

Beaverdam Creek

BEAVERDAM

CREEK

 HEC2 RELEASE DATED NOV 76 UPDATED JULY 1979
 ERRCR CORR - 01,02,03
 MODIFICATION - 50,51,52,53,54

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

BEAVERDAM CREEK

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	LOK*S	VCH	AREA	.01K	
*	0.030	0.	0.0	0.0	2563.3	1600.0	2570.26	2570.26	2573.18	171.46	13.80	125.42	122.19
*	0.030	0.	0.0	0.0	2563.3	2700.0	2573.01	2573.01	2576.45	131.62	15.38	221.58	235.35
*	0.030	0.	0.0	0.0	2563.3	3300.0	2574.19	2574.19	2577.85	122.69	16.11	277.43	297.93
*	0.030	0.	0.0	0.0	2563.3	4700.0	2576.45	2576.45	2580.55	112.44	17.59	407.91	443.24
*	0.030	300.	2581.5	2577.0	2565.3	1600.0	2570.80	0.0	2575.80	332.44	18.24	101.57	87.75
*	0.030	300.	2581.5	2577.0	2565.3	2700.0	2573.72	0.0	2578.01	161.22	17.53	214.90	212.64
*	0.030	300.	2581.5	2577.0	2565.3	3300.0	2575.15	0.0	2579.15	125.11	17.30	289.30	295.03
*	0.030	300.	2581.5	2577.0	2565.3	4700.0	2579.84	0.0	2582.16	47.34	14.06	625.60	683.13
	0.030	10.	0.0	0.0	2565.3	1600.0	2575.41	2572.34	2576.28	26.27	8.08	304.67	312.17
*	0.030	10.	0.0	0.0	2565.3	2700.0	2576.58	2574.66	2578.34	46.97	11.69	377.27	393.95
	0.030	10.	0.0	0.0	2565.3	3300.0	2577.21	0.0	2579.41	55.52	13.22	420.20	442.89
	0.030	10.	0.0	0.0	2565.3	4700.0	2579.97	0.0	2582.21	45.53	13.88	636.43	696.53
	0.060	170.	0.0	0.0	2565.8	1595.0	2576.38	0.0	2576.51	4.56	2.88	554.18	747.05
	0.060	170.	0.0	0.0	2565.8	2690.0	2578.50	0.0	2578.72	6.25	3.74	719.31	1076.29
	0.060	170.	0.0	0.0	2565.8	3290.0	2579.60	0.0	2579.86	6.69	4.06	811.13	1271.74
	0.060	170.	0.0	0.0	2565.8	4685.0	2582.34	0.0	2582.64	6.51	4.43	1058.50	1835.91
*	0.060	10.	0.0	0.0	2578.5	1595.0	2582.56	2582.56	2583.86	182.39	9.13	174.62	118.10
*	0.060	10.	0.0	0.0	2578.5	2690.0	2583.65	2583.65	2585.42	165.75	10.67	252.64	208.94
*	0.060	10.	0.0	0.0	2578.5	3290.0	2584.18	2584.18	2586.16	153.92	11.29	295.38	265.19
*	0.060	10.	0.0	0.0	2578.5	4685.0	2585.31	2585.31	2587.66	133.15	12.39	406.94	406.01
*	0.070	30.	0.0	0.0	2578.0	1595.0	2583.20	2583.20	2584.79	133.90	10.24	176.92	137.84
*	0.070	30.	0.0	0.0	2578.0	2690.0	2584.71	2584.71	2586.53	109.19	11.37	331.54	257.43
*	0.070	30.	0.0	0.0	2578.0	3290.0	2585.31	2585.31	2587.28	106.44	12.05	406.30	318.89
*	0.070	30.	0.0	0.0	2578.0	4685.0	2586.51	2586.51	2588.73	100.45	13.24	576.87	467.46
	0.280	1020.	0.0	0.0	2581.0	1575.0	2589.50	0.0	2589.85	24.58	5.40	486.76	317.69
	0.280	1020.	0.0	0.0	2581.0	2660.0	2590.88	0.0	2591.26	24.22	6.09	818.01	540.45
	0.280	1020.	0.0	0.0	2581.0	3250.0	2591.52	0.0	2591.89	23.48	6.30	1010.95	670.67
	0.280	1020.	0.0	0.0	2581.0	4640.0	2592.72	0.0	2593.08	21.89	6.62	1451.28	991.72
	0.400	800.	0.0	0.0	2583.7	1565.0	2591.64	0.0	2591.86	25.27	5.09	583.90	311.32
	0.400	800.	0.0	0.0	2583.7	2645.0	2592.96	0.0	2593.19	23.70	5.55	881.98	543.26
	0.400	800.	0.0	0.0	2583.7	3230.0	2593.53	0.0	2593.78	23.42	5.78	1019.19	667.40
	0.400	800.	0.0	0.0	2583.7	4610.0	2594.64	0.0	2594.93	24.28	6.37	1286.65	935.54

SEONO	XLCH	ELTRD	ELLC	ELMIN	Q	CHSEL	CRIMS	EG	10K\$S	VCH	AREA	-OIK
0.650	1360.	0.0	0.0	2588.3	1545.0	2595.56	0.0	2596.30	38.44	6.95	232.15	249.18
0.650	1360.	0.0	0.0	2588.3	2610.0	2596.97	0.0	2598.20	50.02	9.09	323.09	369.05
0.650	1360.	0.0	0.0	2588.3	3190.0	2597.56	0.0	2599.03	54.53	10.02	369.55	431.98
0.650	1360.	0.0	0.0	2588.3	4555.0	2598.78	0.0	2600.67	60.59	11.67	486.80	585.17
0.980	1600.	0.0	0.0	2595.0	1520.0	2602.80	0.0	2603.19	48.11	5.87	451.04	219.15
0.980	1600.	0.0	0.0	2595.0	2565.0	2604.01	0.0	2604.24	28.50	5.17	875.63	480.66
0.980	1600.	0.0	0.0	2595.0	3140.0	2604.56	0.0	2604.76	24.27	5.04	1076.15	637.36
0.980	1600.	0.0	0.0	2595.0	4480.0	2605.68	0.0	2605.86	18.96	4.91	1502.59	1028.81
1.240	1200.	0.0	0.0	2602.9	1495.0	2608.90	0.0	2609.77	58.37	7.50	199.34	195.68
1.240	1200.	0.0	0.0	2602.9	2530.0	2609.33	2609.02	2611.41	126.25	11.54	222.90	225.16
1.240	1200.	0.0	0.0	2602.9	3095.0	2609.94	2609.94	2612.35	131.04	12.50	263.24	270.37
1.240	1200.	0.0	0.0	2602.9	4425.0	2611.41	2611.41	2614.15	119.14	13.53	380.52	405.40
1.400	870.	0.0	0.0	2608.0	1485.0	2614.13	2612.90	2615.08	62.84	7.88	214.51	187.34
1.400	870.	0.0	0.0	2608.0	2505.0	2616.05	0.0	2616.60	32.84	6.87	703.10	437.11
1.400	870.	0.0	0.0	2608.0	3065.0	2616.70	0.0	2617.17	28.55	6.74	911.57	573.60
1.400	870.	0.0	0.0	2608.0	4390.0	2617.95	0.0	2618.36	23.90	6.72	1326.73	898.04
1.480	400.	0.0	0.0	2611.7	1475.0	2617.01	0.0	2618.28	94.00	9.06	166.59	152.14
1.480	400.	0.0	0.0	2611.7	2495.0	2618.65	2618.65	2620.24	86.37	10.40	312.68	268.47
1.480	400.	0.0	0.0	2611.7	3050.0	2619.23	2619.23	2620.87	84.50	10.84	404.33	331.80
1.480	400.	0.0	0.0	2611.7	4370.0	2620.19	2620.19	2622.11	89.66	12.23	554.65	461.50
1.480	40.	0.0	0.0	2611.7	1475.0	2617.68	0.0	2618.61	58.70	7.76	197.66	192.52
1.480	40.	0.0	0.0	2611.7	2495.0	2619.73	0.0	2620.54	40.13	7.81	480.88	393.84
1.480	40.	0.0	0.0	2611.7	3050.0	2620.28	0.0	2621.17	41.08	8.36	569.57	475.84
1.480	40.	0.0	0.0	2611.7	4370.0	2621.35	0.0	2622.44	44.39	9.55	741.69	655.88
1.500	100.	2623.6	2618.8	2612.7	1475.0	2624.67	0.0	2624.72	1.66	2.18	1127.24	1144.22
1.500	100.	2623.6	2618.8	2612.7	2495.0	2625.76	0.0	2625.86	3.10	3.19	1314.14	1416.52
1.500	100.	2623.6	2618.8	2612.7	3050.0	2626.18	0.0	2626.32	3.98	3.70	1387.35	1528.69
1.500	100.	2623.6	2618.8	2612.7	4370.0	2627.06	0.0	2627.29	6.05	4.78	1543.01	1776.91
1.500	10.	0.0	0.0	2612.7	1475.0	2624.67	0.0	2624.72	1.66	2.18	1127.47	1144.54
1.500	10.	0.0	0.0	2612.7	2495.0	2625.76	0.0	2625.87	3.09	3.19	1316.29	1419.77
1.500	10.	0.0	0.0	2612.7	3050.0	2626.18	0.0	2626.32	3.96	3.69	1389.68	1532.33
1.500	10.	0.0	0.0	2612.7	4370.0	2627.07	0.0	2627.30	6.02	4.78	1545.83	1781.52
1.560	300.	0.0	0.0	2614.1	1470.0	2624.74	0.0	2624.77	1.75	1.89	1563.59	1112.44
1.560	300.	0.0	0.0	2614.1	2485.0	2625.91	0.0	2625.96	2.63	2.51	1966.80	1531.32
1.560	300.	0.0	0.0	2614.1	3040.0	2626.37	0.0	2626.44	3.12	2.82	2130.73	1720.63
1.560	300.	0.0	0.0	2614.1	4350.0	2627.37	0.0	2627.46	4.07	3.43	2484.96	2157.22
1.770	1000.	0.0	0.0	2620.6	1450.0	2626.12	2626.12	2626.79	71.00	7.73	353.00	172.08
1.770	1000.	0.0	0.0	2620.6	2455.0	2626.66	2626.66	2627.47	86.86	9.28	529.12	263.41
1.770	1000.	0.0	0.0	2620.6	3005.0	2626.91	2626.91	2627.76	91.16	9.84	616.36	314.74
1.770	1000.	0.0	0.0	2620.6	4305.0	2628.14	0.0	2628.57	42.10	7.77	1112.66	663.47
1.770	40.	0.0	0.0	2620.6	1450.0	2625.98	2625.98	2627.98	160.52	11.36	127.62	114.45
1.770	40.	0.0	0.0	2620.6	2455.0	2627.67	2627.67	2630.50	142.00	13.52	181.60	206.02
1.770	40.	0.0	0.0	2620.6	3005.0	2628.39	2628.39	2631.73	142.49	14.67	204.80	251.74
1.770	40.	0.0	0.0	2620.6	4305.0	2629.11	2629.11	2629.30	17.13	5.46	1563.08	1040.23

SECDU	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIMS	EG	10K*S	VCH	AREA	01K
1.770	30.	2631.4	2629.3	2620.6	1450.0	2625.98	0.0	2627.98	170.99	11.30	128.32	110.89
1.770	30.	2631.4	2629.3	2620.6	2450.0	2627.66	0.0	2630.50	131.40	12.89	190.47	214.17
1.770	30.	2631.4	2629.3	2620.6	3005.0	2631.92	0.0	2631.73	5.34	3.59	2988.02	1300.92
1.770	30.	2631.4	2629.3	2620.6	4305.0	2632.21	0.0	2632.34	8.28	4.64	3330.18	1496.33
1.770	20.	0.0	0.0	2621.8	1450.0	2627.44	2627.44	2628.39	91.75	8.64	404.21	151.38
1.770	20.	0.0	0.0	2621.8	2450.0	2630.63	0.0	2630.81	13.79	4.85	1732.07	661.16
1.770	20.	0.0	0.0	2621.8	3005.0	2631.64	0.0	2631.78	10.61	4.63	2278.48	922.66
1.770	20.	0.0	0.0	2621.8	4305.0	2632.18	0.0	2632.41	15.79	5.89	2589.31	1083.30
1.800	110.	0.0	0.0	2623.0	1450.0	2628.54	2628.54	2629.33	64.68	8.16	373.04	180.30
1.800	110.	0.0	0.0	2623.0	2450.0	2630.78	0.0	2630.96	13.91	5.04	1228.37	656.94
1.800	110.	0.0	0.0	2623.0	3000.0	2631.76	0.0	2631.89	9.19	4.50	1702.84	989.81
1.800	110.	0.0	0.0	2623.0	4300.0	2632.39	0.0	2632.56	11.94	5.42	2031.37	1244.23
1.800	40.	0.0	0.0	2623.0	1450.0	2628.36	2628.36	2630.36	132.92	11.35	127.74	125.77
1.800	40.	0.0	0.0	2623.0	2450.0	2630.01	2630.01	2632.87	120.21	13.59	180.34	223.46
1.800	40.	0.0	0.0	2623.0	3000.0	2630.83	2630.83	2634.10	114.55	14.52	206.61	280.30
1.800	40.	0.0	0.0	2623.0	4300.0	2632.62	2632.62	2636.74	103.95	16.29	264.01	421.76
1.850	265.	2652.6	2633.1	2624.0	1450.0	2629.54	0.0	2630.36	37.99	7.28	199.30	235.24
1.850	265.	2652.6	2633.1	2624.0	2450.0	2631.82	0.0	2633.00	34.31	8.70	281.50	418.27
1.850	265.	2652.6	2633.1	2624.0	3000.0	2632.94	0.0	2634.29	32.97	9.33	321.70	522.49
1.850	265.	2652.6	2633.1	2624.0	4300.0	2635.32	0.0	2637.05	30.76	10.55	407.64	775.28
1.850	10.	0.0	0.0	2625.1	1450.0	2629.62	2629.62	2630.93	117.23	9.25	169.86	133.92
1.850	10.	0.0	0.0	2625.1	2450.0	2632.51	0.0	2633.09	27.00	6.56	548.47	471.50
1.850	10.	0.0	0.0	2625.1	3000.0	2634.41	0.0	2634.41	11.56	5.11	1138.45	882.52
1.850	10.	0.0	0.0	2625.1	4300.0	2637.10	0.0	2637.22	3.69	3.68	2707.58	2238.43
2.060	1190.	0.0	0.0	2632.1	1385.0	2639.60	0.0	2640.01	51.93	6.17	465.64	192.19
2.060	1190.	0.0	0.0	2632.1	2345.0	2639.94	2639.94	2640.65	93.78	8.57	589.73	242.16
2.060	1190.	0.0	0.0	2632.1	2910.0	2640.19	2640.19	2640.95	103.51	9.22	686.36	286.03
2.060	1190.	0.0	0.0	2632.1	4180.0	2640.67	2640.67	2641.54	121.30	10.41	866.75	379.53
2.240	840.	0.0	0.0	2639.4	1340.0	2644.73	0.0	2645.10	72.00	6.16	393.42	157.92
2.240	840.	0.0	0.0	2639.4	2270.0	2645.82	0.0	2646.09	46.37	5.71	694.42	333.37
2.240	840.	0.0	0.0	2639.4	2845.0	2646.25	0.0	2646.54	45.33	6.00	816.88	422.56
2.240	840.	0.0	0.0	2639.4	4095.0	2647.06	0.0	2647.40	44.28	6.57	1052.58	615.38
2.240	40.	0.0	0.0	2639.4	1340.0	2644.64	2644.64	2646.45	225.54	10.78	124.33	89.23
2.240	40.	0.0	0.0	2639.4	2270.0	2646.04	0.0	2646.26	36.30	5.21	755.70	376.78
2.240	40.	0.0	0.0	2639.4	2845.0	2646.47	0.0	2646.71	36.68	5.55	877.55	469.77
2.240	40.	0.0	0.0	2639.4	4095.0	2647.27	0.0	2647.57	37.23	6.17	1115.81	671.18
2.240	20.	2646.0	2645.8	2639.4	1340.0	2647.25	0.0	2647.28	4.06	2.03	1109.12	665.19
2.240	20.	2646.0	2645.8	2639.4	2270.0	2648.15	0.0	2648.21	6.00	2.72	1385.97	926.78
2.240	20.	2646.0	2645.8	2639.4	2845.0	2648.53	0.0	2648.60	7.36	3.12	1505.96	1058.87
2.240	20.	2646.0	2645.8	2639.4	4095.0	2649.23	0.0	2649.34	10.01	3.88	1735.92	1294.56
2.240	10.	0.0	0.0	2639.4	1340.0	2647.25	0.0	2647.29	4.05	2.03	1110.29	666.23
2.240	10.	0.0	0.0	2639.4	2270.0	2648.15	0.0	2648.21	5.94	2.71	1390.28	931.08
2.240	10.	0.0	0.0	2639.4	2845.0	2648.53	0.0	2648.61	7.29	3.11	1510.76	1053.84
2.240	10.	0.0	0.0	2639.4	4095.0	2649.24	0.0	2649.35	9.91	3.86	1741.63	1300.83

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CMSEL	CRIMS	EG	IKR*S	VCH	AREA	-OIK
* 2.410	880.	0.0	0.0	2646.8	1300.0	2652.41	2652.41	2652.95	102.38	7.01	368.51	128.48
* 2.410	880.	0.0	0.0	2646.8	2200.0	2652.90	2652.90	2653.47	118.00	8.01	584.63	202.53
* 2.410	880.	0.0	0.0	2646.8	2785.0	2653.11	2653.11	2653.75	129.32	8.69	687.27	244.90
* 2.410	880.	0.0	0.0	2646.8	4015.0	2653.50	2653.50	2654.24	145.02	9.83	878.62	333.60
* 2.450	240.	0.0	0.0	2647.6	1290.0	2653.96	0.0	2654.09	25.51	3.89	711.21	255.39
* 2.450	240.	0.0	0.0	2647.6	2180.0	2654.59	0.0	2654.74	28.13	4.53	1031.48	411.06
* 2.450	240.	0.0	0.0	2647.6	2770.0	2654.93	0.0	2655.09	29.32	4.85	1214.08	511.56
* 2.450	240.	0.0	0.0	2647.6	3995.0	2655.51	0.0	2655.70	31.39	5.43	1547.57	713.09
* 2.450	40.	0.0	0.0	2647.6	1290.0	2654.07	0.0	2654.18	21.20	3.62	766.29	280.18
* 2.450	40.	0.0	0.0	2647.6	2180.0	2654.72	0.0	2654.85	23.92	4.26	1096.38	455.74
* 2.450	40.	0.0	0.0	2647.6	2770.0	2655.06	0.0	2655.20	25.19	4.58	1283.80	551.96
* 2.450	40.	0.0	0.0	2647.6	3995.0	2655.65	0.0	2655.82	27.30	5.15	1627.80	764.91
* 2.450	20.	2654.8	2655.1	2649.6	1290.0	2655.50	2655.50	2656.42	100.39	7.91	224.43	128.15
* 2.450	20.	2654.8	2655.1	2649.6	2180.0	2656.54	0.0	2657.20	70.15	7.72	595.03	260.28
* 2.450	20.	2654.8	2655.1	2649.6	2770.0	2656.82	0.0	2657.55	79.13	8.50	709.88	311.40
* 2.450	20.	2654.8	2655.1	2649.6	3995.0	2657.27	0.0	2658.15	95.34	9.85	908.06	409.14
* 2.450	10.	0.0	0.0	2649.6	1290.0	2656.11	0.0	2656.54	44.49	5.79	425.30	193.41
* 2.450	10.	0.0	0.0	2649.6	2180.0	2656.82	0.0	2657.28	48.79	6.68	711.38	312.10
* 2.450	10.	0.0	0.0	2649.6	2770.0	2657.15	0.0	2657.64	52.79	7.23	853.80	381.26
* 2.450	10.	0.0	0.0	2649.6	3995.0	2657.71	0.0	2658.26	58.33	8.10	1116.02	523.07
* 2.750	1370.	0.0	0.0	2660.8	1215.0	2666.44	2666.44	2667.91	176.00	9.95	141.17	91.58
* 2.750	1370.	0.0	0.0	2660.8	2060.0	2667.98	2667.98	2669.25	124.82	9.98	308.31	184.39
* 2.750	1370.	0.0	0.0	2660.8	2665.0	2668.51	2668.51	2669.91	127.74	10.80	385.92	235.80
* 2.750	1370.	0.0	0.0	2660.8	3850.0	2669.35	2669.35	2670.96	131.96	12.09	520.86	335.14
* 2.750	40.	0.0	0.0	2661.8	1215.0	2667.09	0.0	2668.72	190.70	10.23	118.72	87.98
* 2.750	40.	0.0	0.0	2661.8	2060.0	2668.90	2668.90	2669.85	87.36	8.77	338.50	220.40
* 2.750	40.	0.0	0.0	2661.8	2665.0	2669.11	2669.11	2670.47	122.08	10.63	364.93	241.20
* 2.750	40.	0.0	0.0	2661.8	3850.0	2670.64	2670.19	2671.39	61.21	8.87	734.71	492.08
* 2.750	30.	2669.8	2670.2	2661.8	1215.0	2667.09	0.0	2668.72	190.68	10.23	118.72	87.99
* 2.750	30.	2669.8	2670.2	2661.8	2060.0	2671.68	0.0	2671.81	8.91	3.71	952.42	690.09
* 2.750	30.	2669.8	2670.2	2661.8	2665.0	2672.15	0.0	2672.32	11.36	4.35	1057.85	790.75
* 2.750	30.	2669.8	2670.2	2661.8	3850.0	2673.03	0.0	2673.27	14.70	5.29	1271.03	1004.26
* 2.750	10.	0.0	0.0	2661.8	1215.0	2668.63	0.0	2668.91	30.78	5.02	384.66	219.01
* 2.750	10.	0.0	0.0	2661.8	2060.0	2671.69	0.0	2671.82	8.86	3.71	954.34	691.91
* 2.750	10.	0.0	0.0	2661.8	2665.0	2672.16	0.0	2672.33	11.28	4.34	1060.63	793.43
* 2.750	10.	0.0	0.0	2661.8	3850.0	2673.05	0.0	2673.29	14.58	5.28	1274.78	1008.13
* 2.850	480.	0.0	0.0	2665.3	1190.0	2671.30	2671.30	2673.20	206.72	11.16	116.64	82.77
* 2.850	480.	0.0	0.0	2665.3	2020.0	2673.42	2673.42	2674.18	75.02	8.46	489.18	233.22
* 2.850	480.	0.0	0.0	2665.3	2630.0	2673.77	2673.77	2674.59	83.29	9.25	602.35	288.17
* 2.850	480.	0.0	0.0	2665.3	3805.0	2674.28	2674.28	2675.23	98.33	10.57	775.14	383.72
* 2.850	40.	0.0	0.0	2665.3	1190.0	2673.31	0.0	2673.61	29.83	5.27	454.42	217.86
* 2.850	40.	0.0	0.0	2665.3	2020.0	2674.08	0.0	2674.42	34.44	6.14	705.64	344.21
* 2.850	40.	0.0	0.0	2665.3	2630.0	2674.48	0.0	2674.85	38.05	6.70	842.16	426.33
* 2.850	40.	0.0	0.0	2665.3	3805.0	2675.10	0.0	2675.53	44.26	7.64	1056.97	571.94

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CANSEL	CRIMS	EG	10K*S	VCH	AREA	.01K
2.850	30.	2672.0	2672.3	2666.2	1190.0	2673.28	0.0	2673.62	33.85	5.59	435.94	204.53
2.850	30.	2672.0	2672.3	2666.2	2020.0	2674.11	0.0	2674.45	34.93	6.23	708.26	341.76
2.850	30.	2672.0	2672.3	2666.2	2630.0	2674.55	0.0	2674.91	36.76	6.68	858.74	433.78
2.850	30.	2672.0	2672.3	2666.2	3805.0	2675.22	0.0	2675.62	40.95	7.50	1090.77	534.60
2.850	10.	0.0	0.0	2666.2	1190.0	2673.35	0.0	2673.66	31.22	5.41	455.53	212.98
2.850	10.	0.0	0.0	2666.2	2020.0	2674.16	0.0	2674.48	33.38	6.12	721.86	349.65
2.850	10.	0.0	0.0	2666.2	2630.0	2674.61	0.0	2674.94	35.20	6.56	873.45	443.31
2.850	10.	0.0	0.0	2666.2	3805.0	2675.27	0.0	2675.66	39.26	7.37	1107.81	607.23
2.950	460.	0.0	0.0	2669.5	1190.0	2675.96	2675.96	2676.75	76.66	7.77	265.12	135.91
2.950	460.	0.0	0.0	2669.5	2020.0	2676.73	2676.73	2677.53	80.21	8.76	483.70	225.55
2.950	460.	0.0	0.0	2669.5	2630.0	2677.10	2677.10	2677.93	85.78	9.44	602.90	283.96
2.950	460.	0.0	0.0	2669.5	3805.0	2677.68	0.0	2678.56	92.80	10.43	797.36	394.98
3.030	420.	0.0	0.0	2674.4	1145.0	2679.59	0.0	2680.47	101.21	7.54	152.67	113.81
3.030	420.	0.0	0.0	2674.4	1945.0	2680.75	2680.75	2681.59	79.53	8.05	393.78	218.09
3.030	420.	0.0	0.0	2674.4	2565.0	2681.21	2681.21	2682.09	81.61	8.66	520.01	283.93
3.030	420.	0.0	0.0	2674.4	3720.0	2681.82	2681.82	2682.81	88.81	9.73	707.39	394.73
3.100	350.	0.0	0.0	2678.7	1145.0	2683.72	0.0	2684.68	142.63	7.88	145.38	95.87
3.100	350.	0.0	0.0	2678.7	1945.0	2684.96	2684.96	2685.85	105.64	8.24	370.32	189.23
3.100	350.	0.0	0.0	2678.7	2565.0	2685.45	2685.45	2686.32	101.28	8.62	504.85	254.87
3.100	350.	0.0	0.0	2678.7	3720.0	2686.05	2686.05	2687.02	109.10	9.63	685.31	356.16
3.200	500.	0.0	0.0	2684.7	1090.0	2690.00	0.0	2690.75	103.05	6.97	160.13	107.37
3.200	500.	0.0	0.0	2684.7	1850.0	2690.90	2690.90	2691.77	104.16	8.10	352.38	181.27
3.200	500.	0.0	0.0	2684.7	2485.0	2691.29	2691.29	2692.27	115.31	9.01	458.97	231.42
3.200	500.	0.0	0.0	2684.7	3610.0	2692.00	2692.00	2692.96	109.29	9.57	667.04	345.32
3.260	370.	0.0	0.0	2687.0	1030.0	2693.10	0.0	2693.65	60.11	5.99	173.62	132.85
3.260	370.	0.0	0.0	2687.0	1750.0	2694.25	2694.25	2695.16	79.87	7.83	264.08	195.82
3.260	370.	0.0	0.0	2687.0	2400.0	2694.92	2694.84	2695.89	83.34	8.51	427.78	262.89
3.260	370.	0.0	0.0	2687.0	3500.0	2695.68	2695.68	2696.63	83.64	9.14	683.03	382.71
3.500	1200.	0.0	0.0	2703.2	1030.0	2707.06	2707.06	2707.86	147.22	7.45	177.62	84.89
3.500	1200.	0.0	0.0	2703.2	1750.0	2707.86	2707.86	2708.62	124.42	7.95	360.15	156.89
3.500	1200.	0.0	0.0	2703.2	2400.0	2708.24	2708.24	2709.10	135.10	8.80	467.11	206.48
3.500	1200.	0.0	0.0	2703.2	3500.0	2708.86	2708.86	2709.76	128.55	9.49	655.97	308.70
3.500	40.	0.0	0.0	2703.2	1030.0	2707.91	0.0	2708.21	45.05	4.83	296.77	153.46
3.500	40.	0.0	0.0	2703.2	1750.0	2708.65	0.0	2708.94	41.59	5.22	590.66	271.37
3.500	40.	0.0	0.0	2703.2	2400.0	2709.11	0.0	2709.44	45.32	5.86	735.80	356.52
3.500	40.	0.0	0.0	2703.2	3500.0	2709.70	0.0	2710.12	52.14	6.82	933.40	484.72
3.500	30.	2709.2	2708.1	2703.2	1030.0	2709.17	0.0	2709.27	11.12	2.93	514.27	308.84
3.500	30.	2709.2	2708.1	2703.2	1750.0	2710.85	0.0	2710.90	4.79	2.37	1367.38	799.28
3.500	30.	2709.2	2708.1	2703.2	2400.0	2711.42	0.0	2711.48	5.81	2.77	1626.18	995.45
3.500	30.	2709.2	2708.1	2703.2	3500.0	2712.07	0.0	2712.16	7.87	3.42	1933.97	1247.81
3.500	10.	0.0	0.0	2703.2	1030.0	2709.23	0.0	2709.28	7.36	2.40	773.31	379.76
3.500	10.	0.0	0.0	2703.2	1750.0	2710.86	0.0	2710.90	4.74	2.36	1373.49	803.75
3.500	10.	0.0	0.0	2703.2	2400.0	2711.43	0.0	2711.49	5.75	2.75	1633.51	1001.22
3.500	10.	0.0	0.0	2703.2	3500.0	2712.08	0.0	2712.16	7.83	3.41	1937.83	1251.14

SECNO	XLCH	ELIRD	ELLC	ELMIN	Q	CHSEL	CRWS	EG	10K*\$	VCH	AREA	.01K
2.850	30.	2672.0	2672.3	2666.2	1190.0	2673.28	0.0	2673.62	33.85	5.59	435.94	204.53
2.850	30.	2672.0	2672.3	2666.2	2020.0	2674.11	0.0	2674.45	34.93	6.23	708.26	341.76
2.850	30.	2672.0	2672.3	2666.2	2630.0	2674.55	0.0	2674.91	36.76	6.88	858.74	433.78
2.850	30.	2672.0	2672.3	2666.2	3805.0	2675.22	0.0	2675.62	40.95	7.50	1090.77	534.60
2.850	10.	0.0	0.0	2666.2	1190.0	2673.35	0.0	2673.66	31.22	5.41	455.53	212.98
2.850	10.	0.0	0.0	2666.2	2020.0	2674.16	0.0	2674.48	33.38	6.12	721.86	349.65
2.850	10.	0.0	0.0	2666.2	2630.0	2674.61	0.0	2674.94	35.20	6.56	873.45	443.31
2.850	10.	0.0	0.0	2666.2	3805.0	2675.27	0.0	2675.66	39.26	7.37	1107.81	607.23
2.950	460.	0.0	0.0	2669.5	1190.0	2675.96	2675.96	2676.75	76.66	7.77	265.12	135.91
2.950	460.	0.0	0.0	2669.5	2020.0	2676.73	2676.73	2677.53	80.21	8.76	483.70	225.55
2.950	460.	0.0	0.0	2669.5	2630.0	2677.10	2677.10	2677.93	85.78	9.44	602.90	283.96
2.950	460.	0.0	0.0	2669.5	3805.0	2677.68	0.0	2678.56	92.80	10.43	797.36	394.98
3.030	420.	0.0	0.0	2674.4	1145.0	2679.59	0.0	2680.47	101.21	7.54	152.67	113.81
3.030	420.	0.0	0.0	2674.4	1945.0	2680.75	2680.75	2681.59	79.53	8.05	393.78	218.09
3.030	420.	0.0	0.0	2674.4	2565.0	2681.21	2681.21	2682.09	81.61	8.66	520.01	283.93
3.030	420.	0.0	0.0	2674.4	3720.0	2681.82	2681.82	2682.81	88.81	9.73	707.39	394.73
3.100	350.	0.0	0.0	2678.7	1145.0	2683.72	0.0	2684.68	142.63	7.88	145.38	95.87
3.100	350.	0.0	0.0	2678.7	1945.0	2684.96	2684.96	2685.85	105.64	8.24	370.32	189.23
3.100	350.	0.0	0.0	2678.7	2565.0	2685.45	2685.45	2686.32	101.28	8.62	504.85	254.87
3.100	350.	0.0	0.0	2678.7	3720.0	2686.05	2686.05	2687.02	109.10	9.63	685.31	356.16
3.200	500.	0.0	0.0	2684.7	1090.0	2690.00	0.0	2690.75	103.05	6.97	160.13	107.37
3.200	500.	0.0	0.0	2684.7	1850.0	2690.90	2690.90	2691.77	104.16	8.10	352.38	181.27
3.200	500.	0.0	0.0	2684.7	2485.0	2691.29	2691.29	2692.27	115.31	9.01	458.97	231.42
3.200	500.	0.0	0.0	2684.7	3610.0	2692.00	2692.00	2692.96	109.29	9.57	667.04	345.32
3.260	370.	0.0	0.0	2687.0	1030.0	2693.10	0.0	2693.65	60.11	5.99	173.62	132.85
3.260	370.	0.0	0.0	2687.0	1750.0	2694.25	2692.54	2695.16	79.87	7.83	264.08	195.82
3.260	370.	0.0	0.0	2687.0	2400.0	2694.92	2694.84	2695.89	83.34	8.51	427.78	262.89
3.260	370.	0.0	0.0	2687.0	3500.0	2695.68	2695.68	2696.63	83.64	9.14	683.03	382.71
3.500	1200.	0.0	0.0	2703.2	1030.0	2707.06	2707.06	2707.86	147.22	7.45	177.62	84.89
3.500	1200.	0.0	0.0	2703.2	1750.0	2707.86	2707.86	2708.62	124.42	7.95	360.15	156.89
3.500	1200.	0.0	0.0	2703.2	2400.0	2708.24	2708.24	2709.10	135.10	8.80	467.11	206.48
3.500	1200.	0.0	0.0	2703.2	3500.0	2708.86	2708.86	2709.76	128.55	9.49	655.97	308.70
3.500	40.	0.0	0.0	2703.2	1030.0	2707.91	0.0	2708.21	45.05	4.83	296.77	153.46
3.500	40.	0.0	0.0	2703.2	1750.0	2708.65	0.0	2708.94	41.59	5.22	590.66	271.37
3.500	40.	0.0	0.0	2703.2	2400.0	2709.11	0.0	2709.44	45.32	5.86	735.80	356.52
3.500	40.	0.0	0.0	2703.2	3500.0	2709.70	0.0	2710.12	52.14	6.82	933.40	484.72
3.500	30.	2709.2	2708.1	2703.2	1030.0	2709.17	0.0	2709.27	11.12	2.93	514.27	308.84
3.500	30.	2709.2	2708.1	2703.2	1750.0	2710.85	0.0	2710.90	4.79	2.37	1367.38	799.28
3.500	30.	2709.2	2708.1	2703.2	2400.0	2711.42	0.0	2711.48	5.81	2.77	1626.18	995.45
3.500	30.	2709.2	2708.1	2703.2	3500.0	2712.07	0.0	2712.16	7.87	3.42	1933.97	1247.81
3.500	10.	0.0	0.0	2703.2	1030.0	2709.23	0.0	2709.28	7.36	2.40	773.31	379.76
3.500	10.	0.0	0.0	2703.2	1750.0	2710.86	0.0	2710.90	4.74	2.36	1373.49	803.75
3.500	10.	0.0	0.0	2703.2	2400.0	2711.43	0.0	2711.49	5.75	2.75	1633.51	1001.22
3.500	10.	0.0	0.0	2703.2	3500.0	2712.08	0.0	2712.16	7.83	3.41	1937.83	1251.14

BEAVERDAM CREEK

SUMMARY PRINTOUT TABLE 150

	SECND	Q	CHSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
*	0.030	1600.	2570.3	0.0	0.0	0.0	27.42	0.0
*	0.030	2700.	2573.0	2.8	0.0	0.0	43.46	0.0
*	0.030	3300.	2574.2	1.2	0.0	0.0	50.88	0.0
*	0.030	4700.	2576.4	2.3	0.0	0.0	65.01	0.0
*	0.030	1600.	2570.8	0.0	0.5	0.0	29.59	300.0
*	0.030	2700.	2573.7	2.9	0.7	0.0	47.94	300.0
*	0.030	3300.	2575.1	1.4	1.0	0.0	56.85	300.0
*	0.030	4700.	2579.8	4.7	3.4	0.0	86.32	300.0
	0.030	1600.	2575.4	0.0	4.6	0.0	58.52	10.0
*	0.030	2700.	2576.6	1.2	2.9	0.0	65.85	10.0
	0.030	3300.	2577.2	0.6	2.1	0.0	69.82	10.0
	0.030	4700.	2580.0	2.8	0.1	0.0	86.92	10.0
	0.060	1595.	2576.4	0.0	1.0	0.0	73.97	170.0
	0.060	2690.	2578.5	2.1	1.9	0.0	81.50	170.0
	0.060	3290.	2579.6	1.1	2.4	0.0	85.40	170.0
	0.060	4685.	2582.3	2.7	2.4	0.0	95.12	170.0
*	0.060	1595.	2582.6	0.0	6.2	0.0	68.53	10.0
	0.060	2690.	2583.6	1.1	5.1	0.0	74.45	10.0
	0.060	3290.	2584.2	0.5	4.6	0.0	88.68	10.0
*	0.060	4685.	2585.3	1.1	3.0	0.0	105.36	10.0
*	0.070	1595.	2583.2	0.0	0.6	0.0	75.05	30.0
*	0.070	2690.	2584.7	1.5	1.1	0.0	120.82	30.0
*	0.070	3290.	2585.3	0.6	1.1	0.0	131.00	30.0
*	0.070	4685.	2586.5	1.2	1.2	0.0	156.17	30.0
	0.280	1575.	2589.5	0.0	6.3	0.0	220.91	1020.0
	0.280	2660.	2590.9	1.4	6.2	0.0	253.40	1020.0
	0.280	3250.	2591.5	0.6	6.2	0.0	348.92	1020.0
	0.280	4640.	2592.7	1.2	6.2	0.0	379.96	1020.0
	0.400	1565.	2591.6	0.0	2.1	0.0	218.95	800.0
	0.400	2645.	2593.0	1.3	2.1	0.0	231.77	800.0
	0.400	3230.	2593.5	0.6	2.0	0.0	237.42	800.0
	0.400	4610.	2594.6	1.1	1.9	0.0	247.03	800.0
	0.650	1545.	2595.6	0.0	3.9	0.0	49.75	1360.0
	0.650	2610.	2597.0	1.4	4.0	0.0	73.68	1360.0
	0.650	3190.	2597.6	0.6	4.0	0.0	83.91	1360.0
	0.650	4555.	2598.8	1.2	4.1	0.0	106.78	1360.0
	0.980	1520.	2602.8	0.0	7.2	0.0	334.54	1600.0
	0.980	2565.	2604.0	1.2	7.0	0.0	363.25	1600.0
	0.980	3140.	2604.6	0.5	7.0	0.0	372.37	1600.0
	0.980	4480.	2605.7	1.1	6.9	0.0	391.06	1600.0
	1.240	1495.	2608.9	0.0	6.1	0.0	43.24	1200.0
	1.240	2530.	2609.3	0.4	5.3	0.0	64.71	1200.0
*	1.240	3095.	2609.9	0.6	5.4	0.0	71.36	1200.0
*	1.240	4425.	2611.4	1.5	5.7	0.0	87.88	1200.0

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
1.400	1485.	2614.1	0.0	5.2	0.0	142.78	870.00
1.400	2505.	2616.1	1.9	6.7	0.0	313.35	870.00
1.400	3065.	2616.7	0.6	6.8	0.0	323.71	870.00
1.400	4390.	2618.0	1.3	6.5	0.0	341.27	870.00
1.480	1475.	2617.0	0.0	2.9	0.0	44.54	400.00
* 1.480	2495.	2618.6	1.6	2.6	0.0	154.81	400.00
* 1.480	3050.	2619.2	0.6	2.5	0.0	156.55	400.00
* 1.480	4370.	2620.2	1.0	2.2	0.0	159.29	400.00
1.480	1475.	2617.7	0.0	0.7	0.0	48.16	40.00
1.480	2495.	2619.7	2.0	1.1	0.0	157.96	40.00
1.480	3050.	2620.3	0.6	1.0	0.0	159.56	40.00
1.480	4370.	2621.4	1.1	1.2	0.0	162.61	40.00
* 1.500	1475.	2624.7	0.0	7.0	0.0	169.76	100.00
1.500	2495.	2625.8	1.1	6.0	0.0	173.35	100.00
1.500	3050.	2626.2	0.4	5.9	0.0	174.74	100.00
1.500	4370.	2627.1	0.9	5.7	0.0	177.66	100.00
1.500	1475.	2624.7	0.0	0.0	0.0	169.76	10.00
1.500	2495.	2625.8	1.1	0.0	0.0	173.40	10.00
1.500	3050.	2626.2	0.4	0.0	0.0	174.79	10.00
1.500	4370.	2627.1	0.9	0.0	0.0	177.71	10.00
1.560	1470.	2624.7	0.0	0.1	0.0	344.07	300.00
1.560	2485.	2625.9	1.2	0.1	0.0	349.64	300.00
1.560	3040.	2626.4	0.5	0.2	0.0	352.56	300.00
1.560	4350.	2627.4	1.0	0.3	0.0	358.79	300.00
* 1.770	1450.	2626.1	0.0	1.4	0.0	309.64	1000.00
* 1.770	2455.	2626.7	0.5	0.7	0.0	344.03	1000.00
* 1.770	3005.	2626.9	0.2	0.5	0.0	358.93	1000.00
1.770	4305.	2628.1	1.2	0.8	0.0	440.85	1000.00
* 1.770	1450.	2626.0	0.0	-0.1	0.0	32.00	40.00
* 1.770	2455.	2627.7	1.7	1.0	0.0	32.00	40.00
* 1.770	3005.	2628.4	0.7	1.5	0.0	32.00	40.00
* 1.770	4305.	2629.1	0.7	1.0	0.0	498.49	40.00
1.770	1450.	2626.0	0.0	0.0	0.0	32.00	30.00
1.770	2455.	2627.9	1.9	0.3	0.0	32.00	30.00
* 1.770	3005.	2631.7	3.7	3.3	0.0	605.35	30.00
1.770	4305.	2632.2	0.6	3.1	0.0	635.95	30.00
* 1.770	1450.	2627.4	0.0	1.5	0.0	315.40	20.00
1.770	2455.	2630.6	3.2	2.7	0.0	514.67	20.00
1.770	3005.	2631.6	1.0	-0.0	0.0	558.89	20.00
1.770	4305.	2632.2	0.5	-0.0	0.0	579.70	20.00
* 1.800	1450.	2628.5	0.0	1.1	0.0	308.49	110.00
1.800	2450.	2630.8	2.2	0.1	0.0	455.37	110.00
1.800	3000.	2631.8	1.0	0.1	0.0	511.72	110.00
1.800	4300.	2632.4	0.6	0.2	0.0	540.25	110.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
1.400	1485.	2614.1	0.0	5.2	0.0	142.78	870.00
1.400	2505.	2616.1	1.9	6.7	0.0	313.35	870.00
1.400	3065.	2616.7	0.6	6.8	0.0	323.71	870.00
1.400	4390.	2618.0	1.3	6.5	0.0	341.27	870.00
1.480	1475.	2617.0	0.0	2.9	0.0	44.54	400.00
* 1.480	2495.	2618.6	1.6	2.6	0.0	154.81	400.00
* 1.480	3050.	2619.2	0.6	2.5	0.0	156.55	400.00
* 1.480	4370.	2620.2	1.0	2.2	0.0	159.29	400.00
1.480	1475.	2617.7	0.0	0.7	0.0	48.16	40.00
1.480	2495.	2619.7	2.0	1.1	0.0	157.96	40.00
1.480	3050.	2620.3	0.6	1.0	0.0	159.56	40.00
1.480	4370.	2621.4	1.1	1.2	0.0	162.61	40.00
* 1.500	1475.	2624.7	0.0	7.0	0.0	169.76	100.00
1.500	2495.	2625.8	1.1	6.0	0.0	173.35	100.00
1.500	3050.	2626.2	0.4	5.9	0.0	174.74	100.00
1.500	4370.	2627.1	0.9	5.7	0.0	177.66	100.00
1.500	1475.	2624.7	0.0	0.0	0.0	169.76	10.00
1.500	2495.	2625.8	1.1	0.0	0.0	173.40	10.00
1.500	3050.	2626.2	0.4	0.0	0.0	174.79	10.00
1.500	4370.	2627.1	0.9	0.0	0.0	177.71	10.00
1.560	1470.	2624.7	0.0	0.1	0.0	344.07	300.00
1.560	2485.	2625.9	1.2	0.1	0.0	349.64	300.00
1.560	3040.	2626.4	0.5	0.2	0.0	352.56	300.00
1.560	4350.	2627.4	1.0	0.3	0.0	358.79	300.00
* 1.770	1450.	2626.1	0.0	1.4	0.0	309.64	1000.00
* 1.770	2455.	2626.7	0.5	0.7	0.0	344.03	1000.00
* 1.770	3005.	2626.9	0.2	0.5	0.0	358.93	1000.00
1.770	4305.	2628.1	1.2	0.8	0.0	440.85	1000.00
* 1.770	1450.	2626.0	0.0	-0.1	0.0	32.00	40.00
* 1.770	2455.	2627.7	1.7	1.0	0.0	32.00	40.00
* 1.770	3005.	2628.4	0.7	1.5	0.0	32.00	40.00
* 1.770	4305.	2629.1	0.7	1.0	0.0	498.49	40.00
1.770	1450.	2626.0	0.0	0.0	0.0	32.00	30.00
1.770	2455.	2627.9	1.9	0.3	0.0	32.00	30.00
* 1.770	3005.	2631.7	3.7	3.3	0.0	605.35	30.00
1.770	4305.	2632.2	0.6	3.1	0.0	635.95	30.00
* 1.770	1450.	2627.4	0.0	1.5	0.0	315.40	20.00
1.770	2455.	2630.6	3.2	2.7	0.0	514.67	20.00
1.770	3005.	2631.6	1.0	-0.0	0.0	558.89	20.00
1.770	4305.	2632.2	0.5	-0.0	0.0	579.70	20.00
* 1.800	1450.	2628.5	0.0	1.1	0.0	308.49	110.00
1.800	2450.	2630.8	2.2	0.1	0.0	455.37	110.00
1.800	3000.	2631.8	1.0	0.1	0.0	511.72	110.00
1.800	4300.	2632.4	0.6	0.2	0.0	540.25	110.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
* 1.800	1450.	2628.4	0.0	-0.2	0.0	32.00	40.00
1.800	2450.	2630.0	1.6	-0.8	0.0	32.00	40.00
* 1.800	3000.	2630.8	0.8	-0.9	0.0	32.00	40.00
* 1.800	4300.	2632.6	1.8	0.2	0.0	32.00	40.00
1.850	1450.	2629.5	0.0	1.2	0.0	36.00	265.00
1.850	2450.	2631.8	2.3	1.8	0.0	36.00	265.00
1.850	3000.	2632.9	1.1	2.1	0.0	36.00	265.00
1.850	4300.	2635.3	2.4	2.7	0.0	36.00	265.00
* 1.850	1450.	2629.6	0.0	0.1	0.0	81.37	10.00
1.850	2450.	2632.5	2.9	0.7	0.0	302.61	10.00
1.850	3000.	2634.1	1.6	1.2	0.0	414.27	10.00
1.850	4300.	2637.1	3.0	1.8	0.0	634.80	10.00
2.060	1385.	2639.6	0.0	10.0	0.0	362.82	1190.00
* 2.060	2345.	2639.9	0.3	7.4	0.0	374.57	1190.00
* 2.060	2910.	2640.2	0.3	6.1	0.0	377.85	1190.00
* 2.060	4180.	2640.7	0.5	3.6	0.0	380.38	1190.00
2.240	1340.	2644.7	0.0	5.1	0.0	263.89	840.00
2.240	2270.	2645.8	1.1	5.9	0.0	280.30	840.00
2.240	2845.	2646.3	0.4	6.1	0.0	286.10	840.00
2.240	4095.	2647.1	0.8	6.4	0.0	298.37	840.00
* 2.240	1340.	2644.6	0.0	-0.1	0.0	35.55	40.00
2.240	2270.	2646.0	1.4	0.2	0.0	282.83	40.00
2.240	2845.	2646.5	0.4	0.2	0.0	289.31	40.00
2.240	4095.	2647.3	0.8	0.2	0.0	301.58	40.00
2.240	1340.	2647.2	0.0	2.6	0.0	301.24	20.00
2.240	2270.	2648.1	0.9	2.1	0.0	315.04	20.00
2.240	2845.	2648.5	0.4	2.1	0.0	321.81	20.00
2.240	4095.	2649.2	0.7	2.0	0.0	334.38	20.00
2.240	1340.	2647.3	0.0	0.0	0.0	301.30	10.00
2.240	2270.	2648.2	0.9	0.0	0.0	315.29	10.00
2.240	2845.	2648.5	0.4	0.0	0.0	322.07	10.00
2.240	4095.	2649.2	0.7	0.0	0.0	334.69	10.00
* 2.410	1300.	2652.4	0.0	5.2	0.0	420.94	880.00
* 2.410	2200.	2652.9	0.5	4.7	0.0	463.01	880.00
* 2.410	2785.	2653.1	0.2	4.6	0.0	479.00	880.00
* 2.410	4015.	2653.5	0.4	4.3	0.0	506.17	880.00
2.450	1290.	2654.0	0.0	1.6	0.0	482.45	240.00
2.450	2180.	2654.6	0.6	1.7	0.0	526.83	240.00
2.450	2770.	2654.9	0.3	1.8	0.0	552.04	240.00
2.450	3995.	2655.5	0.6	2.0	0.0	593.39	240.00
2.450	1290.	2654.1	0.0	0.1	0.0	490.37	40.00
2.450	2180.	2654.7	0.6	0.1	0.0	535.64	40.00
2.450	2770.	2655.1	0.3	0.1	0.0	560.94	40.00
2.450	3995.	2655.7	0.6	0.1	0.0	602.57	40.00

	SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
*	2.450	1290.	2655.5	0.0	1.4	0.0	252.98	20.00
	2.450	2180.	2656.5	1.0	1.8	0.0	407.08	20.00
*	2.450	2770.	2656.8	0.3	1.8	0.0	424.55	20.00
*	2.450	3995.	2657.3	0.5	1.6	0.0	452.40	20.00
	2.450	1290.	2656.1	0.0	0.6	0.0	376.95	10.00
	2.450	2180.	2656.8	0.7	0.3	0.0	424.79	10.00
	2.450	2770.	2657.2	0.3	0.3	0.0	445.91	10.00
	2.450	3995.	2657.7	0.6	0.4	0.0	476.44	10.00
*	2.750	1215.	2666.4	0.0	10.3	0.0	64.32	1370.00
*	2.750	2060.	2668.0	1.5	11.2	0.0	140.77	1370.00
*	2.750	2665.	2668.5	0.5	11.4	0.0	151.58	1370.00
*	2.750	3850.	2669.4	0.8	11.6	0.0	168.64	1370.00
	2.750	1215.	2667.1	0.0	0.7	0.0	32.05	40.00
*	2.750	2060.	2668.9	1.8	0.9	0.0	126.90	40.00
*	2.750	2665.	2669.1	0.2	0.6	0.0	130.06	40.00
	2.750	3850.	2670.6	1.5	1.3	0.0	194.82	40.00
	2.750	1215.	2667.1	0.0	0.0	0.0	32.05	30.00
	2.750	2060.	2671.7	4.6	2.8	0.0	219.94	30.00
	2.750	2665.	2672.2	0.5	3.0	0.0	231.24	30.00
	2.750	3850.	2673.0	0.9	2.4	0.0	251.22	30.00
	2.750	1215.	2668.6	0.0	1.5	0.0	153.89	10.00
	2.750	2060.	2671.7	3.1	0.0	0.0	220.15	10.00
	2.750	2665.	2672.2	0.5	0.0	0.0	231.53	10.00
	2.750	3850.	2673.1	0.9	0.0	0.0	251.56	10.00
*	2.850	1190.	2671.3	0.0	2.7	0.0	39.24	480.00
*	2.850	2020.	2673.4	2.1	1.7	0.0	321.93	480.00
*	2.850	2630.	2673.8	0.3	1.6	0.0	329.82	480.00
*	2.850	3805.	2674.3	0.5	1.2	0.0	340.22	480.00
	2.850	1190.	2673.3	0.0	2.0	0.0	319.47	40.00
	2.850	2020.	2674.1	0.8	0.7	0.0	336.86	40.00
	2.850	2630.	2674.5	0.4	0.7	0.0	343.46	40.00
	2.850	3805.	2675.1	0.6	0.8	0.0	353.37	40.00
	2.850	1190.	2673.3	0.0	-0.0	0.0	318.85	30.00
	2.850	2020.	2674.1	0.8	0.0	0.0	337.62	30.00
	2.850	2630.	2674.6	0.4	0.1	0.0	344.70	30.00
	2.850	3805.	2675.2	0.7	0.1	0.0	355.35	30.00
	2.850	1190.	2673.3	0.0	0.1	0.0	320.25	10.00
	2.850	2020.	2674.2	0.8	0.1	0.0	338.26	10.00
	2.850	2630.	2674.6	0.4	0.1	0.0	345.38	10.00
	2.850	3805.	2675.3	0.7	0.1	0.0	356.12	10.00
*	2.950	1190.	2676.0	0.0	2.6	0.0	244.28	460.00
*	2.950	2020.	2676.7	0.8	2.6	0.0	322.23	460.00
	2.950	2630.	2677.1	0.4	2.5	0.0	330.53	460.00
	2.950	3805.	2677.7	0.6	2.4	0.0	341.82	460.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
3.030	1145.	2679.6	0.0	3.6	0.0	50.51	420.0
3.030	1945.	2680.8	1.2	4.0	0.0	268.02	420.0
* 3.030	2565.	2681.2	0.5	4.1	0.0	288.41	420.0
* 3.030	3720.	2681.8	0.6	4.1	0.0	321.00	420.0
3.100	1145.	2683.7	0.0	4.1	0.0	42.92	350.0
* 3.100	1945.	2685.0	1.2	4.2	0.0	264.06	350.0
* 3.100	2565.	2685.5	0.5	4.2	0.0	286.04	350.0
* 3.100	3720.	2686.1	0.6	4.2	0.0	316.41	350.0
3.200	1090.	2690.0	0.0	6.3	0.0	99.42	500.0
* 3.200	1850.	2690.9	0.9	5.9	0.0	260.99	500.0
* 3.200	2485.	2691.3	0.4	5.8	0.0	278.74	500.0
* 3.200	3610.	2692.0	0.7	5.9	0.0	312.54	500.0
3.260	1030.	2693.1	0.0	3.1	0.0	45.42	370.0
3.260	1750.	2694.2	1.1	3.4	0.0	180.53	370.0
3.260	2400.	2694.9	0.7	3.6	0.0	275.03	370.0
* 3.260	3500.	2695.7	0.8	3.7	0.0	411.85	370.0
* 3.500	1030.	2707.1	0.0	14.0	0.0	159.46	1200.0
* 3.500	1750.	2707.9	0.8	13.6	0.0	269.50	1200.0
* 3.500	2400.	2708.2	0.4	13.3	0.0	289.47	1200.0
* 3.500	3500.	2708.9	0.6	13.2	0.0	315.40	1200.0
3.500	1030.	2707.9	0.0	0.8	0.0	157.56	40.0
3.500	1750.	2708.7	0.7	0.8	0.0	307.43	40.0
3.500	2400.	2709.1	0.5	0.9	0.0	324.87	40.0
3.500	3500.	2709.7	0.6	0.8	0.0	344.21	40.0
3.500	1030.	2709.2	0.0	1.3	0.0	188.05	30.0
3.500	1750.	2710.9	1.7	2.2	0.0	436.39	30.0
3.500	2400.	2711.4	0.6	2.3	0.0	463.61	30.0
3.500	3500.	2712.1	0.6	2.4	0.0	489.58	30.0
3.500	1030.	2709.2	0.0	0.1	0.0	329.23	10.0
3.500	1750.	2710.9	1.6	0.0	0.0	438.06	10.0
3.500	2400.	2711.4	0.6	0.0	0.0	464.25	10.0
3.500	3500.	2712.1	0.6	0.0	0.0	489.86	10.0

SUMMARY OF ERRORS

CAUTION SECNO= 0.030 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 0.030 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 0.030 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 0.030 PROFILE= 4 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.030 PROFILE= 1 HYDRAULIC JUMP D.S.
CAUTION SECNO= 0.030 PROFILE= 2 HYDRAULIC JUMP D.S.
CAUTION SECNO= 0.030 PROFILE= 3 HYDRAULIC JUMP D.S.
CAUTION SECNO= 0.030 PROFILE= 4 HYDRAULIC JUMP D.S.

CAUTION SECNO= 0.030 PROFILE= 2
20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 0.060 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 0.060 PROFILE= 1

BEAVERDAM CREEK

MP ✓

HAYWOOD CO NC

MILE	500 YEAR FLOOD		100 YEAR FLOOD		50 YEAR FLOOD		10 YEAR FLOOD	
	Q	ELEV	Q	ELEV	Q	ELEV	Q	ELEV
0.030	4700.	2576.4	3300.	2574.2	2700.	2573.0	1600.	2570.3
0.030	4700.	2580.0	3300.	2577.2	2700.	2576.6	1600.	2575.4
0.060	4685.	2582.3	3290.	2579.6	2690.	2578.5	1595.	2576.4
0.060	4685.	2585.3	3290.	2584.2	2690.	2583.6	1595.	2582.6
0.070	4685.	2586.5	3290.	2585.3	2690.	2584.7	1595.	2583.2
0.280	4640.	2592.7	3250.	2591.5	2660.	2590.9	1575.	2589.5
0.400	4610.	2594.6	3230.	2593.5	2645.	2593.0	1565.	2591.6
0.650	4555.	2598.8	3190.	2597.6	2610.	2597.0	1545.	2595.6
0.980	4480.	2605.7	3140.	2604.6	2565.	2604.0	1520.	2602.8
1.240	4425.	2611.4	3095.	2609.9	2530.	2609.3	1495.	2608.9
1.400	4390.	2618.0	3065.	2616.7	2505.	2616.1	1485.	2614.1
1.480	4370.	2620.2	3050.	2619.2	2495.	2618.6	1475.	2617.0
1.480	4370.	2621.4	3050.	2620.3	2495.	2619.7	1475.	2617.7
1.500	4370.	2627.1	3050.	2626.2	2495.	2625.8	1475.	2624.7
1.500	4370.	2627.1	3050.	2626.2	2495.	2625.8	1475.	2624.7
1.560	4350.	2627.4	3040.	2626.4	2485.	2625.9	1470.	2624.7
1.770	4305.	2628.1	3005.	2626.9	2455.	2626.7	1450.	2626.1
1.770	4305.	2632.2	3005.	2631.6	2455.	2630.6	1450.	2627.4
1.800	4300.	2632.4	3000.	2631.8	2450.	2630.8	1450.	2628.5
1.800	4300.	2632.6	3000.	2630.8	2450.	2630.0	1450.	2628.4
1.850	4300.	2635.3	3000.	2632.9	2450.	2631.8	1450.	2629.5
1.850	4300.	2637.1	3000.	2634.1	2450.	2632.5	1450.	2629.6
2.060	4180.	2640.7	2910.	2640.2	2345.	2639.9	1385.	2639.6
2.240	4095.	2647.1	2845.	2646.3	2270.	2645.8	1340.	2644.7
2.240	4095.	2649.2	2845.	2648.5	2270.	2648.2	1340.	2647.3
2.410	4015.	2653.5	2785.	2653.1	2200.	2652.9	1300.	2652.4
2.450	3995.	2655.5	2770.	2654.9	2180.	2654.6	1290.	2654.0

2.750	3850.	2669.4	2665.	2668.5	2060.	2668.0	1215.	2666.4
2.750	3850.	2673.1	2665.	2672.2	2060.	2671.7	1215.	2668.6
2.850	3805.	2674.3	2630.	2673.8	2020.	2673.4	1190.	2671.3
.850	3805.	2675.3	2630.	2674.6	2020.	2674.2	1190.	2673.3
2.950	3805.	2677.7	2630.	2677.1	2020.	2676.7	1190.	2676.0
3.030	3720.	2681.8	2565.	2681.2	1945.	2680.8	1145.	2679.6
3.100	3720.	2686.1	2565.	2685.5	1945.	2685.0	1145.	2683.7
3.200	3610.	2692.0	2485.	2691.3	1850.	2690.9	1090.	2690.0
3.260	3500.	2695.7	2400.	2694.9	1750.	2694.2	1030.	2693.1
3.500	3500.	2708.9	2400.	2708.2	1750.	2707.9	1030.	2707.1
3.500	3500.	2712.1	2400.	2711.4	1750.	2710.9	1030.	2709.2

HEC2 RELEASE DATED NOV 76 UPDATED JULY 1979

ERROR CORR - 01,02,03

MODIFICATION - 50,51,52,53,54

T1 HAYWOOD CO NC DAN=BEADAMFW
T2 100 YEAR FLOOD
T3 BEAVERDAM CREEK

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	4.	0.	0.-1.00000		0.	0.0	0.	0.0	0.0

J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBH	CHNIM	ITRACE
	0.	0.	-1.	0.	0.	0.0	0.0	0.	0.	0.

J3 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	0.100	0.100	0.040	0.1	0.5					
QT	5.	1600.	2700.	3300.	4700.	3300.	0.	0.	0.	0.
ET	0.	0.0	0.0	0.0	0.0	7.11	52.00	80.00	0.0	0.0

X1	0.03	18.	52.	70.	0.	0.	0.	0.0	0.0	0.
GR	2599.9	0.	2593.9	6.	2588.5	16.	2587.9	33.	2582.5	39.
GR	2567.9	52.	2565.3	52.	2563.3	58.	2563.3	65.	2565.3	70.
GR	2567.9	70.	2570.8	79.	2579.9	128.	2583.0	136.	2585.3	153.
GR	2589.1	178.	2593.6	201.	2594.8	212.	0.0	0.	0.0	0.
SB	1.25	1.60	3.00	0.	24.70	2.00	300.00	0.0	2563.8	2563.8
ET	0.	0.0	0.0	0.0	0.0	7.11	52.00	80.00	0.0	0.0

X1	0.03	16.	52.	70.	300.	300.	300.	0.0	0.0	0.
X2	0.	0.0	1.	2577.0	2581.5	0.0	0.	0.0	0.0	0.
BT	13.0	0.0	2599.9	0.0	6.0	2593.9	0.0	16.0	2588.5	0.0
BT	33.0	2587.9	0.0	39.0	2582.5	0.0	41.0	2581.7	0.0	76.0
BT	2581.5	0.0	133.0	2581.5	0.0	136.0	2583.0	0.0	153.0	2585.3
BT	0.0	178.0	2589.1	0.0	201.0	2593.6	0.0	212.0	2594.8	0.0
GR	2599.9	0.	2593.9	6.	2588.5	16.	2587.9	33.	2582.5	39.
GR	2567.9	52.	2565.3	57.	2565.3	64.	2567.9	70.	2570.8	79.
GR	2579.9	128.	2583.0	136.	2585.3	153.	2589.1	178.	2593.6	201.
GR	2594.8	212.	0.0	0.	0.0	0.	0.0	0.	0.0	0.
ET	0.	0.0	0.0	0.0	0.0	7.11	52.00	80.00	0.0	0.0

X1	0.03	0.	0.	0.	10.	10.	10.	0.0	0.0	0.
BT	5.	1595.	2690.	3290.	4685.	3290.	0.	0.	0.	0.
ET	0.	0.0	0.0	0.0	0.0	7.11	164.00	271.00	0.0	0.0

X1	0.06	18.	164.	271.	170.	170.	170.	0.0	0.0	0.
GR	2605.9	0.	2596.8	10.	2594.9	18.	2593.5	39.	2594.3	49.
GR	2591.2	73.	2589.9	111.	2589.2	139.	2589.0	164.	2568.0	185.
GR	2565.8	207.	2566.8	224.	2566.9	229.	2567.0	229.	2584.0	270.

GR 2584.4	211.	2589.3	308.	2594.7	331.	0.0	0.0	0.0	0.0
ET 0.	0.0	0.0	0.0	0.0	7.11	178.00	251.00	0.0	0.0
X1 0.06	21.	178.	251.	10.	10.	10.	0.0	0.0	0.
GR 2605.9	0.	2596.8	10.	2594.9	18.	2593.5	39.	2594.3	49.
GR 2591.2	73.	2589.9	111.	2589.2	139.	2589.0	164.	2582.9	178.
GR 2579.7	200.	2579.2	222.	2579.5	234.	2578.5	235.	2578.5	238.
GR 2579.7	238.	2579.8	244.	2583.8	251.	2584.4	271.	2589.3	308.
GR 2594.9	337.	0.0	0.	0.0	0.	0.0	0.	0.0	0.
ET 0.	0.0	0.0	0.0	0.0	7.11	152.00	227.00	0.0	0.0
X1 0.07	25.	187.	227.	30.	30.	30.	0.0	0.0	0.
GR 2604.5	0.	2601.4	16.	2598.6	30.	2589.6	46.	2589.8	64.
GR 2590.6	68.	2589.9	90.	2589.1	108.	2584.0	124.	2583.2	151.
GR 2582.1	179.	2582.0	187.	2579.5	190.	2579.0	192.	2578.0	201.
GR 2579.0	218.	2579.5	218.	2583.6	227.	2586.1	262.	2587.8	305.
GR 2589.1	336.	2591.0	368.	2591.2	378.	2591.6	385.	2601.3	418.
NC 0.080	0.080	0.045	0.0	0.0					
QT 5.	1575.	2660.	3250.	4640.	3250.	0.	0.	0.	0.
ET 0.	0.0	0.0	0.0	0.0	7.11	155.00	265.00	0.0	0.0
X1 0.28	24.	213.	246.	1020.	1020.	1020.	0.0	0.0	0.
GR 2604.1	0.	2597.6	53.	2591.8	106.	2589.8	123.	2586.8	147.
GR 2586.9	180.	2587.1	195.	2587.3	204.	2585.9	213.	2582.0	219.
GR 2581.0	224.	2581.0	230.	2581.0	234.	2582.0	238.	2589.0	246.
GR 2589.0	271.	2588.5	333.	2590.2	356.	2591.5	377.	2591.1	408.
GR 2590.9	440.	2591.9	468.	2593.7	489.	2607.0	508.	0.0	0.
NC 0.080	0.070	0.050	0.0	0.0					
QT 5.	1565.	2645.	3230.	4610.	3230.	0.	0.	0.	0.
ET 0.	0.0	0.0	0.0	0.0	7.11	105.00	280.00	0.0	0.0
X1 0.40	24.	105.	127.	800.	800.	800.	0.0	0.0	0.
GR 2613.2	0.	2601.6	34.	2597.0	51.	2592.1	64.	2590.5	72.
GR 2590.0	90.	2588.4	96.	2586.7	105.	2584.3	111.	2583.7	112.
GR 2583.7	118.	2583.7	120.	2584.3	122.	2588.0	127.	2589.6	145.
GR 2589.3	182.	2589.3	225.	2589.4	251.	2589.4	272.	2592.6	291.
GR 2593.6	298.	2597.1	319.	2602.5	341.	2609.3	364.	0.0	0.
NC 0.060	0.060	0.040	0.0	0.0					
QT 5.	1545.	2610.	3190.	4555.	3190.	0.	0.	0.	0.
ET 0.	0.0	0.0	0.0	0.0	7.11	100.00	190.00	0.0	0.0
X1 0.65	24.	129.	168.	1360.	1360.	1360.	0.0	0.0	0.
GR 2613.6	0.	2609.5	19.	2605.1	42.	2602.6	47.	2602.6	50.
GR 2603.6	56.	2603.3	68.	2600.3	76.	2598.7	90.	2597.1	112.
GR 2595.7	120.	2595.7	124.	2596.0	129.	2589.0	138.	2588.3	143.
GR 2588.3	150.	2588.3	155.	2589.0	160.	2593.3	168.	2596.7	185.
GR 2600.5	205.	2605.0	224.	2608.8	240.	2612.6	252.	0.0	0.
NC 0.060	0.060	0.050	0.0	0.0					
QT 5.	1520.	2565.	3140.	4480.	3140.	0.	0.	0.	0.
ET 0.	0.0	0.0	0.0	0.0	7.11	200.00	350.00	0.0	0.0
X1 0.98	32.	290.	324.	1600.	1600.	1600.	0.0	0.0	0.
GR 2620.9	0.	2618.4	14.	2613.4	42.	2612.8	45.	2612.5	51.
GR 2609.9	56.	2605.9	70.	2603.8	88.	2602.8	105.	2601.7	135.
GR 2601.6	155.	2601.6	172.	2602.1	194.	2602.1	217.	2602.0	243.
GR 2601.9	266.	2601.8	290.	2597.2	296.	2595.0	300.	2595.0	304.
GR 2595.0	310.	2597.2	314.	2602.3	324.	2602.3	342.	2601.5	363.
GR 2601.3	388.	2601.8	411.	2602.5	437.	2606.3	468.	2612.9	485.
GR 2622.4	505.	2629.5	524.	0.0	0.	0.0	0.	0.0	0.
NC 0.000	0.000	0.040	0.0	0.0					

QT	5.	1495.	2530.	3095.	4425.	3095.	0.	0.	0.	0.
ET	0.	0.0	0.0	0.0	0.0	7.11	50.00	120.00	0.0	0.0

X1	1.24	15.	41.	98.	1200.	1200.	1200.	0.0	0.0	0.
GR	2628.1	0.	2623.0	24.	2617.2	34.	2616.0	41.	2611.7	50.
GR	2603.5	63.	2602.9	68.	2602.9	72.	2602.9	83.	2603.5	89.
GR	2609.1	98.	2609.2	117.	2611.9	143.	2618.5	176.	2629.6	202.
NC	0.080	0.080	0.040	0.0	0.0					
QT	5.	1485.	2505.	3065.	4390.	3065.	0.	0.	0.	0.
ET	0.	0.0	0.0	0.0	0.0	7.11	43.00	143.00	0.0	0.0

X1	1.40	24.	43.	90.	870.	870.	870.	0.0	-2.00	0.
GR	2637.3	0.	2635.3	12.	2632.6	25.	2630.5	35.	2621.3	43.
GR	2613.4	54.	2611.4	59.	2610.0	74.	2611.4	87.	2614.3	90.
GR	2617.1	100.	2617.4	109.	2617.1	136.	2616.5	186.	2616.1	239.
GR	2615.7	289.	2616.0	330.	2617.3	350.	2619.1	376.	2619.9	386.
GR	2621.4	390.	2625.3	411.	2630.1	432.	2632.2	450.	0.0	0.
QT	5.	1475.	2495.	3050.	4370.	3050.	0.	0.	0.	0.
ET	0.	0.0	0.0	0.0	0.0	7.11	48.00	173.00	0.0	0.0

X1	1.48	13.	48.	93.	400.	400.	400.	0.0	-1.00	0.
GR	2637.3	0.	2635.3	12.	2630.5	35.	2620.5	48.	2615.5	55.
GR	2613.0	62.	2612.7	73.	2613.2	84.	2616.5	90.	2619.0	100.
GR	2619.0	203.	2623.5	210.	2633.0	229.	0.0	0.	0.0	0.
ET	0.	0.0	0.0	0.0	0.0	7.11	48.00	173.00	0.0	0.0

X1	1.48	0.	0.	0.	40.	40.	40.	0.0	0.0	0.
SB	1.25	1.60	3.00	0.	11.30	2.00	57.00	0.0	2612.7	2611.6
ET	0.	0.0	0.0	0.0	0.0	7.11	48.00	173.00	0.0	0.0

X1	1.50	0.	0.	0.	100.	100.	100.	0.0	1.00	0.
X2	0.	0.0	1.	2618.8	2623.6	0.0	0.	0.0	0.0	0.
BT	6.0	0.0	2637.3	0.0	12.0	2635.3	0.0	35.0	2630.5	0.0
BT	43.0	2623.8	0.0	210.0	2623.6	0.0	229.0	2633.0	0.0	0.0
ET	0.	0.0	0.0	0.0	0.0	7.11	48.00	173.00	0.0	0.0

X1	1.50	0.	0.	0.	10.	10.	10.	0.0	0.0	0.
QT	5.	1470.	2485.	3040.	4350.	3040.	0.	0.	0.	0.
ET	0.	0.0	0.0	0.0	0.0	7.11	43.00	168.00	0.0	0.0

X1	1.56	24.	43.	90.	300.	300.	300.	0.0	4.10	0.
GR	2637.3	0.	2635.3	12.	2632.6	25.	2630.5	35.	2621.3	43.
GR	2613.4	54.	2611.4	59.	2610.0	74.	2611.4	87.	2614.3	90.
GR	2617.1	100.	2617.4	109.	2617.1	136.	2616.5	186.	2616.1	239.
GR	2615.7	289.	2616.0	330.	2617.3	350.	2619.1	376.	2619.9	386.
GR	2621.4	390.	2625.3	411.	2630.1	432.	2632.2	450.	0.0	0.
NC	0.060	0.060	0.040	0.0	0.0					
QT	5.	1450.	2455.	3005.	4305.	3005.	0.	0.	0.	0.
ET	0.	0.0	0.0	0.0	0.0	7.11	520.00	695.00	0.0	0.0

X1	1.77	48.	595.	627.	1000.	1000.	1000.	0.0	0.0	0.
GR	2643.9	0.	2642.3	22.	2641.5	45.	2640.6	66.	2639.1	92.
GR	2637.9	115.	2636.6	143.	2635.3	174.	2633.9	212.	2632.9	261.
GR	2631.2	313.	2629.6	362.	2628.6	403.	2627.1	455.	2625.6	503.
GR	2624.8	550.	2624.6	579.	2626.0	587.	2624.6	595.	2621.0	599.
GR	2620.6	603.	2620.6	605.	2620.6	610.	2621.0	614.	2623.1	618.
GR	2624.4	627.	2625.4	641.	2625.6	652.	2625.5	674.	2625.4	705.
GR	2625.2	741.	2625.5	774.	2626.4	804.	2627.4	824.	2628.0	855.

GR 2628.1	816.	2630.4	896.	2632.0	907.	2632.2	918.	2633.5	928.
GR 2634.6	946.	2634.9	961.	2633.8	966.	2634.6	975.	2636.0	985.
GR 2639.4	994.	2642.4	1000.	2642.8	1011.	0.0	0.	0.0	0.
ET 0.	0.0	0.0	0.0	0.0	7.11	520.00	695.00	0.0	0.0

X1 1.77	0.	0.	0.	40.	40.	40.	0.0	0.0	0.
X3 10.	0.0	0.0	0.	0.0	0.	0.0	2629.0	2629.0	0.
SB 0.01	1.60	3.00	0.	33.00	0.01	287.00	0.0	2620.6	2620.6
NC 0.150	0.150	0.040	0.0	0.0					
ET 0.	0.0	0.0	0.0	0.0	7.11	520.00	695.00	0.0	0.0

X1 1.77	45.	595.	627.	30.	30.	30.	0.0	0.0	0.
X2 0.	0.0	1.	2629.3	2631.4	0.0	0.	0.0	0.0	0.
X3 10.	0.0	0.0	0.	0.0	0.	0.0	2631.4	2631.4	0.
BT 30.0	0.0	2643.9	0.0	22.0	2642.3	0.0	45.0	2641.5	0.0
BT 66.0	2640.6	0.0	92.0	2639.1	0.0	115.0	2637.9	0.0	143.0
BT 2636.6	0.0	174.0	2635.3	0.0	212.0	2633.9	0.0	261.0	2632.9
BT 0.0	300.0	2631.7	0.0	380.0	2631.5	0.0	480.0	2631.4	0.0
BT 580.0	2632.0	0.0	580.0	2634.7	0.0	623.0	2634.7	0.0	623.0
BT 2632.0	0.0	684.0	2631.4	0.0	785.0	2631.6	0.0	907.0	2632.0
BT 0.0	918.0	2632.2	0.0	928.0	2633.5	0.0	946.0	2634.6	0.0
BT 961.0	2634.9	0.0	966.0	2633.8	0.0	975.0	2634.6	0.0	985.0
BT 2636.0	0.0	994.0	2639.4	0.0	1000.0	2642.4	0.0	1011.0	2642.8
BT 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GR 2643.9	0.	2642.3	22.	2641.5	45.	2640.6	66.	2639.1	92.
GR 2637.9	115.	2636.6	143.	2635.3	174.	2633.9	212.	2632.9	261.
GR 2631.2	313.	2629.6	362.	2628.6	403.	2627.1	455.	2625.6	503.
GR 2624.8	550.	2624.6	579.	2624.3	579.	2624.4	595.	2621.8	600.
GR 2621.6	617.	2620.6	621.	2620.6	624.	2624.0	624.	2624.3	627.
GR 2625.4	640.	2625.6	651.	2625.4	700.	2625.2	740.	2625.6	774.
GR 2626.3	800.	2627.5	837.	2628.7	876.	2630.4	895.	2632.0	907.
GR 2632.2	918.	2633.5	928.	2634.6	946.	2634.9	961.	2633.8	966.
GR 2634.6	975.	2636.0	985.	2639.4	994.	2642.4	1000.	2642.8	1011.
ET 0.	0.0	0.0	0.0	0.0	7.11	520.00	695.00	0.0	0.0

X1 1.77	0.	0.	0.	20.	20.	20.	0.0	1.20	0.
NC 0.080	0.080	0.035	0.0	0.0					
QT 5.	1450.	2450.	3000.	4300.	3000.	0.	0.	0.	0
ET 0.	0.0	0.0	0.0	0.0	7.11	520.00	670.00	0.0	0.0

X1 1.80	0.	0.	0.	110.	110.	110.	0.0	1.20	0.
ET 0.	0.0	0.0	0.0	0.0	7.11	520.00	670.00	0.0	0.0

X1 1.80	0.	0.	0.	40.	40.	40.	0.0	0.0	0.
X3 10.	0.0	0.0	0.	0.0	0.	0.0	2650.0	2650.0	0.
SB 1.25	1.60	3.00	0.	38.00	2.00	324.00	0.0	2624.1	2623.1
ET 0.	0.0	0.0	0.0	0.0	7.11	547.00	697.00	0.0	0.0

X1 1.85	38.	604.	640.	265.	265.	265.	0.0	0.0	0.
X2 0.	0.0	1.	2633.1	2652.6	0.0	0.	0.0	0.0	0.
X3 10.	0.0	0.0	0.	0.0	0.	0.0	2650.0	2650.0	0.
BT 6.0	0.0	2657.6	0.0	340.0	2656.0	0.0	640.0	2652.6	0.0
J 740.0	2652.8	0.0	840.0	2653.4	0.0	1090.0	2654.5	0.0	0.0
GR 2649.5	0.	2647.7	39.	2646.4	77.	2643.6	130.	2641.4	174.
GR 2638.5	235.	2635.1	303.	2633.9	369.	2632.5	405.	2632.3	463.
GR 2631.6	503.	2631.6	531.	2630.3	539.	2629.2	560.	2632.4	570.
GR 2631.0	574.	2629.0	580.	2628.7	597.	2628.0	604.	2624.0	604.
GR 2624.0	640.	2627.0	640.	2632.6	658.	2632.2	682.	2632.5	712.
GR 2632.7	737.	2633.6	760.	2634.9	789.	2636.2	848.	2636.9	888.
GR 2637.0	821.	2637.7	874.	2639.1	1012.	2642.4	1065.	2642.8	1118.

GR 2644.5	1062.	2647.8	1075.	2648.2	1086.	0.0	0.	0.0	0.
ET 0.	0.0	0.0	0.0	0.0	7.11	522.00	672.00	0.0	0.0
X1 1.85	40.	597.	658.	10.	10.	10.	0.0	0.0	0.
GR 2649.5	0.	2647.7	39.	2646.4	77.	2643.6	130.	2641.4	174.
GR 2638.5	235.	2635.1	303.	2633.9	369.	2632.5	405.	2632.3	463.
GR 2631.6	503.	2631.6	531.	2630.3	539.	2629.2	560.	2632.4	570.
GR 2631.0	574.	2629.0	580.	2628.7	597.	2627.3	609.	2625.7	616.
GR 2625.1	620.	2625.1	628.	2626.6	637.	2627.3	644.	2632.6	658.
GR 2632.2	682.	2632.5	712.	2632.7	737.	2633.6	760.	2634.9	789.
GR 2636.2	843.	2636.9	888.	2637.8	931.	2637.7	975.	2639.1	1013.
GR 2640.1	1043.	2639.7	1050.	2644.5	1062.	2647.8	1075.	2648.2	1086.
NC 0.080	0.090	0.045	0.0	0.0					
QT 5.	1385.	2345.	2910.	4180.	2910.	0.	0.	0.	0
ET 0.	0.0	0.0	0.0	0.0	7.11	272.00	447.00	0.0	0.0
X1 2.06	32.	413.	447.	1190.	1190.	1190.	0.0	0.0	0.
GR 2659.9	0.	2646.6	41.	2640.0	67.	2639.4	87.	2639.2	119.
GR 2638.5	145.	2638.6	177.	2638.2	234.	2638.3	268.	2638.3	302.
GR 2638.4	335.	2639.0	376.	2639.6	395.	2638.8	413.	2633.6	422.
GR 2632.1	422.	2632.1	427.	2632.1	435.	2633.6	435.	2642.3	447.
GR 2645.1	460.	2646.9	497.	2648.1	538.	2648.3	575.	2650.5	620.
GR 2651.0	668.	2651.1	694.	2650.6	733.	2652.8	777.	2654.7	814.
GR 2656.6	829.	2659.2	854.	0.0	0.	0.0	0.	0.0	0.
NC 0.070	0.080	0.045	0.0	0.0					
QT 5.	1340.	2270.	2845.	4095.	2845.	0.	0.	0.	0
ET 0.	0.0	0.0	0.0	0.0	7.11	261.00	436.00	0.0	0.0
X1 2.24	26.	398.	436.	840.	840.	840.	0.0	0.0	0.
GR 2655.5	107.	2654.0	132.	2649.4	145.	2646.0	155.	2643.4	163.
GR 2643.4	237.	2643.2	297.	2643.9	350.	2644.5	382.	2645.5	392.
GR 2644.0	398.	2640.3	409.	2639.4	409.	2639.4	415.	2639.4	422.
GR 2640.3	422.	2642.3	429.	2645.9	436.	2648.1	463.	2650.3	496.
GR 2653.3	535.	2655.8	573.	2658.5	609.	2660.5	641.	2662.4	670.
GR 2663.8	681.	0.0	0.	0.0	0.	0.0	0.	0.0	0.
ET 0.	0.0	0.0	0.0	0.0	7.11	261.00	436.00	0.0	0.0
X1 2.24	0.	0.	0.	40.	40.	40.	0.0	0.0	0.
X3 10.	0.0	0.0	0.	0.0	0.	0.0	2645.9	2645.9	
SB 0.01	1.60	3.00	0.	13.00	0.01	85.00	0.0	2639.3	2639.3
ET 0.	0.0	0.0	0.0	0.0	7.11	261.00	436.00	0.0	0.0
X1 2.24	0.	0.	0.	20.	20.	20.	0.0	0.0	0.
X2 0.	0.0	1.	2645.8	2646.0	0.0	0.	0.0	0.0	0.
X3 10.	0.0	0.0	0.	0.0	0.	0.0	2646.2	2646.2	
BT 22.0	107.0	2655.5	0.0	115.0	2655.0	0.0	132.0	2654.0	0.0
BT 194.0	2648.9	0.0	235.0	2647.0	0.0	276.0	2646.2	0.0	296.0
BT 2646.0	0.0	350.0	2646.3	0.0	378.0	2646.5	0.0	410.0	2646.6
BT 0.0	410.0	2647.3	0.0	430.0	2647.6	0.0	430.0	2647.2	0.0
BT 450.0	2647.1	0.0	463.0	2648.1	0.0	496.0	2650.3	0.0	535.0
BT 2653.3	0.0	573.0	2655.8	0.0	609.0	2658.5	0.0	641.0	2660.5
BT 0.0	670.0	2662.4	0.0	681.0	2663.8	0.0	0.0	0.0	0.0
ET 0.	0.0	0.0	0.0	0.0	7.11	261.00	436.00	0.0	0.0
X1 2.24	0.	0.	0.	10.	10.	10.	0.0	0.0	0.
QT 5.	1300.	2200.	2785.	4015.	2785.	0.	0.	0.	0
ET 0.	0.0	0.0	0.0	0.0	7.11	518.00	693.00	0.0	0.0

GR	2670.4	0.	2666.9	59.	2664.6	92.	2661.3	146.	2658.6	195.
GR	2655.7	249.	2654.8	291.	2653.9	339.	2652.5	394.	2652.0	442.
GR	2651.9	487.	2652.4	499.	2654.0	506.	2652.6	518.	2650.4	528.
GR	2647.5	535.	2646.8	535.	2646.8	540.	2646.8	546.	2647.5	547.
GR	2653.0	560.	2651.8	560.	2651.4	601.	2650.4	629.	2651.6	651.
GR	2651.8	673.	2651.7	731.	2652.0	803.	2652.3	846.	2654.9	892.
GR	2658.1	902.	2659.6	935.	2661.2	960.	2663.0	987.	2665.4	1008.
GR	2664.1	1021.	2664.3	1036.	2665.5	1040.	2664.7	1045.	2669.4	1057.
QT	5.	1290.	2180.	2770.	3995.	2770.	0.	0.	0.	0.
ET	0.	0.0	0.0	0.0	0.0	7.11	518.00	693.00	0.0	0.0

X1	2.45	0.	0.	0.	240.	240.	240.	0.0	0.80	0.0
ET	0.	0.0	0.0	0.0	0.0	7.11	518.00	693.00	0.0	0.0

X1	2.45	0.	0.	0.	40.	40.	40.	0.0	0.0	0.0
SB	0.01	1.60	3.00	0.	15.00	0.01	98.00	0.0	2648.6	2648.6
NC	0.070	0.090	0.045	0.0	0.0					
ET	0.	0.0	0.0	0.0	0.0	7.11	409.00	584.00	0.0	0.0

X1	2.45	40.	409.	448.	20.	20.	20.	0.0	0.0	0.0
X2	0.	0.0	1.	2655.1	2654.8	0.0	0.	0.0	0.0	0.0
BT	26.0	0.0	2671.6	0.0	48.0	2667.7	0.0	83.0	2664.9	0.0
BT	123.0	2663.1	0.0	215.0	2658.8	0.0	315.0	2656.5	0.0	415.0
BT	2656.4	0.0	440.0	2655.3	0.0	520.0	2654.8	0.0	620.0	2655.2
BT	0.0	687.0	2656.2	0.0	710.0	2657.1	0.0	743.0	2659.7	0.0
BT	767.0	2662.0	0.0	810.0	2662.4	0.0	844.0	2662.1	0.0	896.0
BT	2662.0	0.0	945.0	2663.5	0.0	974.0	2664.8	0.0	985.0	2666.0
BT	0.0	994.0	2668.3	0.0	1011.0	2668.4	0.0	1016.0	2667.3	0.0
BT	1027.0	2668.7	0.0	1042.0	2669.9	0.0	1052.0	2674.9	0.0	0.0
GR	2671.6	0.	2667.7	48.	2664.9	83.	2660.7	90.	2660.9	99.
JR	2663.1	106.	2663.1	123.	2660.0	164.	2658.6	200.	2657.8	238.
GR	2656.8	279.	2656.0	309.	2655.4	360.	2655.1	391.	2654.8	409.
GR	2653.7	417.	2650.4	422.	2649.6	423.	2649.6	428.	2649.6	439.
GR	2655.2	448.	2655.8	478.	2655.0	548.	2655.1	623.	2656.2	687.
GR	2657.1	710.	2659.7	743.	2662.0	767.	2662.4	810.	2662.1	844.
GR	2662.0	896.	2663.5	945.	2664.8	974.	2666.0	985.	2668.3	994.
GR	2668.4	1011.	2667.3	1016.	2668.7	1027.	2669.9	1042.	2674.9	1052.
ET	0.	0.0	0.0	0.0	0.0	7.11	409.00	584.00	0.0	0.0

X1	2.45	0.	0.	0.	10.	10.	10.	0.0	0.0	0.0
NC	0.070	0.100	0.045	0.0	0.0					
QT	5.	1215.	2060.	2665.	3850.	2665.	0.	0.	0.	0.
ET	0.	0.0	0.0	0.0	0.0	7.11	210.00	335.00	0.0	0.0

X1	2.75	24.	301.	335.	1370.	1370.	1370.	0.0	0.0	0.0
GR	2688.6	0.	2686.5	9.	2681.0	15.	2682.9	20.	2681.8	42.
GR	2678.2	78.	2674.6	111.	2672.3	150.	2670.6	182.	2667.8	225.
GR	2666.6	268.	2666.3	295.	2668.0	301.	2661.9	313.	2660.8	314.
GR	2660.8	320.	2660.8	325.	2661.9	325.	2665.1	335.	2664.7	343.
GR	2666.3	355.	2669.0	368.	2671.4	380.	2677.0	410.	0.0	0.0
ET	0.	0.0	0.0	0.0	0.0	7.11	210.00	335.00	0.0	0.0

X1	2.75	26.	301.	335.	40.	40.	40.	0.0	0.0	0.0
X3	10.	0.0	0.0	0.	0.0	0.	0.0	2668.9	2670.0	
GR	2688.6	0.	2686.5	9.	2681.0	15.	2682.9	20.	2681.8	42.
GR	2678.2	78.	2674.6	111.	2672.3	150.	2670.6	182.	2667.8	225.
GR	2666.6	268.	2666.3	295.	2668.0	301.	2663.8	310.	2661.8	310.
GR	2662.2	312.	2662.2	314.	2662.5	316.	2662.5	321.	2662.2	326.
GR	2665.1	335.	2664.7	343.	2666.3	355.	2669.0	368.	2671.4	380.

GR	2670.4	0.	2666.9	59.	2664.6	92.	2661.3	146.	2658.6	195.
GR	2655.7	249.	2654.8	291.	2653.9	339.	2652.5	394.	2652.0	442.
GR	2651.9	487.	2652.4	499.	2654.0	506.	2652.6	518.	2650.4	528.
GR	2647.5	535.	2646.8	535.	2646.8	540.	2646.8	546.	2647.5	547.
GR	2653.0	560.	2651.8	560.	2651.4	601.	2650.4	629.	2651.6	651.
GR	2651.8	673.	2651.7	731.	2652.0	803.	2652.3	846.	2654.9	892.
GR	2658.1	902.	2659.6	935.	2661.2	960.	2663.0	987.	2665.4	1008.
GR	2664.1	1021.	2664.3	1036.	2665.5	1040.	2664.7	1045.	2669.4	1057.
QT	5.	1290.	2180.	2770.	3995.	2770.	0.	0.	0.	0.
ET	0.	0.0	0.0	0.0	0.0	7.11	518.00	693.00	0.0	0.0

X1	2.45	0.	0.	0.	240.	240.	240.	0.0	0.80	0.
ET	0.	0.0	0.0	0.0	0.0	7.11	518.00	693.00	0.0	0.0

X1	2.45	0.	0.	0.	40.	40.	40.	0.0	0.0	0.
SB	0.01	1.60	3.00	0.	15.00	0.01	98.00	0.0	2648.6	2648.6
NC	0.070	0.090	0.045	0.0	0.0					
ET	0.	0.0	0.0	0.0	0.0	7.11	409.00	584.00	0.0	0.0

X1	2.45	40.	409.	448.	20.	20.	20.	0.0	0.0	0.
X2	0.	0.0	1.	2655.1	2654.8	0.0	0.	0.0	0.0	0.
BT	26.0	0.0	2671.6	0.0	48.0	2667.7	0.0	83.0	2664.9	0.0
BT	173.0	2663.1	0.0	215.0	2658.8	0.0	315.0	2656.5	0.0	415.0
BT	2656.4	0.0	440.0	2655.3	0.0	520.0	2654.8	0.0	620.0	2655.2
BT	0.0	687.0	2656.2	0.0	710.0	2657.1	0.0	743.0	2659.7	0.0
BT	767.0	2662.0	0.0	810.0	2662.4	0.0	844.0	2662.1	0.0	896.0
BT	2662.0	0.0	945.0	2663.5	0.0	974.0	2664.8	0.0	985.0	2666.0
BT	0.0	994.0	2668.3	0.0	1011.0	2668.4	0.0	1016.0	2667.3	0.0
BT	1027.0	2668.7	0.0	1042.0	2669.9	0.0	1052.0	2674.9	0.0	0.0
GR	2671.6	0.	2667.7	48.	2664.9	83.	2660.7	90.	2660.9	99.
GR	2663.1	106.	2663.1	123.	2660.0	164.	2658.6	200.	2657.8	238.
GR	2656.8	279.	2656.0	309.	2655.4	360.	2655.1	391.	2654.8	409.
GR	2653.7	417.	2650.4	422.	2649.6	423.	2649.6	428.	2649.6	439.
GR	2655.2	448.	2655.8	478.	2655.0	548.	2655.1	623.	2656.2	687.
GR	2657.1	710.	2659.7	743.	2662.0	767.	2662.4	810.	2662.1	844.
GR	2662.0	896.	2663.5	945.	2664.8	974.	2666.0	985.	2668.3	994.
GR	2668.4	1011.	2667.3	1016.	2668.7	1027.	2669.9	1042.	2674.9	1052.
ET	0.	0.0	0.0	0.0	0.0	7.11	409.00	584.00	0.0	0.0

X1	2.45	0.	0.	0.	10.	10.	10.	0.0	0.0	0.
NC	0.070	0.100	0.045	0.0	0.0					
QT	5.	1215.	2060.	2665.	3850.	2665.	0.	0.	0.	0.
ET	0.	0.0	0.0	0.0	0.0	7.11	210.00	335.00	0.0	0.0

X1	2.75	24.	301.	335.	1370.	1370.	1370.	0.0	0.0	0.
GR	2688.6	0.	2686.5	9.	2681.0	15.	2682.9	20.	2681.8	42.
GR	2678.2	78.	2674.6	111.	2672.3	150.	2670.6	182.	2667.8	225.
GR	2666.6	268.	2666.3	295.	2668.0	301.	2661.9	313.	2660.8	314.
GR	2660.8	320.	2660.8	325.	2661.9	325.	2665.1	335.	2664.7	343.
GR	2666.3	355.	2669.0	368.	2671.4	380.	2677.0	410.	0.0	0.
ET	0.	0.0	0.0	0.0	0.0	7.11	210.00	335.00	0.0	0.0

X1	2.75	26.	301.	335.	40.	40.	40.	0.0	0.0	0.
X3	10.	0.0	0.0	0.	0.0	0.	0.0	2668.9	2670.0	
GR	2688.6	0.	2686.5	9.	2681.0	15.	2682.9	20.	2681.8	42.
GR	2678.2	78.	2674.6	111.	2672.3	150.	2670.6	182.	2667.8	225.
GR	2666.6	268.	2666.3	295.	2668.0	301.	2663.8	310.	2661.8	310.
GR	2662.2	312.	2662.2	314.	2662.5	316.	2662.5	321.	2662.2	326.
GR	2665.1	335.	2664.7	343.	2666.3	355.	2669.0	368.	2671.4	380.

THIS RUN EXECUTED 12/28/81 18:54:55

 HEC2 RELEASE DATED NOV 76 UPDATED JULY 1979
 ERROR CORR - 01,02,03
 MODIFICATION - 50,51,52,53,54

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

BEAVERDAM CREEK

SUMMARY PRINTOUT TABLE 110

SECNO	CASEL	DIFKWS	EG	TOPWID	PERENC	STENCL	STENCR	STCHL	STCHR	QLOB	QCH	QROB
* 0.030	2574.19	0.0	2577.85	51.	0.	0.	0.	52.	70.	48.	2982.	271.
* 0.030	2573.95	-0.24	2578.14	28.	28.	52.	80.	52.	70.	0.	3067.	233.
* 0.030	2575.15	0.0	2579.15	57.	0.	0.	0.	52.	70.	70.	2819.	411.
* 0.030	2575.15	0.00	2579.73	28.	28.	52.	80.	52.	70.	0.	2942.	358.
0.030	2577.21	0.0	2579.41	70.	0.	0.	0.	52.	70.	91.	2646.	563.
0.030	2577.21	0.00	2580.05	28.	28.	52.	80.	52.	70.	0.	2868.	432.
0.060	2579.60	0.0	2579.86	85.	0.	0.	0.	164.	271.	0.	3290.	0.
0.060	2580.34	0.74	2580.56	88.	107.	164.	271.	164.	271.	0.	3290.	0.
* 0.060	2584.18	0.0	2586.16	89.	0.	0.	0.	178.	251.	2.	3286.	1.
* 0.060	2584.15	-0.03	2586.17	73.	73.	178.	251.	178.	251.	0.	3290.	0.
* 0.070	2585.31	0.0	2587.28	131.	0.	0.	0.	187.	227.	411.	2851.	28.
* 0.070	2585.18	-0.13	2587.55	75.	75.	152.	227.	187.	227.	301.	2989.	0.
0.280	2591.52	0.0	2591.89	349.	0.	0.	0.	213.	246.	922.	1819.	508.
0.280	2592.34	0.82	2592.92	110.	110.	155.	265.	213.	246.	880.	2248.	122.
0.400	2593.53	0.0	2593.78	237.	0.	0.	0.	105.	127.	366.	1112.	1752.
0.400	2594.57	1.03	2594.76	175.	175.	105.	280.	105.	127.	0.	1004.	2226.
0.650	2597.56	0.0	2599.03	84.	0.	0.	0.	129.	168.	63.	2978.	149.
0.650	2597.88	0.31	2599.18	89.	90.	100.	190.	129.	168.	81.	2939.	169.
0.980	2604.56	0.0	2604.76	372.	0.	0.	0.	290.	324.	1161.	1218.	761.
0.980	2605.43	0.87	2605.91	150.	150.	200.	350.	290.	324.	1055.	1833.	252.
* 1.240	2609.94	0.0	2612.35	71.	0.	0.	0.	41.	98.	0.	3068.	27.
1.240	2610.98	1.03	2612.58	69.	70.	50.	120.	41.	98.	0.	3014.	81.
1.400	2616.70	0.0	2617.17	324.	0.	0.	0.	43.	90.	0.	1975.	1090.
1.400	2616.85	0.14	2618.15	97.	100.	43.	143.	43.	90.	0.	2843.	222.
* 1.480	2619.23	0.0	2620.87	157.	0.	0.	0.	48.	90.	0.	2723.	327.
1.480	2619.35	0.12	2621.00	125.	125.	48.	173.	48.	90.	0.	2768.	282.

SEONO	CWSEL	DIFKWS	EG	TOPMID	PERENC	STENCL	STENCR	STCHL	STCHR	QLOB	QCH	QROB
1.480	2620.28	0.0	2621.17	160.	0.	0.	0.	48.	90.	0.	2466.	584.
1.480	2620.28	-0.00	2621.31	125.	125.	48.	173.	48.	90.	0.	2592.	458.
1.500	2626.18	0.0	2626.32	175.	0.	0.	0.	48.	90.	13.	1854.	1183.
1.500	2626.73	0.55	2626.90	125.	125.	48.	173.	48.	90.	0.	2041.	1009.
1.500	2626.18	0.0	2626.32	175.	0.	0.	0.	48.	90.	13.	1853.	1184.
1.500	2626.74	0.55	2626.91	125.	125.	48.	173.	48.	90.	0.	2041.	1009.
1.560	2626.37	0.0	2626.44	353.	0.	0.	0.	43.	90.	0.	1285.	1755.
1.560	2626.88	0.50	2627.15	125.	125.	43.	168.	43.	90.	0.	2268.	772.
1.770	2626.91	0.0	2627.76	359.	0.	0.	0.	595.	627.	658.	1547.	799.
1.770	2628.32	1.41	2628.86	175.	175.	520.	695.	595.	627.	847.	1539.	619.
1.770	2628.39	0.0	2631.73	32.	0.	0.	0.	595.	627.	0.	3005.	0.
1.770	2628.28	-0.11	2631.74	32.	175.	520.	695.	595.	627.	0.	3005.	0.
1.770	2631.66	0.0	2631.73	605.	0.	0.	0.	595.	627.	858.	1114.	1034.
1.770	2632.10	0.45	2632.40	175.	175.	520.	695.	595.	627.	677.	1800.	527.
1.770	2631.64	0.0	2631.78	559.	0.	0.	0.	595.	627.	782.	1255.	968.
1.770	2632.07	0.43	2632.50	175.	175.	520.	695.	595.	627.	648.	1868.	490.
1.800	2631.76	0.0	2631.89	512.	0.	0.	0.	595.	627.	860.	1065.	1075.
1.800	2632.28	0.51	2632.71	150.	150.	520.	670.	595.	627.	885.	1704.	411.
1.800	2630.83	0.0	2634.10	32.	0.	0.	0.	595.	627.	0.	3000.	0.
1.800	2631.16	0.34	2634.12	32.	150.	520.	670.	595.	627.	0.	3000.	0.
1.850	2632.94	0.0	2634.29	36.	0.	0.	0.	604.	640.	0.	3000.	0.
1.850	2632.84	-0.09	2634.22	36.	150.	547.	697.	604.	640.	0.	3000.	0.
1.850	2634.11	0.0	2634.41	414.	0.	0.	0.	597.	658.	738.	2130.	132.
1.850	2633.84	-0.27	2634.33	150.	150.	522.	672.	597.	658.	525.	2458.	17.
2.060	2640.19	0.0	2640.95	378.	0.	0.	0.	413.	447.	1332.	1578.	0.
2.060	2640.74	0.55	2641.91	173.	175.	272.	447.	413.	447.	960.	1950.	0.
2.240	2646.25	0.0	2646.54	286.	0.	0.	0.	398.	436.	1741.	1104.	0.
2.240	2647.19	0.94	2647.58	175.	175.	261.	436.	398.	436.	1445.	1400.	0.
2.240	2646.47	0.0	2646.71	289.	0.	0.	0.	398.	436.	1778.	1066.	1.
2.240	2647.39	0.93	2647.74	175.	175.	261.	436.	398.	436.	1473.	1372.	0.
2.240	2648.53	0.0	2648.60	322.	0.	0.	0.	398.	436.	1973.	844.	28.
2.240	2648.87	0.35	2649.04	175.	175.	261.	436.	398.	436.	1624.	1221.	0.
2.240	2648.53	0.0	2648.61	322.	0.	0.	0.	398.	436.	1974.	843.	28.
2.240	2648.89	0.35	2649.06	175.	175.	261.	436.	398.	436.	1626.	1219.	0.
2.410	2653.11	0.0	2653.75	479.	0.	0.	0.	518.	560.	268.	1373.	1144.
2.410	2653.51	0.40	2654.55	175.	175.	518.	693.	518.	560.	0.	1738.	1047.
2.450	2654.93	0.0	2655.09	552.	0.	0.	0.	518.	560.	467.	976.	1327.
2.450	2655.90	0.97	2656.25	175.	175.	518.	693.	518.	560.	0.	1453.	1317.

SECD	CHSEL	DIFKWS	EG	TOPHID	PERENC	STENCL	STENCR	STCHL	STCHR	QL08	QCH	QR08
2.450	2655.06	0.0	2655.20	561.	0.	0.	0.	518.	560.	488.	944.	1337.
2.450	2656.07	1.01	2656.39	175.	175.	518.	693.	518.	560.	0.	1433.	1337.
* 2.450	2656.82	0.0	2657.55	425.	0.	0.	0.	409.	448.	350.	1755.	665.
* 2.450	2657.09	0.28	2658.32	175.	175.	409.	584.	409.	448.	0.	2165.	605.
2.450	2657.15	0.0	2657.64	446.	0.	0.	0.	409.	448.	418.	1586.	766.
2.450	2657.57	0.42	2658.45	175.	175.	409.	584.	409.	448.	0.	2032.	738.
* 2.750	2668.51	0.0	2669.91	152.	0.	0.	0.	301.	335.	407.	1997.	261.
2.750	2669.18	0.67	2670.32	125.	125.	210.	335.	301.	335.	659.	2007.	0.
* 2.750	2669.11	0.0	2670.47	130.	0.	0.	0.	301.	335.	684.	1981.	0.
2.750	2669.94	0.84	2670.69	125.	125.	210.	335.	301.	335.	911.	1754.	0.
2.750	2672.15	0.0	2672.32	231.	0.	0.	0.	301.	335.	1056.	1262.	347.
2.750	2673.04	0.89	2673.23	125.	125.	210.	335.	301.	335.	1292.	1373.	0.
2.750	2672.16	0.0	2672.33	232.	0.	0.	0.	301.	335.	1057.	1261.	347.
2.750	2673.06	0.89	2673.25	125.	125.	210.	335.	301.	335.	1293.	1372.	0.
* 2.850	2673.77	0.0	2674.59	330.	0.	0.	0.	394.	420.	890.	1549.	190.
* 2.850	2674.14	0.38	2675.30	150.	150.	270.	420.	394.	420.	826.	1804.	0.
2.850	2674.48	0.0	2674.85	343.	0.	0.	0.	394.	420.	1177.	1247.	206.
2.850	2675.08	0.60	2675.66	150.	150.	270.	420.	394.	420.	1104.	1526.	0.
2.850	2674.55	0.0	2674.91	345.	0.	0.	0.	394.	420.	1228.	1190.	212.
2.850	2675.42	0.86	2675.90	150.	150.	270.	420.	394.	420.	1211.	1419.	0.
2.850	2674.61	0.0	2674.94	345.	0.	0.	0.	394.	420.	1241.	1177.	212.
2.850	2675.48	0.87	2675.95	150.	150.	270.	420.	394.	420.	1222.	1408.	0.
* 2.950	2677.10	0.0	2677.93	331.	0.	0.	0.	394.	420.	937.	1496.	197.
2.950	2677.93	0.83	2678.76	150.	150.	270.	420.	394.	420.	1018.	1612.	0.
* 3.030	2681.21	0.0	2682.09	288.	0.	0.	0.	311.	353.	557.	1903.	105.
3.030	2681.47	0.27	2683.07	80.	80.	310.	390.	311.	353.	3.	2414.	148.
* 3.100	2685.45	0.0	2686.32	286.	0.	0.	0.	311.	353.	580.	1876.	109.
3.100	2685.76	0.31	2687.34	80.	80.	310.	390.	311.	353.	3.	2399.	163.
* 3.200	2691.29	0.0	2692.27	279.	0.	0.	0.	311.	353.	494.	1898.	92.
3.200	2692.05	0.76	2693.34	80.	80.	310.	390.	311.	353.	3.	2296.	186.
3.260	2694.92	0.0	2695.89	275.	0.	0.	0.	782.	822.	341.	2059.	0.
3.260	2695.55	0.63	2696.42	100.	100.	722.	822.	782.	822.	284.	2116.	0.
* 3.500	2708.24	0.0	2709.10	289.	0.	0.	0.	547.	598.	545.	1627.	228.
3.500	2708.26	0.02	2709.56	118.	120.	480.	600.	547.	598.	521.	1879.	0.
3.500	2709.11	0.0	2709.44	325.	0.	0.	0.	547.	598.	676.	1342.	382.
3.500	2709.41	0.30	2710.02	120.	120.	480.	600.	547.	598.	673.	1725.	2.
3.500	2711.42	0.0	2711.48	464.	0.	0.	0.	547.	598.	872.	960.	568.
3.500	2712.22	0.79	2712.41	120.	120.	480.	600.	547.	598.	831.	1564.	5.

SECNO	CWSEL	DIFKWS	EG	TOPWID	PERENC	STENCL	STENCR	STCHL	STCHR	QLOB	QCH	QROB
3.500	2711.43	0.0	2711.49	464.	0.	0.	0.	547.	598.	874.	958.	568.
3.500	2712.23	0.80	2712.42	120.	120.	480.	600.	547.	598.	831.	1564.	5.

SUMMARY OF ERRORS

CAUTION SECNO= 0.030 PROFILE= 1 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 0.030 PROFILE= 2 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.030 PROFILE= 1 HYDRAULIC JUMP D.S.
 CAUTION SECNO= 0.030 PROFILE= 2 HYDRAULIC JUMP D.S.

CAUTION SECNO= 0.060 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.060 PROFILE= 1

PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 0.060 PROFILE= 1

20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 0.060 PROFILE= 2 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.060 PROFILE= 2

PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 0.060 PROFILE= 2

20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 0.070 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.070 PROFILE= 1

PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 0.070 PROFILE= 1

20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 0.070 PROFILE= 2 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.070 PROFILE= 2

PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 0.070 PROFILE= 2

20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 1.240 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 1.480 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 1.770 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 1.770 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 1.770 PROFILE= 1

PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 1.770 PROFILE= 1

20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 1.770 PROFILE= 2 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 1.770 PROFILE= 2

PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 1.770 PROFILE= 2

20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 1.800 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 1.800 PROFILE= 1

PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 1.800 PROFILE= 1

20 TRIALS ATTEMPTED TO BALANCE WSEL

M F ✓

FLOODWAY DATA, BEAVERDAM CREEK
 PROFILE NO. 2

STATION	WIDTH (FT)	FLOODWAY		WATER SURFACE ELEVATION		DIFFERENCE
		SECTION AREA	MEAN VELOCITY	WITH FLOODWAY	WITHOUT FLOODWAY	
0.030	28.	225.	14.6	2574.2	2574.2	0.0
0.030	28.	219.	15.0	2575.1	2575.1	0.0
0.030	28.	277.	11.9	2577.2	2577.2	0.0
0.060	107.	875.	3.8	2580.3	2579.6	0.7
A 0.060	73.	289.	11.4	2584.2	2584.2	0.0
0.070	75.	325.	10.1	2585.3	2585.3	0.0
0.280	110.	694.	4.7	2592.3	2591.5	0.8
B 0.400	175.	1015.	3.2	2594.5	2593.5	1.0
C 0.650	90.	397.	8.0	2597.9	2597.6	0.3
D 0.980	150.	665.	4.7	2605.4	2604.6	0.8
E 1.240	70.	333.	9.3	2610.0	2609.9	1.0
1.400	100.	400.	7.7	2616.8	2616.7	0.1
1.480	125.	381.	8.0	2619.4	2619.2	0.2
F 1.480	125.	497.	6.1	2620.3	2620.3	0.0
1.500	125.	1178.	2.6	2626.7	2626.2	0.5
1.500	125.	1179.	2.6	2626.7	2626.2	0.5
1.560	125.	938.	3.2	2626.9	2626.4	0.5
1.770	175.	653.	4.6	2628.3	2626.9	1.0
1.770	175.	201.	14.9	2628.4	2628.4	0.0
G 1.770	175.	1332.	2.3	2632.1	2631.7	0.4
1.800	150.	1116.	2.7	2632.1	2631.6	0.5
1.800	150.	832.	3.6	2632.3	2631.8	0.5
H 1.800	150.	218.	13.8	2631.2	2630.8	0.4
1.850	150.	318.	9.4	2632.9	2632.9	0.0
1.850	150.	695.	4.3	2634.1	2634.1	0.0
I 2.060	175.	480.	6.1	2640.7	2640.2	0.5
2.240	175.	687.	4.1	2647.2	2646.3	0.9
2.240	175.	722.	3.9	2647.4	2646.5	0.9
2.240	175.	981.	2.9	2648.9	2648.5	0.4
J 2.240	175.	985.	2.9	2648.9	2648.5	0.4
K 2.410	175.	451.	6.2	2653.5	2653.1	0.4
2.450	175.	729.	3.8	2655.9	2654.9	1.0
2.450	175.	760.	3.6	2656.1	2655.1	1.0
2.450	175.	458.	6.0	2657.1	2656.8	0.3
L 2.450	175.	541.	5.1	2657.6	2657.2	0.4
2.750	125.	392.	6.8	2669.2	2668.5	0.7
2.750	125.	468.	5.7	2669.9	2669.1	0.8
2.750	125.	856.	3.1	2673.0	2672.2	0.8
M 2.750	125.	858.	3.1	2673.1	2672.2	0.9
2.850	150.	417.	6.3	2674.1	2673.8	0.3
2.850	150.	557.	4.7	2675.1	2674.5	0.6
2.850	150.	598.	4.4	2675.4	2674.6	0.8
N 2.850	150.	606.	4.3	2675.5	2674.6	0.9
2.950	150.	481.	5.5	2677.9	2677.1	0.8
O 3.030	80.	294.	8.7	2681.5	2681.2	0.3
3.100	80.	293.	8.8	2685.8	2685.5	0.3
3.200	80.	316.	7.9	2692.1	2691.3	0.8
P 3.260	100.	376.	6.4	2695.5	2694.9	0.6
Q 3.500	120.	310.	7.7	2708.3	2708.2	0.1
3.500	120.	448.	5.4	2709.4	2709.1	0.3

FLOODWAY DATA, BEAVERDAM CREEK
 PROFILE NO. 2

STATION	WIDTH (FT)	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION DIFFERENCE		
				WITH FLOODWAY	WITHOUT FLOODWAY	
3.500	120.	784.	3.1	2712.2	2711.4	0.8
Q 3.500	120.	786.	3.1	2712.2	2711.4	0.8

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