	2484.00	45.64	1.12	2.36	0.00	1061.06	2880.00
4.100	3169.00	46.15	0.51	2.33	0.00	1120.69	2880.00
4.100	5290.00	47.43	1.28	2.28	0.00	1236.68	2880.00
4.200	1307.00	44.74	0.00	0.22	0.00	31.81	120.00
4.200	2484.00	45.99	1.29	0.35	0.00	31.87	120.00
4.200	3169.00	46.56	0.57	0.41	0.00	31.89	120.00
4.200	5290.00	48.00	1.44	0.57	0.00	31.96	120.00
4.300	1307.00	44.79	0.00	0.05	0.00	31.81	53.00
4.300	2484.00	46.88	2.09	0.89	0.00	31.91	53.00
4.300	3169.00	48.02	1.14	1.46	0.00	31.96	53.00
4.300	5290.00	49.71	1.69	1.71	0.00	1113.39	53.00
4.400	1307.00	45.41	0.00	0.63	0.00	643.82	100.00
4.400	2484.00	47.99	2.58	1.12	0.00	1091.09	100.00
4.400	3169.00	49.46	1.47	1.44	0.00	1323.58	100.00
4.400	5290.00	51.45	2.00	1.74	0.00	1492.28	100.00
10.000	1307.00	48.68	0.00	3.27	0.00	986.16	3780.00
10.000	2484.00	49.87	1.18	1.88	0.00	1079.24	3780.00
10.000	3169.00	50.74	0.87	1.28	0.00	1145.32	3780.00
10.000	5290.00	52.53	1.79	1.07	0.00	1267.32	3780.00
11.000	1307.00	51.37	0.00	2.69	0.00	829.64	3830.00
11.000	2484.00	52.61	1.24	2.74	0.00	857.24	3830.00
11.000	3169.00	53.18	0.57	2.44	0.00	870.29	3830.00
11.000	5290.00	54.74	1.56	2.21	0.00	924.11	3830.00
5.100	1307.00	54.56	0.00	3.19	0.00	667.93	3900.00
5.100	2484.00	55.78	1.22	3.17	0.00	866.38	3900.00
5.100	3169.00	56.34	0.56	3.16	0.00	971.59	3900.00
5.100	5290.00	57.76	1.43	3.02	0.00	1285.71	3900.00
5.200	1307.00	54.54	0.00	-0.01	0.00	41.07	50.00
5.200	2484.00	55.64	1.10	-0.14	0.00	420.39	50.00
5.200	3169.00	56.20	0.56	-0.14	0.00	800.68	50.00
5.200	5290.00	57.79	1.59	0.03	0.00	1185.46	50.00

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SECND	0	CMSL	DIFM8P	DIFMSX	DIFM8B	TOPMJD	XLCH
5.300	1307.00	55.06	0.00	0.52	0.00	41.55	21.00
5.300	2484.00	55.65	0.59	0.01	0.00	431.80	21.00
5.300	3169.00	56.83	1.18	0.63	0.00	997.48	21.00
5.300	5290.00	57.79	0.96	0.00	0.00	1189.08	21.00
5.400	1307.00	55.59	0.00	0.53	0.00	804.71	100.00
5.400	2484.00	57.10	1.51	1.45	0.00	1113.13	100.00
5.400	3169.00	57.48	0.38	0.65	0.00	1179.75	100.00
5.400	5290.00	58.30	0.82	0.51	0.00	1325.13	100.00
12.000	714.00	57.43	0.00	1.84	0.00	422.33	3290.00
12.000	1402.00	58.85	1.42	1.75	0.00	591.71	3290.00
12.000	1810.00	59.40	0.55	1.92	0.00	615.64	3290.00
12.000	3104.00	60.74	1.34	2.44	0.00	745.45	3290.00
13.000	714.00	61.77	0.00	4.34	0.00	455.40	5260.00
13.000	1402.00	63.01	1.24	4.17	0.00	592.96	5260.00
13.000	1810.00	63.58	0.56	4.17	0.00	657.68	5260.00
13.000	3104.00	64.98	1.40	4.24	0.00	908.69	5260.00
6.100	714.00	62.97	0.00	1.20	0.00	547.29	2250.00
6.100	1402.00	64.29	1.32	1.28	0.00	679.50	2250.00
6.100	1810.00	64.89	0.59	1.31	0.00	738.11	2250.00
6.100	3104.00	66.30	1.42	1.33	0.00	1081.36	2250.00
6.200	714.00	64.63	0.00	1.66	0.00	38.37	100.00
6.200	1402.00	65.18	0.59	0.89	0.00	39.22	100.00
6.200	1810.00	65.40	1.22	1.51	0.00	419.22	100.00
6.200	3104.00	67.36	0.96	1.05	0.00	1017.70	100.00
6.300	714.00	66.45	0.00	1.82	0.00	460.16	49.60
6.300	1402.00	66.62	0.17	1.44	0.00	582.35	49.60
6.300	1810.00	66.57	-0.06	0.17	0.00	547.64	49.60
6.300	3104.00	67.43	0.86	0.07	0.00	1059.57	49.60
6.400	714.00	67.14	0.00	0.68	0.00	240.26	100.00
6.400	1402.00	67.87	0.74	1.25	0.00	281.00	100.00
6.400	1810.00	68.43	0.54	1.86	0.00	311.44	100.00
6.400	3104.00	69.06	0.63	1.64	0.00	346.03	100.00
14.000	714.00	69.88	0.00	2.75	0.00	386.01	2570.00
14.000	1402.00	71.22	1.34	3.35	0.00	552.54	2570.00
14.000	1810.00	71.82	0.60	3.39	0.00	631.49	2570.00
14.000	3104.00	73.16	1.34	4.09	0.00	824.54	2570.00

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 MEC2 RELEASE DATED NOV 76 UPDATED APR1 1980  
 ERROR CORR - 01.02.03.04  
 MODIFICATION - 50.51.52.53.54  
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T1 NEW RIVER  
 T2 ONSLOW CO. N. CAROLINA  
 T3 100-YR FLOOD

J1	ICHECK	ING	NINV	IDIR	BSTR	METRIC	MVINS	G	WSEL	FG
0.	4	0.	0.	0.000000	0.00	0.0	25.520	0.000		
J2	NPROF	IPLDT	PRFVS	KSECV	XSECH	FN	ALLDC	IDW	CHNIM	ITRACE
1.000	0.000	-1.000	0.000	0.000	0.000	-1.000	0.000	0.000	0.000	0.000
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
110.000	200.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
J5	LPRNT	NUMSEC	*****REQUESTED SECTION NUMBERS*****							
-10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
J6	IHLG	ICOPY								
1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	GT	ET	X1	GR	X4	GR	GR	GR	GR	GR
0.120	0.120	0.070	0.100	0.300	0.000	0.000	0.000	0.000	0.000	0.000
5.000	1754.000	3280.000	4159.000	4852.000	4197.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	10.400	0.000	0.000	0.000	0.000	0.000
1.000	22.000	340.000	400.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26.300	0.000	25.500	100.000	23.500	200.000	249.000	18.200	300.000	300.000	300.000
14.500	320.000	12.500	340.000	4.700	352.000	374.000	4.500	394.000	394.000	394.000
8.800	400.000	9.000	412.000	16.000	421.000	449.000	21.500	477.000	477.000	477.000
17.000	487.000	18.500	500.000	20.500	600.000	700.000	19.500	800.000	800.000	800.000
19.500	2010.000	26.300	2914.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2.000	19.000	958.000	1002.000	3700.000	4500.000	4480.000	0.000	0.000	0.000	0.000
1.000	5.400	979.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26.300	0.000	20.700	227.000	18.200	302.000	11.500	402.000	12.500	602.000	602.000
12.500	652.000	12.500	792.000	13.300	802.000	12.800	902.000	13.500	958.000	958.000
6.800	956.000	5.000	976.000	4.400	997.000	12.200	1002.000	10.700	1102.000	1102.000
10.500	1202.000	13.800	1302.000	15.900	1402.000	26.300	2325.000	0.000	0.000	0.000



X1	3,000	25,000	1899,000	1700,000	2200,000	3600,000	3600,000	3600,000	0,000	0,000	0,000	0,000
GR	26,300	0,000	20,500	1100,000	20,500	1130,000	1200,000	1200,000	19,500	150,000	1250,000	1250,000
GR	19,300	1300,000	14,500	1400,000	14,500	1450,000	1500,000	1500,000	13,500	1500,000	1600,000	1600,000
GR	13,000	1700,000	14,500	1800,000	14,500	1855,000	1865,000	1865,000	5,500	1866,000	1866,000	1866,000
GR	4,800	1880,000	6,500	1895,000	7,600	1896,000	1900,000	1900,000	13,300	1940,000	1940,000	1940,000
GR	20,600	1755,000	11,500	2000,000	17,500	2100,000	2100,000	2100,000	26,300	3290,000	3290,000	3290,000
X1	1,100	14,000	1490,000	1526,000	4000,000	5200,000	5200,000	5800,000	0,000	0,000	0,000	0,000
GR	32,800	0,000	29,500	50,000	29,500	1430,000	1430,000	15,800	15,300	1437,000	1437,000	1437,000
GR	10,400	1468,000	9,300	1480,000	10,400	1494,000	1500,000	15,900	16,000	1508,000	1508,000	1508,000
GR	14,400	1524,000	30,000	1526,000	30,000	1800,000	1800,000	32,800	0,000	0,000	0,000	0,000
NC	0,000	0,000	0,000	0,300	0,500	0,000	0,000	0,000	0,000	0,000	0,000	0,000
X1	1,200	0,000	0,000	0,000	100,000	100,000	100,000	100,000	0,000	0,000	0,000	0,000
X3	10,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	28,300	0,000	0,000	0,000
SB	1,100	1,600	2,800	0,000	55,000	2,000	2,000	904,000	0,750	12,600	12,600	12,600
X1	1,300	0,000	0,000	0,000	31,500	31,500	31,500	31,500	0,000	0,000	0,000	0,000
X2	0,000	0,000	1,000	26,600	30,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
X3	10,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	30,000	0,000	0,000	0,000
BT	6,000	0,000	29,500	0,000	1400,000	29,500	0,000	0,000	1401,000	31,600	0,000	0,000
BT	1475,000	31,600	0,000	1476,000	30,000	0,000	0,000	1800,000	30,000	0,000	0,000	0,000
NC	0,000	0,000	0,000	0,100	0,300	0,000	0,000	0,000	0,000	0,000	0,000	0,000
GT	5,000	1703,000	3190,000	4046,000	6676,000	4046,000	4046,000	0,000	0,000	0,000	0,000	0,000
X1	1,400	24,000	743,000	1033,000	100,000	100,000	100,000	100,000	0,000	0,000	0,000	0,000
GR	32,800	0,000	26,300	314,000	19,500	558,000	558,000	19,500	17,500	758,000	758,000	758,000
GR	14,500	858,000	17,000	900,000	20,500	921,000	921,000	21,500	18,500	948,000	948,000	948,000
GR	18,500	958,000	11,800	973,000	11,500	983,000	983,000	11,800	18,500	1013,000	1013,000	1013,000
GR	18,400	1023,000	22,300	1033,000	14,500	1058,000	1058,000	16,500	17,000	1258,000	1258,000	1258,000
GR	17,500	1358,000	18,500	1458,000	26,300	2722,000	2722,000	32,800	0,000	0,000	0,000	0,000
X1	4,000	33,000	1960,000	2053,000	4200,000	3900,000	3900,000	3900,000	0,000	0,000	0,000	0,000
GR	32,800	0,000	28,000	1033,000	27,500	1225,000	1225,000	24,500	22,800	1425,000	1425,000	1425,000
GR	20,500	1525,000	20,000	1625,000	19,500	1725,000	1725,000	19,500	20,500	1925,000	1925,000	1925,000
GR	20,700	1930,000	25,000	1960,000	20,500	1970,000	1970,000	20,300	13,900	1985,000	1985,000	1985,000
GR	13,000	2000,000	13,900	2020,000	17,700	2025,000	2025,000	21,500	20,000	2040,000	2040,000	2040,000
GR	25,000	2053,000	24,500	2070,000	19,500	2090,000	2090,000	17,500	16,500	2200,000	2200,000	2200,000
GR	21,000	2225,000	22,000	2230,000	22,500	2325,000	2325,000	22,600	20,500	2565,000	2565,000	2565,000
GR	26,500	2625,000	26,300	6768,000	32,800	7613,000	7613,000	0,000	0,000	0,000	0,000	0,000
X1	2,100	37,000	631,000	736,000	5500,000	4000,000	4000,000	4200,000	0,000	0,000	0,000	0,000
GR	32,800	0,000	28,500	216,000	28,500	316,000	316,000	28,000	26,500	516,000	516,000	516,000
GR	26,400	536,000	21,500	576,000	23,700	616,000	616,000	28,500	28,800	641,000	641,000	641,000
GR	25,500	651,000	25,300	656,000	16,100	671,000	671,000	15,500	12,410	701,000	701,000	701,000
GR	23,000	716,000	23,500	726,000	25,500	736,000	736,000	25,300	23,500	751,000	751,000	751,000



X1	3,100	26,000	1025,000	1110,000	3200,000	2200,000	3106,000	0,000	0,000	0,000
GR	40,000	0,000	40,000	30,000	30,500	100,000	30,400	29,500	300,000	300,000
GR	29,500	500,000	28,500	600,000	28,500	700,000	29,000	28,900	900,000	900,000
GR	29,500	1000,000	32,500	1015,000	32,500	1025,000	29,800	29,700	1035,000	1045,000
GR	20,500	1075,000	19,300	1083,000	20,500	1075,000	27,500	30,500	1110,000	1110,000
GR	30,500	1135,000	28,500	1200,000	28,000	1300,000	29,300	34,500	1435,000	1435,000
GR	32,500	1500,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
NC	0,000	0,000	0,000	0,300	0,500	0,000	0,000	0,000	0,000	0,000
X1	3,200	25,000	497,000	600,000	100,000	100,000	100,000	0,000	0,000	0,000
X3	10,000	0,000	0,000	0,000	0,000	0,000	0,000	34,000	0,000	0,000
GR	36,000	0,000	35,000	100,000	35,000	200,000	34,900	34,500	400,000	400,000
GR	30,500	497,000	28,500	498,000	30,000	518,000	27,500	25,500	525,000	532,000
GR	20,500	546,000	20,100	558,000	20,500	548,000	25,700	24,200	582,000	582,000
GR	29,000	588,000	29,900	593,000	31,600	598,000	33,400	34,900	600,000	600,000
GR	35,000	700,000	35,500	800,000	36,500	900,000	37,500	38,500	1200,000	1200,000
SB	1,050	1,600	2,800	0,000	40,000	5,000	820,000	21,300	21,300	21,300
X1	3,300	0,000	0,000	0,000	20,000	20,000	20,000	0,000	0,000	0,000
X2	0,000	0,000	1,000	33,300	34,900	0,000	0,000	0,000	0,000	0,000
X3	10,000	0,000	0,000	0,000	0,000	0,000	0,000	34,900	0,000	0,000
BT	7,000	0,000	35,000	0,000	400,000	34,500	0,000	35,000	0,000	0,000
BT	600,000	34,900	0,000	800,000	35,500	0,000	1000,000	0,000	1200,000	1200,000
BT	38,500	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
X1	3,400	27,500	1045,000	1100,000	100,000	100,000	100,000	0,000	0,000	0,000
GR	40,100	0,000	40,100	30,000	30,600	100,000	30,500	29,600	300,000	300,000
GR	29,600	500,000	28,600	600,000	28,600	700,000	29,100	29,000	900,000	900,000
GR	29,500	1000,000	32,500	1015,000	32,500	1025,000	29,900	29,800	1045,000	1045,000
GR	20,600	1075,000	19,400	1083,000	20,600	1095,000	27,600	30,600	1110,000	1110,000
GR	30,600	1135,000	28,600	1200,000	28,100	1300,000	29,300	34,700	1435,000	1435,000
GR	35,300	1500,000	39,500	1728,000	0,000	0,000	0,000	0,000	0,000	0,000
NC	0,000	0,000	0,000	0,100	0,300	0,000	0,000	0,000	0,000	0,000
X1	7,000	27,000	1130,000	1212,000	600,000	4200,000	4780,000	0,000	0,000	0,000
GR	42,500	0,000	42,500	150,000	39,500	200,000	39,300	35,500	400,000	400,000
GR	34,500	500,000	34,500	600,000	34,200	700,000	35,500	34,000	900,000	900,000
GR	33,500	1000,000	34,300	1100,000	34,000	1119,000	37,300	36,800	1190,000	1190,000
GR	32,000	1160,000	24,300	1170,000	23,500	1180,000	24,300	34,500	1200,000	1200,000
GR	35,000	1205,000	38,500	1212,000	38,000	1229,000	34,200	34,300	1300,000	1300,000
GR	33,500	1400,000	36,000	1500,000	38,500	1600,000	39,400	0,000	0,000	0,000
GT	5,000	1307,000	2484,000	3167,000	5270,000	3169,000	0,000	0,000	0,000	0,000

X1	6.000	1135.000	1220.000	2300.000	2390.000	0.000	0.000	0.000	0.000
GR	45.500	45.500	100.000	200.000	44.500	300.000	44.500	375.000	375.000
GR	41.500	37.500	500.000	600.000	38.500	700.000	37.500	800.000	800.000
GR	38.500	37.500	1000.000	1100.000	33.500	1115.000	38.500	1120.000	1120.000
GR	39.300	36.500	1140.000	1155.000	32.500	1162.000	37.200	1165.000	1165.000
GR	26.500	27.200	1188.000	1200.000	38.800	1212.000	39.600	1220.000	1220.000
GR	39.500	34.500	1235.000	1300.000	36.000	1390.000	39.000	1400.000	1400.000
GR	45.500	49.000	1600.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	9.000	1070.000	1120.000	5200.000	5300.000	0.000	0.000	0.000	0.000
GR	47.500	47.500	100.000	43.500	43.500	300.000	42.500	400.000	400.000
GR	41.800	40.500	600.000	40.500	40.500	800.000	40.000	900.000	900.000
GR	39.500	38.500	1000.000	42.500	42.800	1070.000	31.600	1078.000	1078.000
GR	31.000	31.600	1085.000	35.500	36.200	1107.000	41.000	1120.000	1120.000
GR	41.500	40.500	1300.000	39.500	40.500	1500.000	44.500	1630.000	1630.000

X1	4.100	750.000	800.000	3200.000	2880.000	0.000	0.000	0.000	0.000
GR	51.000	49.000	150.000	48.000	46.000	350.000	45.500	400.000	400.000
GR	45.000	44.000	600.000	43.000	43.000	750.000	34.100	765.000	765.000
GR	35.200	36.100	775.000	43.300	43.000	900.000	43.500	1000.000	1000.000
GR	42.600	43.000	1100.000	43.000	44.000	1400.000	31.000	1600.000	1600.000
NC	0.000	0.000	0.300	0.500	0.000	0.000	0.000	0.000	0.000

X1	4.200	930.000	962.000	120.000	120.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	47.400	47.400	0.000	0.000
GR	52.500	49.000	462.000	48.900	48.900	862.000	48.800	930.000	930.000
GR	36.100	36.000	930.500	48.900	48.900	1162.000	49.000	1262.000	1262.000
GR	49.300	52.500	1362.000	0.000	0.000	0.000	0.000	0.000	0.000
SD	1.100	2.500	0.000	30.000	300.000	0.000	34.000	36.000	36.000

X1	4.300	0.000	0.000	53.000	53.000	0.000	0.000	0.000	0.000
X2	0.000	1.000	46.000	0.000	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	48.800	48.900	0.000	0.000
BT	5.000	52.500	0.000	462.000	0.000	562.000	48.900	0.000	0.000
BT	1362.000	49.000	2300.000	52.500	0.000	0.000	0.000	0.000	0.000

X1	4.400	845.000	745.000	100.000	100.000	0.000	0.000	0.000	0.000
GR	52.500	51.500	145.000	51.500	225.000	270.000	48.500	390.000	390.000
GR	46.500	46.300	545.000	54.500	44.400	745.000	43.500	845.000	845.000
GR	43.500	36.500	710.000	35.900	36.600	930.000	43.500	945.000	945.000
GR	43.500	46.200	1400.000	52.800	1800.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.100	0.300	0.000	0.000	0.000	0.000	0.000



X1	12,000	16,000	475,000	500,000	3050,000	3000,000	3290,000	0,000	0,000	0,000
GR	66,500	0,000	66,500	100,000	61,000	200,000	59,800	300,000	94,500	400,000
GR	54,000	475,000	49,400	480,000	49,000	483,000	49,400	495,000	54,500	500,000
GR	54,500	580,000	55,500	600,000	56,500	700,000	57,500	800,000	58,500	900,000
GR	66,000	1128,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
ET	0,000	0,000	0,000	0,000	0,000	7,400	0,000	0,000	0,000	0,000
X1	13,000	16,000	475,000	500,000	5000,000	4800,000	5260,000	0,000	0,000	0,000
GR	66,500	0,000	66,500	50,000	65,500	100,000	63,500	200,000	62,000	300,000
GR	59,500	400,000	59,500	475,000	54,500	480,000	54,300	489,000	54,500	495,000
GR	60,500	500,000	59,500	600,000	60,500	700,000	62,500	800,000	64,500	900,000
GR	66,000	1325,070	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
X1	6,100	16,000	475,000	500,000	2150,000	2300,000	2250,000	0,000	0,000	0,000
GR	67,000	0,000	67,000	50,000	66,000	100,000	64,000	200,000	62,000	300,000
GR	59,500	400,000	60,000	475,000	55,000	480,000	54,900	490,000	59,000	495,000
GR	61,000	500,000	59,500	600,000	61,000	700,000	65,000	700,000	65,300	1128,000
GR	72,000	1443,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
NC	0,000	0,000	0,000	0,300	0,500	0,000	0,000	0,000	0,000	0,000
X1	6,200	29,000	487,500	502,500	100,000	100,000	100,000	0,000	0,000	0,000
X3	10,000	0,000	0,000	0,000	0,000	0,000	0,000	64,600	64,500	0,000
GR	74,000	0,000	72,500	50,000	70,500	100,000	67,000	300,000	66,300	400,000
GR	66,300	474,000	60,300	478,000	60,300	487,500	98,440	488,330	57,940	489,160
GR	57,800	490,000	57,940	490,830	58,440	491,660	60,300	492,500	60,300	497,500
GR	58,440	498,330	57,940	499,660	57,800	500,000	57,940	500,830	58,440	501,660
GR	60,300	502,500	60,300	507,000	60,800	510,000	66,300	515,000	66,600	600,000
GR	67,600	800,000	67,600	900,000	65,500	1288,000	72,000	1995,000	0,000	0,000
SB	1,000	1,600	2,800	0,000	8,050	0,250	39,000	0,000	57,800	57,800
X1	6,300	0,000	0,000	0,000	49,600	49,600	49,600	0,000	0,000	0,000
X2	0,000	0,000	1,000	62,800	66,300	0,000	0,000	0,000	0,000	0,000
X3	10,000	0,000	0,000	0,000	0,000	0,000	0,000	65,300	66,300	0,000
BT	26,000	0,000	74,000	0,000	100,000	70,500	0,000	200,000	69,000	0,000
BT	300,000	67,000	0,000	400,000	66,300	0,000	474,000	66,300	0,000	487,500
BT	66,300	60,300	488,330	66,300	489,160	489,160	66,300	62,670	490,000	66,300
BT	62,800	490,830	66,300	62,670	491,660	66,300	62,160	492,500	66,300	60,300
BT	497,500	66,300	60,300	498,330	66,300	62,160	499,660	66,300	62,670	500,000
BT	66,300	62,800	500,830	66,300	62,160	501,660	66,300	62,160	502,500	66,300
BT	60,300	515,000	66,300	0,000	600,000	66,500	0,000	800,000	67,800	0,000
BT	900,000	67,800	0,000	1200,000	65,500	0,000	1975,000	72,000	0,000	0,000
X1	6,400	14,000	480,000	500,000	100,000	100,000	100,000	0,000	0,000	0,000
GR	77,900	0,000	77,900	50,000	77,200	100,000	74,400	300,000	72,400	370,000
GR	66,400	400,000	66,300	480,000	61,700	485,000	61,100	490,000	61,700	495,000
GR	66,300	500,000	66,400	600,000	70,400	800,000	70,900	900,000	0,000	0,000
NC	0,000	0,000	0,000	0,100	0,300	0,000	0,000	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 NEW RIVER  
 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.	26.520	0.000
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIN	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.



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 HEC2 RELEASE DATED NOV 76 UPDATED APR1 1980  
 ERROR CORR - 01,02,03,04  
 MODIFICATION - 50,51,52,53,54  
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NOTE- ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

R FLOOD

SUMMARY PRINTOUT TABLE 110

SECD0	CWSEL	DIFKWS	EG	TOPWID	GLOB	GCH	GR0B	PERENC	STENCL	STCHL	STCHR	STENCH
1.000	25.52	0.00	25.52	2712.81	216.51	1069.51	2872.97	0.00	0.00	340.00	400.00	0.00
1.000	26.52	1.00	26.52	1567.71	0.00	1052.07	3106.93	0.20	340.00	340.00	400.00	1907.71
2.000	25.60	0.00	25.60	2140.02	2032.87	385.30	1740.83	0.00	0.00	958.00	1002.00	0.00
2.000	26.60	1.00	26.60	1180.81	2006.28	420.22	1732.50	0.13	376.05	958.00	1002.00	1556.87
3.000	25.65	0.00	25.65	2986.07	2399.82	536.23	1222.95	0.00	0.00	1955.00	1900.00	0.00
3.000	26.65	1.00	26.65	1201.55	2473.16	585.89	1099.94	0.18	1097.09	1855.00	1900.00	2295.64
1.100	28.57	0.00	28.77	75.68	0.00	4159.00	0.00	0.00	0.00	1450.00	1526.00	0.00
1.100	29.23	0.66	29.41	75.36	0.00	4159.00	0.00	0.00	1450.00	1450.00	1526.00	1526.00
1.200	28.68	0.00	28.88	75.71	0.00	4159.00	0.00	0.00	0.00	1450.00	1526.00	0.00
2.000	29.33	0.54	29.51	75.89	0.00	4159.00	0.00	0.01	1450.00	1450.00	1526.00	1526.00
1.300	29.02	0.00	29.21	75.80	0.00	4159.00	0.00	0.00	0.00	1450.00	1526.00	0.00
1.300	29.66	0.64	29.84	75.96	0.00	4159.00	0.00	0.04	1450.00	1450.00	1526.00	1526.00
1.400	29.23	0.00	29.23	3346.84	1082.76	478.16	2485.08	0.00	0.00	943.00	1033.00	0.00
1.400	29.86	0.63	29.86	1641.35	880.19	544.57	2621.24	0.17	603.42	943.00	1033.00	3244.75
4.000	29.29	0.00	29.29	6404.06	1235.42	477.45	2333.13	0.00	0.00	1960.00	2053.00	0.00
4.000	29.92	0.64	29.92	3897.49	846.10	575.27	2624.63	0.27	1636.49	1960.00	2053.00	5533.98
2.100	29.68	0.00	29.68	1738.65	449.66	941.67	2654.67	0.00	0.00	631.00	736.00	0.00
2.100	30.36	0.68	30.37	823.64	18.14	1154.73	2873.15	0.25	617.56	631.00	736.00	1441.19
2.200	29.67	0.00	29.73	1062.67	208.56	3389.77	447.27	0.00	0.00	1400.00	1470.00	0.00
2.200	30.32	0.65	30.68	157.68	0.00	3948.69	97.31	0.31	1400.00	1400.00	1470.00	1557.69
2.300	29.67	0.00	29.93	1059.98	206.55	3395.15	444.29	0.00	0.00	1400.00	1470.00	0.00
2.300	30.32	0.65	30.68	150.95	0.00	3956.22	89.78	0.31	1400.00	1400.00	1470.00	1550.95

SEONO	CWSEL	DIFNBS	EO	TOPMID	GL0B	QCH	GR0B	PERENC	STENCL	STCHL	STCHR	STENCH
2.400	33.01	0.00	30.01	2607.41	1146.44	893.20	2044.99	0.00	0.00	982.00	1077.00	0.00
2.400	30.79	0.78	30.80	1466.08	930.47	993.50	2102.03	0.23	484.64	982.00	1077.00	1930.72
5.000	30.35	0.00	30.37	816.68	2093.12	1178.58	772.30	0.00	0.00	730.00	803.00	0.00
5.000	31.15	0.81	31.18	463.35	2113.35	1421.47	911.18	0.23	412.54	730.00	803.00	873.69
6.000	31.50	0.00	31.52	1006.32	791.87	1078.83	1682.30	0.00	0.00	790.00	830.00	0.00
6.000	32.39	0.89	32.41	525.96	470.10	1323.65	1739.25	0.26	644.12	790.00	830.00	1171.09
3.100	32.75	0.00	32.77	1344.11	1863.03	966.90	723.07	0.00	0.00	1023.00	1110.00	0.00
3.100	33.72	0.96	33.74	802.18	2063.40	1205.03	284.57	0.30	413.48	1023.00	1110.00	1215.66
3.200	32.81	0.00	33.17	101.33	0.00	3553.00	0.00	0.00	0.00	497.00	600.00	0.00
3.200	33.75	0.94	34.03	102.04	0.00	3553.00	0.00	0.00	497.00	497.00	600.00	600.00
3.300	32.85	0.00	33.21	101.36	0.00	3553.00	0.00	0.00	0.00	497.00	600.00	0.00
3.300	33.79	0.94	34.07	102.07	0.00	3553.00	0.00	0.00	497.00	497.00	600.00	600.00
3.400	33.35	0.00	33.37	1344.06	1923.14	882.96	746.91	0.00	0.00	1093.00	1100.00	0.00
3.400	34.19	0.83	34.21	857.34	2120.63	1054.90	377.47	0.27	376.21	1093.00	1100.00	1233.55
7.000	37.34	0.00	37.37	1184.54	1640.35	1157.49	755.16	0.00	0.00	1130.00	1212.00	0.00
7.000	38.33	1.00	38.38	630.07	1818.24	1463.33	269.44	0.36	658.63	1130.00	1212.00	1293.21
8.000	39.95	0.00	39.99	973.97	1212.41	1154.85	801.74	0.00	0.00	1135.00	1220.00	0.00
8.000	40.94	0.98	40.99	532.65	1327.64	1476.30	363.06	0.32	758.04	1135.00	1220.00	1290.69
9.000	43.82	0.00	43.84	1293.23	1488.77	829.67	880.36	0.00	0.00	1070.00	1120.00	0.00
9.000	44.83	1.01	44.86	668.16	1547.31	996.24	623.45	0.32	676.32	1070.00	1120.00	1344.49
4.100	46.15	0.00	46.19	1120.69	479.20	1103.19	1586.60	0.00	0.00	750.00	800.00	0.00
4.100	47.15	1.00	47.22	479.66	97.26	1341.52	1730.22	0.35	725.44	750.00	800.00	1205.09
4.200	46.56	0.00	47.97	31.89	0.00	3169.00	0.00	0.00	0.00	930.00	962.00	0.00
4.200	47.47	0.91	48.66	31.94	0.00	3169.00	0.00	0.00	930.00	930.00	962.00	962.00
4.300	48.02	0.00	49.10	31.96	0.00	3169.00	0.00	0.00	0.00	930.00	962.00	0.00
4.300	48.92	0.91	49.86	32.00	0.00	3169.00	0.00	0.01	930.00	930.00	962.00	962.00
4.400	49.46	0.00	49.47	1323.58	828.65	1051.19	1289.17	0.00	0.00	845.00	945.00	0.00
4.400	50.17	0.71	50.19	578.26	654.86	1287.56	1226.58	0.26	668.50	845.00	945.00	1246.77
10.000	50.74	0.00	50.76	1145.32	876.80	592.99	1699.20	0.00	0.00	470.00	500.00	0.00
10.000	51.60	0.86	51.63	632.97	565.90	712.03	1891.07	0.30	364.22	470.00	500.00	997.20
11.000	53.18	0.00	53.19	870.29	1520.87	286.75	1361.38	0.00	0.00	980.00	1000.00	0.00
11.000	54.16	0.98	54.18	563.86	1544.50	354.27	1270.23	0.30	677.42	980.00	1000.00	1241.28
5.100	56.34	0.00	56.36	971.59	831.90	1105.19	1231.91	0.00	0.00	786.00	886.00	0.00
5.100	57.34	1.00	57.38	381.46	674.02	1452.04	1042.93	0.32	469.07	786.00	886.00	1050.53

SECNO	CWSEL	DIFKMS	EQ	TOPWID	QLOB	QCH	GR0B	PERENC	STENCL	STCHL	STCHR	STENGR
5.200	56.20	0.00	57.28	800.68	241.66	2822.19	103.14	0.00	0.00	825.00	867.00	0.00
5.200	57.12	0.92	58.33	42.00	0.00	3169.00	0.00	0.40	825.00	825.00	867.00	867.00
5.300	54.83	0.00	57.28	997.48	595.88	2214.85	358.27	0.00	0.00	825.00	867.00	0.00
5.300	57.75	0.92	58.21	266.92	627.87	2383.07	158.06	0.31	648.89	825.00	867.00	915.81
5.400	57.48	0.00	57.50	1179.75	1243.62	1161.64	763.74	0.00	0.00	982.00	1107.00	0.00
5.400	58.39	0.91	58.41	594.03	1298.25	1344.69	566.06	0.20	668.19	982.00	1107.00	1252.22
12.000	59.40	0.00	59.43	615.64	332.17	593.36	944.47	0.00	0.00	475.00	500.00	0.00
12.000	60.12	0.72	60.16	305.15	205.79	584.18	1020.03	0.21	435.34	475.00	500.00	740.49
13.000	63.58	0.00	63.60	657.68	592.52	498.60	758.88	0.00	0.00	475.00	500.00	0.00
13.000	64.24	0.66	64.27	302.45	516.47	530.64	762.89	0.26	378.38	475.00	500.00	680.83
6.100	64.89	0.00	64.90	738.11	639.29	364.87	805.85	0.00	0.00	475.00	500.00	0.00
6.100	65.58	0.69	65.59	353.08	579.28	413.44	815.28	0.23	343.91	475.00	500.00	498.99
6.200	66.40	0.00	67.24	419.22	374.51	1014.28	421.21	0.00	0.00	487.50	502.50	0.00
6.200	67.35	0.95	68.11	475.94	85.81	1094.87	629.31	0.35	483.36	487.50	502.50	1135.18
6.300	66.57	0.00	67.24	547.64	373.33	963.33	473.34	0.00	0.00	487.50	502.50	0.00
6.300	67.52	0.95	68.12	594.57	63.99	1022.74	723.27	0.37	483.95	487.50	502.50	1169.20
6.400	68.43	0.00	68.79	311.44	395.53	792.11	622.35	0.00	0.00	480.00	500.00	0.00
6.400	69.93	0.50	69.53	131.99	191.94	993.11	624.95	0.33	493.17	480.00	500.00	585.16
14.000	71.82	0.00	71.84	631.49	439.40	361.16	1009.44	0.00	0.00	480.00	500.00	0.00
14.000	72.55	0.73	72.57	291.59	290.97	408.29	1110.75	0.22	428.99	480.00	500.00	720.58

\* \*

FLOODWAY DATA, R FLOOD  
PROFILE NO. 2

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	DIFFERENCE
A -1.000	1568.	12164.	0.3	26.5	25.5	1.0
B -2.000	1181.	16297.	0.3	26.6	25.6	1.0
C -3.000	1202.	13019.	0.3	26.6	25.6	1.0
D -1.000	76.	1201.	3.5	29.3	28.4	0.7
E -1.200	76.	1209.	3.4	29.3	28.7	0.6
F -1.300	75.	1234.	3.4	29.6	29.0	0.6
G -1.400	1641.	17759.	0.2	29.6	29.3	0.6
H -4.000	3897.	19453.	0.2	29.9	29.3	0.6
I -2.100	824.	5679.	0.7	30.4	29.7	0.7
J -2.200	158.	939.	4.3	30.4	29.7	0.7
K -2.300	151.	929.	4.4	30.4	29.7	0.7
L -2.400	1465.	10491.	0.4	30.8	30.0	0.8
M -5.000	463.	3400.	1.2	31.1	30.3	0.8
N -6.000	527.	3277.	1.1	32.4	31.5	0.9
O -3.100	802.	3964.	0.9	33.8	32.8	1.0
P -3.200	102.	829.	4.3	33.7	32.8	0.9
Q -3.300	102.	833.	4.3	33.7	32.8	0.9
R -3.400	857.	4547.	0.8	34.2	33.4	0.8
S -7.000	639.	2553.	1.4	38.3	37.3	1.0
T -8.000	533.	2292.	1.4	41.0	40.0	1.0
U -9.000	648.	3212.	1.0	44.8	43.8	1.0
V -4.100	480.	2212.	1.4	47.1	46.1	1.0
W -4.200	32.	361.	8.8	47.5	46.6	0.9
X -4.300	32.	408.	7.8	48.9	48.0	0.9
Y -4.400	578.	3785.	0.8	50.2	49.5	0.7
Z -10.000	633.	3116.	1.0	51.6	50.7	0.9
aa -11.000	564.	2944.	1.1	54.2	53.2	1.0
ab -5.100	381.	2193.	1.4	57.3	56.3	1.0
ac -5.200	42.	358.	8.8	57.1	56.2	0.9
ad -5.300	267.	885.	3.6	57.7	56.8	0.9
ae -5.400	554.	3231.	1.0	58.4	57.5	0.9
af -12.000	309.	1565.	1.2	60.1	59.4	0.7
ag -13.000	302.	1472.	1.2	64.3	63.6	0.7
ah -6.100	353.	2025.	0.9	64.6	64.9	0.7
ai -6.200	672.	475.	3.8	67.4	66.4	1.0
aj -6.300	685.	576.	3.1	67.6	66.6	1.0
ak -6.400	132.	415.	4.4	68.9	68.4	0.5
al -14.000	292.	1700.	1.1	72.5	71.8	0.7

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

T1 NEW RIVER  
 T2 ONBLOW CO. N. CAROLINA  
 T3 100-YR FLOOD

J1	ICHECK	ING	NIMV	IDIR	BTRT	METRIC	MVINS	G	MBEL	PG
0.	4.	0.	0.	0.000000	0.00	0.0	23.520	0.000		

J2	NPROF	IPLDT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIN	ITRACE
1.000	0.000	-1.000	0.000	0.000	0.000	-1.000	0.000	0.000	0.000	0.000

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

110.000	200.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
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J5 LPRINT NUMBEC \*\*\*\*\*REQUESTED SECTION NUMBERS\*\*\*\*\*

-10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
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1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
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NC	0.120	0.120	0.070	0.100	0.300	0.000	0.000	0.000	0.000	0.000
QT	5.000	1754.000	3280.000	4159.000	6892.000	4159.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	10.400	0.000	0.000	0.000	0.000

A	X1	1.000	22.000	340.000	400.000	0.000	0.000	0.000	0.000	0.000
GR	26.300	0.000	25.500	100.000	200.000	23.600	200.000	23.500	249.000	18.200
GR	14.500	320.000	12.500	340.000	392.000	4.700	392.000	4.200	374.000	4.500
GR	8.800	400.000	9.000	412.000	421.000	16.000	421.000	22.000	449.000	21.500
GR	17.000	487.000	18.500	500.000	600.000	20.500	600.000	17.500	700.000	19.500
GR	19.500	2010.000	26.300	2914.000	0.000	0.000	0.000	0.000	0.000	0.000

B	X1	2.000	19.000	958.000	1002.000	3700.000	4500.000	4480.000	0.000	0.000
X4	1.000	5.400	979.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	26.300	0.000	20.900	227.000	302.000	18.200	302.000	11.500	402.000	12.500
GR	12.500	652.000	12.500	702.000	802.000	13.300	802.000	12.800	902.000	13.500
GR	6.800	966.000	5.000	966.000	997.000	6.400	997.000	12.200	1002.000	10.700
GR	10.500	1202.000	13.800	1302.000	1402.000	15.900	1402.000	26.300	2225.000	0.000

X1	3.000	25.000	1855.000	1900.000	2200.000	3400.000	3600.000	0.000	0.000	0.000
GA	26.300	0.000	20.500	1100.000	20.500	1150.000	20.500	1200.000	19.500	1250.000
GR	19.300	1300.000	14.500	1400.000	14.500	1450.000	13.000	1500.000	13.500	1600.000
GR	13.000	1700.000	14.500	1800.000	14.500	1850.000	7.600	1865.000	5.500	1865.000
GR	4.800	1880.000	6.500	1895.000	7.600	1896.000	13.500	1900.000	13.500	1940.000
GR	20.600	1955.000	11.500	2000.000	17.500	2100.000	19.800	2300.000	26.300	3200.000

X1	1.100	14.000	1450.000	1524.000	4000.000	5200.000	5800.000	0.000	0.000	0.000
GR	32.800	0.000	29.500	50.000	29.500	1450.000	15.800	1450.000	15.300	1459.000
GR	10.400	1468.000	9.300	1450.000	10.400	1494.000	15.900	1500.000	16.000	1508.000
GR	14.400	1524.000	30.000	1526.000	30.000	1800.000	32.800	5176.000	0.000	0.000
NC	0.000	0.000	0.000	0.300	0.500	0.000	0.000	0.000	0.000	0.000

X1	1.200	0.000	0.000	0.000	100.000	100.000	100.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	28.300	28.300	0.000
SB	1.100	1.600	2.800	0.000	55.000	2.000	904.000	0.750	12.600	12.600

X1	1.300	0.000	0.000	0.000	31.500	31.500	31.500	0.000	0.000	0.000
X2	0.000	0.000	1.000	26.500	30.000	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	30.000	30.000	0.000
BT	6.000	0.000	29.500	0.000	1400.000	29.500	0.000	1401.000	31.600	0.000
BT	1475.000	31.600	0.000	1476.000	30.000	0.000	1800.000	30.000	0.000	0.000
NC	0.000	0.000	0.000	0.100	0.300	0.000	0.000	0.000	0.000	0.000
GT	5.000	1703.000	3190.000	4046.000	6676.000	4046.000	0.000	0.000	0.000	0.000

X1	1.400	24.000	943.000	1033.000	100.000	100.000	100.000	0.000	0.000	0.000
GR	32.800	0.000	26.300	314.000	19.500	558.000	19.500	655.000	17.500	758.000
GR	16.500	858.000	17.000	900.000	20.500	921.000	21.500	943.000	18.500	948.000
GR	18.500	958.000	11.800	973.000	11.500	983.000	11.800	1003.000	18.500	1013.000
GR	18.400	1023.000	22.300	1033.000	14.500	1058.000	16.500	1158.000	17.000	1258.000
GR	17.500	1358.000	18.500	1458.000	26.500	2722.000	32.800	4490.000	0.000	0.000

X1	4.000	33.000	1960.000	2053.000	4200.000	3500.000	3900.000	0.000	0.000	0.000
GR	32.800	0.000	28.000	1023.000	27.500	1225.000	24.500	1355.000	22.800	1425.000
GR	20.500	1525.000	20.000	1623.000	19.500	1725.000	19.500	1825.000	20.500	1925.000
GR	20.700	1930.000	25.000	1960.000	20.500	1970.000	20.300	1975.000	13.900	1985.000
GR	13.000	2000.000	13.900	2020.000	17.700	2029.000	21.500	2030.000	20.000	2040.000
GR	25.000	2053.000	24.500	2070.000	19.500	2090.000	17.500	2125.000	16.500	2200.000
GR	21.000	2225.000	22.000	2230.000	22.500	2329.000	22.600	2425.000	20.500	2565.000
JR	26.500	2625.000	26.300	6763.000	32.800	7613.000	0.000	0.000	0.000	0.000

X1	2.100	37.000	631.000	736.000	5500.000	4000.000	4200.000	0.000	0.000	0.000
GR	32.800	0.000	28.500	216.000	28.500	316.000	28.000	416.000	26.500	516.000
GR	26.400	536.000	21.500	576.000	23.500	616.000	28.500	631.000	28.800	641.000
GR	25.500	651.000	25.300	656.000	16.100	671.000	15.500	686.000	16.410	701.000
GR	23.000	716.000	23.500	726.000	25.500	736.000	25.300	746.000	23.500	751.000

GR	23,300	816,000	22,800	916,000	22,500	1016,000	23,500	1036,000	24,000	1116,000
GR	22,500	1186,000	21,500	1187,000	21,500	1216,000	22,500	1221,000	24,500	1266,000
GR	25,000	1316,000	26,000	1416,000	25,500	1516,000	26,500	1616,000	26,800	1716,000
GR	30,000	1916,000	32,800	3146,000	0,000	0,000	0,000	0,000	0,000	0,000
NC	0,000	0,000	0,000	0,300	0,500	0,000	0,000	0,000	0,000	0,000
X1	2,200	24,000	1400,000	1470,000	100,000	100,000	100,000	0,000	0,000	0,000
X3	10,000	0,000	0,000	0,000	0,000	0,000	0,000	28,000	28,000	0,000
GR	32,800	0,000	29,500	970,000	29,000	1070,000	28,800	1170,000	28,500	1270,000
GR	28,500	1370,000	28,800	1400,000	27,500	1401,000	20,400	1402,000	19,700	1408,000
GR	16,600	1414,000	16,100	1426,000	16,600	1443,000	17,400	1451,000	20,100	1454,000
GR	21,900	1461,000	21,900	1469,000	27,400	1469,000	28,900	1470,000	28,900	1470,000
GR	28,500	1670,000	28,000	1770,000	27,500	1870,000	32,800	2137,000	0,000	0,000
SB	1,050	1,600	2,800	0,000	50,000	3,000	597,000	0,200	16,100	16,100
X1	2,300	0,000	0,000	0,000	21,000	21,000	21,000	0,000	0,000	0,000
X2	0,000	0,000	1,000	27,400	29,000	0,000	0,000	0,000	0,000	0,000
X3	10,000	0,000	0,000	0,000	0,000	0,000	0,000	29,000	0,000	0,000
BT	7,000	0,000	29,500	0,000	300,000	28,500	0,000	400,000	28,500	0,000
BT	430,000	29,000	0,000	500,000	29,000	0,000	900,000	27,500	0,000	1130,000
BT	32,800	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
X1	2,400	20,000	982,000	1077,000	100,000	100,000	100,000	0,000	0,000	0,000
GR	32,800	0,000	27,900	47,000	27,900	247,000	22,400	447,000	21,400	947,000
GR	13,800	747,000	20,400	947,000	24,900	982,000	13,800	1007,000	12,900	1022,000
GR	13,800	1042,000	21,400	1052,000	25,000	1077,000	19,000	1112,000	14,000	1117,000
GR	21,500	1152,000	22,400	1347,000	26,300	1824,000	26,300	2354,000	32,800	2845,000
NC	0,000	0,000	0,000	0,100	0,300	0,000	0,000	0,000	0,000	0,000
X1	5,000	30,000	730,000	805,000	900,000	2000,000	1400,000	0,000	0,000	0,000
GR	35,200	0,000	39,200	100,000	32,000	200,000	31,900	290,000	31,000	300,000
GR	24,500	330,000	25,300	350,000	24,500	400,000	23,000	500,000	25,500	585,000
GR	23,000	600,000	23,500	700,000	25,800	710,000	27,500	718,000	28,900	730,000
GR	26,000	735,000	26,500	745,000	22,500	760,000	18,300	765,000	17,500	785,000
GR	18,300	795,000	22,500	800,000	23,500	805,000	23,500	815,000	22,500	825,000
GR	25,000	900,000	29,000	945,000	27,500	1063,000	29,500	1100,000	33,800	1200,000
GT	5,000	1480,000	2793,000	3553,000	5899,000	3553,000	0,000	0,000	0,000	0,000
X1	6,000	27,000	750,000	830,000	2200,000	3000,000	2480,000	0,000	0,000	0,000
GR	39,400	0,000	32,500	210,000	32,500	360,000	32,300	410,000	31,500	510,000
GR	28,500	560,000	25,800	610,000	26,900	710,000	28,500	730,000	29,300	750,000
GR	28,500	755,000	27,000	765,000	19,600	775,000	19,000	790,000	19,600	805,000
GR	24,500	810,000	27,300	815,000	27,300	825,000	29,500	830,000	29,000	845,000
GR	25,800	855,000	25,500	910,000	26,500	1010,000	26,900	1110,000	27,500	1210,000
GR	32,800	1616,000	39,400	2280,000	0,000	0,000	0,000	0,000	0,000	0,000

(F)

(G)

X1	3,100	26,000	1,025,000	1,110,000	3,200,000	310,000	200,000	0,000	0,000	0,000
GR	40,000	0,000	40,000	30,000	30,500	30,400	100,000	29,500	29,500	300,000
GR	29,500	500,000	28,500	600,000	28,500	29,000	700,000	28,900	28,900	900,000
GR	29,500	1,000,000	32,500	1,015,000	32,500	29,800	1,025,000	29,700	29,700	1,045,000
GR	20,500	1,075,000	19,300	1,083,000	20,500	27,500	1,095,000	27,500	27,500	1,110,000
GR	30,500	1,135,000	28,500	1,200,000	28,000	29,300	1,300,000	34,600	34,600	1,435,000
GR	32,500	1,500,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
NC	0,000	0,000	0,000	0,300	0,500	0,000	0,000	0,000	0,000	0,000

X1	3,200	25,000	497,000	600,000	100,000	100,000	100,000	0,000	0,000	0,000
X3	10,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
GR	36,000	0,000	35,000	100,000	39,000	34,900	200,000	34,900	34,900	400,000
GR	35,000	497,000	28,500	498,000	30,000	27,300	518,000	28,500	28,500	532,000
GR	29,500	546,000	20,100	558,000	20,500	23,700	568,000	26,200	26,200	582,000
GR	29,000	588,000	29,900	593,000	31,600	33,400	598,000	34,900	34,900	600,000
GR	35,000	700,000	35,500	800,000	36,500	37,500	900,000	38,500	38,500	1,200,000
SB	1,050	1,600	2,800	0,000	40,000	820,000	5,000	2,630	21,300	21,300

X1	3,300	0,000	0,000	0,000	20,000	20,000	0,000	0,000	0,000	0,000
X2	0,000	0,000	1,000	33,300	34,900	0,000	0,000	0,000	0,000	0,000
X3	10,000	0,000	0,000	0,000	0,000	0,000	0,000	34,900	34,900	0,000
BT	7,000	0,000	35,000	0,000	400,000	0,000	34,500	497,000	55,000	0,000
BT	600,000	34,900	0,000	800,000	35,500	1,000,000	0,000	37,500	0,000	1,200,000
BT	38,500	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000

X1	3,400	27,000	1,045,000	1,100,000	100,000	100,000	100,000	0,000	0,000	0,000
GR	40,100	0,000	40,100	30,000	30,500	30,500	100,000	29,600	29,600	300,000
GR	29,600	500,000	28,600	600,000	28,600	29,100	700,000	29,000	29,000	900,000
GR	29,500	1,000,000	32,500	1,015,000	32,600	29,900	1,025,000	29,800	29,800	1,045,000
GR	20,600	1,075,000	19,400	1,083,000	20,500	27,600	1,095,000	30,500	30,500	1,110,000
GR	30,600	1,135,000	28,600	1,200,000	28,100	29,300	1,300,000	34,700	34,700	1,435,000
GR	35,300	1,500,000	39,500	1,728,000	0,000	0,000	0,000	0,000	0,000	0,000
NC	0,000	0,000	0,000	0,100	0,300	0,000	0,000	0,000	0,000	0,000

X1	7,000	29,000	1,130,000	1,212,000	600,000	4200,000	0,000	0,000	0,000	0,000
GR	42,500	0,000	42,500	150,000	39,500	290,000	300,000	35,500	35,500	400,000
GR	34,500	500,000	34,500	600,000	36,200	700,000	800,000	34,000	34,000	900,000
GR	33,500	1,000,000	34,000	1,100,000	34,000	1,115,000	1,130,000	36,800	36,800	1,150,000
GR	32,000	1,160,000	24,300	1,170,000	23,500	1,180,000	1,190,000	34,500	34,500	1,200,000
GR	35,000	1,205,000	38,500	1,212,000	38,000	1,225,000	1,235,000	34,300	34,300	1,300,000
GR	33,500	1,400,000	36,000	1,500,000	33,500	1,600,000	1,703,000	0,000	0,000	0,000
QT	5,000	1,307,000	2,484,000	3,169,000	5,290,000	0,000	0,000	0,000	0,000	0,000



J	GR	8,000	1135,000	2200,000	2800,000	2390,000	0,000	0,000	0,000
	GR	45,500	45,500	44,900	200,000	44,500	300,000	44,500	375,000
	GR	41,500	37,500	37,460	600,000	38,500	700,000	37,800	800,000
	GR	38,500	37,800	34,000	1100,000	33,500	1115,000	38,300	1120,000
	GR	39,300	36,500	36,600	1188,000	32,300	1162,000	27,200	1165,000
	GR	26,500	37,200	38,800	1200,000	38,800	1212,000	39,400	1220,000
	GR	39,500	34,500	34,800	1300,000	36,000	1390,000	39,000	1400,000
	GR	45,500	49,000	0,000	1600,000	0,000	0,000	0,000	0,000
K	X1	9,000	1070,000	5200,000	5100,000	5500,000	0,000	0,000	0,000
	GR	47,500	47,500	48,500	200,000	49,500	300,000	48,500	400,000
	GR	41,800	40,500	40,500	700,000	40,500	800,000	40,000	900,000
	GR	39,500	38,500	42,500	1095,000	42,800	1070,000	31,600	1078,000
	GR	31,000	31,600	35,500	1100,000	36,200	1107,000	41,000	1120,000
	GR	41,500	40,500	39,500	1400,000	40,500	1500,000	44,500	1630,000
L	X1	4,100	750,000	3200,000	2500,000	2880,000	0,000	0,000	0,000
	GR	51,000	49,000	48,000	225,000	46,000	350,000	45,500	400,000
	GR	45,000	44,000	43,000	700,000	43,000	750,000	34,100	765,000
	GR	35,200	36,100	43,300	800,000	43,000	900,000	43,500	1000,000
	GR	42,600	43,000	43,000	1300,000	44,000	1400,000	51,000	1600,000
	NC	0,000	0,000	0,500	0,000	0,000	0,000	0,000	0,000
	X1	4,200	930,000	120,000	120,000	120,000	0,000	0,000	0,000
	X3	10,000	0,000	0,000	0,000	0,000	47,400	47,400	0,000
	GR	52,900	49,000	48,900	542,000	48,900	862,000	48,800	930,000
	GR	36,100	36,000	48,900	961,900	48,900	1162,000	49,000	1262,000
	GR	49,300	52,900	0,000	2300,000	0,000	0,000	0,000	0,000
	SB	1,100	2,800	30,000	2,000	300,000	0,000	36,000	36,000
	X1	4,300	0,000	53,000	53,000	53,000	0,000	0,000	0,000
	X2	0,000	1,000	48,900	0,000	0,000	0,000	0,000	0,000
	X3	10,000	0,000	0,000	0,000	0,000	48,800	48,900	0,000
	BT	6,000	49,000	100,000	48,900	0,000	400,000	48,900	0,000
	BT	500,000	0,000	48,900	0,000	900,000	49,000	0,000	0,000
	X1	4,400	845,000	100,000	100,000	100,000	0,000	0,000	0,000
	GR	52,500	51,500	51,500	225,000	49,500	270,000	48,500	390,000
	GR	46,500	46,300	45,500	645,000	44,400	745,000	43,500	845,000
	GR	43,500	36,600	35,900	920,000	36,600	920,000	43,500	945,000
	GR	43,500	46,200	52,800	1800,000	0,000	0,000	0,000	0,000
	NC	0,000	0,000	0,300	0,100	0,000	0,000	0,000	0,000

X1	10,000	18,000	470,000	500,000	3200,000	3750,000	0,000	0,000	0,000	0,000
GR	53,000	0,000	53,000	100,000	200,000	44,000	303,000	48,800	400,000	400,000
GR	46,500	470,000	39,600	479,000	499,000	39,600	490,000	46,000	900,000	900,000
GR	43,500	600,000	48,500	700,000	900,000	47,900	1000,000	47,800	1100,000	1100,000
GR	48,500	1200,000	50,500	1300,000	1400,000	0,000	0,000	0,000	0,000	0,000
X1	11,000	21,000	980,000	1000,000	3700,000	3830,000	0,000	0,000	0,000	0,000
GR	60,500	0,000	60,500	100,000	200,000	56,500	300,000	59,500	400,000	400,000
GR	54,500	500,000	49,500	590,000	600,000	49,400	700,000	48,800	760,000	760,000
GR	48,700	800,000	49,000	900,000	990,000	48,300	999,000	48,500	992,000	992,000
GR	43,300	998,000	50,300	1000,000	1100,000	48,800	1200,000	48,800	1288,000	1288,000
GR	54,500	1400,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
X1	5,100	16,000	786,000	886,000	4300,000	3900,000	0,000	0,000	0,000	0,000
GR	59,400	0,000	59,400	386,000	436,000	53,300	686,000	50,300	786,000	786,000
GR	52,500	861,000	46,800	866,000	871,000	46,800	876,000	51,300	884,000	884,000
GR	52,000	986,000	51,800	1086,000	1136,000	53,900	1186,000	56,700	1286,000	1286,000
GR	59,400	1652,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
NC	0,000	0,000	0,000	0,300	0,000	0,500	0,000	0,000	0,000	0,000
X1	5,200	20,000	825,000	867,000	50,000	50,000	50,000	0,000	0,000	0,000
X3	10,000	0,000	0,000	0,000	0,000	0,000	0,000	54,600	0,000	0,000
GR	59,400	0,000	56,200	367,000	417,000	56,000	467,000	59,600	567,000	567,000
GR	53,500	667,000	53,500	825,000	827,000	47,300	837,000	47,000	842,000	842,000
GR	45,500	847,000	47,000	894,000	897,000	51,200	864,000	52,000	869,000	869,000
GR	53,600	867,000	53,600	957,000	1167,000	56,500	1267,000	59,400	1476,000	1476,000
SB	1,100	1,600	2,800	0,000	1,000	220,000	0,590	48,200	48,800	48,800
ET	0,000	0,000	0,000	0,000	6,400	0,000	0,000	0,000	0,000	0,000
X1	5,300	0,000	0,000	0,000	21,000	21,000	0,000	0,000	0,000	0,000
X2	0,000	0,000	1,000	53,700	0,000	0,000	0,000	0,000	0,000	0,000
X3	10,000	0,000	0,000	0,000	0,000	0,000	55,500	55,500	0,000	0,000
BT	8,000	0,000	59,400	0,000	56,200	0,000	467,000	56,000	0,000	0,000
BT	667,000	55,500	0,000	967,000	0,000	1067,000	53,800	0,000	1267,000	1267,000
BT	56,500	0,000	1496,000	59,400	0,000	0,000	0,000	0,000	0,000	0,000
X1	5,400	16,000	982,000	1107,000	100,000	100,000	0,000	0,000	0,000	0,000
GR	59,400	0,000	59,500	907,000	937,000	59,800	807,000	59,000	907,000	907,000
GR	53,000	982,000	47,100	987,000	992,000	47,100	997,000	51,800	1007,000	1007,000
GR	52,300	1107,000	52,300	1207,000	1297,000	56,200	1307,000	57,000	1407,000	1407,000
GR	59,400	1519,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
BT	5,000	714,000	1402,000	1810,000	1810,000	0,000	0,000	0,000	0,000	0,000
NC	0,000	0,000	0,000	0,100	0,300	0,300	0,000	0,000	0,000	0,000

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X1	12,000	16,000	478,000	500,000	3000,000	2370,000	0,000	0,000	0,000	400,000
GR	66,500	0,000	66,500	100,000	200,000	99,000	200,000	20,500	0,000	0,000
GR	54,000	478,000	49,400	480,000	480,000	49,400	499,000	54,500	0,000	0,000
GR	54,500	500,000	95,500	600,000	700,000	97,500	600,000	50,500	0,000	0,000
GR	66,000	1128,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
ET	0,000	0,000	0,000	0,000	7,400	0,000	0,000	0,000	0,000	0,000
X1	13,000	16,000	475,000	500,000	5000,000	3260,000	0,000	0,000	0,000	0,000
GR	66,500	0,000	66,500	50,000	65,000	63,000	200,000	62,000	0,000	0,000
GR	59,500	400,000	59,500	475,000	480,000	54,200	489,000	54,500	0,000	0,000
GR	60,500	500,000	59,500	600,000	700,000	62,000	600,000	64,500	0,000	0,000
GR	66,000	1325,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
X1	6,100	16,000	475,000	500,000	2150,000	2250,000	0,000	0,000	0,000	0,000
GR	67,000	0,000	67,000	50,000	66,000	64,000	200,000	62,000	0,000	0,000
GR	59,500	400,000	60,000	475,000	55,000	54,900	490,000	58,500	0,000	0,000
GR	61,000	500,000	59,500	600,000	61,000	65,000	600,000	65,500	0,000	0,000
GR	72,000	1443,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
NC	0,000	0,000	0,000	0,300	0,900	0,000	0,000	0,000	0,000	0,000
X1	6,200	29,000	487,500	502,500	100,000	100,000	0,000	0,000	0,000	0,000
X3	10,000	0,000	0,000	0,000	0,000	0,000	64,600	64,600	0,000	0,000
GR	74,000	0,000	72,500	50,000	70,500	67,000	300,000	66,300	0,000	0,000
GR	66,300	474,000	60,300	478,000	60,300	58,440	488,330	57,940	0,000	0,000
GR	57,800	490,000	57,940	490,830	58,440	60,300	492,500	60,300	0,000	0,000
GR	58,440	498,330	57,940	499,660	57,800	57,940	500,830	58,440	0,000	0,000
GR	60,300	502,500	60,300	507,660	60,800	66,300	515,000	66,600	0,000	0,000
GR	67,600	800,000	67,600	900,000	65,900	72,000	1995,000	0,000	0,000	0,000
SB	1,000	1,600	2,800	0,000	8,050	39,000	0,000	57,800	0,000	57,800
X1	6,300	0,000	0,000	0,000	49,600	49,600	0,000	0,000	0,000	0,000
X2	0,000	0,000	1,000	62,800	66,300	0,000	0,000	0,000	0,000	0,000
X3	10,000	0,000	0,000	0,000	0,000	0,000	66,300	66,300	0,000	0,000
BT	26,000	0,000	74,000	0,000	100,000	0,000	200,000	69,000	0,000	0,000
BT	300,000	67,000	0,000	400,000	66,300	474,000	66,300	0,000	0,000	487,500
BT	66,300	60,300	488,330	66,300	489,160	66,300	62,670	490,000	66,300	66,300
BT	62,800	490,830	60,300	62,670	491,660	62,160	492,500	66,300	60,300	60,300
BT	497,500	66,300	60,300	498,330	66,300	499,660	66,300	62,670	300,000	300,000
BT	66,300	62,800	500,830	66,300	501,660	66,300	62,160	502,500	66,300	66,300
BT	60,300	915,000	66,300	0,000	66,500	0,000	800,000	67,800	0,000	0,000
BT	900,000	67,800	0,000	1200,000	65,300	1995,000	72,000	0,000	0,000	0,000
X1	6,400	14,000	480,000	500,000	100,000	100,000	0,000	0,000	0,000	0,000
GR	77,900	0,000	77,900	50,000	77,200	74,400	300,000	72,400	0,000	0,000
GR	66,400	400,000	66,300	480,000	61,700	61,100	490,000	61,700	0,000	0,000
GR	66,300	500,000	66,400	600,000	70,400	70,900	900,000	0,000	0,000	0,000
NC	0,000	0,000	0,000	0,100	0,300	0,000	0,000	0,000	0,000	0,000



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 HEC2 RELEASE DATED NOV 74 UPDATED APR 1980  
 ERROR CORR - 01.02.03.04  
 MODIFICATION - 50.51.52.53.54  
 \*\*\*\*\*

T1 NEW RIVER  
 T2 ONBLOW CO.  
 T3 FLOODWAY

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	0.	6.	0.	0.	0.000000	0.00	0.0	0.	26.520	0.000
J2	NPROF	IPLOT	PRFS	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

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

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 MEC2 RELEASE DATED NOV 76 UPDATED APRIL 1980  
 ERROR CORR - 01,02,03,04  
 MODIFICATION - 50,51,52,53,54  
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NOTE-- ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

R FLOOD

SUMMARY PRINTOUT TABLE 110

SECD	CWSEL	DIFKMS	EG	TOPMID	QLOD	GCH	OROB	PERENC	STENCL	STCHL	STCHR	STENCR
1.000	25.52	0.00	25.52	2712.81	216.51	1069.51	2872.97	0.00	0.00	340.00	400.00	0.00
1.000	26.52	1.00	26.52	1567.71	0.00	1082.07	3106.93	0.20	340.00	340.00	400.00	1907.71
2.000	25.60	0.00	25.60	2140.02	2032.87	385.30	1740.83	0.00	0.00	958.00	1002.00	0.00
2.000	26.60	1.00	26.60	1180.81	2006.28	420.22	1732.50	0.19	376.08	958.00	1002.00	1556.97
3.000	25.65	0.00	25.65	2986.07	2399.82	536.23	1222.95	0.00	0.00	1855.00	1900.00	0.00
3.000	26.65	1.00	26.65	1201.55	2473.16	583.89	1099.94	0.18	1097.09	1855.00	1900.00	2298.64
1.100	28.57	0.00	28.77	75.68	0.00	4159.00	0.00	0.00	0.00	1450.00	1526.00	0.00
1.100	29.23	0.66	29.41	75.86	0.00	4159.00	0.00	0.00	1450.00	1450.00	1526.00	1526.00
1.200	28.68	0.00	28.88	75.71	0.00	4159.00	0.00	0.00	0.00	1450.00	1526.00	0.00
1.200	29.33	0.64	29.51	75.89	0.00	4159.00	0.00	0.01	1450.00	1450.00	1526.00	1526.00
1.300	29.02	0.00	29.21	75.80	0.00	4159.00	0.00	0.00	0.00	1450.00	1526.00	0.00
1.300	29.66	0.64	29.84	75.96	0.00	4159.00	0.00	0.04	1450.00	1450.00	1526.00	1526.00
1.400	29.23	0.00	29.23	3346.84	1082.76	478.16	2485.08	0.00	0.00	943.00	1033.00	0.00
1.400	29.86	0.63	29.86	1641.33	880.19	544.57	2621.24	0.17	603.42	943.00	1033.00	2244.75
4.000	29.29	0.00	29.29	6404.06	1235.42	477.45	2333.13	0.00	0.00	1960.00	2053.00	0.00
4.000	29.92	0.64	29.92	3897.49	846.10	575.27	2624.63	0.27	1636.49	1960.00	2053.00	5533.98
2.100	29.68	0.00	29.68	1738.69	449.66	941.67	2654.67	0.00	0.00	631.00	736.00	0.00
2.100	30.36	0.68	30.37	823.64	18.14	1154.73	2873.13	0.25	617.56	631.00	736.00	1441.19
2.200	29.67	0.00	29.93	1062.67	208.96	3389.77	447.27	0.00	0.00	1400.00	1470.00	0.00
2.200	30.32	0.65	30.68	197.68	0.00	3943.69	97.31	0.31	1400.00	1400.00	1470.00	1557.68
2.300	29.67	0.00	29.93	1059.85	206.44	3395.41	444.15	0.00	0.00	1400.00	1470.00	0.00
2.300	30.32	0.65	30.68	190.64	0.00	3956.56	89.44	0.31	1400.00	1400.00	1470.00	1550.64

SECNO	CMBEL	DIFAMS	EG	TOPMID	QLOB	QCH	GR0B	PERENC	STENCL	STCHL	STCHR	STENCR
2.400	30.01	0.00	30.01	1607.42	1146.45	853.20	2044.35	0.00	0.00	982.00	1077.00	0.00
2.400	30.74	0.78	30.80	1422.08	950.48	993.49	2102.03	0.23	484.64	982.00	1077.00	1950.72
5.000	30.35	0.00	30.37	816.68	2095.12	1178.58	772.30	0.00	0.00	730.00	805.00	0.00
5.000	31.15	0.81	31.18	463.26	2113.26	1421.46	511.18	0.23	412.54	730.00	805.00	875.89
6.000	31.50	0.00	31.52	1006.32	771.87	1078.83	1482.30	0.00	0.00	750.00	830.00	0.00
6.000	32.39	0.89	32.41	526.96	470.10	1323.65	1739.25	0.26	644.12	750.00	830.00	1171.09
3.100	32.75	0.00	32.77	1344.11	1863.03	966.90	723.07	0.00	0.00	1025.00	1110.00	0.00
3.100	33.72	0.96	33.74	802.18	2063.40	1209.02	284.97	0.30	413.48	1025.00	1110.00	1215.66
3.200	32.81	0.00	33.17	101.33	0.00	3593.00	0.00	0.00	0.00	497.00	600.00	0.00
3.200	33.75	0.94	34.03	102.04	0.00	3593.00	0.00	0.00	497.00	497.00	600.00	600.00
3.300	32.85	0.00	33.21	101.36	0.00	3593.00	0.00	0.00	0.00	497.00	600.00	0.00
3.300	33.79	0.94	34.07	102.07	0.00	3593.00	0.00	0.00	497.00	497.00	600.00	600.00
3.400	33.35	0.00	33.37	1344.06	1923.14	882.96	746.91	0.00	0.00	1045.00	1100.00	0.00
3.400	34.19	0.83	34.21	857.34	2120.63	1094.90	377.47	0.27	376.21	1045.00	1100.00	1233.95
7.000	37.34	0.00	37.37	1184.54	1640.35	1197.49	755.16	0.00	0.00	1130.00	1212.00	0.00
7.000	38.33	1.00	38.38	630.07	1818.24	1465.33	267.44	0.36	688.63	1130.00	1212.00	1293.21
8.000	39.95	0.00	39.99	975.97	1212.41	1154.85	801.74	0.00	0.00	1135.00	1220.00	0.00
8.000	40.94	0.98	40.99	532.66	1327.64	1478.30	363.06	0.33	798.03	1135.00	1220.00	1290.69
9.000	43.82	0.00	43.84	1293.23	1458.77	829.67	880.56	0.00	0.00	1070.00	1120.00	0.00
9.000	44.83	1.01	44.86	668.16	1547.31	996.24	625.45	0.32	676.33	1070.00	1120.00	1344.49
4.100	46.15	0.00	46.19	1120.69	479.20	1103.19	1586.60	0.00	0.00	750.00	800.00	0.00
4.100	47.15	1.00	47.22	479.66	97.26	1341.52	1730.22	0.35	725.44	750.00	800.00	1205.09
4.200	46.56	0.00	47.97	31.89	0.00	3169.00	0.00	0.00	0.00	930.00	962.00	0.00
4.200	47.47	0.91	48.66	31.94	0.00	3169.00	0.00	0.00	930.00	930.00	962.00	962.00
4.300	47.99	0.00	49.08	31.96	0.00	3169.00	0.00	0.00	0.00	930.00	962.00	0.00
4.300	48.89	0.91	49.83	32.00	0.00	3169.00	0.00	0.00	930.00	930.00	962.00	962.00
4.400	49.44	0.00	49.45	1320.12	827.07	1053.74	1238.19	0.00	0.00	845.00	945.00	0.00
4.400	50.14	0.71	50.16	576.98	652.86	1290.65	1245.48	0.26	667.24	845.00	945.00	1246.22
10.000	50.73	0.00	50.75	1144.65	876.80	594.29	1697.90	0.00	0.00	470.00	500.00	0.00
10.000	51.59	0.86	51.62	632.10	565.42	713.63	1889.95	0.30	364.40	470.00	500.00	996.51
11.000	53.18	0.00	53.19	870.26	1520.82	286.81	1361.37	0.00	0.00	980.00	1000.00	0.00
11.000	54.16	0.95	54.18	563.80	1544.47	394.33	1270.20	0.30	677.46	980.00	1000.00	1241.26
9.100	56.34	0.00	56.36	971.60	831.91	1105.18	1231.91	0.00	0.00	786.00	886.00	0.00
9.100	57.34	1.00	57.38	381.46	674.04	1452.00	1042.93	0.32	669.07	786.00	886.00	1050.53

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SECNO	CWSEL	DIFKWS	EG	TOPWID	GLOB	GCH	GRDP	PERENC	STENCL	STCHL	STCHR	STENCR
5.200	56.20	0.00	57.28	800.74	241.73	2822.08	105.19	0.00	0.00	825.00	867.00	0.00
5.200	57.12	0.92	58.33	42.00	0.00	3169.00	0.00	0.40	825.00	825.00	867.00	867.00
5.300	56.83	0.00	57.28	997.47	595.83	2214.94	358.23	0.00	0.00	825.00	867.00	0.00
5.300	57.75	0.92	58.21	266.90	627.83	2383.16	158.01	0.31	648.90	825.00	867.00	915.80
5.400	57.48	0.00	57.50	1179.74	1243.62	1161.65	763.74	0.00	0.00	982.00	1107.00	0.00
5.400	58.39	0.91	58.41	554.03	1238.25	1344.69	566.06	0.20	668.19	982.00	1107.00	1222.22
12.000	59.40	0.00	59.43	615.64	332.17	533.36	944.47	0.00	0.00	475.00	500.00	0.00
12.000	60.12	0.72	60.16	305.15	209.79	584.18	1020.02	0.21	439.34	475.00	500.00	740.50
13.000	63.58	0.00	63.60	657.68	592.52	458.60	758.88	0.00	0.00	475.00	500.00	0.00
13.000	64.24	0.66	64.27	302.45	516.47	530.64	762.89	0.26	378.38	475.00	500.00	680.83
6.100	64.89	0.00	64.90	738.11	639.29	364.87	805.85	0.00	0.00	475.00	500.00	0.00
6.100	65.58	0.69	65.59	353.08	579.28	415.44	815.28	0.23	345.91	475.00	500.00	698.99
6.200	66.40	0.00	67.24	419.22	374.51	1014.28	421.21	0.00	0.00	487.50	502.50	0.00
6.200	67.35	0.95	68.11	475.94	85.81	1094.87	629.31	0.35	483.36	487.50	502.50	1155.18
6.300	66.57	0.00	67.24	547.64	373.33	963.33	473.34	0.00	0.00	487.50	502.50	0.00
6.300	67.52	0.95	68.12	554.57	64.00	1022.74	723.26	0.37	483.95	487.50	502.50	1169.20
6.400	68.43	0.00	68.79	311.44	395.53	792.11	622.35	0.00	0.00	480.00	500.00	0.00
6.400	68.93	0.50	69.53	131.99	191.94	993.11	624.95	0.33	453.17	480.00	500.00	585.16
14.000	71.82	0.00	71.84	631.49	439.40	361.16	1009.44	0.00	0.00	480.00	500.00	0.00
14.000	72.55	0.73	72.57	291.59	290.97	408.29	1110.75	0.22	428.99	480.00	500.00	720.58

\* \*

FLOODWAY DATA, R FLOOD  
PROFILE NO. 2

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	DIFFERENCE
A 1.000	156B	12164.	0.3	26.5	25.5	1.0
B 2.000	1181	16297.	0.3	26.6	25.6	1.0
C 3.000	1202	13019.	0.3	26.6	25.6	1.0
D 1.100	76	1201.	3.5	29.3	28.6	0.7
D 1.200	76	1209.	3.4	29.3	28.7	0.6
E 1.300	76	1234.	3.4	29.6	29.0	0.6
E 1.400	1641	17759.	0.2	29.8	29.2	0.6
F 4.000	3897	19453.	0.2	29.9	29.3	0.6
F 2.100	824	5699.	0.7	30.4	29.7	0.7
F 2.200	158	939.	4.3	30.4	29.7	0.7
F 2.300	151	928.	4.4	30.4	29.7	0.7
G 2.400	1466	10491.	0.4	30.8	30.0	0.8
G 5.000	463	3400.	1.2	31.1	30.3	0.8
H 6.000	527	3277.	1.1	32.4	31.5	0.9
H 3.100	802	3964.	0.9	33.8	32.8	1.0
H 3.200	102	829.	4.3	33.7	32.8	0.9
H 3.300	102	833.	4.3	33.7	32.8	0.9
H 3.400	857	4547.	0.8	34.2	33.4	0.8
I 7.000	2553	2553.	1.4	38.3	37.3	1.0
J 8.000	533	2292.	1.4	41.0	40.0	1.0
J 9.000	568	3212.	1.0	44.8	43.8	1.0
K 4.100	480	2212.	1.4	47.1	46.1	1.0
L 4.200	32	361.	8.8	47.5	46.6	0.9
L 4.300	32	407.	7.8	48.9	48.0	0.9
L 4.400	577	3765.	0.8	50.1	49.4	0.7
M 10.000	632	3106.	1.0	51.6	50.7	0.9
M 11.000	564	2943.	1.1	54.2	53.2	1.0
N 5.100	381	2193.	1.4	57.3	56.3	1.0
N 5.200	42	358.	8.8	57.1	56.2	0.9
N 5.300	267	885.	3.6	57.7	56.8	0.9
N 5.400	554	3231.	1.0	58.4	57.5	0.9
O 12.000	305	1565.	1.2	60.1	59.4	0.7
P 3.000	302	1472.	1.2	64.3	63.6	0.7
P 6.100	353	2025.	0.9	65.6	64.9	0.7
Q 6.200	672	475.	3.8	67.4	66.4	1.0
Q 6.300	685	574.	3.1	67.6	66.6	1.0
R 6.400	132	415.	4.4	68.9	68.4	0.5
R 14.000	292.	1700.	1.1	72.5	71.8	0.7

THIS RUN EXECUTED 22 DEC 81 11:33:14

\*\*\*\*\*  
 ME22 RELEASE DATED NOV 76 UPDATED APR1 1980  
 ERROR CORR - 01:02:03:04  
 MODIFICATION - 50:51:52:53:54  
 \*\*\*\*\*

T1 NEW RIVER (ONSLOW)  
 T2 ONSLOW COUNTY  
 T3 BASE FLOOD

J1	ICHECK	INO	4	NIN	IDIR	STRT	METRIC	IVINS	0	USEL	FC
-0.	-0.	4.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	25.520	-0.

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

2.00000	110.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
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J5 LPRMT NUMSEC

-10.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
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J5 IHLEG ICOPY

1.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
.120	1754.000	.120	3280.000	.070	4159.000	6052.000	4159.000	10.400	-0.	-0.	-0.
5.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.

J5 NC

1.000	22.000	340.000	400.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
26.300	.0.	25.500	193.000	20.600	20.000	23.500	249.000	18.02	-0.	-0.	-0.
14.500	320.000	12.500	340.000	4.700	352.000	4.200	374.000	4.50	-0.	-0.	-0.
8.000	400.000	9.000	412.000	16.000	421.000	22.000	449.000	21.5	-0.	-0.	-0.
17.000	487.000	16.500	500.000	20.500	600.000	17.500	700.000	19.5	-0.	-0.	-0.
19.500	2010.000	26.300	2914.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.

J5 X1

2.000	19.000	958.000	1902.000	18.200	18.200	12.200	1682.000	16.7	-0.	-0.	-0.
1.000	5.400	979.000	-0.	18.200	302.000	11.500	402.000	13.500	-0.	-0.	-0.
26.300	-0.	20.000	227.000	13.300	802.000	12.800	952.000	13.500	-0.	-0.	-0.
12.500	652.000	12.500	782.000	6.400	977.000	12.200	1682.000	16.7	-0.	-0.	-0.
6.000	966.000	5.000	966.000	15.900	1402.000	26.300	2225.000	-0.	-0.	-0.	-0.
10.500	1202.000	13.000	1302.000	15.900	1402.000	26.300	2225.000	-0.	-0.	-0.	-0.

*good up to Section 12*  
**VOID**

\*\*\*\*\*REQUESTED SECTION NUMBERS\*\*\*\*\*

4450  
 4303.000

X1	3.000	25.000	1855.000	1900.000	2100.000	1500.000	1150.000	3198.000	1200.000	19.500	-0.	-0.
GR	26.300	-0.	20.500	1100.000	20.500	20.500	1150.000	20.500	1200.000	19.500	1253.000	-0.
GA	19.300	1300.000	14.500	1400.000	14.500	14.500	1450.000	1500.000	1500.000	13.500	1606.000	-0.
GR	13.000	1700.000	14.500	1800.000	14.500	14.500	1855.000	1865.000	1865.000	5.500	1866.000	-0.
GA	4.800	1800.000	6.500	1895.000	7.000	7.000	1896.000	1900.000	1900.000	13.300	1940.000	-0.
GR	20.600	1955.000	11.500	2000.000	17.500	17.500	2100.000	19.000	2300.000	26.000	3205.000	-0.
X1	1.100	14.000	1450.000	1526.000	4000	4000	5225.000	5225.000	-0.	-0.	1459.000	-0.
GR	32.800	-0.	29.500	50.000	29.500	29.500	1450.000	15.000	1452.000	15.300	1508.000	-0.
GR	10.400	1468.000	9.300	1480.000	10.400	10.400	1494.000	15.900	1506.000	16.000	1508.000	-0.
GR	14.400	1524.000	30.000	1526.000	30.000	30.000	1800.000	32.800	5176.000	-0.	-0.	-0.
NC	-0.	-0.	.070	.300	.500	.500	-0.	-0.	-0.	-0.	-0.	-0.
X1	1.200	-0.	-0.	-0.	500.000	500.000	500.000	100	-0.	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	28.300	28.300	-0.	-0.
SB	1.100	1.600	2.800	0.	2.000	2.000	904.000	750	12.000	12.000	12.000	-0.
X1	1.300	6.	0.	0.	31.500	31.500	31.500	31.500	-0.	-0.	-0.	-0.
X2	0.	0.	1.000	26.600	0.	0.	0.	0.	-0.	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	30.000	30.000	-0.	-0.
BT	6.000	-0.	29.500	1400.000	1400.000	1400.000	29.500	-0.	1401.000	31.600	-0.	-0.
BT	1475.000	31.600	-0.	30.000	30.000	30.000	1800.000	39.000	-0.	-0.	-0.	-0.
NC	-0.	-0.	.070	.100	.300	.300	-0.	-0.	-0.	-0.	-0.	-0.
QT	5.000	1703.000	3190.000	4046.000	6676.000	6676.000	4046.000	-0.	-0.	-0.	-0.	-0.
X1	1.400	24.000	943.000	1033.000	100.000	100.000	100.000	100.000	-0.	-0.	-0.	-0.
GR	32.500	-0.	26.300	31.000	19.500	19.500	558.000	19.500	658.000	17.500	758.000	-0.
GR	16.500	658.000	17.000	970.000	20.500	20.500	921.000	21.500	943.000	18.500	948.000	-0.
GR	18.500	958.000	11.800	973.000	11.500	11.500	983.000	11.800	1003.000	16.500	1013.000	-0.
GR	16.400	1023.000	22.300	1033.000	14.500	14.500	1058.000	16.500	1158.000	17.000	1258.000	-0.
GR	17.500	1358.000	18.500	1458.000	26.300	26.300	1722.000	32.800	4490.000	-0.	-0.	-0.
X1	4.000	33.000	1900.000	2053.000	2000.000	2000.000	2053.000	2000.000	-0.	-0.	-0.	-0.
GR	32.000	-0.	28.000	1025.000	27.500	27.500	1025.000	24.500	1355.000	22.000	1425.000	-0.
GR	20.500	1525.000	20.000	1625.000	19.500	19.500	1725.000	19.500	1825.000	20.500	1925.000	-0.
GR	20.700	1930.000	25.000	1960.000	20.500	20.500	1970.000	20.300	1975.000	19.500	1995.000	-0.
GR	33.000	2000.000	13.900	2020.000	17.700	17.700	2025.000	21.500	2030.000	20.000	2040.000	-0.
GR	25.000	2053.000	24.500	2070.000	19.500	19.500	2090.000	17.500	2125.000	16.500	2200.000	-0.
GR	21.000	2225.000	22.000	2230.000	22.500	22.500	2325.000	22.600	2425.000	20.500	2565.000	-0.
GR	26.400	2625.000	26.300	6768.000	32.800	32.800	7613.000	-0.	-0.	-0.	-0.	-0.
X1	2.100	37.000	631.000	736.000	4500.000	4500.000	736.000	3700.000	-0.	-0.	-0.	-0.
GR	32.000	-0.	28.500	216.000	28.500	28.500	316.000	26.000	416.000	26.500	516.000	-0.
GR	26.400	536.000	21.500	576.000	23.500	23.500	616.000	28.500	631.000	28.000	641.000	-0.
GR	25.500	651.000	25.300	656.000	16.100	16.100	671.000	15.500	686.000	16.400	711.000	-0.
GR	23.000	716.000	23.500	726.000	25.500	25.500	736.000	25.500	746.000	23.500	751.000	-0.

GR	23.300	816.000	916.000	22.500	1016.000	23.500	1036.000	24.000	1116.000
GR	22.500	1186.000	1287.000	21.500	1216.000	22.500	1221.000	24.500	1266.000
GR	25.000	1316.000	1416.000	25.500	1516.000	-0.	1616.000	26.800	1716.000
GR	30.000	1916.000	3146.000	-0.	-0.	-0.	-0.	-0.	-0.
NC	-0.	-0.	.300	.500	-0.	-0.	-0.	-0.	-0.
X1	2.200	24.000	1470.000	100.000	100.000	100.000	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	28.000	28.000	-0.
GR	32.800	-0.	970.000	29.000	1070.000	26.800	1170.000	28.500	1270.000
GR	28.500	1370.000	1400.000	27.300	1401.000	20.400	1402.000	19.700	1403.000
GR	16.600	1414.000	1426.000	16.600	1443.000	17.400	1451.000	20.100	1454.000
GR	21.900	1461.000	1465.000	27.400	1469.000	20.900	1470.000	20.900	1570.000
GR	28.000	1670.000	1770.000	27.500	1670.000	32.800	2137.000	-0.	-0.
SB	1.050	1.600	0.	50.000	3.000	597.000	.200	16.100	16.100
X1	2.300	0.	0.	21.000	21.000	21.000	-0.	-0.	-0.
X2	-0.	-0.	27.000	29.000	-0.	-0.	-0.	-0.	-0.
X3	10.000	6.000	-0.	-0.	-0.	-0.	29.000	29.000	-0.
BT	7.000	-0.	-0.	300.000	28.500	-0.	400.000	28.500	-0.
BT	430.000	29.000	500.000	29.000	-0.	900.000	27.500	-0.	1130.000
BT	32.800	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
X1	2.400	20.000	1077.000	100.000	100.000	100.000	-0.	-0.	-0.
GR	32.800	-0.	47.000	27.900	247.000	22.400	447.000	22.400	547.000
GR	29.400	747.000	947.000	24.900	982.000	13.800	1007.000	12.900	1022.000
GR	13.800	1042.000	1052.000	25.000	1077.000	19.000	1112.000	16.000	1117.000
GR	21.500	1152.000	1347.000	25.300	1824.000	26.300	2354.000	32.800	2845.000
NC	-0.	-0.	.970	.200	-0.	-0.	-0.	-0.	-0.
X1	5.000	30.000	805.000	730.000	2410.000	445.000	-0.	-0.	-0.
GR	35.200	0.	107.000	32.000	200.000	31.900	250.000	31.000	300.000
GR	24.500	330.000	350.000	24.500	400.000	23.000	500.000	25.500	545.000
GR	23.000	600.000	700.000	25.000	718.000	27.500	718.000	28.500	735.000
GR	26.000	735.000	745.000	26.500	760.000	18.300	765.000	17.500	785.000
GR	16.300	795.000	600.000	22.500	825.000	25.500	615.000	22.500	625.000
GR	25.000	900.000	945.000	29.000	1065.000	29.500	1110.000	23.000	1210.000
UT	5.000	1480.000	3553.000	5899.000	3553.000	-0.	-0.	-0.	-0.
X1	0.000	27.000	830.000	750.000	3400.000	250.000	410.000	-0.	-0.
GR	39.400	-0.	210.000	32.500	300.000	32.300	410.000	31.500	510.000
GR	26.500	560.000	610.000	26.500	710.000	26.500	735.000	29.300	750.000
GR	28.500	755.000	765.000	19.000	775.000	19.000	775.000	19.000	785.000
GR	24.500	810.000	815.000	27.300	825.000	29.500	830.000	29.000	845.000
GR	25.000	655.000	910.000	26.500	1010.000	26.500	1110.000	27.500	1210.000
GR	32.000	1616.000	220.000	-0.	-0.	-0.	-0.	-0.	-0.

X1	30.100	26.000	1025.000	1110.000	<del>400.000</del> 30.500	3106.000	-0.	-0.	30.500
GR	40.000	0.	40.000	30.000	30.500	30.400	29.500	29.500	30.500
GR	29.500	500.000	28.500	600.000	28.500	29.000	28.000	28.000	950.000
GR	29.500	1000.000	32.500	1015.000	32.500	29.800	29.700	29.700	1000.000
GR	20.500	1075.000	19.300	1083.000	1095.000	27.500	20.500	20.500	1100.000
GR	30.500	1135.000	28.500	1200.000	28.000	29.300	34.600	34.600	1435.000
GR	35.000	1500.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.
NC	-0.	-0.	0.070	0.300	-0.	-0.	-0.	-0.	-0.

X1	30.200	25.000	497.000	650.000	<del>100.000</del> 100.000	820.000	-0.	-0.	34.000
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
GR	30.000	0.	35.000	140.000	200.000	34.900	34.500	34.500	410.000
GR	25.000	497.000	28.500	498.000	518.000	27.300	25.500	25.500	530.000
GR	20.500	540.000	20.100	558.000	568.000	25.700	26.200	26.200	580.000
GR	29.000	580.000	29.900	593.000	598.000	33.400	34.500	34.500	600.000
GR	35.000	700.000	35.500	800.000	900.000	37.500	38.500	38.500	1200.000
SB	1.050	1.600	2.000	0.	5.000	820.000	21.500	21.500	21.300

X1	30.300	0.	0.	0.	20.000	20.000	-0.	-0.	-0.
X2	-0.	-0.	1.000	33.300	-0.	-0.	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
BT	7.000	0.	35.000	-0.	34.500	497.000	35.000	35.000	60.000
BT	60.000	34.900	-0.	900.000	-0.	100.000	-0.	-0.	120.000
BT	38.500	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.

X1	30.400	27.000	1005.000	1100.000	100.000	100.000	-0.	-0.	30.000
GR	40.000	0.	40.000	30.000	30.000	30.500	29.500	29.500	30.000
GR	29.600	500.000	28.600	600.000	28.600	29.100	29.000	29.000	600.000
GR	20.500	1000.000	32.500	1015.000	1025.000	29.900	20.500	20.500	1000.000
GR	20.600	1075.000	19.400	1083.000	1095.000	27.600	31.500	31.500	1100.000
GR	30.500	1135.000	28.600	1200.000	1200.000	29.300	34.700	34.700	1435.000
GR	35.000	1500.000	39.500	1720.000	-0.	-0.	-0.	-0.	-0.
NC	-0.	-0.	0.370	0.100	-0.	-0.	-0.	-0.	-0.

X1	70.000	29.000	1130.000	1212.000	<del>500.000</del> 500.000	3169.000	-0.	-0.	30.000
GR	40.000	0.	42.500	150.000	30.000	39.500	35.000	35.000	40.000
GR	20.500	500.000	34.500	600.000	36.000	35.500	34.000	34.000	600.000
GR	30.500	1000.000	34.300	1100.000	1115.000	37.300	36.000	36.000	1100.000
GR	32.000	1160.000	24.300	1170.000	1189.000	34.300	24.500	24.500	1200.000
GR	35.000	1205.000	38.500	1212.000	1220.000	34.200	34.300	34.300	1300.000
GR	35.000	1400.000	36.000	1500.000	1600.000	39.400	-0.	-0.	1500.000
GT	50.000	1307.000	248.000	3169.000	5290.000	3169.000	-0.	-0.	-0.

10M = .000045  
13.0  
15.0  
17.0

X1	8.000	32.000	1135.000	1220.000	2447.000	360.000	360.000	44.500	375.000
GR	45.500	0.	45.500	100.000	44.500	200.000	44.500	44.500	800.000
GR	4.500	400.000	37.800	500.000	38.500	600.000	38.500	37.800	1126.000
GR	39.500	900.000	37.800	1000.000	33.600	1100.000	33.600	38.300	1165.000
GR	39.300	1135.000	36.500	1140.000	32.300	1155.000	32.300	27.200	1220.000
GR	26.500	1180.000	27.200	1188.000	38.800	1200.000	38.800	39.600	1406.000
GR	39.500	1235.000	34.500	1255.000	36.000	1300.000	36.000	39.000	-0.
GR	45.500	1500.000	49.000	1600.000	-0.	-0.	-0.	-0.	-0.

X1	9.000	25.000	1070.000	1120.000	550.000	550.000	550.000	42.500	495.000
GR	47.500	0.	47.500	100.000	43.500	200.000	43.500	42.500	920.000
GR	4.800	500.000	40.500	600.000	40.300	700.000	40.300	40.000	1078.000
GR	39.500	1000.000	38.500	1045.000	42.800	1055.000	42.800	31.600	1120.000
GR	31.000	1085.000	31.600	1090.000	36.200	1100.000	36.200	41.000	1220.000
GR	41.500	1200.000	40.500	1300.000	40.500	1400.000	40.500	46.200	1633.000

X1	4.100	20.000	750.000	800.000	380.000	350.000	350.000	45.500	400.000
GR	5.000	0.	49.000	150.000	46.000	225.000	46.000	36.100	765.000
GR	45.000	500.000	44.000	600.000	43.000	700.000	43.000	43.500	1300.000
GR	35.200	775.000	36.100	785.000	43.300	800.000	43.300	51.000	1656.000
GR	42.600	1100.000	43.000	1200.000	44.000	1300.000	44.000	46.200	-0.
NC	-0.	-0.	.070	.300	-0.	-0.	-0.	-0.	-0.

X1	4.200	12.000	930.000	962.000	500.000	500.000	500.000	47.400	930.000
X3	10.000	0.	-0.	-0.	-0.	-0.	-0.	48.800	930.000
GR	52.500	0.	45.000	462.000	48.900	562.000	48.900	49.000	1262.000
GR	36.100	930.500	36.000	961.900	48.900	962.000	48.900	36.000	-0.
GR	49.300	1362.000	52.500	2330.000	-0.	-0.	-0.	36.000	-0.
SB	1.100	1.600	2.800	0.	2.000	2.000	300.000	0.	36.000

X1	4.300	0.	0.	0.	53.000	53.000	53.000	48.600	930.000
X2	-0.	-0.	1.000	46.000	-0.	-0.	-0.	48.900	930.000
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	48.600	930.000
BT	5.000	0.	49.000	-0.	48.900	48.900	48.900	48.900	930.000
BT	5.000	48.900	-0.	709.000	-0.	-0.	900.000	-0.	930.000

X1	4.400	16.000	845.000	945.000	100.000	100.000	100.000	48.500	945.000
GR	52.500	0.	51.500	145.000	49.500	225.000	49.500	43.500	845.000
G1	46.500	495.000	46.300	545.000	44.400	645.000	44.400	43.500	945.000
GR	43.500	906.000	36.600	910.000	36.600	920.000	36.600	43.500	1406.000
GR	43.500	1045.000	46.200	1400.000	-0.	1600.000	-0.	-0.	-0.
GR	5.000	1045.000	2011.000	2577.000	-0.	2577.000	-0.	-0.	-0.
NC	-0.	-0.	.070	.100	-0.	-0.	-0.	-0.	-0.

10,000

17.0

17.0

17.0

17.0

17.0

X1	10.000	18.000	470.000	500.000	3900.000	2200	2200	300.000	-0.	-0.	400.000	-0.
GR	53.000	0.	100.000	100.000	200.000	46.000	46.000	490.000	45.500	400.000	530.000	400.000
GR	46.500	470.000	39.500	475.000	485.000	39.680	39.680	1000.000	47.500	1100.000	1100.000	1100.000
GR	43.500	600.000	48.500	700.000	900.000	47.900	47.900	-0.	-0.	-0.	-0.	-0.
GR	48.500	1200.000	50.500	1300.000	1400.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.
X1	11.000	21.000	980.000	1000.000	3830.000	3830.000	3830.000	300.000	-0.	-0.	400.000	-0.
GR	60.500	0.	60.500	100.000	200.000	56.500	56.500	700.000	55.500	400.000	760.000	400.000
GR	54.500	500.000	49.500	550.000	600.000	49.400	49.400	985.000	43.500	992.000	992.000	992.000
GR	48.700	800.000	49.000	900.000	980.000	45.300	45.300	1200.000	48.500	1325.000	1325.000	1325.000
GR	45.300	998.000	50.300	1000.000	1100.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.
GR	54.500	1400.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
X1	5.100	16.000	786.000	866.000	4500.000	4500.000	4500.000	626.000	-0.	-0.	786.000	-0.
GR	59.400	0.	55.000	386.000	436.000	53.300	53.300	876.000	50.500	886.000	886.000	886.000
GR	52.500	961.000	46.800	866.000	871.000	46.800	46.800	1185.000	56.700	1286.000	1286.000	1286.000
GR	52.000	986.000	51.800	1086.000	1136.000	55.900	55.900	-0.	-0.	-0.	-0.	-0.
GR	59.400	1652.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
NC	-0.	-0.	.070	.300	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
X1	5.200	20.000	825.000	867.000	50.000	50.000	50.000	50.000	-0.	-0.	567.000	-0.
X3	10.000	0.	-0.	-0.	-0.	-0.	-0.	54.600	34.600	54.600	54.600	54.600
GR	59.400	0.	56.200	367.000	417.000	56.000	56.000	467.000	55.600	567.000	567.000	567.000
GR	55.500	667.000	55.500	825.000	827.000	47.300	47.300	864.000	47.000	882.000	882.000	882.000
GR	45.500	847.000	47.000	854.000	859.000	51.200	51.200	1267.000	52.000	865.000	865.000	865.000
GR	55.600	867.000	55.600	967.000	1167.000	56.500	56.500	-0.	59.400	1496.000	1496.000	1496.000
SB	1.100	1.600	2.800	0.	1.000	220.000	220.000	.550	48.200	48.200	48.200	48.200
X1	5.300	0.	0.	0.	21.000	21.000	21.000	-0.	-0.	-0.	-0.	-0.
X2	-0.	-0.	1.000	53.700	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
X3	10.000	0.	-0.	-0.	-0.	-0.	-0.	55.500	55.500	55.500	55.500	55.500
BT	8.000	0.	59.400	-0.	367.000	367.000	367.000	467.000	56.600	56.600	56.600	56.600
BT	667.000	55.500	-0.	967.000	-0.	1067.000	1067.000	55.800	-0.	1267.000	1267.000	1267.000
BT	56.500	-0.	1496.000	59.400	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
X1	5.400	16.000	982.000	1107.000	100.000	100.000	100.000	100.000	-0.	-0.	907.000	-0.
GR	59.400	0.	55.500	507.000	557.000	53.800	53.800	997.000	51.000	1007.000	1007.000	1007.000
GR	53.000	982.000	47.100	987.000	992.000	47.100	47.100	1307.000	57.000	1407.000	1407.000	1407.000
GR	52.300	1107.000	52.300	1207.000	1257.000	56.200	56.200	-0.	-0.	-0.	-0.	-0.
GR	59.400	1519.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
GT	5.000	714.000	1402.000	1810.000	3104.000	1810.000	1810.000	-0.	-0.	-0.	-0.	-0.
NC	-0.	-0.	.070	.100	.300	-0.	-0.	-0.	-0.	-0.	-0.	-0.



X1	12.000	16.000	475.000	500.000	22.000.000	275.000.000	-0.	300.000	56.500	-0.	400.000
GR	66.500	0.	66.500	100.000	61.000	200.000	59.800	495.000	54.500	500.000	500.000
GR	54.000	475.000	49.000	480.000	49.000	485.000	49.400	800.000	58.500	-0.	900.000
GR	54.500	580.000	55.500	600.000	56.500	700.000	57.500	-0.	-0.	-0.	-0.
GR	66.000	1128.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
ET	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.

X1	13.000	16.000	475.000	500.000	22.000.000	275.000.000	-0.	300.000	56.500	-0.	400.000
GR	66.500	0.	66.500	100.000	61.000	200.000	59.800	495.000	54.500	500.000	500.000
GR	59.000	400.000	59.500	475.000	54.500	480.000	49.400	800.000	58.500	-0.	900.000
GR	60.500	500.000	58.500	600.000	60.500	700.000	52.500	-0.	-0.	-0.	-0.
GR	66.000	1325.500	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.

X1	6.100	16.000	475.000	500.000	16.000.000	160.000.000	-0.	200.000	62.000	-0.	300.000
GR	67.000	0.	67.000	100.000	66.000	100.000	64.000	490.000	55.000	495.000	495.000
GR	59.500	400.000	60.000	475.000	55.000	480.000	54.900	900.000	65.500	1128.000	1128.000
GR	61.000	500.000	59.500	600.000	61.000	700.000	65.000	-0.	-0.	-0.	-0.
GR	72.000	1443.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
NC	-0.	-0.	.070	.300	.500	.500	-0.	-0.	-0.	-0.	-0.

X1	6.200	29.000	487.500	502.500	30.000.000	300.000.000	-0.	300.000	64.000	-0.	400.000
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	488.300	57.940	489.160	489.160
GR	74.000	0.	72.500	50.000	70.500	100.000	67.000	492.500	60.300	497.500	497.500
GR	66.300	474.000	60.300	490.830	60.300	487.500	58.440	570.830	58.440	561.660	561.660
GR	57.800	490.000	57.940	499.660	57.800	491.660	57.940	515.300	60.600	600.000	600.000
GR	58.440	498.330	57.940	507.000	60.800	500.000	66.300	1995.000	-0.	-0.	-0.
GR	60.300	502.500	60.300	900.000	60.300	510.000	66.300	-0.	-0.	-0.	-0.
GR	67.600	800.000	67.600	-0.	8.050	1288.000	72.000	-0.	57.800	57.800	57.800
SB	1.100	1.600	2.800	-0.	-0.	.250	39.000	-0.	-0.	-0.	-0.

X1	6.300	0.	0.	0.	49.600	49.600	49.600	49.600	49.600	49.600	49.600
X2	-0.	-0.	1.300	62.800	66.300	-0.	-0.	-0.	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	66.300	66.300	66.300	66.300
BT	26.000	-0.	74.000	-0.	100.000	70.500	-0.	200.000	67.000	-0.	-0.
BT	309.000	67.000	-0.	400.000	66.300	-0.	474.000	66.300	-0.	487.500	487.500
BT	66.300	60.300	488.330	66.300	62.160	489.160	66.300	62.670	490.000	66.300	66.300
BT	62.800	490.830	66.300	62.670	491.660	66.300	62.160	492.500	66.300	60.300	60.300
BT	497.500	66.300	60.300	498.330	66.300	62.160	499.660	66.300	62.670	570.830	570.830
BT	66.300	62.800	500.830	66.300	62.160	501.660	66.300	62.160	562.500	66.300	66.300
BT	60.300	515.000	66.300	-0.	600.000	66.500	-0.	800.000	67.600	-0.	-0.
BT	900.000	67.800	-0.	1288.000	65.500	-0.	1995.000	72.000	-0.	-0.	-0.

X1	6.400	14.000	480.000	500.000	100.000.000	100.000.000	100.000	100.000	100.000	100.000	100.000
GR	77.900	0.	77.900	50.000	77.200	100.000	74.000	300.000	72.400	370.000	370.000
GR	66.400	400.000	66.300	480.000	61.700	485.000	61.100	450.000	61.700	495.000	495.000
GR	66.300	500.000	66.400	600.000	70.400	600.000	70.900	900.000	-0.	-0.	-0.
NC	-0.	-0.	.070	.100	.300	.100	-0.	-0.	-0.	-0.	-0.

P

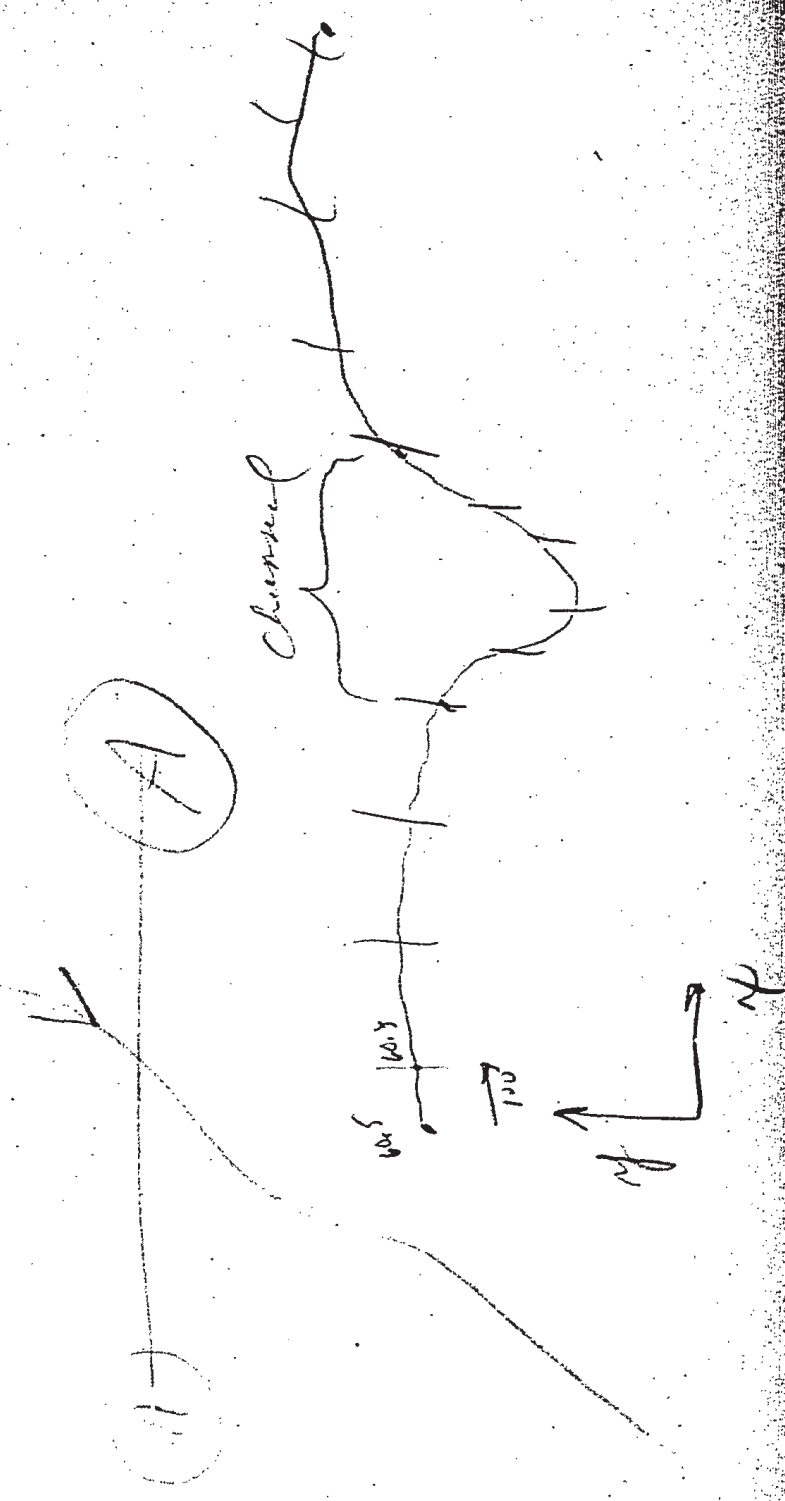
Q

X1	14,000	18,000	480,000	500,000	390,000	280,000	200,000	-0.	-0.	-0.
GR	78,000	0.	76,000	50,000	77,000	100,000	485,000	74,500	360,000	360,000
GR	72,500	370,000	66,500	400,000	66,400	480,000	485,000	61,300	492,000	492,000
GR	61,800	495,000	66,400	500,000	66,500	680,000	700,000	70,500	800,000	800,000
GR	71,000	900,000	72,000	1028,000	78,500	1836,000	-0.	-0.	-0.	-0.
EJ	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.

*Handwritten:* 200, 250, 280, 300, 350, 400, 450, 500, 550, 600, 650, 700, 750, 800, 850, 900, 950, 1000  
*Handwritten:* 200, 250, 280, 300, 350, 400, 450, 500, 550, 600, 650, 700, 750, 800, 850, 900, 950, 1000

Note: Reaudit new starting @ X1 13.0

- ① Audit new starting @ 1200
- ② Audit new profiles for start standing B- 5092  
C- 8494



THIS RUN EXECUTED 22 DEC 81 11.33.06

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*****
HEC2 RELEASE DATED NOV 76 UPDATED APR1 1980
ERROR CORR - 01.02.03.04
MODIFICATION - 50.51.52.53.54
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T1 NEW RIVER (ONSLOW)
T2 ONSLOW COUNTY
T3 FLOODWAY

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J1	ICHECK	ING	MINV	IDIR	STRI	METRIC	HVINS	G	WSEL	EQ
	-0.	6.	-0.	-0.	-0.	-0.	-0.	-0.	26.520	-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.

IMLEG = 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 22 DEC 81 11.33.07

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 HEC2 RELEASE DATED NOV 76 UPDATED APRIL 1980  
 ERROR CORR - 01.02.03.04  
 MODIFICATION - 50.51.52.53.54  
 \*\*\*\*\*

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

FLOOD

SUMMARY PRINTOUT TABLE 110

SECCO	CWSEL	DIFKMS	EG	TOPWID	GLOB	GCH	GFOB	PERENC	STENCL	STCHR	STENCR
1.000	25.52	0.	25.52	2712.81	216.51	1069.51	2872.97	0.	343.00	343.00	0.
1.000	26.52	1.00	26.52	1567.71	0.	1952.07	3106.93	.20	0.	400.00	1907.71
2.000	25.59	0.	25.59	2139.11	2032.92	365.47	1740.61	0.	0.	958.00	0.
2.000	26.59	1.00	26.59	1180.31	2006.43	420.42	1732.14	.13	376.15	958.00	1556.46
3.000	25.63	0.	25.64	2984.58	2399.80	536.50	1222.70	0.	0.	1855.00	0.
3.000	26.64	1.00	26.64	1204.64	2467.42	584.70	1106.88	.18	1955.44	1855.00	2300.79
1.000	28.42	0.	28.63	75.64	0.	4159.00	0.	0.	0.	1450.00	0.
1.000	29.09	.66	29.28	75.82	0.	4159.00	0.	0.	1450.00	1450.00	1526.00
1.200	29.00	0.	29.20	75.80	0.	4159.00	0.	0.	0.	1450.00	0.
1.200	29.60	.60	29.78	75.95	0.	4159.00	0.	.04	1450.00	1450.00	1526.00
1.300	29.35	0.	29.53	75.89	0.	4159.00	0.	0.	0.	1450.00	0.
1.300	29.94	.60	30.11	75.99	0.	4159.00	0.	.09	1450.00	1450.00	1526.00
1.400	29.55	0.	29.55	3599.28	1248.56	440.04	2356.50	0.	0.	943.00	0.
1.400	30.13	.58	30.13	1802.78	1082.72	502.19	2461.00	.17	422.04	943.00	2268.82
4.000	29.60	0.	29.61	6513.16	1199.37	459.89	2395.74	0.	0.	1960.00	0.
4.000	30.19	.59	30.20	4020.80	830.61	543.70	2671.69	.26	1018.84	1960.00	5647.64
2.100	29.86	0.	29.86	1759.10	463.47	924.48	2658.05	0.	0.	631.00	0.
2.100	30.48	.62	30.49	847.50	40.97	1132.24	2872.79	.25	611.89	631.00	1458.39
2.200	29.85	0.	30.07	1124.55	266.02	3264.93	535.05	0.	0.	147.00	0.
2.200	30.45	.59	30.77	234.10	0.	3834.15	211.85	.31	14.36	147.00	1634.11
2.300	29.85	0.	30.07	1122.46	264.04	3269.16	512.80	0.	0.	147.00	0.
2.300	30.45	.59	30.77	230.07	0.	3840.34	205.66	.31	10.36	147.00	1630.07

SECHO	CWSEL	DIFKUS	EG	TOPWID	QLD8	RCH	GROB	PERENC	STENCL	STCHL	STCHR	STENCR
2400	30.15	0.	30.15	2619.06	1194.64	839.92	2051.44	0.	0.	982.00	1077.00	0.
2400	30.87	.73	30.87	1489.52	960.79	978.60	2106.61	.22	480.03	982.00	1077.00	1989.54
5000	30.58	0.	30.60	823.19	2097.41	1156.37	792.22	0.	0.	730.00	805.00	0.
5000	31.34	.76	31.37	472.44	2111.06	1390.22	584.72	.22	400.49	730.00	805.00	881.93
6000	31.60	0.	31.62	1027.35	794.26	1066.04	1692.70	0.	0.	750.00	230.00	0.
6000	32.45	.84	32.47	533.59	478.85	1307.80	1766.35	.26	642.13	750.00	830.00	1175.72
3000	32.97	0.	32.98	1329.36	1892.05	924.09	726.86	0.	0.	1025.00	1110.00	0.
3000	33.69	.92	33.91	821.80	2086.44	1163.03	303.52	.29	398.77	1025.00	1110.00	1220.58
3200	33.01	0.	33.36	101.48	0.	3553.00	0.	0.	0.	497.00	600.00	0.
3200	33.92	.50	34.19	102.18	0.	3553.00	0.	0.	497.00	497.00	600.00	0.
3300	33.15	0.	33.48	161.57	0.	3553.00	0.	0.	0.	497.00	600.00	0.
3300	34.15	1.00	34.41	102.37	0.	3553.00	0.	0.	0.	497.00	600.00	0.
3400	33.61	0.	33.62	1340.08	1957.15	843.29	752.56	0.	0.	1045.00	1100.00	0.
3400	34.51	.90	34.52	879.08	2154.12	994.44	404.45	.26	301.29	1045.00	1100.00	1200.37
7000	37.32	0.	37.36	1184.16	1639.21	1158.96	754.84	0.	0.	1130.00	1212.00	0.
7000	38.31	.99	38.37	632.34	1814.01	1465.78	273.21	.35	656.83	1130.00	1212.00	1294.32
8000	40.04	0.	40.08	979.64	1234.41	1137.12	797.46	0.	0.	1135.00	1220.00	0.
8000	40.96	.91	41.00	544.65	1335.96	1461.50	367.54	.32	747.05	1135.00	1220.00	1291.70
9000	43.60	0.	43.62	1292.67	1457.89	851.08	850.03	0.	0.	1070.00	1120.00	0.
9000	44.74	.99	44.82	669.52	1544.24	999.62	625.14	.39	675.04	1070.00	1120.00	1345.36
4000	46.39	0.	46.42	1142.41	515.27	1036.00	1616.82	0.	0.	750.00	900.00	0.
4000	47.36	.97	47.41	508.20	168.74	1257.35	1742.91	.34	700.14	750.00	900.00	1216.34
4200	48.69	0.	49.67	21.99	0.	3169.00	0.	0.	0.	930.00	962.00	0.
4200	49.38	.60	50.26	32.00	0.	3169.00	0.	.17	93.00	930.00	962.00	962.00
4300	48.05	0.	49.67	31.99	0.	3169.00	0.	0.	0.	930.00	962.00	0.
4300	49.38	.69	50.26	32.00	0.	3169.00	0.	.17	93.00	930.00	962.00	962.00
4400	49.98	0.	49.99	1169.71	870.30	987.01	1311.67	0.	0.	805.00	805.00	0.
4400	50.54	.56	50.55	626.35	708.89	1217.23	1252.28	.09	644.01	805.00	805.00	1070.57
10000	50.60	0.	50.90	1150.24	713.01	467.14	1396.00	0.	0.	470.00	500.00	0.
10000	51.62	.73	51.64	643.04	466.80	570.68	1539.53	.30	361.04	470.00	500.00	1000.00
11000	52.89	0.	52.90	863.04	1225.20	245.56	1106.14	0.	0.	900.00	1000.00	0.
11000	53.61	.92	53.63	546.00	1243.75	308.53	1025.42	.30	607.33	900.00	1000.00	1035.33
5000	55.96	0.	56.00	897.12	679.05	978.61	1009.34	0.	0.	790.00	880.00	0.
5000	56.98	1.00	57.01	349.43	485.62	1249.16	642.32	.32	600.00	790.00	880.00	1042.99

SECNO	CWSEL	DIFKVS	EG	TOPWID	QLOB	GCH	RROB	PERENC	STENCL	STCHL	STCHR	STINCR
5.200	55.84	0.	56.86	540.05	56.71	2501.52	16.77	0.	0.	625.00	867.00	0.
5.200	56.84	.99	57.70	42.00	0.	2577.00	0.	.31	825.00	625.00	867.00	867.00
5.300	55.85	0.	56.86	546.56	62.03	2496.79	18.18	0.	0.	825.00	867.00	0.
5.300	56.84	.99	57.70	42.00	0.	2577.00	0.	.31	825.00	825.00	067.00	867.00
5.400	57.22	0.	57.23	1132.51	984.86	972.69	619.45	0.	0.	982.00	1107.00	0.
5.400	58.01	.79	58.04	425.93	972.74	1274.20	330.06	.31	754.76	982.00	1107.00	1180.69
12.000	59.24	0.	59.27	605.53	327.43	553.88	928.70	0.	0.	475.00	500.00	0.
12.000	60.17	.93	60.22	239.79	90.31	667.92	1051.77	.32	459.66	475.00	500.00	699.45
13.000	63.69	0.	63.71	667.87	551.74	413.64	844.62	0.	0.	475.00	500.00	0.
13.000	64.47	.79	64.50	291.95	462.77	485.98	861.35	.27	303.79	475.00	500.00	675.74
6.100	64.73	0.	64.75	722.90	633.74	375.71	800.55	0.	0.	475.00	500.00	0.
6.100	65.54	.81	65.56	331.02	564.53	435.24	810.23	.26	356.53	475.00	500.00	687.54
6.200	67.03	0.	67.36	837.44	378.33	791.85	639.81	0.	0.	487.50	502.50	0.
6.200	67.95	.92	68.20	657.12	0.	780.30	1629.70	.46	487.50	487.50	502.50	1144.62
6.300	67.03	0.	67.36	838.48	378.39	791.08	640.53	0.	0.	487.50	502.50	0.
6.300	67.95	.92	68.20	657.57	0.	780.33	1029.67	.46	487.50	487.50	502.50	1145.07
6.400	68.25	0.	68.71	301.51	380.14	842.74	587.12	0.	0.	480.00	500.00	0.
6.400	69.04	.79	69.73	113.24	138.73	1059.39	611.88	.38	461.99	480.00	500.00	575.24
14.000	71.84	0.	71.86	634.77	438.90	359.55	1011.47	0.	0.	469.00	500.00	0.
14.000	72.72	.86	72.75	281.74	266.44	411.68	1131.89	.25	434.05	480.00	500.00	715.79

**Onslow Co.**  
**FLOODWAY DATA FLOOD**  
**PROFILE NO. 2**

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	SURFACE ELEVATION WITHOUT FLOODWAY	DIFFERENCE	CUMULATIVE DISTANCE
1.000	1568.	12164.	.3	26.5	25.5	1.0	7500-A
2.000	1180.	16283.	.3	26.6	25.6	1.0	11883-B
3.000	1205.	13022.	.3	26.6	25.6	1.0	15031-C
1.100	76.	1191.	3.5	29.6	26.4	.7	20986-D
1.200	76.	1230.	3.4	29.6	29.0	.6	21456-D
1.300	76.	1256.	3.3	29.9	29.3	.6	21487
1.400	1803.	19784.	.2	30.1	29.5	.6	21587
4.000	4021.	21048.	.2	30.2	29.6	.6	25187-E
2.100	848.	5924.	.7	30.5	29.9	.6	28673-F
2.200	234.	1085.	3.7	30.5	29.9	.6	29573-F
2.300	230.	1077.	3.8	30.8	29.9	.6	29594
2.400	1490.	10731.	.4	30.8	30.1	.7	29694
5.000	472.	3549.	1.1	31.4	30.6	.8	31409-G
6.000	534.	3345.	1.1	32.4	31.6	.8	33505
3.100	822.	4200.	.8	33.9	33.0	.9	36611-H
3.200	102.	847.	4.2	33.9	33.0	.9	37111
3.300	102.	870.	4.1	34.1	33.6	.9	37131
3.400	379.	4937.	.7	34.5	33.6	.9	37231
7.000	637.	2549.	1.4	38.5	37.3	1.0	41944-I
8.000	545.	2336.	1.4	40.9	40.0	.9	44351-J
9.000	570.	3193.	1.0	47.4	43.8	3.6	49851-K
4.100	508.	2438.	1.3	47.4	46.4	1.0	52651-L
4.200	32.	423.	7.5	49.4	48.7	.7	53351
4.300	32.	423.	7.5	49.4	48.7	.7	53404
4.400	626.	4254.	.7	50.4	50.1	.3	53504
1.000	643.	3173.	.7	51.6	50.9	.7	56774
NT1.000	548.	2659.	1.0	53.8	52.9	.9	60604-M
5.100	349.	1926.	1.3	57.0	56.0	1.0	64957
5.200	42.	346.	7.4	56.5	55.8	.7	64957
5.300	42.	347.	7.4	56.5	55.9	.6	64928
5.400	42.	2474.	1.0	58.4	57.2	1.2	65028-N
12.000	249.	1311.	1.4	60.1	59.2	.9	67781-D
13.000	292.	1594.	1.1	64.5	63.2	1.3	70447-P
6.100	331.	1509.	.9	65.5	64.7	.8	74467-Q
6.200	657.	791.	2.3	67.9	67.0	.9	75117-Q
6.300	658.	791.	2.3	67.9	67.0	.9	75216-Q
6.400	113.	378.	4.8	69.4	68.2	1.2	75316
14.100	282.	1701.	1.1	72.7	71.8	.9	77820-R

See next run

①  
 3.0 STCAL = 1825  
 2.1 1216 1036  
 4.2 min of next run  
 4.2 check bank  
 5.5 mud 8 BT permit  
 check 5.2  
 1.1 mud 16 permit