

SHUCKS

CRUEK

JACKS CREEK

YANCEY CC NC FEMA STUDY

500 YR FLOOD

100 YR FLOOD

50 YR FLOOD

10 YR FLOOD

0	1	2	3	4	5	6	7	8	9
MILE	C	ELEV	Q	ELEV	Q	ELEV	C	ELEV	
2.860	9260.	2300.1	5855.	2298.1	4725.	2297.3	2665.	2295.5	
3.080	8815.	2313.1	5580.	2310.8	4505.	2309.9	2545.	2307.8	
3.080	8815.	2314.2	5580.	2312.0	4505.	2311.4	2545.	2309.9	
3.280	8410.	2319.5	5330.	2317.0	4305.	2315.9	2435.	2313.5	
3.280	8410.	2319.8	5330.	2317.8	4305.	2317.0	2435.	2315.0	
3.500	7965.	2324.7	5055.	2322.3	4085.	2321.3	2310.	2319.0	
3.700	7560.	2330.2	4805.	2328.1	3885.	2327.4	2200.	2325.7	
3.700	7560.	2332.4	4805.	2330.8	3885.	2329.9	2200.	2326.8	
3.730	7495.	2332.5	4770.	2330.8	3855.	2329.9	2185.	2326.9	
3.760	7435.	2333.1	4730.	2331.4	3825.	2330.6	2165.	2328.9	
3.760	7435.	2335.3	4730.	2333.8	3825.	2333.1	2165.	2331.2	
3.940	7155.	2338.9	4555.	2336.7	3685.	2335.8	2090.	2333.6	
3.940	7155.	2339.5	4555.	2337.7	3685.	2337.1	2090.	2335.6	
3.960	7155.	2339.8	4555.	2338.0	3685.	2337.3	2090.	2335.7	
4.000	7170.	2343.6	4500.	2340.7	3645.	2339.6	2065.	2337.3	
4.000	7170.	2347.0	4500.	2345.2	3645.	2344.3	2065.	2341.7	
4.250	6695.	2352.3	4270.	2349.8	3460.	2348.9	1965.	2346.8	
4.260	6695.	2352.9	4270.	2351.5	3460.	2350.9	1965.	2348.8	
4.260	6695.	2356.2	4270.	2354.9	3460.	2354.4	1965.	2352.9	
4.530	6330.	2365.5	4040.	2363.5	3275.	2362.7	1865.	2360.8	

JACKS CREEK

YANCEY CC NC FEMA STUDY

500 YR FLOOD

100 YR FLOOD

50 YR FLOOD

10 YR FLOOD

MILE	C	ELEV	Q	ELEV	Q	ELEV	C	ELEV
2.860	9260.	2300.1	5855.	2298.1	4725.	2297.3	2665.	2295.5
3.080	8815.	2313.1	5580.	2310.8	4505.	2309.9	2545.	2307.8
3.080	8815.	2314.2	5580.	2312.0	4505.	2311.4	2545.	2309.9
3.280	8410.	2319.5	5330.	2317.0	4305.	2315.9	2435.	2313.5
3.280	8410.	2319.8	5330.	2317.8	4305.	2317.0	2435.	2315.0
3.500	7965.	2324.7	5055.	2322.3	4085.	2321.3	2310.	2319.0
3.700	7560.	2330.2	4805.	2328.1	3885.	2327.4	2200.	2325.7
3.700	7560.	2332.4	4805.	2330.8	3885.	2329.9	2200.	2326.8
3.730	7495.	2332.5	4770.	2330.8	3855.	2329.9	2185.	2326.9
3.760	7435.	2333.1	4730.	2331.4	3825.	2330.6	2165.	2328.9
3.760	7435.	2335.3	4730.	2333.8	3825.	2333.1	2165.	2331.2
3.940	7155.	2338.9	4555.	2336.7	3685.	2335.8	2090.	2333.6
3.940	7155.	2339.5	4555.	2337.7	3685.	2337.1	2090.	2335.6
3.960	7155.	2339.8	4555.	2338.0	3685.	2337.3	2090.	2335.7
4.000	7070.	2343.6	4500.	2340.7	3645.	2339.6	2065.	2337.3
4.000	7070.	2347.0	4500.	2345.2	3645.	2344.3	2065.	2341.7
4.250	6695.	2352.3	4270.	2349.8	3460.	2348.9	1965.	2346.8
4.260	6695.	2352.9	4270.	2351.5	3460.	2350.9	1965.	2348.8
4.260	6695.	2356.2	4270.	2354.9	3460.	2354.4	1965.	2352.9
4.530	6330.	2365.5	4040.	2363.5	3275.	2362.7	1865.	2360.8

JACKS CREEK

SUMMARY PRINTOUT TABLE 150

SECNC	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TCPWIC	XLCH
2.860	2665.	2295.5	0.0	0.0	0.0	73.14	0.0
2.860	4725.	2297.3	1.8	0.0	0.0	87.82	0.0
2.860	5855.	2298.1	0.8	0.0	0.0	94.83	0.0
2.860	5261.	2300.1	2.0	0.0	0.0	111.50	0.0
3.080	2545.	2307.8	0.0	12.3	0.0	93.39	1210.00
3.080	4505.	2309.9	2.0	12.6	0.0	124.22	1210.00
3.080	5580.	2310.8	0.9	12.7	0.0	137.62	1210.00
3.080	8815.	2313.1	2.3	13.0	0.0	161.37	1210.00
3.080	2545.	2308.4	0.0	0.5	0.0	87.37	40.00
3.080	4505.	2310.7	2.3	0.9	0.0	137.15	40.00
3.080	5580.	2311.7	1.0	1.0	0.0	152.21	40.00
3.080	8815.	2314.1	2.4	1.0	0.0	163.28	40.00
3.080	2545.	2309.9	0.0	1.5	0.0	124.59	12.00
3.080	4505.	2311.3	1.5	0.6	0.0	146.53	12.00
3.080	5580.	2311.9	0.5	0.2	0.0	154.94	12.00
3.080	8815.	2314.1	2.2	0.0	0.0	163.32	12.00
3.080	2545.	2309.9	0.0	0.0	0.0	125.14	10.00
3.080	4505.	2311.4	1.5	0.1	0.0	147.38	10.00
3.080	5580.	2312.0	0.6	0.1	0.0	156.36	10.00
3.080	8815.	2314.2	2.3	0.1	0.0	163.58	10.00
3.280	2435.	2313.5	0.0	3.6	0.0	120.12	990.00
3.280	4305.	2315.9	2.4	4.5	0.0	131.71	990.00
3.280	5330.	2317.0	1.1	5.0	0.0	138.21	990.00
3.280	8410.	2319.5	2.5	5.2	0.0	157.64	990.00
3.280	2435.	2313.8	0.0	0.3	0.0	121.68	40.00
3.280	4305.	2316.1	2.3	0.2	0.0	132.89	40.00
3.280	5330.	2317.2	1.1	0.2	0.0	139.79	40.00
3.280	8410.	2319.7	2.5	0.2	0.0	159.37	40.00
3.280	2435.	2315.0	0.0	1.1	0.0	127.18	12.00
3.280	4305.	2317.0	2.0	0.8	0.0	137.92	12.00
3.280	5330.	2317.8	0.8	0.5	0.0	164.49	12.00
3.280	8410.	2319.8	2.1	0.1	0.0	200.30	12.00
3.280	2435.	2315.0	0.0	0.0	0.0	127.26	10.00
3.280	4305.	2317.0	2.0	0.0	0.0	137.89	10.00
3.280	5330.	2317.8	0.8	0.0	0.0	164.50	10.00
3.280	8410.	2319.8	2.1	-0.0	0.0	200.17	10.00
3.500	2310.	2319.0	0.0	4.1	0.0	115.99	1150.00
3.500	4085.	2321.3	2.2	4.3	0.0	126.77	1150.00
3.500	5055.	2322.3	1.0	4.5	0.0	131.57	1150.00
3.500	7965.	2324.7	2.4	4.8	0.0	188.30	1150.00
3.700	2200.	2325.7	0.0	6.7	0.0	193.01	1010.00
3.700	3885.	2327.4	1.6	6.1	0.0	259.19	1010.00
3.700	4805.	2328.1	0.8	5.8	0.0	282.98	1010.00
3.700	7560.	2330.2	2.1	5.5	0.0	295.95	1010.00

SECNC	G	CWSEL	DIFWSP	DIFWSX	DIFKWS	TGPWID	XLCH
3.700	2200.	2326.1	0.0	0.4	0.0	48.00	100.00
3.700	3885.	2327.9	1.9	0.6	0.0	258.40	100.00
3.700	4805.	2328.7	0.7	0.6	0.0	262.14	100.00
3.700	7560.	2330.7	2.0	0.5	0.0	300.39	100.00
3.700	2200.	2326.2	0.0	0.1	0.0	48.00	21.00
3.700	3885.	2329.8	3.6	1.8	0.0	265.59	21.00
3.700	4805.	2330.6	0.8	1.9	0.0	259.26	21.00
3.700	7560.	2332.2	1.6	1.5	0.0	352.52	21.00
3.700	2200.	2326.8	0.0	0.6	0.0	239.37	25.00
3.700	3885.	2329.9	3.2	0.2	0.0	294.32	25.00
3.700	4805.	2330.8	0.8	0.1	0.0	300.96	25.00
3.700	7560.	2332.4	1.7	0.2	0.0	354.72	25.00
3.730	2185.	2326.9	0.0	0.1	0.0	113.03	85.00
3.730	3855.	2329.9	3.1	0.0	0.0	252.14	85.00
3.730	4770.	2330.8	0.8	0.0	0.0	281.31	85.00
3.730	7495.	2332.5	1.7	0.0	0.0	292.66	85.00
3.760	2165.	2328.9	0.0	2.0	0.0	102.74	85.00
3.760	3825.	2330.6	1.7	0.7	0.0	110.77	85.00
3.760	4730.	2331.4	0.8	0.6	0.0	119.41	85.00
3.760	7435.	2333.1	1.7	0.6	0.0	161.85	85.00
3.760	2165.	2329.6	0.0	0.7	0.0	100.85	60.00
3.760	3825.	2331.5	1.9	0.9	0.0	123.43	60.00
3.760	4730.	2332.4	0.9	1.0	0.0	153.96	60.00
3.760	7435.	2334.4	2.0	1.3	0.0	175.61	60.00
3.760	2165.	2331.1	0.0	1.5	0.0	104.04	16.00
3.760	3825.	2333.0	1.9	1.5	0.0	161.47	16.00
3.760	4730.	2333.7	0.7	1.3	0.0	169.21	16.00
* 3.760	7435.	2335.2	1.5	0.8	0.0	179.48	16.00
3.760	2165.	2331.2	0.0	0.1	0.0	113.38	15.00
3.760	3825.	2333.1	1.9	0.1	0.0	162.14	15.00
3.760	4730.	2333.8	0.7	0.1	0.0	169.95	15.00
3.760	7435.	2335.3	1.6	0.1	0.0	179.90	15.00
3.940	2090.	2333.6	0.0	2.4	0.0	120.81	910.00
3.940	3685.	2335.8	2.2	2.7	0.0	140.11	910.00
3.940	4555.	2336.7	0.9	2.9	0.0	175.30	910.00
3.940	7155.	2338.9	2.2	3.5	0.0	193.67	910.00
3.940	2090.	2333.9	0.0	0.3	0.0	124.53	60.00
3.940	3685.	2336.0	2.1	0.2	0.0	143.94	60.00
3.940	4555.	2336.9	0.9	0.2	0.0	162.88	60.00
3.940	7155.	2339.1	2.2	0.2	0.0	194.98	60.00
3.940	2090.	2335.6	0.0	1.7	0.0	138.54	13.00
* 3.940	3685.	2337.1	1.6	1.1	0.0	183.96	13.00
* 3.940	4555.	2337.8	0.6	0.8	0.0	187.57	13.00
* 3.940	7155.	2339.6	1.8	0.5	0.0	197.73	13.00

SECNO	Q	CASEL	DIFWSP	DIFWSX	DIFKWS	TCPWID	XLCH
3.940	2091.	2335.6	0.0	-0.0	0.0	138.49	15.00
3.940	3685.	2337.1	1.5	-0.0	0.0	183.83	15.00
3.940	4555.	2337.7	0.6	-0.0	0.0	187.36	15.00
3.940	7155.	2339.5	1.8	-0.1	0.0	197.32	15.00
3.960	2090.	2335.7	0.0	0.2	0.0	139.57	100.00
3.960	3685.	2337.3	1.6	0.2	0.0	185.11	100.00
3.960	4555.	2338.0	0.7	0.3	0.0	188.84	100.00
3.960	7155.	2339.8	1.8	0.3	0.0	199.07	100.00
* 4.000	2065.	2337.3	0.0	1.6	0.0	38.08	180.00
* 4.000	3645.	2339.6	2.2	2.2	0.0	53.15	180.00
* 4.000	4500.	2340.7	1.1	2.7	0.0	66.52	180.00
* 4.000	7070.	2343.6	2.9	3.7	0.0	116.68	180.00
4.000	2065.	2339.3	0.0	2.0	0.0	51.15	40.00
4.000	3645.	2341.9	2.6	2.3	0.0	104.06	40.00
4.000	4500.	2343.2	1.3	2.5	0.0	113.60	40.00
4.000	7070.	2345.7	2.5	2.1	0.0	131.41	40.00
4.000	2065.	2341.7	0.0	2.4	0.0	102.81	15.00
* 4.000	3645.	2344.3	2.6	2.4	0.0	121.84	15.00
* 4.000	4500.	2345.2	0.9	2.1	0.0	128.73	15.00
* 4.000	7070.	2347.0	1.8	1.4	0.0	136.74	15.00
4.000	2065.	2341.7	0.0	-0.0	0.0	102.76	10.00
4.000	3645.	2344.3	2.6	0.0	0.0	121.77	10.00
4.000	4500.	2345.2	1.0	0.0	0.0	128.77	10.00
4.000	7070.	2347.0	1.8	0.0	0.0	136.76	10.00
* 4.250	1965.	2346.8	0.0	5.1	0.0	52.08	1265.00
4.250	3460.	2348.9	2.1	4.6	0.0	146.45	1265.00
4.250	4270.	2349.8	1.0	4.6	0.0	151.04	1265.00
4.250	6695.	2352.3	2.5	5.3	0.0	163.10	1265.00
* 4.260	1965.	2348.8	0.0	2.0	0.0	33.59	60.00
* 4.260	3460.	2350.9	2.1	2.1	0.0	145.31	60.00
* 4.260	4270.	2351.5	0.6	1.7	0.0	148.18	60.00
* 4.260	6695.	2352.9	1.4	0.6	0.0	154.72	60.00
4.260	1965.	2352.9	0.0	4.1	0.0	154.86	17.00
4.260	3460.	2354.3	1.4	3.4	0.0	161.66	17.00
4.260	4270.	2354.9	0.6	3.4	0.0	164.40	17.00
4.260	6695.	2356.2	1.3	3.3	0.0	170.55	17.00
4.260	1965.	2352.9	0.0	0.0	0.0	154.91	15.00
4.260	3460.	2354.4	1.4	0.0	0.0	161.74	15.00
4.260	4270.	2354.9	0.6	0.0	0.0	164.48	15.00
4.260	6695.	2356.2	1.3	0.0	0.0	170.69	15.00
* 4.530	1865.	2360.8	0.0	7.9	0.0	44.70	1450.00
* 4.530	3275.	2362.7	1.8	8.3	0.0	52.47	1450.00
* 4.530	4040.	2363.5	0.8	8.5	0.0	57.38	1450.00
* 4.530	6330.	2365.5	2.1	9.3	0.0	70.38	1450.00

SUMMARY OF ERRORS

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 HEC2 RELEASE CATEG NCV 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/

JACKS CREEK

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	C	CHSEL	CRINS
2.861	0.	0.0	0.0	2289.2	2665.0	2295.50	0.0
2.861	0.	0.0	0.0	2289.2	4725.0	2297.26	0.0
2.861	0.	0.0	0.0	2289.2	5855.0	2258.10	0.0
2.861	0.	0.0	0.0	2289.2	9260.0	2300.10	0.0
3.081	1210.	0.0	0.0	2300.1	2545.0	2307.83	0.0
3.081	1210.	0.0	0.0	2300.1	4505.0	2309.86	0.0
3.081	1210.	0.0	0.0	2300.1	5580.0	2310.75	0.0
3.081	1210.	0.0	0.0	2300.1	8815.0	2313.08	0.0
*3.081	40.	0.0	0.0	2300.1	2545.0	2308.38	0.0
3.081	40.	0.0	0.0	2300.1	4505.0	2310.72	0.0
3.081	40.	0.0	0.0	2300.1	5580.0	2311.71	0.0
3.080	40.	0.0	0.0	2300.1	8815.0	2314.10	0.0
3.081	12.	2306.3	2306.2	2300.1	2545.0	2309.88	0.0
3.081	12.	2306.3	2306.2	2300.1	4505.0	2311.33	0.0
3.081	12.	2306.3	2306.2	2300.1	5580.0	2311.88	0.0
3.080	12.	2306.3	2306.2	2300.1	8815.0	2314.10	0.0
3.081	10.	0.0	0.0	2300.1	2545.0	2309.92	0.0
3.081	10.	0.0	0.0	2300.1	4505.0	2311.40	0.0
3.081	10.	0.0	0.0	2300.1	5580.0	2311.98	0.0
3.081	10.	0.0	0.0	2300.1	8815.0	2314.24	0.0
3.281	990.	0.0	0.0	2305.4	2435.0	2313.48	0.0
3.281	990.	0.0	0.0	2305.4	4305.0	2315.50	0.0
3.281	990.	0.0	0.0	2305.4	5330.0	2317.02	0.0
3.281	990.	0.0	0.0	2305.4	8410.0	2319.49	0.0
3.281	40.	0.0	0.0	2305.4	2435.0	2313.81	0.0
3.281	40.	0.0	0.0	2305.4	4305.0	2316.15	0.0
3.281	40.	0.0	0.0	2305.4	5330.0	2317.24	0.0
3.281	40.	0.0	0.0	2305.4	8410.0	2319.71	0.0
*3.280	12.	2313.1	2313.0	2305.4	2435.0	2314.95	0.0
3.281	12.	2313.1	2313.0	2305.4	4305.0	2316.97	0.0
3.281	12.	2313.1	2313.0	2305.4	5330.0	2317.76	0.0
3.280	12.	2313.1	2313.0	2305.4	8410.0	2319.83	0.0

SECNO	XLCH	ELTRC	ELLC	ELMIN	Q	CWSEL	CRW:
3.280	10.	0.0	0.0	2305.4	2425.0	2314.96	0.0
3.281	10.	0.0	0.0	2305.4	4305.0	2316.97	0.0
3.282	10.	0.0	0.0	2305.4	5330.0	2317.76	0.0
3.283	10.	0.0	0.0	2305.4	8410.0	2319.82	0.0
3.501	1150.	0.0	0.0	2311.8	2310.0	2319.02	0.0
3.502	1150.	0.0	0.0	2311.8	4085.0	2321.26	0.0
3.503	1150.	0.0	0.0	2311.8	5055.0	2322.27	0.0
3.504	1150.	0.0	0.0	2311.8	7965.0	2324.66	0.0
3.700	1010.	0.0	0.0	2317.7	2200.0	2325.73	0.0
3.701	1010.	0.0	0.0	2317.7	3885.0	2327.35	0.0
3.702	1010.	0.0	0.0	2317.7	4805.0	2328.12	0.0
3.703	1010.	0.0	0.0	2317.7	7560.0	2330.20	0.0
3.704	100.	0.0	0.0	2317.7	2200.0	2326.09	0.0
3.705	100.	0.0	0.0	2317.7	3885.0	2327.95	0.0
3.706	100.	0.0	0.0	2317.7	4805.0	2328.68	0.0
3.707	100.	0.0	0.0	2317.7	7560.0	2330.71	0.0
3.708	21.	2328.9	2328.0	2317.7	2200.0	2326.16	0.0
3.709	21.	2328.9	2328.0	2317.7	3885.0	2329.79	0.0
3.710	21.	2328.9	2328.0	2317.7	4805.0	2330.62	0.0
3.711	21.	2328.9	2328.0	2317.7	7560.0	2332.23	0.0
3.712	25.	0.0	0.0	2317.7	2200.0	2326.78	0.0
3.713	25.	0.0	0.0	2317.7	3885.0	2329.94	0.0
3.714	25.	0.0	0.0	2317.7	4805.0	2330.76	0.0
3.715	25.	0.0	0.0	2317.7	7560.0	2332.45	0.0
3.730	85.	0.0	0.0	2320.5	2185.0	2326.88	2326.8
3.731	85.	0.0	0.0	2320.5	3855.0	2329.95	0.0
3.732	85.	0.0	0.0	2320.5	4770.0	2330.77	0.0
3.733	85.	0.0	0.0	2320.5	7495.0	2332.47	0.0
3.760	85.	0.0	0.0	2321.3	2165.0	2328.85	0.0
3.761	85.	0.0	0.0	2321.3	3825.0	2330.63	0.0
3.762	85.	0.0	0.0	2321.3	4730.0	2331.40	0.0
3.763	85.	0.0	0.0	2321.3	7435.0	2333.08	0.0
3.764	60.	0.0	0.0	2321.3	2165.0	2329.64	0.0
3.765	60.	0.0	0.0	2321.3	3825.0	2331.53	0.0
3.766	60.	0.0	0.0	2321.3	4730.0	2332.38	0.0
3.767	60.	0.0	0.0	2321.3	7435.0	2334.39	0.0
3.768	16.	2328.9	2328.6	2321.3	2165.0	2331.14	0.0
3.769	16.	2328.9	2328.6	2321.3	3825.0	2333.04	0.0
3.770	16.	2328.9	2328.6	2321.3	4730.0	2333.71	0.0
* 3.771	16.	2328.9	2328.6	2321.3	7435.0	2335.24	0.0
3.760	15.	0.0	0.0	2321.3	2165.0	2331.19	0.0
3.761	15.	0.0	0.0	2321.3	3825.0	2333.10	0.0
3.762	15.	0.0	0.0	2321.3	4730.0	2333.78	0.0
3.763	15.	0.0	0.0	2321.3	7435.0	2335.34	0.0



SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CLSEL	CRIM
3.941	910.	0.0	0.0	2323.8	2090.0	2333.62	0.0
3.940	910.	0.0	0.0	2323.8	3685.0	2335.79	0.0
3.941	910.	0.0	0.0	2323.8	4555.0	2336.69	0.0
3.940	910.	0.0	0.0	2323.8	7155.0	2338.87	0.0
3.941	60.	0.0	0.0	2323.8	2090.0	2333.88	0.0
3.940	60.	0.0	0.0	2323.8	3685.0	2336.03	0.0
3.941	60.	0.0	0.0	2323.8	4555.0	2336.93	0.0
3.940	60.	0.0	0.0	2323.8	7155.0	2339.11	0.0
3.940	13.	2333.5	2332.8	2323.8	2090.0	2335.56	0.0
* 3.941	13.	2333.5	2332.8	2323.8	3685.0	2337.12	0.0
* 3.940	13.	2333.5	2332.8	2323.8	4555.0	2337.77	0.0
* 3.940	13.	2333.5	2332.8	2323.8	7155.0	2339.59	0.0
3.940	15.	0.0	0.0	2325.7	2090.0	2335.55	0.0
3.940	15.	0.0	0.0	2325.7	3685.0	2337.10	0.0
3.941	15.	0.0	0.0	2325.7	4555.0	2337.74	0.0
3.940	15.	0.0	0.0	2325.7	7155.0	2339.52	0.0
3.960	100.	0.0	0.0	2325.7	2090.0	2335.71	0.0
3.960	100.	0.0	0.0	2325.7	3685.0	2337.33	0.0
3.960	100.	0.0	0.0	2325.7	4555.0	2338.00	0.0
3.960	100.	0.0	0.0	2325.7	7155.0	2339.84	0.0
* 4.000	180.	0.0	0.0	2329.3	2065.0	2337.33	2337.3
* 4.000	180.	0.0	0.0	2329.3	3645.0	2339.56	2339.5
4.000	180.	0.0	0.0	2329.3	4500.0	2340.66	2340.6
4.000	180.	0.0	0.0	2329.3	7070.0	2342.59	2342.5
4.000	40.	0.0	0.0	2329.3	2065.0	2339.31	0.0
4.000	40.	0.0	0.0	2329.3	3645.0	2341.88	0.0
4.000	40.	0.0	0.0	2329.3	4500.0	2343.17	0.0
4.000	40.	0.0	0.0	2329.3	7070.0	2345.67	0.0
4.000	15.	2340.5	2340.7	2329.3	2065.0	2341.70	0.0
* 4.000	15.	2340.5	2340.7	2329.3	3645.0	2344.28	0.0
* 4.000	15.	2340.5	2340.7	2329.3	4500.0	2345.23	0.0
* 4.000	15.	2340.5	2340.7	2329.3	7070.0	2347.03	0.0
4.000	10.	0.0	0.0	2331.2	2065.0	2341.65	0.0
4.000	10.	0.0	0.0	2331.2	3645.0	2344.28	0.0
4.000	10.	0.0	0.0	2331.2	4500.0	2345.23	0.0
4.000	10.	0.0	0.0	2331.2	7070.0	2347.04	0.0
* 4.250	1265.	0.0	0.0	2340.0	1965.0	2346.76	2346.7
4.250	1265.	0.0	0.0	2340.0	3460.0	2348.88	0.0
4.250	1265.	0.0	0.0	2340.0	4270.0	2349.83	0.0
4.250	1265.	0.0	0.0	2340.0	6695.0	2352.34	0.0
* 4.260	60.	0.0	0.0	2342.3	1965.0	2348.80	2348.8
* 4.260	60.	0.0	0.0	2342.3	3460.0	2350.94	2350.9
* 4.260	60.	0.0	0.0	2342.3	4270.0	2351.54	2351.5
4.260	60.	0.0	0.0	2342.3	6695.0	2352.90	2352.9

SEONO	XLCH	ELTRD	ELLC	ELMIN	Q	ChSEL	CRIM
4.260	17.	2349.9	2348.0	2342.3	1965.0	2352.93	0.0
4.260	17.	2349.9	2348.0	2342.3	3460.0	2354.34	0.0
4.260	17.	2349.9	2348.0	2342.3	4270.0	2354.91	0.0
4.260	17.	2349.9	2348.0	2342.3	6695.0	2356.20	0.0
4.260	15.	0.0	0.0	2342.3	1965.0	2352.94	0.0
4.260	15.	0.0	0.0	2342.3	3460.0	2354.36	0.0
4.260	15.	0.0	0.0	2342.3	4270.0	2354.93	0.0
4.260	15.	0.0	0.0	2342.3	6695.0	2356.22	0.0
* 4.530	1450.	0.0	0.0	2355.0	1865.0	2360.84	2360.8
* 4.530	1450.	0.0	0.0	2355.0	3275.0	2362.66	2362.6
* 4.530	1450.	0.0	0.0	2355.0	4040.0	2363.45	2363.4
* 4.52	1450.	0.0	0.0	2355.0	6330.0	2365.54	2365.5

FLOODWAY DATA, JACKS CREEK  
 PROFILE NO. 2

STATION	FLOODWAY		MEAN VELOCITY	WATER SURFACE ELEVATION		DIFFERENCE
	WIDTH (FT)	SECTION AREA		WITH FLOODWAY	WITHOUT FLOODWAY	
2.860	70.	557.	10.5	2299.1	2298.1	1.0
3.080 <sup>D.S.</sup>	90.	550.	10.1	2310.8	2310.8	0.0
3.090	90.	648.	8.6	2311.7	2311.7	0.0
3.080	90.	750.	7.4	2312.0	2311.9	0.9
3.080 <sup>U.S.</sup>	90.	754.	7.4	2312.8	2312.0	0.8
3.280 <sup>D.S.</sup>	90.	720.	7.4	2317.3	2317.0	0.3
3.280	90.	742.	7.2	2317.5	2317.2	0.3
3.280	90.	852.	6.3	2318.0	2317.0	1.0
3.280 <sup>U.S.</sup>	90.	852.	6.3	2318.8	2317.8	1.0
3.500	90.	642.	7.9	2322.0	2322.3	0.5
3.700 <sup>D.S.</sup>	120.	767.	6.3	2328.5	2328.1	0.4
3.700	120.	812.	5.9	2329.1	2328.7	0.4
3.700	120.	1125.	4.3	2331.5	2330.6	0.9
3.700 <sup>U.S.</sup>	120.	1145.	4.2	2331.6	2330.8	0.8
3.730	120.	819.	5.8	2331.7	2330.8	0.9
3.760 <sup>D.S.</sup>	100.	651.	7.3	2332.3	2331.4	0.9
3.760	100.	713.	6.6	2332.9	2332.4	0.5
3.760	100.	880.	5.4	2334.6	2333.7	0.9
3.760 <sup>U.S.</sup>	100.	886.	5.3	2334.6	2333.8	0.8
3.940 <sup>D.S.</sup>	100.	776.	5.9	2337.3	2336.7	0.6
3.940	100.	797.	5.7	2337.5	2336.9	0.6
3.940	100.	922.	4.9	2338.7	2337.8	0.9
3.940 <sup>U.S.</sup>	100.	900.	5.1	2338.7	2337.7	1.0
3.960	100.	924.	4.9	2338.9	2338.0	0.9
4.000 <sup>D.S.</sup>	80.	334.	13.5	2340.7	2340.7	0.0
4.000	80.	507.	8.9	2343.2	2343.2	0.0
4.000	80.	726.	6.2	2345.7	2345.2	0.5
4.000 <sup>U.S.</sup>	80.	709.	6.3	2345.7	2345.2	0.5
4.250	80.	518.	6.4	2350.3	2349.8	0.5
4.260 <sup>D.S.</sup>	80.	407.	10.5	2351.5	2351.5	0.0
4.260	80.	750.	5.7	2355.5	2354.9	0.6
4.260 <sup>U.S.</sup>	80.	753.	5.7	2355.6	2354.9	0.7
4.530	55.	298.	13.5	2363.5	2363.5	0.0

\* DOWNSTREAM AND UPSTREAM @ BRIDGES

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 EC2 RELEASE CATED NCV 76 UPDATED JULY 1979  
 ERROR CCR - 01,02,03  
 MODIFICATION - 50,51,52,53,54  
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NCTE- ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER  
 INDICATES MESSAGE IN SUMMARY OF ERRORS LIST/

JACKS CREEK

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	PERENC	STENCL	STENCR
2.860	2298.10	0.0	2300.26	95.	0.	0.	0.
2.860	2299.10	1.00	2300.81	70.	70.	165.	235.
3.080	2310.75	0.0	2313.02	138.	0.	0.	0.
3.080	2310.54	-0.22	2313.17	90.	90.	165.	255.
3.080	2311.71	0.0	2313.37	152.	0.	0.	0.
3.080	2311.64	-0.07	2313.57	90.	90.	165.	255.
* 3.080	2311.88	0.0	2313.44	155.	0.	0.	0.
3.080	2312.75	0.87	2314.21	90.	90.	165.	255.
3.080	2311.98	0.0	2313.50	156.	0.	0.	0.
3.080	2312.81	0.82	2314.26	90.	90.	165.	255.
3.280	2317.02	0.0	2318.05	138.	0.	0.	0.
3.280	2317.29	0.28	2318.58	90.	90.	195.	285.
3.280	2317.24	0.0	2318.20	140.	0.	0.	0.
3.280	2317.54	0.30	2318.76	90.	90.	195.	285.
3.280	2317.76	0.0	2318.58	184.	0.	0.	0.
3.280	2318.76	0.99	2319.69	90.	90.	195.	285.
3.280	2317.76	0.0	2318.64	184.	0.	0.	0.
3.280	2318.76	1.00	2319.74	90.	90.	195.	285.
3.500	2322.27	0.0	2323.70	132.	0.	0.	0.
3.500	2322.83	0.56	2324.33	90.	90.	195.	285.
3.700	2328.12	0.0	2329.01	283.	0.	0.	0.
3.700	2328.48	0.37	2329.63	120.	120.	300.	420.
3.700	2328.68	0.0	2329.41	262.	0.	0.	0.
* 3.700	2329.09	0.41	2330.07	115.	120.	300.	420.
3.700	2330.62	0.0	2330.93	299.	0.	0.	0.
3.700	2331.48	0.86	2332.02	120.	120.	300.	420.

SECNC	CWSEL	DIFKWS	EG	TOPWID	PERENC	STENCL	STENCR
3.700	2330.76	0.0	2330.97	301.	0.	0.	0.
3.700	2331.64	0.88	2332.06	120.	120.	300.	420.
3.730	2330.77	0.0	2331.77	281.	0.	0.	0.
3.730	2331.72	0.95	2332.77	120.	120.	300.	420.
3.760	2331.40	0.0	2332.93	119.	0.	0.	0.
3.760	2332.28	0.88	2333.44	100.	100.	175.	275.
3.760	2332.38	0.0	2333.46	154.	0.	0.	0.
3.760	2332.91	0.53	2333.86	100.	100.	175.	275.
3.760	2333.71	0.0	2334.40	169.	0.	0.	0.
3.760	2334.57	0.86	2335.19	100.	100.	175.	275.
3.760	2333.78	0.0	2334.45	170.	0.	0.	0.
3.760	2334.63	0.85	2335.24	100.	100.	175.	275.
3.940	2336.69	0.0	2337.44	175.	0.	0.	0.
3.940	2337.28	0.60	2338.09	100.	100.	170.	270.
3.940	2336.93	0.0	2337.62	183.	0.	0.	0.
3.940	2337.49	0.56	2338.26	100.	100.	170.	270.
* 3.940	2337.77	0.0	2338.28	189.	0.	0.	0.
* 3.940	2338.74	0.97	2339.31	100.	100.	170.	270.
3.940	2337.74	0.0	2338.38	187.	0.	0.	0.
3.940	2338.71	0.97	2339.40	100.	100.	170.	270.
3.960	2338.00	0.0	2338.68	189.	0.	0.	0.
3.960	2338.94	0.94	2339.67	100.	100.	170.	270.
* 4.000	2340.66	0.0	2344.07	67.	0.	0.	0.
* 4.000	2340.70	0.04	2344.07	62.	80.	130.	210.
4.000	2343.17	0.0	2344.75	114.	0.	0.	0.
4.000	2343.00	-0.17	2344.76	80.	80.	130.	210.
* 4.000	2345.23	0.0	2346.11	129.	0.	0.	0.
* 4.000	2345.74	0.51	2346.67	80.	80.	130.	210.
4.000	2345.23	0.0	2346.16	129.	0.	0.	0.
4.000	2345.73	0.50	2346.73	80.	80.	130.	210.
4.250	2345.83	0.0	2351.04	151.	0.	0.	0.
4.250	2350.26	0.43	2351.79	80.	80.	200.	280.
* 4.260	2351.54	0.0	2353.46	148.	0.	0.	0.
* 4.260	2351.27	-0.26	2353.96	80.	80.	200.	280.
4.260	2354.91	0.0	2355.40	164.	0.	0.	0.
4.260	2355.55	0.64	2356.35	80.	80.	200.	280.
4.260	2354.93	0.0	2355.43	164.	0.	0.	0.
4.260	2355.59	0.66	2356.39	80.	80.	200.	280.

	SECNO	CWSEL	DIFKWS	EG	TOPWID	PERENC	STENCL	STENCR
*	4.530	2363.45	0.0	2366.31	57.	0.	0.	0.
*	4.530	2363.43	-0.02	2366.31	55.	55.	60.	115.

SUMMARY OF ERRORS

CAUTION	SECNO=	3.940	PROFILE= 1	HYDRAULIC JUMP D.S.				
CAUTION	SECNO=	3.940	PROFILE= 2	HYDRAULIC JUMP D.S.				
CAUTION	SECNO=	4.000	PROFILE= 1	CRITICAL DEPTH ASSUMED				
CAUTION	SECNO=	4.000	PROFILE= 2	CRITICAL DEPTH ASSUMED				
CAUTION	SECNO=	4.000	PROFILE= 1	HYDRAULIC JUMP D.S.				
CAUTION	SECNO=	4.000	PROFILE= 2	HYDRAULIC JUMP D.S.				
CAUTION	SECNO=	4.260	PROFILE= 1	CRITICAL DEPTH ASSUMED				
CAUTION	SECNO=	4.260	PROFILE= 1	PROBABLE MINIMUM SPECIFIC ENERGY				
CAUTION	SECNO=	4.260	PROFILE= 1	20 TRIALS ATTEMPTED TO BALANCE WSEL				
CAUTION	SECNO=	4.260	PROFILE= 2	CRITICAL DEPTH ASSUMED				
CAUTION	SECNO=	4.260	PROFILE= 2	PROBABLE MINIMUM SPECIFIC ENERGY				
CAUTION	SECNO=	4.260	PROFILE= 2	20 TRIALS ATTEMPTED TO BALANCE WSEL				
CAUTION	SECNO=	4.530	PROFILE= 1	CRITICAL DEPTH ASSUMED				
CAUTION	SECNO=	4.530	PROFILE= 1	PROBABLE MINIMUM SPECIFIC ENERGY				
CAUTION	SECNO=	4.530	PROFILE= 1	20 TRIALS ATTEMPTED TO BALANCE WSEL				
CAUTION	SECNO=	4.530	PROFILE= 2	CRITICAL DEPTH ASSUMED				

	SECNO	CWSEL	DIFKWS	EG	TOPWID	PERENC	STENCL	STENCR
*	4.530	2363.45	0.0	2366.31	57.	0.	0.	0.
* (	4.530	2363.43	-0.02	2366.31	55.	55.	60.	115.

SUMMARY OF ERRORS

- CAUTION SECNO= 3.940 PROFILE= 1 HYDRAULIC JUMP D.S.
- CAUTION SECNO= 3.940 PROFILE= 2 HYDRAULIC JUMP D.S.
- CAUTION SECNO= 4.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
- CAUTION SECNO= 4.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
- CAUTION SECNO= 4.000 PROFILE= 1 HYDRAULIC JUMP D.S.
- CAUTION SECNO= 4.000 PROFILE= 2 HYDRAULIC JUMP D.S.
- CAUTION SECNO= 4.260 PROFILE= 1 CRITICAL DEPTH ASSUMED
- CAUTION SECNO= 4.260 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
- CAUTION SECNO= 4.260 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
- CAUTION SECNO= 4.260 PROFILE= 2 CRITICAL DEPTH ASSUMED
- CAUTION SECNO= 4.260 PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY
- CAUTION SECNO= 4.260 PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL
- CAUTION SECNO= 4.530 PROFILE= 1 CRITICAL DEPTH ASSUMED
- CAUTION SECNO= 4.530 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
- CAUTION SECNO= 4.530 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
- CAUTION SECNO= 4.530 PROFILE= 2 CRITICAL DEPTH ASSUMED