

HOOPEERS

CREEK

GD6

THIS RUN EXECUTED 08/2

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

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

HOOPERS CREEK

SUMMARY PRINTOUT TABLE 150

SECCO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRUS	CG	10K*8
0.220	0.	0.0	0.0	2067.6	2060.0	2077.66	0.0	2077.70	10.11
0.220	0.	0.0	0.0	2067.6	3450.0	2078.34	0.0	2078.38	9.95
0.220	0.	0.0	0.0	2067.6	4150.0	2078.62	0.0	2078.66	9.89
0.220	0.	0.0	0.0	2067.6	5600.0	2079.10	0.0	2079.15	10.01
0.860	3400.	0.0	0.0	2077.5	1950.0	2084.68	0.0	2085.06	82.59
0.860	3400.	0.0	0.0	2077.5	3060.0	2085.18	2084.23	2086.08	115.87
0.860	3400.	0.0	0.0	2077.5	3690.0	2085.48	2085.10	2084.49	127.99
0.860	3400.	0.0	0.0	2077.5	4950.0	2086.03	2085.81	2087.24	143.10
1.140	1400.	0.0	0.0	2080.8	1760.0	2089.48	0.0	2089.62	16.10
1.140	1400.	0.0	0.0	2080.8	2940.0	2090.87	0.0	2091.03	16.22
1.140	1400.	0.0	0.0	2080.8	3540.0	2091.45	0.0	2091.62	16.24
1.140	1400.	0.0	0.0	2080.8	4760.0	2092.42	0.0	2092.51	16.62
1.250	600.	0.0	0.0	2082.7	1740.0	2090.98	0.0	2091.26	51.56
1.250	600.	0.0	0.0	2082.7	2900.0	2092.19	0.0	2092.37	54.23
1.250	600.	0.0	0.0	2082.7	3490.0	2092.71	0.0	2092.87	29.85
1.250	600.	0.0	0.0	2082.7	4700.0	2093.65	0.0	2093.78	24.89
1.370	680.	0.0	0.0	2084.5	1700.0	2092.83	0.0	2092.90	10.79
1.370	680.	0.0	0.0	2084.5	2840.0	2093.78	0.0	2093.85	10.74
1.370	680.	0.0	0.0	2084.5	3430.0	2094.21	0.0	2094.28	10.55
1.370	680.	0.0	0.0	2084.5	4610.0	2095.01	0.0	2095.08	10.04
1.420	200.	0.0	0.0	2086.1	1700.0	2093.01	0.0	2093.50	49.92
1.420	200.	0.0	0.0	2086.1	2820.0	2094.00	0.0	2094.33	39.12
1.420	200.	0.0	0.0	2086.1	3400.0	2094.43	0.0	2094.74	37.37
1.420	200.	0.0	0.0	2086.1	4580.0	2095.23	0.0	2095.49	33.59
1.500	400.	0.0	0.0	2087.7	1670.0	2094.89	0.0	2095.31	40.67
1.500	400.	0.0	0.0	2087.7	2990.0	2095.57	0.0	2095.91	39.52
1.500	400.	0.0	0.0	2087.7	3340.0	2095.95	0.0	2096.27	38.99
1.500	400.	0.0	0.0	2087.7	4500.0	2096.64	0.0	2096.94	38.08
1.580	400.	0.0	0.0	2087.9	1650.0	2096.21	0.0	2096.47	21.21
1.580	400.	0.0	0.0	2087.9	2750.0	2096.74	0.0	2096.87	19.47
1.580	400.	0.0	0.0	2087.9	3500.0	2097.12	0.0	2097.25	16.11
1.580	400.	0.0	0.0	2087.9	4750.0	2097.80	0.0	2097.94	17.12

SECNO	XLCH	ELTRD	ELLC	ELMIM	Q	CMSEL	CRIMS	EG	10K+S
1.580	50.	0.0	0.0	2086.9	1650.0	2096.27	0.0	2096.65	30.68
1.580	50.	0.0	0.0	2086.9	2750.0	2096.46	0.0	2097.44	78.73
1.580	50.	0.0	0.0	2086.9	3300.0	2096.71	0.0	2098.00	107.10
1.580	50.	0.0	0.0	2086.9	4450.0	2097.92	0.0	2098.04	20.33
1.580	30.	2098.4	2097.4	2086.9	1650.0	2096.33	0.0	2096.70	29.74
1.580	30.	2098.4	2097.4	2086.9	2750.0	2097.39	0.0	2098.09	60.93
1.580	30.	2098.4	2097.4	2086.9	3300.0	2098.87	0.0	2098.91	5.58
1.580	30.	2098.4	2097.4	2086.9	4450.0	2099.68	0.0	2099.73	6.08
D 1.580	20.	0.0	0.0	2087.9	1650.0	2096.72	0.0	2096.75	3.20
1.580	20.	0.0	0.0	2087.9	2750.0	2098.14	0.0	2098.17	2.61
1.580	20.	0.0	0.0	2087.9	3300.0	2098.89	0.0	2098.91	2.22
1.580	20.	0.0	0.0	2087.9	4450.0	2099.71	0.0	2099.74	2.45
1.620	170.	0.0	0.0	2088.4	1640.0	2096.82	2095.01	2097.53	114.27
1.620	170.	0.0	0.0	2088.4	2730.0	2098.14	0.0	2098.40	53.52
1.620	170.	0.0	0.0	2088.4	3290.0	2098.93	0.0	2099.05	24.98
1.620	170.	0.0	0.0	2088.4	4430.0	2099.76	0.0	2099.85	16.90
E 1.760	730.	0.0	0.0	2088.4	1630.0	2098.88	0.0	2098.91	6.96
1.760	730.	0.0	0.0	2088.4	2720.0	2099.61	0.0	2099.64	7.98
1.760	730.	0.0	0.0	2088.4	3280.0	2099.97	0.0	2100.01	7.91
1.760	730.	0.0	0.0	2088.4	4420.0	2100.62	0.0	2100.66	7.78
2.100	1580.	0.0	0.0	2095.7	1600.0	2101.30	0.0	2102.34	201.33
2.100	1580.	0.0	0.0	2095.7	2690.0	2102.19	2102.04	2104.03	302.17
2.100	1580.	0.0	0.0	2095.7	3230.0	2102.93	2102.93	2104.44	256.06
2.100	1580.	0.0	0.0	2095.7	4350.0	2104.20	2104.20	2105.40	193.31
2.210	550.	0.0	0.0	2096.2	1600.0	2104.76	0.0	2104.92	19.47
2.210	550.	0.0	0.0	2096.2	2690.0	2106.22	0.0	2106.36	14.42
2.210	550.	0.0	0.0	2096.2	3230.0	2106.68	0.0	2106.80	13.81
2.210	550.	0.0	0.0	2096.2	4340.0	2107.31	0.0	2107.44	15.20
2.210	40.	0.0	0.0	2096.2	1600.0	2104.80	0.0	2105.07	29.14
2.210	40.	0.0	0.0	2096.2	2690.0	2106.11	0.0	2106.63	41.99
2.210	40.	0.0	0.0	2096.2	3230.0	2106.50	0.0	2107.16	50.90
2.210	40.	0.0	0.0	2096.2	4340.0	2106.96	0.0	2108.02	75.72
2.210	30.	2109.7	2107.9	2096.6	1600.0	2104.82	0.0	2105.07	29.60
2.210	30.	2109.7	2107.9	2096.6	2690.0	2106.16	0.0	2106.63	38.83
2.210	30.	2109.7	2107.9	2096.6	3230.0	2106.56	0.0	2107.16	45.81
2.210	30.	2109.7	2107.9	2096.6	4340.0	2107.08	0.0	2108.02	65.05
F 2.210	10.	0.0	0.0	2096.6	1600.0	2104.87	0.0	2105.10	27.96
2.210	10.	0.0	0.0	2096.6	2690.0	2106.44	0.0	2106.67	25.52
2.210	10.	0.0	0.0	2096.6	3230.0	2106.98	0.0	2107.23	22.79
2.210	10.	0.0	0.0	2096.6	4340.0	2107.85	0.0	2108.12	23.09
G 2.620	2050.	0.0	0.0	2102.4	1570.0	2111.06	0.0	2111.23	32.01
2.620	2050.	0.0	0.0	2102.4	2630.0	2112.07	0.0	2112.24	31.71
2.620	2050.	0.0	0.0	2102.4	3190.0	2112.49	0.0	2112.66	31.20
2.620	2050.	0.0	0.0	2102.4	4280.0	2113.24	0.0	2113.41	28.96

SECNO	XLCH	ELTRC	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K+S
2.800	1850.	0.0	0.0	2107.1	1570.0	2115.37	0.0	2115.46	17.78
2.800	1850.	0.0	0.0	2107.1	2610.0	2116.26	0.0	2116.35	17.17
2.800	1850.	0.0	0.0	2107.1	3180.0	2116.64	0.0	2116.74	17.23
2.800	1850.	0.0	0.0	2107.1	4250.0	2117.28	0.0	2117.39	17.49
3.030	1150.	0.0	0.0	2110.0	1550.0	2118.03	0.0	2118.28	33.77
3.030	1150.	0.0	0.0	2110.0	2600.0	2118.94	0.0	2119.19	35.99
3.030	1150.	0.0	0.0	2110.0	3160.0	2119.34	0.0	2119.60	36.33
3.030	1150.	0.0	0.0	2110.0	4210.0	2120.02	0.0	2120.27	36.71
3.250	500.	0.0	0.0	2112.2	1520.0	2120.10	0.0	2120.55	54.64
3.250	500.	0.0	0.0	2112.2	2570.0	2121.33	2118.62	2122.11	79.30
3.250	500.	0.0	0.0	2112.2	3130.0	2121.77	2121.33	2122.58	81.09
3.250	500.	0.0	0.0	2112.2	4170.0	2122.62	0.0	2123.14	75.22
3.570	1610.	0.0	0.0	2120.7	1250.0	2128.85	0.0	2129.17	53.51
3.570	1610.	0.0	0.0	2120.7	2100.0	2130.10	0.0	2130.31	35.30
3.570	1610.	0.0	0.0	2120.7	2570.0	2130.51	0.0	2130.72	34.93
3.570	1610.	0.0	0.0	2120.7	3420.0	2131.03	0.0	2131.27	38.13
3.570	40.	0.0	0.0	2121.1	1250.0	2129.17	0.0	2129.31	20.09
3.570	40.	0.0	0.0	2121.1	2100.0	2130.20	0.0	2130.48	31.15
3.570	40.	0.0	0.0	2121.1	2570.0	2130.58	0.0	2130.94	38.48
3.570	40.	0.0	0.0	2121.1	3420.0	2131.22	0.0	2131.38	20.20
3.570	30.	2131.1	2130.0	2121.1	1250.0	2129.18	0.0	2129.32	19.91
3.570	30.	2131.1	2130.0	2121.1	2100.0	2130.80	0.0	2131.03	23.07
3.570	30.	2131.1	2130.0	2121.1	2570.0	2131.47	0.0	2131.75	25.42
3.570	30.	2131.1	2130.0	2121.1	3420.0	2132.55	0.0	2132.63	8.33
3.570	10.	0.0	0.0	2120.7	1250.0	2129.17	0.0	2129.39	36.70
3.570	10.	0.0	0.0	2120.7	2100.0	2130.96	0.0	2131.06	15.32
3.570	10.	0.0	0.0	2120.7	2570.0	2131.70	0.0	2131.79	12.38
3.570	10.	0.0	0.0	2120.7	3420.0	2132.55	0.0	2132.64	11.73
3.700	650.	0.0	0.0	2121.4	1230.0	2130.70	0.0	2130.77	13.67
3.700	650.	0.0	0.0	2121.4	2090.0	2131.88	0.0	2131.96	12.58
3.700	650.	0.0	0.0	2121.4	2540.0	2132.48	0.0	2132.56	11.40
3.700	650.	0.0	0.0	2121.4	3400.0	2133.30	0.0	2133.39	11.25
3.800	530.	0.0	0.0	2124.9	1210.0	2132.02	2130.50	2132.84	149.89
3.800	530.	0.0	0.0	2124.9	2070.0	2133.08	2133.01	2133.92	142.89
3.800	530.	0.0	0.0	2124.9	2500.0	2133.57	0.0	2134.25	115.79
3.800	530.	0.0	0.0	2124.9	3350.0	2134.37	0.0	2134.86	84.09
4.030	1020.	0.0	0.0	2128.2	1180.0	2136.92	0.0	2137.05	19.31
4.030	1020.	0.0	0.0	2128.2	2000.0	2137.95	0.0	2138.10	20.47
4.030	1020.	0.0	0.0	2128.2	2450.0	2138.25	0.0	2138.43	23.12
4.030	1020.	0.0	0.0	2128.2	3280.0	2138.73	0.0	2138.95	27.06
4.300	1400.	0.0	0.0	2135.8	1140.0	2140.98	0.0	2141.16	52.00
4.300	1400.	0.0	0.0	2135.8	1960.0	2141.98	0.0	2142.19	46.78
4.300	1400.	0.0	0.0	2135.8	2380.0	2142.44	0.0	2142.63	42.49
4.300	1400.	0.0	0.0	2135.8	3180.0	2143.14	0.0	2143.34	38.06

K04

SECNO	XLCH	ELTRD	ELLC	ELMIN	a	CWSEL	CRWS	EG	10K*5	
L	4.360	300.	0.0	0.0	2138.8	1130.0	2143.28	0.0	2143.70	141.84
	4.360	300.	0.0	0.0	2138.8	1950.0	2144.07	0.0	2144.56	136.33
	4.360	300.	0.0	0.0	2138.8	2370.0	2144.37	0.0	2144.90	137.25
	4.360	300.	0.0	0.0	2138.8	3150.0	2144.89	0.0	2145.46	134.12
	4.450	500.	0.0	0.0	2141.4	1120.0	2148.24	0.0	2148.72	73.86
	4.450	500.	0.0	0.0	2141.4	1920.0	2149.40	0.0	2150.13	88.84
	4.450	500.	0.0	0.0	2141.4	2330.0	2149.86	0.0	2150.59	94.11
	4.450	500.	0.0	0.0	2141.4	3130.0	2150.57	0.0	2151.60	104.88
	4.500	400.	0.0	0.0	2143.6	1120.0	2150.87	0.0	2151.27	55.40
	4.500	400.	0.0	0.0	2143.6	1920.0	2152.40	0.0	2152.94	56.57
	4.500	400.	0.0	0.0	2143.6	2330.0	2153.01	0.0	2153.61	57.24
	4.500	400.	0.0	0.0	2143.6	3130.0	2154.01	0.0	2154.68	57.88
M	4.620	800.	0.0	0.0	2146.8	1120.0	2154.80	0.0	2154.91	37.79
	4.620	800.	0.0	0.0	2146.8	1920.0	2155.24	0.0	2156.64	38.17
	4.620	800.	0.0	0.0	2146.8	2330.0	2155.90	0.0	2157.33	38.27
	4.620	800.	0.0	0.0	2146.8	3130.0	2157.26	0.0	2158.43	38.38
N	4.780	900.	0.0	0.0	2157.6	1090.0	2161.32	2151.04	2162.29	254.93
	4.780	900.	0.0	0.0	2157.6	1890.0	2162.61	0.0	2163.91	218.05
	4.780	900.	0.0	0.0	2157.6	2280.0	2163.13	0.0	2164.58	212.32
	4.780	900.	0.0	0.0	2157.6	3060.0	2164.01	0.0	2165.79	210.80

HOOPERS CREEK

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	ZLCH
0.220	2060.	2077.7	0.0	0.0	0.0	1361.20	0.0
0.220	3450.	2078.3	0.7	0.0	0.0	1503.32	0.0
0.220	4150.	2078.6	0.3	0.0	0.0	1542.90	0.0
0.220	5600.	2079.1	0.5	0.0	0.0	1580.42	0.0
0.860	1950.	2084.5	0.0	6.8	0.0	149.26	3400.00
0.860	3060.	2085.2	0.7	6.8	0.0	276.14	3400.00
0.860	3690.	2085.5	0.3	6.9	0.0	281.94	3400.00
0.860	4950.	2086.0	0.6	6.9	0.0	289.90	3400.00
1.140	1760.	2089.5	0.0	5.0	0.0	291.94	1400.00
1.140	2940.	2090.9	1.4	5.7	0.0	327.42	1400.00
1.140	3540.	2091.4	0.6	6.0	0.0	360.78	1400.00
1.140	4760.	2092.4	1.0	6.4	0.0	384.49	1400.00
1.250	1740.	2091.0	0.0	1.5	0.0	563.74	600.00
1.250	2900.	2092.2	1.2	1.3	0.0	638.70	600.00
1.250	3490.	2092.7	0.5	1.3	0.0	657.27	600.00
1.250	4700.	2093.6	0.9	1.2	0.0	690.02	600.00
1.370	1700.	2092.8	0.0	1.9	0.0	631.93	680.00
1.370	2840.	2093.8	1.0	1.6	0.0	663.98	680.00
1.370	3430.	2094.2	0.4	1.5	0.0	674.96	680.00
1.370	4610.	2095.0	0.8	1.4	0.0	689.19	680.00
1.420	1700.	2093.0	0.0	0.2	0.0	67.31	200.00
1.420	2820.	2094.0	1.0	0.2	0.0	797.93	200.00
1.420	3400.	2094.4	0.4	0.2	0.0	814.16	200.00
1.420	4580.	2095.2	0.8	0.2	0.0	844.04	200.00
1.500	1670.	2094.9	0.0	1.9	0.0	68.80	400.00
1.500	2790.	2095.6	0.7	1.6	0.0	795.15	400.00
1.500	3340.	2096.0	0.4	1.5	0.0	811.07	400.00
1.500	4500.	2096.6	0.7	1.4	0.0	836.83	400.00
1.580	1650.	2096.2	0.0	1.3	0.0	74.87	400.00
1.580	2750.	2096.7	0.5	1.2	0.0	833.17	400.00
1.580	3300.	2097.1	0.4	1.2	0.0	847.67	400.00
1.580	4450.	2097.8	0.7	1.2	0.0	868.29	400.00
1.580	1650.	2096.3	0.0	0.1	0.0	60.21	50.00
1.580	2750.	2096.5	0.2	-0.3	0.0	61.70	50.00
1.580	3300.	2096.7	0.2	-0.4	0.0	66.39	50.00
1.580	4450.	2097.9	1.2	0.1	0.0	871.78	50.00
1.580	1650.	2096.3	0.0	0.1	0.0	60.33	30.00
1.580	2750.	2097.4	1.1	0.9	0.0	79.04	30.00
1.580	3300.	2098.9	1.5	2.2	0.0	894.66	30.00
1.580	4450.	2099.7	0.8	1.8	0.0	905.80	30.00
1.580	1650.	2096.7	0.0	0.4	0.0	835.14	20.00
1.580	2750.	2098.1	1.4	0.8	0.0	877.55	20.00

M04

1.580	3300.	2098.9	0.7	0.0	0.0	894.96	20.00
1.580	4450.	2099.7	0.8	0.0	0.0	906.16	20.00

A05

SECHO	Q	CMSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
1.620	1640.	2096.8	0.0	0.1	0.0	325.15	170.00
1.620	2730.	2098.1	1.3	0.0	0.0	724.46	170.00
1.620	3290.	2098.9	0.8	0.0	0.0	801.08	170.00
1.620	4430.	2099.8	0.8	0.1	0.0	845.50	170.00
1.760	1630.	2098.9	0.0	2.1	0.0	778.35	730.00
1.760	2720.	2099.6	0.7	1.3	0.0	837.92	730.00
1.760	3280.	2100.0	0.4	1.0	0.0	852.20	730.00
1.760	4420.	2100.6	0.7	0.7	0.0	874.60	730.00
2.100	1600.	2101.3	0.0	2.4	0.0	53.64	1580.00
2.100	2690.	2102.2	0.9	2.6	0.0	88.08	1580.00
2.100	3230.	2102.9	0.7	3.0	0.0	129.25	1580.00
2.100	4350.	2104.2	1.3	3.6	0.0	319.19	1580.00
2.210	1600.	2104.8	0.0	3.5	0.0	323.32	550.00
2.210	2690.	2106.2	1.5	4.0	0.0	505.34	550.00
2.210	3230.	2106.7	0.5	3.7	0.0	524.90	550.00
2.210	4340.	2107.3	0.6	3.1	0.0	550.27	550.00
2.210	1600.	2104.8	0.0	0.0	0.0	66.00	40.00
2.210	2690.	2106.1	1.3	-0.1	0.0	66.00	40.00
2.210	3230.	2106.5	0.4	-0.2	0.0	66.00	40.00
2.210	4340.	2107.0	0.5	-0.3	0.0	66.00	40.00
2.210	1600.	2104.8	0.0	0.0	0.0	79.00	30.00
2.210	2690.	2106.2	1.3	0.0	0.0	79.00	30.00
2.210	3230.	2106.6	0.4	0.1	0.0	79.00	30.00
2.210	4340.	2107.1	0.5	0.1	0.0	79.00	30.00
2.210	1600.	2104.9	0.0	0.1	0.0	195.82	10.00
2.210	2690.	2106.4	1.6	0.3	0.0	282.67	10.00
2.210	3230.	2107.0	0.5	0.4	0.0	300.39	10.00
2.210	4340.	2107.9	0.9	0.8	0.0	332.15	10.00
2.620	1570.	2111.1	0.0	6.2	0.0	310.71	2050.00
2.620	2630.	2112.1	1.0	5.6	0.0	399.52	2050.00
2.620	3190.	2112.5	0.4	5.5	0.0	425.48	2050.00
2.620	4280.	2113.2	0.7	5.4	0.0	465.86	2050.00
2.800	1570.	2115.4	0.0	4.3	0.0	462.75	1850.00
2.800	2610.	2116.3	0.9	4.2	0.0	500.82	1850.00
2.800	3180.	2116.6	0.4	4.2	0.0	516.04	1850.00
2.800	4250.	2117.3	0.6	4.0	0.0	524.65	1850.00
3.030	1550.	2118.0	0.0	2.7	0.0	452.85	1150.00
3.030	2600.	2118.9	0.9	2.7	0.0	491.76	1150.00
3.030	3160.	2119.3	0.4	2.7	0.0	509.09	1150.00
3.030	4210.	2120.0	0.7	2.7	0.0	522.29	1150.00
3.250	1520.	2120.1	0.0	2.1	0.0	50.59	500.00
3.250	2570.	2121.3	1.2	2.4	0.0	257.78	500.00
3.250	3130.	2121.8	0.4	2.4	0.0	438.57	500.00
3.250	4170.	2122.4	0.7	2.4	0.0	527.68	500.00

805

SECHO	Q	CWSEL	DIFWSP	DIFWSX	DIFKVS	TOPWID	XLCH
3.570	1250.	2128.9	0.0	8.8	0.0	249.68	1610.00
3.570	2100.	2130.1	1.3	8.8	0.0	318.57	1610.00
3.570	2570.	2130.5	0.4	8.7	0.0	329.93	1610.00
3.570	3420.	2131.0	0.5	8.6	0.0	344.49	1610.00
3.570	1250.	2129.2	0.0	0.3	0.0	80.00	40.00
3.570	2100.	2130.2	1.0	0.1	0.0	80.00	40.00
3.570	2570.	2130.6	0.4	0.1	0.0	80.00	40.00
3.570	3420.	2131.2	0.6	0.2	0.0	349.79	40.00
3.570	1250.	2129.2	0.0	0.0	0.0	80.00	30.00
3.570	2100.	2130.8	1.6	0.6	0.0	80.00	30.00
3.570	2570.	2131.5	0.7	0.9	0.0	80.00	30.00
3.570	3420.	2132.5	1.1	1.3	0.0	377.23	30.00
3.570	1250.	2129.2	0.0	-0.0	0.0	292.48	10.00
3.570	2100.	2131.0	1.8	0.2	0.0	342.49	10.00
3.570	2570.	2131.7	0.7	0.2	0.0	351.65	10.00
3.570	3420.	2132.6	0.8	0.0	0.0	377.46	10.00
3.700	1230.	2130.7	0.0	1.5	0.0	315.41	650.00
3.700	2090.	2131.9	1.2	0.9	0.0	348.49	650.00
3.700	2540.	2132.5	0.5	0.5	0.0	362.66	650.00
3.700	3400.	2133.3	0.8	0.8	0.0	378.57	650.00
3.800	1210.	2132.0	0.0	1.3	0.0	118.50	530.00
3.800	2070.	2133.1	1.1	1.2	0.0	253.43	530.00
3.800	2500.	2133.6	0.5	1.1	0.0	297.94	530.00
3.800	3350.	2134.4	0.3	1.1	0.0	320.32	530.00
4.030	1180.	2136.9	0.0	4.9	0.0	223.67	1020.00
4.030	2000.	2137.9	1.0	4.9	0.0	345.37	1020.00
4.030	2450.	2138.2	0.3	4.7	0.0	349.59	1020.00
4.030	3280.	2138.7	0.5	4.4	0.0	356.34	1020.00
4.300	1140.	2141.0	0.0	4.1	0.0	220.48	1400.00
4.300	1960.	2142.0	1.0	4.0	0.0	288.00	1400.00
4.300	2380.	2142.4	0.5	4.2	0.0	372.14	1400.00
4.300	3180.	2143.1	0.7	4.4	0.0	391.49	1400.00
4.360	1130.	2143.3	0.0	2.3	0.0	177.43	300.00
4.360	1950.	2144.1	0.8	2.1	0.0	224.80	300.00
4.360	2370.	2144.4	0.3	1.9	0.0	240.67	300.00
4.360	3150.	2144.9	0.5	1.7	0.0	277.74	300.00
4.450	1120.	2148.2	0.0	5.0	0.0	77.66	500.00
4.450	1920.	2149.4	1.2	5.3	0.0	105.37	500.00
4.450	2330.	2149.9	0.5	5.5	0.0	117.98	500.00
4.450	3130.	2150.6	0.7	5.7	0.0	138.03	500.00
4.500	1120.	2150.9	0.0	2.6	0.0	86.85	400.00
4.500	1920.	2152.4	1.5	3.0	0.0	127.14	400.00
4.500	2330.	2153.0	0.6	3.1	0.0	147.86	400.00
4.500	3130.	2154.0	1.0	3.4	0.0	196.40	400.00

EOS

SECNO	Q	WSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
4.620	1120.	2154.6	0.0	3.7	0.0	100.22	800.00
4.620	1920.	2156.2	1.6	3.8	0.0	149.11	300.00
4.620	2330.	2156.9	0.7	3.9	0.0	187.73	800.00
4.620	3130.	2158.0	1.1	3.9	0.0	219.41	800.00
4.780	1090.	2161.3	0.0	6.7	0.0	60.67	900.00
4.780	1890.	2162.6	1.3	6.4	0.0	66.09	900.00
4.780	2280.	2163.1	0.5	6.2	0.0	68.27	900.00
4.780	3060.	2164.0	0.9	6.0	0.0	71.98	900.00

SUMMARY OF ERRORS

NOTE SECNO= 1.620 PROFILE= 1 WSEL BASED ON X5 CARD
CAUTION SECNO= 2.100 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 2.100 PROFILE= 3 MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 2.100 PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 2.100 PROFILE= 4
PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 2.100 PROFILE= 4
20 TRIALS ATTEMPTED TO BALANCE WSEL

HOOPERS CREEK

MILE	500 YEAR FLOOD		HENDERSON CO NC 100 YEAR FLOOD		50 YEAR FLOOD		10 YEAR FLOOD	
	Q	ELEV	Q	ELEV	Q	ELEV	Q	ELEV
0.220	5600.	2079.1	4150.	2078.6	3450.	2078.3	2060.	2077.7
0.860	4950.	2086.0	3690.	2085.5	3060.	2085.2	1950.	2084.5
1.140	4760.	2092.4	3540.	2091.4	2940.	2090.9	1760.	2089.5
1.250	4700.	2093.6	3490.	2092.7	2900.	2092.2	1740.	2091.0
1.370	4610.	2095.0	3430.	2094.2	2840.	2093.8	1700.	2092.8
1.420	4580.	2095.2	3400.	2094.4	2820.	2094.0	1700.	2093.0
1.500	4500.	2096.6	3340.	2096.0	2790.	2095.4	1670.	2094.9
1.580	4450.	2097.8	3300.	2097.1	2750.	2096.7	1650.	2096.2
1.580	4450.	2099.7	3300.	2098.9	2750.	2098.1	1650.	2096.7
1.620	4430.	2099.8	3290.	2098.9	2730.	2098.1	1640.	2094.8
1.760	4420.	2100.6	3280.	2100.0	2720.	2099.6	1630.	2098.9
2.100	4350.	2104.2	3230.	2102.9	2690.	2102.2	1600.	2101.3
2.210	4340.	2107.3	3230.	2106.7	2690.	2106.2	1600.	2104.8
2.210	4340.	2107.9	3230.	2107.0	2690.	2106.4	1600.	2104.9
2.620	4280.	2113.2	3190.	2112.5	2630.	2112.1	1570.	2111.1
2.800	4250.	2117.3	3180.	2116.6	2610.	2116.3	1570.	2113.4
3.030	4210.	2120.0	3160.	2119.3	2600.	2118.9	1550.	2116.0
3.250	4170.	2122.4	3130.	2121.8	2570.	2121.3	1520.	2120.1
3.570	3420.	2131.0	2570.	2130.5	2100.	2130.1	1250.	2128.9
3.570	3420.	2132.6	2570.	2131.7	2100.	2131.0	1250.	2129.2
3.700	3400.	2133.3	2540.	2132.5	2090.	2131.7	1230.	2130.7
3.800	3350.	2134.4	2500.	2133.6	2070.	2133.1	1210.	2132.0
4.030	3280.	2138.7	2450.	2138.2	2000.	2137.9	1180.	2136.9
4.300	3180.	2143.1	2380.	2142.4	1960.	2142.0	1140.	2141.0
4.360	3150.	2144.9	2370.	2144.4	1950.	2144.1	1130.	2143.3
4.450	3130.	2150.6	2330.	2149.9	1920.	2149.4	1120.	2148.2

4.500	3130.	2154.0	2330.	2153.0	1920.	2152.4	1120.	2150.9
4.620	3130.	2158.0	2330.	2156.9	1920.	2156.2	1120.	2154.6
4.780	3060.	2164.0	2280.	2163.1	1890.	2162.6	1090.	2161.3