

THIS RUN EXECUTED 6 APR 79 12:09

HFC2 RELEASE DATED NOV 78 (UPDATED) (105 77)
ERRR- CORR - 01.02
MODIFICATION - 50.51.52.53

MILL CREEK

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THIS RUN EXECUTED 27 AUG 82 13.52.41

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

T1 MILL 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	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	2.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 27 AUG 82 13.52.41

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

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

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-0.	4.	-0.	-0.	-0.	-0.	-0.	-0.	.250	-0.
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	3.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 27 AUG 82 13.52.42

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

T1 MILL CREEK
 T2 PERQUIMANS COUNTY, NORTH CAROLINA
 T3 505- YEAR FLOOD

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	R	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 27 AUG 82 13.52.42

 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	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
1.100	.25	0.	.26	234.79	0.	1073.00	0.	0.	0.	510.00	812.24	0.
1.100	.25	0.	.28	234.79	0.	2061.00	0.	0.	0.	510.00	812.24	0.
1.100	.25	0.	.30	234.79	0.	2640.00	0.	0.	0.	510.00	812.24	0.
1.100	.25	0.	.38	234.79	0.	4460.00	0.	0.	0.	510.00	812.24	0.
1.200	.25	0.	.27	124.80	0.	1073.00	0.	0.	0.	400.00	561.10	0.
1.200	.27	0.	.33	125.27	0.	2061.00	0.	0.	0.	400.00	561.10	0.
1.200	.27	0.	.38	125.48	0.	2640.00	0.	0.	0.	400.00	561.10	0.
1.200	.32	0.	.61	126.50	0.	4460.00	0.	0.	0.	400.00	561.10	0.
1.300	.26	0.	.27	124.75	0.	1073.00	0.	0.	0.	400.00	561.10	0.
1.300	.27	0.	.33	125.12	0.	2061.00	0.	0.	0.	400.00	561.10	0.
1.300	.28	0.	.39	125.46	0.	2640.00	0.	0.	0.	400.00	561.10	0.
1.300	.35	0.	.64	127.24	0.	4460.00	0.	0.	0.	400.00	561.10	0.
1.500	.28	0.	.29	272.92	0.	1073.00	0.	0.	0.	480.00	768.00	0.
1.500	.38	0.	.40	276.31	0.	2061.00	0.	0.	0.	480.00	768.00	0.
1.500	.46	0.	.50	279.08	0.	2640.00	0.	0.	0.	480.00	768.00	0.
1.500	.83	0.	.94	400.37	.50	4459.50	.00	0.	0.	480.00	768.00	0.
2.100	3.26	0.	3.43	655.34	5.95	847.18	142.87	0.	0.	115.00	161.50	0.
2.100	5.31	0.	5.38	749.86	40.85	997.75	882.40	0.	0.	115.00	161.50	0.
2.100	5.93	0.	6.01	774.89	60.82	1148.38	1254.80	0.	0.	115.00	161.50	0.
2.100	7.82	0.	7.89	934.04	142.35	1519.51	2502.13	0.	0.	115.00	161.50	0.
2.200	3.19	0.	3.63	36.60	0.	996.00	0.	0.	0.	400.00	436.60	0.
2.200	4.95	0.	5.86	36.60	0.	1921.00	0.	0.	0.	400.00	436.60	0.
2.200	5.38	0.	6.70	36.60	0.	2464.00	0.	0.	0.	400.00	436.60	0.
2.200	6.54	0.	9.35	36.60	0.	4164.00	0.	0.	0.	400.00	436.60	0.
2.300	3.22	0.	3.65	36.60	0.	996.00	0.	0.	0.	400.00	436.60	0.
2.300	5.04	0.	5.72	36.60	0.	1921.00	0.	0.	0.	400.00	436.60	0.
2.300	5.54	0.	6.81	36.60	0.	2464.00	0.	0.	0.	400.00	436.60	0.
2.300	7.11	0.	9.58	36.60	0.	4164.00	0.	0.	0.	400.00	436.60	0.

SECNO	CWSEL	DIFKWS	EG	TOPWID	GLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
2.400	3.45	0.	3.73	303.79	1.32	986.86	7.82	0.	0.	600.00	645.80	0.
2.400	5.75	0.	6.11	429.17	12.74	1716.13	192.13	0.	0.	600.00	645.80	0.
2.400	6.68	0.	7.09	481.31	22.14	2103.74	338.12	0.	0.	600.00	645.80	0.
2.400	9.82	0.	10.22	690.64	98.15	3076.96	988.89	0.	0.	600.00	645.80	0.

10- YEAR FLOOD

SJMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K+S	VCH	AREA	.01K
1.100	0.	0.	0.	-13.89	1073.00	.25	-10.65	.26	.67	.70	1526.36	1308.43
1.100	0.	0.	0.	-13.89	2061.00	.25	-9.44	.28	2.48	1.35	1526.36	1308.43
1.100	0.	0.	0.	-13.89	2640.00	.25	-8.87	.30	4.07	1.73	1526.36	1308.43
1.100	0.	0.	0.	-13.89	4460.00	.25	-7.43	.38	11.62	2.92	1526.36	1308.43
1.200	100.00	0.	0.	-13.89	1073.00	.25	-10.57	.27	1.15	1.05	1022.03	1002.55
1.200	100.00	0.	0.	-13.89	2061.00	.27	-9.22	.33	4.22	2.01	1024.29	1003.79
1.200	100.00	0.	0.	-13.89	2640.00	.27	-8.56	.38	6.91	2.57	1025.29	1004.35
1.200	100.00	0.	0.	-13.89	4460.00	.32	-6.87	.61	19.61	4.33	1030.20	1007.11
1.300	29.80	6.44	4.41	-13.89	1073.00	.26	0.	.27	1.15	1.05	1021.82	1002.43
1.300	29.80	6.44	4.41	-13.89	2061.00	.27	0.	.33	4.22	2.01	1023.58	1003.40
1.300	29.80	6.44	4.41	-13.89	2640.00	.28	0.	.39	6.91	2.58	1025.20	1004.30
1.300	29.80	6.44	4.41	-13.89	4460.00	.35	0.	.64	19.53	4.31	1033.80	1009.17
1.500	200.00	0.	0.	-9.00	1073.00	.28	-6.34	.29	.83	.71	1520.36	1179.65
1.500	200.00	0.	0.	-9.00	2061.00	.38	-5.56	.40	2.92	1.33	1547.61	1205.16
1.500	200.00	0.	0.	-9.00	2640.00	.46	-5.22	.50	4.63	1.68	1570.05	1226.28
1.500	200.00	0.	0.	-9.00	4460.00	.83	-4.30	.94	11.09	2.66	1686.09	1339.21
2.100	6500.00	0.	0.	-2.25	996.00	3.26	.50	3.43	27.57	3.53	699.96	189.71
2.100	6500.00	0.	0.	-2.25	1921.00	5.31	2.40	5.38	12.61	2.98	2146.28	541.03
2.100	6500.00	0.	0.	-2.25	2464.00	5.93	3.39	6.01	12.60	3.15	2630.82	694.22
2.100	6500.00	0.	0.	-2.25	4164.00	7.82	4.27	7.89	10.76	3.36	4212.21	1269.71
2.200	50.00	0.	0.	-2.25	996.00	3.19	.92	3.63	8.29	5.33	186.83	345.93
2.200	50.00	0.	0.	-2.25	1921.00	4.95	2.47	5.86	12.59	7.64	251.57	541.43
2.200	50.00	0.	0.	-2.25	2464.00	5.38	3.27	6.70	17.28	9.21	267.43	592.82
2.200	50.00	0.	0.	-2.25	4164.00	6.54	5.43	9.35	32.06	13.45	309.69	735.36
2.300	22.20	11.69	8.34	-2.25	996.00	3.22	0.	3.65	8.14	5.30	187.93	349.03
2.300	22.20	11.69	8.34	-2.25	1921.00	5.04	0.	5.92	12.15	7.55	254.58	551.08
2.300	22.20	11.69	8.34	-2.25	2464.00	5.54	0.	6.81	15.26	9.03	272.99	611.10
2.300	22.20	11.69	8.34	-2.25	4164.00	7.11	0.	9.58	25.58	12.61	330.31	807.61
2.400	50.00	0.	0.	-2.25	996.00	3.45	.79	3.73	4.19	4.28	314.33	486.71
2.400	50.00	0.	0.	-2.25	1921.00	5.75	2.20	6.11	3.62	5.11	1156.74	1010.22
2.400	50.00	0.	0.	-2.25	2464.00	6.68	2.88	7.09	3.64	5.55	1583.15	1291.71
2.400	50.00	0.	0.	-2.25	4164.00	9.82	5.08	10.22	2.66	5.89	3423.10	2551.66

10- YEAR FLOOD

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
1.100	1073.00	.25	0.	0.	0.	234.79	0.
1.100	2061.00	.25	0.	0.	0.	234.79	0.
1.100	2640.00	.25	0.	0.	0.	234.79	0.
1.100	4460.00	.25	0.	0.	0.	234.79	0.
1.200	1073.00	.25	0.	.00	0.	124.80	100.00
1.200	2061.00	.27	.01	.02	0.	125.27	100.00
1.200	2640.00	.27	.01	.02	0.	125.48	100.00
1.200	4460.00	.32	.05	.07	0.	126.50	100.00
1.300	1073.00	.26	0.	.00	0.	124.75	29.80
1.300	2061.00	.27	.01	.01	0.	125.12	29.80
1.300	2640.00	.28	.01	.01	0.	125.46	29.80
1.300	4460.00	.35	.07	.03	0.	127.24	29.80
1.500	1073.00	.28	0.	.03	0.	272.92	200.00
1.500	2061.00	.38	.09	.11	0.	276.31	200.00
1.500	2640.00	.46	.08	.18	0.	279.08	200.00
1.500	4460.00	.83	.37	.48	0.	400.37	200.00
2.100	996.00	3.26	0.	0.98	0.	655.34	6500.00
2.100	1921.00	5.31	2.05	4.93	0.	749.86	6500.00
2.100	2464.00	5.93	.62	5.47	0.	774.89	6500.00
2.100	4164.00	7.82	1.89	6.99	0.	934.04	6500.00
2.200	996.00	3.19	0.	-.07	0.	36.60	50.00
2.200	1921.00	4.95	1.77	-.35	0.	36.60	50.00
2.200	2464.00	5.38	.43	-.55	0.	36.60	50.00
2.200	4164.00	6.54	1.16	-1.28	0.	36.60	50.00
2.300	996.00	3.22	0.	.03	0.	36.60	22.20
2.300	1921.00	5.04	1.82	.08	0.	36.60	22.20
2.300	2464.00	5.54	.50	.16	0.	36.60	22.20
2.300	4164.00	7.11	1.57	.57	0.	36.60	22.20
2.400	996.00	3.45	0.	.23	0.	303.79	50.00
2.400	1921.00	5.75	2.31	.71	0.	429.17	50.00
2.400	2464.00	6.68	.94	1.14	0.	481.31	50.00
2.400	4164.00	9.82	3.14	2.71	0.	690.64	50.00

FLOODWAY DATA, 10- YEAR FLOOD
 PROFILE NO. 2

STATION	FLOODWAY WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION		
				WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
1.100	235.	1526.	1.4	.3	.3	0.
1.200	125.	1024.	2.0	.3	.3	0.
1.300	125.	1024.	2.0	.3	.3	0.
1.500	276.	1548.	1.3	.4	.3	.1
2.100	750.	2146.	.9	5.3	3.3	2.0
2.200	37.	252.	7.6	5.6	3.2	1.8
2.300	37.	255.	7.5	5.0	3.2	1.8
2.400	429.	1157.	1.7	5.7	3.4	2.3

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	235.	1526.	1.7	.3	.3	0.
1.200	125.	1025.	2.6	.3	.3	0.
1.300	125.	1025.	2.6	.3	.3	0.
1.500	279.	1570.	1.7	.5	.3	.2
2.100	775.	2631.	.9	6.0	3.3	2.7
2.200	37.	267.	9.2	5.4	3.2	2.2
2.300	37.	273.	9.0	5.5	3.2	2.3
2.400	481.	1583.	1.6	6.6	3.4	3.2

FLOODWAY DATA, 10-YEAR FLOOD
 PROFILE NO. 4

STATION	FLOODWAY			WATER SURFACE ELEVATION		
	WIDTH	SECTION AREA	MEAN VELOCITY	WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
1.100	235.	1526.	2.9	.3	.3	0.
1.200	127.	1030.	4.3	.4	.3	.1
1.300	127.	1034.	4.3	.4	.3	.1
1.500	400.	1686.	2.6	.8	.3	.5
2.100	934.	4212.	1.0	7.9	3.3	4.6
2.200	37.	310.	13.4	6.6	3.2	3.4
2.300	37.	330.	12.6	7.1	3.2	3.9
2.400	691.	3423.	1.2	9.8	3.4	6.4

THIS RUN EXECUTED 04 MAY 83 10.51.23

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

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

J1	ICHECK	INQ	VINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-0.	4.	-0.	-0.	-0.	-0.	-0.	-0.	.250	-0.
J2	NPROF	IPLDT	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	IHLER	ICOPY								
	1.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.

NC	.200	.200	.060	.100	.300	-0.	-0.	-0.	-0.	-0.
QT	5.000	620.000	1200.000	1540.000	2560.000	1540.000	-0.	-0.	-0.	-0.
ET	-0.	-0.	-0.	-0.	-0.	10.400	-0.	-0.	-0.	-0.
X1	1.100	22.000	510.000	812.240	-0.	-0.	-0.	-0.	-0.	-0.
GR	6.600	-0.	3.300	30.000	1.110	510.000	.460	530.140	-.190	550.280
GR	-2.640	560.420	-5.090	570.560	-8.740	590.700	-12.390	610.840	-13.890	630.980
GR	-12.990	651.120	-9.440	671.260	-5.890	691.400	-3.390	711.540	-.890	731.680
GR	-.540	741.820	-.190	751.960	.265	772.100	.720	792.240	2.620	812.240
GR	3.300	962.240	6.600	1012.240	-0.	-0.	-0.	-0.	-0.	-0.
NC	-0.	-0.	.060	.300	.500	-0.	-0.	-0.	-0.	-0.
X1	1.200	17.000	400.000	561.100	100.000	100.000	100.000	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	6.300	6.300	-0.
X4	2.000	-.190	413.500	5.930	562.200	-0.	-0.	-0.	-0.	-0.
GR	6.610	-0.	6.450	200.000	6.450	386.500	5.620	400.000	1.110	400.000
GR	-5.090	420.140	-12.390	440.280	-13.890	460.420	-12.990	480.560	-5.890	500.700
GR	-.890	520.840	-.190	526.600	.720	540.980	4.510	561.100	6.470	575.480
GR	6.590	761.100	7.290	961.100	-0.	-0.	-0.	-0.	-0.	-0.

THIS RUN EXECUTED 04 MAY 83 10.51.23

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

T1 MILL CREEK
 T2 PERQUIMANS COUNTY, NORTH CAROLINA
 T3 FLOODWAY

J1	ICHECK	IV3	VIVV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-0.	6.	-0.	-0.	-0.	-0.	-0.	-0.	1.250	-0.
J2	NPROF	IPL0T	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

IHL0Q = 1. THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH. SEE DOCUMENTATION FOR DETAILS.

THIS RUN EXECUTED 04 MAY 83 10.51.23

 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

BASE FLOOD

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKNS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
1.100	.25	0.	.27	234.79	0.	1540.00	0.	0.	0.	510.00	812.24	0.
1.100	1.25	1.00	1.26	287.82	0.	1540.00	0.	.00	510.00	510.00	812.24	812.24
1.200	.26	0.	.29	124.98	0.	1540.00	0.	0.	0.	400.00	561.10	0.
1.200	1.26	1.00	1.26	143.87	0.	1540.00	0.	0.	400.00	400.00	561.10	561.10
1.300	.26	0.	.30	124.80	0.	1540.00	0.	0.	0.	400.00	561.10	0.
1.300	1.26	1.00	1.29	143.85	0.	1540.00	0.	0.	0.	400.00	561.10	0.
1.500	.32	0.	.34	274.17	0.	1540.00	0.	0.	0.	480.00	768.00	0.
1.500	1.30	.98	1.32	286.00	0.	1540.00	0.	.00	480.00	480.00	768.00	768.00
2.100	3.79	0.	3.95	690.17	22.68	971.52	545.80	0.	0.	115.00	161.50	0.
2.100	3.81	.04	3.95	166.43	0.	1218.42	321.58	.31	115.00	115.00	161.50	281.44
2.200	3.61	0.	4.08	36.60	0.	1540.00	0.	0.	0.	400.00	436.60	0.
2.200	3.69	.08	4.16	36.60	0.	1540.00	0.	0.	400.00	400.00	436.60	436.60
2.300	3.64	0.	4.11	36.60	0.	1540.00	0.	0.	0.	400.00	436.60	0.
2.300	4.64	1.00	5.00	36.60	0.	1540.00	0.	0.	0.	400.00	436.60	0.
2.400	3.92	0.	4.19	335.90	7.44	1450.18	82.38	0.	0.	600.00	645.80	0.
2.400	4.80	.88	5.05	45.80	0.	1540.00	0.	.10	600.00	600.00	645.80	645.80

FLOODWAY DATA, BASE FLOOD
 PROFILE NO. 2

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION		
				WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
1.100	288.	1794.	.9	1.3	.3	1.0
1.200	144.	1159.	1.3	1.3	.3	1.0
1.300	144.	1159.	1.3	1.3	.3	1.0
1.500	288.	1810.	.9	1.3	.3	1.0
2.100	156.	819.	1.9	3.8	3.8	0.
2.200	37.	282.	5.5	3.7	3.6	.1
2.300	37.	317.	4.9	4.6	3.6	1.0
2.400	46.	379.	4.1	4.8	3.9	.9