

WHITEOAK

GREEK

WHITEOAK CREEK

YANCEY COUNTY NC FEMA ST

FILE	500 YR FLOOD		100 YR FLOOD		50 YR FLOOD		10 YEAR FLOOD	
	C	ELFV	Q	ELEV	Q	ELEV	Q	ELEV
0*		2682.8		2678.5		2676.8		2672.5
0.100 <sub>DS</sub>	2285.	2677.2	2130.	2675.9	1740.	2675.3	1005.	2674.0
0.100 <sub>US</sub>	2285.	2678.7	2130.	2678.0	1740.	2677.2	1005.	2675.4
0.330	2935.	2687.7	1905.	2686.2	1560.	2685.6	900.	2684.5
0.500	2675.	2704.2	1740.	2702.6	1425.	2702.1	825.	2701.2
0.740	2290.	2719.1	1500.	2718.9	1225.	2718.5	715.	2717.4
0.750 <sub>DS</sub>	2290.	2720.9	1500.	2719.7	1225.	2719.2	715.	2718.2
0.750 <sub>US</sub>	2290.	2723.3	1500.	2721.6	1225.	2720.9	715.	2719.4
0.820	2170.	2731.7	1420.	2730.0	1165.	2729.5	680.	2728.2
0.830 <sub>DS</sub>	2170.	2733.0	1420.	2731.6	1165.	2730.3	680.	2729.1
0.830 <sub>US</sub>	2170.	2735.1	1420.	2733.2	1165.	2732.4	680.	2730.7
1.000 <sub>DS</sub>	1910.	2747.7	1255.	2746.0	1030.	2744.9	600.	2743.5
1.000 <sub>US</sub>	1910.	2749.2	1255.	2748.2	1030.	2747.3	600.	2745.6
1.170	1650.	2781.9	1090.	2781.4	895.	2781.1	525.	2779.5

\* SOUTH TOE RIVER MILE 20.29 ELEVATIONS @ THE MOUTH OF WHITEOAK CREEK

WHITEOAK CREEK

SUMMARY PRINTOUT TABLE 150

SECNC	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
0.100	1005.	2674.0'	0.0	0.0	0.0	73.19	0.0
0.100	1740.	2675.3'	1.3	0.0	0.0	81.13	0.0
0.100	2130.	2675.9'	0.6	0.0	0.0	84.63	0.0
0.100	3285.	2677.3'	1.4	0.0	0.0	728.97	0.0
0.100	1005.	2674.5	0.0	0.5	0.0	34.00	100.00
0.100	1740.	2675.6	1.1	0.3	0.0	34.00	100.00
0.100	2130.	2676.0	0.4	0.1	0.0	34.00	100.00
0.100	3285.	2677.8	1.7	0.5	0.0	1069.67	100.00
0.100	1005.	2674.5	0.0	0.0	0.0	34.00	26.00
0.100	1740.	2675.6	1.1	0.0	0.0	34.00	26.00
0.100	2130.	2677.5	1.9	1.5	0.0	714.00	26.00
0.100	3285.	2678.1	0.6	0.3	0.0	1071.10	26.00
0.100	1005.	2675.4'	0.0	0.9	0.0	81.43	25.00
0.100	1740.	2677.2'	1.8	1.6	0.0	728.72	25.00
0.100	2130.	2678.0'	0.8	0.5	0.0	1070.54	25.00
0.100	3285.	2678.7'	0.7	0.6	0.0	1073.59	25.00
* 0.330	500.	2684.5'	0.0	9.1	0.0	54.90	1170.00
* 0.330	1560.	2685.6'	1.1	8.4	0.0	76.16	1170.00
* 0.330	1905.	2686.2'	0.6	8.2	0.0	138.05	1170.00
* 0.330	2935.	2687.7'	1.5	9.0	0.0	337.89	1170.00
0.500	825.	2701.2'	0.0	16.7	0.0	54.93	870.00
* 0.500	1425.	2702.1'	0.9	16.5	0.0	70.83	870.00
* 0.500	1740.	2702.6'	0.5	16.4	0.0	102.04	870.00
* 0.500	2675.	2704.2'	1.6	16.5	0.0	336.81	870.00
0.740	715.	2717.4'	0.0	16.2	0.0	65.44	1170.00
0.740	1225.	2718.5'	1.1	16.5	0.0	73.34	1170.00
0.740	1500.	2718.9'	0.4	16.3	0.0	76.05	1170.00
0.740	2290.	2719.1'	0.2	14.9	0.0	77.25	1170.00
0.750	715.	2718.2'	0.0	0.8	0.0	34.00	80.00
* 0.750	1225.	2719.2'	1.0	0.6	0.0	34.00	80.00
* 0.750	1500.	2719.7'	0.5	0.7	0.0	34.00	80.00
* 0.750	2290.	2720.9'	1.2	1.8	0.0	34.00	80.00
0.750	715.	2718.4	0.0	0.2	0.0	34.00	28.00
0.750	1225.	2719.6	1.1	0.4	0.0	34.00	28.00
0.750	1500.	2720.1	0.6	0.5	0.0	34.00	28.00
0.750	2290.	2722.9	2.7	2.0	0.0	162.06	28.00
0.750	715.	2719.4'	0.0	0.9	0.0	69.37	20.00
0.750	1225.	2720.9'	1.5	1.3	0.0	79.98	20.00
0.750	1500.	2721.6'	0.7	1.5	0.0	86.99	20.00
0.750	2290.	2723.3'	1.6	0.4	0.0	208.13	20.00
* 0.820	680.	2728.2'	0.0	8.8	0.0	25.98	350.00
* 0.820	1165.	2729.5'	1.3	8.6	0.0	30.53	350.00
* 0.820	1420.	2730.0'	0.5	8.4	0.0	32.54	350.00
* 0.820	2170.	2731.7'	1.7	8.5	0.0	96.21	350.00

	SECNC	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
	0.830	680.	2729.1'	0.0	0.9	0.0	15.00	40.00
	0.830	1165.	2730.3'	1.3	0.8	0.0	32.65	40.00
*	0.830	1420.	2731.6'	1.3	1.6	0.0	94.20	40.00
*	0.830	2170.	2733.0'	1.3	1.2	0.0	100.78	40.00
	0.830	680.	2728.4	0.0	-0.7	0.0	15.00	12.00
*	0.830	1165.	2730.5	2.1	0.2	0.0	33.73	12.00
	0.830	1420.	2731.8	1.3	0.2	0.0	95.27	12.00
*	0.830	2170.	2733.1	1.3	0.2	0.0	113.19	12.00
	0.830	680.	2730.7'	0.0	2.3	0.0	34.68	10.00
	0.830	1165.	2732.4'	1.7	1.9	0.0	98.18	10.00
	0.830	1420.	2733.2'	0.8	1.3	0.0	123.53	10.00
	0.830	2170.	2735.1'	1.9	2.0	0.0	504.79	10.00
*	1.000	600.	2743.5'	0.0	12.7	0.0	19.32	900.00
*	1.000	1030.	2744.9'	1.4	12.5	0.0	21.39	900.00
*	1.000	1255.	2746.0'	1.1	12.8	0.0	73.87	900.00
*	1.000	1910.	2747.7'	1.7	12.6	0.0	221.83	900.00
	1.000	600.	2744.7	0.0	1.2	0.0	17.84	40.00
	1.000	1030.	2746.2	1.6	1.3	0.0	82.37	40.00
	1.000	1255.	2746.6	0.4	0.6	0.0	96.42	40.00
*	1.000	1910.	2748.2	1.5	0.4	0.0	225.21	40.00
	1.000	600.	2745.1	0.0	0.5	0.0	30.28	12.00
	1.000	1030.	2746.2	1.1	-0.0	0.0	82.36	12.00
*	1.000	1255.	2746.6	0.4	0.0	0.0	96.55	12.00
*	1.000	1910.	2748.4	1.8	0.2	0.0	226.92	12.00
	1.000	600.	2745.6	0.0	0.4	0.0	57.08	10.00
	1.000	1030.	2747.3'	1.7	1.1	0.0	217.10	10.00
	1.000	1255.	2748.2'	0.9	1.6	0.0	225.36	10.00
	1.000	1910.	2749.2'	1.0	0.8	0.0	232.95	10.00
*	1.170	525.	2779.5'	0.0	33.9	0.0	26.95	850.00
*	1.170	895.	2781.1'	1.6	33.7	0.0	208.50	850.00
*	1.170	1090.	2781.4'	0.3	33.2	0.0	212.47	850.00
*	1.170	1650.	2781.9	0.5	32.7	0.0	219.17	850.00

SUMMARY OF ERRORS

CAUTION SECNO= 0.330 PROFILE= 1 CRITICAL DEPTH ASSUMED  
 CAUTION SECNO= 0.330 PROFILE= 1  
 PROBABLE MINIMUM SPECIFIC ENERGY  
 CAUTION SECNO= 0.330 PROFILE= 1  
 20 TRIALS ATTEMPTED TO BALANCE WSEL  
 CAUTION SECNO= 0.330 PROFILE= 2 CRITICAL DEPTH ASSUMED  
 CAUTION SECNO= 0.330 PROFILE= 2  
 PROBABLE MINIMUM SPECIFIC ENERGY  
 CAUTION SECNO= 0.330 PROFILE= 2  
 20 TRIALS ATTEMPTED TO BALANCE WSEL  
 CAUTION SECNO= 0.330 PROFILE= 3 CRITICAL DEPTH ASSUMED  
 CAUTION SECNO= 0.330 PROFILE= 3  
 PROBABLE MINIMUM SPECIFIC ENERGY  
 CAUTION SECNO= 0.330 PROFILE= 3  
 20 TRIALS ATTEMPTED TO BALANCE WSEL

SECNC	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
0.830	680.	2729.1'	0.0	0.9	0.0	15.00	40.00
0.830	1165.	2730.3'	1.3	0.8	0.0	32.65	40.00
* 0.830	1420.	2731.6'	1.3	1.6	0.0	94.20	40.00
* 0.830	2170.	2733.0'	1.3	1.2	0.0	100.78	40.00
0.830	680.	2728.4	0.0	-0.7	0.0	15.00	12.00
* 0.830	1165.	2730.5	2.1	0.2	0.0	33.73	12.00
0.830	1420.	2731.8	1.3	0.2	0.0	95.27	12.00
* 0.830	2170.	2733.1	1.3	0.2	0.0	113.19	12.00
0.830	680.	2730.7'	0.0	2.3	0.0	34.68	10.00
0.830	1165.	2732.4'	1.7	1.9	0.0	98.18	10.00
0.830	1420.	2733.2'	0.8	1.3	0.0	123.53	10.00
0.830	2170.	2735.1'	1.9	2.0	0.0	504.79	10.00
* 1.000	600.	2743.5'	0.0	12.7	0.0	19.32	900.00
* 1.000	1030.	2744.9'	1.4	12.5	0.0	21.39	900.00
* 1.000	1255.	2746.0'	1.1	12.8	0.0	73.87	900.00
* 1.000	1910.	2747.7'	1.7	12.6	0.0	221.83	900.00
1.000	600.	2744.7	0.0	1.2	0.0	17.84	40.00
1.000	1030.	2746.2	1.6	1.3	0.0	82.37	40.00
1.000	1255.	2746.6	0.4	0.6	0.0	96.42	40.00
* 1.000	1910.	2748.2	1.5	0.4	0.0	225.21	40.00
1.000	600.	2745.1	0.0	0.5	0.0	30.28	12.00
1.000	1030.	2746.2	1.1	-0.0	0.0	82.36	12.00
* 1.000	1255.	2746.6	0.4	0.0	0.0	96.55	12.00
* 1.000	1910.	2748.4	1.8	0.2	0.0	226.92	12.00
1.000	600.	2745.6'	0.0	0.4	0.0	57.08	10.00
1.000	1030.	2747.3'	1.7	1.1	0.0	217.10	10.00
1.000	1255.	2748.2'	0.9	1.6	0.0	225.36	10.00
1.000	1910.	2749.2'	1.0	0.8	0.0	232.95	10.00
* 1.170	525.	2779.5'	0.0	33.9	0.0	26.95	850.00
* 1.170	895.	2781.1'	1.6	33.7	0.0	208.50	850.00
* 1.170	1090.	2781.4'	0.3	33.2	0.0	212.47	850.00
* 1.170	1650.	2781.9	0.5	32.7	0.0	219.17	850.00

SUMMARY OF ERRORS

CAUTION SECNO= 0.320 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.320 PROFILE= 1  
PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 0.320 PROFILE= 1  
20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 0.320 PROFILE= 2 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.320 PROFILE= 2  
PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 0.320 PROFILE= 2  
20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 0.320 PROFILE= 3 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.320 PROFILE= 3  
PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 0.320 PROFILE= 3  
20 TRIALS ATTEMPTED TO BALANCE WSEL

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 MC2 RELEASE DATED MCV 76 UPDATED JULY 1979  
 ERROR CORR - 01,02,03  
 MODIFICATION - 50,51,52,53,54  
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NOTE- ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER  
 INDICATES MESSAGE IN SUMMARY OF ERRORS LIST/

WHITEOAK CREEK

SUMMARY PRINTOUT TABLE 150

SFCNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS
0.100	0.	0.0	0.0	2669.9	1005.0	2674.03	0.0
0.100	0.	0.0	0.0	2669.9	1740.0	2675.32	0.0
0.100	0.	0.0	0.0	2669.9	2130.0	2675.89	0.0
0.100	0.	0.0	0.0	2669.9	3285.0	2677.28	2675.04
0.100	100.	0.0	0.0	2669.9	1005.0	2674.50	0.0
0.100	100.	0.0	0.0	2669.9	1740.0	2675.60	0.0
0.100	100.	0.0	0.0	2669.9	2130.0	2676.03	0.0
0.100	100.	0.0	0.0	2669.9	3285.0	2677.76	2677.70
0.100	26.	2677.4	2676.9	2669.9	1005.0	2674.50	0.0
0.100	26.	2677.4	2676.9	2669.9	1740.0	2675.60	0.0
0.100	26.	2677.4	2676.9	2669.9	2130.0	2677.51	0.0
0.100	26.	2677.4	2676.9	2669.9	3285.0	2678.09	0.0
0.100	25.	0.0	0.0	2669.9	1005.0	2675.36	0.0
0.100	25.	0.0	0.0	2669.9	1740.0	2677.21	0.0
0.100	25.	0.0	0.0	2669.9	2130.0	2677.96	0.0
0.100	25.	0.0	0.0	2669.9	3285.0	2678.68	0.0
* 0.330	1170.	0.0	0.0	2680.9	900.0	2684.48	2684.48
* 0.330	1170.	0.0	0.0	2680.9	1560.0	2685.57	2685.57
* 0.330	1170.	0.0	0.0	2680.9	1905.0	2686.21	2686.21
* 0.330	1170.	0.0	0.0	2680.9	2935.0	2687.70	2687.70
0.500	870.	0.0	0.0	2697.6	825.0	2701.19	2701.04
* 0.500	870.	0.0	0.0	2697.6	1425.0	2702.07	2702.07
* 0.500	870.	0.0	0.0	2697.6	1740.0	2702.59	2702.59
* 0.500	870.	0.0	0.0	2697.6	2675.0	2704.23	2704.23
0.740	1170.	0.0	0.0	2713.3	715.0	2717.41	0.0
0.740	1170.	0.0	0.0	2713.3	1225.0	2718.54	0.0
0.740	1170.	0.0	0.0	2713.3	1500.0	2718.93	0.0
0.740	1170.	0.0	0.0	2713.3	2290.0	2719.10	2718.60
0.750	80.	0.0	0.0	2714.7	715.0	2718.20	2718.13
* 0.750	80.	0.0	0.0	2714.7	1225.0	2719.16	2719.16
* 0.750	80.	0.0	0.0	2714.7	1500.0	2719.67	2719.67
* 0.750	80.	0.0	0.0	2714.7	2290.0	2720.88	2720.88

\*\*\*\*\*  
 MC2 RELEASE DATED MCV 76 UPDATED JULY 1979  
 ERROR CORR - 01,02,03  
 MODIFICATION - 50,51,52,53,54  
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NOTE-- ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER  
 INDICATES MESSAGE IN SUMMARY OF ERRORS LIST/

WHITEOAK CREEK

SUMMARY PRINTOUT TABLE 150

SFCNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS
0.100	0.	0.0	0.0	2669.9	1005.0	2674.03	0.0
0.100	0.	0.0	0.0	2669.9	1740.0	2675.32	0.0
0.100	0.	0.0	0.0	2669.9	2130.0	2675.89	0.0
0.100	0.	0.0	0.0	2669.9	3285.0	2677.28	2675.04
0.100	100.	0.0	0.0	2669.9	1005.0	2674.50	0.0
0.100	100.	0.0	0.0	2669.9	1740.0	2675.60	0.0
0.100	100.	0.0	0.0	2669.9	2130.0	2676.03	0.0
0.100	100.	0.0	0.0	2669.9	3285.0	2677.76	2677.70
0.100	26.	2677.4	2676.9	2669.9	1005.0	2674.50	0.0
0.100	26.	2677.4	2676.9	2669.9	1740.0	2675.60	0.0
0.100	26.	2677.4	2676.9	2669.9	2130.0	2677.51	0.0
0.100	26.	2677.4	2676.9	2669.9	3285.0	2678.09	0.0
0.100	25.	0.0	0.0	2669.9	1005.0	2675.36	0.0
0.100	25.	0.0	0.0	2669.9	1740.0	2677.21	0.0
0.100	25.	0.0	0.0	2669.9	2130.0	2677.96	0.0
0.100	25.	0.0	0.0	2669.9	3285.0	2678.68	0.0
* 0.330	1170.	0.0	0.0	2680.9	900.0	2684.48	2684.48
* 0.330	1170.	0.0	0.0	2680.9	1560.0	2685.57	2685.57
* 0.330	1170.	0.0	0.0	2680.9	1905.0	2686.21	2686.21
* 0.330	1170.	0.0	0.0	2680.9	2935.0	2687.70	2687.70
0.500	870.	0.0	0.0	2697.6	825.0	2701.19	2701.04
* 0.500	870.	0.0	0.0	2697.6	1425.0	2702.07	2702.07
* 0.500	870.	0.0	0.0	2697.6	1740.0	2702.59	2702.59
* 0.500	870.	0.0	0.0	2697.6	2675.0	2704.23	2704.23
0.740	1170.	0.0	0.0	2713.3	715.0	2717.41	0.0
0.740	1170.	0.0	0.0	2713.3	1225.0	2718.54	0.0
0.740	1170.	0.0	0.0	2713.3	1500.0	2718.93	0.0
0.740	1170.	0.0	0.0	2713.3	2290.0	2719.10	2718.60
0.750	80.	0.0	0.0	2714.7	715.0	2718.20	2718.13
* 0.750	80.	0.0	0.0	2714.7	1225.0	2719.16	2719.16
* 0.750	80.	0.0	0.0	2714.7	1500.0	2719.67	2719.67
* 0.750	80.	0.0	0.0	2714.7	2290.0	2720.88	2720.88

SFCNO	XLCH	FLTRC	FLLC	EL4IN	Q	CWSEL	CRWS
0.750	28.	2722.0	2721.0	2714.7	715.0	2718.43	0.0
0.750	28.	2722.0	2721.0	2714.7	1225.0	2719.57	0.0
0.750	28.	2722.0	2721.0	2714.7	1500.0	2720.14	0.0
0.750	28.	2722.0	2721.0	2714.7	2290.0	2722.86	0.0
0.750	20.	0.0	0.0	2714.7	715.0	2719.37	0.0
0.750	20.	0.0	0.0	2714.7	1225.0	2720.90	0.0
0.750	20.	0.0	0.0	2714.7	1500.0	2721.64	0.0
0.750	20.	0.0	0.0	2714.7	2290.0	2723.28	0.0
* 0.820	350.	0.0	0.0	2723.6	680.0	2728.21	2728.21
* 0.820	350.	0.0	0.0	2723.6	1165.0	2729.55	2729.55
* 0.820	350.	0.0	0.0	2723.6	1420.0	2730.00	2730.00
* 0.820	350.	0.0	0.0	2723.6	2170.0	2731.74	2731.74
0.830	40.	0.0	0.0	2723.9	680.0	2729.07	0.0
0.830	40.	0.0	0.0	2723.9	1165.0	2730.33	2730.29
* 0.830	40.	0.0	0.0	2723.9	1420.0	2731.64	2731.64
* 0.830	40.	0.0	0.0	2723.9	2170.0	2732.96	2732.96
0.830	12.	2730.1	2728.7	2723.9	680.0	2728.41	0.0
* 0.830	12.	2730.1	2728.7	2723.9	1165.0	2730.54	0.0
0.830	12.	2730.1	2728.7	2723.9	1420.0	2731.84	0.0
* 0.830	12.	2730.1	2728.7	2723.9	2170.0	2733.11	0.0
0.830	10.	0.0	0.0	2725.2	680.0	2730.73	2729.36
0.830	10.	0.0	0.0	2725.2	1165.0	2732.43	0.0
0.830	10.	0.0	0.0	2725.2	1420.0	2733.19	0.0
0.830	10.	0.0	0.0	2725.2	2170.0	2735.14	0.0
* 1.000	900.	0.0	0.0	2739.4	600.0	2743.47	2743.47
* 1.000	900.	0.0	0.0	2739.4	1030.0	2744.90	2744.90
* 1.000	900.	0.0	0.0	2739.4	1255.0	2745.99	2745.99
* 1.000	900.	0.0	0.0	2739.4	1910.0	2747.71	2747.71
1.000	40.	0.0	0.0	2739.4	600.0	2744.66	0.0
1.000	40.	0.0	0.0	2739.4	1030.0	2746.22	2745.36
1.000	40.	0.0	0.0	2739.4	1255.0	2746.61	2746.49
* 1.000	40.	0.0	0.0	2739.4	1910.0	2748.15	2748.15
1.000	12.	2745.0	2744.1	2739.4	600.0	2745.14	0.0
1.000	12.	2745.0	2744.1	2739.4	1030.0	2746.22	0.0
* 1.000	12.	2745.0	2744.1	2739.4	1255.0	2746.61	0.0
* 1.000	12.	2745.0	2744.1	2739.4	1910.0	2748.37	0.0
1.000	10.	0.0	0.0	2740.0	600.0	2745.58	0.0
1.000	10.	0.0	0.0	2740.0	1030.0	2747.31	0.0
1.000	10.	0.0	0.0	2740.0	1255.0	2748.17	0.0
1.000	10.	0.0	0.0	2740.0	1910.0	2749.17	0.0
* 1.170	850.	0.0	0.0	2776.4	525.0	2779.49	2779.49
* 1.170	850.	0.0	0.0	2776.4	895.0	2781.06	2781.06
* 1.170	850.	0.0	0.0	2776.4	1090.0	2781.37	2781.37
* 1.170	850.	0.0	0.0	2776.4	1650.0	2781.88	2781.98



WHITEOAK CREEK

100 YR FLOODWAY

FLOODWAY DATA, WHITEOAK CREEK  
 PROFILE NO. 2

STATION	FLOODWAY		MEAN VELOCITY	WATER SURFACE ELEVATION		
	WIDTH (FT)	SECTION AREA		WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
0.100 D.S.*	95.	455.	4.7	2676.9	2675.9	1.0
<del>0.130</del>	<del>55.</del>	<del>442.</del>	<del>4.8</del>	<del>2677.1</del>	<del>2676.0</del>	<del>1.1</del>
<del>0.180</del>	<del>55.</del>	<del>616.</del>	<del>3.5</del>	<del>2676.5</del>	<del>2677.5</del>	<del>1.0</del>
0.100 U.S.*	95.	640.	3.3	2678.9	2678.0	0.9
<del>0.230</del>	<del>43.</del>	<del>166.</del>	<del>11.5</del>	<del>2686.2</del>	<del>2686.2</del>	<del>0.0</del>
0.500	40.	163.	10.7	2702.7	2702.6	0.1
<del>0.740</del>	<del>89.</del>	<del>262.</del>	<del>5.7</del>	<del>2719.0</del>	<del>2718.9</del>	<del>0.1</del>
0.750 D.S.*	80.	133.	11.3	2719.7	2719.7	0.0
<del>0.750</del>	<del>80.</del>	<del>149.</del>	<del>10.1</del>	<del>2720.1</del>	<del>2720.1</del>	<del>0.0</del>
0.750 U.S.*	80.	354.	4.2	2721.6	2721.6	0.0
<del>0.820</del>	<del>35.</del>	<del>125.</del>	<del>11.4</del>	<del>2730.1</del>	<del>2730.0</del>	<del>0.1</del>
0.830 D.S.*	35.	150.	9.5	2731.6	2731.6	0.0
<del>0.830</del>	<del>35.</del>	<del>172.</del>	<del>8.2</del>	<del>2731.8</del>	<del>2731.8</del>	<del>0.0</del>
0.830 U.S.*	35.	203.	7.0	2733.2	2733.2	0.0
1.000 D.S.*	25.	103.	12.1	2746.0	2746.0	0.0
<del>1.300</del>	<del>25.</del>	<del>123.</del>	<del>10.2</del>	<del>2746.6</del>	<del>2746.6</del>	<del>0.0</del>
<del>1.000</del>	<del>25.</del>	<del>156.</del>	<del>8.1</del>	<del>2747.6</del>	<del>2746.6</del>	<del>1.0</del>
1.000 U.S.*	25.	172.	7.3	2748.5	2748.2	0.3
1.170	40.	107.	10.2	2781.4	2781.4	0.0

\* DOWNSTREAM AND UPSTREAM @ BRIDGES

WHITEOAK CREEK

100 YR FLOODWAY

FLOODWAY DATA, WHITEOAK CREEK  
PROFILE NO. 2

STATION	WIDTH (FT)	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	ELEVATION WITHOUT FLOODWAY	DIFFERENCE
0.100 <sup>DS</sup> *	95.	455.	4.7	2676.9	2675.9	1.0
<del>0.100</del>	<del>95.</del>	<del>442.</del>	<del>4.8</del>	<del>2677.1</del>	<del>2676.0</del>	<del>1.1</del>
<del>0.100</del>	<del>95.</del>	<del>616.</del>	<del>3.5</del>	<del>2676.5</del>	<del>2677.5</del>	<del>1.0</del>
0.100 <sup>US</sup> *	95.	640.	3.3	2678.9	2678.0	0.9
<del>0.333</del>	<del>40.</del>	<del>166.</del>	<del>11.5</del>	<del>2686.2</del>	<del>2686.2</del>	<del>0.0</del>
0.500	40.	163.	10.7	2702.7	2702.6	0.1
<del>0.740</del>	<del>80.</del>	<del>262.</del>	<del>5.7</del>	<del>2719.0</del>	<del>2718.9</del>	<del>0.1</del>
0.750 <sup>DS</sup> *	80.	133.	11.3	2719.7	2719.7	0.0
<del>0.750</del>	<del>80.</del>	<del>149.</del>	<del>10.1</del>	<del>2720.1</del>	<del>2720.1</del>	<del>0.0</del>
0.750 <sup>US</sup> *	80.	354.	4.2	2721.6	2721.6	0.0
<del>0.820</del>	<del>35.</del>	<del>125.</del>	<del>11.4</del>	<del>2730.1</del>	<del>2730.0</del>	<del>0.1</del>
0.830 <sup>DS</sup> *	35.	150.	9.5	2731.6	2731.6	0.0
<del>0.830</del>	<del>35.</del>	<del>172.</del>	<del>8.2</del>	<del>2731.8</del>	<del>2731.8</del>	<del>0.0</del>
0.830 <sup>US</sup> *	35.	203.	7.0	2733.2	2733.2	0.0
1.000 <sup>DS</sup> *	25.	103.	12.1	2746.0	2746.0	0.0
<del>1.000</del>	<del>25.</del>	<del>123.</del>	<del>10.2</del>	<del>2746.6</del>	<del>2746.6</del>	<del>0.0</del>
1.000	25.	156.	8.1	2747.6	2746.6	1.0
1.000 <sup>US</sup> *	25.	172.	7.3	2748.5	2748.2	0.3
1.170	40.	107.	10.2	2781.4	2781.4	0.0

\* DOWNSTREAM AND UPSTREAM @ BRIDGES

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 HEC2 RELEASE DATED NOV 76 UPDATED JULY 1979  
 ERRCR CORR - 01,02,03  
 MODIFICATION - 50,51,52,53,54  
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NOTE - ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER  
 INDICATES MESSAGE IN SUMMARY OF ERRORS LIST/

WHITEOAK CREEK

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	PERENC	STENCL	STENCR
0.100	2675.89	0.0	2676.41	85.	0.	0.	0.
0.100	2676.89	1.00	2677.23	91.	95.	2135.	2230.
0.100	2676.03	0.0	2678.05	34.	0.	0.	0.
0.100	2677.10	1.06	2677.81	78.	95.	2135.	2230.
0.100	2677.51	0.0	2678.05	714.	0.	0.	0.
0.100	2678.54	1.03	2678.97	55.	95.	2135.	2230.
0.100	2677.96	0.0	2678.13	1071.	0.	0.	0.
0.100	2678.85	0.89	2679.03	95.	95.	2135.	2230.
* 0.330	2686.21	0.0	2687.84	138.	0.	0.	0.
* 0.330	2686.10	-0.10	2688.20	40.	40.	615.	655.
* 0.500	2702.55	0.0	2704.23	102.	0.	0.	0.
0.500	2702.73	0.14	2704.55	40.	40.	615.	655.
0.740	2718.93	0.0	2719.52	76.	0.	0.	0.
0.740	2719.02	0.09	2719.59	74.	80.	315.	395.
* 0.750	2719.67	0.0	2721.64	34.	0.	0.	0.
* 0.750	2719.66	-0.01	2721.64	34.	80.	315.	395.
0.750	2720.14	0.0	2721.71	34.	0.	0.	0.
0.750	2720.13	-0.01	2721.71	34.	80.	315.	395.
0.750	2721.64	0.0	2721.96	87.	0.	0.	0.
0.750	2721.64	-0.00	2721.96	80.	80.	315.	395.
* 0.820	2730.00	0.0	2732.07	33.	0.	0.	0.
* 0.820	2730.06	0.06	2732.07	32.	35.	260.	295.
* 0.830	2731.64	0.0	2733.54	54.	0.	0.	0.
0.830	2731.10	-0.54	2733.71	35.	35.	260.	295.
0.830	2731.84	0.0	2733.54	95.	0.	0.	0.
* 0.830	2731.73	-0.11	2733.75	35.	35.	260.	295.

	SECNC	CWSEL	DIFKWS	EG	TOPWID	PERENC	STENCL	STENCR
	0.830	2733.15	0.0	2733.72	124.	0.	0.	0.
	0.830	2733.21	0.02	2734.00	35.	35.	260.	295.
*	1.000	2745.99	0.0	2747.77	74.	0.	0.	0.
*	1.000	2745.51	-0.48	2747.85	24.	25.	125.	150.
	1.000	2746.61	0.0	2748.37	96.	0.	0.	0.
	1.000	2746.33	-0.28	2748.67	24.	25.	125.	150.
*	1.000	2746.61	0.0	2748.37	97.	0.	0.	0.
*	1.000	2747.64	1.03	2749.20	25.	25.	125.	150.
	1.000	2748.17	0.0	2748.57	225.	0.	0.	0.
	1.000	2748.45	0.28	2749.34	25.	25.	125.	150.
*	1.170	2781.37	0.0	2782.14	212.	0.	0.	0.
*	1.170	2780.99	-0.38	2782.63	35.	40.	275.	315.

#### SUMMARY OF ERRORS

CAUTION SECNO= 0.330 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.330 PROFILE= 1

PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNC= 0.330 PROFILE= 1

20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 0.330 PROFILE= 2 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.330 PROFILE= 2

PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 0.330 PROFILE= 2

20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 0.500 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.750 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.750 PROFILE= 2 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.820 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.820 PROFILE= 1

PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 0.820 PROFILE= 1

20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 0.820 PROFILE= 2 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.820 PROFILE= 2

PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNC= 0.820 PROFILE= 2

20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 0.830 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.830 PROFILE= 2 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.830 PROFILE= 2 HYDRAULIC JUMP D.S.

CAUTION SECNO= 1.000 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 1.000 PROFILE= 1

PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 1.000 PROFILE= 1

20 TRIALS ATTEMPTED TO BALANCE WSEL