

NOTE:
PLEASE PRINT WITH CARE FROM THE YEAR 1950 TO THE YEAR 1959
PRINTED IN THE MANUFACTURING PLANT OF THE UNITED STATES GOVERNMENT

ROCKY BLIND

THIS RUN EXECUTED 15 DEC 81 13.35.23

 HEC2 RELEASE DATED NOV 76 UPDATED APR 1980
 ERROR CORR - 01.02.03.04
 MODIFICATION - 50.51.52.53.54

O.K.

T1 NORTH CAROLINA FLOOD INSURANCE STUDIES
 T2 ROCKY RUN GROUP I
 T3 TEN YEAR FLOOD

J1	ICHECK	ING	INIV	IDIR	STRT	METRIC	HVINS	IBU	CHNIM	WSEL	FO
	-9.	2.	-0.	-0.	0.000 0.000	-0.	-0.	-0.	7.000	-0.	-0.
J2	NPROF	IPLST	PRFVS	XSECV	XSECH	FN	ALLDC	IBU	CHNIM	WSEL	ITRACE
	1.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.	-0.
J3	VARIABLE CODES FOR SUMMARY PRINTOUT										
	110.000	159.000	201.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
J6	IHLEQ	ICOPY									
	1.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
NC	.200	.200	.090	.100	.300						
QT	5.000	421.000	651.000	1111.000	1947.000	1111.000					
X1	1.000	19.000	690.000	615.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.
GR	29.700	-0.	18.400	65.000	11.600	115.000	5.000	165.000	17.000	215.000	
GR	17.200	315.000	19.100	415.000	9.500	475.000	8.600	515.000	9.200	600.000	
GR	6.500	604.000	4.700	679.000	6.500	613.000	9.200	615.000	11.700	715.000	
GR	13.800	815.000	19.400	915.000	18.500	975.000	20.600	1015.000	-0.	-0.	
X1	1.100	14.000	415.000	427.000	1300.000	1800.000	1500.000	1500.000	-0.	-0.	-0.
GR	22.500	-0.	27.200	50.000	22.600	150.000	23.000	250.000	19.000	350.000	
GR	9.200	410.000	6.500	415.000	4.000	422.000	6.500	427.000	9.700	450.000	
GR	12.200	550.000	12.900	650.000	15.000	750.000	18.200	850.000	-0.	-0.	
VC	-0.	-0.	.090	.300	.500	-0.	-0.	-0.	-0.	-0.	-0.
X1	1.200	13.000	432.000	450.000	190.000	100.000	100.000	100.000	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	14.900	-0.	-0.
GR	20.200	-0.	19.000	58.000	17.000	150.000	15.500	250.000	15.000	350.000	
GR	14.900	432.000	4.700	432.000	4.800	450.000	14.900	450.000	15.800	550.000	
GR	17.000	650.000	18.800	750.000	19.500	850.000	-0.	-0.	-0.	-0.	
SB	1.250	1.600	2.500	-0.	16.500	.500	128.000	-0.	4.700	4.600	

THIS RUN EXECUTED 15 DEC 81 13.55.23

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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 NORTH CAROLINA FLOOD INSURANCE STUDIES
T2 ROCKY RUN, GROUP 1
T3 50 YEAR FLOOD

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J1	ICHECK	IRW	NJNV	IOIR	STRT	METRIC	HVINS	G	USEL	FG
	-0.	3.	-0.	-0.	0.000000	-0.	-0.	-0.	8.000	-0.
J2	NPROF	IFLOT	PRFVS	YSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	2.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 15 DEC 81 13:35:23

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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 NORTH CAROLINA FLOOD INSURANCE STUDIES
T2 ROCKY MOUNTAIN GROUP 1
T3 100 YEAR FLOOD

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J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-0.	4.	-0.	-0.	.000800	-0.	-0.	-0.	9.000	-0.
J2	NPROF	IFLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBV	CHNIM	ITRACE
	3.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 15 DEC 81 13:35:24

 HEC2 RELEASE DATED NOV 76 UPDATED APRIL 1980
 ERROR CORR - 01,02,03,04
 MODIFICATION - 50,51,52,53,54

T1 NORTH CAROLINA FLOOD INSURANCE STUDIES
 T2 ROCKY MOUNTAIN GROUP I
 T3 500 YEAR FLOOD

J1	ICHECK	ING	WINV	IDIR	SIRT	METRIC	HVINS	Q	USEL	FQ
	-0.	5.	-0.	-0.	600800	-0.	-0.	-0.	11.000	-0.
J2	NPROF	IPL0T	PRFVS	XSECV	XSECH	FN	ALLDC	.IBU	CHNIM	ITRACE
	15.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

 HEC2 RELEASE DATED NOV 76 UPDATED APR 1980
 ERROR CORR - 01.02.03.04
 MODIFICATION - 50.51.52.53.54

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

TEN YEAR FLOOD

SUMMARY PRINTOUT TABLE 119

SECTO	CWSCL	DIFKUS	EG	TOPUID	QLOB	QCH	OROB	PERENC	STENCL	STCHL	STCHR	STENC
1.000	11.90	4.93	11.91	342.74	279.46	102.71	38.83	0.	0.	600.00	615.00	0.
1.000	13.40	5.47	13.41	449.92	551.70	157.38	141.92	0.	0.	600.00	615.00	0.
1.000	14.12	5.12	14.13	478.68	706.05	184.63	220.32	0.	0.	600.00	615.00	0.
1.000	15.92	4.92	15.93	542.83	1177.52	261.30	508.18	0.	0.	600.00	615.00	0.
1.100	13.23	0.	13.25	292.38	47.45	189.98	183.57	0.	0.	415.00	427.00	0.
1.100	14.65	0.	14.68	372.41	194.02	268.23	478.74	0.	0.	415.00	427.00	0.
1.100	15.58	0.	15.61	408.60	140.34	304.07	666.59	0.	0.	415.00	427.00	0.
1.100	17.37	0.	17.40	496.31	272.45	394.13	1280.42	0.	0.	415.00	427.00	0.
1.200	13.43	0.	13.54	18.00	0.	421.00	0.	0.	0.	432.00	450.00	0.
1.200	15.20	0.	15.51	174.25	6.42	643.57	1.01	0.	0.	432.00	450.00	0.
1.200	15.96	0.	16.28	343.43	101.91	977.67	31.42	0.	0.	432.00	450.00	0.
1.200	17.67	0.	17.83	572.76	615.92	1003.43	327.65	0.	0.	432.00	450.00	0.
1.300	13.59	0.	13.70	18.00	0.	421.00	0.	0.	0.	432.00	450.00	0.
1.300	15.41	0.	15.69	237.21	18.44	828.79	3.77	0.	0.	432.00	450.00	0.
1.300	15.96	0.	16.28	344.19	102.74	976.46	31.80	0.	0.	432.00	450.00	0.
1.300	17.67	0.	17.83	571.06	616.44	1002.49	328.07	0.	0.	432.00	450.00	0.
1.400	13.76	0.	13.87	18.00	0.	421.00	0.	0.	0.	432.00	450.00	0.
1.400	15.65	0.	16.06	325.53	63.23	770.36	17.41	0.	0.	432.00	450.00	0.
1.400	15.99	0.	16.68	424.20	191.61	821.83	77.56	0.	0.	432.00	450.00	0.
1.400	17.59	0.	18.11	624.20	669.39	905.44	372.18	0.	0.	432.00	450.00	0.

TEN YEAR FLOOD

SUMMARY PRINTOUT TABLE 150

SECHO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRHS	EG	10K*5	VCH	AREA	*01K
1.000	-0.	0.	0.	4.70	421.00	11.90	7.98	11.91	7.86	1.27	865.59	150.16
1.000	-0.	0.	0.	4.70	851.00	13.40	9.27	13.41	8.16	1.52	1458.65	297.89
1.000	-0.	0.	0.	4.70	1111.00	14.12	9.68	14.13	8.06	1.61	1787.22	391.42
1.000	-0.	0.	0.	4.70	1947.00	15.92	10.49	15.93	7.98	1.05	2703.36	609.29
1.100	1500.00	0.	0.	4.00	421.00	13.23	8.61	13.26	10.08	1.98	600.49	132.60
1.100	1500.00	0.	0.	4.00	851.00	14.05	10.42	14.08	10.89	2.33	1143.92	287.88
1.100	1500.00	0.	0.	4.00	1111.00	15.58	11.14	15.61	10.95	2.45	1429.58	336.68
1.100	1500.00	0.	0.	4.00	1947.00	17.37	12.61	17.40	10.79	2.71	2231.60	592.79
1.200	100.00	0.	0.	4.70	421.00	13.43	7.32	13.54	36.77	2.70	156.18	69.43
1.200	100.00	0.	0.	4.70	851.00	15.20	8.84	15.31	88.28	4.08	218.11	98.57
1.200	100.00	0.	0.	4.70	1111.00	15.96	9.64	16.28	94.03	4.85	423.42	114.57
1.200	100.00	0.	0.	4.70	1947.00	17.67	11.86	17.83	61.63	4.31	1222.49	248.00
1.300	32.50	14.98	12.78	4.70	421.00	13.59	0.	13.70	35.01	2.65	159.06	71.15
1.300	32.50	14.91	12.78	4.70	851.00	15.41	0.	15.69	79.94	4.32	259.74	95.18
1.300	32.50	14.90	12.78	4.70	1111.00	15.96	0.	16.28	93.66	4.84	425.15	114.80
1.300	32.50	14.91	12.78	4.70	1947.00	17.67	0.	17.83	61.47	4.31	1224.12	248.00
1.400	50.00	0.	0.	4.70	421.00	13.76	7.32	13.87	33.18	2.59	162.29	73.09
1.400	50.00	0.	0.	4.70	851.00	15.85	8.84	16.06	60.50	3.86	383.49	109.41
1.400	50.00	0.	0.	4.70	1111.00	16.49	9.64	16.68	59.62	3.98	630.09	143.88
1.400	50.00	0.	0.	4.70	1947.00	17.99	11.87	18.11	46.29	3.80	1408.61	286.17

TEN YEAR FLOOD

SUMMARY PRINTOUT TABLE 150

SECD	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
1.000	421.00	11.90	0.	0.	4.90	342.74	-0.
1.000	851.00	13.49	1.50	0.	5.40	440.92	-0.
1.000	1111.00	14.12	.72	0.	5.12	478.68	-0.
1.000	1947.00	15.92	1.79	0.	4.92	542.83	-0.
1.100	421.00	13.23	0.	1.33	0.	292.38	1500.00
1.100	851.00	14.85	1.61	1.45	0.	372.41	1500.00
1.100	1111.00	15.58	.73	1.45	0.	498.60	1500.00
1.100	1947.00	17.37	1.79	1.46	0.	496.31	1500.00
1.200	421.00	13.43	0.	.19	0.	18.00	100.00
1.200	851.00	15.20	1.78	.36	0.	174.25	100.00
1.200	1111.00	15.96	.75	.38	0.	343.43	100.00
1.200	1947.00	17.67	1.72	.30	0.	570.76	100.00
1.300	421.00	13.59	0.	.16	0.	18.00	32.50
1.300	851.00	15.41	1.82	.21	0.	237.21	32.50
1.300	1111.00	15.56	.55	.00	0.	344.19	32.50
1.300	1947.00	17.67	1.71	.00	0.	571.06	32.50
1.400	421.00	13.76	0.	.18	0.	18.00	50.00
1.400	851.00	15.85	2.08	.44	0.	325.53	50.00
1.400	1111.00	16.44	.65	.54	0.	424.20	50.00
1.400	1947.00	17.99	1.80	.32	0.	604.20	50.00

THIS RUN EXECUTED 16 DEC 81 13:51:36

 HEC2 RELEASE DATED NOV 76 UPDATED APR 1980
 ERROR CORR - #102,03,04
 MODIFICATION - 50,51,52,53,54

T1 NORTH CAROLINA FLOOD INSURANCE STUDIES
 T2 ROCKY RUN GROUP 1
 T3 100 YEAR FLOOD

J1	ICHECK	IRG	INIV	IDIR	START	METRIC	HVINS	Q	WSEL	FO
-0.	4.	-0.	-0.	-0.	009890	-0.	-0.	-0.	9.000	-0.

J2	NPRCF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLOC	IBW	CHNIM	ITRACE
1.934	-0.	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

200-003	110-000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.

J5 LPRNT NUPSEC *****REQUESTED SECTION NUMBERS*****

200-003	421-000	851-000	1111-000	1947-000	1111-000	10400	-0.	-0.	-0.	-0.
-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.

J6 IHLEG ICOPY

100-001	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.

NC	GT	ET	X1	GR	GR	GR	GR	ET	X1	GR	GR	GR	GR	NC
200-003	500-000	100-001	100-001	200-003	200-003	200-003	200-003	200-003	100-001	200-003	200-003	200-003	200-003	200-003
19.000	421.000	851.000	630.000	18.400	19.100	9.700	19.400	615.000	427.000	415.000	22.200	410.000	950.000	14.000
-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
11.600	1947.000	1111.000	1111.000	11.600	9.900	6.500	18.900	115.000	1500.000	1800.000	12.600	415.000	650.000	1500.000
-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
5.000	421.000	851.000	630.000	18.400	19.100	9.700	19.400	615.000	427.000	415.000	22.200	410.000	950.000	14.000
-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
17.400	1947.000	1111.000	1111.000	17.400	9.200	6.500	20.600	165.000	1500.000	1800.000	15.400	427.000	850.000	1500.000
-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
215.000	421.000	851.000	630.000	215.000	9.200	6.500	7.400	515.000	250.000	23000	4.000	650.000	950.000	15.400
-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
600.000	421.000	851.000	630.000	600.000	9.200	6.500	7.400	515.000	427.000	427.000	15.400	850.000	950.000	15.400
-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
715.000	421.000	851.000	630.000	715.000	18.900	18.900	7.400	1015.000	850.000	850.000	15.400	850.000	950.000	15.400
-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.

O.K.

HEW

THIS RUN EXECUTED 16 DEC 81 13.51.36

 HEC2 RELEASE DATED NOV 76 UPDATED APR 1 1980
 ERROR CORR - 01.02.03.04
 MODIFICATION - 50.51.52.53.54

T1 NORTH CAROLINA FLOOD INSURANCE STUDIES
 T2 ROCKY MOUNT GROUP 1
 T3 FLOODWAY

J1	ICHECK	ING	NTNV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
		6.	0.	0.	0.	0.	0.	0.	15.120	0.
J2	PROF	IFLOT	PRFS	XSECV	YSECH	FN	ALLDC	IBN	CHNIM	ITRACE
	15.000	0.	-1.000	0.	0.	0.	-1.000	-6.000	0.	0.

INLEG = 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

100 YEAR FLOOD

SUMMARY PRINTOUT TABLE 119

SECTN	CYSEL	DIFKGS	EG	TOPWID	QLOB	GCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
1.000	14.12	5.12	14.13	472.68	776.05	184.63	220.32	0.	0.	600.00	619.00	0.
1.000	15.12	1.00	15.14	267.28	732.52	229.83	148.65	.28	157.92	600.00	619.00	660.36
1.100	15.58	0.	15.61	408.60	140.34	304.07	666.59	0.	0.	415.00	427.00	0.
1.100	16.59	.92	16.53	213.47	42.95	329.43	738.62	.21	408.06	415.00	427.00	621.94
1.200	15.96	0.	16.28	343.43	101.91	977.67	31.42	0.	0.	432.00	450.00	0.
1.200	16.85	.90	17.22	34.64	33.75	3077.25	0.	.26	415.36	432.00	450.00	450.00
1.300	15.96	0.	16.28	344.19	102.74	976.46	31.80	0.	0.	432.00	450.00	0.
1.300	16.85	.90	17.22	35.76	36.11	1074.89	0.	.26	414.24	432.00	450.00	450.00
1.400	16.49	0.	16.68	424.20	191.61	841.83	77.56	0.	0.	432.00	450.00	0.
1.400	17.43	.93	17.63	191.43	211.51	899.49	0.	.28	348.57	432.00	450.00	450.00

16 DEC 81 13:51:36

ROCKY RUN GROUT - 1
FLOODWAY DATA, 100 YEAR FLOOD
PROFILE NO. 2

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	DIFFERENCE	CUMULATIVE DISTANCE
1+400	52	1487	4.7	15.1	14.1	1.0	1400
1+100	213	1224	4.9	16.5	15.6	.9	2900
1+200	35	250	4.4	16.9	16.0	.9	3000
1+300	36	252	4.4	16.9	16.0	.9	3032
1+400	101	435	2.6	17.4	16.5	.9	3062