
HEC2 VERSION UPDATED JAN 1976

ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09

MODIFICATIONS 52,53,54,55,56,57,58

KENDRICK CREEK

O.K.

THIS RUN EXECUTED 13 AUG 82 11.05.28

 HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
 ERROR CORR - 01,02,03,04,05
 MODIFICATION - 50,51,52,53,54,55

T1 NORTH CAROLINA FLOOD INSURANCE STUDIES
 T2 ~~BEAVER CREEK~~ *LENDRICK CREEK*
 T3 10 YEAR FLOOD

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-0.	2.	-0.	-0.	000600	-0.	-0.	-0.	2.500	-0.
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLOD	IBW	CHNIM	ITRACE
	-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.
J6	IHLQ	ICOPY								
	1.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
NC	.200	.200	.050	.100	.300	-0.	-0.	-0.	-0.	-0.
QT	5.000	1033.000	1988.000	2549.000	4276.000	2549.000	-0.	-0.	-0.	-0.
X1	1.100	13.000	765.000	797.000	-0.	-0.	-0.	-0.	-0.	-0.
GR	16.900	-0.	14.100	310.000	5.600	385.000	1.100	765.000	.300	765.000
GR	-4.100	781.000	.300	797.000	1.300	797.000	2.300	997.000	3.300	1042.000
GR	4.800	1056.000	9.200	1256.000	15.000	1881.000	-0.	-0.	-0.	-0.
NC	-0.	-0.	-0.	.300	.500	-0.	-0.	-0.	-0.	-0.
X1	1.200	13.000	774.000	808.000	100.000	100.000	100.000	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	5.000	4.500	-0.
GR	16.900	-0.	14.100	310.000	5.600	385.000	1.100	774.000	-0.800	774.000
GR	-1.800	791.000	.100	808.000	1.300	808.000	2.300	997.000	3.300	1042.000
GR	4.800	1056.000	9.200	1256.000	15.000	1891.000	-0.	-0.	-0.	-0.
SB	1.250	1.600	2.800	-0.	25.600	2.000	164.000	.710	-1.800	-1.800
X1	1.300	-0.	-0.	-0.	28.500	28.500	28.500	-0.	-0.	-0.
X2	-0.	-0.	1.000	4.100	5.200	-0.	-0.	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	6.000	5.200	-0.
BT	9.000	-0.	14.700	-0.	385.000	7.300	-0.	765.000	6.000	-0.
BT	774.000	6.000	-0.	774.000	8.300	-0.	808.000	8.300	-0.	808.000
BT	6.300	-0.	997.000	5.200	-0.	1256.000	8.200	-0.	-0.	-0.

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T1 NORTH CAROLINA FLOOD INSURANCE STUDIES
 T2 BEAVER DAM BRANCH
 T3 50 YEAR FLOOD

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-0.	3.	-0.	-0.	.000175	-0.	-0.	-0.	5.500	-0.
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	2.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

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T1 NORTH CAROLINA FLOOD INSURANCE STUDIES
 T2 BEAVER DAM BRANCH
 T3 100 YEAR FLOOD

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-0.	4.	-0.	-0.	.000162	-0.	-0.	-0.	7.100	-0.
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	3.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

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T1 NORTH CAROLINA FLOOD INSURANCE STUDIES
 T2 BEAVER DAM BRANCH
 T3 500 YEAR FLOOD

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-0.	5.	-0.	-0.	.000150	-0.	-0.	-0.	11.200	-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.

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

10 YEAR FLOOD

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
1.100	0.	0.	0.	-4.10	1033.00	5.02	1.32	5.07	6.09	2.51	1628.54	418.59
1.100	0.	0.	0.	-4.10	1988.00	8.94	3.32	8.96	1.75	1.82	4683.01	1502.10
1.100	0.	0.	0.	-4.10	2549.00	10.15	3.81	10.16	1.63	1.88	5822.35	1994.43
1.100	0.	0.	0.	-4.10	4276.00	12.96	4.59	12.98	1.51	2.08	9132.16	3477.29
1.200	100.00	0.	0.	-1.80	1033.00	5.09	1.97	5.14	6.87	2.46	1636.34	394.09
1.200	100.00	0.	0.	-1.80	1988.00	8.96	4.73	8.98	1.84	1.77	4663.98	1465.50
1.200	100.00	0.	0.	-1.80	2549.00	10.17	5.00	10.18	1.70	1.83	5805.12	1957.58
1.200	100.00	0.	0.	-1.80	4276.00	12.98	5.30	12.99	1.54	2.02	9130.13	3443.34
1.300	28.50	5.20	4.10	-1.80	1033.00	5.81	0.	5.87	6.56	2.59	1173.72	403.24
1.300	28.50	5.20	4.10	-1.80	1988.00	9.00	0.	9.02	1.79	1.75	4708.97	1484.30
1.300	28.50	5.20	4.10	-1.80	2549.00	10.21	0.	10.22	1.66	1.81	5858.03	1980.62
1.300	28.50	5.20	4.10	-1.80	4276.00	13.03	0.	13.04	1.51	2.01	9214.28	3482.05
1.400	50.00	0.	0.	-4.10	1033.00	5.87	1.31	5.90	3.12	1.94	2211.26	585.19
1.400	50.00	0.	0.	-4.10	1988.00	9.01	3.33	9.03	1.69	1.79	4744.78	1527.97
1.400	50.00	0.	0.	-4.10	2549.00	10.21	3.74	10.23	1.58	1.86	5892.52	2025.07
1.400	50.00	0.	0.	-4.10	4276.00	13.03	4.57	13.05	1.47	2.06	9235.79	3525.09
1.000	3950.00	0.	0.	1.50	983.00	7.37	4.84	7.38	4.60	1.73	2736.99	458.18
1.000	3950.00	0.	0.	1.50	1897.00	9.74	5.27	9.75	2.05	1.53	5794.88	1324.22
1.000	3950.00	0.	0.	1.50	2434.00	10.86	5.57	10.86	1.68	1.52	7323.33	1876.75
1.000	3950.00	0.	0.	1.50	4115.00	13.58	6.15	13.58	1.30	1.63	11328.89	3611.83

10 YEAR FLOOD

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
1.100	1033.00	5.02	0.	0.	2.52	631.96	0.
1.100	1988.00	8.94	3.92	0.	3.44	888.68	0.
1.100	2549.00	10.15	1.21	0.	3.05	1013.13	0.
1.100	4276.00	12.96	2.81	0.	1.76	1340.96	0.
1.200	1033.00	5.09	0.	.07	0.	639.54	100.00
1.200	1988.00	8.96	3.87	.02	0.	889.63	100.00
1.200	2549.00	10.17	1.20	.02	0.	1016.70	100.00
1.200	4276.00	12.98	2.81	.02	0.	1349.23	100.00
1.300	1033.00	5.81	0.	.71	0.	327.70	28.50
1.300	1988.00	9.00	3.20	.04	0.	892.37	28.50
1.300	2549.00	10.21	1.21	.04	0.	1022.84	28.50
1.300	4276.00	13.03	2.82	.05	0.	1356.58	28.50
1.400	1033.00	5.87	0.	.07	0.	722.10	50.00
1.400	1988.00	9.01	3.14	.01	0.	892.44	50.00
1.400	2549.00	10.21	1.21	.01	0.	1021.17	50.00
1.400	4276.00	13.03	2.82	.01	0.	1349.94	50.00
1.000	983.00	7.37	0.	1.50	0.	1178.54	3950.00
1.000	1897.00	9.74	2.37	.73	0.	1355.15	3950.00
1.000	2434.00	10.86	1.11	.64	0.	1405.40	3950.00
1.000	4115.00	13.58	2.72	.54	0.	1529.28	3950.00

Great!

THIS RUN EXECUTED 20 AUG 82 12.18.54

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T1 NORTH CAROLINA FLOOD INSURANCE STUDIES
 T2 ~~SECTION~~ KENDRICK CREEK
 T3 BASE FLOOD

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-0.	4.	-0.	-1.	-0.	-0.	-0.	-0.	10.150	-0.
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	-0.	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	110.000	200.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
J5	LPRNT	NUMSEC	*****REQUESTED SECTION NUMBERS*****							
	-10.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
J6	IHLEG	ICOPY								
	1.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
VC	5.200	200	050	100	300	-0.	-0.	-0.	-0.	-0.
WT	5.000	1033.000	1988.000	2549.000	4276.000	2549.000	-0.	-0.	-0.	-0.
ET	-0.	-0.	-0.	-0.	-0.	10.400	-0.	-0.	-0.	-0.
X1	1.100	13.000	765.000	797.000	-0.	-0.	-0.	-0.	-0.	-0.
GR	16.900	-0.	14.100	310.000	5.600	385.000	1.100	765.000	3.300	765.000
GR	-4.100	781.000	300	797.000	1.300	797.000	2.300	997.000	3.300	1042.000
GR	4.800	1056.000	9.200	1256.000	15.000	1881.000	-0.	-0.	-0.	-0.
VC	-0.	-0.	-0.	300	500	-0.	-0.	-0.	-0.	-0.
X1	1.200	13.000	774.000	808.000	100.000	100.000	100.000	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	5.000	4.600	-0.
GR	16.900	-0.	14.100	310.000	5.600	385.000	1.100	774.000	3.800	774.000
GR	-1.800	791.000	100	808.000	1.300	808.000	2.300	997.000	3.300	1042.000
GR	4.800	1056.000	9.200	1256.000	15.000	1891.000	-0.	-0.	-0.	-0.
SB	1.250	1.600	2.800	-0.	25.600	2.000	164.000	710	-1.800	-1.800
X1	1.300	-0.	-0.	-0.	28.500	28.500	28.500	-0.	-0.	-0.
X2	-0.	-0.	1.000	4.100	5.200	-0.	-0.	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	6.000	5.200	-0.
BT	9.000	-0.	14.700	-0.	385.000	7.300	-0.	765.000	6.000	-0.
BT	774.000	6.000	-0.	774.000	8.300	-0.	808.000	8.300	-0.	808.000
BT	6.000	-0.	997.000	5.200	-0.	1256.000	8.200	-0.	-0.	-0.

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T1 NORTH CAROLINA FLOOD INSURANCE STUDIES
 T2 BEAVER DAM BRANCH
 T3 FLOODWAY

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-0.	6.	-0.	-0.	-0.	-0.	-0.	-0.	11.150	-0.
J2	NPROF	IPLT	PRFVS	YSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

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

FLOOD

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STEVCL	STCHL	STCHR	STENCR
1.100	19.15	0.	10.17	1013.52	895.02	724.38	929.10	0.	0.	765.00	797.00	0.
1.100	11.15	1.00	11.17	516.37	830.96	827.01	891.02	.19	516.54	765.00	797.00	1032.91
1.201	19.17	0.	10.18	1017.09	936.91	698.13	913.96	0.	0.	774.00	808.00	0.
1.201	11.17	1.00	11.19	516.44	876.79	804.17	868.04	.19	515.95	774.00	808.00	1033.47
1.300	19.21	0.	10.23	1023.22	938.07	695.32	915.61	0.	0.	774.00	808.00	0.
1.300	11.21	1.00	11.23	520.51	878.76	799.31	870.93	.19	514.95	774.00	808.00	1035.47
1.400	19.22	0.	10.23	1021.55	896.79	720.74	931.47	0.	0.	765.00	797.00	0.
1.400	11.22	1.00	11.24	519.92	832.91	821.66	894.43	.19	515.00	765.00	797.00	1034.92
1.000	10.86	0.	10.86	1405.51	1173.54	245.92	1014.53	0.	0.	990.00	1010.00	0.
1.000	11.86	1.00	11.87	857.63	1212.12	299.13	922.75	.24	461.49	990.00	1010.00	1319.13

FLOODWAY DATA, FLOOD
PROFILE NO. 2

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION		
				WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
1.100	516.	4723.	.5	11.2	10.2	1.0
1.200	516.	4698.	.5	11.2	10.2	1.0
1.300	521.	4754.	.5	11.2	10.2	1.0
A 1.400	520.	4785.	.5	11.2	10.2	1.0
1.000	858.	6155.	.4	11.9	10.9	1.0