

NEW RIVER

TRIB.





6 THIS RUN EXECUTED 14 JAN 82 14.32.48

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 HEC2 RELEASE DATED NOV 75 UPDATED APR1 1980  
 ERROR CORR - 01.02.03.04  
 MODIFICATION - 50.51.52.53.54  
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T1 NEW RIVER TRIB 1 TRIB AND NEW RIVER TRIB 1  
 T2 ONSLOX COUNTY N. CAROLINA  
 T3 10-YEAR FLOOD

	J1	J2	J3	J6	NC	QT	X1	GR	GR	GR	GR	X1	X4	GR	GR	GR	GR
ICHECK	IND	INIV	IDIR	STRT	METRIC	FN	ALLDC	IBW	CHNIM	WSEL	FO						
-0.	2.	-0.	-0.	003400	-0.	-0.	-0.	-0.	20.000	-0.							
NPROF	IPLOT	PRFVS	XSECV	XSECH	FN						ITRACE						
1.000	-0.	-1.000	-0.	-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.	-0.	-0.					
J6 IHLEQ ICOPY																	
1.034	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.					
2.00	272.000	0.200	0.090	0.100	0.300	1330.000	743.000	743.000	0.00	0.00	0.00	0.00					
5.000	16.000	496.000	500.000	500.000	-0.	-0.	-0.	-0.	300.000	4.900	0.00	0.00					
1.500	0.	5.100	125.000	125.000	5.000	5.000	200.000	200.000	300.000	5.000	4.900	4.900					
4.800	496.000	3.900	499.000	499.000	4.800	4.800	500.000	500.000	600.000	5.000	5.000	5.000					
4.700	800.000	4.600	906.000	906.000	4.600	4.600	1900.000	1900.000	2900.000	5.000	5.000	5.000					
25.000	3280.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.					
2.00	2.000	0.070	0.100	0.100	0.300	0.300	365.000	365.000	-0.	-0.	-0.	-0.					
5.000	125.000	275.000	365.000	365.000	675.000	675.000			-0.	-0.	-0.	-0.					
5.000	17.000	416.000	450.000	450.000	2900.000	2900.000	3200.000	3200.000	3000.000	25.200	25.200	25.200					
27.300	0.	25.200	50.000	50.000	25.800	25.800	150.000	150.000	174.000	11.600	11.600	11.600					
24.400	250.000	22.600	350.000	350.000	17.500	17.500	416.000	416.000	424.000	26.700	26.700	26.700					
12.700	432.000	23.800	450.000	450.000	24.000	24.000	465.000	465.000	550.000	-0.	-0.	-0.					
27.200	750.000	26.800	854.000	854.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.					
4.100	16.000	1295.000	1305.000	1305.000	1300.000	1300.000	1100.000	1100.000	1000.000	-0.	-0.	-0.					
1.000	31.900	900.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.					
35.000	0.	31.400	1000.000	1000.000	31.100	31.100	1100.000	1100.000	1200.000	28.600	28.600	28.600					
27.000	1292.000	25.500	1295.000	1295.000	24.000	24.000	1500.000	1500.000	1305.000	27.000	27.000	27.000					
28.000	1310.000	30.700	1400.000	1400.000	31.200	31.200	1500.000	1500.000	1600.000	31.700	31.700	31.700					
33.000	2300.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.					





THIS RUN EXECUTED 14 JAN 82 14.32.48

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

T1 NEW RIVER TRIB 1 TRIB AND NEW RIVER TRIB 1  
 T2 ONSLOW COUNTY  
 T3 50-YEAR FLOOD

J1	ICHECK	INQ	NINV	IDIR	START	METRIC	HVINS	Q	MSEL	FG
	-0.	3.	-0.	-0.	000000	-0.	-0.	-0.	20.000	-0.
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLOC	IBW	CHNIM	ITRACE
	2.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 14 JAN 82 14.32.00

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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 TRIB 1 TRIB AND NEW RIVER TRIB 1
T2 ONSLOW COUNTY N. CARILINA
T3 100-YEAR FLOOD

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J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	-0.	4.	-0.	-0.	004000	-0.	-0.	-0.	20.000	-0.
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLOC	IDW	CMNIM	STRACE
	3.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 14 JAN 82 14:32:09

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 MEC2 RELEASE DATED NOV 76 UPDATED APR 1980  
 ERROR CORR - 01.02.03.04  
 MODIFICATION - 50051.52053.54  
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T1 NEW RIVER TRIB 1 TRIB AND NEW RIVER TRIB 1  
 T2 ONSLOW COUNTY N. CAROLINA  
 T3 500-YEAR FLOOD

J1	ICHECK	IMJ	NINV	IDIR	STRT	METRIC	HVINS	Q	VSEL	FO
	-0.	5.	-0.	-0.	004300	-0.	-0.	-0.	20.000	-0.

  

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN.	ALLOCD	IBU.	CHNIM	ITRACE
	15.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.



THIS RUN EXECUTED 10 JAN 82 10:32:09

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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

10-YEAR FLJDD.

SUMMARY PRINTOUT TABLE 150

SECD	XLCH	ELTRD	ELLCC	ELMIN	Q	CUSEL	CRUS	EG	10K*S	VCH	AREA	*01K
1.000	-0.	0.	0.	3.90	272.00	5.87	4.71	5.07	33.81	.71	1091.93	46.78
1.000	-0.	0.	0.	3.90	564.00	5.27	4.75	5.27	39.30	.91	1656.76	89.96
1.000	-0.	0.	0.	3.90	743.00	5.38	4.77	5.38	39.70	.98	1966.06	117.92
1.000	-0.	0.	0.	3.90	1330.00	5.65	4.83	5.66	42.97	1.20	2755.64	202.90
3.000	3000.00	0.	0.	11.60	125.00	16.21	14.85	16.30	38.55	2.37	52.77	20.13
3.000	3000.00	0.	0.	11.60	275.00	17.88	15.11	18.03	42.85	3.06	90.91	42.01
3.000	3000.00	0.	0.	11.60	369.00	18.92	15.61	18.70	46.05	3.49	112.53	53.79
3.000	3000.00	0.	0.	11.60	675.00	20.16	16.91	20.44	52.24	4.30	196.06	93.39
4.100	1000.00	0.	0.	24.00	125.00	27.15	26.04	27.53	183.53	5.01	29.44	9.23
4.100	1000.00	0.	0.	24.00	275.00	28.54	27.59	29.17	175.19	6.64	54.26	20.78
4.100	1000.00	0.	0.	24.00	365.00	29.19	28.11	29.93	172.71	7.32	74.16	27.77
4.100	1000.00	0.	0.	24.00	675.00	30.55	30.21	31.32	155.08	8.29	235.99	54.20
4.200	100.00	0.	0.	24.00	125.00	28.85	27.81	28.99	112.57	4.15	57.28	11.78
4.200	100.00	0.	0.	24.00	275.00	30.39	28.84	30.49	87.80	4.42	205.43	29.55
4.200	100.00	0.	0.	24.00	365.00	31.00	29.11	31.07	63.72	4.00	337.68	45.73
4.200	100.00	0.	0.	24.00	675.00	32.05	30.43	32.07	32.15	3.12	1017.23	119.04
* 4.300	53.00	30.60	27.00	24.00	125.00	30.92	0.	30.93	8.37	1.44	315.67	43.20
* 4.300	53.00	30.60	27.00	24.00	275.00	31.14	0.	31.16	29.16	2.74	385.60	50.93
* 4.300	53.00	30.60	27.00	24.00	365.00	31.21	0.	31.27	44.10	3.40	423.48	54.97
* 4.300	53.00	30.60	27.00	24.00	675.00	32.07	0.	32.09	31.02	3.07	1036.12	121.19
4.400	50.00	0.	0.	24.60	125.00	31.24	27.03	30.98	7.33	1.29	98.32	46.15
4.400	50.00	0.	0.	24.60	275.00	31.24	26.08	31.35	28.26	2.63	107.98	51.73
4.400	50.00	0.	0.	24.60	365.00	31.38	28.55	31.56	44.65	3.36	113.16	54.60
4.400	50.00	0.	0.	24.60	675.00	32.17	29.80	32.57	65.65	3.13	147.64	72.51

10-YEAR FLOOD

SUMMARY PRINTOUT TABLE 150

SECHO	Q	CHSEL	DIFMSP	DIFMSX	DIFKUS	TOPWIO	KLCH
1.000	272.00	5.07	0.	0.	-14.93	2699.39	-0.
1.000	564.00	5.27	.20	0.	-14.73	2821.21	-0.
1.000	743.00	5.38	.11	0.	-14.62	2872.45	-0.
1.000	1330.00	5.65	.27	0.	-14.35	2888.33	-0.
3.000	125.00	16.21	0.	11.14	0.	19.55	3000.00
3.000	275.00	17.88	1.67	12.61	0.	29.39	3000.00
3.000	365.00	18.52	.63	13.14	0.	38.64	3000.00
3.000	675.00	20.16	1.65	14.51	0.	62.66	3000.00
4.000	125.00	27.15	0.	10.94	0.	16.34	1000.00
4.000	275.00	28.54	1.39	10.66	0.	19.42	1000.00
4.000	365.00	29.19	.65	10.67	0.	53.92	1000.00
4.000	675.00	30.55	1.36	10.39	0.	181.72	1000.00
4.200	125.00	28.85	0.	1.69	0.	24.30	100.00
4.200	275.00	30.39	1.54	1.85	0.	167.21	100.00
4.200	365.00	31.03	.61	1.81	0.	328.73	100.00
4.200	675.00	32.05	1.05	1.50	0.	1005.04	100.00
4.300	125.00	30.92	0.	2.08	0.	290.63	53.00
4.300	275.00	31.14	.21	.75	0.	398.96	53.00
4.300	365.00	31.22	.09	.22	0.	450.03	53.00
4.300	675.00	32.07	.84	.02	0.	1019.08	53.00
4.400	125.00	30.95	0.	.03	0.	31.76	50.00
4.400	275.00	31.24	.29	.10	0.	35.86	50.00
4.400	365.00	31.38	.14	.16	0.	37.87	50.00
4.400	675.00	32.17	.79	.10	0.	49.22	50.00





THIS RUN EXECUTED 10 JAN 82 15:31:10

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MEC2 RELEASE DATED NOV 76 UPDATED APRIL 1980
ERROR CORR = 010200300
MODIFICATION = 5051925354
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T1 NEW RIVER TRIB 1 TRIB AND NEW RIVER TRIB 1
T2 ONSLOW COUNTY
T3 FLOODWAY

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J1	ICHECK	IPQ	NIWV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-0.	6.	-0.	-0.	-0.	-0.	-0.	-0.	6.380	-0.
J2	NPROF	IFLOT	PRFVS	XSECV	XSECH	FN	ALLOC	IBV	CMNIN	ITRACE
	15.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

HLQ = 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 14 JAN 82 15.31.10

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 ERROR CORR - 01.02.03.04  
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NOTE- ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

FLOOD

SUMMARY PRINTOUT TABLE 110

SECND	CHSEL	DIFKVS	EG	TOPWID	GLOB	GCH	GROB	PERENC	STENCL	STCHL	STCHR	STENCR
1.000	5.38	0.	5.38	2873.45	27.99	4.03	710.97	0.	0.	496.00	500.00	0.
1.000	6.38	1.00	6.39	676.01	0.	10.26	732.74	.77	496.00	496.00	500.00	1172.01
3.000	18.51	0.	18.69	38.51	2.12	362.88	0.	0.	0.	416.00	450.00	0.
3.000	18.79	.28	18.95	25.86	0.	365.00	0.	.03	416.00	416.00	450.00	450.00
4.100	29.19	0.	29.93	56.01	19.97	325.00	20.03	0.	0.	1295.00	1305.00	0.
4.100	29.42	.23	30.36	10.78	.64	363.48	.88	.13	1294.65	1295.00	1305.00	1305.43
4.200	31.00	0.	31.07	328.76	137.85	83.53	143.62	0.	0.	1298.50	1301.50	0.
4.200	31.42	.41	31.49	85.28	136.17	87.30	141.53	.22	1298.70	1298.50	1301.50	1303.99
4.300	31.22	0.	31.27	450.04	143.62	73.21	148.17	0.	0.	1298.50	1301.50	0.
4.300	31.64	.41	31.69	105.49	143.28	76.22	145.50	.24	1247.59	1298.50	1301.50	1393.08
4.400	31.38	0.	31.56	37.87	1.44	363.56	0.	0.	0.	416.00	450.00	0.
4.400	31.78	.40	31.93	27.03	0.	365.00	0.	.01	416.00	416.00	450.00	450.00

14 JAN 82 15:31:10

BRIB  
STREAM

FLOODWAY DATA FLOOD  
PROFILE NO. 2

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	DIFFERENCE
1+000	676.	1124.	.7	6.4	5.4	1.0
45+000	26.	112.	3.2	18.8	18.5	.3
4+100	11.	50.	7.3	29.4	29.2	.2
4+200	85.	256.	1.4	31.4	31.0	.4
4+300	105.	316.	1.2	31.6	31.2	.4
4+400	27.	119.	3.1	31.6	31.4	.4