

UPSTREAM TRIB. OF

NEW RIVER

THIS RUN EXECUTED 15 APR 82 15:48:20

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*****
HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
ERROR CORR - 61,02,13,04,05
MODIFICATION - 53,51,52,53,54,55
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T1 UPSTREAM TRIBUTARY OF NEW RIVER
T2 ONSLOW COUNTY
T3 50 YEAR FLOOD

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	ICHECK	ING	NINV	IOIR	STRT	METRIC	HVINS	Q	USEL	FO
J1	-0.	3.	-0.	-0.	.004500	-0.	-0.	-0.	53.000	-0.
J2	NPROF	IPL0T	PREVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	2.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 15 APR 82 15:48.20

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MEC2 RELEASE DATED NOV 75 UPDATED MARC 1982
ERROR CORR - 01.02.03.04.05
MODIFICATION - 50.51.52.53.54.55
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T1 UPSTREAM TRIBUTARY OF NEW RIVER
T2 ONSLOW COUNTY
T3 100 YEAR FLOOD

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	ICHECK	INQ	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FB
J1	-0.	4.	-0.	-0.	-0.	005000	-0.	-0.	-0.	54.000	-0.
J2	NPROF	IFLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IRW	CHNIM	ITRACE	
	3.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.	-0.

 HEC2 RELEASE DATED NOV 75 UPDATED MARCH 1982
 ERROR CORR - 11,02,03,4,55
 MODIFICATION - 50,51,52,53,54,55

T1 UPSTREAM TRIBUTARY OF NEW RIVER
 T2 ONSELOW COUNTY
 T3 500 YEAR FLOOD

	ICHECK	ICR	MINV	ICR	STRT	METRIC	HVINS	O	WSEL	FG
J1	-1	5	-1	-1	004500	-0	-0	-0	55.000	-0
J2	15.000	-0	-1.000	-0	-0	-0	-1.000	-0	CHNIM	ITRACE

THIS RUN EXECUTED 15 APR 82 15:48:20

 HECB RELEASE DATED NOV 76 UPDATED MARC 1982
 EPPOR CORR - 51,02,13,4,05
 MODIFICATION - 5,02,1,02,53,54,56

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

1 YEAR FLOOD

SUMMARY PRINCIPAL TABLE 11

SECT	CYSEL	DIPKX	EG	TORWID	QLOB	QCH	OROE	PERENC	STEVCL	STCHL	STCHR	STENCR
21	47.84	-2.1	47.92	191.72	17.97	246.76	30.34	0.	0.	428.00	450.00	0.
21	48.81	-4.19	41.92	277.71	83.29	386.56	135.15	0.	0.	428.00	450.00	0.
21	49.82	-6.79	49.82	216.41	131.42	455.59	288.08	0.	0.	428.00	450.00	0.
21	51.43	-4.57	50.53	425.03	319.57	594.12	536.31	0.	0.	428.00	450.00	0.
22	56.00	0.	56.07	196.93	52.16	136.78	106.04	0.	0.	432.00	450.00	0.
22	57.45	0.	57.45	259.53	141.02	212.33	251.64	0.	0.	432.00	450.00	0.
22	58.88	0.	58.11	292.06	201.36	252.16	341.48	0.	0.	432.00	450.00	0.
22	59.54	0.	59.57	328.13	413.65	369.78	636.56	0.	0.	432.00	450.00	0.
23	57.58	0.	57.58	21.51	0.	166.00	0.	0.	0.	436.00	458.00	0.
23	58.07	0.	58.77	189.18	5.96	277.12	69.91	0.	0.	436.00	458.00	0.
23	59.23	0.	59.23	226.86	18.14	317.66	133.20	0.	0.	436.00	458.00	0.
23	60.51	0.	60.54	313.19	92.71	416.65	349.64	0.	0.	436.00	458.00	0.
24	57.00	0.	58.01	135.17	25.62	119.96	20.42	0.	0.	443.00	451.00	0.
24	58.16	0.	59.24	224.13	55.31	160.77	136.92	0.	0.	443.00	451.00	0.
24	59.66	0.	59.73	259.33	79.09	178.71	211.19	0.	0.	443.00	451.00	0.
24	61.01	0.	60.97	335.61	186.38	220.76	451.86	0.	0.	443.00	451.00	0.
25	56.00	0.	58.10	143.12	25.36	115.83	24.81	0.	0.	443.00	451.00	0.
25	57.16	0.	58.24	224.16	55.31	168.79	136.90	0.	0.	443.00	451.00	0.
25	58.66	0.	59.73	259.31	79.09	178.73	211.18	0.	0.	443.00	451.00	0.
25	61.01	0.	60.97	335.62	186.98	219.58	452.44	0.	0.	443.00	451.00	0.
26	56.00	0.	58.26	157.91	74	146.93	18.33	0.	0.	436.00	458.00	0.
26	57.35	0.	58.39	237.65	16.11	220.44	107.44	0.	0.	436.00	458.00	0.
26	58.83	0.	59.84	272.16	32.23	228.71	168.06	0.	0.	436.00	458.00	0.
26	61.00	0.	61.10	345.62	117.49	368.06	373.47	0.	0.	436.00	458.00	0.
27	72.56	0.	72.35	23.02	0.	166.00	0.	0.	0.	387.00	413.00	0.
27	74.10	0.	74.16	26.17	0.	352.91	0.	0.	0.	387.00	413.00	0.
27	74.75	0.	74.98	244.04	2.64	460.23	6.14	0.	0.	367.00	413.00	0.
27	75.69	0.	75.87	619.07	79.82	614.56	165.22	0.	0.	367.00	413.00	0.

SECNO	CUSEL	DIFKWS	EG	TOPWID	GLOB	GCH	OROB	PERENC	STENCL	STCHL	STCHR	STENCR
24.200	72.81	0.	73.09	6.50	0.	166.00	0.	0.	0.	396.75	403.25	0.
24.201	74.57	0.	74.87	154.99	69.32	234.08	49.60	0.	0.	396.75	403.25	0.
24.202	75.31	0.	75.49	498.28	107.69	253.57	107.74	0.	0.	396.75	403.25	0.
24.204	76.27	0.	76.37	729.35	220.03	273.34	365.64	0.	0.	396.75	403.25	0.
24.300	73.88	0.	74.08	6.50	0.	166.00	0.	0.	0.	396.75	403.25	0.
24.301	74.87	0.	75.05	272.75	72.44	222.46	58.10	0.	0.	396.75	403.25	0.
24.302	75.22	0.	75.49	512.73	197.86	252.67	108.47	0.	0.	396.75	403.25	0.
24.303	76.27	0.	76.37	729.28	220.02	273.38	365.60	0.	0.	396.75	403.25	0.
24.401	74.18	0.	74.21	26.47	.05	166.95	0.	0.	0.	387.00	413.00	0.
24.402	75.15	0.	75.21	783.81	11.89	321.10	20.01	0.	0.	387.00	413.00	0.
24.403	75.61	0.	75.67	591.95	35.21	362.60	71.19	0.	0.	387.00	413.00	0.
24.404	76.47	0.	76.52	771.00	120.73	457.12	261.15	0.	0.	387.00	413.00	0.

19 YEAR FLOOR

SUMMARY PRINTOUT TABLE 150

SECD	XLCK	ELTRO	FLLC	ELMIN	R	CWSEL	CRINS	EG	10X-S	VCH	AREA	DUK
21.00	04	04	04	41.48	295.00	47.84	44.59	47.92	34.68	2.46	228.27	50.09
21.01	04	04	04	41.48	605.00	48.81	46.03	48.92	44.67	3.17	452.22	90.52
21.02	04	04	04	41.48	795.00	49.21	47.23	49.32	49.29	3.49	569.75	113.24
21.03	04	04	04	41.48	1420.00	50.43	48.42	50.53	44.88	3.77	1038.99	211.97
22.00	04	04	04	59.40	295.00	56.05	54.01	56.07	18.31	1.74	392.88	68.94
22.01	04	04	04	56.40	605.00	57.45	54.59	57.48	17.51	2.05	708.49	144.59
22.02	04	04	04	56.40	795.00	58.08	54.96	58.11	17.48	2.19	881.83	190.13
22.03	04	04	04	56.40	1420.00	59.54	55.65	59.57	18.87	2.63	1366.48	326.89
23.00	04	04	04	52.00	166.00	57.38	55.11	57.48	60.77	2.46	67.51	21.29
23.01	04	04	04	52.00	353.00	58.67	56.08	58.77	55.04	2.90	238.93	47.58
23.02	04	04	04	52.00	469.00	59.20	56.58	59.29	49.21	2.96	349.71	66.85
23.03	04	04	04	52.00	859.00	60.51	58.43	60.59	38.36	3.06	705.63	138.70
23.04	04	04	04	52.00	166.00	57.90	55.21	58.01	46.10	2.97	115.07	24.45
23.05	04	04	04	52.00	353.00	59.16	56.45	59.24	39.47	3.18	141.04	56.19
23.06	04	04	04	52.00	469.00	59.66	57.96	59.73	37.87	3.28	461.36	76.21
23.07	04	04	04	52.00	859.00	60.89	58.87	60.95	33.18	3.43	830.19	149.13
23.08	04	04	04	52.00	166.00	58.02	0.	58.10	39.94	2.80	130.71	26.27
23.09	04	04	04	52.00	353.00	59.16	0.	59.24	39.49	3.18	340.96	66.17
23.10	04	04	04	52.00	469.00	59.66	0.	59.73	37.89	3.28	461.29	76.20
23.11	04	04	04	52.00	859.00	60.91	0.	60.97	32.57	3.40	836.58	150.52
24.00	04	04	04	52.00	166.00	58.22	55.11	58.26	22.12	1.71	162.18	35.29
24.01	04	04	04	52.00	353.00	59.35	56.11	59.39	23.17	2.07	385.20	73.34
24.02	04	04	04	52.00	469.00	59.83	56.58	59.88	23.35	2.21	509.58	97.07
24.03	04	04	04	52.00	859.00	61.06	58.45	61.10	22.46	2.48	889.24	181.26
24.04	04	04	04	66.80	166.00	72.26	69.71	72.35	69.03	2.43	68.26	19.98
24.05	04	04	04	66.80	353.00	74.01	71.00	74.16	72.10	3.18	111.23	41.57
24.06	04	04	04	66.80	469.00	74.75	71.52	74.94	74.20	3.54	169.93	54.45
24.07	04	04	04	66.80	859.00	75.69	72.82	75.87	74.21	3.97	577.88	99.72
24.08	04	04	04	66.80	166.00	72.81	69.52	73.09	60.50	4.25	39.09	21.34
24.09	04	04	04	66.80	353.00	74.57	71.29	74.80	51.22	4.64	144.78	49.32
24.10	04	04	04	66.80	469.00	75.31	73.16	75.49	44.37	4.58	372.00	70.41
24.11	04	04	04	66.80	859.00	76.27	75.26	76.37	36.07	4.44	975.98	143.02
24.12	04	04	04	66.80	166.00	73.08	0.	74.08	35.08	3.61	46.03	28.03
24.13	04	04	04	66.80	353.00	74.87	0.	75.05	40.83	4.24	212.16	55.25
24.14	04	04	04	66.80	469.00	75.32	0.	75.49	43.92	4.56	375.89	70.77
24.15	04	04	04	66.80	859.00	76.27	0.	77.37	36.09	4.44	975.76	142.99

SECNO	XLCV	ELTRD	ELLC	ELMIN	O	CLSEL	CPIMS	EG	10K*S	VCH	AREA	001K
24.4	58.18	0%	0%	66.87	176.55	74.19	68.97	74.21	9.57	1.31	127.10	53.65
24.4	58.18	0%	0%	66.87	353.06	75.15	70.23	75.21	20.00	2.12	301.02	78.94
24.4	58.18	0%	0%	66.87	469.08	75.61	70.89	75.67	19.84	2.22	538.10	105.29
24.4	53.10	0%	0%	66.87	659.08	76.07	72.33	76.52	20.65	2.46	1117.16	189.04

10 YEAR FLOOD

SUMMARY PRINTOUT TABLE 150

SECNO	0	CASEL	QIFWSP	DIFWSX	DIFKNS	TOPWID	XLCH
21.000	295.00	47.84	0.	0.	-2.16	181.72	0.
21.000	505.00	48.81	.97	0.	-4.19	277.71	0.
21.000	795.00	49.21	.40	0.	-4.79	316.40	0.
21.000	1420.00	50.43	1.22	0.	-4.57	465.03	0.
22.000	295.00	56.05	0.	8.21	0.	196.93	3400.00
22.000	505.00	57.45	1.40	8.64	0.	259.59	3400.00
22.000	795.00	58.08	.63	8.87	0.	292.06	3400.00
22.000	1420.00	59.54	1.45	9.16	0.	368.13	3400.00
23.000	166.00	57.36	0.	1.33	0.	21.51	350.00
23.000	353.00	58.67	1.28	1.22	0.	189.18	350.00
23.000	469.00	59.27	.53	1.12	0.	226.85	350.00
23.000	859.00	60.51	1.31	.97	0.	313.10	350.00
23.000	166.00	57.98	0.	.52	0.	135.17	100.00
23.000	353.00	59.16	1.26	.50	0.	224.13	100.00
23.000	469.00	59.66	.51	.46	0.	259.33	100.00
23.000	859.00	60.89	1.23	.38	0.	335.51	100.00
23.000	166.00	58.02	0.	.11	0.	143.12	42.00
23.000	353.00	59.16	1.15	-.00	0.	224.10	42.00
23.000	469.00	59.66	.51	-.00	0.	259.31	42.00
23.000	859.00	60.91	1.25	.02	0.	336.52	42.00
23.000	166.00	58.02	0.	.28	0.	157.91	50.00
23.000	353.00	59.35	1.13	.19	0.	237.65	50.00
23.000	469.00	59.83	.49	.17	0.	272.16	50.00
23.000	859.00	61.06	1.22	.14	0.	345.62	50.00
24.000	166.00	72.26	0.	14.04	0.	23.02	3600.00
24.000	353.00	74.01	1.74	14.66	0.	26.17	3600.00
24.000	469.00	74.75	.74	14.91	0.	244.09	3600.00
24.000	859.00	75.69	.94	14.63	0.	609.07	3600.00
24.000	166.00	72.81	0.	.55	0.	6.50	100.00
24.000	353.00	74.57	1.74	.56	0.	154.99	100.00
24.000	469.00	75.31	.75	.57	0.	498.28	100.00
24.000	859.00	76.27	.95	.58	0.	729.35	100.00
24.000	166.00	73.85	1.	1.91	0.	6.50	52.00
24.000	353.00	74.87	.96	.30	0.	272.75	52.00
24.000	469.00	75.32	.45	.60	0.	502.73	52.00
24.000	859.00	76.27	.95	-.60	0.	729.28	52.00

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SECNO	Q	CWSEL	DIFWSP	DIFMSX	DIFKUS	TOPHID	MLCH
24.403	166.00	74.10	0.	30	0.	26.47	50.00
24.404	353.00	75.15	.97	.29	0.	383.81	50.00
24.405	469.00	75.61	.46	.29	0.	591.95	50.00
24.406	859.00	76.47	.86	.20	0.	771.00	50.00

15 APR 84 15.48.20

FLOODWAY DATA - 10 YEAR FLOOD
PROFILE NO. 2

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	DIFFERENCE
21.000	278.	452.	1.3	48.8	47.8	1.0
22.000	259.	752.	.9	57.4	56.0	1.4
23.010	182.	239.	1.5	58.7	57.4	1.3
23.200	214.	343.	1.0	59.2	57.9	1.3
23.300	214.	343.	1.0	59.1	58.8	1.1
23.400	228.	385.	.9	59.3	58.2	1.1
24.100	203.	112.	3.2	74.0	72.3	1.7
24.200	185.	148.	2.4	74.0	72.8	1.8
24.300	273.	212.	1.7	74.9	73.9	1.0
24.400	264.	301.	1.2	75.2	74.2	1.0

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FLOODWAY DATA, 15 YEAR FLOOD
PROFILE NO. 3

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	DIFFERENCE
21+000	316.	57.	1.4	49.2	47.8	1.4
22+000	292.	88.2	.9	58.0	56.0	2.0
23+100	227.	35.8	1.3	59.2	57.4	1.8
23+200	259.	46.1	1.3	59.7	57.9	1.8
23+300	259.	46.1	1.3	59.6	58.0	1.6
23+400	272.	51.0	.9	59.8	58.2	1.6
24+100	244.	17.0	2.8	74.8	72.3	2.5
24+200	498.	372.	1.3	75.3	72.8	2.5
24+300	515.	376.	1.2	75.3	73.9	1.4
24+400	592.	538.	.9	75.6	74.2	1.4

FLOODWAY DATA, 10 YEAR FLOOD
PROFILE NO. 4

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	DIFFERENCE
21+90	587	1354	1.4	57.4	47.9	2.6
22+00	368	1166	1.4	59.5	56.8	3.5
23+10	315	774	1.4	60.5	57.4	3.1
23+20	336	93	1.4	60.5	57.9	3.0
23+30	237	437	1.4	60.9	58.0	2.9
23+40	345	889	1.4	61.3	58.2	2.8
24+10	478	576	1.4	75.7	72.3	3.4
24+20	700	974	1.4	76.3	72.8	3.5
24+30	729	974	1.4	76.3	73.9	2.4
24+40	714	1117	1.4	76.5	74.2	2.3

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THIS RUN EXECUTED 16 APR 82 09:36:50

 HEC2 RELEASE DATED NOV 75 UPDATED MARCH 1982
 EFFORT CODE - 1 1 2 3 4 5
 MODIFICATION - 5 6 1 5 2 3 4 5

T1 UPSTREAM TRIIBUTARY OF NEW RIVER
 T2 OUSLOX COUNTY
 T3 FLORIDA

J1	ICHECK	TOT	IBV	IBV	STRT	METRIC	FVINS	G	WSEL	FR
									504210	-00
J2	WRAVE	1000	1000	1000	1000	1000	1000	1000	CHNIM	ITRACE
									-00	-00

INLET 1. THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF
 PROFILE TYPE, WHICH CAN VARY FROM 1.0 TO 1.0. SEE OCCUPATION FOR
 DETAILS.

THIS RUN EXECUTED 16 APR 82 09:36:50

 4602 RELEASE DATED NOV 76 UPDATED MARC 1982
 EPFOR CORR - 0190007, 4, 15
 NOTIFICATION - 901150, 53, 54, 55

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

BASE FLOOR

SURVEY PRINTOUT TABLE III

SECT	CIRCUIT	WIRING	NO	TOPXID	GLOR	CCN	OROE	PERENC	STENCL	SYCHL	STCHR	STENCR
210	4500	1	45	37	137.43	455.48	206.09	0.	0.	428.00	450.00	0.
210	4500	1	45	37	13.21	595.15	186.62	.41	423.90	428.90	450.00	493.22
220	4500	1	45	11	11.76	252.16	341.98	0.	0.	432.00	450.00	0.
220	4500	1	45	11	15.51	303.54	332.15	.27	394.42	432.00	450.00	527.43
230	4500	1	45	14	10.14	317.66	133.20	0.	0.	436.00	458.00	0.
230	4500	1	45	14	1.	475.37	63.63	.37	435.00	436.00	458.00	485.71
250	4500	1	45	72	75.19	176.71	211.19	0.	0.	443.40	451.40	0.
250	4500	1	45	72	13.01	212.19	243.84	.36	440.57	443.40	451.40	535.24
260	4500	1	45	77	79.19	176.73	211.18	0.	0.	443.40	451.40	0.
260	4500	1	45	77	17.02	212.13	243.84	.36	440.58	443.40	451.40	535.23
270	4500	1	45	38	32.23	208.71	166.06	0.	0.	436.00	458.00	0.
270	4500	1	45	38	0.	356.27	142.73	.34	435.00	436.00	458.00	517.37
280	4500	1	45	24	2.64	409.23	6.14	0.	0.	387.00	413.00	0.
280	4500	1	45	24	1.	469.32	0.	.30	387.02	387.00	413.00	413.00
290	4500	1	45	24	1.70	253.57	117.74	0.	0.	396.75	403.25	0.
290	4500	1	45	24	8.17	254.96	214.04	.52	395.75	396.75	403.25	477.45
290	4500	1	45	24	1.70	252.67	178.47	0.	0.	396.75	403.25	0.
290	4500	1	45	24	8.17	253.05	215.92	.52	396.75	396.75	403.25	478.98
290	4500	1	45	24	35.21	342.67	71.19	0.	0.	387.00	413.00	0.
290	4500	1	45	24	1.9	464.96	4.54	.49	387.01	387.00	413.00	417.99

FLOODWAY DATA BASE FLOOD
PROFILE NO. 2

STATION	FLOODWAY		VELOCITY		WATER SURFACE ELEVATION		DIFFERENCE
	WIDTH	DEPTH	WITHOUT FLOODWAY	WITH FLOODWAY	WITHOUT FLOODWAY	WITH FLOODWAY	
21.7	6.1	2.24	1.4	5.42	45.82	45.82	1.00
22.4	10.5	7.24	1.1	58.49	58.41	58.41	.48
23.1	13.1	13.1	1.6	6.41	59.82	59.82	.49
23.8	14.7	14.7	1.4	6.90	59.87	59.87	.49
24.5	16.3	16.3	1.2	6.47	59.87	59.87	.49
25.2	17.9	17.9	1.4	7.47	55.48	55.48	.49
26.0	19.5	19.5	1.2	7.47	74.47	74.47	.44
26.7	21.1	21.1	1.2	7.47	75.47	75.47	.47
27.4	22.7	22.7	1.1	7.47	75.47	75.47	.47
28.1	24.3	24.3	1.1	7.47	75.47	75.47	.47
28.8	25.9	25.9	1.1	7.47	75.47	75.47	.47