

COWFORD BRANCH

13 1 1947

THIS RUN EXECUTED 22 APR 82 11:44:30

 HEC2 RELEASE DATED NOV 76 UPDATED MARCH 1982
 ERROR CORR - P102-03,04,05
 MODIFICATION - 50-51,52-53,54,55

T1 NORTH CAROLINA FLOOD INSURENCE STUDY TC 3380-12 SH NAZARIE
 T2 CUMFORD BRANCH
 T3 50-YEAR FLOOD

J1	ICHECK	INR	NIWV	IDIR	STRT	METRIC	HVINS	Q	USEL	PQ
J2	NPROF	IFLOT	PREVS	XSECV	XSECH	FN	ALLDC	IBY	CMNIM	ITRACE
	2.000	0.0	-1.000	-0.0	-0.0	-0.0	-1.000	-0.0	-0.0	-0.0
		3.0	-0.0	-0.0	603000	-0.0	-0.0	-0.0	37.000	-0.0

THIS RUN EXECUTED 22 APR 82 11.00.31

 NECC RELEASE DATED NOV 76 UPDATED MARC 1982
 ERROR CORR - 0102,53,64,05
 MODIFICATION - 50,51,52,53,54,55

I1 NORTH CAROLINA FLOOD INSURENCE STUDY TC 3380-12 SH NAZARIE
 T2 COWFORD BRANCH
 T3 1-YEAR FLOOD

	J1	ICHECK	INQ	MINV	IDIR	STRT	METRIC	WVINS	Q	WSEL	FG
	-0.	4.	-0.	-0.	603900	-0.	-0.	-0.	-0.	39.000	-0.
J2	NPKOF	IFLOT	PRFVS	YSECV	XSECH	FU	ALLDC	IBW	CHNIM	ITRACE	
	3.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.	

THIS RUN EXECUTED 22 APR 82 11.44.31

 HEC2 RELEASE DATED NOV 76 UPDATED MARCH 1982
 ERROR CORR - 01.02.03.04.05
 MODIFICATION - 50.51.52.53.54.55

T1 NORTH CAROLINA FLOOD INSURENCE SIJDY TC 3383-12 SH NAZARIE
 T2 COMFORD BRANCH
 T3 5-YEAR FLOOD

J1	ICHECK	IAG	MINV	IDIR	STR1	METRIC	HVINS	G	WSEL	FO
	-0.	5.	-1.	-1.	1.03600	-0.	-0.	-0.	40.000	-0.
J2	NEROF	INLOT	FRFS	YSECV	XSECH	FN.	ALLDC	IBV	CHNIM	ITRACE
	15.0.	-	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 22 APR 82 11:44:31

 HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
 ERROR CORP - 0102030405
 MODIFICATION - 505152535455

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

1-YEAR FLD00

SUMMARY PRINTOUT TABLE 11

SECNO	CWSEL	CIPKAS	CB	TOPWID	GLOBE	GCH	GRDB	PERENC	STEVCL	STCHL	STCHR	STENC
15.1	42.88	5.66	42.88	265.14	151.92	70.14	185.94	0.	0.	414.00	425.00	0.
15.1	43.05	6.85	43.05	298.26	332.43	115.03	379.55	0.	0.	414.00	425.00	0.
15.1	44.43	5.42	44.45	314.79	444.26	139.71	496.03	0.	0.	414.00	425.00	0.
15.1	45.40	5.89	45.92	356.56	820.73	212.92	866.34	0.	0.	414.00	425.00	0.
15.2	46.79	6.	44.59	9.83	0.	438.06	0.	0.	0.	430.00	440.00	0.
15.2	46.85	6.	47.95	16.07	0.	827.00	0.	0.	0.	430.00	440.00	0.
15.2	48.11	6.	49.59	18.69	0.	1080.00	0.	0.	0.	430.00	440.00	0.
15.2	49.83	6.	50.41	23.57	662.05	1173.74	64.21	0.	0.	430.00	440.00	0.
15.3	44.13	6.	45.11	19.08	0.	408.00	0.	0.	0.	430.00	440.00	0.
15.3	46.28	6.	49.57	16.08	0.	827.00	0.	0.	0.	430.00	440.00	0.
15.3	5.285	6.	51.87	2.6.26	519.49	560.51	0.	0.	0.	430.00	440.00	0.
15.4	51.7	6.	51.99	3.22.71	1.03.63	8.9.13	87.24	0.	0.	430.00	440.00	0.
15.4	45.73	6.	46.74	251.31	149.91	72.47	185.62	0.	0.	414.00	425.00	0.
15.4	44.03	6.	49.07	396.53	365.32	56.86	374.82	0.	0.	414.00	425.00	0.
15.4	51.15	6.	51.10	433.34	492.69	133.72	483.39	0.	0.	414.00	425.00	0.
15.4	52.91	6.	52.13	519.02	889.64	173.89	839.47	0.	0.	414.00	425.00	0.
16.	46.88	6.	46.48	201.41	158.86	62.30	186.84	0.	0.	414.00	425.00	0.
16.	51.22	6.	51.02	4.4.13	366.49	66.07	374.44	0.	0.	414.00	425.00	0.
16.	51.85	6.	51.26	439.84	494.55	133.19	482.76	0.	0.	414.00	425.00	0.
16.	52.31	6.	52.31	525.81	893.14	168.62	838.24	0.	0.	414.00	425.00	0.

10-YEAR FLOOD

SUMMARY PRINTOUT TABLE 15

SECTNO	XLCH	ELFTD	ELLC	ELMIN	G	CWSL	CRIVS	EG	10K+S	VCH	AREA	*QIK
15.1	0.	1.	1.	37.6	408.00	42.66	41.12	42.66	30.03	1.87	541.09	79.46
15.1	1.	1.	0.	37.6	827.00	43.85	41.42	43.87	29.94	2.28	879.18	151.15
15.1	2.	2.	1.	37.6	1080.00	44.43	41.69	44.45	29.65	2.46	1052.62	198.33
15.1	3.	3.	0.	37.6	1900.00	45.89	42.12	45.92	30.06	2.92	1543.48	346.53
15.2	0.	0.	0.	38.0	408.00	42.79	42.68	44.59	1379.09	10.76	37.93	10.99
15.2	1.	1.	0.	38.0	827.00	44.95	44.95	47.95	1310.05	13.90	59.49	22.85
15.2	2.	2.	1.	38.0	1080.00	46.13	46.10	49.69	1241.81	15.22	70.95	30.65
15.2	3.	3.	0.	38.0	1930.00	49.03	49.03	50.41	463.23	11.71	321.95	88.28
15.3	0.	0.	0.	38.0	408.00	44.13	0.	45.11	522.25	7.95	51.31	17.85
15.3	1.	1.	0.	38.0	827.00	48.28	0.	49.52	297.09	8.91	92.85	47.98
15.3	2.	2.	1.	38.0	1080.00	50.88	0.	51.07	60.03	4.72	496.03	139.29
15.3	3.	3.	0.	38.0	1900.00	51.79	0.	51.99	188.11	6.37	754.56	189.90
15.4	0.	0.	0.	40.8	408.00	45.73	44.32	45.74	35.59	2.01	506.64	67.45
15.4	1.	1.	0.	40.8	827.00	49.91	44.68	49.92	3.39	1.06	1849.91	44.03
15.4	2.	2.	1.	40.8	1080.00	51.15	44.80	51.16	2.91	1.09	2389.41	635.59
15.4	3.	3.	0.	40.8	1900.00	52.12	45.33	52.13	5.51	1.61	2874.89	809.06
15.4	4.	4.	1.	40.8	408.00	46.45	44.32	46.45	14.02	1.42	699.99	108.95
15.4	5.	5.	2.	40.8	827.00	50.03	44.65	50.03	3.15	1.03	1898.90	465.61
15.4	6.	6.	3.	40.8	1080.00	51.25	44.81	51.26	2.75	1.07	2439.51	651.01
15.4	7.	7.	4.	40.8	1900.00	52.31	45.34	52.31	5.04	1.56	2970.21	845.93

10-YEAR FLUID

SUMMARY PRINTOUT TABLE 151

SECTID	W	CASPL	WIFSKP	WIFSKX	WIFKWS	TOTJID	XLCH
1541	9780	42860	0	0	5.66	265.04	0
1541	92700	43880	1.16	0	6.69	298.36	0
1541	10400	44420	58	0	5.47	214.79	0
1541	19700	45000	1.45	0	5.89	258.56	0
1542	43800	42870	0	13	0	9.83	50.00
1542	42700	44890	2.18	1.10	0	10.89	50.00
1542	1000	46110	1.15	1.67	0	19.09	50.00
1542	0	49000	2.93	3.14	0	63.57	50.00
1543	40000	44110	0	1.34	0	11.00	72.00
1543	33700	46200	4.15	3.32	0	14.90	72.00
1543	0	47000	0	4.78	0	26.26	72.00
1543	0	51000	0	2.67	0	32.71	72.00
1544	4000	45700	0	1.46	0	24.31	50.00
1544	37000	47000	4.10	1.62	0	39.65	50.00
1544	10000	51100	1.24	1.27	0	47.34	50.00
1544	0	53000	0	0.42	0	519.02	50.00
1545	4000	45000	0	0	0	201.41	350.00
1545	37000	47000	2.10	0.11	0	44.13	350.00
1545	0	51000	1.10	0.1	0	479.84	350.00
1545	0	59000	1.0	0.1	0	525.85	350.00

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
15+100	298*	874*	9	43.9	42.7	1.2
15+200	10*	59*	13.9	45.0	42.8	2.2
15+300	10*	93*	8.9	48.3	44.1	4.2
15+400	397*	1850*	4	49.9	45.7	4.2
15+500	454*	1899*	4	50.0	46.4	3.6

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FLOODWAY DATA, 10-YEAR FLOOD
PROFILE NO. 3

STATION	----- FLOODWAY -----		WATER SURFACE ELEVATION	
	WIDTH	SECTION AREA	WITH FLOODWAY	WITHOUT FLOODWAY
			VELOCITY	DIFFERENCE
15+189	315.	1653.	1.0	1.8
15+209	11.	71.	15.2	3.3
15+350	266.	496.	2.2	6.7
15+458	473.	2389.	5	5.4
15+488	489.	2448.	14	4.8

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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
15+100	159*	1543*	1.2	45.9	42.7	3.2
15+200	24*	322*	5.9	49.0	42.8	6.2
15+300	323*	755*	2.5	51.7	44.1	7.6
15+400	513*	2875*	.7	52.1	45.7	6.4
16+500	526*	2970*	.6	52.3	46.4	5.9

THIS RUN EXECUTED 22 APR 82 13.19.58

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HCC2 RELEASE DATED NOV 75 UPDATED MARCH 1982
ERROR CORR - 01.02.13.4085
MODIFICATION - 5.051.52.53.54.55
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I1 NORTH CAROLINA FLOOD INSURANCE STUDY IC 3589-12 SR NAZARIE
I2 CORPOFD GRANCH
I3 FLOODWAY

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J1	ICHECK	ICG	MINV	ICIR	STRT	METRIC	FVIMS	Q	WSEL	FG
J2	WRFGE	IFLOT	CFREVS	XSECV	XSECH	FN	ALLDC	IBU	CHNIM	ITRACE
	15.		-1.000		-32	-0.	-1.000	-0.	-0.	-0.

IHLES = 1. THEREFORE FRICTION LOSS (FL) IS CALCULATED AS A FUNCTION OF PROFILE TYPE WHICH CAN VARY FROM BLACK TO GRASS. SEE DOCUMENTATION FOR DETAILS.

THIS RUN EXECUTED 22 APR 82 15.19.58

 HEC2 RELEASE DATED NOV 79 UPDATED MARC 1982
 ERROR CODE - 019253, 44, 05
 MODIFICATION - 5141, 52, 53, 54, 55

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

FLOOD

SUMMARY PRINTOUT TABLE 11.

SECTION	CROSS	IFKYS	EG	TOTWID	9LOF	SCCH	GFCS	PERENC	STEVCL	STCHL	STCHR	STENCHR
1574	484.7	0	44.45	214.87	444.37	139.67	496.03	0	0	414.00	425.00	0
1574	484.7	100	45.47	177.76	420.75	186.90	472.35	.33	337.34	414.00	425.00	505.10
1572	484.5	0	44.52	181.00	444.37	124.00	0	0	0	430.00	440.00	0
1572	484.5	100	44.64	181.00	444.37	182.00	0	0	430.00	430.00	440.00	440.00
1575	514.5	0	51.17	264.26	515.49	561.51	0	0	0	430.00	440.00	0
1575	514.5	100	51.14	191.20	477.55	632.01	0	.31	400.80	430.00	440.00	440.00
1576	514.5	0	51.17	413.34	492.69	134.82	483.39	0	0	414.00	425.00	0
1576	514.5	100	51.04	333.21	445.24	154.28	468.48	.22	296.33	414.00	425.00	529.55
1577	514.5	0	51.04	459.84	494.15	134.19	482.75	0	0	414.00	425.00	0
1577	514.5	100	51.14	333.73	443.52	125.9	461.43	.22	294.40	414.00	425.00	525.13

FLOODWAY DATA FLOOD
PROFILE NO. 2

STATION	FLOODWAY SECTION AREA		MEAN VELOCITY	WATER SURFACE ELEVATION WITH WITHOUT DIFFERENCE	
	WIDTH	AREA		FLOODWAY	FLOODWAY
15+100	188	656	1.3	45.4	44.4
15+200	10	71	15.2	46.1	46.1
A 15+300	39	318	3.5	50.9	50.9
15+400	233	1773	.6	51.3	51.2
B 16+000	231	1783	1.6	51.4	51.3