
 HEC2 RELEASE DATED NOV 76 UPDATED FFB1978
 ERROR CORR - 01.02
 MODIFICATION - 50,51,52,53,54

1 HENDERSONVILLE, N.C.
 2 100 YEAR FLOOD
 3 DEVILS FORK

Final apr 1-3-80

1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	4.	0.	0.	0.0	0.	0.0	0.	2086.80	0.0

2	NPROF	IPLUT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	0.	0.	-1.	0.	0.	0.0	0.0	0.	0.	0

3 VARIABLE CODES FOR SUMMARY PRINTOUT

	110.00	0.0	200.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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NC	0.080	0.050	0.035	0.1	0.5					
QT	6.	1588.	3276.	4364.	7752.	10130.	4364.	0.	0.	
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	1.00	300.00	0.0

X1	0.15	24.	37.	101.	0.	0.	0.	0.0	0.0	0
GR	2090.0	0.	2081.0	0.	2081.0	37.	2076.6	51.	2074.5	59
GR	2070.4	65.	2070.1	68.	2070.1	77.	2071.0	82.	2072.5	86
GR	2080.7	101.	2078.7	140.	2076.9	240.	2076.7	265.	2079.0	278
GR	2078.8	340.	2083.1	441.	2083.4	460.	2083.2	535.	2083.9	640
GR	2085.3	742.	2086.1	840.	2087.8	937.	2091.0	1037.	0.0	0
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	48.00	345.00	0.0

X1	0.15	26.	67.	103.	50.	50.	50.	0.0	0.0	0
X3	10.	0.0	0.0	0.	0.0	0.	0.0	2087.7	2087.7	
GR	2090.0	47.	2082.8	47.	2082.8	50.	2082.5	53.	2077.2	62
GR	2077.4	67.	2072.7	72.	2070.4	72.	2070.0	75.	2069.7	85
GR	2069.3	91.	2070.5	95.	2072.6	95.	2078.4	103.	2078.5	165
GR	2076.2	195.	2076.2	225.	2075.7	295.	2076.2	400.	2075.5	455
GR	2073.2	465.	2072.8	470.	2073.0	480.	2073.2	481.	2075.3	488
GR	2090.0	501.	0.0	0.	0.0	0.	0.0	0.	0.0	0
QT	6.	1586.	3272.	4359.	7745.	10120.	4359.	0.	0.	
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	48.00	345.00	0.0
SB	1.25	1.60	3.00	0.	22.00	2.00	416.00	0.92	2069.7	2069.

X1	0.17	0.	0.	0.	180.	180.	180.	0.0	0.0	0
X2	0.	0.0	1.	2082.7	2088.7	0.0	0.	0.0	0.0	0
X3	10.	0.0	0.0	0.	0.0	0.	0.0	2088.7	2088.7	
BT	3.0	47.0	2088.7	0.0	300.0	2088.9	0.0	500.0	2089.5	0.
QT	6.	1581.	3263.	4345.	7726.	10100.	4345.	0.	0.	
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	48.00	345.00	0.0

X1	0.22	0	0	0	160	00	160	0.0	0.0	0
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NC	0.070	0.070	0.340	0.0	0.0					
QT	6.	1573.	3247.	4320.	7694.	10070.	4320.	0.	0.	
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	100.00	420.00	0.0

X1	0.33	34.	112.	143.	500.	380.	500.	0.0	0.0	0
GR	2095.0	39.	2089.8	60.	2083.4	70.	2077.2	86.	2077.2	105
GR	078.2	112.	2072.8	116.	2071.3	119.	2071.5	125.	2071.4	128
GR	2071.6	138.	2072.9	140.	2077.8	143.	2081.3	155.	2081.8	160
GR	2081.9	172.	2084.8	183.	2085.0	200.	2085.2	285.	2081.0	296
GR	2079.8	317.	2073.6	332.	2073.2	338.	2073.5	340.	2075.9	346
GR	2075.3	365.	2079.7	370.	2079.7	395.	2082.2	412.	2082.6	420
GR	2081.5	455.	2081.6	505.	2081.7	539.	2095.0	590.	0.0	0
NC	0.090	0.070	0.040	0.0	0.0					
QT	6.	1569.	3239.	4308.	7678.	10060.	4308.	0.	0.	
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	165.00	475.00	0.0

X1	0.38	32.	228.	260.	280.	210.	250.	0.0	0.0	0
GR	2100.0	2.	2092.6	57.	2088.0	78.	2087.9	87.	2087.2	95
GR	2076.5	135.	2078.0	220.	2078.6	228.	2072.9	231.	2072.8	240
GR	2072.4	245.	2072.3	250.	2072.1	254.	2072.6	259.	2076.7	260
GR	2080.5	270.	2082.4	299.	2080.9	400.	2080.9	435.	2074.2	450
GR	2073.5	455.	2073.8	457.	2079.8	476.	2080.8	500.	2082.4	526
GR	2082.6	583.	2080.8	600.	2081.6	646.	2080.7	700.	2083.3	738
GR	2087.3	750.	2090.0	763.	0.0	0.	0.0	0.	0.0	0
QT	6.	1567.	3234.	4301.	7669.	10040.	4301.	0.	0.	
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	450.00	800.00	0.0

X1	0.41	39.	525.	565.	90.	90.	90.	0.0	0.0	0
GR	2090.4	0.	2087.0	100.	2084.9	200.	2085.6	300.	2085.4	343
GR	2084.3	400.	2083.1	458.	2081.5	520.	2079.3	525.	2073.1	540
GR	2071.3	552.	2070.9	557.	2073.1	563.	2075.5	565.	2081.4	570
GR	2081.1	600.	2081.2	700.	2081.3	754.	2077.1	758.	2074.2	761
GR	2074.1	765.	2074.2	767.	2074.4	770.	2074.5	772.	2076.0	774
GR	2077.2	777.	2081.0	783.	2084.8	790.	2085.4	800.	2085.4	818
GR	2085.3	859.	2085.0	900.	2084.9	904.	2083.2	908.	2085.7	915
GR	2085.9	919.	2087.1	955.	2088.0	1000.	2090.0	1029.	0.0	0
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	450.00	800.00	0.0

X1	0.41	0.	0.	0.	10.	10.	10.	0.0	0.0	0
BT	20.0	458.0	2083.1	0.0	520.0	2081.5	0.0	525.0	2081.3	0.
BT	525.0	2083.0	2079.3	565.0	2082.5	2078.9	565.0	2081.0	0.0	600.
BT	2080.6	0.0	700.0	2080.6	0.0	758.0	2081.0	0.0	758.0	2082.
BT	2077.5	761.0	2082.0	2078.6	765.0	2082.0	2079.3	767.0	2082.0	2079.
BT	770.0	2082.0	2079.4	772.0	2082.0	2079.2	774.0	2082.0	2078.5	777.
BT	2082.0	2077.2	777.0	2081.0	0.0	783.0	2081.0	0.0	790.0	2084.
BT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	450.00	800.00	0.0

X1	0.41	0.	0.	0.	30.	30.	30.	0.0	0.0	0
X2	0.	0.0	0.	0.0	0.0	0.0	1.	0.0	0.0	0
NC	0.080	0.080	0.045	0.0	0.0					
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	450.00	800.00	0.0

X1	0.42	0.	0.	0.	10.	10.	10.	0.0	0.0	0
NC	0.080	0.080	0.040	0.0	0.0					
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	95.00	400.00	0.0

X1	0.43	22.	180.	210.	30.	70.	50.	0.0	0.0	0
GR	2100.0	0.	2082.2	10.	2082.7	72.	2082.2	85.	2100.0	0.

GR	2073.1	186.	2070.9	190.	2070.1	193.	2070.4	198.	2070.4	203.
GR	2073.1	203.	2077.5	210.	2086.4	225.	2087.2	262.	2085.8	650.
GR	2086.0	700.	2100.0	700.	0.0	0.	0.0	0.	0.0	0.
NC	0.080	0.080	0.040	0.0	0.0					
QT	6.	1560.	3220.	4280.	7640.	10000.	4280.	0.	0.	
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	180.00	600.00	0.0

X1	0.50	21.	292.	320.	310.	340.	400.	0.0	0.0	0.
GR	2100.0	67.	2092.0	147.	2087.8	152.	2087.2	165.	2084.6	200.
GR	2084.0	215.	2081.4	233.	2080.0	238.	2078.9	292.	2073.6	299.
GR	2072.8	300.	2072.8	306.	2073.2	310.	2073.0	317.	2073.2	318.
GR	2078.7	320.	2087.4	337.	2088.2	349.	2086.3	783.	2089.2	800.
GR	2100.0	933.	0.0	0.	0.0	0.	0.0	0.	0.0	0.
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	200.00	620.00	0.0

X1	0.50	20.	320.	353.	30.	30.	30.	0.0	0.0	0.
X3	10.	0.0	0.0	0.	0.0	0.	0.0	2089.0	2085.8	
GR	2110.0	98.	2091.3	115.	2090.6	129.	2076.7	201.	2078.7	270.
GR	2075.3	300.	2075.1	315.	2076.0	320.	2073.1	321.	2072.4	328.
GR	2073.1	333.	2072.5	340.	2074.4	348.	2074.7	353.	2086.0	380.
GR	2086.0	610.	2090.5	738.	2090.6	762.	2092.1	765.	2110.0	966.
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	200.00	620.00	0.0
SB	1.25	1.60	3.00	0.	51.00	3.00	430.00	0.0	2073.8	2073.

X1	0.50	0.	0.	0.	30.	30.	30.	0.0	0.0	0.
X2	0.	0.0	1.	2082.8	2086.8	0.0	0.	0.0	0.0	0.
X3	10.	0.0	0.0	0.	0.0	0.	0.0	2090.0	2086.8	
ET	13.0	98.0	2110.0	0.0	115.0	2091.3	0.0	129.0	2090.6	0.
ET	200.0	2089.9	0.0	300.0	2090.8	0.0	352.0	2089.4	0.0	369.
ET	2089.1	0.0	410.0	2086.0	0.0	610.0	2086.0	0.0	738.0	2090.
ET	0.0	762.0	2090.6	0.0	765.0	2092.1	0.0	966.0	2110.0	0.
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	200.00	620.00	0.0

X1	0.50	0.	0.	0.	10.	10.	10.	0.0	0.0	0.
NC	0.070	0.070	0.040	0.0	0.0					
QT	6.	1540.	3180.	4220.	7560.	9900.	4220.	0.	0.	
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	233.00	700.00	0.0

X1	0.75	25.	601.	632.	1200.	1100.	1130.	0.0	0.0	0.
GR	2096.8	100.	2081.8	220.	2082.0	233.	2077.7	250.	2074.5	252.
GR	2073.7	259.	2074.3	263.	2078.4	269.	2077.8	300.	2079.0	400.
GR	2079.5	500.	2073.1	557.	2078.0	601.	2075.2	610.	2074.7	617.
GR	2073.5	620.	2074.0	627.	2076.5	632.	2078.8	700.	2079.7	800.
GR	2083.2	900.	2089.4	1181.	2088.7	1184.	2090.1	1190.	2090.5	1200.
NC	0.150	0.100	0.040	0.0	0.0					
QT	6.	1514.	3128.	4143.	7458.	9790.	4143.	0.	0.	
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	200.00	950.00	0.0

X1	1.07	39.	560.	614.	1700.	1700.	1700.	0.0	0.0	0.
X3	10.	0.0	0.0	0.	0.0	0.	0.0	2086.8	2080.0	
GR	2095.0	20.	2090.5	28.	2084.5	43.	2082.7	50.	2080.5	100.
GR	2079.2	140.	2074.9	156.	2079.2	166.	2080.9	200.	2080.7	300.
GR	2080.7	400.	2080.9	500.	2086.8	540.	2086.9	544.	2085.7	556.
GR	2085.4	560.	2082.8	566.	2075.0	573.	2072.5	580.	2071.3	590.
GR	2071.9	593.	2073.7	600.	2082.5	604.	2083.2	614.	2081.5	700.
GR	2080.9	800.	2080.4	900.	2080.5	911.	2079.3	917.	2081.4	922.
GR	2081.1	1000.	2082.8	1100.	2086.2	1200.	2088.1	1300.	2088.5	1400.
GR	2089.4	1463.	2090.0	1500.	2090.5	1536.	2095.0	1650.	0.0	0.
NC	0.150	0.100	0.040	0.0	0.0					

ET	0.	0.0	0.0	0.0	0.0	0.0	0.0	8.11	65.00	350.00	0.0
X1	1.49	22.	151.	190.	2300.	2100.	2200.		0.0	0.0	0
X3	10.	0.0	0.0	0.	0.0	0.	0.0		2089.0	2085.0	
GR	2100.0	17.	2091.0	45.	2085.9	65.	2083.9		134.	2088.9	146
GR	2088.4	151.	2078.1	159.	2077.7	165.	2077.9		175.	2077.9	180
GR	2078.5	183.	2084.9	190.	2086.0	200.	2085.3		215.	2085.4	300
GR	2087.7	400.	2091.0	440.	2092.4	454.	2092.2		461.	2093.5	466
GR	2096.8	500.	2100.0	553.	0.0	0.	0.0		0.	0.0	0
QT	5.	1400.	2870.	3810.	6900.	0.	3810.		0.	0.	
NC	0.150	0.130	0.045	0.0	0.0						
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	615.00	900.00	0.0	0.0

X1	1.67	20.	701.	740.	950.	950.	950.		0.0	0.0	0
X3	10.	0.0	0.0	0.	0.0	0.	0.0		2089.0	2085.0	
GR	2100.0	567.	2091.0	585.	2085.9	615.	2083.9		684.	2088.9	696
GR	2084.0	701.	2079.0	709.	2079.0	734.	2083.0		740.	2085.0	743
GR	2086.0	750.	2085.3	765.	2085.4	850.	2087.7		950.	2091.0	990
GR	2092.4	1004.	2092.2	1011.	2093.5	1016.	2096.8		1050.	2100.0	1103
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	615.00	900.00	0.0	0.0

X1	1.67	20.	701.	740.	30.	30.	30.		0.0	0.0	0
X3	10.	0.0	0.0	0.	0.0	0.	0.0		2094.0	2094.0	
GR	2100.0	567.	2091.0	595.	2085.9	615.	2083.9		684.	2088.9	696
GR	2084.0	701.	2080.2	707.	2080.2	736.	2083.0		740.	2085.0	743
GR	2086.0	750.	2085.3	765.	2085.4	850.	2087.7		950.	2091.0	990
GR	2092.4	1004.	2092.2	1011.	2093.5	1016.	2096.8		1050.	2100.0	1103
SB	1.50	2.00	3.00	3.	46.30	2.00	430.00		0.0	2080.2	2080.
NC	0.130	0.130	0.070	0.0	0.0						
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	730.00	900.00	0.0	0.0

X1	1.67	21.	758.	810.	30.	30.	30.		0.0	0.0	0
X2	0.	0.0	1.	2089.0	2094.6	0.0	0.		0.0	0.0	0
X3	10.	0.0	0.0	0.	0.0	0.	0.0		2096.0	2096.0	
X5	2.	2090.20	2091.60	0.0	0.0	0.0	0.0		0.0	0.0	0.0
BT	16.0	0.0	2094.6	0.0	100.0	2094.3	0.0		200.0	2095.0	0.
BT	300.0	2095.0	0.0	400.0	2095.2	0.0	700.0		2095.5	0.0	700.
BT	2096.8	0.0	744.0	2097.1	0.0	744.0	2095.6		0.0	800.0	2095.
BT	0.0	900.0	2095.9	0.0	1100.0	2096.0	0.0		1200.0	2096.2	0.
BT	1300.0	2096.3	0.0	1400.0	2096.6	0.0	1700.0		2099.2	0.0	0.
GR	2095.4	700.	2094.7	716.	2087.4	745.	2086.9		768.	2080.1	768
GR	2080.1	810.	2087.5	810.	2087.9	840.	2088.4		850.	2089.5	900
GR	2087.4	940.	2091.9	951.	2090.7	984.	2091.7		1000.	2093.2	1073
GR	2093.9	1094.	2094.3	1100.	2095.0	1155.	2095.1		1181.	2096.5	1222
GR	2103.0	1315.	0.0	0.	0.0	0.	0.0		0.	0.0	0
NH	4.	0.040	700.	0.130	768.	0.070	800.		0.130	1315.	0.0
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	730.00	900.00	0.0	0.0

X1	1.67	23.	758.	800.	20.	20.	20.		0.0	0.0	0
GR	2095.4	550.	2095.4	700.	2087.4	745.	2086.9		768.	2081.1	771
GR	2080.9	781.	2080.7	791.	2081.1	793.	2087.5		800.	2086.5	810
GR	2088.4	850.	2089.5	900.	2087.4	940.	2091.9		951.	2090.7	984
GR	2091.7	1000.	2093.2	1073.	2093.9	1094.	2094.3		1100.	2095.0	1155
GR	2095.1	1181.	2096.5	1222.	2103.0	1315.	0.0		0.	0.0	0
QT	5.	1400.	2840.	3760.	6810.	0.	3760.		0.	0.	
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	730.00	900.00	0.0	0.0

X1	1.90	0.	0.	0.	1200.	1200.	1200.		0.0	2.00	0
NC	0.050	0.050	0.070	0.0	0.0						

ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	250.00	700.00	0.0
X1	2.18	29.	558.	600.	1450.	1450.	1450.	0.0	0.0	0.
GR	2106.4	0.	2105.3	10.	2100.9	30.	2091.8	100.	2092.1	145.
GR	2092.3	151.	2091.7	165.	2091.9	200.	2091.2	224.	2090.9	239.
GR	2091.5	300.	2092.0	400.	2090.6	500.	2090.2	549.	2093.3	558.
GR	2086.1	566.	2085.6	572.	2084.5	580.	2084.7	587.	2085.6	587.
GR	2094.9	600.	2094.9	604.	2094.6	614.	2092.5	620.	2093.5	700.
GR	2096.5	800.	2099.0	900.	2101.0	980.	2106.4	1100.	0.0	0.
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	250.00	700.00	0.0

X1	2.18	0.	0.	0.	30.	30.	30.	0.0	0.0	0.
SB	1.25	1.60	3.00	0.	20.00	0.01	225.00	0.91	2085.3	2085.3
NC	0.130	0.070	0.070	0.0	0.0					
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	250.00	700.00	0.0

X1	2.18	0.	0.	0.	30.	30.	30.	0.0	0.0	0.
X2	0.	0.0	1.	2093.5	2093.8	0.0	0.	0.0	0.0	0.
BT	19.0	0.0	2106.4	0.0	10.0	2105.3	0.0	30.0	2100.9	0.0
BT	40.0	2099.5	0.0	100.0	2096.8	0.0	200.0	2094.3	0.0	300.0
BT	2093.8	0.0	400.0	2093.8	0.0	560.0	2095.7	0.0	560.0	2098.0
BT	0.0	600.0	2099.1	0.0	600.0	2096.2	0.0	700.0	2096.4	0.0
BT	807.0	2097.2	0.0	905.0	2098.4	0.0	1013.0	2100.5	0.0	1103.0
BT	2102.4	0.0	1200.0	2105.2	0.0	1229.0	2106.4	0.0	0.0	0.0
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	250.00	700.00	0.0

X1	2.18	0.	0.	0.	20.	20.	20.	0.0	0.0	0.
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	150.00	650.00	0.0

X1	2.25	12.	511.	554.	350.	350.	350.	0.0	-0.60	0.
GR	2103.5	0.	2095.0	180.	2096.0	499.	2096.1	511.	2087.8	519.
GR	2087.6	523.	2086.4	533.	2086.6	538.	2096.7	554.	2096.0	562.
GR	2096.0	670.	2103.0	900.	0.0	0.	0.0	0.	0.0	0.
NC	0.130	0.060	0.070	0.0	0.0					
QT	5.	1190.	2500.	3200.	6100.	0.	3280.	0.	0.	0.
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	150.00	650.00	0.0

X1	2.30	0.	0.	0.	250.	250.	250.	0.0	0.60	0.
QT	5.	1070.	2250.	2950.	5500.	0.	2950.	0.	0.	0.
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	110.00	400.00	0.0

X1	2.40	25.	152.	209.	500.	500.	500.	0.0	-4.00	0.
GR	2130.1	0.	2124.7	22.	2115.7	50.	2103.2	79.	2100.0	93.
GR	2099.0	112.	2100.5	135.	2100.5	162.	2095.2	170.	2094.0	180.
GR	2094.9	183.	2095.2	185.	2100.6	200.	2100.0	233.	2100.0	367.
GR	2100.0	378.	2100.0	380.	2100.0	384.	2100.0	412.	2100.8	450.
GR	2102.5	522.	2103.5	589.	2105.7	653.	2109.4	714.	2112.8	767.
GR	2118.5	810.	0.0	0.	0.0	0.	0.0	0.	0.0	0.
QT	5.	1070.	2250.	2950.	5500.	0.	2950.	0.	0.	0.
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	110.00	400.00	0.0

X1	2.62	0.	0.	0.	1250.	1250.	1250.	0.0	4.00	0.
NC	0.100	0.060	0.070	0.0	0.0					
QT	5.	950.	2000.	2680.	5000.	0.	2680.	0.	0.	0.
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	450.00	750.00	0.0

GR	2135.8	0.	2133.1	52.	2129.7	88.	2124.4	145.	2121.1	188.
GR	2117.6	219.	2112.6	253.	2109.0	292.	2104.7	317.	2103.4	339.
GR	2103.4	344.	2103.4	350.	2103.3	358.	2103.3	403.	2103.3	469.
GR	2103.3	546.	2105.4	560.	2100.2	577.	2098.6	583.	2097.6	589.
GR	2098.0	595.	2098.6	599.	2105.6	602.	2105.6	610.	2103.3	620.
GR	2103.3	627.	2103.3	639.	2103.3	645.	2103.3	654.	2103.7	738.
GR	103.7	795.	2102.7	801.	2105.1	811.	2105.8	862.	2106.7	962.
GR	2109.5	1082.	2109.5	1136.	2109.5	1156.	2107.8	1164.	2107.8	1172.
GR	2109.1	1189.	2111.1	1217.	2137.0	1400.	0.0	0.	0.0	0.
NC	0.070	0.090	0.070	0.0	0.0					
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	420.00	620.00	0.0

X1	3.06	30.	446.	501.	570.	570.	570.	0.0	0.0	0.
GR	2126.5	0.	2124.1	22.	2122.1	51.	2122.1	98.	2116.7	128.
GR	2112.9	166.	2115.0	178.	2114.5	191.	2108.1	219.	2107.6	267.
GR	2106.4	349.	2105.4	410.	2105.2	446.	2099.1	463.	2098.5	469.
GR	2097.7	476.	2099.1	485.	2105.6	501.	2105.2	527.	2105.6	556.
GR	2105.2	586.	2105.4	643.	2105.8	712.	2106.4	765.	2107.2	788.
GR	2111.5	830.	2119.3	877.	2122.7	914.	2125.9	969.	2128.6	1022.
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	100.00	300.00	0.0

X1	3.06	23.	132.	230.	30.	30.	30.	0.0	0.0	0.
X3	10.	0.0	0.0	0.	0.0	0.	0.0	2109.6	2109.0	
GR	2120.0	7.	2118.0	13.	2111.3	23.	2112.5	25.	2112.5	46.
GR	2112.2	78.	2110.4	85.	2108.8	100.	2107.7	102.	2107.7	115.
GR	2109.6	132.	2100.0	148.	2099.2	157.	2098.2	169.	2098.4	175.
GR	2099.2	176.	2105.8	184.	2105.4	230.	2105.0	300.	2110.3	400.
GR	2114.0	500.	2118.0	555.	2120.0	591.	0.0	0.	0.0	0.
SB	1.50	1.50	3.00	0.	62.40	4.00	590.00	0.0	2098.4	2098.4
NC	0.120	0.090	0.070	0.3	0.8					
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	100.00	300.00	0.0

X1	3.06	0.	0.	0.	80.	80.	80.	0.0	0.0	0.
X2	0.	0.0	1.	2108.5	2110.7	0.0	0.	0.0	0.0	0.
X3	10.	0.0	0.0	0.	0.0	0.	0.0	2109.6	2111.0	
BT	13.0	7.0	2120.0	0.0	13.0	2118.0	0.0	20.0	2112.6	0.0
BT	94.0	2111.3	0.0	94.0	2114.0	0.0	200.0	2114.0	0.0	200.0
BT	2111.2	0.0	300.0	2110.8	0.0	400.0	2110.7	0.0	420.0	2111.0
BT	0.0	500.0	2114.0	0.0	555.0	2118.0	0.0	591.0	2120.0	0.0
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	100.00	300.00	0.0

X1	3.06	23.	132.	184.	20.	20.	20.	0.0	0.0	0.
GR	2120.0	7.	2118.0	13.	2111.3	23.	2112.5	25.	2112.5	46.
GR	2112.2	78.	2110.4	85.	2108.8	100.	2107.7	102.	2107.7	115.
GR	2109.6	132.	2100.0	148.	2099.2	157.	2098.2	169.	2098.4	175.
GR	2099.2	176.	2105.8	184.	2105.4	200.	2105.0	300.	2110.3	400.
GR	2114.0	500.	2118.0	555.	2120.0	591.	0.0	0.	0.0	0.
QT	5.	910.	1950.	2540.	4800.	0.	2540.	0.	0.	0.
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	100.00	300.00	0.0

X1	3.20	0.	0.	0.	750.	750.	750.	0.0	4.20	0.
NC	0.130	0.060	0.070	0.1	0.5					
QT	5.	910.	1950.	2540.	4800.	0.	2540.	0.	0.	0.
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	140.00	340.00	0.0

X1	3.35	28.	150.	189.	800.	800.	800.	0.0	0.0	0.
GR	2144.2	0.	2139.8	28.	2131.1	58.	2120.3	92.	2117.9	118.
GR	2111.7	141.	2110.4	150.	2104.9	154.	2104.2	159.	2104.8	168.
GR	2104.0	171.	2100.7	170.	2111.0	182.	2112.5	188.	2112.5	188.

GR 2111.9	202.	2110.5	217.	2110.5	284.	2110.5	353.	2111.4	411.
GR 2112.2	465.	2113.1	517.	2114.2	554.	2117.5	603.	2121.7	643.
GR 2127.8	693.	2137.7	743.	2137.1	786.	0.0	0.	0.0	0.
QT 5.	910.	1950.	2540.	4800.	0.	2540.	0.	0.	0
ET 0.	0.0	0.0	0.0	0.0	0.0	8.11	220.00	520.00	0.0

XI 3.60	30.	446.	485.	1300.	1300.	1300.	0.0	-4.40	0.
GR 2135.3	0.	2130.6	26.	2125.5	52.	2121.1	74.	2119.7	79.
GR 2119.5	98.	2119.3	109.	2118.8	184.	2119.2	246.	2120.1	315.
GR 2120.4	400.	2120.4	440.	2121.1	446.	2117.4	462.	2112.9	467.
GR 2112.2	472.	2112.5	474.	2112.9	479.	2119.2	485.	2119.7	501.
GR 2121.4	550.	2127.8	622.	2124.4	695.	2126.2	790.	2127.3	867.
GR 2127.9	923.	2130.2	990.	2132.0	1062.	2135.0	1123.	2137.8	1189.
NC 0.090	0.050	0.070	0.0	0.0					
QT 5.	650.	1400.	1800.	3500.	0.	1800.	0.	0.	0
ET 0.	0.0	0.0	0.0	0.0	0.0	8.11	220.00	520.00	0.0

XI 3.80	0.	0.	0.	1100.	1100.	1100.	0.0	4.40	0.
NC 0.070	0.120	0.070	0.0	0.0					
QT 5.	540.	1130.	1500.	2950.	0.	1500.	0.	0.	0
ET 0.	0.0	0.0	0.0	0.0	0.0	8.11	300.00	440.00	0.0

XI 4.12	13.	302.	340.	1640.	1640.	1640.	0.0	-1.50	0.
GR 2142.0	127.	2129.0	220.	2128.0	297.	2128.3	302.	2122.5	315.
GR 2121.6	325.	2122.3	333.	2128.6	340.	2127.3	420.	2128.2	520.
GR 2131.4	620.	2134.6	680.	2142.5	840.	0.0	0.	0.0	0.
ET 0.	0.0	0.0	0.0	0.0	0.0	8.11	300.00	440.00	0.0

XI 4.12	0.	0.	0.	30.	30.	30.	0.0	0.0	0.
X3 10.	0.0	0.0	0.	0.0	0.	0.0	2129.0	2129.0	
SB 1.25	1.50	3.00	0.	30.00	0.01	245.00	0.0	2120.0	2120.0
NC 0.150	0.150	0.060	0.0	0.0					
ET 0.	0.0	0.0	0.0	0.0	0.0	8.11	300.00	440.00	0.0

X1 4.12	0.	0.	0.	30.	30.	30.	0.0	0.0	0
X2 0.	0.0	1.	2128.2	2129.5	0.0	0.	0.0	0.0	0
X3 10.	0.0	0.0	0.	0.0	0.	0.0	2130.0	2130.0	
BT 13.0	127.0	2142.0	0.0	183.0	2133.5	0.0	206.0	2130.7	0.
BT 300.0	2129.9	0.0	300.0	2132.2	0.0	349.0	2132.3	0.0	349.0
BT 2130.0	0.0	400.0	2129.6	0.0	500.0	2129.8	0.0	590.0	2130.
BT 0.0	620.0	2131.4	0.0	680.0	2134.6	0.0	840.0	2142.5	0.
ET 0.	0.0	0.0	0.0	0.0	0.0	8.11	300.00	440.00	0.0

X1 4.12	0.	0.	0.	20.	20.	20.	0.0	0.0	0
NC 0.070	0.120	0.070	0.0	0.0					
ET 0.	0.0	0.0	0.0	0.0	0.0	8.11	300.00	440.00	0.0

X1 4.15	13.	302.	340.	150.	150.	150.	0.0	0.0	0
GR 2142.0	127.	2129.0	220.	2128.0	297.	2128.3	302.	2122.5	315
GR 2121.6	325.	2122.3	333.	2128.6	340.	2127.3	420.	2128.2	520
GR 2131.4	620.	2134.6	680.	2142.5	840.	0.0	0.	0.0	0
NC 0.100	0.130	0.070	0.0	0.0					
ET 0.	0.0	0.0	0.0	0.0	0.0	8.11	180.00	350.00	0.0

X1 4.20	22.	234.	259.	250.	250.	250.	0.0	-4.60	0
GR 2152.8	47.	2147.4	56.	2146.6	69.	2138.5	85.	2134.8	200
GR 2136.3	234.	2127.9	244.	2127.5	249.	2127.9	255.	2132.4	259

THIS RUN EXECUTED 31/02/80 16:39:43

 HEC/ RELEASE DATED NOV 76 UPDATED FEB1978
 ERROR CORR - 01.02
 MODIFICATION - 50.51.52.53.54

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

VILS FAKK

PRIMARY PRINTOUT TABLE 110

SECNO	CASEL	DIFKWS	EG	TOPHID	PENENC	STENCL	STENCR	STICHL	STICHR	QLOB	QCHR	QROB
0.150	2086.80	0.0	2086.82	880.	0.	0.	0.	37.	101.	102.	1333.	2930.
0.150	2087.80	1.00	2087.84	299.	299.	1.	300.	37.	101.	138.	1820.	2406.
0.150	2086.27	0.0	2087.36	36.	0.	0.	0.	67.	103.	0.	4364.	C.
0.150	2087.82	1.54	2087.85	297.	297.	48.	345.	67.	103.	87.	1115.	3162.
0.170	2086.92	0.0	2088.93	453.	0.	0.	0.	67.	103.	60.	686.	3613.
0.170	2089.67	0.75	2089.70	297.	297.	48.	345.	67.	103.	96.	1053.	3210.
0.230	2088.93	0.0	2088.94	453.	0.	0.	0.	67.	103.	60.	684.	3601.
0.230	2089.68	0.75	2089.70	297.	297.	48.	345.	67.	103.	95.	1050.	3200.
0.330	2088.93	0.0	2086.96	505.	0.	0.	0.	112.	143.	383.	1179.	2757.
0.330	2089.69	0.76	2089.75	320.	320.	100.	420.	112.	143.	124.	1513.	2683.
0.380	2088.97	0.0	2088.98	684.	0.	0.	0.	228.	260.	867.	851.	2590.
0.380	2089.74	0.77	2089.79	310.	310.	165.	475.	228.	260.	707.	1369.	2213.
0.410	2088.97	0.0	2089.00	972.	0.	0.	0.	525.	565.	873.	1393.	2034.
0.410	2089.75	0.78	2089.80	350.	350.	450.	800.	525.	565.	396.	1678.	2227.
0.410	2088.99	0.0	2089.00	972.	0.	0.	0.	525.	565.	1199.	636.	2466.
0.410	2089.77	0.79	2089.80	350.	350.	450.	800.	525.	565.	581.	844.	2876.
0.410	2086.99	0.0	2089.01	973.	0.	0.	0.	525.	565.	1201.	634.	2466.
0.410	2089.78	0.79	2089.81	350.	350.	450.	800.	525.	565.	581.	844.	2877.
0.420	2086.99	0.0	2089.02	973.	0.	0.	0.	525.	565.	1059.	1328.	1914.
0.420	2089.78	0.79	2089.82	350.	350.	450.	800.	525.	565.	494.	1649.	2158.
0.430	2088.69	0.0	2089.15	612.	0.	0.	0.	180.	210.	637.	2537.	1127.
0.430	2089.61	0.73	2090.02	275.	305.	95.	400.	180.	210.	574.	3048.	680.
0.500	2089.19	0.0	2089.37	650.	0.	0.	0.	292.	320.	1526.	2014.	740.
0.500	2090.09	0.91	2090.26	420.	420.	180.	600.	292.	320.	1616.	2035.	629.
0.500	2089.34	0.0	2089.39	569.	0.	0.	0.	320.	353.	2110.	1493.	678.
0.500	2090.23	0.89	2090.28	420.	420.	200.	620.	320.	353.	1904.	1546.	830.

SECNO	CWSEL	DIFKLS	EG	TOPHID	PERENC	STENCL	STENCH	STCHL	STCHR	QLDB	QCH	QRDB
0.500	2089.32	0.0	2089.59	384.	0.	0.	0.	320.	353.	0.	2748.	1532.
0.500	2090.42	1.10	2090.47	420.	420.	200.	620.	320.	353.	1894.	1529.	857.
0.500	2089.57	0.0	2089.62	577.	0.	0.	0.	320.	353.	2096.	1468.	716.
0.500	2090.42	0.85	2090.47	420.	420.	200.	620.	320.	353.	1894.	1529.	857.
0.750	2089.68	0.0	2089.68	1031.	0.	0.	0.	601.	632.	2200.	478.	1541.
0.750	2090.54	0.87	2090.55	467.	467.	233.	700.	601.	632.	2980.	667.	573.
1.070	2089.73	0.0	2089.74	1453.	0.	0.	0.	560.	614.	1334.	859.	1950.
1.070	2090.63	0.90	2090.64	750.	750.	200.	950.	560.	614.	1224.	1180.	1739.
1.490	2089.83	0.0	2090.21	376.	0.	0.	0.	151.	190.	443.	2432.	938.
1.490	2090.87	1.04	2091.16	285.	285.	65.	350.	151.	190.	475.	2382.	957.
1.670	2091.13	0.0	2091.34	407.	0.	0.	0.	701.	740.	539.	2106.	1166.
1.670	2091.85	0.71	2092.05	285.	285.	615.	900.	701.	740.	533.	2193.	1084.
1.670	2090.53	0.0	2092.05	39.	0.	0.	0.	701.	740.	0.	3810.	0.
1.670	2091.35	0.82	2092.64	39.	285.	615.	900.	701.	740.	0.	3810.	0.
1.670	2092.08	0.0	2092.97	42.	0.	0.	0.	768.	810.	0.	3810.	0.
1.670	2093.02	0.94	2093.79	42.	170.	730.	900.	768.	810.	0.	3810.	0.
1.670	2092.85	0.0	2093.14	341.	0.	0.	0.	768.	800.	406.	1996.	1408.
1.670	2093.59	0.74	2093.92	170.	170.	730.	900.	768.	800.	477.	2185.	1148.
1.900	2096.11	0.0	2096.26	390.	0.	0.	0.	768.	800.	431.	1696.	1633.
1.900	2096.97	0.86	2097.18	170.	170.	730.	900.	768.	800.	507.	1998.	1255.
2.180	2096.89	0.0	2096.90	755.	0.	0.	0.	558.	600.	2588.	437.	375.
2.180	2097.88	0.99	2097.90	450.	450.	250.	700.	558.	600.	2423.	548.	429.
2.180	2096.89	0.0	2096.91	755.	0.	0.	0.	558.	600.	2588.	437.	375.
2.180	2097.88	0.99	2097.91	450.	450.	250.	700.	558.	600.	2423.	548.	429.
2.180	2097.04	0.0	2097.06	762.	0.	0.	0.	558.	600.	2075.	745.	579.
2.180	2098.03	0.99	2098.06	450.	450.	250.	700.	558.	600.	1870.	906.	624.
2.180	2097.05	0.0	2097.07	762.	0.	0.	0.	558.	600.	2075.	745.	580.
2.180	2098.04	0.99	2098.07	450.	450.	250.	700.	558.	600.	1871.	905.	624.
2.250	2097.29	0.0	2097.60	598.	0.	0.	0.	511.	554.	817.	1996.	587.
2.250	2098.31	1.01	2098.46	500.	500.	150.	650.	511.	554.	1165.	1663.	572.
2.300	2098.38	0.0	2098.54	625.	0.	0.	0.	511.	554.	891.	1620.	769.
2.300	2098.89	0.52	2099.03	500.	500.	150.	650.	511.	554.	1089.	1567.	624.
2.400	2099.47	0.0	2099.54	508.	0.	0.	0.	162.	200.	258.	721.	1971.
2.400	2099.88	0.41	2099.98	290.	290.	110.	400.	162.	200.	215.	859.	1875.
2.620	2102.37	0.0	2102.54	434.	0.	0.	0.	162.	200.	245.	974.	1731.
2.620	2102.87	0.51	2103.06	290.	290.	110.	400.	162.	200.	197.	1023.	1730.
2.920	2106.40	0.0	2106.45	621.	0.	0.	0.	560.	602.	881.	631.	1167.
2.920	2107.05	0.65	2107.15	300.	300.	450.	750.	560.	602.	602.	836.	1242.

SECNO	CWSEL	DIFKWS	EG	TOPHID	PERENC	STENCL	STENCH	STCHL	STCHR	OLDB	QCH	OROB
3.060	2107.55	0.0	2107.72	521.	0.	0.	0.	446.	501.	364.	1543.	773.
3.060	2108.34	0.79	2108.57	200.	200.	420.	620.	446.	501.	183.	1841.	656.
3.060	2107.48	0.0	2106.13	94.	0.	0.	0.	132.	230.	0.	2680.	0.
3.060	2108.37	0.89	2108.82	96.	200.	100.	300.	132.	230.	0.	2680.	0.
3.060	2107.68	0.0	2108.28	95.	0.	0.	0.	132.	230.	0.	2680.	0.
3.060	2108.49	0.80	2108.92	96.	200.	100.	300.	132.	230.	0.	2680.	0.
3.060	2108.25	0.0	2108.51	246.	0.	0.	0.	132.	184.	4.	1760.	916.
3.060	2108.84	0.59	2109.07	192.	200.	100.	300.	132.	184.	15.	1762.	903.
3.200	2111.84	0.0	2112.19	215.	0.	0.	0.	132.	184.	0.	1821.	719.
3.200	2111.98	0.14	2112.35	179.	200.	100.	300.	132.	184.	0.	1874.	666.
3.350	2114.10	0.0	2114.17	419.	0.	0.	0.	150.	189.	29.	703.	1808.
3.350	2114.67	0.56	2114.79	200.	200.	140.	340.	150.	189.	39.	942.	1559.
3.600	2117.34	0.0	2117.53	497.	0.	0.	0.	446.	485.	1209.	1072.	259.
3.600	2118.33	0.98	2118.54	300.	300.	220.	520.	446.	485.	965.	1218.	356.
3.800	2121.73	0.0	2121.80	496.	0.	0.	0.	446.	485.	1021.	629.	151.
3.800	2122.37	0.64	2122.47	300.	300.	220.	520.	446.	485.	799.	794.	208.
4.120	2127.59	0.0	2127.96	329.	0.	0.	0.	302.	340.	72.	1118.	309.
4.120	2126.23	0.64	2128.60	140.	140.	300.	440.	302.	340.	5.	1205.	291.
4.120	2127.68	0.0	2128.52	38.	0.	0.	0.	302.	340.	0.	1500.	0.
4.120	2126.33	0.64	2128.99	38.	140.	300.	440.	302.	340.	0.	1500.	0.
4.120	2127.82	0.0	2128.62	38.	0.	0.	0.	302.	340.	0.	1500.	0.
4.120	2128.66	0.84	2129.26	38.	140.	300.	440.	302.	340.	0.	1500.	0.
4.120	2128.59	0.0	2128.77	366.	0.	0.	0.	302.	340.	97.	1009.	394.
4.120	2129.10	0.52	2129.37	140.	140.	300.	440.	302.	340.	3.	1203.	295.
4.150	2129.17	0.0	2129.50	332.	0.	0.	0.	302.	340.	84.	1090.	326.
4.150	2126.72	0.55	2130.08	140.	140.	300.	440.	302.	340.	5.	1207.	288.
4.200	2130.92	0.0	2131.06	505.	0.	0.	0.	234.	259.	8.	621.	872.
4.200	2131.45	0.52	2131.66	164.	170.	180.	350.	234.	259.	34.	747.	720.
4.430	2135.83	0.0	2135.92	528.	0.	0.	0.	234.	259.	16.	556.	926.
4.430	2136.70	0.87	2136.84	170.	170.	180.	350.	234.	259.	75.	691.	734.
4.430	2135.68	0.0	2136.53	60.	0.	0.	0.	200.	260.	0.	1500.	0.
4.430	2136.69	1.02	2137.20	60.	170.	180.	350.	200.	260.	0.	1500.	0.
4.430	2135.68	0.0	2136.53	60.	0.	0.	0.	200.	260.	0.	1500.	0.
4.430	2136.69	1.02	2137.20	60.	170.	180.	350.	200.	260.	0.	1500.	0.
4.430	2136.65	0.0	2136.82	483.	0.	0.	0.	234.	259.	1.	616.	882.
4.430	2137.16	0.51	2137.38	155.	170.	180.	350.	234.	259.	14.	688.	798.

FLOODWAY DATA. DEVILS FORK
 PROFILE NO. 2

STATION	WIDTH (FT)	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	ELEVATION WITHOUT FLOODWAY	DIFFERENCE
0.150	299.	3006.	1.5	2087.8	2086.8	1.0
0.150	297.	3398.	1.3	2087.8	2086.3	1.5
0.170	297.	3952.	1.1	2089.7	2088.9	0.8
0.230	297.	3954.	1.1	2089.7	2088.9	0.8
0.330	320.	2937.	1.5	2089.7	2088.9	0.8
0.380	310.	3311.	1.3	2089.7	2089.0	0.7
0.410	350.	3320.	1.3	2089.8	2089.0	0.8
0.410	350.	3096.	1.4	2089.8	2089.0	0.8
0.410	350.	3099.	1.4	2089.8	2089.0	0.8
0.420	350.	3330.	1.3	2089.8	2089.0	0.8
0.430	305.	1442.	3.0	2089.6	2088.9	0.7
0.500	420.	2148.	2.0	2090.1	2089.2	0.9
0.500	420.	3413.	1.3	2090.2	2089.3	0.9
0.500	420.	3493.	1.2	2090.4	2089.3	1.1
0.500	420.	3494.	1.2	2090.4	2089.6	0.8
0.750	467.	5729.	0.7	2090.5	2089.7	0.8
1.070	750.	7193.	0.6	2090.6	2089.7	0.9
1.490	235.	1759.	2.2	2090.9	2089.8	1.1
1.670	285.	2048.	1.9	2091.8	2091.1	0.7
1.670	285.	418.	9.1	2091.4	2090.5	0.9
1.670	170.	543.	7.0	2093.0	2092.1	0.9
1.670	170.	1138.	3.3	2093.6	2092.8	0.8
1.900	170.	1372.	2.7	2097.0	2096.1	0.9
2.180	450.	2919.	1.2	2097.9	2096.9	1.0
2.180	450.	2918.	1.2	2097.9	2096.9	1.0
2.180	450.	2982.	1.1	2098.0	2097.0	1.0
2.180	450.	2985.	1.1	2098.0	2097.0	1.0
2.250	500.	1705.	2.0	2098.3	2097.3	1.0
2.300	500.	1695.	1.9	2098.9	2098.4	0.5
2.400	290.	1238.	2.4	2099.9	2099.5	0.4
2.620	290.	948.	3.1	2102.9	2102.4	0.5
2.920	300.	1178.	2.3	2107.0	2106.4	0.6
3.060	200.	854.	3.1	2108.3	2107.6	0.7
3.060	200.	498.	5.4	2108.4	2107.5	0.9
3.060	200.	509.	5.3	2108.5	2107.7	0.8
3.060	200.	832.	3.2	2108.8	2108.3	0.5
3.200	200.	634.	4.0	2112.0	2111.8	0.2
3.350	200.	916.	2.8	2114.7	2114.1	0.6
3.600	300.	978.	2.6	2118.3	2117.3	1.0
3.800	300.	874.	2.1	2122.4	2121.7	0.7
4.120	140.	418.	3.6	2128.2	2127.6	0.6
4.120	140.	229.	6.6	2128.3	2127.7	0.6
4.120	140.	242.	6.7	2128.7	2127.8	0.9
4.120	140.	540.	2.8	2129.1	2128.6	0.5
4.150	140.	415.	3.6	2129.7	2129.2	0.5
4.200	170.	525.	2.9	2131.4	2130.9	0.5
4.430	170.	635.	2.4	2136.7	2135.8	0.9
4.430	170.	263.	5.7	2136.7	2135.7	1.0
4.430	170.	263.	5.7	2136.7	2135.7	1.0
4.430	170.	464.	3.2	2137.2	2136.7	0.5

HEC2 RELEASE DATED NOV 76 UPDATED FEB1978

ERROR CORR - 01,02

MODIFICATION - 50,51,52,53,54

T1 FENDERSONVILLE, N.C.
 T2 10-YEAR FLOOD
 T3 DEVILS FORK

FINAC 12-31-79 D.F.

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	2.	0.	0.	0.0	0.	0.0	0.	2081.90	0.0

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	0.	0.	-1.	0.	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	0.0
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NC	0.080	0.050	0.035	0.1	0.5					
QT	6.	1588.	3276.	4364.	7752.	10130.	4364.	0.	0.	
	0.	0.0	0.0	0.0	0.0	0.0	8.11	1.00	300.00	0.0

X1	0.15	24.	37.	101.	0.	0.	0.	0.0	0.0	0
GR 2090.0		0.	2081.0	0.	2081.0	37.	2075.6	51.	2074.5	59
GR 2070.4		65.	2070.1	08.	2070.1	77.	2071.0	82.	2072.5	86
GR 2080.7		101.	2078.7	140.	2076.9	240.	2076.7	265.	2079.0	278
GR 2078.8		340.	2083.1	441.	2083.4	460.	2083.2	535.	2083.9	640
GR 2085.3		742.	2086.1	840.	2087.8	937.	2091.0	1037.	0.0	0
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	48.00	345.00	0.0

X1	0.15	26.	67.	103.	50.	50.	50.	0.0	0.0	0
X3	10.	0.0	0.0	0.	0.0	0.	0.0	2087.7	2087.7	
GR 2090.0		47.	2082.8	47.	2082.8	50.	2082.5	53.	2077.2	62
GR 2077.4		67.	2072.7	12.	2070.4	72.	2070.0	75.	2069.7	85
GR 2069.3		91.	2070.5	95.	2072.6	95.	2078.4	103.	2078.5	165
GR 2076.2		195.	2076.2	225.	2075.7	295.	2076.2	400.	2075.5	455
GR 2073.2		465.	2072.8	470.	2073.0	480.	2073.2	481.	2075.3	488
GR 2090.0		501.	0.0	0.	0.0	0.	0.0	0.	0.0	0
QT	6.	1586.	3272.	4359.	7745.	10120.	4359.	0.	0.	
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	48.00	345.00	0.0
SB	1.25	1.60	3.00	0.	22.00	2.00	416.00	0.92	2069.7	2069.

X1	0.17	0.	0.	0.	180.	180.	180.	0.0	0.0	0
	0.	0.0	1.	2082.7	2088.7	0.0	0.	0.0	0.0	0
X3	10.	0.0	0.0	0.	0.0	0.	0.0	2088.7	2088.7	
BT	3.0	47.0	2088.7	0.0	300.0	2088.9	0.0	500.0	2089.5	0.
QT	6.	1581.	3263.	4345.	7726.	10100.	4345.	0.	0.	
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	48.00	345.00	0.0

NC	0.090	0.070	0.040	0.0	0.0					
QT	6.	1573.	3247.	4320.	7694.	10070.	4320.	0.	0.	
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	100.00	420.00	0.0

X1	0.33	34.	112.	143.	500.	380.	500.	0.0	0.0	0
CP	2095.0	39.	2089.8	50.	2083.4	70.	2077.2	86.	2077.2	105
	2078.2	112.	2072.8	146.	2071.3	119.	2071.5	125.	2071.4	128
GR	2071.6	138.	2072.9	140.	2077.8	143.	2081.3	155.	2081.8	160
GR	2081.9	172.	2084.8	183.	2085.0	200.	2085.2	285.	2081.0	296
GR	2079.8	317.	2073.6	332.	2073.2	338.	2073.5	340.	2075.9	346
GR	2076.3	365.	2079.7	370.	2079.7	395.	2082.2	412.	2082.6	420
GR	2081.5	455.	2081.6	505.	2081.7	539.	2095.0	590.	0.0	0
NC	0.090	0.070	0.040	0.0	0.0					
QT	6.	1569.	3239.	4308.	7678.	10060.	4308.	0.	0.	
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	165.00	475.00	0.0

X1	0.38	32.	228.	260.	280.	210.	250.	0.0	0.0	0
GR	2100.0	2.	2092.6	27.	2088.0	78.	2087.9	87.	2087.2	95
GR	2076.5	135.	2078.0	220.	2078.6	228.	2072.9	231.	2072.8	240
GR	2072.4	245.	2072.3	250.	2072.1	254.	2072.6	259.	2076.7	260
GR	2080.5	270.	2082.4	279.	2080.9	400.	2080.9	435.	2074.2	450
GR	2073.5	455.	2073.8	457.	2079.8	476.	2080.8	500.	2082.4	526
GR	2082.6	583.	2080.8	600.	2081.6	646.	2080.7	700.	2083.3	738
GR	2087.3	750.	2090.0	763.	0.0	0.	0.0	0.	0.0	0
QT	6.	1567.	3234.	4301.	7669.	10040.	4301.	0.	0.	
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	450.00	800.00	0.0

X1	0.41	39.	525.	565.	90.	90.	90.	0.0	0.0	0
GR	2090.4	0.	2087.0	100.	2084.9	200.	2085.6	300.	2085.4	345
	2084.3	400.	2083.1	458.	2081.5	520.	2079.3	525.	2073.1	540
GR	2071.3	552.	2070.9	557.	2073.1	563.	2075.5	565.	2081.4	570
GR	2081.1	600.	2081.2	700.	2081.3	754.	2077.1	758.	2074.2	760
GR	2074.1	765.	2074.2	757.	2074.4	770.	2074.5	772.	2076.0	770
GR	2077.2	777.	2081.0	783.	2084.8	790.	2085.4	800.	2085.4	810
GR	2085.3	859.	2085.0	900.	2084.9	904.	2083.2	908.	2085.7	915
GR	2085.9	919.	2087.1	955.	2088.0	1000.	2090.0	1029.	0.0	
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	450.00	800.00	0.0

X1	0.41	0.	0.	0.	10.	10.	10.	0.0	0.0	0
BT	200.0	458.0	2083.1	0.0	520.0	2081.5	0.0	525.0	2081.3	0
BT	525.0	2083.0	2079.3	565.0	2082.5	2078.9	565.0	2081.0	0.0	600
BT	2080.6	0.0	700.0	2080.6	0.0	758.0	2081.0	0.0	758.0	2082
BT	2077.5	761.0	2082.0	2075.6	765.0	2082.0	2079.3	767.0	2082.0	2079
BT	770.0	2082.0	2079.4	772.0	2082.0	2079.2	774.0	2082.0	2078.5	777
BT	2082.0	2077.2	777.0	2081.0	0.0	783.0	2081.0	0.0	790.0	2084
BT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	450.00	800.00	0.

X1	0.41	0.	0.	0.	30.	30.	30.	0.0	0.0	0
X2	0.	0.0	0.	0.0	0.0	0.0	1.	0.0	0.0	
NC	0.080	0.080	0.045	0.0	0.0					
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	450.00	800.00	0.

X1	0.42	0.	0.	0.	10.	10.	10.	0.0	0.0	0
NC	0.080	0.080	0.040	0.0	0.0					
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	95.00	400.00	0.

X1	0.43	22.	180.	210.	30.	70.	50.	0.0	0.0	0
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GK 2105.0	125.	2083.4	125.	2083.9	170.	2083.3	173.	2077.8	180
GR 2073.1	186.	2070.9	190.	2070.1	193.	2070.4	198.	2070.4	203
GR 2073.1	203.	2077.5	210.	2086.4	225.	2087.2	262.	2085.8	650
GR 2086.0	700.	2100.0	700.	0.0	0.	0.0	0.	0.0	0
NC 0.080	0.080	0.040	0.0	0.0					
QT 6.	1560.	3220.	4280.	7640.	10000.	4280.	0.	0.	
ET 0.	0.0	0.0	0.0	0.0	0.0	8.11	180.00	600.00	0.0

X1 0.50	21.	292.	320.	310.	340.	400.	0.0	0.0	0
GR 2100.0	67.	2092.0	147.	2087.8	152.	2087.2	165.	2084.6	200
GR 2084.0	215.	2081.4	233.	2080.0	238.	2078.9	292.	2073.6	299
GR 2072.8	300.	2072.8	336.	2073.2	310.	2073.0	317.	2073.2	318
GR 2078.7	320.	2087.4	337.	2088.2	349.	2086.3	783.	2089.2	800
GR 2100.0	933.	0.0	0.	0.0	0.	0.0	0.	0.0	0
ET 0.	0.0	0.0	0.0	0.0	0.0	8.11	200.00	620.00	0.0

X1 0.50	20.	320.	333.	30.	30.	30.	0.0	0.0	0
X3 10.	0.0	0.0	0.	0.0	0.	0.0	2089.0	2085.8	
GR 2110.0	98.	2091.3	115.	2090.6	129.	2076.7	201.	2078.7	270
GR 2075.3	300.	2075.1	315.	2076.0	320.	2073.1	321.	2072.4	328
GR 2073.1	333.	2072.5	340.	2074.4	348.	2074.7	353.	2086.0	380
GR 2086.0	610.	2090.5	738.	2090.6	762.	2092.1	765.	2110.0	966
ET 0.	0.0	0.0	0.0	0.0	0.0	8.11	200.00	620.00	0.0
SB 1.25	1.60	3.00	0.	51.00	3.00	430.00	0.0	2073.8	2073.

X1 0.50	0.	0.	0.	30.	30.	30.	0.0	0.0	0
X2 0.	0.0	1.	2082.8	2086.8	0.0	0.	0.0	0.0	0
X3 10.	0.0	0.0	0.	0.0	0.	0.0	2090.0	2086.8	
BT 13.0	98.0	2110.0	0.0	115.0	2091.3	0.0	129.0	2090.6	0.
BT 2089.1	2089.9	0.0	300.0	2090.8	0.0	352.0	2089.4	0.0	369.
BT 2089.1	0.0	410.0	2080.0	0.0	610.0	2086.0	0.0	738.0	2090.
BT 0.0	762.0	2090.6	0.0	765.0	2092.1	0.0	966.0	2110.0	0.
ET 0.	0.0	0.0	0.0	0.0	0.0	8.11	200.00	620.00	0.0

X1 0.50	0.	0.	0.	10.	10.	10.	0.0	0.0	
NC 0.070	0.070	0.040	0.0	0.0					
QT 6.	1540.	3180.	4220.	7560.	9900.	4220.	0.	0.	
ET 0.	0.0	0.0	0.0	0.0	0.0	8.11	233.00	700.00	0.

X1 0.75	25.	601.	632.	1200.	1100.	1130.	0.0	0.0	
GR 2096.8	100.	2081.8	220.	2082.0	233.	2077.7	250.	2074.5	25
GR 2073.7	259.	2074.3	283.	2078.4	269.	2077.8	300.	2079.0	40
GR 2075.5	500.	2079.1	537.	2078.0	601.	2075.2	610.	2074.7	61
GR 2073.5	620.	2074.0	627.	2076.5	632.	2078.8	700.	2079.7	80
GR 2083.2	900.	2089.4	1131.	2088.7	1184.	2090.1	1190.	2090.5	120
NC 0.150	0.100	0.040	0.0	0.0					
QT 6.	1514.	3128.	4143.	7458.	9790.	4143.	0.	0.	
ET 0.	0.0	0.0	0.0	0.0	0.0	8.11	300.00	880.00	0.

X1 1.07	39.	560.	614.	1700.	1700.	1700.	0.0	0.0	
X3 10.	0.0	0.0	0.	0.0	0.	0.0	2086.8	2080.0	
GR 2095.0	20.	2090.5	28.	2084.5	43.	2082.7	50.	2080.5	10
GR 2079.2	140.	2074.9	156.	2079.2	166.	2080.9	200.	2080.7	30
GR 2080.7	400.	2080.9	500.	2086.8	540.	2086.9	544.	2085.7	55
GR 2085.4	560.	2082.8	566.	2075.0	573.	2072.5	580.	2071.3	59
GR 2071.9	593.	2073.7	630.	2082.5	604.	2083.2	614.	2081.5	70
GR 2080.9	800.	2080.4	900.	2080.5	911.	2079.3	917.	2081.4	92
GR 2081.1	1000.	2082.8	1100.	2086.2	1200.	2088.1	1300.	2088.5	140
GR 2089.4	1463.	2090.0	1500.	2090.5	1536.	2095.0	1650.	0.0	

QT	6.	1400.	2902.	3614.	6973.	9720.	3814.	0.	0.	0
ET	0.	0.0	0.0	0.0	0.0	0.0	8.11	90.00	340.00	0.0

X1	1.49	22.	151.	190.	2300.	2100.	2200.	0.0	0.0	0.
X3	10.	0.0	0.0	0.	0.0	0.	0.0	2089.0	2085.0	
GR	2100.0	17.	2091.0	45.	2085.9	65.	2083.9	134.	2088.9	146.
GR	2088.4	151.	2078.1	159.	2077.7	165.	2077.9	175.	2077.9	180.
GR	2078.5	183.	2084.9	190.	2086.0	200.	2085.3	215.	2085.4	300.
GR	2087.7	400.	2091.0	440.	2092.4	454.	2092.2	461.	2093.5	466.
GR	2096.8	500.	2100.0	553.	0.0	0.	0.0	0.	0.0	0.
QT	5.	1400.	2870.	3610.	6900.	0.	3810.	0.	0.	0
NC	0.150	0.130	0.045	0.0	0.0					

X1	1.67	20.	701.	740.	950.	950.	950.	0.0	0.0	0.
X3	10.	0.0	0.0	0.	0.0	0.	0.0	2089.0	2085.0	
GR	2100.0	567.	2091.0	565.	2085.9	615.	2083.9	684.	2088.9	696.
GR	2084.0	701.	2079.0	759.	2079.0	734.	2083.0	740.	2085.0	743.
GR	2086.0	750.	2085.3	765.	2085.4	850.	2087.7	950.	2091.0	990.
GR	2092.4	1004.	2092.2	1011.	2093.5	1016.	2096.8	1050.	2100.0	1103.

X1	1.67	20.	701.	740.	30.	30.	30.	0.0	0.0	0.
X3	10.	0.0	0.0	0.	0.0	0.	0.0	2094.0	2094.0	
GR	2100.0	567.	2091.0	595.	2085.9	615.	2083.9	684.	2088.9	696.
GR	2084.0	701.	2080.2	707.	2080.2	736.	2083.0	740.	2085.0	743.
GR	2086.0	750.	2085.3	765.	2085.4	850.	2087.7	950.	2091.0	990.
GR	2092.4	1004.	2092.2	1011.	2093.5	1016.	2096.8	1050.	2100.0	1103.
SB	1.50	2.00	3.00	0.	46.30	2.00	430.00	0.0	2080.2	2080.0
NC	0.130	0.130	0.070	0.0	0.0					

X1	1.67	21.	768.	810.	30.	30.	30.	0.0	0.0	0
X2	0.	0.0	1.	2089.9	2094.6	0.0	0.	0.0	0.0	0
X3	10.	0.0	0.0	0.	0.0	0.	0.0	2096.0	2096.0	
X5	2.	2090.20	2091.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BT	16.0	0.0	2094.6	0.0	100.0	2094.3	0.0	200.0	2095.0	0.
BT	300.0	2095.0	0.0	400.0	2095.2	0.0	700.0	2095.5	0.0	700.
BT	2096.3	0.0	744.0	2097.1	0.0	744.0	2095.6	0.0	800.0	2095.
BT	0.0	900.0	2095.9	0.0	1100.0	2096.0	0.0	1200.0	2096.2	0.
BT	1300.0	2096.3	0.0	1400.0	2096.6	0.0	1700.0	2099.2	0.0	0.
GR	2095.4	700.	2094.7	716.	2087.4	745.	2086.9	768.	2080.1	768
GR	2080.1	810.	2087.5	810.	2087.9	840.	2083.4	850.	2089.5	900
GR	2087.4	940.	2091.9	951.	2090.7	984.	2091.7	1000.	2093.2	1073
GR	2093.9	1094.	2094.3	1100.	2095.0	1155.	2095.1	1181.	2096.5	1222
GR	2103.0	1315.	0.0	0.	0.0	0.	0.0	0.	0.0	0
NH	4.	0.040	700.	0.130	768.	0.070	800.	0.130	1315.	0.0

X1	1.67	23.	768.	800.	20.	20.	20.	0.0	0.0	0
GR	2095.4	550.	2095.4	750.	2087.4	745.	2086.9	768.	2081.1	771
GR	2080.9	781.	2080.7	791.	2081.1	793.	2087.5	800.	2086.5	810
GR	2088.4	850.	2089.5	900.	2087.4	940.	2091.9	951.	2090.7	984
GR	2091.7	1000.	2093.2	1073.	2093.9	1094.	2094.3	1100.	2095.0	1155
GR	2095.1	1181.	2096.5	1222.	2103.0	1315.	0.0	0.	0.0	0
QT	5.	1400.	2840.	3760.	6810.	0.	3760.	0.	0.	

X1	1.90	0.	0.	0.	1200.	1200.	1200.	0.0	2.00	0
NC	0.060	0.060	0.070	0.0	0.0					
QT	5.	1200.	2560.	3400.	6200.	0.	3400.	0.	0.	

X1	2.18	29.	558.	600.	1450.	1450.	1450.	0.0	0.0	0
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GR 2092.3	151.	2091.7	165.	2091.9	200.	2091.2	224.	2090.9	23
GR 2091.5	300.	2092.0	400.	2090.6	500.	2090.2	549.	2093.3	55
GR 2086.1	566.	2085.6	572.	2084.5	580.	2084.7	587.	2085.6	58
GR 2094.9	600.	2094.9	604.	2094.6	614.	2092.5	620.	2093.5	70
GR 2096.5	800.	2099.0	900.	2101.0	980.	2106.4	1100.	0.0	

	2.18	0.	0.	0.	30.	30.	30.	0.0	0.0	
SB	1.25	1.60	3.00	0.	20.00	0.01	225.00	0.91	2085.3	2085
NC	0.130	0.070	0.070	0.0	0.0					

X1	2.18	0.	0.	0.	30.	30.	30.	0.0	0.0	
X2	0.	0.0	1.	2093.5	2093.8	0.0	0.	0.0	0.0	
BT	19.0	0.0	2106.4	0.0	10.0	2105.3	0.0	30.0	2100.9	0
BT	40.0	2099.5	0.0	100.0	2096.8	0.0	200.0	2094.3	0.0	300
BT	2093.8	0.0	400.0	2093.8	0.0	560.0	2095.7	0.0	560.0	2098
BT	0.0	600.0	2099.1	0.0	600.0	2096.2	0.0	700.0	2096.4	0
BT	807.0	2097.2	0.0	905.0	2098.4	0.0	1013.0	2100.5	0.0	1103
BT	2102.4	0.0	1200.0	2105.2	0.0	1229.0	2106.4	0.0	0.0	0

X1	2.18	0.	0.	0.	20.	20.	20.	0.0	0.0
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X1	2.25	12.	511.	554.	350.	350.	350.	0.0	-0.60	
GR	2103.5	0.	2096.0	180.	2096.0	499.	2095.1	511.	2087.8	51
GR	2087.6	523.	2086.4	533.	2086.6	538.	2096.7	554.	2096.0	56
GR	2096.0	670.	2103.0	900.	0.0	0.	0.0	0.	0.0	
NC	0.130	0.060	0.070	0.0	0.0					
QT	5.	1190.	2500.	3280.	6100.	0.	3280.	0.	0.	

X1	2.30	0.	0.	0.	250.	250.	250.	0.0	0.60
QT	5.	1070.	2250.	2950.	5500.	0.	2950.	0.	0.

X1	2.40	26.	162.	200.	500.	500.	500.	0.0	-4.00	
GR	2130.1	0.	2124.7	22.	2115.7	50.	2103.2	79.	2100.0	9
GR	2099.0	112.	2100.5	165.	2100.5	162.	2095.2	170.	2094.0	18
GR	2094.9	183.	2095.2	165.	2100.6	200.	2100.0	233.	2100.0	36
GR	2100.0	378.	2100.0	360.	2100.0	384.	2100.0	412.	2100.8	45
GR	2102.5	522.	2103.5	539.	2105.7	653.	2109.4	714.	2112.8	75
GR	2118.5	810.	0.0	0.	0.0	0.	0.0	0.	0.0	
QT	5.	1070.	2250.	2950.	5500.	0.	2950.	0.	0.	

X1	2.62	0.	0.	0.	1250.	1250.	1250.	0.0	4.00	
NC	0.100	0.060	0.070	0.0	0.0					
QT	5.	950.	2000.	2680.	5000.	0.	2680.	0.	0.	

X1	2.92	43.	560.	602.	1580.	1500.	1500.	0.0	0.0	
GR	2135.8	0.	2133.1	02.	2129.7	88.	2124.4	145.	2121.1	18
GR	2117.6	219.	2112.6	253.	2109.0	292.	2104.7	317.	2103.4	33
GR	2103.4	344.	2103.4	300.	2103.3	358.	2103.3	403.	2103.3	46
GR	2103.3	546.	2105.4	560.	2100.2	577.	2098.6	583.	2097.6	58
GR	2098.0	595.	2098.6	599.	2105.6	602.	2105.6	610.	2103.3	62
GR	2103.3	627.	2103.3	639.	2103.3	645.	2103.3	654.	2103.7	73
GR	2103.7	795.	2102.7	801.	2105.1	811.	2105.8	862.	2106.7	96
GR	2109.5	1082.	2109.5	1136.	2109.5	1156.	2107.8	1164.	2107.8	117
GR	2109.1	1189.	2111.1	1217.	2137.0	1400.	0.0	0.	0.0	
NC	0.070	0.090	0.070	0.0	0.0					

GR 2126.5	0.	2124.1	22.	2122.1	51.	2122.1	98.	2116.7	128.
GR 2112.9	106.	2115.0	178.	2114.5	191.	2108.1	219.	2107.6	267.
GR 2106.4	349.	2105.4	410.	2105.2	446.	2099.1	453.	2098.5	469.
GR 2097.7	476.	2099.1	485.	2105.6	501.	2105.2	527.	2105.6	556.
GR 2105.2	586.	2105.4	643.	2105.8	712.	2106.4	765.	2107.2	788.
GR 2111.5	830.	2119.3	877.	2122.7	914.	2125.9	969.	2128.6	1022.

X1	3.06	23.	132.	230.	30.	30.	30.	0.0	0.0	0.
X3	10.	0.0	0.0	0.	0.0	0.	0.0	2109.6	2109.0	0.
GR 2120.0	7.	2118.0	13.	2111.3	23.	2112.5	25.	2112.5	46.	
GR 2112.2	78.	2110.4	85.	2108.8	100.	2107.7	102.	2107.7	115.	
GR 2109.6	132.	2100.0	148.	2099.2	157.	2098.2	169.	2098.4	175.	
GR 2099.2	176.	2105.8	184.	2105.4	230.	2105.0	300.	2110.3	400.	
GR 2114.0	500.	2118.0	555.	2120.0	591.	0.0	0.	0.0	0.	
SB	1.50	1.60	3.00	0.	62.40	4.00	590.00	0.0	2098.4	2098.
NC	0.120	0.090	0.070	0.3	0.8					

X1	3.06	0.	0.	0.	80.	80.	80.	0.0	0.0	0.
X2	0.	0.0	1.	2108.5	2110.7	0.0	0.	0.0	0.0	0.
X3	10.	0.0	0.0	0.	0.0	0.	0.0	2109.6	2111.0	0.
BT	13.0	7.0	2120.0	0.0	13.0	2118.0	0.0	20.0	2112.6	0.
BT	94.0	2111.3	0.0	94.0	2114.0	0.0	200.0	2114.0	0.0	200.
BT	2111.2	0.0	300.0	2110.8	0.0	400.0	2110.7	0.0	420.0	2111.
BT	0.0	500.0	2114.0	0.0	555.0	2118.0	0.0	591.0	2120.0	0.

X1	3.06	23.	132.	184.	20.	20.	20.	0.0	0.0	0.
GR 2120.0	7.	2118.0	13.	2111.3	23.	2112.5	25.	2112.5	46.	
GR 2112.2	78.	2110.4	85.	2108.8	100.	2107.7	102.	2107.7	115.	
GR 2109.6	132.	2100.0	148.	2099.2	157.	2098.2	169.	2098.4	175.	
GR 2099.2	176.	2105.8	184.	2105.4	230.	2105.0	300.	2110.3	400.	
GR 2114.0	500.	2118.0	555.	2120.0	591.	0.0	0.	0.0	0.	
QT	5.	910.	1950.	2540.	4800.	0.	2540.	0.	0.	

X1	3.20	0.	0.	0.	750.	750.	750.	0.0	4.20	0.
NC	0.130	0.060	0.070	0.1	0.5					
QT	5.	910.	1950.	2540.	4800.	0.	2540.	0.	0.	

X1	3.35	28.	150.	189.	800.	800.	800.	0.0	0.0	0.
GR 2144.2	0.	2139.8	28.	2131.1	58.	2120.3	92.	2117.9	118.	
GR 2111.7	141.	2110.4	150.	2104.9	154.	2104.2	159.	2104.8	168.	
GR 2104.9	171.	2108.7	178.	2111.0	182.	2113.5	189.	2112.5	198.	
GR 2111.9	202.	2110.5	217.	2110.5	284.	2110.5	353.	2111.4	411.	
GR 2112.2	465.	2113.1	517.	2114.2	554.	2117.5	603.	2121.7	643.	
GR 2127.8	693.	2132.7	743.	2137.1	786.	0.0	0.	0.0	0.	
QT	5.	910.	1950.	2540.	4800.	0.	2540.	0.	0.	

X1	3.60	30.	446.	485.	1300.	1300.	1300.	0.0	-4.40	0.
GR 2135.3	0.	2130.6	26.	2125.5	52.	2121.1	74.	2119.7	79.	
GR 2119.5	98.	2119.3	109.	2118.8	184.	2119.2	246.	2120.1	315.	
GR 2120.4	400.	2120.4	440.	2121.1	446.	2117.4	462.	2112.9	467.	
GR 2112.2	472.	2112.5	474.	2112.9	479.	2119.2	485.	2119.7	501.	
GR 2121.4	550.	2122.8	622.	2124.4	695.	2126.2	790.	2127.3	867.	
GR 2127.9	923.	2130.2	970.	2132.0	1062.	2135.0	1123.	2137.8	1188.	
NC	0.090	0.060	0.070	0.0	0.0					
QT	5.	650.	1400.	1800.	3500.	0.	1800.	0.	0.	

X1	3.80	0.	0.	0.	1100.	1100.	1100.	0.0	4.40	0.
NC	0.070	0.120	0.070	0.0	0.0					

X1	4.12	13.	302.	340.	1640.	1640.	1540.	0.0	-1.50	0.
GR	2142.0	127.	2129.0	220.	2128.0	297.	2128.3	302.	2122.5	315.
GR	2121.6	325.	2122.3	333.	2128.6	340.	2127.3	420.	2128.2	520.
GR	2131.4	620.	2134.6	680.	2142.5	840.	0.0	0.	0.0	0.

X1	4.12	0.	0.	0.	30.	30.	30.	0.0	0.0	0.
X3	10.	0.0	0.0	0.	0.0	0.	0.0	2129.0	2129.0	
SB	1.25	1.60	3.00	0.	30.00	0.01	245.00	0.0	2120.0	2120.
NC	0.150	0.150	0.060	0.0	0.0					

X1	4.12	0.	0.	0.	30.	30.	30.	0.0	0.0	0.
X2	0.	0.0	1.	2120.2	2129.6	0.0	0.	0.0	0.0	0.
X3	10.	0.0	0.0	0.	0.0	0.	0.0	2130.0	2130.0	
BT	13.0	127.0	2142.0	0.0	183.0	2133.5	0.0	206.0	2130.7	0.
BT	300.0	2129.9	0.0	300.0	2132.2	0.0	349.0	2132.3	0.0	349.
BT	2130.0	0.0	400.0	2129.6	0.0	500.0	2129.8	0.0	590.0	2130.
BT	0.0	620.0	2131.4	0.0	680.0	2134.6	0.0	840.0	2142.5	0.

X1	4.12	0.	0.	0.	20.	20.	20.	0.0	0.0	0.
NC	0.070	0.120	0.070	0.0	0.0					

X1	4.15	13.	302.	340.	150.	150.	150.	0.0	0.0	0.
GR	2142.0	127.	2129.0	220.	2128.0	297.	2128.3	302.	2122.5	315.
GR	2121.6	325.	2122.3	333.	2128.6	340.	2127.3	420.	2128.2	520.
GR	2131.4	620.	2134.6	680.	2142.5	840.	0.0	0.	0.0	0.
NC	0.100	0.130	0.070	0.0	0.0					

X1	4.20	22.	234.	209.	250.	250.	250.	0.0	-4.60	0.
GR	2152.8	47.	2147.4	06.	2146.6	69.	2138.5	85.	2134.8	200.
GR	2136.3	234.	2127.9	2+4.	2127.6	249.	2127.9	255.	2132.4	259.
GR	2130.6	300.	2130.6	306.	2133.7	314.	2133.7	400.	2134.9	500.
GR	2134.8	600.	2134.7	690.	2132.8	695.	2135.5	700.	2138.3	764.
GR	2141.6	800.	2149.6	800.	0.0	0.	0.0	0.	0.0	0.
QT	5.	540.	1130.	1500.	2950.	0.	1500.	0.	0.	

X1	4.43	0.	0.	0.	1150.	1150.	1150.	0.0	4.60	0.
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X1	4.43	23.	200.	260.	30.	30.	30.	0.0	1.50	0.
X3	10.	0.0	0.0	0.	0.0	0.	0.0	2138.0	2138.0	
GR	2152.8	47.	2147.4	06.	2146.6	69.	2138.5	85.	2134.8	200.
GR	2134.0	200.	2133.7	210.	2129.0	217.	2127.6	225.	2127.5	232.
GR	2127.7	238.	2132.8	2+6.	2133.4	260.	2133.7	314.	2133.7	400.
GR	2134.7	500.	2134.8	600.	2134.7	690.	2132.8	695.	2135.5	700.
GR	2138.3	764.	2141.6	800.	2149.6	850.	0.0	0.	0.0	0.
SB	1.25	1.60	3.00	0.	38.30	0.01	360.00	0.0	2128.9	2128.
NC	0.100	0.100	0.070	0.0	0.0					

X1	4.43	0.	0.	0.	300.	300.	300.	0.0	0.0	0.
X2	0.	0.0	1.	2130.3	2138.4	0.0	0.	0.0	0.0	0.
X3	10.	0.0	0.0	0.	0.0	0.	0.0	2139.0	2139.0	
BT	16.0	47.0	2152.8	0.0	56.0	2147.4	0.0	69.0	2145.6	0.
BT	74.0	2143.6	0.0	100.0	2142.5	0.0	200.0	2139.6	0.0	200.
BT	2142.4	0.0	262.0	2142.5	0.0	262.0	2139.6	0.0	300.0	2139.
BT	0.0	400.0	2138.5	0.0	500.0	2138.4	0.0	600.0	2139.0	0.
BT	700.0	2139.9	0.0	804.0	2142.2	0.0	850.0	2149.6	0.0	0.

X1	4.43	22.	234.	259.	20.	20.	20.	0.0	1.50	0
GR	2152.8	47.	2147.4	56.	2146.6	69.	2138.5	85.	2134.8	200
GR	2136.3	234.	2127.9	244.	2127.6	249.	2127.9	255.	2132.4	259
GR	2130.6	300.	2130.6	306.	2133.7	314.	2133.7	400.	2134.9	500
GR	2134.8	600.	2134.7	690.	2132.8	695.	2135.5	700.	2138.3	764
GR	2141.6	800.	2149.6	850.	0.0	0.	0.0	0.	0.0	0

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DEVILS FORK

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
0.150	1588.	2081.9	0.0	0.0	0.0	412.72	0.0
0.150	3276.	2085.1	3.2	0.0	0.0	727.38	0.0
0.150	4364.	2086.8	1.7	0.0	0.0	879.90	0.0
0.150	7752.	2090.9	4.1	0.0	0.0	1333.87	0.0
0.150	1588.	2081.8	0.0	-0.1	0.0	36.00	50.0
0.150	3276.	2084.7	3.0	-0.4	0.0	36.00	50.0
0.150	4364.	2086.3	1.5	-0.5	0.0	36.00	50.0
0.150	7752.	2090.9	4.6	-0.0	0.0	454.00	50.0
0.170	1586.	2081.8	0.0	0.0	0.0	36.00	180.0
0.170	3272.	2085.6	3.8	0.9	0.0	36.00	180.0
0.170	4359.	2088.9	3.3	2.6	0.0	453.05	180.0
0.170	7745.	2091.6	2.7	0.7	0.0	454.00	180.0
0.230	1581.	2082.2	0.0	0.3	0.0	440.47	160.0
0.230	3263.	2086.3	4.2	0.7	0.0	450.77	160.0
0.230	4345.	2088.9	2.6	0.0	0.0	453.05	160.0
0.230	7726.	2091.6	2.7	0.0	0.0	454.00	160.0
0.330	1573.	2082.1	0.0	-0.0	0.0	324.58	500.0
0.330	3247.	2086.3	4.2	0.0	0.0	491.42	500.0
0.330	4320.	2088.9	2.6	0.0	0.0	505.39	500.0
0.330	7694.	2091.6	2.7	0.0	0.0	524.59	500.0
0.380	1569.	2082.3	0.0	0.1	0.0	534.83	250.0
0.380	3239.	2086.4	4.1	0.1	0.0	649.34	250.0
0.380	4308.	2089.0	2.6	0.0	0.0	684.47	250.0
0.380	7678.	2091.7	2.7	0.1	0.0	701.87	250.0
0.410	1567.	2082.2	0.0	-0.0	0.0	294.17	90.0
0.410	3234.	2086.4	4.1	-0.0	0.0	805.00	90.0
0.410	4301.	2089.0	2.6	-0.0	0.0	972.37	90.0
0.410	7669.	2091.7	2.7	0.0	0.0	1029.00	90.0
0.410	1567.	2082.2	0.0	-0.1	0.0	291.72	10.0
0.410	3234.	2086.4	4.2	0.0	0.0	808.04	10.0
0.410	4301.	2089.0	2.6	0.0	0.0	972.39	10.0
0.410	7669.	2091.7	2.7	0.0	0.0	1029.00	10.0
0.410	1567.	2082.4	0.0	0.2	0.0	299.24	30.0
0.410	3234.	2086.5	4.1	0.0	0.0	809.02	30.0
0.410	4301.	2089.0	2.5	0.0	0.0	973.00	30.0
0.410	7669.	2091.7	2.7	0.0	0.0	1029.00	30.0
0.420	1567.	2082.5	0.0	0.1	0.0	304.75	10.0
0.420	3234.	2086.4	3.9	-0.0	0.0	809.33	10.0
0.420	4301.	2089.0	2.5	-0.0	0.0	973.15	10.0
0.420	7669.	2091.7	2.7	-0.0	0.0	1029.00	10.0
0.430	1567.	2082.4	0.0	-0.1	0.0	44.10	50.0
0.430	3234.	2086.2	3.8	-0.3	0.0	284.51	50.0
0.430	4301.	2088.9	2.7	-0.1	0.0	611.59	50.0
0.430	7669.	2091.6	2.8	-0.1	0.0	618.10	50.0

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
0.500	1560.	2083.0	0.0	0.6	0.0	106.62	400.
0.500	3220.	2087.0	4.0	0.8	0.0	324.86	400.
0.500	4280.	2089.2	2.2	0.3	0.0	649.58	400.
0.500	7640.	2091.9	2.7	0.2	0.0	685.97	400.
0.500	1560.	2083.0	0.0	0.0	0.0	33.00	30.
0.500	3220.	2086.9	3.9	-0.0	0.0	316.18	30.
0.500	4280.	2089.3	2.4	0.1	0.0	569.34	30.
0.500	7640.	2092.0	2.6	0.1	0.0	650.37	30.
0.500	1560.	2083.1	0.0	0.1	0.0	33.00	30.
0.500	3220.	2087.0	4.0	0.1	0.0	319.66	30.
0.500	4280.	2089.3	2.3	-0.0	0.0	384.34	30.
0.500	7640.	2092.2	2.8	0.2	0.0	651.35	30.
0.500	1560.	2083.4	0.0	0.3	0.0	207.68	10.
0.500	3220.	2087.5	4.0	0.4	0.0	506.67	10.
0.500	4280.	2089.6	2.1	0.3	0.0	577.18	10.
0.500	7640.	2092.2	2.6	0.0	0.0	651.37	10.
0.750	1540.	2083.6	0.0	0.1	0.0	711.00	1130.
0.750	3180.	2087.6	4.0	0.1	0.0	925.68	1130.
0.750	4220.	2089.7	2.1	0.1	0.0	1031.17	1130.
0.750	7560.	2092.3	2.6	0.1	0.0	1064.01	1130.
1.070	1514.	2083.7	0.0	0.2	0.0	563.71	1700.
1.070	3128.	2087.7	3.9	0.1	0.0	1242.19	1700.
1.070	4143.	2089.7	2.1	0.1	0.0	1453.46	1700.
1.070	7458.	2092.4	2.6	0.1	0.0	1558.89	1700.
1.490	1400.	2085.3	0.0	1.5	0.0	39.90	2200.
1.490	2902.	2087.7	2.4	-0.0	0.0	246.73	2200.
1.490	3814.	2089.8	2.2	0.1	0.0	376.26	2200.
1.490	6973.	2092.5	2.7	0.1	0.0	421.94	2200.
1.670	1400.	2087.4	0.0	2.2	0.0	237.88	950.
1.670	2870.	2090.0	2.5	2.3	0.0	386.16	950.
1.670	3810.	2091.1	1.2	1.3	0.0	406.61	950.
1.670	6900.	2093.9	2.8	1.4	0.0	440.88	950.
1.670	1400.	2087.4	0.0	-0.1	0.0	39.00	30.
1.670	2870.	2089.6	2.2	-0.4	0.0	39.00	30.
1.670	3810.	2090.5	1.0	-0.6	0.0	39.00	30.
1.670	6900.	2092.3	1.8	-1.6	0.0	39.00	30.
*	1.670	1400.	2090.2	0.0	2.8	42.00	30.
*	1.670	2870.	2091.6	1.4	2.0	42.00	30.
	1.670	3810.	2092.1	0.5	1.5	42.00	30.
	1.670	6900.	2093.8	1.7	1.5	42.00	30.
1.670	1400.	2090.2	0.0	0.0	0.0	217.92	20.
1.670	2870.	2092.0	1.8	0.4	0.0	295.71	20.
1.670	3810.	2092.8	0.8	0.8	0.0	341.38	20.
1.670	6900.	2096.1	3.3	2.4	0.0	660.90	20.

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
1.900	1400.	2092.8	0.0	2.5	0.0	224.76	1200.0
1.900	2840.	2095.1	2.3	3.1	0.0	354.30	1200.0
1.900	3760.	2096.1	1.0	3.3	0.0	390.13	1200.0
1.900	6810.	2098.6	2.5	2.5	0.0	673.89	1200.0
2.180	1200.	2093.8	0.0	1.1	0.0	608.50	1450.0
2.180	2560.	2095.9	2.1	0.8	0.0	711.63	1450.0
2.180	3400.	2096.9	1.0	0.8	0.0	754.60	1450.0
2.180	6200.	2099.3	2.4	0.7	0.0	870.85	1450.0
2.180	1200.	2093.8	0.0	0.0	0.0	608.88	30.0
2.180	2560.	2095.9	2.1	0.0	0.0	711.84	30.0
2.180	3400.	2096.9	1.0	0.0	0.0	754.83	30.0
2.180	6200.	2099.3	2.4	0.0	0.0	870.96	30.0
2.180	1200.	2094.3	0.0	0.5	0.0	631.42	30.0
2.180	2560.	2096.1	1.8	0.2	0.0	719.82	30.0
2.180	3400.	2097.0	0.9	0.1	0.0	761.76	30.0
2.180	6200.	2099.5	2.4	0.1	0.0	877.26	30.0
2.180	1200.	2094.3	0.0	0.0	0.0	631.40	20.0
2.180	2560.	2096.1	1.8	0.0	0.0	719.71	20.0
2.180	3400.	2097.0	0.9	0.0	0.0	762.05	20.0
2.180	6200.	2099.5	2.4	0.0	0.0	877.52	20.0
2.250	1200.	2094.6	0.0	0.2	0.0	39.65	350.0
2.250	2560.	2096.3	1.7	0.2	0.0	540.04	350.0
2.250	3400.	2097.3	1.0	0.2	0.0	597.70	350.0
2.250	6200.	2099.7	2.4	0.2	0.0	734.59	350.0
2.300	1190.	2095.9	0.0	1.4	0.0	41.61	250.0
2.300	2500.	2097.9	1.9	1.6	0.0	595.49	250.0
2.300	3280.	2098.4	0.5	1.1	0.0	625.26	250.0
2.300	6100.	2100.3	1.9	0.6	0.0	732.12	250.0
2.400	1070.	2097.6	0.0	1.6	0.0	396.43	500.0
2.400	2250.	2098.9	1.4	1.1	0.0	471.58	500.0
2.400	2950.	2099.5	0.5	1.1	0.0	508.46	500.0
2.400	5500.	2101.1	1.7	0.9	0.0	561.85	500.0
2.620	1070.	2101.0	0.0	3.4	0.0	370.55	1250.0
2.620	2250.	2101.9	0.9	3.0	0.0	411.46	1250.0
2.620	2950.	2102.4	0.5	2.9	0.0	433.75	1250.0
2.620	5500.	2103.7	1.3	2.6	0.0	515.79	1250.0
2.920	950.	2104.9	0.0	3.9	0.0	477.57	1500.0
2.920	2000.	2105.9	1.1	4.0	0.0	565.97	1500.0
2.920	2680.	2106.4	0.5	4.0	0.0	621.10	1500.0
2.920	5000.	2107.6	1.2	3.9	0.0	702.13	1500.0
3.060	950.	2105.9	0.0	1.0	0.0	340.18	570.0
3.060	2000.	2107.0	1.1	1.1	0.0	477.43	570.0
3.060	2680.	2107.6	0.5	1.2	0.0	520.78	570.0
3.060	5000.	2108.8	1.3	1.2	0.0	588.19	570.0

SECNC	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TJWPID	XLCH
3.060	950.	2106.0	0.0	0.1	0.0	91.97	30.00
3.060	2000.	2107.1	1.1	0.0	0.0	93.75	30.00
3.060	2680.	2107.5	0.4	-0.1	0.0	94.46	30.00
3.060	5000.	2108.3	0.9	-0.5	0.0	95.90	30.00
3.060	950.	2106.0	0.0	0.0	0.0	92.04	80.00
3.060	2000.	2107.2	1.1	0.1	0.0	93.96	80.00
3.060	2680.	2107.7	0.5	0.2	0.0	94.80	80.00
3.060	5000.	2109.1	1.4	0.8	0.0	97.17	80.00
3.060	950.	2106.1	0.0	0.1	0.0	183.95	20.00
3.060	2000.	2107.5	1.4	0.4	0.0	212.39	20.00
3.060	2680.	2108.3	0.7	0.6	0.0	246.21	20.00
3.060	5000.	2110.4	2.2	1.3	0.0	319.13	20.00
3.200	910.	2109.0	0.0	2.8	0.0	42.75	750.00
3.200	1950.	2111.1	2.1	3.5	0.0	198.87	750.00
3.200	2540.	2111.8	0.8	3.6	0.0	214.60	750.00
3.200	4800.	2113.8	2.0	3.4	0.0	294.21	750.00
3.350	910.	2112.0	0.0	3.0	0.0	292.51	800.00
3.350	1950.	2113.5	1.5	2.4	0.0	396.45	800.00
3.350	2540.	2114.1	0.6	2.3	0.0	418.93	800.00
3.350	4800.	2115.9	1.8	2.1	0.0	453.59	800.00
3.600	910.	2116.0	0.0	4.0	0.0	392.73	1300.00
3.600	1950.	2116.9	0.9	3.4	0.0	475.15	1300.00
3.600	2540.	2117.3	0.4	3.2	0.0	496.80	1300.00
3.600	4800.	2118.7	1.4	2.8	0.0	571.44	1300.00
3.800	650.	2120.2	0.0	4.2	0.0	340.88	1100.00
3.800	1400.	2121.3	1.1	4.4	0.0	475.58	1100.00
3.800	1800.	2121.7	0.4	4.4	0.0	496.34	1100.00
3.800	3500.	2122.9	1.2	4.2	0.0	561.43	1100.00
4.120	540.	2126.0	0.0	5.8	0.0	72.02	1640.00
4.120	1130.	2127.2	1.2	5.8	0.0	289.50	1640.00
4.120	1500.	2127.6	0.4	5.9	0.0	328.75	1640.00
4.120	2950.	2128.9	1.3	6.0	0.0	377.08	1640.00
4.120	540.	2126.2	0.0	0.2	0.0	35.61	30.00
4.120	1130.	2127.4	1.2	0.2	0.0	38.00	30.00
4.120	1500.	2127.7	0.3	0.1	0.0	38.00	30.00
4.120	2950.	2129.1	1.5	0.3	0.0	387.95	30.00
4.120	540.	2126.2	0.0	0.0	0.0	35.62	30.00
4.120	1130.	2127.4	1.2	0.0	0.0	38.00	30.00
4.120	1500.	2127.8	0.5	0.1	0.0	38.00	30.00
4.120	2950.	2130.7	2.9	1.6	0.0	439.08	30.00
4.120	540.	2126.3	0.0	0.1	0.0	117.59	20.00
4.120	1130.	2127.8	1.5	0.4	0.0	336.70	20.00
4.120	1500.	2128.6	0.8	0.8	0.0	366.50	20.00
4.120	2950.	2130.8	2.2	0.0	0.0	440.24	20.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
4.150	540.	2127.0	0.0	0.7	0.0	33.19	150.00
4.150	1130.	2128.5	1.5	0.7	0.0	266.42	150.00
4.150	1500.	2129.2	0.7	0.6	0.0	331.71	150.00
4.150	2950.	2131.2	2.0	0.4	0.0	408.68	150.00
4.200	540.	2128.9	0.0	1.9	0.0	79.04	250.00
4.200	1130.	2130.5	1.6	2.0	0.0	480.75	250.00
4.200	1500.	2130.9	0.4	1.8	0.0	504.54	250.00
4.200	2950.	2132.2	1.3	1.1	0.0	593.48	250.00
4.430	540.	2134.1	0.0	5.2	0.0	203.92	1150.00
4.430	1130.	2135.3	1.2	4.8	0.0	494.01	1150.00
4.430	1500.	2135.8	0.5	4.9	0.0	528.28	1150.00
4.430	2950.	2137.0	1.2	4.8	0.0	604.02	1150.00
4.430	540.	2134.2	0.0	0.1	0.0	34.29	30.00
4.430	1130.	2135.3	1.1	-0.0	0.0	53.53	30.00
4.430	1500.	2135.7	0.4	-0.2	0.0	60.00	30.00
4.430	2950.	2138.3	2.6	1.3	0.0	591.46	30.00
4.430	540.	2134.2	0.0	0.0	0.0	34.29	300.00
4.430	1130.	2135.3	1.1	0.0	0.0	53.51	300.00
4.430	1500.	2135.7	0.4	0.0	0.0	60.00	300.00
4.430	2950.	2139.3	3.6	1.0	0.0	647.16	300.00
4.430	540.	2134.3	0.0	0.2	0.0	73.85	20.00
4.430	1130.	2135.9	1.6	0.6	0.0	234.06	20.00
4.430	1500.	2136.7	0.7	1.0	0.0	482.83	20.00
4.430	2950.	2139.4	2.7	0.0	0.0	649.17	20.00

SUMMARY OF ERRORS

TE SECNO= 1.670 PROFILE= 1 WSEL BASED ON X5 CARD
TE SECNO= 1.670 PROFILE= 2 WSEL BASED ON X5 CARD
UTION SECNO= 4.430 PROFILE= 4 CRITICAL DEPTH ASSUMED
UTION SECNO= 4.430 PROFILE= 4 MINIMUM SPECIFIC ENERGY

VILS FCRK

MARY PRINTOUT TABLE 150

SECD	XLCH	ELTRD	ELLC	ELMIN	Q	CMSEL	CRIMS	E:	10K*S	VCH	AREA	*JIK
0.150	0.	0.0	0.0	2070.1	1588.0	2081.90	0.0	2081.93	1.31	1.75	1476.89	1388.99
0.150	0.	0.0	0.0	2070.1	3276.0	2085.10	0.0	2085.12	0.83	1.77	3256.63	3606.62
0.150	0.	0.0	0.0	2070.1	4364.0	2086.80	0.0	2086.82	0.63	1.70	4638.03	5509.56
0.150	0.	0.0	0.0	2070.1	7752.0	2090.90	0.0	2090.92	0.39	1.63	8601.14	12417.92
0.150	50.	0.0	0.0	2069.3	1588.0	2081.78	0.0	2082.08	7.40	4.42	358.94	583.92
0.150	50.	0.0	0.0	2069.3	3276.0	2086.74	0.0	2085.51	14.21	7.04	465.63	868.91
0.150	50.	0.0	0.0	2069.3	4364.0	2086.27	0.0	2087.36	18.01	8.38	520.96	1028.41
0.150	50.	0.0	0.0	2069.3	7752.0	2090.90	0.0	2091.92	0.41	1.69	6644.69	12135.37
0.170	180.	2088.7	2082.7	2069.3	1586.0	2081.82	0.0	2082.12	7.28	4.40	360.45	587.72
0.170	180.	2088.7	2082.7	2069.3	3272.0	2085.60	0.0	2085.28	11.67	6.59	496.78	957.84
0.170	180.	2088.7	2082.7	2069.3	4359.0	2088.92	0.0	2088.93	0.21	1.11	5749.45	9611.64
0.170	180.	2088.7	2082.7	2069.3	7745.0	2091.53	0.0	2091.65	0.35	1.60	6973.43	13121.27
0.230	160.	0.0	0.0	2069.3	1581.0	2082.15	0.0	2082.16	0.29	0.95	2702.55	2927.14
0.230	160.	0.0	0.0	2069.3	3263.0	2086.34	0.0	2086.35	0.24	1.07	4580.68	6681.66
0.230	160.	0.0	0.0	2069.3	4345.0	2088.93	0.0	2088.94	0.20	1.11	5748.17	9608.21
0.230	160.	0.0	0.0	2069.3	7726.0	2091.63	0.0	2091.65	0.35	1.59	6975.76	13128.36
0.330	500.	0.0	0.0	2071.3	1573.0	2082.15	0.0	2082.22	3.72	2.88	1000.04	815.84
0.330	500.	0.0	0.0	2071.3	3247.0	2086.35	0.0	2085.39	1.85	2.59	2686.74	2385.11
0.330	500.	0.0	0.0	2071.3	4320.0	2088.93	0.0	2088.96	1.18	2.31	3977.17	3981.37
0.330	500.	0.0	0.0	2071.3	7694.0	2091.54	0.0	2091.69	1.59	2.97	5370.91	6106.68
0.380	250.	0.0	0.0	2072.1	1569.0	2082.26	0.0	2082.31	2.88	2.47	1421.75	923.77
0.380	250.	0.0	0.0	2072.1	3239.0	2086.41	0.0	2086.42	1.31	1.87	4035.73	3221.84
0.380	250.	0.0	0.0	2072.1	4308.0	2088.97	0.0	2088.98	0.63	1.65	5743.28	5424.57
0.380	250.	0.0	0.0	2072.1	7678.0	2091.70	0.0	2091.72	0.85	2.13	7636.94	8348.96
0.410	90.	0.0	0.0	2070.9	1567.0	2082.25	0.0	2082.38	5.24	3.41	747.61	684.50
0.410	90.	0.0	0.0	2070.9	3234.0	2086.39	0.0	2086.46	2.22	2.88	2714.90	2171.25
0.410	90.	0.0	0.0	2070.9	4301.0	2088.97	0.0	2089.00	1.38	2.27	5036.58	4147.73
0.410	90.	0.0	0.0	2070.9	7669.0	2091.70	0.0	2091.73	1.13	2.60	7807.43	7203.45
0.410	10.	2080.6	2079.4	2070.9	1567.0	2082.18	0.0	2082.47	47.05	4.96	517.29	228.44
0.410	10.	2080.6	2079.4	2070.9	3234.0	2086.43	0.0	2086.47	6.09	1.94	2516.57	1313.50
0.410	10.	2080.6	2079.4	2070.9	4301.0	2088.99	0.0	2089.00	2.05	1.32	4807.08	3002.66
0.410	10.	2080.6	2079.4	2070.9	7669.0	2091.72	0.0	2091.74	1.78	1.41	7579.84	5755.37

SECCO	XLCH	ELTRD	ELLC	EL41V	2	CMSEL	CRWS	EG	10K\$S	VCH	AREA	.01K
0.410	30.	2080.6	2079.4	2070.9	1567.0	2082.37	0.0	2082.60	40.53	4.62	565.60	246.15
0.410	30.	2080.6	2079.4	2070.9	3236.0	2086.48	0.0	2086.48	6.03	1.94	2526.83	1316.76
0.410	30.	2080.6	2079.4	2070.9	4301.0	2088.99	0.0	2089.01	2.04	1.32	4820.73	3014.38
0.410	30.	2083.6	2079.4	2070.9	7669.0	2091.72	0.0	2091.74	1.77	1.41	7593.66	5771.14
0.422	10.	0.0	0.0	2070.9	1567.0	2082.51	0.0	2082.63	5.70	3.22	825.63	656.39
0.420	10.	0.0	0.0	2070.9	3236.0	2086.44	0.0	2086.50	2.51	2.79	2759.84	2000.98
0.420	10.	0.0	0.0	2070.9	4301.0	2088.99	0.0	2089.02	1.23	2.16	5033.91	3874.67
0.420	10.	0.0	0.0	2070.9	7669.0	2091.72	0.0	2091.75	1.26	2.44	7826.27	6835.39
0.430	50.	0.0	0.0	2070.1	1567.0	2082.40	0.0	2082.82	12.74	5.29	322.97	439.04
0.430	50.	0.0	0.0	2070.1	3236.0	2086.18	0.0	2086.82	13.96	6.91	746.05	865.70
0.430	50.	0.0	0.0	2070.1	4301.0	2088.89	0.0	2089.15	6.29	5.24	2225.97	1715.38
0.430	50.	0.0	0.0	2070.1	7669.0	2091.65	0.0	2091.85	5.50	5.44	3922.29	3271.11
0.500	400.	0.0	0.0	2072.8	1560.0	2083.01	0.0	2083.32	12.32	4.90	483.38	450.94
0.500	400.	0.0	0.0	2072.8	3220.0	2086.97	0.0	2087.28	9.30	5.49	1074.03	1056.06
0.500	400.	0.0	0.0	2072.8	4280.0	2089.19	0.0	2089.37	5.61	4.74	2307.38	1807.40
0.500	400.	0.0	0.0	2072.8	7640.0	2091.89	0.0	2092.04	4.96	4.98	4110.70	3429.27
0.500	30.	0.0	0.0	2072.4	1560.0	2083.02	0.0	2083.38	11.35	4.84	322.11	463.13
0.500	30.	0.0	0.0	2072.4	3220.0	2086.92	0.0	2087.39	12.44	5.98	852.03	913.12
0.500	30.	0.0	0.0	2072.4	4280.0	2089.34	0.0	2089.39	1.55	2.81	3566.22	3435.92
0.500	30.	0.0	0.0	2072.4	7640.0	2091.98	0.0	2092.05	2.05	3.58	5203.25	5331.81
0.500	30.	2086.8	2082.8	2072.4	1560.0	2083.07	0.0	2083.43	11.15	4.82	323.96	467.16
0.500	30.	2086.8	2082.8	2072.4	3220.0	2087.04	0.0	2087.49	11.84	5.86	890.88	935.72
0.500	30.	2086.8	2082.8	2072.4	4280.0	2089.32	0.0	2089.59	8.05	5.19	1691.32	1538.12
0.500	30.	2086.8	2082.8	2072.4	7640.0	2092.15	0.0	2092.22	1.95	3.51	5315.36	5476.80
0.500	10.	0.0	0.0	2072.4	1560.0	2083.42	0.0	2083.47	1.91	2.30	1293.97	1129.01
0.500	10.	0.0	0.0	2072.4	3220.0	2087.47	0.0	2087.53	1.73	2.74	2563.44	2446.18
0.500	10.	0.0	0.0	2072.4	4280.0	2089.57	0.0	2089.62	1.43	2.73	3699.89	3577.88
0.500	10.	0.0	0.0	2072.4	7640.0	2092.15	0.0	2092.23	1.34	3.51	5316.55	5478.49
0.750	1130.	0.0	0.0	2073.5	1540.0	2083.57	0.0	2083.58	0.53	1.09	3155.58	2125.22
0.750	1130.	0.0	0.0	2073.5	3180.0	2087.60	0.0	2087.60	0.29	1.36	6450.14	5858.35
0.750	1130.	0.0	0.0	2073.5	4220.0	2089.58	0.0	2089.68	0.24	1.06	8490.50	8574.18
0.750	1130.	0.0	0.0	2073.5	7560.0	2092.30	0.0	2092.31	0.34	1.41	11251.41	12970.96
1.070	1700.	0.0	0.0	2071.3	1514.0	2083.74	0.0	2083.79	3.93	2.46	1510.83	763.61
1.070	1700.	0.0	0.0	2071.3	3128.0	2087.67	0.0	2087.68	0.67	1.31	7434.86	3814.48
1.070	1700.	0.0	0.0	2071.3	4143.0	2089.73	0.0	2089.74	0.48	1.25	10239.43	5974.38
1.070	1700.	0.0	0.0	2071.3	7458.0	2092.38	0.0	2092.39	0.61	1.59	14256.77	9568.20
1.490	2200.	0.0	0.0	2077.7	1400.0	2085.27	0.0	2085.89	32.01	6.31	222.43	247.46
1.490	2200.	0.0	0.0	2077.7	2902.0	2087.66	0.0	2088.55	36.67	8.09	671.43	479.24
1.490	2200.	0.0	0.0	2077.7	3814.0	2089.83	0.0	2091.21	15.75	6.14	1656.96	960.93
1.490	2200.	0.0	0.0	2077.7	6973.0	2092.52	0.0	2092.96	16.00	7.24	2723.38	1743.38
1.670	950.	0.0	0.0	2079.0	1400.0	2087.45	0.0	2087.67	11.95	4.09	617.02	404.95
1.670	950.	0.0	0.0	2079.0	2870.0	2089.96	0.0	2090.15	8.99	4.44	1728.42	957.44
1.670	950.	0.0	0.0	2079.0	3810.0	2091.13	0.0	2091.34	8.98	4.77	2196.70	1271.75
1.670	950.	0.0	0.0	2079.0	6900.0	2093.90	0.0	2094.15	9.83	5.78	3371.52	2200.73

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CASEL	CRWS	EG	10K\$	VCH	AREA	•OIK
1.670	30.	0.0	0.0	2080.2	1400.0	2087.39	0.0	2087.83	23.29	5.31	263.41	290.13
1.670	30.	0.0	0.0	2080.2	2870.0	2089.58	0.0	2092.63	40.48	8.23	348.82	451.08
1.670	30.	0.0	0.0	2080.2	3810.0	2090.53	0.0	2092.05	52.05	9.87	386.20	528.10
1.670	30.	0.0	0.0	2080.2	6900.0	2092.31	0.0	2095.88	103.07	15.15	455.38	679.64
1.670	30.	100000.0	100000.0	2080.1	1400.0	2090.20	0.0	2090.37	17.61	3.30	424.19	333.59
1.670	30.	100000.0	100000.0	2080.1	2870.0	2091.60	0.0	2092.15	49.53	5.94	483.00	407.80
1.670	30.	2094.6	2089.9	2080.1	3810.0	2092.08	0.0	2092.97	75.78	7.57	503.56	434.82
1.670	30.	2094.6	2089.9	2080.1	5900.0	2093.77	0.0	2096.01	168.56	12.02	574.17	531.46
1.670	20.	0.0	0.0	2080.7	1400.0	2090.24	0.0	2090.41	24.51	3.85	649.66	282.19
1.670	20.	0.0	0.0	2080.7	2870.0	2092.00	0.0	2092.26	34.39	5.17	1084.90	489.39
1.670	20.	0.0	0.0	2080.7	3810.0	2092.85	0.0	2093.14	37.74	5.72	1352.84	620.23
1.670	20.	0.0	0.0	2080.7	5900.0	2095.12	0.0	2096.32	23.82	5.41	2851.39	1413.87
1.900	1200.	0.0	0.0	2082.7	1400.0	2092.76	0.0	2092.88	17.42	3.37	764.13	335.46
1.900	1200.	0.0	0.0	2082.7	2840.0	2095.08	0.0	2095.22	18.44	4.05	1435.61	661.38
1.900	1200.	0.0	0.0	2082.7	3760.0	2096.11	0.0	2095.26	18.86	4.35	1824.40	865.86
1.900	1200.	0.0	0.0	2082.7	6810.0	2098.63	0.0	2098.77	17.63	4.76	3192.88	1621.93
2.180	1450.	0.0	0.0	2084.5	1200.0	2093.82	0.0	2093.83	3.06	1.17	1439.73	686.35
2.180	1450.	0.0	0.0	2084.5	2560.0	2095.90	0.0	2095.92	1.95	1.10	2816.90	1835.56
2.180	1450.	0.0	0.0	2084.5	3400.0	2096.89	0.0	2096.90	1.73	1.12	3537.89	2582.55
2.180	1450.	0.0	0.0	2084.5	6200.0	2099.32	0.0	2099.34	1.54	1.23	5518.88	5003.23
2.180	30.	0.0	0.0	2084.5	1200.0	2093.83	0.0	2093.84	3.03	1.17	1444.84	689.82
2.180	30.	0.0	0.0	2084.5	2560.0	2095.91	0.0	2095.92	1.94	1.10	2820.57	1839.12
2.180	30.	0.0	0.0	2084.5	3400.0	2096.89	0.0	2096.91	1.73	1.12	3541.49	2586.50
2.180	30.	0.0	0.0	2084.5	6200.0	2099.33	0.0	2099.35	1.53	1.23	5520.33	5005.97
2.180	30.	2093.8	2093.5	2084.5	1200.0	2094.32	0.0	2094.33	4.32	1.54	1753.55	540.79
2.180	30.	2093.8	2093.5	2084.5	2560.0	2096.09	0.0	2096.11	5.08	1.81	2959.77	1136.20
2.180	30.	2093.8	2093.5	2084.5	3400.0	2097.04	0.0	2097.06	4.77	1.88	3651.65	1556.08
2.180	30.	2093.8	2093.5	2084.5	5200.0	2099.46	0.0	2099.48	4.28	2.07	5636.39	2997.62
2.180	20.	0.0	0.0	2084.5	1200.0	2094.33	0.0	2094.34	4.93	1.54	1753.24	540.66
2.180	20.	0.0	0.0	2084.5	2560.0	2096.10	0.0	2096.12	5.09	1.81	2957.75	1135.06
2.180	20.	0.0	0.0	2084.5	3400.0	2097.05	0.0	2097.07	4.76	1.87	3656.30	1559.08
2.180	20.	0.0	0.0	2084.5	5200.0	2099.47	0.0	2099.49	4.27	2.07	5641.11	3001.42
2.250	350.	0.0	0.0	2085.8	1200.0	2094.56	0.0	2094.95	61.10	5.02	238.93	153.51
2.250	350.	0.0	0.0	2085.8	2560.0	2096.29	0.0	2096.86	86.07	6.70	722.58	275.95
2.250	350.	0.0	0.0	2085.8	3400.0	2097.29	0.0	2097.60	51.15	5.64	1299.43	475.37
2.250	350.	0.0	0.0	2085.8	6200.0	2099.70	0.0	2099.84	23.26	4.51	2903.25	1285.49
2.300	250.	0.0	0.0	2086.4	1190.0	2095.93	0.0	2096.23	42.86	4.41	270.08	181.78
2.300	250.	0.0	0.0	2086.4	2500.0	2097.86	0.0	2098.02	27.20	4.10	1276.32	479.35
2.300	250.	0.0	0.0	2086.4	3280.0	2098.38	0.0	2098.54	27.85	4.32	1595.90	621.56
2.300	250.	0.0	0.0	2086.4	6100.0	2100.26	0.0	2100.40	21.05	4.28	2871.45	1329.65
2.400	500.	0.0	0.0	2090.0	1070.0	2097.57	0.0	2097.63	18.36	2.53	683.88	249.70
2.400	500.	0.0	0.0	2090.0	2250.0	2098.94	0.0	2099.00	14.02	2.60	1275.30	600.89
2.400	500.	0.0	0.0	2090.0	2950.0	2099.47	0.0	2099.54	14.25	2.76	1532.34	781.51
2.400	500.	0.0	0.0	2090.0	5500.0	2101.13	0.0	2101.22	12.88	3.04	2422.15	1532.56

SECTO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRISW	EC	LOK*S	VCH	AREA	*OIK
2.620	1250.	0.0	0.0	2094.0	1070.0	2101.01	0.0	2101.16	47.47	3.76	471.57	155.31
2.620	1250.	0.0	0.0	2094.0	2500.0	2101.89	0.0	2102.06	50.43	4.37	813.85	316.85
2.620	1250.	0.0	0.0	2094.0	2950.0	2102.37	0.0	2102.54	46.49	4.44	1015.45	432.66
2.620	1250.	0.0	0.0	2094.0	5500.0	2103.70	0.0	2103.90	40.11	4.74	1648.53	868.40
2.520	1500.	0.0	0.0	2097.6	950.0	2104.88	0.0	2104.92	14.37	2.07	802.05	250.65
2.520	1500.	0.0	0.0	2097.6	2000.0	2105.94	0.0	2105.98	14.79	2.33	1342.98	519.97
2.520	1500.	0.0	0.0	2097.6	2680.0	2106.40	0.0	2106.45	15.62	2.53	1617.93	678.08
2.520	1500.	0.0	0.0	2097.6	5000.0	2107.63	0.0	2107.71	16.48	2.95	2447.26	1231.48
3.060	570.	0.0	0.0	2097.7	950.0	2105.89	0.0	2106.03	25.21	3.10	409.69	189.20
3.060	570.	0.0	0.0	2097.7	2000.0	2107.04	0.0	2107.20	29.95	3.85	884.32	365.46
3.060	570.	0.0	0.0	2097.7	2680.0	2107.55	0.0	2107.72	30.52	4.11	1141.63	484.30
3.060	570.	0.0	0.0	2097.7	5000.0	2108.84	0.0	2109.01	30.91	4.63	1873.69	899.28
3.060	30.	0.0	0.0	2098.2	950.0	2105.98	0.0	2106.17	65.50	3.47	273.52	116.41
3.060	30.	0.0	0.0	2098.2	2000.0	2107.05	0.0	2107.50	108.32	5.37	372.65	192.16
3.060	30.	0.0	0.0	2098.2	2680.0	2107.48	0.0	2108.13	139.89	6.49	412.76	226.59
3.060	30.	0.0	0.0	2098.2	5000.0	2108.34	0.0	2109.93	271.74	10.10	495.00	303.31
3.060	80.	2110.7	2108.5	2098.2	950.0	2106.03	0.0	2106.21	63.67	3.43	277.34	119.06
3.060	80.	2110.7	2108.5	2098.2	2000.0	2107.17	0.0	2107.59	98.19	5.21	384.17	201.83
3.060	80.	2110.7	2108.5	2098.2	2680.0	2107.68	0.0	2108.28	120.68	6.20	432.16	243.96
3.060	80.	2110.7	2108.5	2098.2	5000.0	2109.10	0.0	2111.30	174.58	8.79	568.58	378.42
3.060	20.	0.0	0.0	2098.2	950.0	2106.14	0.0	2106.29	25.24	3.26	379.81	185.46
3.060	20.	0.0	0.0	2098.2	2000.0	2107.53	0.0	2107.77	38.45	4.43	654.29	322.53
3.060	20.	0.0	0.0	2098.2	2680.0	2108.25	0.0	2109.51	41.25	4.83	821.83	417.27
3.060	20.	0.0	0.0	2098.2	5000.0	2110.45	0.0	2110.72	37.02	5.30	1442.40	821.75
3.200	750.	0.0	0.0	2102.4	910.0	2108.99	0.0	2109.30	62.74	4.49	202.56	114.88
3.200	750.	0.0	0.0	2102.4	1950.0	2111.08	0.0	2111.44	60.77	5.29	518.87	250.14
3.200	750.	0.0	0.0	2102.4	2540.0	2111.84	0.0	2112.19	57.29	5.45	677.28	335.59
3.200	750.	0.0	0.0	2102.4	4800.0	2113.80	0.0	2114.18	56.34	6.13	1182.59	639.52
3.350	800.	0.0	0.0	2104.2	910.0	2111.96	0.0	2112.04	21.28	2.79	478.45	197.28
3.350	800.	0.0	0.0	2104.2	1950.0	2113.51	0.0	2113.57	14.64	2.56	1015.61	509.70
3.350	800.	0.0	0.0	2104.2	2540.0	2114.10	0.0	2114.17	13.48	2.61	1261.02	691.85
3.350	800.	0.0	0.0	2104.2	4800.0	2115.88	0.0	2115.97	11.67	2.83	2037.74	1405.04
3.600	1300.	0.0	0.0	2107.8	910.0	2115.99	0.0	2116.16	50.69	3.84	463.93	127.82
3.600	1300.	0.0	0.0	2107.8	1950.0	2116.93	0.0	2117.11	69.95	4.68	892.27	243.84
3.600	1300.	0.0	0.0	2107.8	2540.0	2117.34	0.0	2117.53	64.41	4.94	1091.92	316.48
3.600	1300.	0.0	0.0	2107.8	4800.0	2118.70	0.0	2118.89	59.13	5.33	1815.61	640.70
3.800	1100.	0.0	0.0	2112.2	650.0	2120.23	0.0	2120.31	25.48	2.74	404.53	126.31
3.800	1100.	0.0	0.0	2112.2	1400.0	2121.33	0.0	2121.40	22.70	2.79	898.21	293.82
3.800	1100.	0.0	0.0	2112.2	1800.0	2121.73	0.0	2121.80	22.26	2.90	1087.88	381.49
3.800	1100.	0.0	0.0	2112.2	3500.0	2122.90	0.0	2122.98	23.56	3.39	1703.64	721.04
4.120	1640.	0.0	0.0	2120.1	540.0	2126.01	0.0	2126.24	54.93	3.79	146.40	72.86
4.120	1640.	0.0	0.0	2120.1	1130.0	2127.17	0.0	2127.53	81.78	5.18	358.52	124.96
4.120	1640.	0.0	0.0	2120.1	1500.0	2127.59	0.0	2127.96	84.06	5.56	491.19	163.60
4.120	1640.	0.0	0.0	2120.1	2990.0	2128.86	0.0	2129.19	76.07	6.09	935.32	338.23

SEGNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIMS	EG	10K*S	VCH	AREA	.0IK
4.120	30.	0.0	0.0	2120.1	540.0	2126.19	0.0	2126.39	49.03	3.63	148.57	77.12
4.120	30.	0.0	0.0	2120.1	1130.0	2127.35	0.0	2127.89	101.18	5.89	191.99	112.34
4.120	30.	0.0	0.0	2120.1	1500.0	2127.68	0.0	2128.52	145.02	7.33	204.55	124.56
4.120	30.	0.0	0.0	2120.1	2950.0	2129.14	0.0	2129.39	57.63	5.46	1043.55	388.59
4.120	30.	2129.6	2128.2	2120.1	540.0	2126.19	0.0	2126.39	35.01	3.63	148.58	89.99
4.120	30.	2129.6	2128.2	2120.1	1130.0	2127.35	0.0	2127.89	74.32	5.89	192.00	131.07
4.120	30.	2129.6	2128.2	2120.1	1500.0	2127.82	0.0	2128.62	98.12	7.15	209.80	151.43
4.120	30.	2129.6	2128.2	2120.1	2950.0	2130.75	0.0	2130.90	20.95	4.42	1712.00	544.52
4.120	20.	0.0	0.0	2120.1	540.0	2125.27	0.0	2125.45	33.52	3.53	170.95	93.27
4.120	20.	0.0	0.0	2120.1	1130.0	2127.80	0.0	2128.02	34.38	4.25	560.11	192.73
4.120	20.	0.0	0.0	2120.1	1500.0	2128.58	0.0	2128.77	28.52	4.23	832.88	283.89
4.120	20.	0.0	0.0	2120.1	2950.0	2130.79	0.0	2130.94	20.35	4.37	1731.64	653.90
4.150	150.	0.0	0.0	2121.6	540.0	2126.97	0.0	2127.26	81.49	4.36	123.73	59.82
4.150	150.	0.0	0.0	2121.6	1130.0	2128.51	0.0	2128.94	99.20	5.39	313.45	113.45
4.150	150.	0.0	0.0	2121.6	1500.0	2129.17	0.0	2129.50	76.14	5.34	516.66	171.90
4.150	150.	0.0	0.0	2121.6	2950.0	2131.18	0.0	2131.34	35.42	4.50	1258.57	495.70
4.200	250.	0.0	0.0	2123.0	540.0	2128.87	0.0	2129.06	63.19	4.03	204.26	67.93
4.200	250.	0.0	0.0	2123.0	1130.0	2130.51	0.0	2130.65	48.54	4.13	607.42	162.20
4.200	250.	0.0	0.0	2123.0	1500.0	2130.92	0.0	2131.06	51.21	4.38	809.30	205.62
4.200	250.	0.0	0.0	2123.0	2950.0	2132.23	0.0	2132.35	45.73	4.62	1531.03	436.24
4.430	1150.	0.0	0.0	2127.6	540.0	2134.12	0.0	2134.22	33.43	3.13	299.72	93.39
4.430	1150.	0.0	0.0	2127.6	1130.0	2135.35	0.0	2135.45	35.20	3.63	721.24	187.82
4.430	1150.	0.0	0.0	2127.6	1500.0	2135.83	0.0	2135.92	35.39	3.73	966.93	255.16
4.430	1150.	0.0	0.0	2127.6	2950.0	2137.02	0.0	2137.12	37.75	4.28	1648.09	480.13
4.430	30.	0.0	0.0	2129.0	540.0	2134.18	0.0	2134.44	69.98	4.12	130.92	64.55
4.430	30.	0.0	0.0	2129.0	1130.0	2135.30	0.0	2135.91	184.25	6.25	180.78	83.25
4.430	30.	0.0	0.0	2129.0	1500.0	2135.68	0.0	2136.53	257.49	7.40	202.61	93.48
4.430	30.	0.0	0.0	2129.0	2950.0	2138.29	0.0	2138.43	35.67	4.01	1556.79	493.92
4.430	300.	2138.4	2138.3	2129.0	540.0	2134.18	0.0	2134.44	69.96	4.12	130.93	64.56
4.430	300.	2138.4	2138.3	2129.0	1130.0	2135.31	0.0	2135.91	184.27	6.25	180.76	83.24
4.430	300.	2138.4	2138.3	2129.0	1500.0	2135.68	0.0	2136.53	258.29	7.41	202.42	93.33
4.430	300.	2138.4	2138.3	2129.0	2950.0	2139.32	0.0	2139.37	13.68	2.44	2196.35	902.60
4.430	20.	0.0	0.0	2129.1	540.0	2134.34	0.0	2134.62	105.77	4.83	156.20	52.51
4.430	20.	0.0	0.0	2129.1	1130.0	2135.95	0.0	2136.18	80.65	5.03	373.89	125.83
4.430	20.	0.0	0.0	2129.1	1500.0	2136.65	0.0	2136.82	61.01	4.64	625.07	192.04
4.430	20.	0.0	0.0	2129.1	2950.0	2139.35	0.0	2139.39	12.21	2.62	2172.55	844.24

DEVILS FORK

HENDERSONVILLE, N.C.

MILE	500-YEAR FLOOD		100-YEAR FLOOD		50-YEAR FLOOD		10-YEAR FLOOD	
	Q	ELEV	Q	ELEV	Q	ELEV	Q	ELEV
0.150	7752.	2090.9	4304.	2086.8	3276.	2085.1	1588.	2081.9
0.150	7752.	2090.9	4304.	2086.3	3276.	2084.7	1588.	2081.8
0.170	7745.	2091.6	4359.	2088.9	3272.	2085.6	1586.	2081.8
0.230	7726.	2091.6	4345.	2088.9	3263.	2086.3	1581.	2082.2
0.330	7694.	2091.6	4320.	2088.9	3247.	2086.3	1573.	2082.1
0.380	7678.	2091.7	4308.	2089.0	3239.	2086.4	1569.	2082.3
0.410	7669.	2091.7	4301.	2089.0	3234.	2086.4	1567.	2082.2
0.410	7669.	2091.7	4301.	2089.0	3234.	2086.5	1567.	2082.4
0.420	7669.	2091.7	4301.	2089.0	3234.	2086.4	1567.	2082.5
0.430	7669.	2091.6	4301.	2088.9	3234.	2086.2	1567.	2082.4
0.500	7640.	2091.9	4280.	2089.2	3220.	2087.0	1560.	2083.0
0.500	7640.	2092.2	4280.	2089.6	3220.	2087.5	1560.	2083.4
0.750	7560.	2092.3	4220.	2089.7	3180.	2087.6	1540.	2083.6
1.070	7458.	2092.4	4143.	2089.7	3128.	2087.7	1514.	2083.7
1.490	6973.	2092.5	3814.	2089.8	2902.	2087.7	1400.	2085.3
1.670	6900.	2093.9	3810.	2091.1	2870.	2090.0	1400.	2087.4
1.670	6900.	2096.1	3810.	2092.8	2870.	2092.0	1400.	2090.2
1.900	6810.	2098.6	3700.	2096.1	2840.	2095.1	1400.	2092.8
2.180	6200.	2099.3	3400.	2096.9	2560.	2095.9	1200.	2093.8
2.180	6200.	2099.5	3400.	2097.0	2560.	2096.1	1200.	2094.3
2.250	6200.	2099.7	3400.	2097.3	2560.	2096.3	1200.	2094.6
2.300	6100.	2100.3	3280.	2098.4	2500.	2097.9	1190.	2095.9
2.400	5500.	2101.1	2950.	2099.5	2250.	2098.9	1070.	2097.6
2.620	5500.	2103.7	2950.	2102.4	2250.	2101.9	1070.	2101.0
2.920	5000.	2107.6	2680.	2106.4	2000.	2105.9	950.	2104.9
3.060	5000.	2108.8	2680.	2107.6	2000.	2107.0	950.	2105.9
3.060	5000.	2110.4	2680.	2108.3	2000.	2107.5	950.	2106.1
3.200	4800.	2112.0	2500.	2111.0	1850.	2110.0	950.	2108.0

3.350	4800.	2115.9	2540.	2114.1	1950.	2113.5	910.	2112.0
3.600	4800.	2118.7	2540.	2117.3	1950.	2116.9	910.	2116.0
3.800	3500.	2122.9	1800.	2121.7	1400.	2121.3	650.	2120.2
4.100	2950.	2128.9	1500.	2127.6	1130.	2127.2	540.	2126.0
4.120	2950.	2130.8	1500.	2128.6	1130.	2127.8	540.	2126.3
4.150	2950.	2131.2	1500.	2129.2	1130.	2128.5	540.	2127.0
4.200	2950.	2132.2	1500.	2130.9	1130.	2130.5	540.	2128.9
4.430	2950.	2137.0	1500.	2135.8	1130.	2135.3	540.	2134.1
4.430	2950.	2139.4	1500.	2136.7	1130.	2135.9	540.	2134.3