

Cass River

CANE RIVER

YANCEY COUNTY NC FEMA ST

MILE	500 YEAR FLOOD		100 YEAR FLOOD		50 YEAR FLOOD		10 YEAR FLOOD	
	C	ELEV	Q	ELEV	Q	ELEV	Q	ELEV
0.020	81555.	2054.5 2047.8	42490.	2045.8 2041.8	31420.	2042.6 2039.7	14460.	2036.0 2035.3
0.270 <i>ds.</i>	81520.	2057.4	42470.	2049.8	31405.	2045.9	14455.	2040.9
0.270 <i>u.s.</i>	81520.	2059.3	42470.	2050.1	31405.	2046.2	14455.	2041.0
0.970	81425.	2072.2	42415.	2062.4	31365.	2057.7	14435.	2051.3
1.550	81340.	2076.9	42370.	2068.3	31335.	2065.8	14415.	2060.2
2.000	81280.	2083.6	42335.	2074.9	31310.	2072.0	14405.	2067.2
2.750	81170.	2096.9	42280.	2091.2	31270.	2089.1	14380.	2084.4
3.520 <i>ds.</i>	81065.	2128.2	42220.	2118.2	31225.	2114.4	14360.	2101.7
3.520 <i>u.s.</i>	81065.	2128.2	42220.	2118.3	31225.	2114.5	14360.	2101.8
4.220	78600.	2132.7	40935.	2124.5	30275.	2121.6	13930.	2113.8
5.000	78600.	2142.9	40935.	2136.1	30275.	2133.1	13930.	2131.6
5.140 <i>ds.</i>	48125.	2152.8	40690.	2146.4	30090.	2142.5	13845.	2133.8
5.140 <i>u.s.</i>	48125.	2152.9	40690.	2147.0	30090.	2142.8	13845.	2134.0
5.980	77690.	2174.1	40460.	2168.7	29925.	2166.3	13765.	2158.6
6.600	77370.	2195.6	40295.	2185.7	29800.	2182.7	13710.	2179.3
6.930 <i>ds.</i>	77195.	2209.7	40205.	2202.1	29735.	2199.4	13660.	2187.3
6.930 <i>u.s.</i>	77195.	2210.3	40205.	2202.6	29735.	2199.8	13680.	2187.5
7.380	76965.	2214.8	40085.	2207.4	29645.	2204.7	13635.	2195.7
8.240	76520.	2223.0	39855.	2226.0	29475.	2223.8	13560.	2221.2
9.310	75965.	2276.4	39565.	2269.0	29260.	2266.3	13460.	2258.9
9.980 <i>ds.</i>	71080.	2302.2	37025.	2293.8	27385.	2290.9	12600.	2283.0
9.980 <i>u.s.</i>	71080.	2302.8	37025.	2294.4	27385.	2291.5	12600.	2283.2
11.230 <i>ds.</i>	70420.	2352.4	36680.	2347.1	27130.	2344.7	12480.	2326.7
11.230 <i>u.s.</i>	70420.	2352.9	36680.	2347.5	27130.	2345.0	12480.	2327.6
12.000	70015.	2374.8	36465.	2367.0	26975.	2364.0	12410.	2355.9
12.260	69875.	2381.9	36395.	2372.9	26920.	2369.5	12385.	2362.7
12.750 <i>ds.</i>	69620.	2387.0	36260.	2379.9	26820.	2377.4	12335.	2372.7
12.750 <i>u.s.</i>	69620.	2396.6	36260.	2388.8	26820.	2386.3	12335.	2377.4

13.440 <small>u.s.</small>	69255.	2408.1	36070.	2397.1	26680.	2393.4	12270.	2388.2
13.440 <small>u.s.</small>	69255.	2409.8	36070.	2398.6	26680.	2395.4	12270.	2389.6
14.130	68990.	2430.3	35880.	2417.9	26540.	2414.7	12205.	2408.1
14.730 <small>u.s.</small>	68575.	2435.7	35715.	2425.2	26420.	2422.0	12150.	2416.2
14.730 <small>u.s.</small>	68575.	2436.2	35715.	2425.5	26420.	2422.9	12150.	2418.6
15.190	68330.	2442.9	35585.	2435.3	26325.	2432.6	12105.	2427.2
15.870	67970.	2458.7	35400.	2450.6	26190.	2447.7	12045.	2442.3
16.200 <small>u.s.</small>	67800.	2467.8	35310.	2459.4	26120.	2456.1	12010.	2447.4
16.200 <small>u.s.</small>	67800.	2468.1	35310.	2459.9	26120.	2456.9	12010.	2447.6
16.970	67390.	2475.4	35095.	2469.0	25965.	2466.5	11940.	2457.5
17.460	67135.	2482.3	34960.	2473.3	25865.	2470.0	11895.	2463.8
17.770	66970.	2484.1	34875.	2476.0	25800.	2473.5	11865.	2469.7
18.270 <small>u.s.</small>	66705.	2487.8	34740.	2480.8	25700.	2478.6	11815.	2474.0
18.270 <small>u.s.</small>	66705.	2489.4	34740.	2482.3	25700.	2480.0	11815.	2475.1
19.080	59710.	2493.3	31095.	2487.7	23000.	2486.0	10580.	2482.7
19.780	58105.	2499.1	30260.	2495.9	22385.	2494.5	10305.	2491.4
20.250	57030.	2512.2	29700.	2505.9	21970.	2503.6	10115.	2498.9
20.960	55405.	2523.9	28855.	2517.2	21340.	2515.0	9830.	2510.6
21.300	54630.	2530.3	28450.	2523.8	21040.	2521.7	7695.	2516.6
21.520 <small>u.s.</small>	54125.	2541.5	28185.	2533.1	20850.	2530.2	9610.	2523.4
21.520 <small>u.s.</small>	54125.	2542.3	28185.	2535.5	20850.	2531.0	9610.	2523.8
22.050	52910.	2544.9	27555.	2538.1	20380.	2534.4	9400.	2528.4
22.850 <small>u.s.</small>	51080.	2559.4	26600.	2553.0	19675.	2551.5	9080.	2548.3
22.850 <small>u.s.</small>	51080.	2595.3	26600.	2575.8	19675.	2572.5	9080.	2565.8
23.350	49935.	2585.9	26005.	2576.8	19235.	2573.5	8880.	2566.9
24.140	48130.	2601.9	25065.	2594.7	18540.	2592.4	8565.	2589.0
24.480 <small>u.s.</small>	44430.	2611.1	23140.	2604.7	17110.	2601.9	7875.	2596.9
24.480 <small>u.s.</small>	44430.	2611.7	23140.	2605.6	17110.	2603.2	7875.	2599.6
25.140	43970.	2636.7	22900.	2626.2	16935.	2622.7	7795.	2616.1
25.310	43850.	2644.4	22835.	2633.8	16890.	2630.3	7775.	2623.7
25.340	43825.	2654.1	22825.	2643.6	16880.	2640.1	7770.	2633.5
26.050 <small>u.s.</small>	43330.	2669.0	22565.	2658.4	16690.	2654.9	7680.	2649.2
26.050 <small>u.s.</small>	43330.	2669.5	22565.	2658.8	16690.	2655.2	7680.	2651.4

26.370	43105.	2670.3	22450.	2660.2	16600.	2657.4	7640.	2653.5
26.970	42685.	2683.7	22230.	2679.1	16440.	2677.1	7565.	2674.4
27.480	42330.	2706.6	22045.	2701.4	16305.	2699.6	7500.	2692.4
27.480	42330.	2706.9	22045.	2701.5	16305.	2699.7	7500.	2692.6
28.180	41840.	2716.2	21790.	2712.6	16115.	2711.3	7415.	2709.2
28.500	41615.	2729.4	21670.	2725.3	16030.	2723.7	7375.	2719.4
28.810	41400.	2741.1	21560.	2736.4	15945.	2733.9	7335.	2725.7
28.810	41400.	2741.6	21560.	2737.3	15945.	2735.5	7335.	2726.3
28.970	41285.	2746.5	21500.	2741.8	15900.	2739.8	7315.	2731.9
29.890	40645.	2768.3	21165.	2760.8	15655.	2759.4	7200.	2756.3
30.600	40145.	2791.1	20905.	2788.7	15460.	2787.6	7110.	2785.3
30.920	39920.	2809.5	20785.	2804.3	15375.	2801.9	7070.	2798.2
31.240	39700.	2826.8	20670.	2822.5	15290.	2819.9	7030.	2812.5
31.240	39700.	2826.9	20670.	2822.7	15290.	2820.0	7030.	2812.5
31.710	39370.	2835.7	20500.	2832.1	15165.	2830.8	6975.	2826.6
32.360	32950.	2867.2	17160.	2864.6	12695.	2863.5	5835.	2861.7
32.770	32180.	2884.1	16760.	2881.1	12395.	2879.9	5700.	2877.1
33.580	30660.	2933.5	15970.	2932.3	11810.	2930.0	5435.	2925.9
33.580	30660.	2935.5	15970.	2932.9	11810.	2931.4	5435.	2926.3
33.800	30250.	2942.5	15755.	2940.1	11650.	2938.8	5360.	2934.0
34.530	28880.	2981.2	15040.	2977.5	11120.	2976.2	5120.	2973.0

\* NOLICHUCKY RIVER MILE 110.75 ELEVATIONS @ THE MOUTH

OF THE CANE RIVER

## CANE RIVER

## SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
0.020	14460.	2035.3	0.0	0.0	0.0	270.46	0.0
0.020	31420.	2039.7	4.4	0.0	0.0	370.14	0.0
0.020	42490.	2041.8	2.1	0.0	0.0	381.36	0.0
0.020	81555.	2047.8	6.0	0.0	0.0	497.29	0.0
0.270	14455.	2040.9	0.0	5.6	0.0	149.72	1400.00
0.270	31405.	2045.9	5.0	6.2	0.0	165.74	1400.00
0.270	42470.	2049.8	3.9	8.0	0.0	203.86	1400.00
0.270	81520.	2057.4	7.6	9.5	0.0	271.56	1400.00
0.270	14455.	2041.0	0.0	0.1	0.0	150.11	34.00
0.270	31405.	2046.2	5.1	0.2	0.0	166.02	34.00
0.270	42470.	2050.1	3.9	0.3	0.0	213.92	34.00
0.270	81520.	2059.3	9.2	1.9	0.0	276.84	34.00
0.970	14435.	2051.3	0.0	10.3	0.0	136.36	3575.00
0.970	31365.	2057.7	6.4	11.5	0.0	256.89	3575.00
0.970	42415.	2062.4	4.8	12.3	0.0	271.50	3575.00
0.970	81425.	2072.2	9.8	12.9	0.0	292.29	3575.00
1.550	14415.	2060.2	0.0	9.0	0.0	225.31	3170.00
1.550	31335.	2065.8	5.6	8.2	0.0	284.82	3170.00
1.550	42370.	2068.3	2.5	5.9	0.0	291.44	3170.00
1.550	81340.	2076.9	8.6	4.7	0.0	366.26	3170.00
2.000	14405.	2067.2	0.0	6.9	0.0	389.90	2350.00
2.000	31310.	2072.0	4.9	6.2	0.0	453.49	2350.00
2.000	42335.	2074.9	2.9	6.6	0.0	486.99	2350.00
2.000	81260.	2083.6	8.7	6.7	0.0	676.26	2350.00
2.750	14380.	2084.4	0.0	17.3	0.0	177.00	4000.00
2.750	31270.	2089.1	4.7	17.1	0.0	223.05	4000.00
2.750	42280.	2091.2	2.1	16.3	0.0	230.21	4000.00
2.750	81170.	2096.9	5.6	13.3	0.0	245.06	4000.00
3.520	14360.	2101.7	0.0	17.3	0.0	153.00	4100.00
3.520	31225.	2114.4	12.7	25.3	0.0	359.90	4100.00
3.520	42220.	2118.2	3.8	27.0	0.0	397.45	4100.00
3.520	81065.	2128.2	9.9	31.3	0.0	415.00	4100.00
3.520	14360.	2101.8	0.0	0.1	0.0	153.00	23.00
3.520	31225.	2114.5	12.8	0.1	0.0	361.14	23.00
3.520	42220.	2118.3	3.8	0.1	0.0	398.46	23.00
3.520	81065.	2128.2	9.9	0.1	0.0	415.00	23.00
4.220	13930.	2113.8	0.0	12.0	0.0	193.94	3665.00
4.220	30275.	2121.6	7.9	7.1	0.0	550.10	3665.00
4.220	40935.	2124.5	2.8	6.1	0.0	673.50	3665.00
4.220	78600.	2132.7	8.2	4.4	0.0	915.00	3665.00
5.000	13930.	2131.6	0.0	17.9	0.0	153.58	4100.00
* 5.000	30275.	2133.1	1.4	11.4	0.0	157.87	4100.00
* 5.000	40935.	2136.1	3.1	11.7	0.0	194.49	4100.00
* 5.000	78600.	2142.9	6.8	10.2	0.0	422.72	4100.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
5.140	13845.	2133.8	0.0	2.2	0.0	151.20	730.00
5.140	30090.	2142.5	8.6	9.4	0.0	323.15	730.00
5.140	40690.	2146.4	3.9	10.2	0.0	429.96	730.00
5.140	48125.	2152.8	6.4	9.9	0.0	510.69	730.00
5.140	13845.	2134.0	0.0	0.2	0.0	151.79	31.00
5.140	30090.	2142.8	8.8	0.4	0.0	339.61	31.00
5.140	40690.	2147.0	4.1	0.6	0.0	437.52	31.00
5.140	48125.	2152.9	5.9	0.1	0.0	511.93	31.00
* 5.980	13765.	2158.6	0.0	24.6	0.0	121.64	4570.00
5.980	29925.	2166.3	7.6	23.4	0.0	164.75	4570.00
5.980	40460.	2168.7	2.5	21.8	0.0	203.78	4570.00
* 5.980	77690.	2174.1	5.4	21.2	0.0	235.29	4570.00
6.600	13710.	2179.3	0.0	20.7	0.0	147.84	3150.00
6.600	29600.	2182.7	3.4	16.5	0.0	159.30	3150.00
6.600	40295.	2185.7	3.0	17.0	0.0	183.29	3150.00
6.600	77370.	2195.6	9.9	21.5	0.0	316.40	3150.00
6.930	13680.	2187.3	0.0	8.0	0.0	160.08	1700.00
6.930	29735.	2199.4	12.1	16.7	0.0	378.25	1700.00
6.930	40205.	2202.1	2.7	16.4	0.0	414.36	1700.00
6.930	77195.	2209.7	7.5	14.0	0.0	513.90	1700.00
6.930	13680.	2187.5	0.0	0.2	0.0	162.19	30.00
6.930	29735.	2199.8	12.3	0.4	0.0	383.30	30.00
6.930	40205.	2202.6	2.8	0.4	0.0	420.24	30.00
6.930	77195.	2210.3	7.7	0.6	0.0	518.00	30.00
7.380	13635.	2195.7	0.0	8.2	0.0	186.79	2370.00
7.380	29645.	2204.7	9.0	4.9	0.0	250.74	2370.00
7.380	40085.	2207.4	2.8	4.8	0.0	254.07	2370.00
7.380	76965.	2214.8	7.3	4.5	0.0	262.00	2370.00
* 8.240	13560.	2221.2	0.0	25.5	0.0	159.51	4360.00
* 8.240	29475.	2223.8	2.6	19.1	0.0	173.81	4360.00
* 8.240	39855.	2226.0	2.3	18.6	0.0	186.82	4360.00
* 8.240	76520.	2233.0	6.9	18.2	0.0	250.86	4360.00
9.310	13460.	2258.9	0.0	37.7	0.0	127.86	5680.00
9.310	29260.	2266.3	7.4	42.5	0.0	231.35	5680.00
9.310	39565.	2269.0	2.7	43.0	0.0	243.69	5680.00
9.310	75965.	2276.4	7.4	43.4	0.0	260.00	5680.00
* 9.980	12600.	2283.0	0.0	24.1	0.0	161.00	3570.00
9.980	27385.	2290.9	7.9	24.6	0.0	270.95	3570.00
9.980	37025.	2293.8	2.9	24.8	0.0	278.36	3570.00
9.980	71080.	2302.2	8.4	25.8	0.0	294.00	3570.00
9.980	12600.	2283.2	0.0	0.2	0.0	161.00	36.00
9.980	27385.	2291.5	8.3	0.6	0.0	272.58	36.00
9.980	37025.	2294.4	2.9	0.6	0.0	279.96	36.00
9.980	71080.	2302.8	8.4	0.6	0.0	294.00	36.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
11.230	12480.	2326.7	0.0	43.5	0.0	110.43	6465.0
11.230	27120.	2344.7	18.0	53.2	0.0	228.37	6465.0
11.230	36680.	2347.1	2.4	52.7	0.0	244.19	6465.0
11.230	70420.	2353.4	6.3	50.5	0.0	278.00	6465.0
11.230	12480.	2327.6	0.0	0.9	0.0	113.46	37.0
11.230	27120.	2345.0	17.4	0.3	0.0	230.26	37.0
11.230	36680.	2347.5	2.4	0.3	0.0	246.52	37.0
11.230	70420.	2353.9	6.5	0.5	0.0	278.00	37.0
* 12.000	12410.	2355.9	0.0	28.3	0.0	105.67	4100.0
12.000	26975.	2364.0	8.1	19.0	0.0	141.88	4100.0
12.000	36465.	2367.0	3.0	19.6	0.0	159.22	4100.0
12.000	70015.	2374.8	7.8	20.9	0.0	225.29	4100.0
12.260	12285.	2362.7	0.0	6.8	0.0	176.86	1545.0
12.260	26920.	2369.5	6.9	5.5	0.0	205.11	1545.0
12.260	36335.	2372.9	3.4	5.9	0.0	216.34	1545.0
12.260	69875.	2381.9	9.0	7.1	0.0	233.00	1545.0
* 12.750	12335.	2372.7	0.0	10.0	0.0	133.30	2570.0
* 12.750	26820.	2377.4	4.7	7.8	0.0	159.99	2570.0
* 12.750	36260.	2379.9	2.6	7.0	0.0	197.48	2570.0
* 12.750	69620.	2387.0	7.1	5.2	0.0	230.56	2570.0
12.750	12335.	2373.6	0.0	1.0	0.0	98.79	100.0
12.750	26820.	2379.3	5.7	1.9	0.0	124.47	100.0
12.750	36260.	2381.7	2.4	1.8	0.0	201.63	100.0
* 12.750	69620.	2389.4	7.6	2.3	0.0	236.39	100.0
* 12.750	12335.	2373.9	0.0	0.3	0.0	96.68	1.0
12.750	26820.	2378.9	4.9	-0.4	0.0	100.00	1.0
* 12.750	36260.	2385.4	6.5	3.7	0.0	210.34	1.0
12.750	69620.	2395.2	9.8	5.8	0.0	250.95	1.0
12.750	12335.	2375.6	0.0	1.7	0.0	98.00	30.0
12.750	26820.	2379.9	4.2	1.0	0.0	163.43	30.0
12.750	36260.	2386.7	6.8	1.3	0.0	223.57	30.0
12.750	69620.	2395.4	8.7	0.2	0.0	251.39	30.0
12.750	12335.	2376.5	0.0	0.9	0.0	100.00	1.0
12.750	26820.	2385.5	9.0	5.7	0.0	210.45	1.0
12.750	36260.	2387.7	2.2	1.0	0.0	232.22	1.0
12.750	69620.	2394.8	7.1	-0.6	0.0	249.97	1.0
12.750	12335.	2377.4	0.0	0.9	0.0	160.16	25.0
12.750	26820.	2386.3	8.9	0.8	0.0	212.29	25.0
12.750	36260.	2388.8	2.5	1.1	0.0	235.05	25.0
12.750	69620.	2396.6	7.8	1.8	0.0	254.54	25.0
13.440	12270.	2388.2	0.0	10.7	0.0	119.20	3670.0
13.440	26680.	2393.4	5.2	7.0	0.0	138.07	3670.0
13.440	36070.	2397.1	3.7	8.3	0.0	162.36	3670.0
13.440	69255.	2408.1	11.0	11.5	0.0	215.75	3670.0

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
11.230	12480.	2326.7	0.0	43.5	0.0	110.43	6465.0
11.230	27120.	2344.7	18.0	53.2	0.0	228.37	6465.0
11.230	36680.	2347.1	2.4	52.7	0.0	244.19	6465.0
11.230	70420.	2353.4	6.3	50.5	0.0	278.00	6465.0
11.230	12480.	2327.6	0.0	0.9	0.0	113.46	37.0
11.230	27120.	2345.0	17.4	0.3	0.0	230.26	37.0
11.230	36680.	2347.5	2.4	0.3	0.0	246.52	37.0
11.230	70420.	2353.9	6.5	0.5	0.0	278.00	37.0
* 12.000	12410.	2355.9	0.0	28.3	0.0	105.67	4100.0
12.000	26975.	2364.0	8.1	19.0	0.0	141.88	4100.0
12.000	36465.	2367.0	3.0	19.6	0.0	159.22	4100.0
12.000	70015.	2374.8	7.8	20.9	0.0	225.29	4100.0
12.260	12285.	2362.7	0.0	6.8	0.0	176.86	1545.0
12.260	26920.	2369.5	6.9	5.5	0.0	205.11	1545.0
12.260	36395.	2372.9	3.4	5.9	0.0	216.34	1545.0
12.260	69875.	2381.9	9.0	7.1	0.0	233.00	1545.0
* 12.750	12335.	2372.7	0.0	10.0	0.0	133.30	2570.0
* 12.750	26820.	2377.4	4.7	7.8	0.0	159.99	2570.0
* 12.750	36260.	2379.9	2.6	7.0	0.0	197.48	2570.0
* 12.750	69620.	2387.0	7.1	5.2	0.0	230.56	2570.0
12.750	12335.	2373.6	0.0	1.0	0.0	98.79	100.0
12.750	26820.	2379.3	5.7	1.9	0.0	124.47	100.0
12.750	36260.	2381.7	2.4	1.8	0.0	201.63	100.0
* 12.750	69620.	2389.4	7.6	2.3	0.0	236.39	100.0
* 12.750	12335.	2373.9	0.0	0.3	0.0	96.68	1.0
12.750	26820.	2378.9	4.9	-0.4	0.0	100.00	1.0
* 12.750	36260.	2385.4	6.5	3.7	0.0	210.34	1.0
12.750	69620.	2395.2	9.8	5.8	0.0	250.95	1.0
12.750	12335.	2375.6	0.0	1.7	0.0	98.00	30.0
12.750	26820.	2379.9	4.2	1.0	0.0	163.43	30.0
12.750	36260.	2386.7	6.8	1.3	0.0	223.57	30.0
12.750	69620.	2395.4	8.7	0.2	0.0	251.39	30.0
12.750	12335.	2376.5	0.0	0.9	0.0	100.00	1.0
12.750	26820.	2385.5	9.0	5.7	0.0	210.45	1.0
12.750	36260.	2387.7	2.2	1.0	0.0	232.22	1.0
12.750	69620.	2394.8	7.1	-0.6	0.0	249.97	1.0
12.750	12335.	2377.4	0.0	0.9	0.0	160.16	25.0
12.750	26820.	2386.3	8.9	0.8	0.0	212.29	25.0
12.750	36260.	2388.8	2.5	1.1	0.0	235.05	25.0
12.750	69620.	2396.6	7.8	1.8	0.0	254.54	25.0
13.440	12270.	2388.2	0.0	10.7	0.0	119.20	3670.0
13.440	26680.	2393.4	5.2	7.0	0.0	138.07	3670.0
13.440	36070.	2397.1	3.7	8.3	0.0	162.36	3670.0
13.440	69255.	2408.1	11.0	11.5	0.0	215.75	3670.0



SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
13.440	12270.	2389.6	0.0	1.4	0.0	122.76	35.00
13.440	26680.	2395.4	5.8	2.0	0.0	151.23	35.00
13.440	36070.	2398.6	3.2	1.5	0.0	172.21	35.00
13.440	69255.	2409.8	11.2	1.7	0.0	223.63	35.00
14.130	12205.	2408.1	0.0	18.5	0.0	146.49	3545.00
14.130	26540.	2414.7	6.6	19.3	0.0	171.92	3545.00
14.130	35880.	2417.9	3.2	19.3	0.0	181.71	3545.00
14.130	68890.	2430.3	12.4	20.6	0.0	210.00	3545.00
14.730	12150.	2416.2	0.0	8.2	0.0	172.65	3200.00
14.730	26420.	2422.0	5.8	7.4	0.0	183.33	3200.00
14.730	35715.	2425.2	3.1	7.3	0.0	200.48	3200.00
14.730	68575.	2435.7	10.5	5.3	0.0	235.01	3200.00
14.730	12150.	2416.7	0.0	0.5	0.0	173.43	60.00
14.730	26420.	2422.1	5.3	0.0	0.0	183.35	60.00
14.730	35715.	2425.2	3.2	0.0	0.0	200.61	60.00
14.730	68575.	2436.3	11.1	0.6	0.0	235.53	60.00
14.730	12150.	2417.8	0.0	1.1	0.0	175.17	15.00
14.730	26420.	2422.4	4.6	0.3	0.0	184.09	15.00
14.730	35715.	2425.4	3.0	0.2	0.0	201.27	15.00
14.730	68575.	2436.3	10.9	0.1	0.0	235.58	15.00
14.730	12150.	2418.6	0.0	0.8	0.0	173.60	15.00
14.730	26420.	2422.9	4.3	0.6	0.0	181.13	15.00
14.730	35715.	2425.5	2.6	0.1	0.0	187.24	15.00
14.730	68575.	2436.2	10.8	-0.1	0.0	233.95	15.00
15.190	12105.	2427.2	0.0	8.6	0.0	136.33	2530.00
15.190	26325.	2432.6	5.5	9.7	0.0	157.68	2530.00
15.190	35585.	2435.3	2.6	9.8	0.0	170.57	2530.00
15.190	68330.	2442.9	7.6	6.7	0.0	253.03	2530.00
15.870	12045.	2442.3	0.0	15.1	0.0	139.47	3500.00
15.870	26190.	2447.7	5.4	15.0	0.0	221.87	3500.00
15.870	35400.	2450.6	2.9	15.3	0.0	302.82	3500.00
15.870	67970.	2458.7	8.1	15.8	0.0	437.80	3500.00
16.200	12010.	2447.4	0.0	5.2	0.0	136.00	1680.00
16.200	26120.	2456.1	8.7	8.4	0.0	362.57	1680.00
16.200	35310.	2459.4	3.3	8.8	0.0	507.55	1680.00
16.200	67800.	2467.8	8.4	9.1	0.0	600.00	1680.00
16.200	12010.	2447.6	0.0	0.2	0.0	137.26	30.00
16.200	26120.	2456.9	9.3	0.8	0.0	425.08	30.00
16.200	35310.	2459.9	3.0	0.6	0.0	517.24	30.00
16.200	67800.	2468.1	8.2	0.4	0.0	600.00	30.00
16.970	11940.	2457.5	0.0	9.9	0.0	124.99	4180.00
16.970	25965.	2466.5	9.0	9.6	0.0	245.67	4180.00
16.970	35095.	2469.0	2.5	9.1	0.0	252.00	4180.00
16.970	67390.	2475.4	6.4	7.2	0.0	252.00	4180.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
17.460	11895.	2463.8	0.0	6.3	0.0	340.21	2550.00
17.460	25865.	2470.0	6.3	3.6	0.0	615.71	2550.00
17.460	34960.	2473.2	3.3	4.3	0.0	629.15	2550.00
17.460	67135.	2482.3	9.0	6.9	0.0	666.08	2550.00
17.770	11865.	2469.7	0.0	5.9	0.0	531.40	1650.00
17.770	25800.	2473.5	3.8	3.5	0.0	615.06	1650.00
17.770	34875.	2476.0	2.5	2.7	0.0	682.30	1650.00
17.770	66970.	2484.1	8.1	1.8	0.0	761.63	1650.00
18.270	11815.	2474.0	0.0	4.2	0.0	325.32	2570.00
18.270	25700.	2478.6	4.6	5.1	0.0	779.23	2570.00
18.270	34740.	2480.8	2.2	4.8	0.0	832.34	2570.00
18.270	66705.	2487.8	7.0	3.7	0.0	849.10	2570.00
18.270	11815.	2474.0	0.0	0.1	0.0	309.07	100.00
18.270	25700.	2479.3	5.3	0.7	0.0	740.00	100.00
18.270	34740.	2482.0	2.7	1.2	0.0	846.69	100.00
18.270	66705.	2489.0	7.1	1.2	0.0	849.61	100.00
18.270	11815.	2473.9	0.0	-0.1	0.0	116.00	1.00
18.270	25700.	2479.2	5.3	-0.1	0.0	707.80	1.00
18.270	34740.	2482.3	3.1	0.3	0.0	825.43	1.00
18.270	66705.	2489.6	7.3	0.6	0.0	849.83	1.00
18.270	11815.	2474.1	0.0	0.2	0.0	116.00	19.00
18.270	25700.	2479.4	5.3	0.2	0.0	712.02	19.00
18.270	34740.	2482.4	3.0	0.1	0.0	835.44	19.00
18.270	66705.	2489.6	7.2	0.0	0.0	849.85	19.00
18.270	11815.	2474.6	0.0	0.5	0.0	345.76	1.00
18.270	25700.	2479.6	5.1	0.2	0.0	740.00	1.00
18.270	34740.	2482.3	2.6	-0.1	0.0	846.81	1.00
18.270	66705.	2489.4	7.1	-0.2	0.0	849.76	1.00
18.270	11815.	2475.1	0.0	0.6	0.0	409.45	25.00
18.270	25700.	2480.0	4.8	0.4	0.0	798.25	25.00
18.270	34740.	2482.3	2.3	0.0	0.0	846.83	25.00
18.270	66705.	2489.4	7.1	0.0	0.0	849.77	25.00
19.080	10580.	2482.7	0.0	7.6	0.0	819.05	4275.00
19.080	23000.	2486.0	3.3	6.0	0.0	1194.93	4275.00
19.080	31095.	2487.7	1.7	5.4	0.0	1217.46	4275.00
19.080	59710.	2493.3	5.6	3.9	0.0	1266.90	4275.00
19.780	10205.	2491.4	0.0	8.7	0.0	227.63	3750.00
19.780	22335.	2494.5	3.1	8.5	0.0	260.91	3750.00
19.780	30260.	2495.9	1.4	8.2	0.0	272.14	3750.00
19.780	58105.	2499.1	3.2	5.8	0.0	301.54	3750.00
20.250	10115.	2498.9	0.0	7.5	0.0	121.87	2550.00
20.250	21970.	2503.6	4.7	9.1	0.0	164.86	2550.00
20.250	29700.	2505.9	2.3	10.0	0.0	192.68	2550.00
20.250	57030.	2512.2	6.3	13.0	0.0	236.00	2550.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPMID	XLCH
20.960	9830.	2510.6	0.0	11.7	0.0	318.15	3770.00
20.960	21340.	2515.0	4.4	11.4	0.0	548.57	3770.00
20.960	23655.	2517.2	2.3	11.4	0.0	709.10	3770.00
20.960	55405.	2523.9	6.7	11.8	0.0	811.00	3770.00
* 21.300	7695.	2516.6	0.0	6.0	0.0	110.86	1790.00
* 21.300	21040.	2521.7	5.0	6.7	0.0	137.97	1790.00
* 21.300	28450.	2523.8	2.1	6.6	0.0	144.92	1790.00
* 21.300	54630.	2530.3	6.5	6.4	0.0	197.28	1790.00
21.520	9610.	2523.4	0.0	6.8	0.0	142.07	1130.00
21.520	20850.	2530.2	6.7	8.5	0.0	172.18	1130.00
21.520	23185.	2533.1	2.9	9.3	0.0	457.06	1130.00
21.520	54125.	2541.5	8.4	11.2	0.0	711.41	1130.00
21.520	5610.	2523.4	0.0	-0.0	0.0	122.54	1.00
21.520	20850.	2530.1	6.7	-0.1	0.0	147.00	1.00
21.520	28185.	2532.8	2.7	-0.3	0.0	150.26	1.00
21.520	54125.	2542.6	9.8	1.1	0.0	721.13	1.00
21.520	9610.	2523.5	0.0	0.2	0.0	123.21	30.00
21.520	20850.	2530.4	6.9	0.3	0.0	147.00	30.00
21.520	26185.	2533.4	3.0	0.6	0.0	230.86	30.00
21.520	54125.	2542.8	9.4	0.2	0.0	722.99	30.00
21.520	9610.	2523.8	0.0	0.3	0.0	143.33	1.00
21.520	20850.	2531.0	7.2	0.6	0.0	218.11	1.00
21.520	28185.	2535.5	4.5	2.1	0.0	557.58	1.00
21.520	54125.	2542.3	6.8	-0.5	0.0	718.71	1.00
22.050	9400.	2528.4	0.0	4.6	0.0	116.08	2990.00
22.050	20390.	2534.4	6.0	3.4	0.0	177.60	2990.00
22.050	27555.	2538.1	3.6	2.5	0.0	210.97	2990.00
22.050	52910.	2544.9	6.9	2.6	0.0	273.79	2990.00
22.850	9080.	2548.3	0.0	19.8	0.0	128.04	4150.00
22.850	13675.	2551.5	3.2	17.1	0.0	142.86	4150.00
22.850	26600.	2553.0	1.5	14.9	0.0	152.59	4150.00
22.850	51080.	2559.4	6.4	14.4	0.0	165.61	4150.00
22.850	9080.	2548.5	0.0	0.2	0.0	128.74	100.00
22.850	19675.	2551.6	3.1	0.1	0.0	143.64	100.00
* 22.850	26600.	2553.0	1.4	0.0	0.0	152.61	100.00
* 22.850	51080.	2559.4	6.4	0.0	0.0	165.88	100.00
22.850	9080.	2566.0	0.0	17.5	0.0	173.86	10.00
22.850	13675.	2572.7	6.7	21.1	0.0	181.57	10.00
22.850	26600.	2576.1	3.4	23.1	0.0	185.45	10.00
22.850	51080.	2585.7	9.6	26.3	0.0	196.42	10.00
22.850	9080.	2565.8	0.0	-0.1	0.0	163.00	25.00
22.850	13675.	2572.5	6.6	-0.2	0.0	186.88	25.00
22.850	26600.	2575.8	3.3	-0.3	0.0	198.94	25.00
22.850	51080.	2585.3	9.5	-0.4	0.0	233.21	25.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
20.960	9830.	2510.6	0.0	11.7	0.0	318.15	3770.00
20.960	21340.	2515.0	4.4	11.4	0.0	548.57	3770.00
20.960	28855.	2517.2	2.3	11.4	0.0	709.10	3770.00
20.960	55405.	2523.9	6.7	11.8	0.0	811.00	3770.00
* 21.300	7695.	2516.6	0.0	6.0	0.0	110.86	1790.00
* 21.300	21040.	2521.7	5.0	6.7	0.0	137.97	1790.00
* 21.300	28450.	2523.8	2.1	6.6	0.0	144.92	1790.00
* 21.300	54630.	2530.3	6.5	6.4	0.0	197.28	1790.00
21.520	9610.	2523.4	0.0	6.8	0.0	142.07	1130.00
21.520	20850.	2530.2	6.7	8.5	0.0	172.18	1130.00
21.520	28185.	2533.1	2.9	9.3	0.0	457.06	1130.00
21.520	54125.	2541.5	8.4	11.2	0.0	711.41	1130.00
21.520	9610.	2523.4	0.0	-0.0	0.0	122.54	1.00
21.520	20850.	2530.1	6.7	-0.1	0.0	147.00	1.00
21.520	28185.	2532.8	2.7	-0.3	0.0	150.26	1.00
21.520	54125.	2542.6	9.8	1.1	0.0	721.13	1.00
21.520	9610.	2523.5	0.0	0.2	0.0	123.21	30.00
21.520	20850.	2530.4	6.9	0.3	0.0	147.00	30.00
21.520	28185.	2533.4	3.0	0.6	0.0	230.86	30.00
21.520	54125.	2542.8	9.4	0.2	0.0	722.99	30.00
21.520	9610.	2523.8	0.0	0.3	0.0	143.33	1.00
21.520	20850.	2531.0	7.2	0.6	0.0	218.11	1.00
21.520	28185.	2535.5	4.5	2.1	0.0	557.58	1.00
21.520	54125.	2542.3	6.8	-0.5	0.0	718.71	1.00
22.050	9400.	2528.4	0.0	4.6	0.0	116.08	2990.00
22.050	20380.	2534.4	6.0	3.4	0.0	177.60	2990.00
22.050	27555.	2538.1	3.6	2.5	0.0	210.97	2990.00
22.050	52910.	2544.9	6.9	2.6	0.0	273.79	2990.00
22.850	9080.	2548.3	0.0	19.8	0.0	128.04	4150.00
22.850	19675.	2551.5	3.2	17.1	0.0	142.86	4150.00
22.850	26600.	2553.0	1.5	14.9	0.0	152.59	4150.00
22.850	51080.	2559.4	6.4	14.4	0.0	165.61	4150.00
22.850	9080.	2548.5	0.0	0.2	0.0	128.74	100.00
22.850	19675.	2551.6	3.1	0.1	0.0	143.64	100.00
* 22.850	26600.	2553.0	1.4	0.0	0.0	152.61	100.00
* 22.850	51080.	2559.4	6.4	0.0	0.0	165.88	100.00
22.850	9080.	2566.0	0.0	17.5	0.0	173.86	10.00
22.850	19675.	2572.7	6.7	21.1	0.0	181.57	10.00
22.850	26600.	2576.1	3.4	23.1	0.0	185.45	10.00
22.850	51080.	2585.7	9.6	26.3	0.0	196.42	10.00
22.850	9080.	2565.8	0.0	-0.1	0.0	163.00	25.00
22.850	19675.	2572.5	6.6	-0.2	0.0	186.88	25.00
22.850	26600.	2575.8	3.3	-0.3	0.0	198.94	25.00
22.850	51080.	2585.3	9.5	-0.4	0.0	233.21	25.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
23.350	8880.	2566.9	0.0	1.1	0.0	105.75	2665.00
23.350	19235.	2573.5	6.6	1.0	0.0	119.11	2665.00
23.350	26005.	2576.8	3.3	1.0	0.0	125.60	2665.00
23.350	49935.	2585.9	9.1	0.6	0.0	147.05	2665.00
24.140	8565.	2589.0	0.0	22.0	0.0	117.82	4160.00
24.140	18540.	2592.4	3.4	18.9	0.0	133.66	4160.00
24.140	25065.	2594.7	2.3	17.9	0.0	204.59	4160.00
24.140	48130.	2601.9	7.2	16.0	0.0	334.37	4160.00
24.480	7875.	2596.9	0.0	8.0	0.0	166.99	1710.00
24.480	17110.	2601.9	5.0	9.5	0.0	186.10	1710.00
24.480	23140.	2604.7	2.7	9.9	0.0	198.64	1710.00
24.480	44430.	2611.1	6.5	9.2	0.0	251.69	1710.00
* 24.480	7875.	2597.6	0.0	0.7	0.0	169.82	1.00
24.480	17110.	2601.2	3.6	-0.7	0.0	183.83	1.00
24.480	23140.	2604.2	3.0	-0.5	0.0	197.78	1.00
24.480	44430.	2610.9	6.7	-0.2	0.0	250.75	1.00
24.480	7875.	2598.7	0.0	1.1	0.0	173.54	10.00
24.480	17110.	2601.8	3.1	0.6	0.0	186.29	10.00
24.480	23140.	2604.4	2.6	0.2	0.0	198.87	10.00
24.480	44430.	2611.1	6.6	0.1	0.0	251.33	10.00
24.480	7875.	2599.6	0.0	1.0	0.0	177.19	1.00
24.480	17110.	2603.2	3.6	1.4	0.0	192.08	1.00
24.480	23140.	2605.6	2.3	1.1	0.0	202.67	1.00
24.480	44430.	2611.7	6.1	0.6	0.0	254.14	1.00
* 25.140	7795.	2616.1	0.0	16.5	0.0	58.63	3480.00
* 25.140	16935.	2622.7	6.6	19.5	0.0	85.10	3480.00
* 25.140	22900.	2626.2	3.5	20.6	0.0	98.90	3480.00
* 25.140	43970.	2636.7	10.5	25.0	0.0	178.00	3480.00
* 25.310	7775.	2623.7	0.0	7.6	0.0	58.59	895.00
* 25.310	16890.	2630.3	6.6	7.6	0.0	85.09	895.00
* 25.310	22835.	2633.8	3.5	7.6	0.0	98.95	89.00
* 25.310	43850.	2644.4	10.6	7.6	0.0	178.14	895.00
* 25.340	7770.	2633.5	0.0	9.8	0.0	58.58	160.00
* 25.340	16880.	2640.1	6.6	9.8	0.0	85.04	160.00
* 25.340	22825.	2643.6	3.5	9.8	0.0	98.90	160.00
* 25.340	43825.	2654.1	10.5	9.8	0.0	178.02	160.00
26.050	7680.	2649.2	0.0	15.7	0.0	230.04	3775.00
26.050	16690.	2654.9	5.7	14.8	0.0	472.05	3775.00
26.050	22565.	2658.4	3.5	14.8	0.0	499.35	3775.00
26.050	43330.	2669.0	10.6	14.9	0.0	550.00	3775.00
* 26.050	7680.	2649.9	0.0	0.8	0.0	257.24	40.00
26.050	16690.	2655.0	5.1	0.2	0.0	473.14	40.00
26.050	22565.	2658.8	3.8	0.4	0.0	502.43	40.00
26.050	43330.	2669.6	10.7	0.5	0.0	550.00	40.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
26.050	7680.	2650.6	0.0	0.7	0.0	310.56	15.00
26.050	16690.	2655.1	4.5	0.0	0.0	473.41	15.00
26.050	22565.	2658.8	3.8	0.0	0.0	502.51	15.00
26.050	43330.	2669.6	10.7	0.0	0.0	550.00	15.00
26.050	7680.	2651.4	0.0	0.8	0.0	316.63	10.00
26.050	16690.	2655.2	3.8	0.1	0.0	474.38	10.00
26.050	22565.	2658.8	3.6	-0.0	0.0	502.18	10.00
26.050	43330.	2669.5	10.7	-0.1	0.0	550.00	10.00
26.370	7640.	2653.5	0.0	2.2	0.0	537.14	1665.00
26.370	16600.	2657.4	3.8	2.2	0.0	654.37	1665.00
26.370	22450.	2660.2	2.8	1.4	0.0	888.63	1665.00
26.370	43105.	2670.3	10.1	0.8	0.0	1173.09	1665.00
26.970	7565.	2674.4	0.0	20.9	0.0	142.91	3300.00
* 26.970	16440.	2677.1	2.7	19.8	0.0	330.09	3300.00
* 26.970	22230.	2679.1	1.9	18.9	0.0	368.62	3300.00
* 26.970	42685.	2683.7	4.6	13.3	0.0	383.39	3300.00
27.480	7500.	2692.4	0.0	18.0	0.0	291.04	2620.00
27.480	16305.	2699.6	7.2	22.5	0.0	539.72	2620.00
27.480	22045.	2701.4	1.9	22.4	0.0	579.42	2620.00
27.480	42330.	2706.8	5.4	23.1	0.0	585.00	2620.00
27.480	7500.	2692.6	0.0	0.2	0.0	310.78	34.00
27.480	16305.	2699.7	7.1	0.1	0.0	542.62	34.00
27.480	22045.	2701.5	1.9	0.1	0.0	579.57	34.00
27.480	42330.	2706.9	5.3	0.1	0.0	585.00	34.00
28.180	7415.	2709.2	0.0	16.6	0.0	349.06	3685.00
28.180	16115.	2711.3	2.1	11.6	0.0	356.90	3685.00
28.180	21790.	2712.6	1.3	11.0	0.0	361.77	3685.00
28.180	41840.	2716.2	3.6	9.3	0.0	494.91	3685.00
28.500	7375.	2719.4	0.0	10.3	0.0	93.44	1640.00
28.500	16030.	2723.7	4.3	12.4	0.0	416.94	1640.00
28.500	21670.	2725.3	1.6	12.7	0.0	509.70	1640.00
28.500	41615.	2729.4	4.1	13.2	0.0	534.51	1640.00
28.810	7335.	2725.7	0.0	6.2	0.0	83.68	890.00
28.810	15945.	2733.9	8.2	10.2	0.0	450.67	890.00
28.810	21560.	2736.4	2.6	11.1	0.0	522.73	890.00
28.810	41400.	2741.1	4.6	11.6	0.0	542.89	890.00
28.810	7335.	2726.3	0.0	0.7	0.0	86.47	34.00
28.810	15945.	2735.5	9.2	1.7	0.0	514.79	34.00
28.810	21560.	2737.3	1.8	0.8	0.0	526.44	34.00
28.810	41400.	2741.6	4.3	0.6	0.0	545.31	34.00
28.970	7315.	2731.9	0.0	5.6	0.0	97.03	1690.00
28.970	15900.	2739.8	7.9	4.3	0.0	171.78	1690.00
28.970	21500.	2741.8	2.0	4.5	0.0	190.84	1690.00
28.970	41285.	2746.5	4.8	4.9	0.0	216.00	1690.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
* 29.890	7200.	2756.3	0.0	24.4	0.0	156.34	4800.00
29.890	15655.	2759.4	3.1	19.6	0.0	331.46	4800.00
* 29.890	21165.	2760.8	1.4	19.0	0.0	372.16	4800.00
29.890	40645.	2763.3	7.6	21.8	0.0	465.70	4800.00
30.600	7110.	2785.3	0.0	28.9	0.0	243.86	3810.00
30.600	15460.	2787.6	2.3	28.2	0.0	469.97	3810.00
30.600	20905.	2788.7	1.1	27.9	0.0	527.42	3810.00
* 30.600	40145.	2791.1	2.4	22.8	0.0	942.27	3810.00
* 30.920	7070.	2798.2	0.0	13.0	0.0	105.04	1600.00
* 30.920	15375.	2801.9	3.7	14.3	0.0	133.76	1600.00
* 30.920	20785.	2804.3	2.4	15.6	0.0	299.29	1600.00
* 30.920	39920.	2809.5	5.2	18.4	0.0	516.42	1600.00
31.240	7020.	2812.5	0.0	14.2	0.0	193.42	1630.00
31.240	15290.	2819.9	7.4	18.0	0.0	525.99	1630.00
31.240	20670.	2822.5	2.7	18.2	0.0	604.35	1630.00
31.240	39700.	2826.8	4.2	17.3	0.0	650.00	1630.00
31.240	7030.	2812.5	0.0	0.1	0.0	196.32	34.00
31.240	15290.	2820.0	7.5	0.2	0.0	531.33	34.00
31.240	20670.	2822.7	2.7	0.2	0.0	607.47	34.00
31.240	39700.	2826.9	4.2	0.2	0.0	650.00	34.00
* 31.710	6975.	2826.6	0.0	14.1	0.0	113.06	2515.00
* 31.710	15165.	2830.8	4.2	10.8	0.0	468.04	2515.00
31.710	20500.	2832.1	1.3	9.4	0.0	553.09	2515.00
31.710	39370.	2835.7	3.5	8.7	0.0	1009.82	2515.00
32.360	5835.	2861.7	0.0	35.1	0.0	376.68	3450.00
32.360	12695.	2863.5	1.8	32.7	0.0	633.74	3450.00
* 32.360	17160.	2864.6	1.1	32.5	0.0	726.39	3450.00
* 32.360	32950.	2867.2	2.6	31.5	0.0	963.95	3450.00
32.770	5700.	2877.1	0.0	15.4	0.0	592.00	2230.00
32.770	12395.	2879.9	2.8	16.4	0.0	774.09	2230.00
32.770	16760.	2881.1	1.1	16.5	0.0	796.21	2230.00
32.770	32180.	2884.1	3.0	16.9	0.0	931.89	2230.00
33.580	5435.	2925.9	0.0	48.8	0.0	82.65	4410.00
* 33.580	11810.	2930.0	4.0	50.0	0.0	513.75	4410.00
* 33.580	15970.	2932.3	2.3	51.2	0.0	635.00	4410.00
* 33.580	30660.	2933.5	1.2	49.4	0.0	725.90	4410.00
33.580	5435.	2926.3	0.0	0.4	0.0	84.24	20.00
33.580	11810.	2931.4	5.1	1.5	0.0	592.34	20.00
33.580	15970.	2932.9	1.5	0.6	0.0	682.84	20.00
33.580	30660.	2935.5	2.6	1.9	0.0	835.00	20.00
33.800	5360.	2934.0	0.0	7.7	0.0	79.64	1160.00
* 33.800	11650.	2938.8	4.8	7.4	0.0	515.79	1160.00
33.800	15755.	2940.1	1.3	7.2	0.0	587.54	1160.00
33.800	30250.	2942.5	2.3	7.0	0.0	734.51	1160.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
* 34.530	5120.	2973.0	0.0	39.0	0.0	156.23	3790.00
* 34.530	11120.	2976.2	3.2	37.4	0.0	350.52	3790.00
* 34.530	15040.	2977.5	1.3	37.4	0.0	355.85	3790.00
* 34.530	28860.	2981.2	3.7	38.8	0.0	493.12	3790.00

### SUMMARY OF ERRORS

CAUTION SECNO= 5.000 PROFILE= 2 CRITICAL DEPTH ASSUMED  
 CAUTION SECNO= 5.000 PROFILE= 3 CRITICAL DEPTH ASSUMED  
 CAUTION SECNO= 5.000 PROFILE= 4 CRITICAL DEPTH ASSUMED  
 CAUTION SECNO= 5.000 PROFILE= 4  
 PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 5.000 PROFILE= 4  
 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 5.980 PROFILE= 1 CRITICAL DEPTH ASSUMED  
 CAUTION SECNO= 5.980 PROFILE= 4 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 8.240 PROFILE= 1  
 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 8.240 PROFILE= 2 CRITICAL DEPTH ASSUMED  
 CAUTION SECNO= 8.240 PROFILE= 3 CRITICAL DEPTH ASSUMED  
 CAUTION SECNO= 8.240 PROFILE= 4 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 9.980 PROFILE= 1  
 WSEL ASSUMED BASED ON MIN DIFF  
 CAUTION SECNO= 9.980 PROFILE= 1  
 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 12.000 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 12.750 PROFILE= 1 CRITICAL DEPTH ASSUMED  
 CAUTION SECNO= 12.750 PROFILE= 1

PROBABLE MINIMUM SPECIFIC ENERGY  
 CAUTION SECNO= 12.750 PROFILE= 1  
 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 12.750 PROFILE= 2 CRITICAL DEPTH ASSUMED  
 CAUTION SECNO= 12.750 PROFILE= 3 CRITICAL DEPTH ASSUMED  
 CAUTION SECNO= 12.750 PROFILE= 4 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 12.750 PROFILE= 2 CRITICAL DEPTH ASSUMED  
 CAUTION SECNO= 12.750 PROFILE= 3 CRITICAL DEPTH ASSUMED  
 CAUTION SECNO= 12.750 PROFILE= 4 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 12.750 PROFILE= 1 CRITICAL DEPTH ASSUMED  
 CAUTION SECNO= 12.750 PROFILE= 3 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 14.720 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 21.300 PROFILE= 1 CRITICAL DEPTH ASSUMED  
 CAUTION SECNO= 21.300 PROFILE= 2 CRITICAL DEPTH ASSUMED  
 CAUTION SECNO= 21.300 PROFILE= 3 CRITICAL DEPTH ASSUMED  
 CAUTION SECNO= 21.300 PROFILE= 4 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 22.850 PROFILE= 3 CRITICAL DEPTH ASSUMED  
 CAUTION SECNO= 22.850 PROFILE= 4 CRITICAL DEPTH ASSUMED



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 HEC2 RELEASE DATED NCV 76 UPDATED JULY1979  
 ERROR CCRR - 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/

CANE RIVER

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	FLLC	FLMIN	Q	CWSEL	CRWS
0.020	0.	0.0	0.0	2022.9	14460.0	2035.34	2034.09
0.020	0.	0.0	0.0	2022.9	31420.0	2039.70	2039.17
0.020	0.	0.0	0.0	2022.9	42490.0	2041.84	0.0
0.020	0.	0.0	0.0	2022.9	81555.0	2047.83	2046.99
0.270	1400.	2050.0	2051.1	2027.0	14455.0	2040.89	0.0
0.270	1400.	2050.0	2051.1	2027.0	31405.0	2045.93	0.0
0.270	1400.	2050.0	2051.1	2027.0	42470.0	2049.80	0.0
0.270	1400.	2050.0	2051.1	2027.0	81520.0	2057.36	0.0
0.270	34.	2050.0	2051.1	2027.0	14455.0	2041.02	0.0
0.270	34.	2050.0	2051.1	2027.0	31405.0	2046.17	0.0
0.270	34.	2050.0	2051.1	2027.0	42470.0	2050.08	0.0
0.270	34.	2050.0	2051.1	2027.0	81520.0	2059.26	0.0
0.970	3575.	0.0	0.0	2037.8	14435.0	2051.27	0.0
0.970	3575.	0.0	0.0	2037.8	31365.0	2057.66	0.0
0.970	3575.	0.0	0.0	2037.8	42415.0	2062.43	0.0
0.970	3575.	0.0	0.0	2037.8	81425.0	2072.20	0.0
1.550	3170.	0.0	0.0	2049.0	14415.0	2060.24	0.0
1.550	3170.	0.0	0.0	2049.0	31335.0	2065.83	0.0
1.550	3170.	0.0	0.0	2049.0	42370.0	2068.34	0.0
1.550	3170.	0.0	0.0	2049.0	81340.0	2076.92	0.0
2.000	2350.	0.0	0.0	2057.0	14405.0	2067.16	0.0
2.000	2350.	0.0	0.0	2057.0	31310.0	2072.04	0.0
2.000	2350.	0.0	0.0	2057.0	42335.0	2074.92	0.0
2.000	2350.	0.0	0.0	2057.0	81280.0	2083.57	0.0
2.750	4000.	0.0	0.0	2067.9	14380.0	2084.44	0.0
2.750	4000.	0.0	0.0	2067.9	31270.0	2089.12	0.0
2.750	4000.	0.0	0.0	2067.9	42280.0	2091.22	0.0
2.750	4000.	0.0	0.0	2067.9	81170.0	2096.86	0.0
3.520	4100.	2111.4	2110.5	2087.4	14360.0	2101.69	0.0
3.520	4100.	2111.4	2110.5	2087.4	31225.0	2114.43	0.0
3.520	4100.	2111.4	2110.5	2087.4	42220.0	2118.23	0.0
3.520	4100.	2111.4	2110.5	2087.4	81065.0	2128.17	0.0

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS
3.520	23.	2111.4	2110.5	2087.4	14360.0	2101.79	0.0
3.520	23.	2111.4	2110.5	2087.4	31225.0	2114.54	0.0
3.520	23.	2111.4	2110.5	2087.4	42220.0	2118.33	0.0
3.520	23.	2111.4	2110.5	2087.4	81065.0	2128.25	0.0
4.220	3665.	0.0	0.0	2103.9	13930.0	2113.75	0.0
4.220	3665.	0.0	0.0	2103.9	30275.0	2121.65	0.0
4.220	3665.	0.0	0.0	2103.9	40935.0	2124.46	0.0
4.220	3665.	0.0	0.0	2103.9	78600.0	2132.70	0.0
5.000	4100.	0.0	0.0	2118.8	13930.0	2131.64	0.0
* 5.000	4100.	0.0	0.0	2118.8	30275.0	2133.08	2133.08
* 5.000	4100.	0.0	0.0	2118.8	40935.0	2136.13	2136.13
* 5.000	4100.	0.0	0.0	2118.8	78600.0	2142.90	2142.90
5.140	730.	2143.1	2139.4	2121.8	13845.0	2133.84	0.0
5.140	730.	2143.1	2139.4	2121.8	30090.0	2142.46	0.0
5.140	730.	2143.1	2139.4	2121.8	40690.0	2146.36	0.0
5.140	730.	2143.1	2139.4	2121.8	48125.0	2152.76	0.0
5.140	31.	2143.1	2139.4	2121.8	13845.0	2134.03	0.0
5.140	31.	2143.1	2139.4	2121.8	30090.0	2142.82	0.0
5.140	31.	2143.1	2139.4	2121.8	40690.0	2146.96	0.0
5.140	31.	2143.1	2139.4	2121.8	48125.0	2152.87	0.0
* 5.980	4570.	0.0	0.0	2144.9	13765.0	2158.61	2158.61
5.980	4570.	0.0	0.0	2144.9	29925.0	2166.25	0.0
5.980	4570.	0.0	0.0	2144.9	40460.0	2168.73	0.0
* 5.980	4570.	0.0	0.0	2144.9	77690.0	2174.10	2174.10
6.600	3150.	0.0	0.0	2164.2	13710.0	2179.33	0.0
6.600	3150.	0.0	0.0	2164.2	29800.0	2182.75	0.0
6.600	3150.	0.0	0.0	2164.2	40295.0	2185.74	0.0
6.600	3150.	0.0	0.0	2164.2	77370.0	2195.63	0.0
6.930	1700.	2193.6	2190.0	2174.0	13680.0	2187.28	0.0
6.930	1700.	2193.6	2190.0	2174.0	29735.0	2199.40	0.0
6.930	1700.	2193.6	2190.0	2174.0	40205.0	2202.14	0.0
6.930	1700.	2193.6	2190.0	2174.0	77195.0	2209.68	0.0
6.930	30.	2193.6	2190.0	2174.0	13680.0	2187.46	0.0
6.930	30.	2193.6	2190.0	2174.0	29735.0	2199.79	0.0
6.930	30.	2193.6	2190.0	2174.0	40205.0	2202.59	0.0
6.930	30.	2193.6	2190.0	2174.0	77195.0	2210.29	0.0
7.380	2370.	0.0	0.0	2186.6	13635.0	2195.65	0.0
7.380	2370.	0.0	0.0	2186.6	29645.0	2204.67	0.0
7.380	2370.	0.0	0.0	2186.6	40085.0	2207.43	0.0
7.380	2370.	0.0	0.0	2186.6	76965.0	2214.78	0.0
* 8.240	4360.	0.0	0.0	2210.9	13560.0	2221.19	2219.4
* 8.240	4360.	0.0	0.0	2210.9	29475.0	2223.76	2223.76
8.240	4360.	0.0	0.0	2210.9	39855.0	2226.05	2226.05
8.240	4360.	0.0	0.0	2210.9	76520.0	2233.00	2233.00

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS
9.310	5680.	0.0	0.0	2243.6	13460.0	2258.94	0.0
9.310	5680.	0.0	0.0	2243.6	29260.0	2266.29	2260.69
9.310	5680.	0.0	0.0	2243.6	39565.0	2269.02	0.0
9.310	5680.	0.0	0.0	2243.6	75965.0	2276.39	0.0
* 9.980	3570.	2285.8	2283.0	2266.0	12600.0	2283.00	2275.65
9.980	3570.	2285.8	2283.0	2266.0	27385.0	2290.86	0.0
9.980	3570.	2285.8	2283.0	2266.0	37025.0	2293.80	0.0
9.980	3570.	2285.8	2283.0	2266.0	71080.0	2302.20	0.0
9.980	36.	2285.8	2283.0	2266.0	12600.0	2283.18	0.0
9.980	36.	2285.8	2283.0	2266.0	27385.0	2291.51	0.0
9.980	36.	2285.8	2283.0	2266.0	37025.0	2294.43	0.0
9.980	36.	2285.8	2283.0	2266.0	71080.0	2302.84	0.0
11.230	6465.	2337.0	2335.3	2314.5	12480.0	2326.72	0.0
11.230	6465.	2337.0	2335.3	2314.5	27130.0	2344.74	0.0
11.230	6465.	2337.0	2335.3	2314.5	36680.0	2347.11	0.0
11.230	6465.	2337.0	2335.3	2314.5	70420.0	2353.36	0.0
11.230	37.	2337.0	2335.3	2314.5	12480.0	2327.58	0.0
11.230	37.	2337.0	2335.3	2314.5	27130.0	2345.02	0.0
11.230	37.	2337.0	2335.3	2314.5	36680.0	2347.46	0.0
11.230	37.	2337.0	2335.3	2314.5	70420.0	2353.91	0.0
* 12.000	4100.	0.0	0.0	2345.0	12410.0	2355.87	2355.87
12.000	4100.	0.0	0.0	2345.0	26975.0	2364.00	0.0
12.000	4100.	0.0	0.0	2345.0	36465.0	2367.03	0.0
12.000	4100.	0.0	0.0	2345.0	70015.0	2374.78	0.0
12.260	1545.	0.0	0.0	2347.5	12385.0	2362.66	0.0
12.260	1545.	0.0	0.0	2347.5	26920.0	2369.54	0.0
12.260	1545.	0.0	0.0	2347.5	36395.0	2372.90	0.0
12.260	1545.	0.0	0.0	2347.5	69875.0	2381.85	0.0
* 12.750	2570.	0.0	0.0	2363.0	12335.0	2372.68	2372.61
* 12.750	2570.	0.0	0.0	2363.0	26820.0	2377.38	2377.31
* 12.750	2570.	0.0	0.0	2363.0	36260.0	2379.94	2379.94
* 12.750	2570.	0.0	0.0	2363.0	69620.0	2387.02	2387.01
12.750	100.	0.0	0.0	2363.0	12335.0	2373.63	0.0
* 12.750	100.	0.0	0.0	2363.0	26820.0	2379.29	2379.29
* 12.750	100.	0.0	0.0	2363.0	36260.0	2381.72	2381.72
* 12.750	100.	0.0	0.0	2363.0	69620.0	2389.36	2389.36
* 12.750	1.	2380.1	2379.4	2363.9	12335.0	2373.94	2373.94
12.750	1.	2380.1	2379.4	2363.9	26820.0	2378.88	2378.51
* 12.750	1.	2380.1	2379.4	2363.9	36260.0	2385.39	2385.39
12.750	1.	2380.1	2379.4	2363.9	69620.0	2395.18	0.0
12.750	30.	2380.1	2379.4	2363.9	12335.0	2375.64	0.0
12.750	30.	2380.1	2379.4	2363.9	26820.0	2379.86	2378.31
12.750	30.	2380.1	2379.4	2363.9	36260.0	2386.69	0.0
12.750	30.	2380.1	2379.4	2363.9	69620.0	2395.36	0.0

SECNO	XLCH	ELTRD	FLLC	ELMIN	Q	CWSEL	CRWS
12.750	1.	0.0	0.0	2363.0	12335.0	2376.49	0.0
12.750	1.	0.0	0.0	2363.0	26820.0	2385.53	0.0
12.750	1.	0.0	0.0	2363.0	36260.0	2387.69	0.0
12.750	1.	0.0	0.0	2363.0	69620.0	2394.78	0.0
12.750	25.	0.0	0.0	2363.0	12335.0	2377.44	0.0
12.750	25.	0.0	0.0	2363.0	26820.0	2386.32	0.0
12.750	25.	0.0	0.0	2363.0	36260.0	2388.82	0.0
12.750	25.	0.0	0.0	2363.0	69620.0	2396.62	0.0
13.440	3670.	2405.0	2411.0	2379.1	12270.0	2388.17	0.0
13.440	3670.	2405.0	2411.0	2379.1	26680.0	2393.35	0.0
13.440	3670.	2405.0	2411.0	2379.1	36070.0	2397.08	0.0
13.440	3670.	2405.0	2411.0	2379.1	69255.0	2408.07	0.0
13.440	35.	2405.0	2411.0	2379.1	12270.0	2389.60	0.0
13.440	35.	2405.0	2411.0	2379.1	26680.0	2395.37	0.0
13.440	35.	2405.0	2411.0	2379.1	36070.0	2398.58	0.0
13.440	35.	2405.0	2411.0	2379.1	69255.0	2409.75	0.0
14.130	3545.	0.0	0.0	2393.9	12205.0	2408.08	0.0
14.130	3545.	0.0	0.0	2393.9	26540.0	2414.67	0.0
14.130	3545.	0.0	0.0	2393.9	35880.0	2417.90	0.0
14.130	3545.	0.0	0.0	2393.9	68890.0	2430.35	2418.2
14.730	3200.	0.0	0.0	2405.2	12150.0	2416.24	0.0
14.730	3200.	0.0	0.0	2405.2	26420.0	2422.05	0.0
14.730	3200.	0.0	0.0	2405.2	35715.0	2425.16	0.0
14.730	3200.	0.0	0.0	2405.2	68575.0	2435.68	0.0
* 14.730	60.	0.0	0.0	2409.8	12150.0	2416.73	2416.7
14.730	60.	0.0	0.0	2409.8	26420.0	2422.05	0.0
14.730	60.	0.0	0.0	2409.8	35715.0	2425.21	0.0
14.730	60.	0.0	0.0	2409.8	68575.0	2436.28	0.0
14.730	15.	0.0	0.0	2409.8	12150.0	2417.79	0.0
14.730	15.	0.0	0.0	2409.8	26420.0	2422.36	0.0
14.730	15.	0.0	0.0	2409.8	35715.0	2425.40	0.0
14.730	15.	0.0	0.0	2409.8	68575.0	2436.34	0.0
14.730	15.	0.0	0.0	2407.0	12150.0	2418.62	0.0
14.730	15.	0.0	0.0	2407.0	26420.0	2422.92	0.0
14.730	15.	0.0	0.0	2407.0	35715.0	2425.49	0.0
14.730	15.	0.0	0.0	2407.0	68575.0	2436.24	0.0
15.190	2530.	0.0	0.0	2416.8	12105.0	2427.17	0.0
15.190	2530.	0.0	0.0	2416.8	26325.0	2432.65	0.0
15.190	2530.	0.0	0.0	2416.8	35585.0	2435.28	0.0
15.190	2530.	0.0	0.0	2416.8	68330.0	2442.90	2441.8
15.870	3500.	0.0	0.0	2428.5	12045.0	2442.25	0.0
15.870	3500.	0.0	0.0	2428.5	26190.0	2447.68	0.0
15.870	3500.	0.0	0.0	2428.5	35400.0	2450.60	0.0
15.870	3500.	0.0	0.0	2428.5	67970.0	2458.68	0.0

SECNO	XLCH	ELTRC	ELLC	ELMIN	Q	CWSEL	CRWS
16.200	1680.	2453.2	2452.8	2434.4	12010.0	2447.40	0.0
16.200	1680.	2453.2	2452.8	2434.4	26120.0	2456.06	0.0
16.200	1680.	2453.2	2452.8	2434.4	35310.0	2459.35	0.0
16.200	1680.	2453.2	2452.8	2434.4	67800.0	2467.77	0.0
16.200	30.	2453.2	2452.8	2434.4	12010.0	2447.60	0.0
16.200	30.	2453.2	2452.8	2434.4	26120.0	2456.89	0.0
16.200	30.	2453.2	2452.8	2434.4	35310.0	2459.94	0.0
16.200	30.	2453.2	2452.8	2434.4	67800.0	2468.15	0.0
16.970	4180.	0.0	0.0	2441.9	11940.0	2457.47	0.0
16.970	4180.	0.0	0.0	2441.9	25965.0	2466.47	0.0
16.970	4180.	0.0	0.0	2441.9	35095.0	2468.99	0.0
16.970	4180.	0.0	0.0	2441.9	67390.0	2475.38	0.0
17.460	2550.	0.0	0.0	2453.9	11895.0	2463.78	2462.95
17.460	2550.	0.0	0.0	2453.9	25865.0	2470.04	0.0
17.460	2550.	0.0	0.0	2453.9	34960.0	2473.32	0.0
17.460	2550.	0.0	0.0	2453.9	67135.0	2482.33	0.0
17.770	1650.	0.0	0.0	2456.8	11865.0	2469.73	0.0
17.770	1650.	0.0	0.0	2456.8	25800.0	2473.50	0.0
17.770	1650.	0.0	0.0	2456.8	34875.0	2476.00	0.0
17.770	1650.	0.0	0.0	2456.8	66970.0	2484.14	0.0
18.270	2570.	0.0	0.0	2461.0	11815.0	2473.96	0.0
18.270	2570.	0.0	0.0	2461.0	25700.0	2478.56	0.0
18.270	2570.	0.0	0.0	2461.0	34740.0	2480.80	0.0
18.270	2570.	0.0	0.0	2461.0	66705.0	2487.83	0.0
18.270	100.	0.0	0.0	2461.0	11815.0	2474.04	0.0
18.270	100.	0.0	0.0	2461.0	25700.0	2479.31	0.0
18.270	100.	0.0	0.0	2461.0	34740.0	2481.98	0.0
18.270	100.	0.0	0.0	2461.0	66705.0	2489.05	0.0
18.270	1.	2483.7	2480.0	2461.5	11815.0	2473.92	0.0
18.270	1.	2483.7	2480.0	2461.5	25700.0	2479.22	0.0
18.270	1.	2483.7	2480.0	2461.5	34740.0	2482.30	0.0
18.270	1.	2483.7	2480.0	2461.5	66705.0	2489.60	0.0
18.270	19.	2483.7	2480.0	2461.5	11815.0	2474.08	0.0
18.270	19.	2483.7	2480.0	2461.5	25700.0	2479.42	0.0
18.270	19.	2483.7	2480.0	2461.5	34740.0	2482.39	0.0
18.270	19.	2483.7	2480.0	2461.5	66705.0	2489.64	0.0
18.270	1.	0.0	0.0	2461.0	11815.0	2474.57	0.0
18.270	1.	0.0	0.0	2461.0	25700.0	2479.63	0.0
18.270	1.	0.0	0.0	2461.0	34740.0	2482.28	0.0
18.270	1.	0.0	0.0	2461.0	66705.0	2489.42	0.0
18.270	25.	0.0	0.0	2461.0	11815.0	2475.13	0.0
18.270	25.	0.0	0.0	2461.0	25700.0	2479.98	0.0
18.270	25.	0.0	0.0	2461.0	34740.0	2482.33	0.0
18.270	25.	0.0	0.0	2461.0	66705.0	2489.43	0.0

SECO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS
19.080	4275.	0.0	0.0	2472.9	10580.0	2482.73	0.0
19.080	4275.	0.0	0.0	2472.9	23000.0	2485.98	0.0
19.080	4275.	0.0	0.0	2472.9	31095.0	2487.68	0.0
19.080	4275.	0.0	0.0	2472.9	59710.0	2493.29	0.0
19.780	3750.	0.0	0.0	2481.1	10305.0	2491.42	0.0
19.780	3750.	0.0	0.0	2481.1	22385.0	2494.51	0.0
19.780	3750.	0.0	0.0	2481.1	30260.0	2495.88	0.0
19.780	3750.	0.0	0.0	2481.1	58105.0	2499.12	2498.5
20.250	2550.	0.0	0.0	2486.0	10115.0	2498.91	0.0
20.250	2550.	0.0	0.0	2486.0	21970.0	2503.57	0.0
20.250	2550.	0.0	0.0	2486.0	29700.0	2505.88	0.0
20.250	2550.	0.0	0.0	2486.0	57030.0	2512.16	0.0
20.960	3770.	0.0	0.0	2502.1	9830.0	2510.59	0.0
20.960	3770.	0.0	0.0	2502.1	21340.0	2514.99	0.0
20.960	3770.	0.0	0.0	2502.1	28855.0	2517.24	0.0
20.960	3770.	0.0	0.0	2502.1	55405.0	2523.95	0.0
* 21.300	1790.	0.0	0.0	2509.5	7695.0	2516.61	2516.6
* 21.300	1790.	0.0	0.0	2509.5	21040.0	2521.65	2521.6
* 21.300	1790.	0.0	0.0	2509.5	28450.0	2523.80	2523.8
* 21.300	1790.	0.0	0.0	2509.5	54630.0	2530.33	2530.3
21.520	1130.	0.0	0.0	2510.0	9610.0	2523.42	0.0
21.520	1130.	0.0	0.0	2510.0	20850.0	2530.16	0.0
21.520	1130.	0.0	0.0	2510.0	28185.0	2533.10	0.0
21.520	1130.	0.0	0.0	2510.0	54125.0	2541.51	0.0
21.520	1.	2534.0	2529.3	2509.4	9610.0	2523.38	0.0
21.520	1.	2534.0	2529.3	2509.4	20850.0	2530.08	0.0
21.520	1.	2534.0	2529.3	2509.4	28185.0	2532.81	0.0
21.520	1.	2534.0	2529.3	2509.4	54125.0	2542.61	0.0
21.520	30.	2534.0	2529.3	2509.4	9610.0	2523.55	0.0
21.520	30.	2534.0	2529.3	2509.4	20850.0	2530.42	0.0
21.520	30.	2534.0	2529.3	2509.4	28185.0	2533.43	0.0
21.520	30.	2534.0	2529.3	2509.4	54125.0	2542.82	0.0
21.520	1.	0.0	0.0	2510.0	9610.0	2523.80	0.0
21.520	1.	0.0	0.0	2510.0	20850.0	2531.03	0.0
21.520	1.	0.0	0.0	2510.0	28185.0	2535.55	0.0
21.520	1.	0.0	0.0	2510.0	54125.0	2542.33	0.0
22.050	2990.	0.0	0.0	2520.0	9400.0	2528.43	2528.2
22.050	2990.	0.0	0.0	2520.0	20380.0	2534.42	0.0
22.050	2990.	0.0	0.0	2520.0	27555.0	2538.06	0.0
22.050	2990.	0.0	0.0	2520.0	52910.0	2544.94	0.0
22.850	4150.	0.0	0.0	2539.0	9080.0	2548.28	0.0
22.850	4150.	0.0	0.0	2539.0	19675.0	2551.51	2550.2
22.850	4150.	0.0	0.0	2539.0	26600.0	2552.97	2552.2
22.850	4150.	0.0	0.0	2539.0	51080.0	2559.36	0.0

	SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS
	22.850	100.	0.0	0.0	2539.0	9080.0	2548.49	0.0
	22.850	100.	0.0	0.0	2539.0	19675.0	2551.62	0.0
	22.850	100.	0.0	0.0	2539.0	26600.0	2552.98	2552.9
*	22.850	100.	0.0	0.0	2539.0	51080.0	2559.37	2559.3
	22.850	10.	2541.3	2540.1	2539.0	9080.0	2565.97	0.0
	22.850	10.	2541.3	2540.1	2539.0	19675.0	2572.71	0.0
	22.850	10.	2541.3	2540.1	2539.0	26600.0	2576.10	0.0
	22.850	10.	2541.3	2540.1	2539.0	51080.0	2585.69	0.0
	22.850	25.	0.0	0.0	2543.7	9080.0	2565.84	0.0
	22.850	25.	0.0	0.0	2543.7	19675.0	2572.49	0.0
	22.850	25.	0.0	0.0	2543.7	26600.0	2575.83	0.0
	22.850	25.	0.0	0.0	2543.7	51080.0	2585.32	0.0
	23.350	2665.	0.0	0.0	2556.5	8880.0	2566.92	0.0
	23.350	2665.	0.0	0.0	2556.5	19235.0	2573.52	0.0
	23.350	2665.	0.0	0.0	2556.5	26005.0	2576.79	0.0
	23.350	2665.	0.0	0.0	2556.5	49935.0	2585.88	0.0
	24.140	4160.	0.0	0.0	2574.5	8565.0	2588.97	2586.3
	24.140	4160.	0.0	0.0	2574.5	18540.0	2592.39	2591.2
	24.140	4160.	0.0	0.0	2574.5	25065.0	2594.73	2593.9
	24.140	4160.	0.0	0.0	2574.5	48130.0	2601.92	2601.6
	24.480	1710.	0.0	0.0	2589.6	7875.0	2596.94	0.0
	24.480	1710.	0.0	0.0	2589.6	17110.0	2601.93	0.0
	24.480	1710.	0.0	0.0	2589.6	23140.0	2604.67	0.0
	24.480	1710.	0.0	0.0	2589.6	44430.0	2611.14	0.0
*	24.480	1.	2595.0	2594.8	2589.3	7875.0	2597.61	2597.6
	24.480	1.	2595.0	2594.8	2589.3	17110.0	2601.24	0.0
	24.480	1.	2595.0	2594.8	2589.3	23140.0	2604.20	0.0
	24.480	1.	2595.0	2594.8	2589.3	44430.0	2610.92	0.0
	24.480	10.	2595.0	2594.8	2589.3	7875.0	2598.67	0.0
	24.480	10.	2595.0	2594.8	2589.3	17110.0	2601.82	0.0
	24.480	10.	2595.0	2594.8	2589.3	23140.0	2604.43	0.0
	24.480	10.	2595.0	2594.8	2589.3	44430.0	2611.05	0.0
	24.480	1.	0.0	0.0	2589.6	7875.0	2599.64	0.0
	24.480	1.	0.0	0.0	2589.6	17110.0	2603.24	0.0
	24.480	1.	0.0	0.0	2589.6	23140.0	2605.56	0.0
	24.480	1.	0.0	0.0	2589.6	44430.0	2611.70	0.0
*	25.140	3480.	0.0	0.0	2602.6	7795.0	2616.11	2616.1
*	25.140	3480.	0.0	0.0	2602.6	16935.0	2622.75	2622.7
*	25.140	3480.	0.0	0.0	2602.6	22900.0	2626.21	2626.2
*	25.140	3480.	0.0	0.0	2602.6	43970.0	2636.74	2636.7
*	25.310	895.	0.0	0.0	2610.2	7775.0	2623.70	2623.7
*	25.310	895.	0.0	0.0	2610.2	16890.0	2630.34	2630.3
	25.310	895.	0.0	0.0	2610.2	22835.0	2633.82	2633.8
	25.310	895.	0.0	0.0	2610.2	43850.0	2644.37	2644.2

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS
* 25.340	160.	0.0	0.0	2620.0	7770.0	2633.49	2633.4
25.340	160.	0.0	0.0	2620.0	16880.0	2640.13	2640.1
* 25.340	160.	0.0	0.0	2620.0	22825.0	2643.61	2643.6
* 25.340	160.	0.0	0.0	2620.0	43825.0	2654.15	2654.1
26.050	3775.	0.0	0.0	2639.7	7680.0	2649.17	0.0
26.050	3775.	0.0	0.0	2639.7	16690.0	2654.89	0.0
26.050	3775.	0.0	0.0	2639.7	22565.0	2658.43	0.0
26.050	3775.	0.0	0.0	2639.7	43330.0	2669.03	0.0
* 26.050	40.	0.0	0.0	2644.4	7680.0	2649.92	2649.9
26.050	40.	0.0	0.0	2644.4	16690.0	2655.04	0.0
26.050	40.	0.0	0.0	2644.4	22565.0	2658.83	0.0
26.050	40.	0.0	0.0	2644.4	43330.0	2669.57	0.0
26.050	15.	0.0	0.0	2644.4	7680.0	2650.62	0.0
26.050	15.	0.0	0.0	2644.4	16690.0	2655.08	0.0
26.050	15.	0.0	0.0	2644.4	22565.0	2658.84	0.0
26.050	15.	0.0	0.0	2644.4	43330.0	2669.58	0.0
26.050	10.	0.0	0.0	2639.7	7680.0	2651.39	0.0
26.050	10.	0.0	0.0	2639.7	16690.0	2655.19	0.0
26.050	10.	0.0	0.0	2639.7	22565.0	2658.80	0.0
26.050	10.	0.0	0.0	2639.7	43330.0	2669.49	0.0
26.370	1665.	0.0	0.0	2648.3	7640.0	2653.55	2653.4
26.370	1665.	0.0	0.0	2648.3	16600.0	2657.36	0.0
26.370	1665.	0.0	0.0	2648.3	22450.0	2660.20	0.0
26.370	1665.	0.0	0.0	2648.3	43105.0	2670.33	0.0
26.970	3300.	0.0	0.0	2662.3	7565.0	2674.41	0.0
* 26.970	3300.	0.0	0.0	2662.3	16440.0	2677.13	2677.1
* 26.970	3300.	0.0	0.0	2662.3	22230.0	2679.05	2679.0
* 26.970	3300.	0.0	0.0	2662.3	42685.0	2683.67	2683.6
27.480	2620.	2694.6	2689.7	2677.0	7500.0	2692.42	0.0
27.480	2620.	2694.6	2689.7	2677.0	16305.0	2699.58	0.0
27.480	2620.	2694.6	2689.7	2677.0	22045.0	2701.44	0.0
27.480	2620.	2694.6	2689.7	2677.0	42330.0	2706.79	0.0
27.480	34.	2694.6	2689.7	2677.0	7500.0	2692.59	0.0
27.480	34.	2694.6	2689.7	2677.0	16305.0	2699.68	0.0
27.480	34.	2694.6	2689.7	2677.0	22045.0	2701.53	0.0
27.480	34.	2694.6	2689.7	2677.0	42330.0	2706.88	0.0
28.180	3685.	0.0	0.0	2702.7	7415.0	2709.17	0.0
28.180	3685.	0.0	0.0	2702.7	16115.0	2711.27	0.0
28.180	3685.	0.0	0.0	2702.7	21790.0	2712.58	0.0
28.180	3685.	0.0	0.0	2702.7	41840.0	2716.20	0.0
28.500	1640.	0.0	0.0	2705.5	7375.0	2719.45	0.0
28.500	1640.	0.0	0.0	2705.5	16030.0	2723.71	2720.0
28.500	1640.	0.0	0.0	2705.5	21670.0	2725.32	2723.6
28.500	1640.	0.0	0.0	2705.5	41615.0	2729.44	0.0



SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS
28.810	890.	2732.5	2731.8	2715.3	7335.0	2725.66	0.0
28.810	890.	2732.5	2731.8	2715.3	15945.0	2733.87	2728.72
28.810	890.	2732.5	2731.8	2715.3	21560.0	2736.44	0.0
28.810	890.	2732.5	2731.8	2715.3	41400.0	2741.06	0.0
28.810	34.	2732.5	2731.8	2715.3	7335.0	2726.34	0.0
28.810	34.	2732.5	2731.8	2715.3	15945.0	2735.53	0.0
28.810	34.	2732.5	2731.8	2715.3	21560.0	2737.28	0.0
28.810	34.	2732.5	2731.8	2715.3	41400.0	2741.62	0.0
28.970	1690.	0.0	0.0	2718.4	7315.0	2731.89	0.0
28.970	1690.	0.0	0.0	2718.4	15900.0	2739.81	0.0
28.970	1690.	0.0	0.0	2718.4	21500.0	2741.77	0.0
28.970	1690.	0.0	0.0	2718.4	41285.0	2746.52	2744.50
* 29.890	4800.	0.0	0.0	2750.4	7200.0	2756.34	2756.34
* 29.890	4800.	0.0	0.0	2750.4	15655.0	2759.39	2759.39
* 29.890	4800.	0.0	0.0	2750.4	21165.0	2760.76	2760.76
29.890	4800.	0.0	0.0	2750.4	40645.0	2768.32	0.0
30.600	3810.	0.0	0.0	2779.3	7110.0	2785.26	0.0
30.600	3810.	0.0	0.0	2779.3	15460.0	2787.56	0.0
30.600	3810.	0.0	0.0	2779.3	20905.0	2788.70	0.0
* 30.600	3810.	0.0	0.0	2779.3	40145.0	2791.10	2791.10
* 30.920	1600.	0.0	0.0	2792.0	7070.0	2798.22	2798.22
* 30.920	1600.	0.0	0.0	2792.0	15375.0	2801.90	2801.90
* 30.920	1600.	0.0	0.0	2792.0	20785.0	2804.30	2804.30
* 30.920	1670.	0.0	0.0	2792.0	39920.0	2809.45	2809.45
31.240	1630.	2820.0	2819.0	2800.2	7030.0	2812.45	0.0
31.240	1630.	2820.0	2819.0	2800.2	15290.0	2819.89	0.0
31.240	1630.	2820.0	2819.0	2800.2	20670.0	2822.54	0.0
31.240	1630.	2820.0	2819.0	2800.2	39700.0	2826.77	0.0
31.240	34.	2820.0	2819.0	2800.2	7030.0	2812.55	0.0
31.240	34.	2820.0	2819.0	2800.2	15290.0	2820.05	0.0
31.240	34.	2820.0	2819.0	2800.2	20670.0	2822.70	0.0
31.240	34.	2820.0	2819.0	2800.2	39700.0	2826.94	0.0
* 31.710	2515.	0.0	0.0	2818.5	6975.0	2826.61	2826.61
* 31.710	2515.	0.0	0.0	2818.5	15165.0	2830.81	2830.81
* 31.710	2515.	0.0	0.0	2818.5	20500.0	2832.12	2832.12
31.710	2515.	0.0	0.0	2818.5	39370.0	2835.67	2835.57
32.360	3450.	0.0	0.0	2854.5	5835.0	2861.70	0.0
32.360	3450.	0.0	0.0	2854.5	12695.0	2863.51	2863.41
* 32.360	3450.	0.0	0.0	2854.5	17160.0	2864.58	2864.51
* 32.360	3450.	0.0	0.0	2854.5	32950.0	2867.20	2867.20
32.770	2230.	0.0	0.0	2868.3	5700.0	2877.13	2877.07
32.770	2230.	0.0	0.0	2868.3	12395.0	2879.94	0.0
32.770	2230.	0.0	0.0	2868.3	16760.0	2881.05	0.0
32.770	2230.	0.0	0.0	2868.3	32180.0	2884.09	0.0





FLOODWAY DATA, CANE RIVER  
PROFILE NO. 2

STATION	WIDTH (FT)	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	DIFFERENCE
0.020	300.	3512.	12.1	2042.8	2041.8	1.0
0.270 D.S.	210.	2821.	15.1	2050.4	2049.8	0.6
0.270 U.S.	210.	2844.	14.9	2050.7	2050.1	0.6
C. 970	180.	3215.	13.2	2063.3	2062.4	0.9
1.550	250.	3689.	11.5	2069.2	2068.3	0.9
2.000	350.	4238.	10.0	2074.9	2074.9	0.0
2.750	185.	3151.	13.4	2091.9	2091.2	0.7
3.520 D.S.	200.	4588.	9.2	2119.0	2118.2	0.8
3.520 U.S.	200.	4612.	9.2	2119.1	2118.3	0.8
4.220	300.	4338.	9.4	2125.4	2124.5	0.9
<del>5.000</del>	<del>250.</del>	<del>2164.</del>	<del>18.9</del>	<del>2136.1</del>	<del>2136.1</del>	<del>0.0</del>
5.140 D.S.	250.	3042.	13.4	2146.4	2146.4	0.0
5.140 U.S.	250.	3210.	12.7	2147.0	2147.0	0.0
5.980	160.	2464.	16.4	2169.3	2168.7	0.6
6.600	170.	2425.	16.6	2185.7	2185.7	0.0
6.930 D.S.	215.	3877.	10.4	2203.0	2202.1	0.9
6.930 U.S.	215.	3950.	10.2	2203.3	2202.6	0.7
7.380	200.	3756.	10.7	2208.4	2207.4	1.0
8.240	170.	2018.	19.7	2226.0	2226.0	0.0
9.310	150.	2804.	14.1	2269.4	2269.0	0.4
9.980 D.S.	230.	3378.	11.0	2294.3	2293.8	0.5
9.980 U.S.	230.	3510.	10.5	2294.9	2294.4	0.5
11.230 D.S.	190.	3528.	10.4	2347.8	2347.1	0.7
11.230 U.S.	190.	3591.	10.2	2348.1	2347.5	0.6
<del>12.000</del>	<del>190.</del>	<del>2226.</del>	<del>16.4</del>	<del>2367.1</del>	<del>2367.0</del>	<del>0.1</del>
12.260	185.	3849.	9.5	2372.9	2372.9	0.0
12.750 D.S.	195.	1968.	18.4	2379.9	2379.9	0.0
12.750	195.	2902.	18.1	2381.7	2381.7	0.0
<del>12.750</del>	<del>195.</del>	<del>2873.</del>	<del>17.5</del>	<del>2385.4</del>	<del>2385.4</del>	<del>0.0</del>
<del>12.750</del>	<del>195.</del>	<del>2469.</del>	<del>14.7</del>	<del>2386.5</del>	<del>2386.7</del>	<del>0.2</del>
<del>12.750</del>	<del>195.</del>	<del>3243.</del>	<del>11.2</del>	<del>2388.0</del>	<del>2387.7</del>	<del>0.3</del>
12.750 U.S.	195.	3764.	9.6	2389.1	2388.8	0.3
13.440 D.S.	215.	2106.	17.1	2397.2	2397.1	0.1
13.440 U.S.	215.	2344.	15.4	2398.6	2398.6	0.0
14.130	150.	2873.	12.5	2418.0	2417.9	0.1
14.730 D.S.	170.	2884.	12.4	2425.3	2425.2	0.1
<del>14.730</del>	<del>170.</del>	<del>2385.</del>	<del>15.0</del>	<del>2425.3</del>	<del>2425.2</del>	<del>0.1</del>
<del>14.730</del>	<del>170.</del>	<del>2429.</del>	<del>14.8</del>	<del>2425.5</del>	<del>2425.4</del>	<del>0.1</del>
14.730 U.S.	170.	2673.	13.4	2425.8	2425.5	0.3
15.190	135.	1993.	17.9	2435.3	2435.3	0.0
15.870	150.	2551.	13.9	2450.9	2450.6	0.3
16.200 D.S.	270.	3234.	10.9	2459.5	2459.4	0.1
16.200 U.S.	270.	3396.	10.4	2460.1	2459.9	0.2
16.970	210.	3445.	10.2	2469.6	2469.0	0.6
17.460	450.	5337.	6.6	2473.4	2473.3	0.1
17.770	425.	5737.	6.1	2476.5	2476.0	0.5
18.270 D.S.	600.	5625.	6.2	2481.5	2480.8	0.7
<del>18.270</del>	<del>600.</del>	<del>6222.</del>	<del>5.6</del>	<del>2482.5</del>	<del>2482.0</del>	<del>0.5</del>
<del>18.270</del>	<del>600.</del>	<del>4721.</del>	<del>7.4</del>	<del>2482.6</del>	<del>2482.3</del>	<del>0.3</del>
<del>18.270</del>	<del>600.</del>	<del>4786.</del>	<del>7.3</del>	<del>2482.7</del>	<del>2482.4</del>	<del>0.3</del>

FLOODWAY DATA, CANE RIVER  
PROFILE NO. 2

STATION	WIDTH (FT)	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	DIFFERENCE
0.020	300.	3512.	12.1	2042.8	2041.8	1.0
0.270 D.S.	210.	2821.	15.1	2050.4	2049.8	0.6
0.270 U.S.	210.	2844.	14.9	2050.7	2050.1	0.6
0.970	180.	3215.	13.2	2063.3	2062.4	0.9
1.550	250.	3689.	11.5	2069.2	2068.3	0.9
2.000	350.	4238.	10.0	2074.9	2074.9	0.0
2.750	185.	3151.	13.4	2091.9	2091.2	0.7
3.520 D.S.	200.	4588.	9.2	2119.0	2118.2	0.8
3.520 U.S.	200.	4612.	9.2	2119.1	2118.3	0.8
4.220	300.	4338.	9.4	2125.4	2124.5	0.9
<del>5.000</del>	<del>250.</del>	<del>2164.</del>	<del>18.9</del>	<del>2136.1</del>	<del>2136.1</del>	<del>0.0</del>
5.140 D.S.	250.	3042.	13.4	2146.4	2146.4	0.0
5.140 U.S.	250.	3210.	12.7	2147.0	2147.0	0.0
5.980	160.	2464.	16.4	2169.3	2168.7	0.6
6.600	170.	2425.	16.6	2185.7	2185.7	0.0
6.930 D.S.	215.	3877.	10.4	2203.0	2202.1	0.9
6.930 U.S.	215.	3950.	10.2	2203.3	2202.6	0.7
7.380	200.	3756.	10.7	2208.4	2207.4	1.0
8.240	170.	2018.	19.7	2226.0	2226.0	0.0
9.310	150.	2804.	14.1	2269.4	2269.0	0.4
9.980 D.S.	230.	3378.	11.0	2294.3	2293.8	0.5
9.980 U.S.	230.	3510.	10.5	2294.9	2294.4	0.5
11.230 D.S.	190.	3528.	10.4	2347.8	2347.1	0.7
11.230 U.S.	190.	3591.	10.2	2348.1	2347.5	0.6
<del>12.000</del>	<del>190.</del>	<del>2226.</del>	<del>16.4</del>	<del>2367.1</del>	<del>2367.0</del>	<del>0.1</del>
12.260	185.	3849.	9.5	2372.9	2372.9	0.0
12.750 D.S.	195.	1968.	18.4	2379.9	2379.9	0.0
12.750	195.	2902.	18.1	2381.7	2381.7	0.0
<del>12.750</del>	<del>195.</del>	<del>2973.</del>	<del>17.5</del>	<del>2385.4</del>	<del>2385.4</del>	<del>0.0</del>
<del>12.750</del>	<del>195.</del>	<del>2469.</del>	<del>14.7</del>	<del>2366.9</del>	<del>2366.7</del>	<del>0.2</del>
<del>12.750</del>	<del>195.</del>	<del>3243.</del>	<del>11.2</del>	<del>2380.0</del>	<del>2387.7</del>	<del>0.7</del>
12.750 U.S.	195.	3764.	9.6	2389.1	2388.8	0.3
13.440 D.S.	215.	2106.	17.1	2397.2	2397.1	0.1
13.440 U.S.	215.	2344.	15.4	2398.6	2398.6	0.0
14.130	150.	2873.	12.5	2418.0	2417.9	0.1
14.730 D.S.	170.	2884.	12.4	2425.3	2425.2	0.1
<del>14.730</del>	<del>170.</del>	<del>2385.</del>	<del>15.0</del>	<del>2425.3</del>	<del>2425.2</del>	<del>0.1</del>
<del>14.730</del>	<del>170.</del>	<del>2429.</del>	<del>14.8</del>	<del>2425.5</del>	<del>2425.4</del>	<del>0.1</del>
14.730 U.S.	170.	2673.	13.4	2425.8	2425.5	0.3
15.190	135.	1993.	17.9	2435.3	2435.3	0.0
15.870	150.	2551.	13.9	2450.9	2450.6	0.3
16.200 D.S.	270.	3234.	10.9	2459.5	2459.4	0.1
16.200 U.S.	270.	3396.	10.4	2460.1	2459.9	0.2
16.970	210.	3445.	10.2	2469.6	2469.0	0.6
17.460	450.	5337.	6.6	2473.4	2473.3	0.1
17.770	425.	5737.	6.1	2476.5	2476.0	0.5
18.270 D.S.	600.	5625.	6.2	2481.5	2480.8	0.7
<del>18.270</del>	<del>600.</del>	<del>6222.</del>	<del>5.6</del>	<del>2482.5</del>	<del>2482.0</del>	<del>0.5</del>
<del>18.270</del>	<del>600.</del>	<del>4721.</del>	<del>7.4</del>	<del>2482.6</del>	<del>2482.3</del>	<del>0.3</del>
<del>18.270</del>	<del>600.</del>	<del>4786.</del>	<del>7.3</del>	<del>2482.7</del>	<del>2482.4</del>	<del>0.3</del>

FLOODWAY DATA: CANE RIVER  
 PROFILE NO. 2

STATION	WIDTH (FT)	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
<del>18.270</del>	<del>636.</del>	<del>6332.</del>	<del>5.5</del>	<del>2482.7</del>	<del>2482.3</del>	<del>0.4</del>
18.270 <i>u.s.</i> *	630.	6377.	5.4	2482.8	2482.3	0.5
19.080	650.	5638.	5.5	2488.4	2487.7	0.7
19.780	215.	2552.	11.9	2496.8	2495.9	0.9
20.250	130.	1823.	16.3	2505.9	2505.9	0.0
20.960	300.	3410.	8.5	2517.8	2517.2	0.6
<del>21.330</del>	<del>270.</del>	<del>1516.</del>	<del>18.7</del>	<del>2523.0</del>	<del>2523.0</del>	<del>0.0</del>
21.520 <i>d.s.</i> *	200.	2998.	9.4	2533.1	2533.1	0.0
<del>21.520</del>	<del>200.</del>	<del>1977.</del>	<del>14.3</del>	<del>2532.0</del>	<del>2532.0</del>	<del>0.0</del>
<del>21.520</del>	<del>270.</del>	<del>1988.</del>	<del>14.2</del>	<del>2533.4</del>	<del>2533.4</del>	<del>0.0</del>
21.520 <i>u.s.</i> *	200.	3453.	8.2	2535.5	2535.5	0.0
22.050	100.	1649.	16.7	2538.2	2538.1	0.1
22.850 <i>d.s.</i> *	160.	1697.	15.7	2554.0	2553.0	1.0
<del>22.850</del>	<del>160.</del>	<del>1687.</del>	<del>15.8</del>	<del>2553.9</del>	<del>2553.0</del>	<del>0.9</del>
22.850 <i>u.s.</i> *	160.	5151.	5.2	2576.1	2576.1	0.0
22.850 <i>u.s.</i> *	160.	3517.	7.6	2575.8	2575.8	0.0
23.350	100.	1731.	15.0	2576.8	2576.8	0.0
24.140	120.	1659.	15.1	2595.0	2594.7	0.3
24.480 <i>d.s.</i> *	185.	2394.	9.7	2604.8	2604.7	0.1
<del>24.480</del>	<del>185.</del>	<del>1917.</del>	<del>12.1</del>	<del>2604.3</del>	<del>2604.2</del>	<del>0.1</del>
<del>24.480</del>	<del>185.</del>	<del>1955.</del>	<del>11.8</del>	<del>2604.5</del>	<del>2604.4</del>	<del>0.1</del>
24.480 <i>u.s.</i> *	185.	2554.	9.1	2605.7	2605.6	0.1
25.140	60.	1105.	20.7	2626.2	2626.2	0.0
<del>25.310</del>	<del>60.</del>	<del>1104.</del>	<del>20.7</del>	<del>2633.0</del>	<del>2633.0</del>	<del>0.0</del>
<del>25.340</del>	<del>60.</del>	<del>1194.</del>	<del>20.7</del>	<del>2643.6</del>	<del>2643.6</del>	<del>0.0</del>
26.050 <i>d.s.</i> *	250.	3716.	6.1	2659.1	2658.4	0.7
<del>26.050</del>	<del>250.</del>	<del>3132.</del>	<del>7.2</del>	<del>2659.3</del>	<del>2658.0</del>	<del>0.5</del>
<del>26.050</del>	<del>250.</del>	<del>3135.</del>	<del>7.2</del>	<del>2659.4</del>	<del>2658.0</del>	<del>0.6</del>
26.050 <i>u.s.</i> *	250.	3775.	6.0	2659.4	2658.6	0.6
26.370	450.	3644.	6.2	2660.9	2660.2	0.7
26.970	330.	2237.	9.9	2679.1	2679.1	0.0
27.480 <i>d.s.</i> *	410.	4675.	4.7	2701.8	2701.4	0.4
27.480 <i>u.s.</i> *	410.	4718.	4.7	2701.9	2701.5	0.4
28.180	280.	2002.	10.9	2712.9	2712.6	0.3
<del>28.510</del>	<del>390.</del>	<del>2510.</del>	<del>8.6</del>	<del>2725.6</del>	<del>2725.3</del>	<del>0.3</del>
28.810 <i>d.s.</i> *	390.	2574.	8.4	2736.4	2736.4	0.0
28.810 <i>u.s.</i> *	390.	2946.	7.3	2737.3	2737.3	0.0
28.970	70.	1429.	15.0	2742.3	2741.8	0.5
29.890	180.	1574.	13.4	2761.8	2760.8	1.0
30.600	275.	1695.	12.3	2788.7	2788.7	0.0
<del>30.520</del>	<del>500.</del>	<del>1469.</del>	<del>14.2</del>	<del>2804.3</del>	<del>2804.3</del>	<del>0.0</del>
31.240 <i>d.s.</i> *	500.	4425.	4.7	2822.8	2822.5	0.3
31.240 <i>u.s.</i> *	500.	4504.	4.6	2822.9	2822.7	0.2
31.710	220.	1540.	13.3	2832.6	2832.1	0.5
32.360	475.	2542.	6.8	2865.2	2864.6	0.6
32.770	465.	3146.	5.3	2881.5	2881.1	0.4
33.580 <i>d.s.</i> *	490.	1621.	9.9	2932.3	2932.3	0.0
33.580 <i>u.s.</i> *	490.	1892.	8.4	2933.3	2932.9	0.4
<del>33.630</del>	<del>490.</del>	<del>1569.</del>	<del>10.0</del>	<del>2940.9</del>	<del>2940.1</del>	<del>0.8</del>
34.530	120.	971.	15.5	2977.8	2977.5	0.3

\* DOWNSTREAM AND UPSTREAM @ BRIDGES

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 HEC2 RELEASE DATED NOV 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/

CANE RIVER

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	PERENC	STENCL	STENCR
0.020	2041.84	0.0	2046.26	381.	0.	0.	0.
0.020	2042.84	1.00	2047.08	300.	300.	125.	425.
0.270	2049.80	0.0	2053.41	204.	0.	0.	0.
0.270	2050.37	0.57	2053.91	206.	210.	50.	260.
0.270	2050.08	0.0	2053.66	214.	0.	0.	0.
0.270	2050.70	0.61	2054.19	207.	210.	50.	260.
0.970	2062.43	0.0	2066.03	271.	0.	0.	0.
0.970	2063.28	0.85	2067.12	180.	180.	75.	255.
1.550	2068.34	0.0	2071.75	291.	0.	0.	0.
1.550	2069.23	0.89	2072.34	250.	250.	50.	300.
2.000	2074.92	0.0	2076.56	487.	0.	0.	0.
2.000	2074.82	-0.10	2077.26	350.	350.	75.	425.
2.750	2091.22	0.0	2094.25	230.	0.	0.	0.
2.750	2091.87	0.64	2094.82	180.	180.	25.	205.
3.520	2118.23	0.0	2119.29	397.	0.	0.	0.
3.520	2118.96	0.73	2120.35	200.	200.	50.	250.
3.520	2118.33	0.0	2119.38	358.	0.	0.	0.
3.520	2119.07	0.74	2120.45	200.	200.	50.	250.
4.220	2124.46	0.0	2126.05	674.	0.	0.	0.
4.220	2125.41	0.94	2127.12	300.	300.	200.	500.
* 5.000	2136.13	0.0	2141.70	194.	0.	0.	0.
* 5.000	2136.14	0.01	2141.70	195.	250.	100.	350.
5.140	2146.36	0.0	2148.73	430.	0.	0.	0.
5.140	2146.25	-0.11	2149.27	250.	250.	100.	350.
5.140	2146.96	0.0	2149.04	438.	0.	0.	0.
5.140	2146.92	-0.03	2149.64	250.	250.	100.	350.

SECNO	CWSEL	DIFKWS	EG	TOPWIC	PERENC	STENCL	STENCR
5.980	2168.73	0.0	2173.74	204.	0.	0.	0.
5.980	2169.29	0.56	2174.00	160.	160.	50.	210.
6.600	2185.74	0.0	2189.78	183.	0.	0.	0.
6.600	2185.26	-0.48	2189.57	168.	170.	70.	240.
6.930	2202.14	0.0	2203.52	414.	0.	0.	0.
6.930	2202.98	0.84	2204.61	215.	215.	60.	275.
6.930	2202.59	0.0	2203.73	420.	0.	0.	0.
6.930	2203.32	0.74	2205.03	215.	215.	60.	275.
7.380	2207.43	0.0	2209.97	254.	0.	0.	0.
7.380	2208.41	0.98	2210.79	200.	200.	20.	220.
* 8.240	2226.05	0.0	2232.18	187.	0.	0.	0.
* 8.240	2225.99	-0.06	2232.21	170.	170.	60.	230.
9.310	2269.02	0.0	2271.96	244.	0.	0.	0.
9.310	2269.37	0.35	2272.52	150.	150.	5.	155.
9.980	2293.80	0.0	2295.61	278.	0.	0.	0.
9.980	2294.33	0.53	2296.47	230.	230.	15.	245.
9.980	2294.43	0.0	2296.15	280.	0.	0.	0.
9.980	2294.90	0.47	2296.61	230.	230.	15.	245.
11.230	2347.11	0.0	2348.88	244.	0.	0.	0.
11.230	2347.80	0.69	2349.61	150.	190.	105.	295.
11.230	2347.46	0.0	2349.15	247.	0.	0.	0.
11.230	2348.13	0.67	2349.87	190.	190.	105.	295.
12.000	2367.03	0.0	2371.28	150.	0.	0.	0.
12.000	2367.13	0.10	2371.33	161.	190.	105.	295.
12.260	2372.90	0.0	2374.37	216.	0.	0.	0.
12.260	2372.91	0.01	2374.40	185.	185.	20.	205.
* 12.750	2379.94	0.0	2386.25	157.	0.	0.	0.
* 12.750	2379.92	-0.02	2386.25	152.	195.	30.	225.
* 12.750	2381.72	0.0	2388.35	202.	0.	0.	0.
* 12.750	2381.66	-0.06	2388.36	155.	195.	30.	225.
* 12.750	2385.39	0.0	2389.93	210.	0.	0.	0.
* 12.750	2384.91	-0.48	2390.14	195.	195.	30.	225.
12.750	2386.65	0.0	2390.58	224.	0.	0.	0.
12.750	2386.94	0.25	2390.69	195.	195.	30.	225.
12.750	2387.69	0.0	2390.67	232.	0.	0.	0.
12.750	2388.03	0.34	2390.99	195.	195.	30.	225.
12.750	2388.82	0.0	2390.60	235.	0.	0.	0.
12.750	2389.14	0.32	2391.11	195.	195.	30.	225.



SECNO	CWSEL	DIFKWS	EG	TOPWID	PERENC	STENCL	STENCR
13.440	2397.08	0.0	2401.70	162.	0.	0.	0.
13.440	2397.17	0.10	2401.73	163.	215.	190.	405.
13.440	2398.58	0.0	2402.26	172.	0.	0.	0.
13.440	2398.60	0.02	2402.28	172.	215.	190.	405.
14.130	2417.90	0.0	2420.67	182.	0.	0.	0.
14.130	2417.97	0.07	2420.82	150.	150.	20.	170.
14.730	2425.16	0.0	2428.19	200.	0.	0.	0.
14.730	2425.25	0.09	2428.29	170.	170.	15.	185.
14.730	2425.21	0.0	2428.85	201.	0.	0.	0.
14.730	2425.27	0.06	2429.05	170.	170.	15.	185.
14.730	2425.40	0.0	2428.94	201.	0.	0.	0.
14.730	2425.46	0.06	2429.14	170.	170.	15.	185.
14.730	2425.49	0.0	2428.99	187.	0.	0.	0.
14.730	2425.82	0.33	2429.22	170.	170.	15.	185.
15.190	2435.28	0.0	2440.88	171.	0.	0.	0.
15.190	2435.25	-0.03	2441.16	135.	135.	60.	195.
15.870	2450.60	0.0	2453.92	303.	0.	0.	0.
15.870	2450.88	0.28	2454.32	150.	150.	150.	300.
16.200	2459.35	0.0	2460.95	508.	0.	0.	0.
16.200	2459.51	0.16	2461.64	270.	270.	80.	350.
16.200	2459.94	0.0	2461.23	517.	0.	0.	0.
16.200	2460.11	0.17	2461.97	270.	270.	80.	350.
16.970	2468.99	0.0	2471.53	252.	0.	0.	0.
16.970	2469.65	0.65	2472.09	210.	210.	25.	235.
17.460	2473.32	0.0	2475.08	629.	0.	0.	0.
17.460	2473.39	0.07	2475.70	450.	450.	50.	500.
17.770	2476.00	0.0	2477.98	682.	0.	0.	0.
17.770	2476.53	0.53	2478.84	425.	425.	100.	525.
18.270	2480.80	0.0	2482.82	832.	0.	0.	0.
18.270	2481.54	0.74	2483.52	600.	600.	75.	675.
18.270	2481.98	0.0	2483.05	847.	0.	0.	0.
18.270	2482.53	0.55	2483.73	600.	600.	75.	675.
18.270	2482.30	0.0	2483.08	825.	0.	0.	0.
18.270	2482.61	0.31	2483.74	600.	600.	75.	675.
18.270	2482.39	0.0	2483.16	835.	0.	0.	0.
18.270	2482.74	0.35	2483.84	600.	600.	75.	675.
18.270	2482.68	0.0	2483.27	847.	0.	0.	0.
18.270	2482.72	0.43	2483.87	600.	600.	75.	675.

SECNO	CWSEL	DIFKWS	EG	TO'WID	PERENC	STENCL	STENCR
18.270	2482.33	0.0	2483.30	847.	0.	0.	0.
18.270	2482.78	0.46	2483.90	600.	600.	75.	675.
19.080	2487.68	0.0	2488.77	1217.	0.	0.	0.
19.080	2488.42	0.74	2490.04	650.	650.	1850.	2500.
19.780	2495.88	0.0	2498.66	272.	0.	0.	0.
19.780	2496.80	0.92	2499.27	215.	215.	100.	315.
20.250	2505.88	0.0	2509.83	193.	0.	0.	0.
20.250	2505.83	-0.04	2509.96	130.	130.	85.	215.
20.960	2517.24	0.0	2518.34	709.	0.	0.	0.
20.960	2517.79	0.55	2519.14	300.	300.	325.	625.
* 21.300	2523.80	0.0	2529.57	145.	0.	0.	0.
* 21.300	2523.79	-0.00	2529.57	145.	200.	175.	375.
21.520	2533.10	0.0	2534.77	457.	0.	0.	0.
21.520	2533.11	0.01	2534.83	200.	200.	175.	375.
21.520	2532.81	0.0	2535.97	150.	0.	0.	0.
21.520	2532.83	0.02	2535.99	151.	200.	175.	375.
21.520	2533.43	0.0	2536.57	231.	0.	0.	0.
21.520	2533.45	0.02	2536.59	167.	200.	175.	375.
21.520	2535.55	0.0	2536.76	558.	0.	0.	0.
21.520	2535.39	-0.16	2536.77	200.	200.	175.	375.
22.050	2538.06	0.0	2542.14	211.	0.	0.	0.
22.050	2538.25	0.19	2542.82	100.	100.	50.	150.
22.850	2552.97	0.0	2557.58	153.	0.	0.	0.
22.850	2553.96	0.98	2557.86	145.	160.	15.	175.
* 22.850	2552.98	0.0	2558.73	153.	0.	0.	0.
22.850	2553.87	0.89	2558.81	145.	160.	15.	175.
22.850	2576.10	0.0	2576.64	185.	0.	0.	0.
22.850	2576.10	-0.00	2576.66	160.	160.	15.	175.
22.850	2575.83	0.0	2576.92	199.	0.	0.	0.
22.850	2575.82	-0.02	2576.96	160.	160.	15.	175.
23.350	2576.79	0.0	2580.45	126.	0.	0.	0.
23.350	2576.77	-0.01	2580.63	100.	100.	25.	125.
24.140	2594.73	0.0	2600.37	205.	0.	0.	0.
24.140	2595.04	0.31	2600.64	120.	120.	200.	320.
24.480	2604.67	0.0	2606.22	199.	0.	0.	0.
24.480	2604.79	0.12	2606.31	185.	185.	30.	215.
24.480	2604.20	0.0	2606.69	198.	0.	0.	0.
24.480	2604.32	0.12	2606.79	185.	185.	30.	215.

SECNO	CWSEL	DIFKWS	EG	TGPMID	PERENC	STENCL	STENCR
24.480	2604.43	0.0	2606.81	199.	0.	0.	0.
24.480	2604.53	0.10	2606.90	185.	185.	30.	215.
24.480	2605.56	0.0	2606.91	203.	0.	0.	0.
24.480	2605.66	0.10	2607.00	185.	185.	30.	215.
* 25.140	2626.21	0.0	2635.32	99.	0.	0.	0.
* 25.140	2626.07	-0.13	2635.98	60.	60.	40.	100.
* 25.310	2633.82	0.0	2642.87	99.	0.	0.	0.
* 25.310	2633.66	-0.16	2643.52	60.	60.	40.	100.
* 25.340	2643.61	0.0	2652.66	99.	0.	0.	0.
* 25.340	2643.46	-0.15	2653.31	60.	60.	40.	100.
26.050	2658.43	0.0	2659.43	499.	0.	0.	0.
26.050	2659.14	0.71	2660.27	250.	250.	125.	375.
26.050	2658.83	0.0	2659.50	502.	0.	0.	0.
26.050	2659.35	0.52	2660.32	250.	250.	125.	375.
26.050	2658.84	0.0	2659.51	503.	0.	0.	0.
26.050	2659.36	0.52	2660.33	250.	250.	125.	375.
26.050	2658.80	0.0	2659.56	502.	0.	0.	0.
26.050	2659.38	0.58	2660.34	250.	250.	125.	375.
26.370	2660.20	0.0	2660.56	889.	0.	0.	0.
26.370	2660.85	0.65	2661.52	450.	450.	350.	800.
* 26.970	2679.05	0.0	2683.05	369.	0.	0.	0.
* 26.970	2679.11	-0.04	2683.19	330.	330.	20.	350.
27.480	2701.44	0.0	2701.78	579.	0.	0.	0.
27.480	2701.80	0.37	2702.18	410.	410.	150.	560.
27.480	2701.53	0.0	2701.87	580.	0.	0.	0.
27.480	2701.90	0.37	2702.28	410.	410.	150.	560.
28.180	2712.58	0.0	2714.87	362.	0.	0.	0.
28.180	2712.92	0.35	2715.57	280.	280.	250.	530.
28.500	2725.32	0.0	2728.05	510.	0.	0.	0.
28.500	2725.58	0.27	2728.22	390.	390.	100.	490.
28.810	2736.44	0.0	2737.69	523.	0.	0.	0.
28.810	2736.40	-0.04	2737.88	390.	390.	100.	490.
28.810	2737.28	0.0	2738.06	526.	0.	0.	0.
28.810	2737.34	0.06	2738.30	390.	390.	100.	490.
28.970	2741.77	0.0	2745.08	191.	0.	0.	0.
28.970	2742.33	0.56	2746.56	70.	70.	30.	100.
* 29.890	2760.76	0.0	2764.05	372.	0.	0.	0.
29.890	2761.81	1.05	2764.63	180.	180.	255.	435.

SECNO	CWSEL	DIFKWS	EG	TOPWID	PERENC	STENCL	STENCR
30.600	2788.70	0.0	2790.65	527.	0.	0.	0.
30.600	2788.40	-0.29	2790.77	260.	275.	240.	515.
* 30.920	2804.30	0.0	2808.55	299.	0.	0.	0.
* 30.920	2804.32	0.02	2808.55	300.	500.	100.	600.
31.240	2822.54	0.0	2822.91	604.	0.	0.	0.
31.240	2822.76	0.22	2823.16	497.	500.	100.	600.
31.240	2822.70	0.0	2823.03	607.	0.	0.	0.
31.240	2822.92	0.22	2823.28	497.	500.	100.	600.
* 31.710	2832.12	0.0	2834.90	553.	0.	0.	0.
31.710	2832.57	0.45	2836.07	220.	220.	55.	275.
* 32.360	2864.58	0.0	2866.81	726.	0.	0.	0.
32.360	2865.19	0.61	2867.11	475.	475.	75.	550.
32.770	2881.05	0.0	2881.91	796.	0.	0.	0.
32.770	2881.51	0.45	2882.58	465.	465.	35.	500.
* 33.580	2932.30	0.0	2933.41	635.	0.	0.	0.
* 33.580	2932.30	0.0	2934.67	335.	490.	60.	550.
33.580	2932.89	0.0	2933.55	683.	0.	0.	0.
33.580	2933.29	0.40	2934.99	410.	490.	60.	550.
33.800	2940.12	0.0	2942.02	588.	0.	0.	0.
33.800	2940.92	0.80	2943.41	328.	490.	60.	550.
* 34.530	2977.50	0.0	2980.76	356.	0.	0.	0.
* 34.530	2977.82	0.32	2982.35	118.	120.	275.	395.

SUMMARY OF ERRORS

CAUTION	SECNO=	5.000	PROFILE=	1	CRITICAL	DEPTH	ASSUMED
CAUTION	SECNO=	5.000	PROFILE=	2	CRITICAL	DEPTH	ASSUMED
CAUTION	SECNO=	8.240	PROFILE=	1	CRITICAL	DEPTH	ASSUMED
CAUTION	SECNO=	8.240	PROFILE=	2	CRITICAL	DEPTH	ASSUMED
CAUTION	SECNO=	12.750	PROFILE=	1	CRITICAL	DEPTH	ASSUMED
CAUTION	SECNO=	12.750	PROFILE=	2	CRITICAL	DEPTH	ASSUMED
CAUTION	SECNO=	12.750	PROFILE=	1	CRITICAL	DEPTH	ASSUMED
CAUTION	SECNO=	12.750	PROFILE=	2	CRITICAL	DEPTH	ASSUMED
CAUTION	SECNO=	21.300	PROFILE=	1	CRITICAL	DEPTH	ASSUMED
CAUTION	SECNO=	21.300	PROFILE=	2	CRITICAL	DEPTH	ASSUMED
CAUTION	SECNO=	22.850	PROFILE=	1	CRITICAL	DEPTH	ASSUMED
CAUTION	SECNO=	25.140	PROFILE=	1	CRITICAL	DEPTH	ASSUMED