

NEW RIVER TRIB. |

SOUTH STREAM



THIS RUN EXECUTED 10 JAN 82 14:52:10

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*****
HEC2 RELEASE DATED NOV 76 UPDATED APR I 1980
ERROR CORR - 03.02.03.D4
MODIFICATION - 50.51.52.53.54
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T1 NEW RIVER TRIB. #1 - ITS TRIB.
T2 SOUTH STREAM (N. CAROLINA)
T3 50 - YEAR

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	J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	MVINS	Q	WSEL	FG
		-0.	3.	-0.	-0.	-0.	-0.	-0.	-0.	9.200	-0.
J2	NPROF	2.000	-0.	-1.000	-0.	-0.	FN	ALLOC	IBV	CHNIM	ITRACE
							-0.	-3.000	-0.	-0.	-0.

THIS RUN EXECUTED 18 JAN 82 14:52:10

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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 MEK RIVER TRIB. #1 - ITS TRIB.
T2 SOUTH STREAM (N. CAROLINA)
T3 100 - YEAR

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	ICHECK	IN3	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
J1	-0.	4.	-0.	-0.	-0.	-0.	-0.	-0.	9.400	-0.
J2	3.000	-0.	-1.000	-0.	-0.	FN	ALLODC	IBW	CHNIM	ITRACE
						-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 18 JAN 82 14:52:10

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 MEC2 RELEASE DATED NOV 76 UPDATED APR 1988  
 ERROR CORR - 01:02:03.04  
 MODIFICATION - 50:51:52.53,54  
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T1 NEW RIVER TRIB. #1 - ITS TRIB.  
 T2 SOUTH STREAM (N. CAROLINA)  
 T3 500 - YEAR

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	-0.	5.	-0.	-0.	-0.	-0.	-0.	-0.	10.100	-0.

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALDLC	IBV	CHNIM	ITRACE
	15.001	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

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 18 JAN 82 14:52:10  
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NOTE- ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

YEAR

SUMMARY PRINTOUT TABLE 150

YEAR	SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CMSL	CRMS	EG	10K+S	VCH	AREA	001K
	1.100	0.	0.	0.	5.00	125.00	8.50	6.00	8.50	.72	.19	1861.17	147.57
	1.100	0.	0.	0.	5.00	272.00	9.20	6.36	9.20	.60	.22	3409.75	351.36
	1.100	0.	0.	0.	5.00	364.00	9.40	6.55	9.40	.73	.25	3870.85	429.13
	1.100	0.	0.	0.	5.00	675.00	10.10	6.95	10.10	.84	.31	5545.29	756.00
	2.000	1700.00	0.	0.	9.80	125.00	12.38	11.10	12.38	42.37	1.06	205.77	19.28
	2.000	1700.00	0.	0.	9.80	272.00	13.19	11.03	13.20	43.83	1.38	337.69	41.09
	2.000	1700.00	0.	0.	9.80	364.00	13.57	11.54	13.58	45.71	1.54	483.67	53.84
	2.000	1700.00	0.	0.	9.80	675.00	14.59	11.89	14.61	49.16	1.94	595.75	96.27

YEAR

SUMMARY PRINTOUT TABLE 150

SECNO	TO	CWSEL	DIFNSP	DIFUSK	DIFKUS	TOPWID	XLCH
1.100	125.00	8.50	0.	0.	0.	2142.01	-0.
1.100	272.00	9.20	.70	0.	0.	2282.47	-0.
1.100	364.00	9.40	.20	0.	0.	2322.61	-0.
1.100	675.00	10.10	.70	0.	0.	2464.00	-0.
2.000	125.00	12.38	0.	3.88	0.	153.84	1700.00
2.000	272.00	13.19	.81	3.99	0.	170.65	1700.00
2.000	364.00	13.57	.38	4.17	0.	178.46	1700.00
2.000	675.00	14.59	1.02	4.49	0.	199.47	1700.00

FLOODWAY DATA YEAR  
PROFILE NO. 2

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	DIFFERENCE
1+100	2282.	3410.	.1	9.2	8.5	.7
2+000	171.	338.	.8	13.2	12.4	.8



FLOODWAY DATA YEAR  
PROFILE NO. 3

STATION	WIDTH	FLLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	DIFFERENCE
1+100	2523.	3870.	.1	9.4	8.5	.9
2+000	178.	404.	.9	13.6	12.4	1.2

FLOODWAY DATA YEAR  
PROFILE NO. 4

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	FLOODWAY WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT DIFFERENCE
1+100	2464.	5545.	.1	10.1	8.5
2+000	199.	596.	1.1	14.6	12.4
					2.2



THIS RUN EXECUTED 18 JAN 82 15.07.32

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 \*\*\*\*\*

J1 NEW RIVER TRIB. #1 - ITS TRIB.  
 J2 SOUTH STREAM (N. CAROLINA)  
 J3 FLOODWAY

	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
J1	6.	-0.	-0.	-0.	-0.	-0.	-0.	10.000	-0.
J2	15.000	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

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

THIS RUN EXECUTED 30 JAN 82 15.07.82

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 MEC2 RELEASE DATED NOV 76 UPDATED APR 1980  
 ERROR CORR - 01.02.13.04  
 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 110

SECNO	CNSEL	DIFKVS	EG	TOPVID	QLOB	GCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
1.109	9.40	0.	9.40	2322.61	33.01	2.25	328.73	0.	0.	815.00	810.00	0.
1.100	10.40	1.00	10.40	1105.79	0.	2.41	361.59	.53	815.00	815.00	810.00	1920.79
2.000	13.57	0.	13.58	178.46	325.58	9.22	29.20	0.	0.	423.00	425.00	0.
2.000	14.59	1.02	14.61	85.54	354.13	9.87	0.	.44	339.46	423.00	425.00	425.00

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FLOODWAY DATA: FLOOD  
PROFILE NO. 2

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	FLOODWAY WITH DIFFERENCE	WATER SURFACE ELEVATION WITHOUT DIFFERENCE	FLOODWAY
1+100	1106.	2942.	.1	10.4	9.4	1.0
2+100	86.	313.	1.2	14.6	13.6	1.0