

RACCOON

CREEK

THIS RUN EXECUTED 12 MAR 82 14.25.24

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

T1 RACCOON CREEK
 T2 PERQUIMANS COUNTY, NORTH CAROLINA
 T3 50-YEAR FLOOD

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-0.	3.	-0.	-0.	-0.	-0.	-0.	-0.	.250	-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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 ERROR CORR - 01,02,03,04,05
 MODIFICATION - 50,51,52,53,54,55

T1 RACCOON CREEK
 T2 PERQUIMANS COUNTY, NORTH CAROLINA
 T3 100- YEAR FLOOD

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-0.	4.	-0.	-0.	-0.	-0.	-0.	-0.	.250	-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.

THIS RUN EXECUTED 12 MAR 82 14.25.24

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 ERROR CORR - 01,02,03,04,05
 MODIFICATION - 50,51,52,53,54,55

T1 RACCOON CREEK
 T2 PERQUIMANS COUNTY, NORTH CAROLINA
 T3 500-YEAR FLOOD

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-0.	5.	-0.	-0.	-0.	-0.	-0.	-0.	.250	-0.
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 12 MAR 82 14.25.24

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

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

10- YEAR FLOOD

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	GROB	PERENC	STENCL	STCHL	STCHR	STENCR
1.100	.25	0.	.26	347.41	0.	786.00	0.	0.	0.	320.00	967.44	0.
1.100	.25	0.	.27	347.41	0.	1535.00	0.	0.	0.	320.00	967.44	0.
1.100	.25	0.	.28	347.41	0.	1979.00	0.	0.	0.	320.00	967.44	0.
1.100	.25	0.	.34	347.41	0.	3379.00	0.	0.	0.	320.00	967.44	0.
1.200	.26	0.	.26	177.85	0.	786.00	0.	0.	0.	400.00	601.60	0.
1.200	.27	0.	.30	178.04	0.	1535.00	0.	0.	0.	400.00	601.60	0.
1.200	.29	0.	.33	178.14	0.	1979.00	0.	0.	0.	400.00	601.60	0.
1.200	.36	0.	.48	178.62	0.	3379.00	0.	0.	0.	400.00	601.60	0.
1.300	.26	0.	.26	177.84	0.	786.00	0.	0.	0.	400.00	601.60	0.
1.300	.27	0.	.30	177.98	0.	1535.00	0.	0.	0.	400.00	601.60	0.
1.300	.29	0.	.33	178.10	0.	1979.00	0.	0.	0.	400.00	601.60	0.
1.300	.37	0.	.49	178.70	0.	3379.00	0.	0.	0.	400.00	601.60	0.
1.400	.26	0.	.27	474.91	0.	786.00	0.	0.	0.	1590.00	2517.44	0.
1.400	.30	0.	.32	479.97	0.	1535.00	0.	0.	0.	1590.00	2517.44	0.
1.400	.34	0.	.36	486.28	0.	1979.00	0.	0.	0.	1590.00	2517.44	0.
1.400	.50	0.	.57	510.98	0.	3379.00	0.	0.	0.	1590.00	2517.44	0.
2.100	.98	0.	1.00	133.84	0.	708.00	0.	0.	0.	740.00	890.00	0.
2.100	2.18	0.	2.22	182.98	0.	1391.89	.11	0.	0.	740.00	890.00	0.
2.100	2.46	0.	2.91	490.80	4.70	1787.10	6.20	0.	0.	740.00	890.00	0.
2.100	4.49	0.	4.57	852.13	155.68	2815.56	112.75	0.	0.	740.00	890.00	0.
2.200	1.00	0.	1.02	134.12	0.	708.00	0.	0.	0.	1050.00	1200.00	0.
2.200	2.23	0.	2.27	149.95	0.	1392.00	0.	0.	0.	1050.00	1200.00	0.
2.200	2.91	0.	2.96	150.00	0.	1798.00	0.	0.	0.	1050.00	1200.00	0.
2.200	4.55	0.	4.65	150.00	0.	3084.00	0.	0.	0.	1050.00	1200.00	0.
2.300	1.00	0.	1.02	134.22	0.	708.00	0.	0.	0.	1050.00	1200.00	0.
2.300	2.23	0.	2.27	149.99	0.	1392.00	0.	0.	0.	1050.00	1200.00	0.
2.300	2.91	0.	2.97	150.00	0.	1798.00	0.	0.	0.	1050.00	1200.00	0.
2.300	4.55	0.	4.65	150.00	0.	3084.00	0.	0.	0.	1050.00	1200.00	0.

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	GROB	PERENC	STENCL	STCHL	STCHR	STENCR
2.400	1.01	0.	1.03	134.37	0.	708.00	0.	0.	0.	640.00	790.00	0.
2.400	2.25	0.	2.29	198.73	.00	1391.75	.24	0.	0.	640.00	790.00	0.
2.400	2.94	0.	2.99	441.63	3.80	1786.60	7.60	0.	0.	640.00	790.00	0.
2.400	4.61	0.	4.69	689.10	98.81	2855.09	130.10	0.	0.	640.00	790.00	0.

10- YEAR FLOOD

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
1.100	0.	0.	0.	-11.23	786.00	.25	-9.18	.26	.85	.57	1378.33	852.07
1.100	0.	0.	0.	-11.23	1535.00	.25	-8.23	.27	3.25	1.11	1378.33	852.07
1.100	0.	0.	0.	-11.23	1979.00	.25	-7.76	.28	5.39	1.44	1378.33	852.07
1.100	0.	0.	0.	-11.23	3379.00	.25	-6.53	.34	15.73	2.45	1378.33	852.07
1.200	100.00	0.	0.	-11.23	786.00	.26	-9.17	.26	.57	.66	1193.24	1041.77
1.200	100.00	0.	0.	-11.23	1535.00	.27	-8.23	.30	2.15	1.28	1197.50	1047.25
1.200	100.00	0.	0.	-11.23	1979.00	.29	-7.76	.33	3.55	1.65	1199.88	1050.31
1.200	100.00	0.	0.	-11.23	3379.00	.36	-6.52	.48	10.07	2.79	1211.15	1064.87
1.300	33.00	6.19	4.70	-11.23	786.00	.26	0.	.26	.57	.66	1192.87	1041.30
1.300	33.00	6.19	4.70	-11.23	1535.00	.27	0.	.30	2.16	1.28	1196.09	1045.45
1.300	33.00	6.19	4.70	-11.23	1979.00	.29	0.	.33	3.56	1.65	1199.00	1049.18
1.300	33.00	6.19	4.70	-11.23	3379.00	.37	0.	.49	10.02	2.79	1213.06	1067.33
1.400	50.00	0.	0.	-11.23	786.00	.26	-9.17	.27	.91	.51	1528.27	822.59
1.400	50.00	0.	0.	-11.23	1535.00	.30	-8.23	.32	3.41	.99	1544.53	831.35
1.400	50.00	0.	0.	-11.23	1979.00	.34	-7.76	.36	5.52	1.26	1565.01	842.47
1.400	50.00	0.	0.	-11.23	3379.00	.50	-6.52	.57	14.47	2.05	1647.76	888.31
2.100	4850.00	0.	0.	-8.56	708.00	.98	-5.35	1.00	2.09	1.05	676.34	489.72
2.100	4850.00	0.	0.	-8.56	1392.00	2.18	-4.26	2.22	4.42	1.64	850.82	661.95
2.100	4850.00	0.	0.	-8.56	1798.00	2.86	-3.75	2.91	5.00	1.88	1075.13	803.83
2.100	4850.00	0.	0.	-8.56	3084.00	4.49	-2.50	4.57	5.77	2.36	2264.93	1283.61
2.200	100.00	0.	0.	-8.56	708.00	1.00	-5.36	1.02	2.07	1.04	678.86	492.08
2.200	100.00	0.	0.	-8.56	1392.00	2.23	-4.26	2.27	4.32	1.63	853.73	669.34
2.200	100.00	0.	0.	-8.56	1798.00	2.91	-3.75	2.96	4.93	1.88	957.48	810.16
2.200	100.00	0.	0.	-8.56	3084.00	4.55	-2.50	4.65	6.78	2.56	1202.40	1184.24
2.300	26.00	6.06	5.99	-8.56	708.00	1.00	0.	1.02	2.06	1.04	679.76	492.93
2.300	26.00	6.06	5.99	-8.56	1392.00	2.23	0.	2.27	4.31	1.63	854.82	670.65
2.300	26.00	6.06	5.99	-8.56	1798.00	2.91	0.	2.97	4.93	1.88	957.41	810.06
2.300	26.00	6.06	5.99	-8.56	3084.00	4.55	0.	4.65	6.77	2.56	1203.13	1185.44
2.400	50.00	0.	0.	-8.56	708.00	1.01	-5.36	1.03	2.05	1.04	681.15	494.23
2.400	50.00	0.	0.	-8.56	1392.00	2.25	-4.26	2.29	4.25	1.62	864.17	674.98
2.400	50.00	0.	0.	-8.56	1798.00	2.94	-3.75	2.99	4.80	1.86	1084.13	820.48
2.400	50.00	0.	0.	-8.56	3084.00	4.61	-2.50	4.69	5.66	2.36	2092.55	1296.40

Surge Dominant

*CONSUMPTION *
Surge*

10- YEAR FLOOD

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
1.100	786.00	.25	0.	0.	0.	347.41	0.
1.100	1535.00	.25	0.	0.	0.	347.41	0.
1.100	1979.00	.25	0.	0.	9.	347.41	0.
1.100	3379.00	.25	0.	0.	0.	347.41	0.
1.200	786.00	.26	0.	.01	0.	177.85	100.00
1.200	1535.00	.27	.02	.02	0.	178.04	100.00
1.200	1979.00	.29	.01	.04	0.	178.14	100.00
1.200	3379.00	.36	.07	.11	0.	178.62	100.00
1.300	786.00	.26	0.	.00	0.	177.84	33.00
1.300	1535.00	.27	.02	.00	0.	177.98	33.00
1.300	1979.00	.29	.02	.00	0.	178.10	33.00
1.300	3379.00	.37	.08	.01	0.	178.70	33.00
1.400	786.00	.26	0.	.01	0.	474.91	50.00
1.400	1535.00	.30	.04	.03	0.	479.97	50.00
1.400	1979.00	.34	.03	.04	0.	486.28	50.00
1.400	3379.00	.50	.17	.13	0.	510.98	50.00
2.100	708.00	.98	0.	.72	0.	133.84	4850.00
2.100	1392.00	2.18	1.20	1.88	0.	182.98	4850.00
2.100	1798.00	2.86	.68	2.52	0.	490.80	4850.00
2.100	3084.00	4.49	1.63	3.99	0.	852.13	4850.00
2.200	708.00	1.00	0.	.02	0.	134.12	100.00
2.200	1392.00	2.23	1.22	.04	0.	149.95	100.00
2.200	1798.00	2.91	.68	.05	0.	150.00	100.00
2.200	3084.00	4.55	1.64	.05	0.	150.00	100.00
2.300	708.00	1.00	0.	.00	0.	134.22	26.00
2.300	1392.00	2.23	1.22	.00	0.	149.99	26.00
2.300	1798.00	2.91	.68	.00	0.	150.00	26.00
2.300	3084.00	4.55	1.64	.00	0.	150.00	26.00
2.400	708.00	1.01	0.	.01	0.	134.37	50.00
2.400	1392.00	2.25	1.24	.02	0.	198.73	50.00
2.400	1798.00	2.94	.69	.03	0.	441.63	50.00
2.400	3084.00	4.61	1.67	.06	0.	689.10	50.00

FLOODWAY DATA, 10- YEAR FLOOD
 PROFILE NO. 2

STATION	----- WIDTH	FLOODWAY SECTION AREA	----- MEAN VELOCITY	WATER SURFACE ELEVATION		
				WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
1.100	347.	1378.	1.1	.3	.3	0.
1.200	178.	1197.	1.3	.3	.3	0.
1.300	178.	1196.	1.3	.3	.3	0.
1.400	480.	1545.	1.0	.3	.3	0.
2.100	183.	851.	1.6	2.2	1.0	1.2
2.200	150.	854.	1.6	2.2	1.0	1.2
2.300	150.	855.	1.6	2.2	1.0	1.2
2.400	199.	864.	1.6	2.2	1.0	1.2

FLOODWAY DATA, 10- YEAR FLOOD
PROFILE NO. 3

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION		
				WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
1.100	347.	1378.	1.4	.3	.3	0.
1.200	178.	1200.	1.6	.3	.3	0.
1.300	178.	1199.	1.7	.3	.3	0.
1.400	486.	1565.	1.3	.4	.3	.1
2.100	491.	1075.	1.7	2.9	1.0	1.9
2.200	150.	957.	1.9	2.9	1.0	1.9
2.300	150.	957.	1.9	2.9	1.0	1.9
2.400	442.	1084.	1.7	2.9	1.0	1.9

FLOODWAY DATA, 10-YEAR FLOOD
 PROFILE NO. 4

STATION	FLOODWAY WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION		
				WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
1.100	347.	1378.	2.5	.3	.3	0.
1.200	179.	1211.	2.8	.4	.3	.1
1.300	179.	1213.	2.8	.4	.3	.1
1.400	511.	1648.	2.1	.5	.3	.2
2.100	852.	2265.	1.4	4.5	1.0	3.5
2.200	150.	1202.	2.6	4.5	1.0	3.5
2.300	150.	1203.	2.6	4.5	1.0	3.5
2.400	689.	2093.	1.5	4.6	1.0	3.6

THIS RUN EXECUTED 12 APR 83 14.56.07

gk

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

T1 RACCOON CREEK
 T2 PERQUIMANS COUNTY, NORTH CAROLINA
 T3 BASE FLOOD

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	-0.	4.	-0.	-0.	-0.	-0.	-0.	-0.	.250	-0.
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	1.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	200.000	110.000	-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.

NC	.200	.200	.060	.100	.300	-0.	-0.	-0.	-0.	-0.
QT	5.300	370.000	735.000	950.000	1605.000	950.000	-0.	-0.	-0.	-0.
ET	-0.	-0.	-0.	-0.	-0.	10.400	-0.	-0.	-0.	-0.
Y	1.100	16.000	320.000	967.440	-0.	-0.	-0.	-0.	-0.	-0.
GR	10.450	-0.	10.140	200.000	6.600	210.000	3.300	320.000	-1.130	400.000
GR	-1.030	406.160	-4.430	426.320	-10.930	446.380	-11.230	466.640	-11.230	486.800
GR	-9.430	506.960	-4.630	527.120	-2.930	547.280	-2.030	567.440	3.300	967.440
GR	6.600	1047.440	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
NC	-0.	-0.	.060	.300	.500	-0.	-0.	-0.	-0.	-0.
X1	1.200	19.000	400.000	601.600	100.000	100.000	100.000	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	6.000	6.000	-0.
GR	10.450	-0.	10.140	200.000	6.600	210.000	3.300	380.000	3.700	400.000
GR	-1.130	414.000	-1.030	420.160	-4.430	440.320	-10.930	460.480	-11.230	480.640
GR	-11.230	500.800	-9.430	520.960	-4.630	541.120	-2.930	561.280	-2.030	581.440
GR	3.100	601.600	6.200	801.600	6.190	1001.600	6.600	1181.600	-0.	-0.

THIS RUN EXECUTED 12 APR 83 14.56.07

 HEC2 RELEASE DATED NOV 75 UPDATED MARCH 1982
 ERROR CORR - 01,02,03,04,05
 MODIFICATION - 50,51,52,53,54,55

T1 RACCOON CREEK
 T2 PERQUIMANS COUNTY, NORTH CAROLINA
 T3 FLOODWAY

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-0.	6.	-0.	-0.	-0.	-0.	-0.	-0.	1.250	-0.
J2	NPROF	IPLDT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

IHLQ = 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

BASE FLOOD

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
1.100	.25	0.	.26	347.41	0.	950.00	0.	0.	0.	320.00	967.44	0.
1.100	1.25	1.00	1.25	445.78	0.	950.00	0.	0.	320.00	320.00	967.44	967.44
1.200	.26	0.	.27	177.88	0.	950.00	0.	0.	0.	400.00	601.60	0.
1.200	1.25	1.00	1.26	185.42	0.	950.00	0.	0.	400.00	400.00	601.60	601.60
1.300	.26	0.	.27	177.86	0.	950.00	0.	0.	0.	400.00	601.60	0.
1.300	1.26	1.00	1.27	185.45	0.	950.00	0.	0.	0.	400.00	601.60	0.
1.400	.26	0.	.27	180.04	0.	950.00	0.	0.	0.	1630.00	1840.00	0.
1.400	1.26	1.00	1.27	190.81	0.	950.00	0.	0.	1630.00	1630.00	1840.00	1840.00
2.100	1.25	0.	1.28	137.85	0.	950.00	0.	0.	0.	740.00	890.00	0.
2.100	1.95	.70	1.97	148.24	0.	950.00	0.	.00	740.00	740.00	890.00	890.00
2.200	1.28	0.	1.31	138.24	0.	950.00	0.	0.	0.	1050.00	1200.00	0.
2.200	1.98	.69	2.00	149.56	0.	950.00	0.	0.	1050.00	1050.00	1200.00	1200.00
2.300	1.28	0.	1.31	138.36	0.	950.00	0.	0.	0.	1050.00	1200.00	0.
2.300	2.23	1.00	2.30	150.00	0.	950.00	0.	0.	0.	1050.00	1200.00	0.
2.400	1.30	0.	1.33	138.59	0.	950.00	0.	0.	0.	640.00	790.00	0.
2.400	2.29	.99	2.31	150.00	0.	950.00	0.	.00	640.00	640.00	790.00	790.00

FLOODWAY DATA, BASE FLOOD
PROFILE NO. 2

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION		
				WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
1.100	446.	1775.	.5	1.3	.3	1.0
1.200	185.	1375.	.7	1.3	.3	1.0
1.300	185.	1375.	.7	1.3	.3	1.0
1.400	181.	1381.	.7	1.3	.3	1.0
2.100	148.	814.	1.2	2.0	1.3	.7
2.200	149.	817.	1.2	2.0	1.3	.7
2.300	150.	853.	1.1	2.3	1.3	1.0
2.400	150.	865.	1.1	2.3	1.3	1.0