

CLEAR

CRY

THIS RUN EXECUTED 09/

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1978
 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/

CLEAR CREEK

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	q	CWSEL	CRWS	ES	TOTALS
0.0	0.	0.0	0.0	2060.4	7700.0	2073.50	0.0	2073.73	7.87
0.0	0.	0.0	0.0	2060.4	15200.0	2076.40	0.0	2076.72	9.17
0.0	0.	0.0	0.0	2060.4	19500.0	2077.70	0.0	2078.07	9.80
0.0	0.	0.0	0.0	2060.4	33500.0	2081.10	0.0	2081.64	11.58
0.170	2100.	0.0	0.0	2061.8	3550.0	2074.94	0.0	2075.10	4.59
0.170	2100.	0.0	0.0	2061.8	6000.0	2077.85	0.0	2077.93	2.37
0.170	2100.	0.0	0.0	2061.8	7300.0	2079.15	0.0	2079.25	1.94
0.170	2100.	0.0	0.0	2061.8	11000.0	2082.70	0.0	2082.76	1.28
0.380	950.	0.0	0.0	2063.8	3500.0	2075.50	0.0	2076.00	15.75
0.380	950.	0.0	0.0	2063.8	5950.0	2078.14	0.0	2078.35	6.78
0.380	950.	0.0	0.0	2063.8	7200.0	2079.41	0.0	2079.56	4.85
0.380	950.	0.0	0.0	2063.8	10850.0	2082.85	0.0	2082.94	2.47
0.380	40.	0.0	0.0	2063.8	3500.0	2075.41	0.0	2076.24	22.41
0.380	40.	0.0	0.0	2063.8	5950.0	2078.17	0.0	2078.37	6.68
0.380	40.	0.0	0.0	2063.8	7200.0	2079.43	0.0	2079.58	4.81
0.380	40.	0.0	0.0	2063.8	10850.0	2082.84	0.0	2082.95	2.46
0.380	30.	2078.4	2077.6	2063.8	3500.0	2075.50	0.0	2076.30	21.69
0.380	30.	2078.4	2077.6	2063.8	5950.0	2077.53	0.0	2079.01	20.26
0.380	30.	2078.4	2077.8	2063.8	7200.0	2080.03	0.0	2080.14	3.55
0.380	30.	2078.4	2077.6	2063.8	10850.0	2083.01	0.0	2083.09	2.34
0.380	40.	0.0	0.0	2063.8	3500.0	2076.10	0.0	2076.41	9.82
0.380	40.	0.0	0.0	2063.8	5950.0	2079.05	0.0	2079.17	4.01
0.380	40.	0.0	0.0	2063.8	7200.0	2080.04	0.0	2080.16	3.53
0.380	40.	0.0	0.0	2063.8	10850.0	2083.02	0.0	2083.10	2.53
0.470	450.	0.0	0.0	2064.6	3500.0	2076.54	0.0	2077.08	16.49
0.470	450.	0.0	0.0	2064.6	5950.0	2079.19	0.0	2079.58	11.13
0.470	450.	0.0	0.0	2064.6	7200.0	2080.15	0.0	2080.54	10.63
0.470	450.	0.0	0.0	2064.6	10850.0	2083.05	0.0	2083.41	8.30
0.630	760.	0.0	0.0	2066.8	3450.0	2077.76	0.0	2078.19	12.64
0.630	760.	0.0	0.0	2066.8	5900.0	2080.00	0.0	2080.58	12.74
0.630	760.	0.0	0.0	2066.8	7150.0	2080.91	0.0	2081.57	12.95
0.630	760.	0.0	0.0	2066.8	10800.0	2083.60	0.0	2084.33	11.51

E05

SECNO	ALCH	ELTRD	ELIC	ELMIN	Q	CASEL	CRIMS	ES	10K+S
0.630	10.	0.0	0.0	2066.8	3450.0	2077.77	0.0	2078.30	19.72
0.630	40.	0.0	0.0	2066.8	5900.0	2079.30	0.0	2080.61	25.26
0.630	40.	0.0	0.0	2066.8	7150.0	2080.75	0.0	2081.86	32.72
0.630	40.	0.0	0.0	2066.8	10800.0	2083.25	0.0	2084.83	52.78
0.630	10.	0.0	0.0	2066.8	3450.0	2077.79	0.0	2078.32	19.58
0.630	10.	0.0	0.0	2066.8	5900.0	2079.93	0.0	2080.82	25.08
0.630	10.	0.0	0.0	2066.8	7150.0	2080.79	0.0	2081.87	32.40
0.630	10.	0.0	0.0	2066.8	10800.0	2083.29	0.0	2084.87	52.40
0.630	120.	0.0	0.0	2066.8	3450.0	2078.14	0.0	2078.51	19.72
0.630	120.	0.0	0.0	2066.8	5900.0	2080.57	0.0	2081.06	25.04
0.630	120.	0.0	0.0	2066.8	7150.0	2081.60	0.0	2082.12	32.98
0.630	120.	0.0	0.0	2066.8	10800.0	2084.56	0.0	2085.15	52.59
0.750	640.	0.0	0.0	2065.2	3425.0	2078.86	0.0	2078.89	23.45
0.750	640.	0.0	0.0	2065.2	5850.0	2081.35	0.0	2081.39	29.46
0.750	640.	0.0	0.0	2065.2	7125.0	2082.42	0.0	2082.45	36.22
0.750	640.	0.0	0.0	2065.2	10750.0	2085.38	0.0	2085.42	52.84
1.000	1400.	0.0	0.0	2070.6	3400.0	2079.66	0.0	2080.05	23.39
1.000	1400.	0.0	0.0	2070.6	5825.0	2081.90	0.0	2082.17	29.12
1.000	1400.	0.0	0.0	2070.6	7100.0	2082.92	0.0	2083.16	36.16
1.000	1400.	0.0	0.0	2070.6	10650.0	2085.76	0.0	2085.98	52.25
1.180	940.	0.0	0.0	2072.0	3400.0	2081.89	0.0	2082.14	29.70
1.180	940.	0.0	0.0	2072.0	5800.0	2083.40	0.0	2083.61	36.94
1.180	940.	0.0	0.0	2072.0	7050.0	2084.41	0.0	2084.40	44.55
1.180	940.	0.0	0.0	2072.0	10600.0	2087.61	0.0	2087.77	59.08
1.180	40.	0.0	0.0	2072.0	3400.0	2082.00	0.0	2082.33	19.79
1.180	40.	0.0	0.0	2072.0	5800.0	2083.48	0.0	2083.68	25.12
1.180	40.	0.0	0.0	2072.0	7050.0	2084.27	0.0	2084.43	32.54
1.180	40.	0.0	0.0	2072.0	10600.0	2086.65	0.0	2086.81	49.94
1.180	5.	0.0	0.0	2071.7	3400.0	2082.00	0.0	2082.75	19.98
1.180	5.	0.0	0.0	2071.7	5800.0	2083.49	0.0	2083.70	25.72
1.180	5.	0.0	0.0	2071.7	7050.0	2084.28	0.0	2084.47	32.69
1.180	5.	0.0	0.0	2071.7	10600.0	2086.65	0.0	2086.82	49.17
1.180	30.	0.0	0.0	2071.7	3400.0	2082.24	0.0	2082.64	19.72
1.180	30.	0.0	0.0	2071.7	5800.0	2083.64	0.0	2083.83	25.57
1.180	30.	0.0	0.0	2071.7	7050.0	2084.40	0.0	2084.53	32.44
1.180	30.	0.0	0.0	2071.7	10600.0	2086.70	0.0	2086.87	49.38
1.180	5.	0.0	0.0	2072.0	3400.0	2082.28	0.0	2082.65	19.46
1.180	5.	0.0	0.0	2072.0	5800.0	2083.66	0.0	2083.84	25.01
1.180	5.	0.0	0.0	2072.0	7050.0	2084.41	0.0	2084.52	32.72
1.180	5.	0.0	0.0	2072.0	10600.0	2086.72	0.0	2086.87	49.67
1.180	10.	0.0	0.0	2072.0	3400.0	2082.20	0.0	2082.56	19.96
1.180	10.	0.0	0.0	2072.0	5800.0	2083.56	0.0	2083.82	25.77
1.180	10.	0.0	0.0	2072.0	7050.0	2084.31	0.0	2084.47	32.29
1.180	10.	0.0	0.0	2072.0	10600.0	2086.64	0.0	2086.81	49.85

F05

SECNO	XLCH	ELTRD	ELLC	ELFIN	Q	CWSEL	FRTWS	EG	TK+S
1.500	1560.	0.0	0.0	2073.5	3350.0	2084.40	0.0	2084.46	7.47
1.500	1560.	0.0	0.0	2073.5	5750.0	2085.76	0.0	2085.80	6.55
1.500	1560.	0.0	0.0	2073.5	6975.0	2086.38	0.0	2086.43	6.09
1.500	1560.	0.0	0.0	2073.5	10500.0	2088.23	0.0	2088.27	4.64
1.600	400.	0.0	0.0	2074.3	3325.0	2084.63	0.0	2084.68	4.77
1.600	400.	0.0	0.0	2074.3	5700.0	2085.96	0.0	2086.02	4.75
1.600	400.	0.0	0.0	2074.3	6925.0	2086.57	0.0	2086.63	4.58
1.600	400.	0.0	0.0	2074.3	10450.0	2088.38	0.0	2088.43	3.66
1.600	40.	0.0	0.0	2074.3	3325.0	2084.65	0.0	2084.70	4.67
1.600	40.	0.0	0.0	2074.3	5700.0	2085.98	0.0	2086.03	4.66
1.600	40.	0.0	0.0	2074.3	6925.0	2086.59	0.0	2086.65	4.51
1.600	40.	0.0	0.0	2074.3	10450.0	2088.39	0.0	2088.45	3.63
1.600	30.	2081.6	2081.9	2074.3	3325.0	2084.78	0.0	2084.82	4.17
1.600	30.	2081.6	2081.9	2074.3	5700.0	2086.10	0.0	2086.15	4.29
1.600	30.	2081.6	2081.9	2074.3	6925.0	2086.71	0.0	2086.77	4.17
1.600	30.	2081.6	2081.9	2074.3	10450.0	2088.53	0.0	2088.58	3.39
1.600	10.	0.0	0.0	2074.3	3325.0	2084.78	0.0	2084.83	4.15
1.600	10.	0.0	0.0	2074.3	5700.0	2086.10	0.0	2086.15	4.28
1.600	10.	0.0	0.0	2074.3	6925.0	2086.72	0.0	2086.77	4.16
1.600	10.	0.0	0.0	2074.3	10450.0	2088.53	0.0	2088.58	3.38
1.700	550.	0.0	0.0	2073.4	3300.0	2085.11	0.0	2085.51	25.35
1.700	550.	0.0	0.0	2073.4	5700.0	2086.42	0.0	2086.98	34.19
1.700	550.	0.0	0.0	2073.4	6900.0	2087.01	0.0	2087.62	36.17
1.700	550.	0.0	0.0	2073.4	10425.0	2088.71	0.0	2089.39	36.52
2.440	3950.	0.0	0.0	2080.4	3175.0	2091.54	0.0	2091.63	10.09
2.440	3950.	0.0	0.0	2080.4	5450.0	2093.04	0.0	2093.12	8.44
2.440	3950.	0.0	0.0	2080.4	6625.0	2093.66	0.0	2093.74	8.16
2.440	3950.	0.0	0.0	2080.4	9950.0	2095.19	0.0	2095.27	7.61
3.060	3100.	0.0	0.0	2084.8	3075.0	2096.21	0.0	2096.80	30.95
3.060	3100.	0.0	0.0	2084.8	5300.0	2097.38	0.0	2098.07	36.48
3.060	3100.	0.0	0.0	2084.8	6450.0	2097.91	0.0	2098.61	36.72
3.060	3100.	0.0	0.0	2084.8	9675.0	2099.21	0.0	2099.91	35.99
3.250	1060.	0.0	0.0	2087.2	3050.0	2098.74	0.0	2099.20	17.20
3.250	1060.	0.0	0.0	2087.2	5275.0	2100.21	0.0	2100.63	17.06
3.250	1060.	0.0	0.0	2087.2	6425.0	2100.76	0.0	2101.18	17.14
3.250	1060.	0.0	0.0	2087.2	9650.0	2102.05	0.0	2102.46	17.20
3.250	40.	0.0	0.0	2087.2	3050.0	2098.84	0.0	2099.27	16.03
3.250	40.	0.0	0.0	2087.2	5275.0	2100.31	0.0	2100.70	15.79
3.250	40.	0.0	0.0	2087.2	6425.0	2100.86	0.0	2101.25	15.93
3.250	40.	0.0	0.0	2087.2	9650.0	2102.14	0.0	2102.52	16.21
3.250	30.	2098.3	2099.2	2087.2	3050.0	2099.08	0.0	2099.43	13.30
3.250	30.	2098.3	2099.2	2087.2	5275.0	2100.45	0.0	2100.80	14.27
3.250	30.	2098.3	2099.2	2087.2	6425.0	2100.95	0.0	2101.31	15.02
3.250	30.	2098.3	2099.2	2087.2	9650.0	2102.22	0.0	2102.58	15.55

G05

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIMS	EG	TK+S
3.250	10.	0.0	0.0	2087.2	3050.0	2099.07	0.0	2099.46	14.56
3.250	10.	0.0	0.0	2087.2	5275.0	2100.41	0.0	2100.87	17.89
3.250	10.	0.0	0.0	2087.2	6425.0	2100.90	0.0	2101.40	19.53
3.250	10.	0.0	0.0	2087.2	9650.0	2102.15	0.0	2102.69	21.59
N 3.510	1360.	0.0	0.0	2087.4	3050.0	2100.79	0.0	2100.98	8.61
3.510	1360.	0.0	0.0	2087.4	5275.0	2102.48	0.0	2102.77	11.15
3.510	1360.	0.0	0.0	2087.4	6400.0	2103.13	0.0	2103.47	12.26
3.510	1360.	0.0	0.0	2087.4	9600.0	2104.63	0.0	2105.09	15.15
3.870	2100.	0.0	0.0	2091.6	2950.0	2103.00	0.0	2103.32	15.40
3.870	2100.	0.0	0.0	2091.6	4975.0	2104.63	0.0	2104.80	9.55
3.870	2100.	0.0	0.0	2091.6	6200.0	2105.30	0.0	2105.45	8.43
3.870	2100.	0.0	0.0	2091.6	9275.0	2106.83	0.0	2106.95	6.47
4.080	1050.	0.0	0.0	2093.2	2900.0	2105.06	0.0	2105.50	31.08
4.080	1050.	0.0	0.0	2093.2	4600.0	2105.98	0.0	2106.42	34.68
4.080	1050.	0.0	0.0	2093.2	6100.0	2106.47	0.0	2106.89	33.51
4.080	1050.	0.0	0.0	2093.2	9100.0	2107.69	0.0	2108.04	27.38
4.080	40.	0.0	0.0	2093.2	2900.0	2105.28	0.0	2105.62	24.70
4.080	40.	0.0	0.0	2093.2	4900.0	2106.21	0.0	2106.55	27.67
4.080	40.	0.0	0.0	2093.2	6100.0	2106.67	0.0	2107.02	28.08
4.080	40.	0.0	0.0	2093.2	9100.0	2107.82	0.0	2108.15	24.76
V 4.080	30.	2103.6	2103.3	2093.2	2900.0	2105.30	0.0	2105.63	24.22
4.080	30.	2103.6	2103.3	2093.2	4900.0	2106.20	0.0	2106.55	27.83
4.080	30.	2103.6	2103.3	2093.2	6100.0	2106.67	0.0	2107.02	27.85
4.080	30.	2103.6	2103.3	2093.2	9100.0	2107.82	0.0	2108.15	24.68
4.080	10.	0.0	0.0	2093.2	2900.0	2105.47	0.0	2105.67	15.75
4.080	10.	0.0	0.0	2093.2	4900.0	2106.35	0.0	2106.59	19.90
4.080	10.	0.0	0.0	2093.2	6100.0	2106.79	0.0	2107.05	21.14
4.080	10.	0.0	0.0	2093.2	9100.0	2107.91	0.0	2108.18	20.42
4.400	1580.	0.0	0.0	2097.6	2775.0	2107.16	0.0	2107.20	6.39
4.400	1580.	0.0	0.0	2097.6	4750.0	2108.23	0.0	2108.27	6.41
4.400	1580.	0.0	0.0	2097.6	5825.0	2108.72	0.0	2108.77	6.36
4.400	1580.	0.0	0.0	2097.6	8675.0	2109.84	0.0	2109.89	6.43
4.720	1690.	0.0	0.0	2100.1	2775.0	2108.82	0.0	2108.95	18.15
4.720	1690.	0.0	0.0	2100.1	4750.0	2109.82	0.0	2109.93	15.95
4.720	1690.	0.0	0.0	2100.1	5825.0	2110.27	0.0	2110.37	14.81
4.720	1690.	0.0	0.0	2100.1	8675.0	2111.32	0.0	2111.42	13.12
4.960	1150.	0.0	0.0	2101.9	2700.0	2110.66	0.0	2110.81	14.14
4.960	1150.	0.0	0.0	2101.9	4650.0	2111.61	0.0	2111.79	15.84
4.960	1150.	0.0	0.0	2101.9	5750.0	2112.02	0.0	2112.22	16.74
4.960	1150.	0.0	0.0	2101.9	8525.0	2112.97	0.0	2113.20	17.51
4.960	40.	0.0	0.0	2101.9	2700.0	2110.53	0.0	2111.11	36.27
4.960	40.	0.0	0.0	2101.9	4650.0	2111.12	0.0	2112.52	77.75
4.960	40.	0.0	0.0	2101.9	5750.0	2111.23	0.0	2113.29	112.75
4.960	40.	0.0	0.0	2101.9	8525.0	2112.01	2112.01	2115.60	167.66

H05

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*5
4.960	5.	2118.4	2117.6	2101.9	2700.0	2110.61	0.0	2111.14	51.09
4.960	5.	2118.4	2117.6	2101.9	4650.0	2111.40	0.0	2112.58	99.77
4.960	5.	2118.4	2117.6	2101.9	5750.0	2111.80	0.0	2113.40	126.59
4.960	5.	2118.4	2117.6	2101.9	8525.0	2113.78	0.0	2115.82	125.87
4.960	30.	2118.4	2117.6	2101.9	2700.0	2110.79	0.0	2111.28	46.17
4.960	30.	2118.4	2117.6	2101.9	4650.0	2111.84	0.0	2112.87	61.24
4.960	30.	2118.4	2117.6	2101.9	5750.0	2112.44	0.0	2113.76	95.36
4.960	30.	2118.4	2117.6	2101.9	8525.0	2114.44	0.0	2116.19	100.49
4.960	5.	0.0	0.0	2101.9	2700.0	2110.79	0.0	2111.32	31.36
4.960	5.	0.0	0.0	2101.9	4650.0	2111.82	0.0	2112.95	54.61
4.960	5.	0.0	0.0	2101.9	5750.0	2112.40	0.0	2113.87	63.69
4.960	5.	0.0	0.0	2101.9	8525.0	2114.35	0.0	2116.36	65.08
4.960	30.	0.0	0.0	2101.9	2700.0	2111.33	0.0	2111.40	6.41
4.960	30.	0.0	0.0	2101.9	4650.0	2113.03	0.0	2113.09	7.34
4.960	30.	0.0	0.0	2101.9	5750.0	2113.98	0.0	2114.04	3.72
4.960	30.	0.0	0.0	2101.9	8525.0	2116.53	0.0	2116.58	2.25
5.000	200.	0.0	0.0	2102.5	2700.0	2111.47	0.0	2111.58	10.46
5.000	200.	0.0	0.0	2102.5	4650.0	2113.12	0.0	2113.21	6.60
5.000	200.	0.0	0.0	2102.5	5750.0	2114.06	0.0	2114.13	5.17
5.000	200.	0.0	0.0	2102.5	8525.0	2116.58	0.0	2116.64	2.88
5.100	780.	0.0	0.0	2103.4	2600.0	2112.65	2110.62	2113.40	47.93
5.100	780.	0.0	0.0	2103.4	4500.0	2113.88	0.0	2114.57	44.80
5.100	780.	0.0	0.0	2103.4	5500.0	2114.65	0.0	2115.19	34.45
5.100	780.	0.0	0.0	2103.4	8100.0	2116.90	0.0	2117.19	16.02
5.330	1220.	0.0	0.0	2105.6	2600.0	2116.14	0.0	2116.36	16.20
5.330	1220.	0.0	0.0	2105.6	4500.0	2117.36	0.0	2117.61	15.46
5.330	1220.	0.0	0.0	2105.6	5500.0	2117.79	0.0	2118.07	16.93
5.330	1220.	0.0	0.0	2105.6	8100.0	2118.94	0.0	2119.25	17.68

CLEAR CREEK

SUMMARY PRINTOUT TABLE 150

SECD	Q	CWSEL	DIFWSP	DIFWCA	DIFKWS	TOPWID	XLCH
0.0	7700.	2075.5	0.0	0.0	0.0	703.67	0.0
0.0	15200.	2076.4	2.9	0.0	0.0	722.70	0.0
0.0	19500.	2077.7	1.3	0.0	0.0	732.12	0.0
0.0	33500.	2081.1	3.4	0.0	0.0	775.75	0.0
0.170	3550.	2074.9	0.0	1.4	0.0	833.52	2100.00
0.170	6000.	2077.8	2.9	1.4	0.0	868.95	2100.00
0.170	7300.	2079.2	1.3	1.5	0.0	879.29	2100.00
0.170	11000.	2082.7	3.5	1.6	0.0	929.04	2100.00
0.380	3500.	2075.5	0.0	0.6	0.0	727.46	950.00
0.380	5950.	2078.1	2.6	0.3	0.0	793.55	950.00
0.380	7200.	2079.4	1.3	0.2	0.0	852.36	950.00
0.380	10850.	2082.7	3.4	0.1	0.0	929.30	950.00
0.380	3500.	2075.4	0.0	-0.1	0.0	63.66	40.00
0.380	5950.	2078.2	2.8	0.0	0.0	794.46	40.00
0.380	7200.	2079.4	1.3	0.0	0.0	853.09	40.00
0.380	10850.	2082.9	3.4	0.0	0.0	929.41	40.00
0.380	3500.	2075.5	0.0	0.1	0.0	63.74	30.00
0.380	5950.	2077.6	2.1	-0.6	0.0	65.00	30.00
0.380	7200.	2080.0	2.4	0.9	0.0	877.89	30.00
0.380	10850.	2083.0	3.0	1.1	0.0	931.62	30.00
0.380	3500.	2076.1	0.0	0.6	0.0	741.25	40.00
0.380	5950.	2079.1	2.9	1.5	0.0	832.89	40.00
0.380	7200.	2081.0	1.0	1.1	0.0	878.23	40.00
0.380	10850.	2083.0	3.0	0.0	0.0	931.76	40.00
0.470	3500.	2076.5	0.0	0.4	0.0	370.04	450.00
0.470	5950.	2079.2	2.6	0.1	0.0	388.50	450.00
0.470	7200.	2080.1	1.0	0.1	0.0	394.85	450.00
0.470	10850.	2083.1	2.9	0.0	0.0	414.63	450.00
0.630	3450.	2077.8	0.0	1.2	0.0	182.78	760.00
0.630	5900.	2080.0	2.2	0.3	0.0	227.54	760.00
0.630	7150.	2080.9	0.9	0.1	0.0	245.74	760.00
0.630	10800.	2083.6	2.7	0.1	0.0	274.00	760.00
0.630	3450.	2077.8	0.0	0.0	0.0	86.96	40.00
0.630	5900.	2079.9	2.1	-0.1	0.0	92.58	40.00
0.630	7150.	2080.8	0.8	-0.2	0.0	94.82	40.00
0.630	10800.	2083.2	2.5	-0.4	0.0	101.39	40.00
0.630	3450.	2077.8	0.0	0.0	0.0	87.00	10.00
0.630	5900.	2079.9	2.1	0.0	0.0	92.65	10.00
0.630	7150.	2080.8	0.9	0.0	0.0	94.89	10.00
0.630	10800.	2083.3	2.5	0.0	0.0	101.52	10.00
0.630	3450.	2078.1	0.0	0.3	0.0	190.31	120.00
0.630	5900.	2080.6	2.4	0.6	0.0	239.12	120.00

J05

0.630	7150.	2081.6	1.0	0.8	0.0	258.42	120.00
0.630	10800.	2084.6	3.0	1.3	0.0	281.57	120.00

K05

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	ALCH
0.750	3425.	2078.9	0.0	0.7	0.0	652.43	640.00
0.750	5850.	2081.4	2.5	0.8	0.0	672.55	640.00
0.750	7125.	2082.4	1.1	0.8	0.0	681.00	640.00
0.750	10750.	2082.4	3.0	0.8	0.0	704.54	640.00
1.000	3400.	2079.7	0.0	0.8	0.0	458.03	1400.00
1.000	5825.	2081.9	2.2	0.6	0.0	479.07	1400.00
1.000	7100.	2082.9	1.0	0.5	0.0	486.87	1400.00
1.000	10650.	2085.8	2.8	0.4	0.0	508.00	1400.00
1.180	3400.	2081.9	0.0	2.2	0.0	437.71	960.00
1.180	5800.	2083.4	1.5	1.5	0.0	510.55	960.00
1.180	7050.	2084.2	0.8	1.3	0.0	519.90	960.00
1.180	10600.	2086.6	2.4	0.9	0.0	548.20	960.00
1.180	3400.	2082.0	0.0	0.1	0.0	489.63	40.00
1.180	5800.	2085.5	1.5	0.1	0.0	511.35	40.00
1.180	7050.	2084.3	0.8	0.1	0.0	520.70	40.00
1.180	10600.	2086.6	2.4	0.0	0.0	548.61	40.00
1.180	3400.	2082.0	0.0	0.0	0.0	490.69	5.00
1.180	5800.	2083.5	1.5	0.0	0.0	511.54	5.00
1.180	7050.	2084.3	0.8	0.0	0.0	520.86	5.00
1.180	10600.	2086.7	2.4	0.0	0.0	548.71	5.00
1.180	3400.	2082.2	0.0	0.2	0.0	494.90	30.00
1.180	5800.	2083.6	1.4	0.2	0.0	513.42	30.00
1.180	7050.	2084.4	0.8	0.1	0.0	522.23	30.00
1.180	10600.	2086.7	2.7	0.1	0.0	549.21	30.00
1.180	3400.	2082.3	0.0	0.0	0.0	495.02	5.00
1.180	5800.	2083.7	1.4	0.0	0.0	513.68	5.00
1.180	7050.	2084.4	0.7	0.0	0.0	522.42	5.00
1.180	10600.	2086.7	2.3	0.0	0.0	549.39	5.00
1.180	3400.	2082.2	0.0	-0.1	0.0	493.71	10.00
1.180	5800.	2083.6	1.4	-0.1	0.0	512.46	10.00
1.180	7050.	2084.3	0.8	-0.1	0.0	521.27	10.00
1.180	10600.	2086.6	2.3	-0.1	0.0	548.58	10.00
1.500	3350.	2084.4	0.0	2.2	0.0	1092.33	1560.00
1.500	5750.	2085.8	1.4	2.2	0.0	1158.57	1560.00
1.500	6975.	2086.4	0.6	2.1	0.0	1166.48	1560.00
1.500	10500.	2088.2	1.8	1.6	0.0	1189.73	1560.00
1.600	3325.	2084.6	0.0	0.2	0.0	996.06	400.00
1.600	5700.	2086.0	1.3	0.2	0.0	1187.61	400.00
1.600	6925.	2086.6	0.6	0.2	0.0	1281.67	400.00
1.600	10450.	2088.4	1.8	0.1	0.0	1416.11	400.00
1.600	3325.	2084.6	0.0	0.0	0.0	999.25	40.00
1.600	5700.	2086.0	1.3	0.0	0.0	1192.10	40.00
1.600	6925.	2086.6	0.6	0.0	0.0	1284.49	40.00
1.600	10450.	2088.4	1.8	0.0	0.0	1416.94	40.00

L05

SECNO	Q	CWSEL	DIFWSP	DIFMSX	DIFKMS	TOPWID	XLCH
1.600	3325.	2084.8	0.0	0.1	0.0	1015.57	30.00
1.600	5700.	2086.1	1.3	0.1	0.0	1211.11	30.00
1.600	6925.	2086.7	0.6	0.1	0.0	1298.70	30.00
1.600	10450.	2088.5	1.8	0.1	0.0	1430.75	30.00
1.600	3325.	2084.8	0.0	0.0	0.0	1016.12	10.00
1.600	5700.	2086.1	1.3	0.0	0.0	1211.80	10.00
1.600	6925.	2086.7	0.6	0.0	0.0	1299.20	10.00
1.600	10450.	2088.5	1.8	0.0	0.0	1430.77	10.00
1.700	3300.	2085.1	0.0	0.3	0.0	700.35	550.00
1.700	5700.	2086.4	1.3	0.3	0.0	414.77	550.00
1.700	6900.	2087.0	0.6	0.3	0.0	422.92	550.00
1.700	10425.	2088.7	1.7	0.2	0.0	444.27	550.00
2.440	3175.	2091.5	0.0	6.4	0.0	859.63	3950.00
2.440	5450.	2093.0	1.5	6.6	0.0	1001.77	3950.00
2.440	6625.	2095.7	0.6	6.7	0.0	1015.74	3950.00
2.440	9950.	2095.2	1.5	6.5	0.0	1065.24	3950.00
3.060	3075.	2096.2	0.0	4.7	0.0	446.87	3100.00
3.060	5700.	2097.4	1.3	4.3	0.0	507.35	3100.00
3.060	6450.	2097.9	0.5	4.2	0.0	520.23	3100.00
3.060	9675.	2099.2	1.3	4.0	0.0	538.06	3100.00
3.250	3050.	2098.7	0.0	2.5	0.0	512.96	1060.00
3.250	5275.	2100.2	1.5	2.8	0.0	572.60	1060.00
3.250	6425.	2100.8	0.6	2.9	0.0	595.13	1060.00
3.250	9650.	2102.0	1.3	2.8	0.0	647.30	1060.00
3.250	3050.	2098.8	0.0	0.1	0.0	516.84	40.00
3.250	5275.	2100.3	1.5	0.1	0.0	576.97	40.00
3.250	6425.	2100.9	0.6	0.1	0.0	599.56	40.00
3.250	9650.	2102.1	1.3	0.1	0.0	651.45	40.00
3.250	3050.	2099.1	0.0	0.2	0.0	526.90	30.00
3.250	5275.	2100.5	1.4	0.1	0.0	582.75	30.00
3.250	6425.	2101.0	0.5	0.1	0.0	603.13	30.00
3.250	9650.	2102.2	1.3	0.1	0.0	654.40	30.00
3.250	3050.	2099.1	0.0	-0.0	0.0	526.20	10.00
3.250	5275.	2100.4	1.3	-0.0	0.0	580.68	10.00
3.250	6425.	2100.9	0.5	-0.1	0.0	600.64	10.00
3.250	9650.	2102.1	1.2	-0.1	0.0	651.34	10.00
3.510	3050.	2100.8	0.0	1.7	0.0	252.30	1360.00
3.510	5275.	2102.5	1.7	2.1	0.0	280.71	1360.00
3.510	6400.	2103.1	0.7	2.3	0.0	287.73	1360.00
3.510	9600.	2104.6	1.5	2.5	0.0	303.69	1360.00
3.870	2950.	2103.0	0.0	2.2	0.0	676.12	2100.00
3.870	4975.	2104.6	1.6	2.2	0.0	947.22	2100.00
3.870	6200.	2105.3	0.7	2.2	0.0	956.61	2100.00
3.870	9275.	2106.8	1.5	2.2	0.0	974.25	2100.00

205

SECNO	Q	CUSEL	DIFLSP	DIFLWX	DIFLWS	TCPAID	ALCH
4.080	2700.	2105.1	0.0	2.1	0.0	486.74	1050.00
4.080	2700.	2106.0	0.2	1.3	0.0	597.02	1050.00
4.080	6100.	2106.5	0.5	1.2	0.0	614.07	1050.00
4.080	9100.	2107.7	1.2	0.9	0.0	636.01	1050.00
4.080	2900.	2105.3	0.0	0.2	0.0	526.13	40.00
4.080	4900.	2106.2	0.2	0.2	0.0	604.92	40.00
4.080	6100.	2106.7	0.5	0.0	0.0	620.85	40.00
4.080	9100.	2107.8	1.2	0.1	0.0	637.99	40.00
4.080	2900.	2105.3	0.0	0.0	0.0	562.42	30.00
4.080	4900.	2106.2	0.2	0.0	0.0	604.79	30.00
4.080	6100.	2106.7	0.5	0.0	0.0	621.17	30.00
4.080	9100.	2107.8	1.2	0.0	0.0	638.05	30.00
4.080	2900.	2105.5	0.0	0.2	0.0	573.12	10.00
4.080	4900.	2106.3	0.2	0.1	0.0	609.78	10.00
4.080	6100.	2106.9	0.4	0.1	0.0	623.20	10.00
4.080	9100.	2107.9	1.1	0.1	0.0	639.21	10.00
4.400	2775.	2107.2	0.0	1.7	0.0	1153.24	1580.00
4.400	4750.	2108.2	1.1	1.9	0.0	1165.29	1580.00
4.400	5225.	2108.7	0.5	1.9	0.0	1170.93	1580.00
4.400	8675.	2109.8	1.1	1.9	0.0	1183.68	1580.00
4.720	2775.	2108.8	0.0	1.7	0.0	1022.91	1690.00
4.720	4750.	2109.8	1.0	1.6	0.0	1154.84	1690.00
4.720	5225.	2110.2	0.4	1.5	0.0	1160.05	1690.00
4.720	3675.	2111.3	1.1	1.5	0.0	1172.04	1690.00
4.960	2700.	2110.7	0.0	1.8	0.0	647.08	1150.00
4.960	4650.	2111.6	1.0	1.8	0.0	684.69	1150.00
4.960	5750.	2112.0	0.4	1.8	0.0	692.57	1150.00
4.960	8525.	2113.0	1.0	1.7	0.0	710.82	1150.00
4.960	2700.	2110.5	0.0	0.1	0.0	79.37	40.00
4.960	4650.	2111.1	0.6	0.5	0.0	80.00	40.00
4.960	5750.	2111.2	0.8	0.8	0.0	80.00	40.00
4.960	8525.	2112.0	0.1	0.8	0.0	80.00	40.00
4.960	2700.	2110.6	0.0	0.1	0.0	87.32	5.00
4.960	4650.	2111.4	0.8	0.3	0.0	91.44	5.00
4.960	5750.	2111.8	0.4	0.6	0.0	91.84	5.00
4.960	8525.	2113.8	2.0	1.8	0.0	93.87	5.00
4.960	2700.	2110.3	0.0	0.2	0.0	90.12	30.00
4.960	4650.	2111.8	0.0	0.4	0.0	91.89	30.00
4.960	5750.	2112.4	0.6	0.6	0.0	92.51	30.00
4.960	8525.	2114.4	2.0	0.7	0.0	103.97	30.00
4.960	2700.	2110.8	0.0	0.0	0.0	79.66	5.00
4.960	4650.	2111.3	1.0	0.0	0.0	80.00	5.00
4.960	5750.	2112.4	0.6	0.0	0.0	80.00	5.00
4.960	8525.	2114.3	1.9	0.1	0.0	80.00	5.00

AD6

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFWMS	TOPWID	XLCH
4.960	2700.	2111.3	0.0	0.5	0.0	677.15	30.00
4.960	4650.	2113.0	1.7	1.2	0.0	711.93	30.00
4.960	5750.	2114.0	1.0	1.6	0.0	730.23	30.00
4.960	8525.	2116.5	2.6	2.2	0.0	769.51	30.00
5.000	2700.	2111.5	0.0	0.1	0.0	658.39	200.00
5.000	4650.	2113.1	1.7	0.1	0.0	702.30	200.00
5.000	5750.	2114.1	0.9	0.1	0.0	720.21	200.00
5.000	8525.	2116.6	2.5	0.0	0.0	763.19	200.00
5.100	2600.	2112.6	0.0	1.2	0.0	328.46	780.00
5.100	4500.	2113.9	1.2	0.8	0.0	412.15	780.00
5.100	5500.	2114.6	0.8	0.6	0.0	439.19	780.00
5.100	8100.	2116.9	2.2	0.3	0.0	491.68	780.00
5.330	2600.	2116.1	0.0	3.5	0.0	414.85	1220.00
5.330	4500.	2117.4	1.2	3.5	0.0	454.58	1220.00
5.330	5500.	2117.8	0.4	3.1	0.0	468.28	1220.00
5.330	8100.	2118.9	1.1	2.0	0.0	490.15	1220.00

SUMMARY OF ERRORS

CAUTION SECNO= 1.600 PROFILE= 2 HYDRAULIC JUMP D.S.
 CAUTION SECNO= 1.600 PROFILE= 3 HYDRAULIC JUMP D.S.
 CAUTION SECNO= 1.600 PROFILE= 4 HYDRAULIC JUMP D.S.
 CAUTION SECNO= 4.960 PROFILE= 4 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 4.960 PROFILE= 4
 PROBABLE MINIMUM SPECIFIC ENERGY
 CAUTION SECNO= 4.960 PROFILE= 4
 20 TRIALS ATTEMPTED TO BALANCE WSEL

CLEAR CREEK

GAGE	HENDERSON CO NC FIA							
	500 YEAR FLOOD		100 YEAR FLOOD		50 YEAR FLOOD		10 YEAR FLOOD	
	Q	ELEV	Q	ELEV	Q	ELEV	Q	ELEV
0.0	33500.	2081.1	19500.	2077.7	15200.	2076.4	7700.	2073.5
0.170	11000.	2082.7	7300.	2079.2	6000.	2077.8	3550.	2074.9
0.380	10850.	2082.9	7200.	2079.4	5950.	2078.1	3500.	2075.5
0.380	10850.	2083.0	7200.	2080.0	5950.	2079.1	3500.	2076.1
0.470	10850.	2083.1	7200.	2080.1	5950.	2079.2	3500.	2076.5
0.630	10800.	2083.6	7150.	2080.9	5900.	2080.0	3450.	2077.8
0.630	10800.	2084.6	7150.	2081.6	5900.	2080.6	3450.	2078.1
0.750	10750.	2085.4	7125.	2082.4	5850.	2081.4	3425.	2078.9
1.000	10650.	2085.8	7100.	2082.9	5825.	2081.9	3400.	2079.7
1.180	10600.	2086.6	7050.	2084.2	5800.	2083.4	3400.	2081.9
1.180	10600.	2086.6	7050.	2084.3	5800.	2083.6	3400.	2082.2
1.500	10500.	2088.2	6975.	2086.4	5750.	2085.8	3350.	2084.4
1.600	10450.	2088.4	6925.	2086.6	5700.	2086.0	3325.	2084.6
1.600	10450.	2088.5	6925.	2086.7	5700.	2086.1	3325.	2084.8
1.700	10425.	2088.7	6900.	2087.0	5700.	2086.4	3300.	2085.1
2.440	9950.	2095.2	6625.	2093.7	5450.	2093.0	3175.	2091.5
3.060	9675.	2099.2	6450.	2097.9	5300.	2097.4	3075.	2096.2
3.250	9650.	2102.0	6425.	2100.8	5275.	2100.2	3050.	2098.7
3.250	9650.	2102.1	6425.	2100.9	5275.	2100.4	3050.	2099.1
3.510	9600.	2104.6	6400.	2103.1	5275.	2102.5	3050.	2100.8
3.870	9275.	2106.8	6200.	2105.3	4975.	2104.6	2950.	2103.0
4.080	9100.	2107.7	6100.	2106.5	4900.	2106.0	2900.	2105.1
4.060	9100.	2107.9	6100.	2106.8	4900.	2106.3	2900.	2105.5
4.400	8675.	2109.8	5825.	2108.7	4750.	2108.2	2775.	2107.2
4.720	8675.	2111.3	5825.	2110.3	4750.	2109.8	2775.	2108.8
4.960	8525.	2113.0	5750.	2112.0	4650.	2111.6	2700.	2110.7

4.960	8525.	2116.5	5750.	2114.0	4650.	2113.0	2700.	2111.3
5.000	8525.	2116.6	5750.	2114.1	4650.	2113.1	2700.	2111.5
5.100	8100.	2116.9	5500.	2114.6	4500.	2113.9	2600.	2112.6
5.330	8100.	2118.9	5500.	2117.8	4500.	2117.4	2600.	2116.1