
 HEC2 RELEASE DATED NOV 76 UPDATED FEB1978
 ERROR CORR - 01,02
 MODIFICATION - 50,51,52,53,54

T1 HENDERSON CO. N.C.
 T2 10 YEAR FLOOD
 T3 MILL POND CR

final 1-12-83

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	2.	0.	0.	0.00085	0.	0.0	0.	0.0	0

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRAC
	1.	0.	-1.	0.	0.	0.0	0.0	0.	0.	

J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	150.00	0.0	160.00	201.00	0.0	0.0	0.0	0.0	0.0	0

NC	0.100	0.070	0.050	0.1	0.5					
QT	4.	730.	1260.	1530.	2000.	0.	0.	0.	0.	

X1	0.20	24.	105.	152.	0.	0.	0.	0.0	-4.20	
X3	10.	0.0	0.0	0.	0.0	0.	0.0	2056.9	2058.6	
GR	2080.5	0.	2067.5	25.	2062.8	42.	2060.2	77.	2061.1	1
GR	2054.5	117.	2054.0	124.	2054.3	127.	2054.5	133.	2063.3	1
GR	2059.2	159.	2060.5	200.	2060.8	261.	2061.1	293.	2061.2	3
GR	2062.2	413.	2063.9	417.	2064.7	452.	2069.0	504.	2071.6	5
GR	2073.8	640.	2076.4	695.	2077.8	751.	2079.5	795.	0.0	

X1	0.47	0.	0.	0.	1425.	1425.	1425.	0.0	4.20	
X3	10.	0.0	0.0	0.	0.0	0.	0.0	2061.1	2062.8	
NC	0.070	0.070	0.055	0.0	0.0					
QT	4.	590.	1020.	1270.	1680.	0.	0.	0.	0.	

X1	0.71	33.	192.	251.	1000.	1000.	1000.	0.0	0.0	
X3	10.	0.0	0.0	0.	0.0	0.	0.0	2065.9	2070.7	
GR	2077.4	21.	2074.9	24.	2071.3	30.	2070.6	32.	2071.4	
GR	2071.8	58.	2070.7	66.	2068.0	74.	2066.1	150.	2065.8	1
GR	2060.2	200.	2058.0	207.	2057.2	209.	2056.8	215.	2056.4	2
GR	2056.5	225.	2056.9	226.	2057.6	227.	2070.7	251.	2063.4	2
GR	2063.6	350.	2064.4	400.	2064.6	550.	2066.2	560.	2064.3	5
GR	2066.3	567.	2068.0	580.	2070.1	587.	2070.8	611.	2074.7	6
GR	2076.9	655.	2077.0	626.	2077.4	658.	0.0	0.	0.0	

X1	0.71	0.	0.	0.	30.	30.	30.	0.0	1.50	
X3	10.	0.0	0.0	0.	0.0	0.	0.0	2065.9	2070.7	
SB	1.25	1.60	3.00	0.	21.00	0.10	198.00	0.0	2057.4	205
NC	0.120	0.070	0.065	0.0	0.0					

X1	0.71	24.	200.	244.	300.	300.	300.	0.0	0.0
X2	0.	0.0	1.	2060.9	2068.8	0.0	0.	0.0	0.0
X3	10.	0.0	0.0	0.	0.0	0.	0.0	2065.9	2070.7
BT	15.0	52.0	2077.9	0.0	57.0	2073.7	0.0	69.0	2069.9
BT	100.0	2070.7	0.0	112.0	2070.2	0.0	200.0	2068.9	0.0
BT	2071.5	0.0	227.0	2071.6	0.0	227.0	2068.8	0.0	300.0
BT	0.0	400.0	2069.9	0.0	500.0	2071.4	0.0	595.0	2073.7
T	700.0	2076.9	0.0	730.0	2077.9	0.0	0.0	0.0	0.0
GR	2078.2	47.	2073.2	76.	2071.0	94.	2069.4	100.	2068.2
GR	2068.8	112.	2069.9	117.	2069.8	139.	2065.7	180.	2062.6
GR	2058.3	207.	2058.0	214.	2057.5	219.	2058.0	223.	2072.8
GR	2064.8	258.	2065.5	307.	2066.1	400.	2068.2	500.	2072.7
GR	2073.7	615.	2077.0	603.	2077.1	674.	2077.9	678.	0.0
NC	0.130	0.150	0.065	0.0	0.0				

X1	0.71	0.	0.	0.	30.	30.	30.	0.0	0.0
X3	10.	0.0	0.0	0.	0.0	0.	0.0	2068.8	2072.8

X1	0.75	0.	0.	0.	150.	150.	150.	0.0	1.00
QT	4.	550.	950.	1190.	1520.	0.	0.	0.	0.

X1	0.85	16.	290.	317.	480.	480.	480.	0.0	-4.40
GR	2090.6	234.	2083.5	250.	2077.2	250.	2077.2	253.	2070.5
GR	2069.5	295.	2066.7	302.	2066.0	302.	2065.0	309.	2069.7
GR	2072.4	317.	2070.9	494.	2071.4	530.	2076.4	580.	2087.0
GR	2090.0	703.	0.0	0.	0.0	0.	0.0	0.	0.0

X1	0.99	0.	0.	0.	700.	700.	700.	0.0	4.40
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X1	0.99	0.	0.	0.	30.	30.	30.	0.0	0.0
SB	1.25	1.60	3.00	0.	4.70	0.01	28.30	0.0	2066.4

X1	0.99	22.	290.	310.	30.	30.	30.	0.0	0.0
X2	0.	0.0	1.	2072.4	2073.6	0.0	0.	0.0	0.0
BT	11.0	250.0	2077.8	0.0	261.0	2077.0	0.0	270.0	2076.5
BT	285.0	2075.6	0.0	290.0	2075.0	0.0	295.0	2076.2	0.0
BT	2076.2	0.0	315.0	2074.5	0.0	400.0	2073.6	0.0	500.0
BT	0.0	600.0	2079.2	0.0	0.0	0.0	0.0	0.0	0.0
GR	2087.8	255.	2082.9	205.	2077.9	282.	2074.0	288.	2073.6
GR	2067.7	298.	2066.7	304.	2067.7	307.	2072.6	310.	2073.0
GR	2074.3	474.	2074.3	408.	2075.5	511.	2075.6	520.	2078.1
GR	2083.4	590.	2083.5	606.	2083.6	610.	2083.6	625.	2083.4
GR	2084.3	629.	2087.9	692.	0.0	0.	0.0	0.	0.0

X1	0.99	0.	0.	0.	20.	20.	20.	0.0	0.0
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X1	1.10	21.	156.	182.	530.	530.	530.	0.0	-4.30
GR	2104.0	0.	2097.0	20.	2092.2	47.	2087.3	68.	2080.7
GR	2079.7	156.	2073.5	170.	2075.2	173.	2079.3	182.	2081.3
GR	2081.6	264.	2083.1	285.	2087.4	329.	2090.1	364.	2093.8
R	2091.8	415.	2093.9	425.	2093.9	444.	2093.1	450.	2102.2
GR	2106.1	509.	0.0	0.	0.0	0.	0.0	0.	0.0
NC	0.120	0.070	0.050	0.0	0.0				
QT	4.	520.	910.	1140.	1445.	0.	0.	0.	0.

X1	1.26	0.	0.	0.	800.	800.	800.	0.0	4.30
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MILL POND CR

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
0.200	730.	2058.3	0.0	0.0	0.0	104.73	0.0
0.200	1260.	2058.6	0.3	0.0	0.0	370.48	0.0
0.200	1530.	2059.0	0.4	0.0	0.0	374.33	0.0
0.200	2000.	2059.6	0.6	0.0	0.0	378.37	0.0
0.470	730.	2060.4	0.0	2.1	0.0	39.44	1425.00
0.470	1260.	2061.0	0.6	2.4	0.0	41.69	1425.00
0.470	1530.	2061.4	0.4	2.4	0.0	86.57	1425.00
0.470	2000.	2061.9	0.6	2.3	0.0	95.51	1425.00
0.710	590.	2063.2	0.0	2.8	0.0	41.41	1000.00
0.710	1020.	2065.1	2.0	4.2	0.0	47.86	1000.00
0.710	1270.	2065.9	0.8	4.5	0.0	66.82	1000.00
0.710	1680.	2067.0	1.0	5.0	0.0	128.65	1000.00
0.710	590.	2063.2	0.0	0.0	0.0	36.56	30.00
0.710	1020.	2065.1	2.0	0.0	0.0	43.00	30.00
0.710	1270.	2065.9	0.8	0.0	0.0	45.53	30.00
0.710	1680.	2066.9	1.0	-0.0	0.0	48.87	30.00
0.710	590.	2063.2	0.0	0.0	0.0	30.35	300.00
0.710	1020.	2065.1	2.0	0.0	0.0	33.14	300.00
0.710	1270.	2065.9	0.8	0.0	0.0	56.54	300.00
0.710	1680.	2068.4	2.5	1.4	0.0	88.07	300.00
0.710	590.	2063.4	0.0	0.3	0.0	30.72	30.00
0.710	1020.	2065.4	2.0	0.2	0.0	33.49	30.00
0.710	1270.	2066.1	0.7	0.2	0.0	34.51	30.00
0.710	1680.	2068.4	2.3	0.1	0.0	37.82	30.00
0.750	590.	2064.4	0.0	1.0	0.0	36.03	150.00
0.750	1020.	2066.3	1.9	0.9	0.0	89.00	150.00
0.750	1270.	2067.2	0.8	1.0	0.0	206.49	150.00
0.750	1680.	2069.3	2.1	0.8	0.0	333.72	150.00
0.850	550.	2068.0	0.0	3.5	0.0	255.44	480.00
0.850	950.	2069.1	1.1	2.8	0.0	277.51	480.00
0.850	1190.	2069.6	0.6	2.5	0.0	286.04	480.00
0.850	1520.	2070.5	0.9	1.2	0.0	299.35	480.00
0.990	550.	2072.6	0.0	4.6	0.0	263.28	700.00
0.990	950.	2073.1	0.5	4.0	0.0	271.12	700.00
0.990	1190.	2073.4	0.3	3.7	0.0	275.51	700.00
0.990	1520.	2073.7	0.3	3.2	0.0	280.27	700.00
0.990	550.	2072.8	0.0	0.2	0.0	266.10	30.00
0.990	950.	2073.3	0.6	0.3	0.0	275.12	30.00
0.990	1190.	2073.6	0.3	0.3	0.0	279.79	30.00
0.990	1520.	2074.0	0.3	0.3	0.0	285.10	30.00
0.990	550.	2074.6	0.0	1.8	0.0	206.43	30.00
0.990	950.	2075.0	0.4	1.6	0.0	214.46	30.00
0.990	1190.	2075.1	0.2	1.5	0.0	217.94	30.00
0.990	1520.	2075.3	0.2	1.3	0.0	221.37	30.00

MILL POND CR.

HENDERSON CO. N.C.

MILE	500 YEAR FLOOD		100 YEAR FLOOD		50 YEAR FLOOD		10 YEAR FLOOD	
	Q	ELEV	Q	ELEV	Q	ELEV	Q	ELEV
0		2070.2		2065.6		2064.0		2060.6
0.200	2000.	2059.6	1530.	2059.0	1260.	2058.6	730.	2058.3
0.470	2000.	2061.9	1530.	2061.4	1260.	2061.0	730.	2060.4
0.710	1680.	2067.0	1270.	2065.9	1020.	2065.1	590.	2063.2
0.710	1680.	2068.4	1270.	2066.1	1020.	2065.4	590.	2063.4
0.750	1680.	2069.3	1270.	2067.2	1020.	2066.3	590.	2064.4
0.850	1520.	2070.5	1190.	2069.6	950.	2069.1	550.	2068.0
0.990	1520.	2073.7	1190.	2073.4	950.	2073.1	550.	2072.6
0.990	1520.	2075.6	1190.	2075.3	950.	2075.1	550.	2074.7
1.100	1520.	2079.0	1190.	2078.3	950.	2077.8	550.	2076.6
1.260	1445.	2082.6	1140.	2082.1	910.	2081.7	520.	2080.6
1.350	1410.	2084.5	1110.	2084.0	880.	2083.4	510.	2082.1

FLOODWAY DATA, MILL POND CR
 PROFILE NO. 2

STATION	FLOODWAY			WATER SURFACE ELEVATION		
	WIDTH (FT)	SECTION AREA	MEAN VELOCITY	WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
0.200	145.	714.	2.1	2060.0	2059.0	1.0
0.470	145.	242.	6.3	2062.2	2061.4	0.8
0.710	65.	317.	4.0	2065.9	2065.9	0.0
0.710	65.	245.	5.2	2065.9	2065.9	0.0
0.710	65.	237.	5.4	2065.9	2065.9	0.0
0.710	65.	218.	5.8	2066.1	2066.1	0.0
0.750	65.	246.	5.2	2067.2	2067.2	0.0
0.850	140.	458.	2.6	2070.2	2069.6	0.6
0.990	140.	432.	2.8	2074.4	2073.4	1.0
0.990	140.	463.	2.6	2074.6	2073.6	1.0
0.990	140.	473.	2.5	2075.8	2075.1	0.7
0.990	140.	488.	2.4	2075.9	2075.3	0.6
1.100	60.	279.	4.3	2078.8	2078.3	0.5
1.260	60.	260.	4.4	2082.7	2082.1	0.6
1.350	40.	216.	5.1	2084.4	2084.0	0.4

THIS RUN EXECUTED 01/28/80 16:37:57

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1978
 ERRGR CURR - 31,02
 MODIFICATION - 50,51,52,53,54

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

LL POND CR

PRIMARY PRINTOUT TABLE 110

SECD	CWSEL	DIFRMS	EG	TUPLID	PERENC	STENCL	STENCH	STGHL	STCHR	QLOB	QCH	QROB
C.200	2059.00	0.0	2057.07	374.	0.	0.	0.	105.	152.	94.	797.	639.
0.230	2060.00	1.00	2060.09	145.	145.	105.	250.	105.	152.	0.	973.	557.
0.470	2061.37	0.0	2062.17	85.	0.	0.	0.	105.	152.	30.	1500.	0.
0.475	2062.17	0.80	2062.79	45.	145.	105.	250.	105.	152.	0.	1530.	0.
C.710	2065.92	0.0	2066.17	67.	0.	0.	0.	192.	251.	0.	1270.	0.
0.710	2065.92	0.00	2066.17	52.	65.	192.	255.	192.	251.	0.	1270.	0.
0.710	2065.92	0.0	2066.34	45.	0.	0.	0.	192.	251.	0.	1270.	0.
0.710	2065.93	0.00	2066.34	46.	65.	192.	255.	192.	251.	0.	1270.	0.
0.710	2065.93	0.0	2066.43	57.	0.	0.	0.	200.	244.	52.	1218.	0.
0.710	2065.93	0.00	2066.44	44.	65.	192.	255.	203.	244.	43.	1227.	0.
0.710	2066.12	0.0	2066.65	35.	0.	0.	0.	200.	244.	0.	1270.	0.
0.710	2066.12	0.01	2066.65	35.	65.	192.	255.	200.	244.	0.	1270.	0.
0.750	2067.16	0.0	2067.57	207.	0.	0.	0.	200.	244.	53.	1167.	49.
0.750	2067.15	0.02	2067.62	45.	55.	192.	255.	200.	244.	42.	1228.	0.
0.850	2069.85	0.0	2069.76	286.	0.	0.	0.	290.	317.	35.	535.	619.
0.850	2070.18	0.53	2070.43	142.	140.	280.	420.	290.	317.	51.	766.	373.
C.990	2073.37	0.0	2073.59	276.	0.	0.	0.	290.	317.	30.	628.	532.
C.990	2074.40	1.03	2074.68	143.	140.	280.	420.	290.	317.	50.	783.	357.
0.990	2073.64	0.0	2073.81	280.	0.	0.	0.	290.	317.	32.	585.	572.
0.990	2074.62	0.97	2074.86	143.	140.	280.	420.	290.	317.	51.	763.	376.
0.990	2075.13	0.0	2075.46	218.	0.	0.	0.	290.	310.	4.	709.	478.
C.990	2075.83	0.69	2076.30	135.	140.	280.	420.	290.	310.	7.	697.	486.
0.990	2075.33	0.0	2075.60	222.	0.	0.	0.	290.	310.	5.	678.	507.
0.990	2075.95	0.61	2076.18	135.	140.	280.	420.	290.	310.	8.	688.	495.
1.100	2078.35	0.0	2078.64	190.	0.	0.	0.	156.	182.	223.	812.	155.
1.100	2078.75	0.40	2079.23	60.	60.	140.	200.	156.	182.	91.	1006.	93.

SECNO	CASEL	DIFK4S	EG	TUPWID	PERENC	STENCL	STENCR	STICHL	STICHR	QLOB	QCH	QAOB
1.26C	2082.10	0.0	2082.48	183.	0.	0.	0.	156.	182.	144.	829.	167.
1.260	2082.74	0.64	2083.19	60.	60.	140.	200.	155.	182.	66.	942.	132.
1.350	2083.98	0.0	2084.46	65.	0.	0.	0.	392.	427.	3.	1107.	0.
1.350	2084.39	0.41	2084.81	40.	40.	393.	433.	392.	427.	1.	1108.	1.

UNMARY CF ERRORS