

BOYLSTON

CREEK

 HEC2 RELEASE DATED NOV 70 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/

BOYLSTON CREEK

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	FLTA	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*5
0.400	0.	0.0	0.0	2048.7	2000.0	2057.42	0.0	2057.81	15.29
0.400	0.	0.0	0.0	2048.7	3300.0	2058.02	0.0	2058.12	8.08
0.400	0.	0.0	0.0	2048.7	4000.0	2058.36	0.0	2058.46	7.96
0.400	0.	0.0	0.0	2048.7	5400.0	2058.93	0.0	2059.03	7.87
0.710	1565.	0.0	0.0	2049.9	2000.0	2058.69	0.0	2058.73	3.04
0.710	1565.	0.0	0.0	2049.9	3300.0	2059.08	0.0	2059.15	5.58
0.710	1565.	0.0	0.0	2049.9	4000.0	2059.43	0.0	2059.50	5.88
0.710	1565.	0.0	0.0	2049.9	5400.0	2060.03	0.0	2060.11	6.35
0.710	30.	0.0	0.0	2049.9	2000.0	2058.50	0.0	2058.95	14.08
0.710	30.	0.0	0.0	2049.9	3300.0	2058.55	0.0	2059.75	37.54
0.710	30.	0.0	0.0	2049.9	4000.0	2058.64	0.0	2060.37	53.03
0.710	30.	0.0	0.0	2049.9	5400.0	2060.00	0.0	2060.18	9.43
0.710	30.	2061.8	2061.3	2050.3	2000.0	2058.50	0.0	2058.95	21.48
0.710	30.	2061.8	2061.3	2050.3	3300.0	2058.55	0.0	2059.75	57.17
0.710	30.	2061.8	2061.3	2050.3	4000.0	2058.65	0.0	2060.37	79.28
0.710	30.	2061.8	2061.3	2050.3	5400.0	2062.97	0.0	2063.17	9.21
0.710	20.	0.0	0.0	2050.3	2000.0	2058.76	0.0	2059.00	14.22
0.710	20.	0.0	0.0	2050.3	3300.0	2059.47	0.0	2059.88	23.40
0.710	20.	0.0	0.0	2050.3	4000.0	2060.15	0.0	2060.55	21.95
0.710	20.	0.0	0.0	2050.3	5400.0	2062.99	0.0	2063.19	9.03
0.820	470.	0.0	0.0	2051.8	2000.0	2059.58	0.0	2059.96	24.08
0.820	470.	0.0	0.0	2051.8	3300.0	2060.72	0.0	2061.20	27.71
0.820	470.	0.0	0.0	2051.8	4000.0	2061.32	0.0	2061.43	26.43
0.820	470.	0.0	0.0	2051.8	5400.0	2063.55	0.0	2063.64	13.73
0.980	845.	0.0	0.0	2055.4	2000.0	2062.01	0.0	2062.69	40.08
0.980	845.	0.0	0.0	2055.4	3300.0	2063.37	2061.39	2064.22	41.72
0.980	845.	0.0	0.0	2055.4	4000.0	2063.90	0.0	2064.72	40.03
0.980	845.	0.0	0.0	2055.4	5400.0	2065.04	0.0	2065.70	30.62
1.100	635.	0.0	0.0	2056.8	2000.0	2063.26	0.0	2064.05	12.63
1.100	635.	0.0	0.0	2056.8	3300.0	2065.19	0.0	2065.31	8.43
1.100	635.	0.0	0.0	2056.8	4000.0	2065.66	0.0	2065.78	8.22
1.100	635.	0.0	0.0	2056.8	5400.0	2066.51	0.0	2066.62	7.69

E03

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K
1.270	920.	0.0	0.0	2060.0	2000.0	2065.69	2064.43	2066.57	59.
1.270	920.	0.0	0.0	2060.0	3300.0	2066.76	2066.76	2067.65	55.
1.270	920.	0.0	0.0	2060.0	4000.0	2067.14	2067.14	2067.99	53.
1.270	920.	0.0	0.0	2060.0	5400.0	2067.63	0.0	2068.55	58.
1.430	844.	0.0	0.0	2061.8	2000.0	2069.07	0.0	2069.27	19.
1.430	844.	0.0	0.0	2061.8	3300.0	2070.01	0.0	2070.20	18.
1.430	844.	0.0	0.0	2061.8	4000.0	2070.37	0.0	2070.57	18.
1.430	844.	0.0	0.0	2061.8	5400.0	2071.04	0.0	2071.25	19.
1.590	706.	0.0	0.0	2063.2	2000.0	2070.45	0.0	2070.65	19.
1.590	706.	0.0	0.0	2063.2	3300.0	2071.35	0.0	2071.55	19.
1.590	706.	0.0	0.0	2063.2	4000.0	2071.75	0.0	2071.95	19.
1.590	706.	0.0	0.0	2063.2	5400.0	2072.44	0.0	2072.64	19.
1.680	440.	0.0	0.0	2064.5	2000.0	2071.47	0.0	2071.84	30.
1.680	440.	0.0	0.0	2064.5	3300.0	2072.37	0.0	2072.68	27.
1.680	440.	0.0	0.0	2064.5	4000.0	2072.76	0.0	2073.05	26.
1.680	440.	0.0	0.0	2064.5	5400.0	2073.44	0.0	2073.72	25.
1.680	30.	0.0	0.0	2064.5	2000.0	2071.44	0.0	2072.10	46.
1.680	30.	0.0	0.0	2064.5	3300.0	2072.49	0.0	2072.76	24.
1.680	30.	0.0	0.0	2064.5	4000.0	2072.86	0.0	2073.13	23.
1.680	30.	0.0	0.0	2064.5	5400.0	2073.53	0.0	2073.80	23.
1.680	30.	2073.0	2071.8	2064.5	2000.0	2072.59	0.0	2073.03	23.
1.680	30.	2073.0	2071.8	2064.5	3300.0	2074.14	0.0	2074.20	5.
1.680	30.	2073.0	2071.8	2064.5	4000.0	2074.46	0.0	2074.53	6.
1.680	30.	2073.0	2071.8	2064.5	5400.0	2074.93	0.0	2075.03	7.
1.680	20.	0.0	0.0	2064.5	2000.0	2073.03	0.0	2073.08	5.
1.680	20.	0.0	0.0	2064.5	3300.0	2074.15	0.0	2074.21	5.
1.680	20.	0.0	0.0	2064.5	4000.0	2074.47	0.0	2074.54	5.
1.680	20.	0.0	0.0	2064.5	5400.0	2074.95	0.0	2075.05	7.

DOYLSTON CREEK

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFRUS	TOPWD	XLCH
0.400	2000.	2057.5	0.0	0.0	0.0	331.08	0.0
0.400	3300.	2058.0	0.3	0.0	0.0	1254.45	0.0
0.400	4000.	2058.4	0.3	0.0	0.0	1283.74	0.0
0.400	5400.	2058.9	0.6	0.0	0.0	1310.39	0.0
0.710	2000.	2058.7	0.0	1.2	0.0	974.04	1565.00
0.710	3300.	2059.1	0.4	1.1	0.0	988.40	1565.00
0.710	4000.	2059.4	0.3	1.1	0.0	1001.51	1565.00
0.710	5400.	2060.0	0.6	1.1	0.0	1019.29	1565.00
0.710	2000.	2058.5	0.0	-0.4	0.0	53.43	30.00
0.710	3300.	2058.5	0.0	-0.3	0.0	52.72	30.00
0.710	4000.	2058.6	0.1	-0.8	0.0	53.51	30.00
0.710	5400.	2060.0	1.4	-0.0	0.0	650.55	30.00
0.710	2000.	2058.5	0.0	0.0	0.0	62.00	30.00
0.710	3300.	2058.5	0.0	0.0	0.0	62.00	30.00
0.710	4000.	2058.6	0.1	0.0	0.0	62.00	30.00
0.710	5400.	2063.0	4.3	3.0	0.0	432.48	30.00
0.710	2000.	2058.8	0.0	0.3	0.0	408.69	20.00
0.710	3300.	2059.3	0.7	0.9	0.0	419.95	20.00
0.710	4000.	2060.1	0.7	1.5	0.0	419.07	20.00
0.710	5400.	2063.0	2.8	0.0	0.0	451.46	20.00
0.820	2000.	2059.6	0.0	0.8	0.0	399.13	470.00
0.820	3300.	2060.7	1.1	1.2	0.0	412.13	470.00
0.820	4000.	2061.4	1.6	1.2	0.0	416.87	470.00
0.820	5400.	2063.5	2.2	0.2	0.0	440.35	470.00
0.980	2000.	2062.0	0.0	2.4	0.0	67.37	845.00
0.980	3300.	2063.4	1.4	2.7	0.0	405.14	845.00
0.980	4000.	2063.9	0.5	2.6	0.0	408.99	845.00
0.980	5400.	2065.0	1.1	1.5	0.0	417.60	845.00
1.100	2000.	2063.9	0.0	1.9	0.0	787.95	635.00
1.100	3300.	2065.2	1.3	1.8	0.0	874.31	635.00
1.100	4000.	2065.2	0.3	1.8	0.0	900.48	635.00
1.100	5400.	2066.5	0.9	1.5	0.0	952.20	635.00
1.270	2000.	2065.7	0.0	1.8	0.0	298.10	920.00
1.270	3300.	2066.8	1.1	1.6	0.0	761.61	920.00
1.270	4000.	2067.1	0.4	1.5	0.0	794.17	920.00
1.270	5400.	2067.6	0.5	1.1	0.0	832.88	920.00
1.430	2000.	2069.1	0.0	3.4	0.0	617.06	844.00
1.430	3300.	2070.0	0.9	3.2	0.0	665.80	844.00
1.430	4000.	2070.4	0.7	3.2	0.0	676.15	844.00
1.430	5400.	2071.0	0.7	3.4	0.0	694.97	844.00
1.590	2000.	2070.5	0.0	1.3	0.0	616.35	706.00
1.590	3300.	2071.4	0.9	1.3	0.0	664.36	706.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFRUS	TOPWD	XLCH
1.590	4000.	2071.7	0.4	1.4	0.0	675.53	706.00
1.590	5400.	2072.4	0.7	1.4	0.0	692.64	706.00

E03

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	ALCH
1.680	2000.	2071.5	0.0	1.0	0.0	636.31	440.00
1.680	3300.	2072.4	0.9	1.0	0.0	670.06	440.00
1.680	4000.	2072.8	0.4	1.0	0.0	682.11	440.00
1.680	5400.	2073.4	0.7	1.0	0.0	737.53	440.00
1.680	2000.	2071.4	0.0	-0.0	0.0	60.37	30.00
1.680	3300.	2072.5	1.0	0.1	0.0	689.16	30.00
1.680	4000.	2072.9	0.4	0.1	0.0	680.37	30.00
1.680	5400.	2073.5	0.7	0.1	0.0	700.13	30.00
1.680	2000.	2072.6	0.0	1.2	0.0	61.00	30.00
1.680	3300.	2074.1	1.6	1.7	0.0	718.19	30.00
1.680	4000.	2074.5	0.3	1.6	0.0	727.51	30.00
1.680	5400.	2074.9	0.5	1.4	0.0	741.59	30.00
1.680	2000.	2073.0	0.0	0.4	0.0	702.88	20.00
1.680	3300.	2074.2	1.1	0.0	0.0	779.70	20.00
1.680	4000.	2074.5	0.3	0.0	0.0	789.84	20.00
1.680	5400.	2075.0	0.5	0.0	0.0	805.33	20.00

SUMMARY OF ERRORS

CAUTION SECNO= 1.270 PROFILE= 2 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 1.270 PROFILE= 2 MINIMUM SPECIFIC ENERGY
 CAUTION SECNO= 1.270 PROFILE= 3 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 1.270 PROFILE= 3 MINIMUM SPECIFIC ENERGY

F03

BOYLSTON CREEK

HENDERSON CO. N.C.

MILE	500 YEAR FLOOD		100 YEAR FLOOD		50 YEAR FLOOD		10 YEAR FLOOD	
	Q	ELEV	Q	ELEV	Q	ELEV	Q	ELEV
0.400	5400.	2058.9	4000.	2058.4	3300.	2058.0	2000.	2057.5
0.710	5400.	2060.0	4000.	2059.4	3300.	2059.1	2000.	2058.7
0.710	5400.	2063.0	4000.	2060.1	3300.	2059.5	2000.	2058.8
0.820	5400.	2063.5	4000.	2061.4	3300.	2060.7	2000.	2059.6
0.980	5400.	2065.0	4000.	2063.9	3300.	2063.4	2000.	2062.0
1.100	5400.	2066.5	4000.	2065.7	3300.	2065.2	2000.	2063.9
1.270	5400.	2067.6	4000.	2067.1	3300.	2066.8	2000.	2065.7
1.430	5400.	2071.0	4000.	2070.4	3300.	2070.0	2000.	2069.1
1.590	5400.	2072.4	4000.	2071.7	3300.	2071.4	2000.	2070.5
1.680	5400.	2073.4	4000.	2072.8	3300.	2072.4	2000.	2071.5
1.680	5400.	2075.0	4000.	2074.5	3300.	2074.2	2000.	2073.0