

BRIDGE

BIRCH CREEK

BIG CREEK

YANCEY COUNTY NC FEMA ST

500 YR FLOOD			100 YR FLOOD		50 YR FLOOD		10 YR FLCCD	
MILE	Q	ELEV	Q	ELEV	Q	ELEV	Q	ELEV
0.0*		2128.3		2118.5		2114.7		2102.1
0.040 D.S.	5010.	2101.8	3220.	2100.1	2615.	2099.4	1495.	2097.7
0.040 U.S.	5010.	2106.2	3220.	2102.9	2615.	2101.2	1495.	2099.1
0.240	4925.	2125.2	3165.	2123.2	2570.	2122.4	1470.	2120.9
0.250	4920.	2129.1	3160.	2127.1	2570.	2126.4	1470.	2124.8
0.340 D.S.	4880.	2137.3	3135.	2135.8	2550.	2135.2	1460.	2134.0
0.340 U.S.	4880.	2138.3	3135.	2137.1	2550.	2136.6	1460.	2134.9
0.400 D.S.	4855.	2140.8	3120.	2139.6	2535.	2139.2	1450.	2138.5
0.400 U.S.	4855.	2143.8	3120.	2142.2	2535.	2141.7	1450.	2141.0
0.570 D.S.	4780.	2162.6	3070.	2159.9	2500.	2159.1	1430.	2157.0
0.570 U.S.	4780.	2164.6	3070.	2162.4	2500.	2161.1	1430.	2158.6
0.820 D.S.	4670.	2186.4	3005.	2184.5	2440.	2183.7	1400.	2182.2
0.820 U.S.	4670.	2188.9	3005.	2186.9	2440.	2186.1	1400.	2184.4
1.130 D.S.	4530.	2222.8	2915.	2221.3	2370.	2220.9	1360.	2219.5
1.130 U.S.	4530.	2225.2	2915.	2223.3	2370.	2222.8	1360.	2221.2
1.410 D.S.	4375.	2264.8	2820.	2263.1	2290.	2261.9	1315.	2260.4
1.410 U.S.	4375.	2266.5	2820.	2264.8	2290.	2263.8	1315.	2262.6
1.520	4315.	2273.7	2780.	2272.3	2260.	2272.0	1300.	2270.3

* SAME RIVER MILE 3.54 ELEVATIONS @ THE MOUTH OF BIG CREEK.

BIG CREEK

Floor Profiles

BIG CREEK

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFBSX	DIFKWS	TCPWID	XLCH	
0.040	1495.	2097.7*	0.0	0.0	0.0	43.53	0.0	
0.040	2615.	2099.4*	1.6	0.0	0.0	48.77	0.0	
0.040	3220.	2100.1*	0.7	0.0	0.0	50.96	0.0	
0.040	5010.	2101.8*	1.7	0.0	0.0	86.15	0.0	
0.040	1495.	2098.6	0.0	0.8	0.0	37.20	60.00	
0.040	2615.	2100.1	1.5	0.8	0.0	38.00	60.00	
0.040	3220.	2100.8	0.7	0.7	0.0	38.00	60.00	
0.040	5010.	2103.3	2.4	1.4	0.0	161.12	60.00	
0.040	1495.	2098.6	0.0	0.0	0.0	37.20	13.00	
0.040	2615.	2100.2	1.6	0.0	0.0	38.00	13.00	
0.040	3220.	2101.9	1.7	1.1	0.0	38.00	13.00	
0.040	5010.	2105.8	3.9	2.5	0.0	173.44	13.00	
0.040	1495.	2099.1	0.0	0.5	0.0	47.93	15.00	
0.040	2615.	2101.2	2.0	1.0	0.0	70.87	15.00	
0.040	3220.	2102.9	1.7	1.0	0.0	159.04	15.00	
0.040	5010.	2106.2	3.4	0.4	0.0	175.55	15.00	
*	0.240	1470.	2120.9	0.0	21.8	0.0	41.40	1070.00
*	0.240	2570.	2122.4	1.6	21.3	0.0	46.44	1070.00
*	0.240	3165.	2123.2	0.7	20.3	0.0	48.79	1070.00
*	0.240	4925.	2125.2	2.0	18.9	0.0	75.09	1070.00
*	0.250	1470.	2124.8	0.0	3.9	0.0	41.44	50.00
*	0.250	2570.	2126.4	1.6	3.9	0.0	46.48	50.00
*	0.250	3160.	2127.1	0.7	3.9	0.0	48.77	50.00
*	0.250	4920.	2129.1*	2.0	3.9	0.0	74.91	50.00
0.340	1460.	2134.0	0.0	9.2	0.0	150.32	440.00	
0.340	2550.	2135.2	1.2	8.8	0.0	265.14	440.00	
0.340	3135.	2135.8	0.6	8.7	0.0	268.59	440.00	
0.340	4880.	2137.3	1.5	8.2	0.0	262.15	440.00	
0.340	1460.	2134.2	0.0	0.2	0.0	88.48	40.00	
0.340	2550.	2135.4	1.2	0.2	0.0	266.96	40.00	
0.340	3135.	2136.0	0.5	0.2	0.0	270.30	40.00	
0.340	4880.	2137.4	1.4	0.1	0.0	283.33	40.00	
0.340	1460.	2134.9	0.0	0.7	0.0	90.03	12.00	
0.340	2550.	2136.6	1.7	1.2	0.0	276.24	12.00	
*	0.340	3135.	2137.1	0.5	1.1	0.0	280.61	12.00
*	0.340	4880.	2138.3	1.2	0.9	0.0	291.21	12.00
*	0.340	1460.	2134.9	0.0	-0.1	0.0	175.72	10.00
0.340	2550.	2136.6	1.7	-0.0	0.0	266.56	10.00	
0.340	3135.	2137.1	0.5	-0.0	0.0	269.54	10.00	
0.340	4880.	2138.3	1.3	0.1	0.0	280.81	10.00	
0.400	1450.	2138.5	0.0	3.6	0.0	195.38	240.00	
0.400	2535.	2139.2	0.7	2.6	0.0	210.95	240.00	
0.400	3120.	2139.6	0.4	2.5	0.0	218.79	240.00	
0.400	4855.	2140.8	1.1	2.4	0.0	238.94	240.00	

	SECNC	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TCPWID	XLCH
*	0.400	1450.	2139.2	0.0	0.7	0.0	185.29	60.00
*C	0.400	2535.	2140.3	1.2	1.2	0.0	204.30	60.00
*	0.400	3120.	2140.8	0.5	1.2	0.0	212.32	60.00
*	0.400	4855.	2142.1	1.2	1.3	0.0	231.90	60.00
*	0.400	1450.	2140.4	0.0	1.2	0.0	148.20	1.00
*	0.400	2535.	2141.2	0.8	0.8	0.0	172.11	1.00
	0.400	3120.	2142.1	0.9	1.2	0.0	194.26	1.00
	0.400	4855.	2143.6	1.8	1.8	0.0	231.41	1.00
	0.400	1450.	2140.8	0.0	0.5	0.0	163.03	14.00
	0.400	2535.	2141.7	0.9	0.5	0.0	184.86	14.00
	0.400	3120.	2142.3	0.6	0.2	0.0	195.44	14.00
	0.400	4855.	2143.9	1.6	0.1	0.0	232.88	14.00
	0.400	1450.	2141.0	0.0	0.2	0.0	215.34	1.00
	0.400	2535.	2141.7	0.7	0.0	0.0	226.55	1.00
	0.400	3120.	2142.2	0.5	-0.0	0.0	234.53	1.00
	0.400	4855.	2143.8	1.6	-0.1	0.0	255.89	1.00
	0.400	1450.	2141.0	0.0	0.0	0.0	213.53	15.00
	0.400	2535.	2141.7	0.7	0.0	0.0	226.03	15.00
	0.400	3120.	2142.2	0.5	0.0	0.0	234.90	15.00
	0.400	4855.	2143.8	1.6	0.0	0.0	262.85	15.00
*	0.570	1430.	2157.0	0.0	16.0	0.0	31.72	820.00
*C	0.570	2500.	2159.1	2.0	17.3	0.0	45.95	820.00
*	0.570	3070.	2159.9	0.9	17.7	0.0	52.55	820.00
*	0.570	4780.	2162.6	2.7	18.8	0.0	201.92	820.00
	0.570	1430.	2159.1	0.0	2.1	0.0	33.00	60.00
	0.570	2500.	2161.4	2.3	2.3	0.0	135.96	60.00
	0.570	3070.	2162.4	1.0	2.5	0.0	174.56	60.00
	0.570	4780.	2164.5	2.1	1.8	0.0	209.05	60.00
	0.570	1430.	2159.1	0.0	0.0	0.0	33.00	1.00
	0.570	2500.	2161.4	2.3	0.0	0.0	127.42	1.00
	0.570	3070.	2162.5	1.1	0.1	0.0	171.88	1.00
	0.570	4780.	2164.7	2.2	0.2	0.0	188.44	1.00
	0.570	1430.	2159.1	0.0	0.0	0.0	33.00	13.00
	0.570	2500.	2161.4	2.3	0.1	0.0	134.11	13.00
	0.570	3070.	2162.6	1.2	0.1	0.0	172.79	13.00
	0.570	4780.	2164.8	2.2	0.1	0.0	193.83	13.00
	0.570	1430.	2159.1	0.0	0.0	0.0	33.00	1.00
	0.570	2500.	2161.5	2.3	0.0	0.0	143.34	1.00
	0.570	3070.	2162.6	1.1	-0.0	0.0	175.27	1.00
	0.570	4780.	2164.8	2.2	-0.1	0.0	217.40	1.00
	0.570	1430.	2158.6	0.0	-0.5	0.0	48.45	15.00
	0.570	2500.	2161.1	2.6	-0.3	0.0	137.42	15.00
C	0.570	3070.	2162.4	1.3	-0.2	0.0	201.25	15.00
	0.570	4780.	2164.6	2.2	-0.1	0.0	213.45	15.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TCPWIC	XLCH
* 0.820	1400.	2182.2'	0.0	23.6	0.0	45.08	1160.00
0.820	2440.	2183.7'	1.5	22.5	0.0	62.00	1160.00
* 0.820	3005.	2184.5'	0.9	22.1	0.0	61.73	1160.00
* 0.820	4670.	2186.4'	1.9	21.8	0.0	124.54	1160.00
0.820	1400.	2183.3	0.0	1.1	0.0	36.00	40.00
0.820	2440.	2185.2	1.9	1.5	0.0	93.70	40.00
0.820	3005.	2185.9	0.7	1.3	0.0	109.55	40.00
0.820	4670.	2187.5	1.6	1.1	0.0	139.71	40.00
0.820	1400.	2183.3	0.0	C.C	0.0	36.00	23.00
0.820	2440.	2186.6	3.3	1.4	0.0	128.69	23.00
0.820	3005.	2187.2	0.6	1.3	0.0	139.02	23.00
0.820	4670.	2188.2	0.9	0.6	0.0	141.13	23.00
* 0.820	1400.	2184.4'	0.0	1.1	0.0	43.70	10.00
* 0.820	2440.	2186.1'	1.7	-0.5	0.0	61.66	10.00
* 0.820	3005.	2186.9'	0.8	-0.3	0.0	81.15	10.00
* 0.820	4670.	2188.9'	1.9	C.7	0.0	125.91	10.00
1.130	1360.	2219.5	0.0	35.1	0.0	55.61	1605.00
1.130	2370.	2220.9'	1.4	34.8	0.0	63.80	1605.00
1.130	2915.	2221.3'	0.5	34.4	0.0	67.28	1605.00
* 1.130	4530.	2222.8'	1.5	34.0	0.0	84.07	1605.00
1.130	1360.	2220.3	0.0	C.8	0.0	59.89	60.00
1.130	2370.	2221.9	1.6	1.0	0.0	71.56	60.00
1.130	2915.	2222.6	0.7	1.3	0.0	76.81	60.00
1.130	4530.	2224.4	1.8	1.5	0.0	111.71	60.00
1.130	1360.	2221.1	0.0	C.8	0.0	65.62	12.00
1.130	2370.	2222.5	1.4	0.6	0.0	76.04	12.00
1.130	2915.	2222.9	0.4	0.3	0.0	85.99	12.00
1.130	4530.	2224.4	1.4	C.0	0.0	111.76	12.00
1.130	1360.	2221.2'	0.0	0.1	0.0	66.48	15.00
1.130	2370.	2222.8	1.5	0.2	0.0	61.66	15.00
1.130	2915.	2223.3'	0.5	0.4	0.0	92.41	15.00
1.130	4530.	2225.2'	1.9	C.8	0.0	133.69	15.00
* 1.410	1315.	2260.4	0.0	39.1	0.0	51.36	1425.00
* 1.410	2290.	2261.9	1.6	39.2	0.0	63.92	1425.00
* 1.410	2820.	2263.1	1.2	39.8	0.0	154.81	1425.00
* 1.410	4375.	2264.8	1.6	39.6	0.0	163.53	1425.00
1.410	1315.	2261.8	0.0	1.4	0.0	61.55	60.00
1.410	2290.	2263.7	1.9	1.7	0.0	158.97	60.00
1.410	2820.	2264.5	0.8	1.4	0.0	162.45	60.00
1.410	4375.	2265.8	1.3	1.1	0.0	189.09	60.00
1.410	1315.	2262.6	0.0	0.8	0.0	78.22	13.00
* 1.410	2290.	2263.7	1.1	0.0	0.0	158.99	13.00
* 1.410	2820.	2264.5	0.9	0.0	0.0	162.56	13.00
* 1.410	4375.	2265.8	1.3	-C.0	0.0	188.22	13.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
1.410	1315.	2262.6'	0.0	0.0	0.0	80.30	15.00
1.410	2290.	2263.8'	1.2	0.1	0.0	159.45	15.00
1.410	2820.	2264.8'	1.0	0.3	0.0	164.03	15.00
1.410	4375.	2266.5'	1.7	0.7	0.0	197.48	15.00
1.520	1300.	2270.3'	0.0	7.7	0.0	52.22	540.00
1.520	2260.	2272.0'	1.6	8.2	0.0	55.57	540.00
1.520	2780.	2272.3'	0.4	7.5	0.0	86.82	540.00
1.520	4315.	2273.7'	1.4	7.2	0.0	119.05	540.00

SUMMARY OF ERRORS

CAUTION	SECNO=	0.240	PROFILE=	1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	0.240	PROFILE=	2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	0.240	PROFILE=	3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	0.240	PROFILE=	3	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	0.240	PROFILE=	3	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	0.240	PROFILE=	4	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	0.240	PROFILE=	4	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	0.240	PROFILE=	4	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	0.250	PROFILE=	1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	0.250	PROFILE=	2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	0.250	PROFILE=	3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	0.250	PROFILE=	4	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	0.340	PROFILE=	3	HYDRAULIC JUMP D.S.
CAUTION	SECNO=	0.340	PROFILE=	4	HYDRAULIC JUMP D.S.
CAUTION	SECNO=	0.340	PROFILE=	1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	0.400	PROFILE=	1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	0.400	PROFILE=	1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	0.400	PROFILE=	1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	0.400	PROFILE=	2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	0.400	PROFILE=	2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	0.400	PROFILE=	2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	0.400	PROFILE=	3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	0.400	PROFILE=	3	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	0.400	PROFILE=	3	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	0.400	PROFILE=	4	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	0.400	PROFILE=	4	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	0.400	PROFILE=	4	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	0.400	PROFILE=	1	CRITICAL DEPTH ASSUMED

 FEC2 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/

BIG CREEK

SUMMARY PRINTCUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS
0.040	0.	0.0	0.0	2092.3	1495.0	2097.75	0.0
0.040	0.	0.0	0.0	2092.3	2615.0	2099.37	0.0
0.040	0.	0.0	0.0	2092.3	3220.0	2100.10	0.0
0.040	0.	0.0	0.0	2092.3	5010.0	2101.84	2101.56
0.040	60.	0.0	0.0	2092.3	1495.0	2098.60	0.0
0.040	60.	0.0	0.0	2092.3	2615.0	2100.13	0.0
0.040	60.	0.0	0.0	2092.3	3220.0	2100.82	0.0
0.040	60.	0.0	0.0	2092.3	5010.0	2103.27	2101.88
0.040	13.	2103.4	2101.3	2092.3	1495.0	2098.60	0.0
0.040	13.	2103.4	2101.3	2092.3	2615.0	2100.15	0.0
0.040	13.	2103.4	2101.3	2092.3	3220.0	2101.90	0.0
0.040	13.	2103.4	2101.3	2092.3	5010.0	2105.80	0.0
0.040	15.	0.0	0.0	2092.3	1495.0	2099.10	0.0
0.040	15.	0.0	0.0	2092.3	2615.0	2101.15	0.0
0.040	15.	0.0	0.0	2092.3	3220.0	2102.87	0.0
0.040	15.	0.0	0.0	2092.3	5010.0	2106.25	0.0
* 0.240	1070.	0.0	0.0	2116.1	1470.0	2120.86	2120.86
* 0.240	1070.	0.0	0.0	2116.1	2570.0	2122.44	2122.44
* 0.240	1070.	0.0	0.0	2116.1	3165.0	2123.18	2123.18
* 0.240	1070.	0.0	0.0	2116.1	4925.0	2125.17	2125.17
* 0.250	50.	0.0	0.0	2120.0	1470.0	2124.78	2124.78
* 0.250	50.	0.0	0.0	2120.0	2570.0	2126.36	2126.36
* 0.250	50.	0.0	0.0	2120.0	3160.0	2127.08	2127.08
* 0.250	50.	0.0	0.0	2120.0	4920.0	2129.06	2129.06
0.340	440.	0.0	0.0	2128.4	1460.0	2133.95	0.0
0.340	440.	0.0	0.0	2128.4	2550.0	2135.19	0.0
0.340	440.	0.0	0.0	2128.4	3135.0	2135.76	0.0
0.340	440.	0.0	0.0	2128.4	4880.0	2137.28	0.0
0.340	40.	0.0	0.0	2128.4	1460.0	2134.20	0.0
0.340	40.	0.0	0.0	2128.4	2550.0	2135.44	0.0
0.340	40.	0.0	0.0	2128.4	3135.0	2135.96	0.0
0.340	40.	0.0	0.0	2128.4	4880.0	2137.40	0.0

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CKSEL	CRHS
0.340	12.	2134.3	2134.2	2128.4	1460.0	2134.94	0.0
0.340	12.	2134.3	2134.2	2128.4	2550.0	2136.62	0.0
* 0.340	12.	2134.3	2134.2	2128.4	3135.0	2137.10	0.0
* 0.340	12.	2134.3	2134.2	2128.4	4880.0	2138.28	0.0
* 0.340	10.	0.0	0.0	2129.6	1460.0	2134.88	2134.88
0.340	10.	0.0	0.0	2129.6	2550.0	2136.57	0.0
0.340	10.	0.0	0.0	2129.6	3135.0	2137.08	0.0
0.340	10.	0.0	0.0	2129.6	4880.0	2138.34	0.0
0.400	240.	0.0	0.0	2133.0	1450.0	2138.46	0.0
0.400	240.	0.0	0.0	2133.0	2535.0	2139.18	0.0
0.400	240.	0.0	0.0	2133.0	3120.0	2139.63	0.0
0.400	240.	0.0	0.0	2133.0	4855.0	2140.76	0.0
* 0.400	60.	0.0	0.0	2133.0	1450.0	2139.17	2139.17
* 0.400	60.	0.0	0.0	2133.0	2535.0	2140.35	2140.35
* 0.400	60.	0.0	0.0	2133.0	3120.0	2140.84	2140.84
* 0.400	60.	0.0	0.0	2133.0	4855.0	2142.06	2142.06
* 0.400	1.	2144.1	2143.1	2133.0	1450.0	2140.37	2140.37
* 0.400	1.	2144.1	2143.1	2133.0	2535.0	2141.17	2141.17
0.400	1.	2144.1	2143.1	2133.0	3120.0	2142.06	2141.42
0.400	1.	2144.1	2143.1	2133.0	4855.0	2143.82	2142.29
0.400	14.	2144.1	2143.1	2133.0	1450.0	2140.82	0.0
0.400	14.	2144.1	2143.1	2133.0	2535.0	2141.68	0.0
0.400	14.	2144.1	2143.1	2133.0	3120.0	2142.26	0.0
0.400	14.	2144.1	2143.1	2133.0	4855.0	2143.91	0.0
0.400	1.	0.0	0.0	2133.0	1450.0	2141.03	0.0
0.400	1.	0.0	0.0	2133.0	2535.0	2141.72	0.0
0.400	1.	0.0	0.0	2133.0	3120.0	2142.22	0.0
0.400	1.	0.0	0.0	2133.0	4855.0	2143.79	0.0
0.400	15.	0.0	0.0	2134.7	1450.0	2141.03	0.0
0.400	15.	0.0	0.0	2134.7	2535.0	2141.74	0.0
0.400	15.	0.0	0.0	2134.7	3120.0	2142.24	0.0
0.400	15.	0.0	0.0	2134.7	4855.0	2143.82	0.0
* 0.570	820.	0.0	0.0	2151.0	1430.0	2157.03	2157.03
* 0.570	820.	0.0	0.0	2151.0	2500.0	2159.06	2159.06
* 0.570	820.	0.0	0.0	2151.0	3070.0	2159.92	2159.92
* 0.570	820.	0.0	0.0	2151.0	4780.0	2162.63	2162.63
0.570	60.	0.0	0.0	2148.3	1430.0	2159.09	0.0
0.570	60.	0.0	0.0	2148.3	2500.0	2161.38	0.0
0.570	60.	0.0	0.0	2148.3	3070.0	2162.39	0.0
0.570	60.	0.0	0.0	2148.3	4780.0	2164.48	0.0
0.570	1.	2163.1	2162.3	2148.3	1430.0	2159.09	0.0
0.570	1.	2163.1	2162.3	2148.3	2500.0	2161.38	0.0
0.570	1.	2163.1	2162.3	2148.3	3070.0	2162.48	0.0
0.570	1.	2163.1	2162.3	2148.3	4780.0	2164.73	0.0

	SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CHSEL	CRHS
	0.340	12.	2134.3	2134.2	2128.4	1460.0	2134.94	0.0
	0.340	12.	2134.3	2134.2	2128.4	2550.0	2136.62	0.0
*	0.340	12.	2134.3	2134.2	2128.4	3135.0	2137.10	0.0
*	0.340	12.	2134.3	2134.2	2128.4	4880.0	2138.28	0.0
*	0.340	10.	0.0	0.0	2129.6	1460.0	2134.88	2134.88
	0.340	10.	0.0	0.0	2129.6	2550.0	2136.57	0.0
	0.340	10.	0.0	0.0	2129.6	3135.0	2137.08	0.0
	0.340	10.	0.0	0.0	2129.6	4880.0	2138.34	0.0
	0.400	240.	0.0	0.0	2133.0	1450.0	2138.46	0.0
	0.400	240.	0.0	0.0	2133.0	2535.0	2139.18	0.0
	0.400	240.	0.0	0.0	2133.0	3120.0	2139.63	0.0
	0.400	240.	0.0	0.0	2133.0	4855.0	2140.76	0.0
*	0.400	60.	0.0	0.0	2133.0	1450.0	2139.17	2139.17
*	0.400	60.	0.0	0.0	2133.0	2535.0	2140.35	2140.35
*	0.400	60.	0.0	0.0	2133.0	3120.0	2140.84	2140.84
*	0.400	60.	0.0	0.0	2133.0	4855.0	2142.06	2142.06
*	0.400	1.	2144.1	2143.1	2133.0	1450.0	2140.37	2140.37
*	0.400	1.	2144.1	2143.1	2133.0	2535.0	2141.17	2141.17
	0.400	1.	2144.1	2143.1	2133.0	3120.0	2142.06	2141.42
	0.400	1.	2144.1	2143.1	2133.0	4855.0	2143.82	2142.29
	0.400	14.	2144.1	2143.1	2133.0	1450.0	2140.82	0.0
	0.400	14.	2144.1	2143.1	2133.0	2535.0	2141.68	0.0
	0.400	14.	2144.1	2143.1	2133.0	3120.0	2142.26	0.0
	0.400	14.	2144.1	2143.1	2133.0	4855.0	2143.91	0.0
	0.400	1.	0.0	0.0	2133.0	1450.0	2141.03	0.0
	0.400	1.	0.0	0.0	2133.0	2535.0	2141.72	0.0
	0.400	1.	0.0	0.0	2133.0	3120.0	2142.22	0.0
	0.400	1.	0.0	0.0	2133.0	4855.0	2143.75	0.0
	0.400	15.	0.0	0.0	2134.7	1450.0	2141.03	0.0
	0.400	15.	0.0	0.0	2134.7	2535.0	2141.74	0.0
	0.400	15.	0.0	0.0	2134.7	3120.0	2142.24	0.0
	0.400	15.	0.0	0.0	2134.7	4855.0	2143.82	0.0
*	0.570	820.	0.0	0.0	2151.0	1430.0	2157.03	2157.03
*	0.570	820.	0.0	0.0	2151.0	2500.0	2159.06	2159.06
*	0.570	820.	0.0	0.0	2151.0	3070.0	2159.92	2159.92
*	0.570	820.	0.0	0.0	2151.0	4780.0	2162.62	2162.63
	0.570	60.	0.0	0.0	2148.3	1430.0	2159.09	0.0
	0.570	60.	0.0	0.0	2148.3	2500.0	2161.38	0.0
	0.570	60.	0.0	0.0	2148.3	3070.0	2162.35	0.0
	0.570	60.	0.0	0.0	2148.3	4780.0	2164.48	0.0
	0.570	1.	2163.1	2162.3	2148.3	1430.0	2159.09	0.0
	0.570	1.	2163.1	2162.3	2148.3	2500.0	2161.38	0.0
	0.570	1.	2163.1	2162.3	2148.3	3070.0	2162.40	0.0
	0.570	1.	2163.1	2162.3	2148.3	4780.0	2164.73	0.0

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS
0.570	13.	2163.1	2162.3	2148.3	1430.0	2159.12	0.0
0.570	13.	2163.1	2162.3	2148.3	2500.0	2161.45	0.0
0.570	13.	2163.1	2162.3	2148.3	3070.0	2162.61	0.0
0.570	13.	2163.1	2162.3	2148.3	4780.0	2164.85	0.0
0.570	1.	0.0	0.0	2148.3	1430.0	2159.12	0.0
0.570	1.	0.0	0.0	2148.3	2500.0	2161.46	0.0
0.570	1.	0.0	0.0	2148.3	3070.0	2162.57	0.0
0.570	1.	0.0	0.0	2148.3	4780.0	2164.76	0.0
0.570	15.	0.0	0.0	2153.2	1430.0	2158.55	2158.26
0.570	15.	0.0	0.0	2153.2	2500.0	2161.15	2160.03
0.570	15.	0.0	0.0	2153.2	3070.0	2162.41	0.0
0.570	15.	0.0	0.0	2153.2	4780.0	2164.63	0.0
0.820	1160.	0.0	0.0	2176.6	1400.0	2182.21	2181.99
* 0.820	1160.	0.0	0.0	2176.6	2440.0	2183.69	2183.69
* 0.820	1160.	0.0	0.0	2176.6	3005.0	2184.54	2184.54
* 0.820	1160.	0.0	0.0	2176.6	4670.0	2186.40	2186.40
0.820	40.	0.0	0.0	2176.6	1400.0	2183.28	0.0
0.820	40.	0.0	0.0	2176.6	2440.0	2185.17	0.0
0.820	40.	0.0	0.0	2176.6	3005.0	2185.89	0.0
0.820	40.	0.0	0.0	2176.6	4670.0	2187.53	0.0
0.820	23.	2185.7	2184.3	2176.6	1400.0	2183.28	0.0
0.820	23.	2185.7	2184.3	2176.6	2440.0	2186.57	0.0
0.820	23.	2185.7	2184.3	2176.6	3005.0	2187.22	0.0
0.820	23.	2185.7	2184.3	2176.6	4670.0	2188.16	0.0
* 0.820	10.	0.0	0.0	2179.0	1400.0	2184.38	2184.38
* 0.820	10.	0.0	0.0	2179.0	2440.0	2186.08	2186.08
* 0.820	10.	0.0	0.0	2179.0	3005.0	2186.92	2186.92
* 0.820	10.	0.0	0.0	2179.0	4670.0	2188.85	2188.85
1.130	1605.	0.0	0.0	2214.2	1360.0	2219.50	0.0
1.130	1605.	0.0	0.0	2214.2	2370.0	2220.87	0.0
1.130	1605.	0.0	0.0	2214.2	2915.0	2221.34	2221.05
* 1.130	1605.	0.0	0.0	2214.2	4530.0	2222.85	2222.85
1.130	60.	0.0	0.0	2214.2	1360.0	2220.34	0.0
1.130	60.	0.0	0.0	2214.2	2370.0	2221.91	0.0
1.130	60.	0.0	0.0	2214.2	2915.0	2222.60	0.0
1.130	60.	0.0	0.0	2214.2	4530.0	2224.37	0.0
1.130	12.	2220.1	2219.0	2214.2	1360.0	2221.12	0.0
1.130	12.	2220.1	2219.0	2214.2	2370.0	2222.52	0.0
1.130	12.	2220.1	2219.0	2214.2	2915.0	2222.95	0.0
1.130	12.	2220.1	2219.0	2214.2	4530.0	2224.37	0.0
1.130	15.	0.0	0.0	2214.2	1360.0	2221.24	0.0
1.130	15.	0.0	0.0	2214.2	2370.0	2222.75	0.0
1.130	15.	0.0	0.0	2214.2	2915.0	2223.30	0.0
1.130	15.	0.0	0.0	2214.2	4530.0	2225.17	0.0

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS
* 1.410	1425.	0.0	0.0	2255.7	1315.0	2260.35	2260.35
* 1.410	1425.	0.0	0.0	2255.7	2290.0	2261.92	2261.92
* 1.410	1425.	0.0	0.0	2255.7	2820.0	2263.14	2263.14
* 1.410	1425.	0.0	0.0	2255.7	4375.0	2264.76	2264.76
1.410	60.	0.0	0.0	2255.7	1315.0	2261.79	0.0
1.410	60.	0.0	0.0	2255.7	2290.0	2263.66	0.0
1.410	60.	0.0	0.0	2255.7	2820.0	2264.50	0.0
1.410	60.	0.0	0.0	2255.7	4375.0	2265.82	0.0
1.410	13.	2259.7	2259.7	2255.7	1315.0	2262.60	0.0
* 1.410	13.	2259.7	2259.7	2255.7	2290.0	2263.67	0.0
* 1.410	13.	2259.7	2259.7	2255.7	2820.0	2264.52	0.0
1.410	13.	2259.7	2259.7	2255.7	4375.0	2265.80	0.0
1.410	15.	0.0	0.0	2256.7	1315.0	2262.62	0.0
1.410	15.	0.0	0.0	2256.7	2290.0	2263.78	0.0
1.410	15.	0.0	0.0	2256.7	2820.0	2264.81	0.0
1.410	15.	0.0	0.0	2256.7	4375.0	2266.53	0.0
1.520	540.	0.0	0.0	2266.0	1300.0	2270.32	2269.71
1.520	540.	0.0	0.0	2266.0	2260.0	2271.97	0.0
1.520	540.	0.0	0.0	2266.0	2780.0	2272.34	2271.54
1.520	540.	0.0	0.0	2266.0	4315.0	2273.71	2273.54

FLOODWAY DATA, BIG CREEK

PROFILE NO. 2

STATION	WIDTH (FT)	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION DIFFERENCE		
				WITH FLOODWAY	WITHOUT FLOODWAY	
0.040 D.S.*	50.	329.	9.8	2101.1	2100.1	1.0
0.040	50.	293.	11.0	2101.5	2100.8	0.7
0.040	50.	347.	9.3	2162.6	2101.9	1.0
0.040 U.S.*	50.	448.	7.2	2103.5	2102.9	0.6
0.240	50.	244.	13.0	2123.2	2123.2	0.0
0.250	50.	244.	13.0	2127.1	2127.1	0.0
0.340 D.S.*	100.	468.	6.7	2136.2	2135.8	0.4
0.340	100.	491.	6.4	2136.4	2136.0	0.4
0.340	100.	581.	5.4	2137.3	2137.1	0.2
0.340 U.S.*	100.	462.	6.8	2137.3	2137.1	0.2
0.400 D.S.*	170.	633.	4.9	2140.4	2139.6	0.8
0.400	170.	581.	5.4	2141.1	2140.0	0.3
0.400	170.	540.	5.8	2142.7	2142.1	0.6
0.400	170.	557.	5.6	2142.8	2142.3	0.5
0.433	170.	817.	3.8	2142.7	2142.2	0.5
0.400 U.S.*	170.	771.	4.0	2142.9	2142.2	0.7
0.570 D.S.*	60.	229.	13.4	2159.9	2159.9	0.0
0.570	60.	432.	7.1	2162.4	2162.4	0.0
0.570	60.	386.	8.0	2162.5	2162.5	0.0
0.570	60.	387.	7.9	2162.6	2162.6	0.0
0.579	60.	444.	6.9	2162.7	2162.6	0.1
0.570 U.S.*	60.	333.	9.2	2162.4	2162.4	0.0
0.820 D.S.*	100.	281.	10.7	2184.5	2184.5	0.0
0.820	100.	412.	7.3	2185.5	2185.9	0.8
0.820	100.	585.	5.1	2187.7	2187.2	0.5
0.820 U.S.*	100.	281.	10.7	2186.9	2186.9	0.0
1.130 D.S.*	50.	265.	11.0	2221.7	2221.3	0.4
1.130	50.	332.	8.8	2223.1	2222.6	0.5
1.130	50.	373.	7.8	2223.9	2222.9	1.0
1.130 U.S.*	50.	383.	7.6	2224.1	2223.3	0.8
1.410 D.S.*	50.	267.	10.6	2263.1	2263.1	0.0
1.410	50.	354.	8.0	2264.5	2264.5	0.0
1.410	50.	409.	6.9	2265.4	2264.5	0.9
1.410 U.S.*	50.	376.	7.5	2265.4	2264.8	0.6
1.520	60.	301.	9.2	2272.7	2272.3	0.4

* DOWNSTREAM AND UPSTREAM @ BRIDGES

FLOODWAY DATA, BIG CREEK

PROFILE NO. 2

STATION	FLOODWAY		MEAN VELOCITY	WATER SURFACE ELEVATION		
	WIDTH (FT)	SECTION AREA		WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
0.040 ^{D.S.} *	50.	329.	9.8	2101.1	2100.1	1.0
0.040	50.	293.	11.0	2101.5	2100.8	0.7
0.040	50.	347.	9.3	2102.5	2101.9	1.0
0.040 ^{U.S.} *	50.	448.	7.2	2103.5	2102.9	0.6
0.240	50.	244.	13.0	2123.2	2123.2	0.0
0.250	50.	244.	13.0	2127.1	2127.1	0.0
0.340 ^{D.S.} *	100.	468.	6.7	2136.2	2135.8	0.4
0.340	100.	491.	6.4	2136.4	2136.0	0.4
0.340	100.	581.	5.4	2137.3	2137.1	0.2
0.340 ^{U.S.} *	100.	462.	6.8	2137.3	2137.1	0.2
0.400 ^{D.S.} *	170.	633.	4.9	2140.4	2139.6	0.8
0.400	170.	581.	5.4	2141.1	2140.8	0.3
0.400	170.	540.	5.8	2142.7	2142.1	0.6
0.400	170.	557.	5.6	2142.8	2142.3	0.5
0.430	170.	817.	3.8	2142.7	2142.2	0.5
0.400 ^{U.S.} *	170.	771.	4.0	2142.5	2142.2	0.7
0.570 ^{D.S.} *	60.	229.	13.4	2159.5	2159.9	0.0
0.570	60.	432.	7.1	2162.4	2162.4	0.0
0.570	60.	386.	8.0	2162.5	2162.5	0.0
0.570	60.	387.	7.9	2162.6	2162.6	0.0
0.570	60.	444.	6.9	2162.7	2162.6	0.1
0.570 ^{U.S.} *	60.	333.	9.2	2162.4	2162.4	0.0
0.820 ^{D.S.} *	100.	281.	10.7	2184.5	2184.5	0.0
0.820	100.	412.	7.3	2185.5	2185.9	0.0
0.820	100.	585.	5.1	2187.7	2187.2	0.5
0.820 ^{U.S.} *	100.	281.	10.7	2186.9	2186.9	0.0
1.130 ^{D.S.} *	50.	265.	11.0	2221.7	2221.3	0.4
1.130	50.	332.	8.8	2223.1	2222.6	0.5
1.130	50.	373.	7.8	2223.9	2222.9	1.0
1.130 ^{U.S.} *	50.	383.	7.6	2224.1	2223.3	0.8
1.410 ^{D.S.} *	50.	267.	10.6	2263.1	2263.1	0.0
1.410	50.	354.	8.0	2264.5	2264.5	0.0
1.410	50.	409.	6.9	2265.4	2264.5	0.9
1.410 ^{U.S.} *	50.	376.	7.5	2265.4	2264.8	0.6
1.520	60.	301.	9.2	2272.7	2272.3	0.4

* DOWNSTREAM AND UPSTREAM @ BRIDGES

 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/

BIG CREEK

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	PERENC	STENCL	STENCR
0.040	2100.10	0.0	2102.24	51.	0.	0.	0
0.040	2101.10	1.00	2102.67	50.	50.	185.	235
0.040	2100.82	0.0	2103.06	38.	0.	0.	0
0.040	2101.47	0.65	2103.35	38.	50.	185.	235
0.040	2101.90	0.0	2103.58	38.	0.	0.	0
0.040	2102.89	0.99	2103.73	38.	50.	185.	235
0.040	2102.87	0.0	2103.75	159.	0.	0.	0
0.040	2103.48	0.60	2104.34	50.	50.	185.	235
* 0.240	2123.18	0.0	2125.85	45.	0.	0.	0
* 0.240	2123.17	-0.01	2125.85	48.	50.	185.	235
* 0.250	2127.08	0.0	2129.74	49.	0.	0.	0
* 0.250	2127.07	-0.00	2129.74	48.	50.	185.	235
0.340	2135.76	0.0	2136.53	269.	0.	0.	0
0.340	2136.20	0.44	2137.48	100.	100.	200.	300
0.340	2135.56	0.0	2136.87	270.	0.	0.	0
0.340	2136.44	0.47	2137.92	100.	100.	200.	300
* 0.340	2137.10	0.0	2137.56	281.	0.	0.	0
0.340	2137.33	0.23	2138.40	100.	100.	200.	300
0.340	2137.08	0.0	2137.66	270.	0.	0.	0
0.340	2137.34	0.26	2138.52	100.	100.	200.	300
0.400	2139.63	0.0	2140.75	219.	0.	0.	0
0.400	2140.40	0.78	2141.23	170.	170.	60.	230
* 0.400	2140.84	0.0	2142.52	212.	0.	0.	0
0.400	2141.07	0.22	2143.06	145.	170.	60.	230
0.400	2142.06	0.0	2142.64	194.	0.	0.	0
0.400	2142.68	0.62	2143.21	140.	170.	60.	230

SECNO	CWSEL	DIFKWS	EG	TOPWID	PERENC	STENCL	STENCR
0.400	2142.26	0.0	2142.74	199.	0.	0.	0
0.400	2142.81	0.55	2143.30	141.	170.	60.	230
0.400	2142.22	0.0	2142.79	235.	0.	0.	0
0.400	2142.69	0.47	2143.43	145.	170.	60.	230
0.400	2142.24	0.0	2142.90	235.	0.	0.	0
0.400	2142.92	0.68	2143.50	170.	170.	60.	230
* 0.570	2159.92	0.0	2162.64	53.	0.	0.	0
* 0.570	2159.76	-0.16	2162.74	41.	60.	70.	130
0.570	2162.39	0.0	2163.16	175.	0.	0.	0
0.570	2162.43	0.05	2163.30	48.	60.	70.	130
0.570	2162.48	0.0	2163.17	172.	0.	0.	0
0.570	2162.37	-0.12	2163.38	44.	60.	70.	130
0.570	2162.61	0.0	2163.26	173.	0.	0.	0
0.570	2162.48	-0.13	2163.49	45.	60.	70.	130
0.570	2162.57	0.0	2163.32	175.	0.	0.	0
0.570	2162.68	0.11	2163.51	48.	60.	70.	130
0.570	2162.41	0.0	2163.58	201.	0.	0.	0
0.570	2162.31	-0.10	2164.00	60.	60.	70.	130
* 0.820	2184.54	0.0	2186.94	82.	0.	0.	0
* 0.820	2184.53	-0.01	2186.93	79.	100.	100.	200
0.820	2185.89	0.0	2187.44	110.	0.	0.	0
0.820	2185.93	0.03	2187.44	100.	100.	100.	200
0.820	2187.22	0.0	2188.19	139.	0.	0.	0
0.820	2187.67	0.45	2188.50	100.	100.	100.	200
* 0.820	2186.92	0.0	2189.41	81.	0.	0.	0
* 0.820	2186.93	0.01	2189.40	80.	100.	100.	200
1.130	2221.34	0.0	2223.47	67.	0.	0.	0
1.130	2221.74	0.40	2224.20	46.	50.	75.	125
1.130	2222.60	0.0	2224.21	77.	0.	0.	0
1.130	2223.10	0.50	2224.93	50.	50.	75.	125
1.130	2222.95	0.0	2224.38	86.	0.	0.	0
1.130	2223.92	0.98	2225.41	50.	50.	75.	125
1.130	2223.30	0.0	2224.49	92.	0.	0.	0
1.130	2224.14	0.83	2225.50	50.	50.	75.	125
* 1.410	2263.14	0.0	2265.18	155.	0.	0.	0
* 1.410	2262.54	-0.59	2265.35	50.	50.	150.	200
1.410	2264.50	0.0	2265.72	162.	0.	0.	0
1.410	2264.28	-0.22	2266.10	50.	50.	150.	200

SECNO	CWSEL	DIFKWS	EG	TOPWID	PERENC	STENCL	STENCR
1.410	2264.52	0.0	2265.72	163.	0.	0.	0
1.410	2265.38	0.87	2266.76	50.	50.	150.	200
1.410	2264.81	0.0	2265.84	164.	0.	0.	0
1.410	2265.42	0.61	2266.92	50.	50.	150.	200
1.520	2272.34	0.0	2273.99	87.	0.	0.	0
1.520	2272.73	0.40	2274.17	59.	60.	100.	160

SUMMARY OF ERRORS

CAUTION SECNO= 0.240 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.240 PROFILE= 1

PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 0.240 PROFILE= 1

20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 0.240 PROFILE= 2 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.240 PROFILE= 2

PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 0.240 PROFILE= 2

20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 0.250 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.250 PROFILE= 2 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.340 PROFILE= 1 HYDRAULIC JUMP D.S.

CAUTION SECNO= 0.400 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.400 PROFILE= 1

PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 0.400 PROFILE= 1

20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 0.400 PROFILE= 2 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.400 PROFILE= 2

PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 0.400 PROFILE= 2

20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 0.570 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.570 PROFILE= 1

PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 0.570 PROFILE= 1

20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 0.570 PROFILE= 2 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.570 PROFILE= 2

PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 0.570 PROFILE= 2

20 TRIALS ATTEMPTED TO BALANCE WSEL

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= 1 CRITICAL DEPTH ASSUMED