

AYLES CREEK

457  
1957  
1957

Ayles Creek

AYLES CREEK

Revised 11-4-81

YANCEY CO. NC FEMA STUDY

MILE	500 YR FLOOD		100 YR FLOOD		50 YR FLOOD		10 YR FLOOD	
	Q	ELEV	Q	ELEV	Q	ELEV	Q	ELEV
0*		2456.6		2454.1		2452.9		2450.6
0.030 ds	3425.	2457.5	2220.	2455.9	1805.	2455.1	1045.	2453.0
0.030 us	3425.	2459.3	2220.	2457.5	1805.	2456.6	1045.	2454.0
0.080 ds	3395.	2460.0	2200.	2458.4	1790.	2457.9	1035.	2456.5
0.080 us	3395.	2461.2	2200.	2460.2	1790.	2459.8	1035.	2458.8
0.150	3350.	2465.1	2175.	2464.1	1770.	2463.7	1025.	2462.5
0.160 ds	3350.	2465.7	2175.	2464.8	1770.	2464.5	1025.	2463.6
0.160 us	3350.	2466.1	2175.	2465.5	1770.	2465.3	1025.	2464.6
0.260	3290.	2472.9	2135.	2471.7	1740.	2471.2	1005.	2469.9
0.270 ds	3290.	2474.4	2135.	2472.6	1740.	2472.2	1005.	2470.8
0.270 us	3290.	2476.0	2135.	2474.8	1740.	2474.3	1005.	2472.3
0.280	3290.	2477.0	2135.	2475.7	1740.	2475.2	1005.	2473.9
0.420	3205.	2494.7	2080.	2493.6	1695.	2493.3	980.	2492.2
0.430 ds	3205.	2496.8	2080.	2495.6	1695.	2495.2	980.	2494.0
0.430 us	3205.	2498.9	2080.	2497.9	1695.	2497.5	980.	2495.7
0.480 ds	3175.	2499.7	2060.	2498.6	1680.	2498.1	975.	2496.8
0.480 us	3175.	2503.5	2060.	2502.4	1680.	2501.8	975.	2499.1
0.570	3120.	2509.4	2025.	2507.9	1650.	2507.4	960.	2507.1
0.580 ds	3120.	2511.2	2025.	2509.7	1650.	2509.1	960.	2507.9
0.580 us	3120.	2513.6	2025.	2512.3	1650.	2511.3	960.	2509.1
0.690	3055.	2522.1	1985.	2520.9	1620.	2520.4	940.	2519.8
0.700 ds	3055.	2524.2	1985.	2523.0	1620.	2522.5	940.	2520.9
0.700 us	3055.	2524.4	1985.	2523.7	1620.	2523.4	940.	2522.5
0.720 ds	3045.	2525.3	1980.	2524.1	1610.	2523.8	935.	2522.8
0.720 us	3045.	2525.8	1980.	2525.4	1610.	2525.1	935.	2524.2
0.800	2975.	2532.7	1945.	2530.5	1585.	2529.7	920.	2527.8
0.810 ds	2945.	2533.9	1945.	2531.9	1585.	2531.1	920.	2529.4
0.810 us	2945.	2535.3	1945.	2534.3	1585.	2533.8	920.	2532.7
0.910	2935.	2538.7	1910.	2537.8	1555.	2534.8	905.	2535.5

0.920 <i>p.s.</i>	2935.	2539.7	1910.	2538.8	1555.	2538.5	905.	2536.7
0.920 <i>v.s.</i>	2935.	2539.9	1910.	2538.8	1555.	2538.5	905.	2537.2
1.250	2753.	2560.8	1795.	2560.2	1465.	2560.0	850.	2558.4
1.280	2735.	2567.3	1785.	2566.8	1455.	2566.6	845.	2564.6
1.590 <i>p.s.</i>	2565.	2592.6	1675.	2591.1	1365.	2590.5	795.	2590.1
1.590 <i>v.s.</i>	2565.	2594.8	1675.	2592.8	1365.	2592.1	795.	2590.7
1.600	2565.	2595.0	1675.	2593.6	1365.	2593.1	795.	2592.0
1.870	2405.	2628.4	1575.	2627.5	1285.	2626.7	750.	2625.6
1.880 <i>p.s.</i>	2405.	2632.8	1575.	2632.1	1285.	2631.8	750.	2629.7
1.880 <i>v.s.</i>	2405.	2634.5	1575.	2633.8	1285.	2633.5	750.	2631.7
1.900 <i>p.s.</i>	2395.	2634.5	1565.	2633.8	1280.	2633.5	745.	2631.7
1.900 <i>v.s.</i>	2395.	2635.8	1565.	2635.0	1280.	2634.7	745.	2632.5
2.170	2240.	2669.6	1470.	2668.3	1200.	2667.7	705.	2666.5
2.180 <i>p.s.</i>	2240.	2671.1	1470.	2669.8	1200.	2669.2	705.	2668.0
2.180 <i>v.s.</i>	2240.	2673.3	1470.	2672.5	1200.	2671.7	705.	2668.9
2.210 <i>p.s.</i>	2225.	2674.3	1460.	2673.0	1195.	2672.5	700.	2671.4
2.210 <i>v.s.</i>	2225.	2676.0	1460.	2676.4	1195.	2675.1	700.	2673.4
2.290	2180.	2683.8	1430.	2682.8	1170.	2682.3	685.	2681.6

\* LITTLE SPARTREE CREEK MILE 0.53 ELEVATIONS

@ THE MOUTH OF AYLES CREEK

AYLES CREEK

SUMMARY PRINTOUT TABLE 150

SECND	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
0.030	1045.	2453.0	0.0	0.0	0.0	30.00	0.0
0.030	1805.	2455.1	2.1	0.0	0.0	60.08	0.0
0.030	2220.	2455.9	0.8	0.0	0.0	94.33	0.0
0.030	3425.	2457.5	1.6	0.0	0.0	96.65	0.0
0.030	1045.	2453.5	0.0	0.5	0.0	30.00	40.00
0.030	1805.	2455.7	2.2	0.6	0.0	70.64	40.00
0.030	2220.	2456.6	0.9	0.7	0.0	95.35	40.00
0.030	3425.	2458.3	1.7	0.8	0.0	97.76	40.00
0.030	1045.	2454.2	0.0	0.6	0.0	30.00	32.00
0.030	1805.	2456.6	2.4	0.9	0.0	95.26	32.00
0.030	2220.	2457.3	0.7	0.7	0.0	96.31	32.00
0.030	3425.	2458.7	1.4	0.4	0.0	98.36	32.00
0.030	1045.	2454.0	0.0	-0.2	0.0	30.00	10.00
0.030	1805.	2456.6	2.6	-0.0	0.0	160.45	10.00
0.030	2220.	2457.5	0.9	0.2	0.0	164.81	10.00
0.030	3425.	2459.3	1.8	0.6	0.0	171.74	10.00
0.080	1035.	2456.5	0.0	2.5	0.0	105.89	200.00
0.080	1790.	2457.9	1.4	1.3	0.0	256.23	200.00
0.080	2200.	2458.4	0.5	0.9	0.0	273.55	200.00
0.080	3395.	2460.0	1.6	0.7	0.0	309.13	200.00
0.080	1035.	2457.4	0.0	0.9	0.0	226.45	80.00
0.080	1790.	2458.6	1.1	0.7	0.0	277.74	80.00
0.080	2200.	2459.0	0.4	0.6	0.0	291.84	80.00
0.080	3395.	2460.3	1.3	0.3	0.0	311.63	80.00
0.080	1035.	2459.1	0.0	1.7	0.0	295.56	10.00
* 0.080	1790.	2459.9	0.8	1.4	0.0	307.94	10.00
* 0.080	2200.	2460.2	0.3	1.2	0.0	310.62	10.00
0.080	3395.	2460.9	0.7	0.6	0.0	316.82	10.00
0.080	1035.	2458.8	0.0	-0.4	0.0	103.16	20.00
* 0.080	1790.	2459.8	1.0	-0.1	0.0	243.24	20.00
* 0.080	2200.	2460.2	0.4	0.0	0.0	257.55	20.00
* 0.080	3395.	2461.2	1.0	0.3	0.0	289.51	20.00
0.150	1045.	2462.5	0.0	3.8	0.0	118.73	300.00
0.150	1770.	2463.7	1.2	3.9	0.0	213.51	300.00
0.150	2175.	2464.1	0.4	3.8	0.0	242.48	300.00
0.150	3350.	2465.1	1.0	3.9	0.0	311.12	300.00
0.160	1025.	2463.6	0.0	1.0	0.0	94.70	60.00
0.160	1770.	2464.5	0.9	0.8	0.0	220.16	60.00
0.160	2175.	2464.8	0.3	0.7	0.0	241.95	60.00
0.160	3350.	2465.7	0.9	0.6	0.0	305.39	60.00
0.160	1025.	2464.6	0.0	1.0	0.0	227.59	31.00
0.160	1770.	2465.3	0.7	0.8	0.0	277.27	31.00
* 0.160	2175.	2465.5	0.2	0.7	0.0	292.10	31.00
0.160	3350.	2466.1	0.5	0.4	0.0	336.35	31.00

	SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
	0.160	1025.	2464.6	0.0	0.0	0.0	229.03	15.0
	0.160	1770.	2465.3	0.7	0.0	0.0	278.10	15.0
	0.160	2175.	2465.5	0.2	0.0	0.0	293.55	15.0
	0.160	3350.	2466.1	0.5	0.0	0.0	337.34	15.0
*	0.260	1005.	2469.9	0.0	5.3	0.0	64.24	495.0
*	0.260	1740.	2471.2	1.3	5.9	0.0	80.51	495.0
*	0.260	2135.	2471.7	0.5	6.2	0.0	83.80	495.0
*	0.260	3290.	2472.9	1.2	6.9	0.0	92.06	495.0
	0.270	1005.	2470.8	0.0	0.9	0.0	32.00	40.0
	0.270	1740.	2472.2	1.4	1.0	0.0	68.24	40.0
	0.270	2135.	2472.6	0.4	0.9	0.0	70.18	40.0
	0.270	3290.	2474.4	1.8	1.5	0.0	99.80	40.0
	0.270	1005.	2472.3	0.0	1.5	0.0	68.62	10.0
*	0.270	1740.	2474.3	2.0	2.1	0.0	99.22	10.0
	0.270	2135.	2474.8	0.5	2.2	0.0	102.45	10.0
	0.270	3290.	2476.0	1.3	1.7	0.0	111.80	10.0
*	0.280	1005.	2473.9	0.0	1.6	0.0	64.00	10.0
*	0.280	1740.	2475.2	1.3	0.9	0.0	80.59	10.0
*	0.280	2135.	2475.7	0.5	1.0	0.0	84.04	10.0
*	0.280	3290.	2477.0	1.3	1.0	0.0	92.52	10.0
*	0.420	980.	2492.2	0.0	18.3	0.0	105.13	750.0
*	0.420	1695.	2493.5	1.1	18.0	0.0	122.82	750.0
*	0.420	2080.	2493.6	0.3	17.9	0.0	126.22	750.0
*	0.420	3205.	2494.7	1.1	17.7	0.0	150.65	750.0
*	0.430	980.	2494.0	0.0	1.8	0.0	30.76	60.0
*	0.430	1695.	2495.2	1.3	2.0	0.0	122.69	60.0
*	0.430	2080.	2495.6	0.4	2.0	0.0	124.01	60.0
*	0.430	3205.	2496.8	1.2	2.2	0.0	151.36	60.0
	0.430	980.	2495.5	0.0	1.6	0.0	123.89	10.0
	0.430	1695.	2497.4	1.8	2.1	0.0	153.58	10.0
	0.430	2080.	2497.8	0.4	2.1	0.0	155.21	10.0
	0.430	3205.	2498.6	0.8	1.7	0.0	158.60	10.0
	0.430	980.	2495.7	0.0	0.2	0.0	87.37	15.0
	0.430	1695.	2497.5	1.8	0.1	0.0	120.26	15.0
	0.430	2080.	2497.9	0.4	0.2	0.0	123.49	15.0
	0.430	3205.	2498.9	0.9	0.3	0.0	148.45	15.0
	0.480	975.	2496.8	0.0	1.1	0.0	52.60	145.0
	0.480	1680.	2498.1	1.4	0.6	0.0	62.26	145.0
	0.480	2060.	2498.6	0.5	0.7	0.0	65.59	145.0
	0.480	3175.	2499.7	1.1	0.8	0.0	73.25	145.0
	0.480	975.	2497.5	0.0	0.7	0.0	18.00	80.0
*	0.480	1680.	2499.1	1.6	0.9	0.0	68.70	80.0
	0.480	2060.	2499.5	0.4	0.9	0.0	71.65	80.0
	0.480	3175.	2500.7	1.3	1.0	0.0	119.47	80.0

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
0.160	1025.	2464.6	0.0	0.0	0.0	229.03	15.0
0.160	1770.	2465.3	0.7	0.0	0.0	278.10	15.0
0.160	2175.	2465.5	0.2	0.0	0.0	293.55	15.0
0.160	3350.	2466.1	0.5	0.0	0.0	337.34	15.0
* 0.260	1005.	2469.9	0.0	5.3	0.0	64.24	495.0
* 0.260	1740.	2471.2	1.3	5.9	0.0	80.51	495.0
* 0.260	2135.	2471.7	0.5	6.2	0.0	83.80	495.0
* 0.260	3290.	2472.9	1.2	6.9	0.0	92.06	495.0
0.270	1005.	2470.8	0.0	0.9	0.0	32.00	40.0
0.270	1740.	2472.2	1.4	1.0	0.0	68.24	40.0
0.270	2135.	2472.6	0.4	0.9	0.0	70.18	40.0
0.270	3290.	2474.4	1.8	1.5	0.0	99.80	40.0
0.270	1005.	2472.3	0.0	1.5	0.0	68.62	10.0
* 0.270	1740.	2474.3	2.0	2.1	0.0	99.22	10.0
0.270	2135.	2474.8	0.5	2.2	0.0	102.45	10.0
0.270	3290.	2476.0	1.3	1.7	0.0	111.80	10.0
* 0.280	1005.	2473.9	0.0	1.6	0.0	64.00	10.0
* 0.280	1740.	2475.2	1.3	0.9	0.0	80.59	10.0
* 0.280	2135.	2475.7	0.5	1.0	0.0	84.04	10.0
* 0.280	3290.	2477.0	1.3	1.0	0.0	92.52	10.0
* 0.420	980.	2492.2	0.0	18.3	0.0	105.13	750.0
* 0.420	1695.	2493.3	1.1	18.0	0.0	122.82	750.0
* 0.420	2080.	2493.6	0.3	17.9	0.0	126.22	750.0
* 0.420	3205.	2494.7	1.1	17.7	0.0	150.65	750.0
* 0.430	980.	2494.0	0.0	1.8	0.0	30.76	60.0
* 0.430	1695.	2495.2	1.3	2.0	0.0	122.69	60.0
* 0.430	2080.	2495.6	0.4	2.0	0.0	124.01	60.0
* 0.430	3205.	2496.8	1.2	2.2	0.0	151.36	60.0
0.430	980.	2495.5	0.0	1.6	0.0	123.89	10.0
0.430	1695.	2497.4	1.8	2.1	0.0	153.58	10.0
0.430	2080.	2497.8	0.4	2.1	0.0	155.21	10.0
0.430	3205.	2498.6	0.8	1.7	0.0	158.60	10.0
0.430	980.	2495.7	0.0	0.2	0.0	87.37	15.0
0.430	1695.	2497.5	1.8	0.1	0.0	120.26	15.0
0.430	2080.	2497.9	0.4	0.2	0.0	123.49	15.0
0.430	3205.	2498.9	0.9	0.3	0.0	148.45	15.0
0.480	975.	2496.8	0.0	1.1	0.0	52.60	145.0
0.480	1680.	2498.1	1.4	0.6	0.0	62.26	145.0
0.480	2060.	2498.6	0.5	0.7	0.0	65.59	145.0
0.480	3175.	2499.7	1.1	0.8	0.0	73.25	145.0
0.480	975.	2497.5	0.0	0.7	0.0	18.00	80.0
* 0.480	1680.	2499.1	1.6	0.9	0.0	68.70	80.0
* 0.480	2060.	2499.5	0.4	0.9	0.0	71.65	80.0
* 0.480	3175.	2500.7	1.3	1.0	0.0	119.47	80.0

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
* 0.480	975.	2498.1	0.0	0.6	0.0	18.00	10.00
* 0.480	1680.	2501.9	3.8	2.8	0.0	148.13	10.00
* 0.480	2060.	2502.5	0.5	3.1	0.0	164.09	10.00
* 0.480	3175.	2503.8	1.2	3.0	0.0	194.61	10.00
* 0.480	975.	2499.1	0.0	1.0	0.0	46.06	20.00
0.480	1680.	2501.8	2.7	-0.1	0.0	65.35	20.00
0.480	2060.	2502.4	0.6	-0.1	0.0	69.74	20.00
0.480	3175.	2503.5	1.1	-0.2	0.0	109.15	20.00
0.570	960.	2507.1	0.0	8.0	0.0	46.75	440.00
0.570	1650.	2507.4	0.3	5.6	0.0	49.74	440.00
0.570	2025.	2507.9	0.5	5.5	0.0	55.73	440.00
0.570	3120.	2509.4	1.5	5.9	0.0	74.82	440.00
0.580	960.	2507.9	0.0	0.8	0.0	44.00	80.00
0.580	1650.	2509.1	1.3	1.8	0.0	44.00	80.00
0.580	2025.	2509.7	0.6	1.9	0.0	44.00	80.00
0.580	3120.	2511.2	1.5	1.8	0.0	44.00	80.00
* 0.580	960.	2509.2	0.0	1.3	0.0	44.00	10.00
* 0.580	1650.	2511.6	2.4	2.4	0.0	44.00	10.00
* 0.580	2025.	2512.6	1.0	2.8	0.0	110.35	10.00
* 0.580	3120.	2514.0	1.4	2.8	0.0	119.93	10.00
* 0.580	960.	2509.1	0.0	-0.1	0.0	37.85	20.00
0.580	1650.	2511.3	2.2	-0.3	0.0	56.94	20.00
0.580	2025.	2512.3	1.0	-0.3	0.0	68.42	20.00
0.580	3120.	2513.6	1.3	-0.4	0.0	96.50	20.00
0.690	940.	2519.8	0.0	10.7	0.0	100.17	550.00
0.690	1620.	2520.4	0.6	9.1	0.0	108.29	550.00
* 0.690	1985.	2520.9	0.5	8.6	0.0	115.12	550.00
* 0.690	3055.	2522.1	1.2	8.5	0.0	131.94	550.00
* 0.700	940.	2520.9	0.0	1.1	0.0	54.13	40.00
* 0.700	1620.	2522.5	1.6	2.1	0.0	104.07	40.00
* 0.700	1985.	2523.0	0.5	2.2	0.0	111.02	40.00
* 0.700	3055.	2524.2	1.2	2.2	0.0	127.50	40.00
0.700	940.	2522.5	0.0	1.6	0.0	104.51	30.00
0.700	1620.	2523.4	0.9	0.9	0.0	116.77	30.00
0.700	1985.	2523.7	0.3	0.7	0.0	120.91	30.00
0.700	3055.	2524.4	0.7	0.2	0.0	130.12	30.00
0.720	935.	2522.8	0.0	0.3	0.0	32.27	40.00
0.720	1610.	2523.8	1.0	0.3	0.0	69.80	40.00
0.720	1980.	2524.1	0.4	0.4	0.0	73.71	40.00
* 0.720	3045.	2525.3	1.1	0.9	0.0	78.50	40.00
0.720	935.	2524.2	0.0	1.4	0.0	73.95	10.00
* 0.720	1610.	2525.0	0.9	1.3	0.0	77.79	10.00
0.720	1980.	2525.4	0.3	1.2	0.0	78.80	10.00
0.720	3045.	2525.7	0.4	0.5	0.0	80.08	10.00

SECNO	Q	CNSL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
0.720	935.	2524.2	0.0	0.0	0.0	74.03	10.0
0.720	1610.	2525.1	0.9	0.0	0.0	77.89	10.0
0.720	1980.	2525.4	0.3	0.0	0.0	78.92	10.0
0.720	3045.	2525.8	0.4	0.1	0.0	80.34	10.0
0.800	920.	2527.8	0.0	3.7	0.0	34.14	490.0
0.800	1585.	2529.7	1.9	4.6	0.0	40.03	490.0
0.800	1945.	2530.5	0.8	5.2	0.0	51.66	490.0
0.800	2995.	2532.7	2.2	6.9	0.0	90.44	490.0
0.810	920.	2529.4	0.0	1.5	0.0	47.12	60.0
0.810	1585.	2531.1	1.7	1.4	0.0	82.99	60.0
0.810	1945.	2531.9	0.8	1.4	0.0	92.44	60.0
0.810	2995.	2533.9	2.0	1.2	0.0	113.48	60.0
* 0.810	920.	2532.7	0.0	3.4	0.0	101.32	10.0
* 0.810	1585.	2533.9	1.2	2.8	0.0	113.97	10.0
* 0.810	1945.	2534.4	0.5	2.5	0.0	118.84	10.0
0.810	2995.	2535.5	1.1	1.6	0.0	130.67	10.0
0.810	920.	2532.7	0.0	-0.1	0.0	70.21	15.0
0.810	1585.	2533.8	1.1	-0.1	0.0	88.48	15.0
0.810	1945.	2534.3	0.4	-0.1	0.0	93.09	15.0
0.810	2995.	2535.3	1.0	-0.2	0.0	104.19	15.0
* 0.910	905.	2535.2	0.0	2.5	0.0	32.69	415.0
* 0.910	1555.	2536.8	1.5	2.9	0.0	100.05	415.0
* 0.910	1910.	2537.8	1.0	3.5	0.0	219.96	415.0
* 0.910	2935.	2538.7	0.9	3.4	0.0	247.40	415.0
0.920	905.	2536.7	0.0	1.5	0.0	86.62	40.0
0.920	1555.	2538.5	1.8	1.7	0.0	241.71	40.0
0.920	1910.	2538.8	0.3	1.0	0.0	252.93	40.0
0.920	2935.	2539.7	0.9	1.1	0.0	272.36	40.0
* 0.920	905.	2537.3	0.0	0.6	0.0	205.29	12.0
* 0.920	1555.	2538.5	1.2	0.0	0.0	242.06	12.0
* 0.920	1910.	2538.8	0.3	0.0	0.0	253.97	12.0
0.920	2935.	2539.7	0.9	0.0	0.0	272.67	12.0
0.920	905.	2537.2	0.0	-0.1	0.0	195.15	10.0
0.920	1555.	2538.5	1.3	0.0	0.0	243.11	10.0
0.920	1910.	2538.8	0.3	0.0	0.0	256.27	10.0
0.920	2935.	2539.9	1.0	0.2	0.0	276.73	10.0
1.250	850.	2558.4	0.0	21.2	0.0	25.17	1760.0
* 1.250	1465.	2560.0	1.6	21.5	0.0	346.35	1760.0
* 1.250	1795.	2560.2	0.2	21.3	0.0	354.84	1760.0
* 1.250	2750.	2560.8	0.6	20.9	0.0	380.88	1760.0
* 1.280	845.	2564.6	0.0	6.2	0.0	24.24	150.0
* 1.280	1455.	2566.6	2.0	6.6	0.0	346.85	150.0
* 1.280	1785.	2566.8	0.2	6.7	0.0	357.47	150.0
* 1.280	2735.	2567.3	0.5	6.6	0.0	379.02	150.0



SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
1.590	795.	2590.1	0.0	25.5	0.0	32.05	1690.00
* 1.590	1365.	2590.5	0.4	23.9	0.0	33.20	1690.00
* 1.590	1675.	2591.1	0.6	24.2	0.0	35.14	1690.00
* 1.590	2565.	2592.6	1.5	25.2	0.0	39.92	1690.00
1.590	795.	2590.6	0.0	0.5	0.0	33.76	40.00
1.590	1365.	2592.0	1.4	1.6	0.0	38.24	40.00
1.590	1675.	2592.7	0.7	1.7	0.0	40.46	40.00
1.590	2565.	2594.4	1.7	1.8	0.0	66.73	40.00
1.590	795.	2590.7	0.0	0.0	0.0	33.82	12.00
1.590	1365.	2592.1	1.4	0.0	0.0	38.36	12.00
1.590	1675.	2592.8	0.7	0.0	0.0	40.61	12.00
1.590	2565.	2594.8	2.0	0.4	0.0	80.60	12.00
* 1.600	795.	2592.0	0.0	1.3	0.0	35.91	10.00
* 1.600	1365.	2593.1	1.1	1.1	0.0	41.01	10.00
* 1.600	1675.	2593.6	0.5	0.9	0.0	43.28	10.00
* 1.600	2565.	2595.0	1.4	0.2	0.0	87.80	10.00
1.870	750.	2625.6	0.0	33.6	0.0	37.53	1450.00
* 1.870	1285.	2626.7	1.1	33.6	0.0	121.89	1450.00
* 1.870	1575.	2627.5	0.8	33.9	0.0	321.69	1450.00
* 1.870	2405.	2628.4	0.8	33.4	0.0	338.05	1450.00
* 1.880	750.	2620.7	0.0	4.0	0.0	37.38	80.00
* 1.880	1285.	2631.8	2.2	5.1	0.0	329.99	80.00
* 1.880	1575.	2632.1	0.3	4.6	0.0	335.52	80.00
* 1.880	2405.	2632.8	0.6	4.4	0.0	340.27	80.00
1.880	750.	2631.3	0.0	1.6	0.0	149.28	16.00
1.880	1285.	2633.3	2.1	1.5	0.0	344.54	16.00
1.880	1575.	2633.7	0.3	1.5	0.0	346.89	16.00
1.880	2405.	2634.3	0.6	1.5	0.0	351.61	16.00
1.880	750.	2631.7	0.0	0.4	0.0	325.96	10.00
1.880	1285.	2633.5	1.8	0.1	0.0	345.59	10.00
1.880	1575.	2633.8	0.3	0.2	0.0	348.10	10.00
1.880	2405.	2634.5	0.7	0.2	0.0	353.36	10.00
1.900	745.	2631.7	0.0	0.0	0.0	34.01	35.00
* 1.900	1260.	2633.5	1.8	0.0	0.0	163.97	35.00
1.900	1565.	2633.8	0.3	-0.1	0.0	205.62	35.00
1.900	2395.	2634.5	0.7	-0.1	0.0	230.48	35.00
1.900	745.	2631.9	0.0	0.2	0.0	34.88	10.00
1.900	1280.	2633.6	1.7	0.1	0.0	189.81	10.00
1.900	1565.	2633.8	0.3	0.1	0.0	206.71	10.00
1.900	2395.	2634.5	0.7	0.1	0.0	231.75	10.00
1.900	745.	2632.5	0.0	0.6	0.0	71.18	32.00
1.900	1280.	2634.7	2.2	1.2	0.0	236.51	32.00
1.900	1565.	2635.0	0.3	1.2	0.0	413.84	32.00
1.900	2395.	2635.8	0.7	1.2	0.0	440.04	32.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
1.900	745.	2632.5	0.0	-0.0	0.0	67.43	10.0
1.900	1280.	2634.7	2.3	-0.0	0.0	236.36	10.0
1.900	1565.	2635.0	0.3	-0.0	0.0	413.56	10.0
1.900	2395.	2635.8	0.7	-0.0	0.0	439.55	10.0
* 2.170	705.	2666.5	0.0	34.0	0.0	29.11	1370.0
* 2.170	1200.	2667.7	1.2	33.0	0.0	34.98	1370.0
* 2.170	1470.	2668.3	0.6	33.2	0.0	37.67	1370.0
* 2.170	2240.	2669.6	1.3	33.8	0.0	43.99	1370.0
* 2.180	705.	2668.0	0.0	1.5	0.0	29.15	60.0
* 2.180	1200.	2669.2	1.2	1.5	0.0	35.09	60.0
* 2.180	1470.	2669.8	0.5	1.5	0.0	37.74	60.0
* 2.180	2240.	2671.1	1.3	1.5	0.0	44.01	60.0
* 2.180	705.	2668.4	0.0	0.4	0.0	31.13	12.0
* 2.180	1200.	2671.6	3.2	2.4	0.0	46.67	12.0
* 2.180	1470.	2672.4	0.8	2.7	0.0	50.55	12.0
* 2.180	2240.	2673.1	0.7	2.1	0.0	172.86	12.0
2.180	705.	2668.9	0.0	0.5	0.0	33.51	15.0
2.180	1200.	2671.7	2.8	0.1	0.0	47.01	15.0
2.180	1470.	2672.5	0.8	0.1	0.0	50.89	15.0
2.180	2240.	2673.3	0.8	0.2	0.0	173.10	15.0
* 2.210	700.	2671.4	0.0	2.5	0.0	48.07	35.0
* 2.210	1195.	2672.5	1.1	0.8	0.0	64.00	35.0
* 2.210	1460.	2673.0	0.5	0.5	0.0	70.83	35.0
* 2.210	2225.	2674.3	1.3	1.0	0.0	91.50	35.0
2.210	700.	2673.1	0.0	1.7	0.0	27.00	80.0
2.210	1195.	2674.2	1.1	1.7	0.0	27.00	80.0
2.210	1460.	2674.6	0.4	1.7	0.0	27.00	80.0
2.210	2225.	2676.3	1.7	2.1	0.0	187.59	80.0
2.210	700.	2673.1	0.0	0.1	0.0	27.00	39.0
2.210	1195.	2675.1	2.0	0.9	0.0	27.00	39.0
2.210	1460.	2676.6	1.5	2.0	0.0	201.00	39.0
2.210	2225.	2678.3	1.6	1.9	0.0	303.69	39.0
* 2.210	700.	2673.4	0.0	0.2	0.0	47.95	20.0
* 2.210	1195.	2675.1	1.7	-0.1	0.0	71.95	20.0
2.210	1460.	2676.4	1.3	-0.2	0.0	93.83	20.0
2.210	2225.	2678.0	1.6	-0.3	0.0	169.03	20.0
2.290	685.	2681.6	0.0	8.3	0.0	48.70	380.0
* 2.290	1170.	2682.3	0.7	7.3	0.0	52.21	380.0
* 2.290	1430.	2682.8	0.5	6.4	0.0	54.48	380.0
* 2.290	2180.	2683.8	1.1	5.9	0.0	59.53	380.0

SUMMARY OF ERRORS

CAUTION SECNO= 0.080 PROFILE= 2 HYDRAULIC JUMP D.S.

CAUTION SECNO= 0.080 PROFILE= 3 HYDRAULIC JUMP D.S.

CAUTION SECNO= 0.080 PROFILE= 2 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.080 PROFILE= 3 CRITICAL DEPTH ASSUMED

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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/

AYLES CREEK

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS
0.030	0.	0.0	0.0	2447.0	1045.0	2453.05	0.0
0.030	0.	0.0	0.0	2447.0	1805.0	2455.13	0.0
0.030	0.	0.0	0.0	2447.0	2220.0	2455.91	2453.9
0.030	0.	0.0	0.0	2447.0	3425.0	2457.51	0.0
0.030	40.	0.0	0.0	2447.0	1045.0	2453.52	0.0
0.030	40.	0.0	0.0	2447.0	1805.0	2455.69	0.0
0.030	40.	0.0	0.0	2447.0	2220.0	2456.61	0.0
0.030	40.	0.0	0.0	2447.0	3425.0	2458.27	0.0
0.030	32.	2455.4	2453.5	2447.0	1045.0	2454.16	0.0
0.030	32.	2455.4	2453.5	2447.0	1805.0	2456.56	0.0
0.030	32.	2455.4	2453.5	2447.0	2220.0	2457.27	0.0
0.030	32.	2455.4	2453.5	2447.0	3425.0	2458.68	0.0
0.030	10.	0.0	0.0	2448.4	1045.0	2453.96	0.0
0.030	10.	0.0	0.0	2448.4	1805.0	2456.55	0.0
0.030	10.	0.0	0.0	2448.4	2220.0	2457.50	0.0
0.030	10.	0.0	0.0	2448.4	3425.0	2459.30	0.0
0.080	200.	0.0	0.0	2451.7	1035.0	2456.49	2455.6
0.080	200.	0.0	0.0	2451.7	1790.0	2457.90	0.0
0.080	200.	0.0	0.0	2451.7	2200.0	2458.44	0.0
0.080	200.	0.0	0.0	2451.7	3395.0	2460.03	0.0
0.080	80.	0.0	0.0	2451.7	1035.0	2457.43	0.0
0.080	80.	0.0	0.0	2451.7	1790.0	2458.57	0.0
0.080	80.	0.0	0.0	2451.7	2200.0	2459.00	0.0
0.080	80.	0.0	0.0	2451.7	3395.0	2460.33	0.0
0.080	10.	2457.7	2457.1	2451.7	1035.0	2459.14	0.0
* 0.080	10.	2457.7	2457.1	2451.7	1790.0	2459.94	0.0
* 0.080	10.	2457.7	2457.1	2451.7	2200.0	2460.20	0.0
0.080	10.	2457.7	2457.1	2451.7	3395.0	2460.94	0.0
0.080	20.	0.0	0.0	2454.0	1035.0	2458.76	2457.9
* 0.080	20.	0.0	0.0	2454.0	1790.0	2459.81	2459.8
* 0.080	20.	0.0	0.0	2454.0	2200.0	2460.25	2460.2
* 0.080	20.	0.0	0.0	2454.0	3395.0	2461.23	2461.2

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRINS
0.150	300.	0.0	0.0	2457.2	1025.0	2462.53	2462.1
0.150	300.	0.0	0.0	2457.2	1770.0	2463.70	2463.4
0.150	300.	0.0	0.0	2457.2	2175.0	2464.10	0.0
0.150	300.	0.0	0.0	2457.2	3350.0	2465.09	0.0
0.160	60.	0.0	0.0	2457.9	1025.0	2463.55	0.0
0.160	60.	0.0	0.0	2457.9	1770.0	2464.48	0.0
0.160	60.	0.0	0.0	2457.9	2175.0	2464.80	0.0
0.160	60.	0.0	0.0	2457.9	3350.0	2465.70	0.0
0.160	31.	2463.8	2462.5	2457.9	1025.0	2464.59	0.0
0.160	31.	2463.8	2462.5	2457.9	1770.0	2465.30	0.0
* 0.160	31.	2463.8	2462.5	2457.9	2175.0	2465.52	0.0
* 0.160	31.	2463.8	2462.5	2457.9	3350.0	2466.05	0.0
0.160	15.	0.0	0.0	2457.9	1025.0	2464.61	0.0
0.160	15.	0.0	0.0	2457.9	1770.0	2465.32	0.0
0.160	15.	0.0	0.0	2457.9	2175.0	2465.54	0.0
0.160	15.	0.0	0.0	2457.9	3350.0	2466.06	0.0
* 0.260	495.	0.0	0.0	2466.0	1005.0	2469.93	2469.9
* 0.260	495.	0.0	0.0	2466.0	1740.0	2471.20	2471.2
* 0.260	495.	0.0	0.0	2466.0	2135.0	2471.69	2471.6
* 0.260	495.	0.0	0.0	2466.0	3290.0	2472.92	2472.9
0.270	40.	0.0	0.0	2466.3	1005.0	2470.82	0.0
0.270	40.	0.0	0.0	2466.3	1740.0	2472.19	0.0
0.270	40.	0.0	0.0	2466.3	2135.0	2472.60	0.0
0.270	40.	0.0	0.0	2466.3	3290.0	2474.37	0.0
* 0.270	10.	2472.2	2471.8	2466.3	1005.0	2472.28	0.0
* 0.270	10.	2472.2	2471.8	2466.3	1740.0	2474.28	0.0
0.270	10.	2472.2	2471.8	2466.3	2135.0	2474.76	0.0
0.270	10.	2472.2	2471.8	2466.3	3290.0	2476.02	0.0
* 0.280	10.	0.0	0.0	2470.0	1005.0	2473.91	2473.9
* 0.280	10.	0.0	0.0	2470.0	1740.0	2475.21	2475.2
* 0.280	10.	0.0	0.0	2470.0	2135.0	2475.73	2475.7
* 0.280	10.	0.0	0.0	2470.0	3290.0	2476.99	2476.9
* 0.420	750.	0.0	0.0	2487.3	980.0	2492.18	2492.1
* 0.420	750.	0.0	0.0	2487.3	1695.0	2493.26	2493.2
* 0.420	750.	0.0	0.0	2487.3	2080.0	2493.61	2493.6
* 0.420	750.	0.0	0.0	2487.3	3205.0	2494.66	2494.6
* 0.430	60.	0.0	0.0	2489.3	980.0	2493.96	2493.9
* 0.430	60.	0.0	0.0	2489.3	1695.0	2495.23	2495.2
* 0.430	60.	0.0	0.0	2489.3	2080.0	2495.62	2495.6
* 0.430	60.	0.0	0.0	2489.3	3205.0	2496.84	2496.8
0.430	10.	2495.2	2494.7	2489.3	980.0	2495.55	0.0
0.430	10.	2495.2	2494.7	2489.3	1695.0	2497.36	0.0
0.430	10.	2495.2	2494.7	2489.3	2080.0	2497.75	0.0
0.430	10.	2495.2	2494.7	2489.3	3205.0	2498.57	0.0

	SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS
	0.430	15.	0.0	0.0	2491.6	980.0	2495.71	0.0
	0.430	15.	0.0	0.0	2491.6	1695.0	2497.50	0.0
	0.430	15.	0.0	0.0	2491.6	2080.0	2497.92	0.0
	0.430	15.	0.0	0.0	2491.6	3205.0	2498.87	0.0
	0.480	145.	0.0	0.0	2492.3	975.0	2496.79	0.0
	0.480	145.	0.0	0.0	2492.3	1680.0	2498.14	0.0
	0.480	145.	0.0	0.0	2492.3	2060.0	2498.61	0.0
	0.480	145.	0.0	0.0	2492.3	3175.0	2499.69	0.0
	0.480	80.	0.0	0.0	2492.3	975.0	2497.46	0.0
*	0.480	80.	0.0	0.0	2492.3	1680.0	2499.06	2499.0
	0.480	80.	0.0	0.0	2492.3	2060.0	2499.47	0.0
	0.480	80.	0.0	0.0	2492.3	3175.0	2500.73	2500.4
*	0.480	10.	2499.8	2499.0	2492.3	975.0	2498.10	0.0
*	0.480	10.	2499.8	2499.0	2492.3	1680.0	2501.89	0.0
*	0.480	10.	2499.8	2499.0	2492.3	2060.0	2502.53	0.0
*	0.480	10.	2499.8	2499.0	2492.3	3175.0	2503.75	0.0
*	0.480	20.	0.0	0.0	2495.5	975.0	2499.09	2499.0
	0.480	20.	0.0	0.0	2495.5	1680.0	2501.78	0.0
	0.480	20.	0.0	0.0	2495.5	2060.0	2502.39	0.0
	0.480	20.	0.0	0.0	2495.5	3175.0	2503.51	0.0
	0.570	440.	0.0	0.0	2502.0	960.0	2507.11	0.0
	0.570	440.	0.0	0.0	2502.0	1650.0	2507.36	0.0
	0.570	440.	0.0	0.0	2502.0	2025.0	2507.88	2507.5
	0.570	440.	0.0	0.0	2502.0	3120.0	2509.37	2508.9
	0.580	80.	0.0	0.0	2502.3	960.0	2507.87	0.0
	0.580	80.	0.0	0.0	2502.3	1650.0	2509.12	0.0
	0.580	80.	0.0	0.0	2502.3	2025.0	2509.74	0.0
	0.580	80.	0.0	0.0	2502.3	3120.0	2511.21	0.0
*	0.580	10.	2511.9	2509.9	2502.3	960.0	2509.15	0.0
*	0.580	10.	2511.9	2509.9	2502.3	1650.0	2511.55	0.0
*	0.580	10.	2511.9	2509.9	2502.3	2025.0	2512.58	0.0
*	0.580	10.	2511.9	2509.9	2502.3	3120.0	2513.98	0.0
*	0.580	20.	0.0	0.0	2505.3	960.0	2509.06	2509.0
	0.580	20.	0.0	0.0	2505.3	1650.0	2511.29	0.0
	0.580	20.	0.0	0.0	2505.3	2025.0	2512.29	0.0
	0.580	20.	0.0	0.0	2505.3	3120.0	2513.57	0.0
	0.690	550.	0.0	0.0	2513.1	940.0	2519.78	0.0
	0.690	550.	0.0	0.0	2513.1	1620.0	2520.36	2520.2
*	0.690	550.	0.0	0.0	2513.1	1985.0	2520.85	2520.8
*	0.690	550.	0.0	0.0	2513.1	3055.0	2522.06	2522.0
*	0.700	40.	0.0	0.0	2515.6	940.0	2520.89	2520.8
*	0.700	40.	0.0	0.0	2515.6	1620.0	2522.50	2522.5
	0.700	40.	0.0	0.0	2515.6	1985.0	2523.01	2523.0
*	0.700	40.	0.0	0.0	2515.6	3055.0	2524.21	2524.2

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIS
0.700	30.	2520.1	2523.1	2515.6	940.0	2522.53	0.0
0.700	30.	2520.1	2523.1	2515.6	1620.0	2523.42	0.0
0.700	30.	2520.1	2523.1	2515.6	1985.0	2523.73	0.0
0.700	30.	2520.1	2523.1	2515.6	3055.0	2524.40	0.0
0.720	40.	0.0	0.0	2516.6	935.0	2522.78	0.0
0.720	40.	0.0	0.0	2516.6	1610.0	2523.76	2522.6
0.720	40.	0.0	0.0	2516.6	1980.0	2524.12	2523.5
* 0.720	40.	0.0	0.0	2516.6	3045.0	2525.27	2525.2
0.720	10.	2522.1	2520.3	2516.6	935.0	2524.16	0.0
* 0.720	10.	2522.1	2520.3	2516.6	1610.0	2525.05	0.0
0.720	10.	2522.1	2520.3	2516.6	1980.0	2525.35	0.0
0.720	10.	2522.1	2520.3	2516.6	3045.0	2525.75	0.0
0.720	10.	0.0	0.0	2518.2	935.0	2524.18	0.0
0.720	10.	0.0	0.0	2518.2	1610.0	2525.08	0.0
0.720	10.	0.0	0.0	2518.2	1980.0	2525.39	0.0
0.720	10.	0.0	0.0	2518.2	3045.0	2525.83	2525.6
0.800	490.	0.0	0.0	2523.5	920.0	2527.85	0.0
0.800	490.	0.0	0.0	2523.5	1585.0	2529.72	0.0
0.800	490.	0.0	0.0	2523.5	1945.0	2530.55	0.0
0.800	490.	0.0	0.0	2523.5	2995.0	2532.71	0.0
0.810	60.	0.0	0.0	2522.5	920.0	2529.38	0.0
0.810	60.	0.0	0.0	2522.5	1585.0	2531.09	0.0
0.810	60.	0.0	0.0	2522.5	1945.0	2531.90	0.0
0.810	60.	0.0	0.0	2522.5	2995.0	2533.88	0.0
* 0.810	10.	2531.8	2528.7	2522.5	920.0	2532.74	0.0
* 0.810	10.	2531.8	2528.7	2522.5	1585.0	2533.93	0.0
* 0.810	10.	2531.8	2528.7	2522.5	1945.0	2534.38	0.0
0.810	10.	2531.8	2528.7	2522.5	2995.0	2535.49	0.0
0.810	15.	0.0	0.0	2524.8	920.0	2532.69	0.0
0.810	15.	0.0	0.0	2524.8	1585.0	2533.83	0.0
0.810	15.	0.0	0.0	2524.8	1945.0	2534.27	0.0
0.810	15.	0.0	0.0	2524.8	2995.0	2535.31	0.0
* 0.910	415.	0.0	0.0	2531.3	905.0	2535.23	2535.2
* 0.910	415.	0.0	0.0	2531.3	1555.0	2536.78	2536.7
* 0.910	415.	0.0	0.0	2531.3	1910.0	2537.78	2537.7
* 0.910	415.	0.0	0.0	2531.3	2935.0	2538.66	2538.6
0.920	40.	0.0	0.0	2531.3	905.0	2536.71	0.0
0.920	40.	0.0	0.0	2531.3	1555.0	2538.48	0.0
0.920	40.	0.0	0.0	2531.3	1910.0	2538.78	0.0
0.920	40.	0.0	0.0	2531.3	2935.0	2539.72	0.0
* 0.920	12.	2536.5	2535.3	2531.3	905.0	2537.31	0.0
* 0.920	12.	2536.5	2535.3	2531.3	1555.0	2538.48	0.0
0.920	12.	2536.5	2535.3	2531.3	1910.0	2538.79	0.0
0.920	12.	2536.5	2535.3	2531.3	2935.0	2539.72	0.0

SECNO	XLCII	ELTRD	ELLC	ELMIN	Q	CWSEL	CRISW
0.920	10.	0.0	0.0	2532.6	905.0	2537.23	2536.4
0.920	10.	0.0	0.0	2532.6	1555.0	2538.52	0.0
0.920	10.	0.0	0.0	2532.6	1910.0	2538.84	0.0
0.920	10.	0.0	0.0	2532.6	2935.0	2539.88	0.0
1.250	1760.	0.0	0.0	2553.6	850.0	2558.42	2558.0
* 1.250	1760.	0.0	0.0	2553.6	1465.0	2559.98	2559.9
* 1.250	1760.	0.0	0.0	2553.6	1795.0	2560.18	2560.1
* 1.250	1760.	0.0	0.0	2553.6	2750.0	2560.78	2560.7
* 1.280	150.	0.0	0.0	2560.2	845.0	2564.61	2564.6
* 1.280	150.	0.0	0.0	2560.2	1455.0	2566.59	2566.5
* 1.280	150.	0.0	0.0	2560.2	1785.0	2566.84	2566.8
* 1.280	150.	0.0	0.0	2560.2	2735.0	2567.34	2567.3
1.590	1690.	0.0	0.0	2584.8	795.0	2590.11	0.0
* 1.590	1690.	0.0	0.0	2584.8	1365.0	2590.46	2590.4
* 1.590	1690.	0.0	0.0	2584.8	1675.0	2591.06	2591.0
* 1.590	1690.	0.0	0.0	2584.8	2565.0	2592.55	2592.5
1.590	40.	0.0	0.0	2584.8	795.0	2590.63	0.0
1.590	40.	0.0	0.0	2584.8	1365.0	2592.03	0.0
1.590	40.	0.0	0.0	2584.8	1675.0	2592.73	0.0
1.590	40.	0.0	0.0	2584.8	2565.0	2594.39	0.0
1.590	12.	2594.5	2592.3	2584.8	795.0	2590.65	0.0
1.590	12.	2594.5	2592.3	2584.8	1365.0	2592.07	0.0
1.590	12.	2594.5	2592.3	2584.8	1675.0	2592.77	0.0
1.590	12.	2594.5	2592.3	2584.8	2565.0	2594.79	0.0
* 1.600	10.	0.0	0.0	2588.0	795.0	2591.98	2591.9
* 1.600	10.	0.0	0.0	2588.0	1365.0	2593.13	2593.1
* 1.600	10.	0.0	0.0	2588.0	1675.0	2593.64	2593.6
* 1.600	10.	0.0	0.0	2588.0	2565.0	2595.01	2595.0
1.870	1450.	0.0	0.0	2621.5	750.0	2625.62	0.0
* 1.870	1450.	0.0	0.0	2621.5	1285.0	2626.72	2626.7
* 1.870	1450.	0.0	0.0	2621.5	1575.0	2627.54	2627.5
* 1.870	1450.	0.0	0.0	2621.5	2405.0	2628.37	2628.3
* 1.880	80.	0.0	0.0	2625.6	750.0	2629.66	2629.6
* 1.880	80.	0.0	0.0	2625.6	1285.0	2631.82	2631.8
* 1.880	80.	0.0	0.0	2625.6	1575.0	2632.13	2632.1
* 1.880	80.	0.0	0.0	2625.6	2405.0	2632.77	2632.7
1.880	16.	2631.5	2629.4	2625.6	750.0	2631.25	0.0
1.880	16.	2631.5	2629.4	2625.6	1285.0	2633.35	0.0
1.880	16.	2631.5	2629.4	2625.6	1575.0	2633.66	0.0
1.880	16.	2631.5	2629.4	2625.6	2405.0	2634.30	0.0
1.880	10.	0.0	0.0	2625.6	750.0	2631.69	0.0
1.880	10.	0.0	0.0	2625.6	1285.0	2633.49	0.0
1.880	10.	0.0	0.0	2625.6	1575.0	2633.83	0.0
1.880	10.	0.0	0.0	2625.6	2405.0	2634.54	0.0

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS
1.900	35.	0.0	0.0	2626.1	745.0	2631.73	0.0
1.900	35.	0.0	0.0	2626.1	1280.0	2633.49	0.0
1.900	35.	0.0	0.0	2626.1	1565.0	2633.76	2632.9
1.900	35.	0.0	0.0	2626.1	2395.0	2634.46	0.0
1.900	10.	0.0	0.0	2626.1	745.0	2631.90	0.0
1.900	10.	0.0	0.0	2626.1	1280.0	2633.57	0.0
1.900	10.	0.0	0.0	2626.1	1565.0	2633.84	0.0
1.900	10.	0.0	0.0	2626.1	2395.0	2634.52	0.0
1.900	32.	2633.6	2631.9	2626.1	745.0	2632.52	0.0
1.900	32.	2633.6	2631.9	2626.1	1280.0	2634.74	0.0
1.900	32.	2633.6	2631.9	2626.1	1565.0	2635.05	0.0
1.900	32.	2633.6	2631.9	2626.1	2395.0	2635.77	0.0
1.900	10.	0.0	0.0	2628.3	745.0	2632.48	0.0
1.900	10.	0.0	0.0	2628.3	1280.0	2634.73	0.0
1.900	10.	0.0	0.0	2628.3	1565.0	2635.04	0.0
1.900	10.	0.0	0.0	2628.3	2395.0	2635.76	0.0
* 2.170	1370.	0.0	0.0	2662.6	705.0	2666.48	2666.4
* 2.170	1370.	0.0	0.0	2662.6	1200.0	2667.69	2667.6
* 2.170	1370.	0.0	0.0	2662.6	1470.0	2668.25	2668.2
* 2.170	1370.	0.0	0.0	2662.6	2240.0	2669.56	2669.5
* 2.180	60.	0.0	0.0	2664.1	705.0	2667.99	2667.9
* 2.180	60.	0.0	0.0	2664.1	1200.0	2669.22	2669.2
* 2.180	60.	0.0	0.0	2664.1	1470.0	2669.77	2669.7
* 2.180	60.	0.0	0.0	2664.1	2240.0	2671.07	2671.0
* 2.180	12.	2671.0	2669.6	2664.1	705.0	2668.40	0.0
* 2.180	12.	2671.0	2669.6	2664.1	1200.0	2671.61	0.0
* 2.180	12.	2671.0	2669.6	2664.1	1470.0	2672.42	0.0
* 2.180	12.	2671.0	2669.6	2664.1	2240.0	2673.12	0.0
2.180	15.	0.0	0.0	2664.1	705.0	2668.88	0.0
2.180	15.	0.0	0.0	2664.1	1200.0	2671.69	0.0
2.180	15.	0.0	0.0	2664.1	1470.0	2672.49	0.0
2.180	15.	0.0	0.0	2664.1	2240.0	2673.28	0.0
* 2.210	35.	0.0	0.0	2667.6	700.0	2671.37	2671.3
* 2.210	35.	0.0	0.0	2667.6	1195.0	2672.51	2672.5
* 2.210	35.	0.0	0.0	2667.6	1460.0	2673.00	2673.0
* 2.210	35.	0.0	0.0	2667.6	2225.0	2674.28	2674.2
2.210	80.	0.0	0.0	2667.6	700.0	2673.07	0.0
2.210	80.	0.0	0.0	2667.6	1195.0	2674.22	0.0
2.210	80.	0.0	0.0	2667.6	1460.0	2674.65	0.0
2.210	80.	0.0	0.0	2667.6	2225.0	2676.35	0.0
2.210	39.	2675.5	2673.7	2667.6	700.0	2673.13	0.0
2.210	39.	2675.5	2673.7	2667.6	1195.0	2675.14	0.0
2.210	39.	2675.5	2673.7	2667.6	1460.0	2676.62	0.0
2.210	39.	2675.5	2673.7	2667.6	2225.0	2678.27	0.0



SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRTWS
* 2.210	20.	0.0	0.0	2669.6	700.0	2673.36	2673.3
2.210	20.	0.0	0.0	2669.6	1195.0	2675.07	0.0
2.210	20.	0.0	0.0	2669.6	1460.0	2676.38	0.0
2.210	20.	0.0	0.0	2669.6	2225.0	2677.98	0.0
2.290	380.	0.0	0.0	2677.5	685.0	2681.62	0.0
* 2.290	380.	0.0	0.0	2677.5	1170.0	2682.32	2682.3
* 2.290	380.	0.0	0.0	2677.5	1430.0	2682.79	2682.7
* 2.290	380.	0.0	0.0	2677.5	2180.0	2683.85	2683.8

AYLES CREEK

100 YR FLOODWAY

FLOODWAY DATA, AYLES CREEK

REVISED 11-4-81

PROFILE NO. 2

STATION	WIDTH (FT)	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
0.030 D.S.*	55.	303.	7.3	2456.9	2455.9	1.0
<del>0.030</del>	<del>55.</del>	<del>320.</del>	<del>6.9</del>	<del>2457.2</del>	<del>2456.6</del>	<del>0.6</del>
<del>0.030</del>	<del>55.</del>	<del>373.</del>	<del>6.0</del>	<del>2458.2</del>	<del>2457.3</del>	<del>0.9</del>
0.030 U.S.*	55.	324.	6.9	2458.1	2457.5	0.6
0.080 D.S.*	150.	575.	3.8	2459.4	2458.4	1.0
<del>0.080</del>	<del>150.</del>	<del>617.</del>	<del>3.6</del>	<del>2459.7</del>	<del>2459.0</del>	<del>0.7</del>
<del>0.080</del>	<del>150.</del>	<del>864.</del>	<del>2.5</del>	<del>2461.4</del>	<del>2460.2</del>	<del>1.2</del>
0.080 U.S.*	150.	470.	4.7	2461.0	2460.2	0.8
<del>0.150</del>	<del>150.</del>	<del>352.</del>	<del>6.2</del>	<del>2464.1</del>	<del>2464.1</del>	<del>0.0</del>
0.160 D.S.*	150.	413.	5.3	2465.0	2464.8	0.2
<del>0.160</del>	<del>150.</del>	<del>501.</del>	<del>3.7</del>	<del>2466.1</del>	<del>2465.5</del>	<del>0.6</del>
0.160 U.S.*	150.	578.	3.8	2466.1	2465.5	0.6
<del>0.260</del>	<del>60.</del>	<del>232.</del>	<del>9.2</del>	<del>2471.7</del>	<del>2471.7</del>	<del>0.0</del>
0.270 D.S.*	60.	252.	8.5	2472.7	2472.6	0.1
0.270 U.S.*	60.	431.	5.0	2475.2	2474.8	0.4
<del>0.280</del>	<del>60.</del>	<del>234.</del>	<del>9.1</del>	<del>2475.7</del>	<del>2475.7</del>	<del>0.0</del>
<del>0.420</del>	<del>45.</del>	<del>303.</del>	<del>6.9</del>	<del>2493.7</del>	<del>2493.6</del>	<del>0.1</del>
0.430 D.S.*	45.	293.	7.1	2495.6	2495.6	0.0
<del>0.430</del>	<del>45.</del>	<del>546.</del>	<del>3.0</del>	<del>2498.2</del>	<del>2497.8</del>	<del>0.4</del>
0.430 U.S.*	45.	495.	4.2	2498.5	2497.9	0.6
0.480 D.S.*	60.	277.	7.4	2499.0	2498.6	0.4
<del>0.480</del>	<del>60.</del>	<del>310.</del>	<del>6.5</del>	<del>2499.7</del>	<del>2499.5</del>	<del>0.2</del>
<del>0.480</del>	<del>60.</del>	<del>493.</del>	<del>4.2</del>	<del>2502.6</del>	<del>2502.5</del>	<del>0.1</del>
0.480 U.S.*	60.	299.	6.9	2502.6	2502.4	0.2
<del>0.570</del>	<del>45.</del>	<del>195.</del>	<del>10.4</del>	<del>2507.9</del>	<del>2507.9</del>	<del>0.0</del>
0.580 D.S.*	45.	264.	7.7	2509.8	2509.7	0.1
<del>0.580</del>	<del>45.</del>	<del>403.</del>	<del>5.3</del>	<del>2512.8</del>	<del>2512.6</del>	<del>0.2</del>
0.580 U.S.*	45.	259.	7.8	2512.6	2512.3	0.3
<del>0.690</del>	<del>90.</del>	<del>261.</del>	<del>7.6</del>	<del>2523.9</del>	<del>2520.9</del>	<del>3.0</del>
0.700 D.S.*	90.	270.	7.3	2523.0	2523.0	0.0
0.700 U.S.*	90.	391.	5.1	2524.3	2523.7	0.6
0.720 D.S.*	60.	235.	8.4	2524.6	2524.1	0.5
<del>0.720</del>	<del>60.</del>	<del>310.</del>	<del>6.3</del>	<del>2525.9</del>	<del>2525.4</del>	<del>0.5</del>
0.720 U.S.*	60.	303.	6.5	2526.0	2525.4	0.6
<del>0.800</del>	<del>70.</del>	<del>201.</del>	<del>9.1</del>	<del>2530.5</del>	<del>2530.5</del>	<del>0.0</del>
0.810 D.S.*	70.	363.	5.4	2531.9	2531.9	0.0
<del>0.810</del>	<del>70.</del>	<del>580.</del>	<del>3.3</del>	<del>2535.1</del>	<del>2534.4</del>	<del>0.7</del>
0.810 U.S.*	70.	419.	4.6	2535.0	2534.3	0.7
<del>0.910</del>	<del>70.</del>	<del>185.</del>	<del>10.3</del>	<del>2537.8</del>	<del>2537.8</del>	<del>0.0</del>
0.920 D.S.*	70.	292.	6.5	2538.9	2538.8	0.1
<del>0.920</del>	<del>70.</del>	<del>351.</del>	<del>5.4</del>	<del>2539.7</del>	<del>2538.8</del>	<del>0.9</del>
0.920 U.S.*	70.	308.	6.2	2539.7	2538.8	0.9
<del>1.250</del>	<del>40.</del>	<del>152.</del>	<del>11.0</del>	<del>2560.4</del>	<del>2560.2</del>	<del>0.2</del>
1.280	40.	151.	11.8	2567.0	2566.8	0.2
1.590 D.S.*	45.	183.	9.1	2592.1	2591.1	1.0
<del>1.590</del>	<del>45.</del>	<del>211.</del>	<del>7.9</del>	<del>2592.8</del>	<del>2592.7</del>	<del>0.1</del>
1.590 U.S.*	45.	215.	7.8	2592.9	2592.8	0.1
<del>1.870</del>	<del>50.</del>	<del>153.</del>	<del>10.3</del>	<del>2627.5</del>	<del>2627.5</del>	<del>0.0</del>
1.880 D.S.*	50.	179.	8.8	2632.1	2632.1	0.0

FLOODWAY DATA, AYLES CREEK

PROFILE NO. 2

STATION	WIDTH (FT)	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION		
				WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
1.883	50.	292.	5.4	2633.9	2633.7	0.2
1.880 <i>u.s.*</i>	50.	321.	4.9	2634.5	2633.8	0.7
1.900 <i>d.s.*</i>	70.	294.	5.3	2634.6	2633.8	0.8
1.900	70.	297.	5.3	2634.6	2633.8	0.8
1.900	70.	384.	4.1	2635.9	2635.0	0.9
1.900 <i>u.s.*</i>	70.	358.	4.4	2635.9	2635.0	0.9
2.170	60.	136.	10.8	2668.3	2668.3	0.0
2.180 <i>d.s.*</i>	60.	135.	10.9	2669.8	2669.8	0.0
2.180	60.	256.	5.7	2672.5	2672.4	0.1
2.180 <i>u.s.*</i>	60.	259.	5.7	2672.5	2672.5	0.0
2.210 <i>d.s.*</i>	30.	127.	11.5	2673.0	2673.0	0.0
2.210	30.	205.	7.1	2675.6	2674.6	1.0
2.210	30.	259.	5.6	2677.4	2676.6	0.8
2.210 <i>u.s.*</i>	30.	196.	7.4	2677.3	2676.4	0.9
2.290	40.	138.	10.4	2682.8	2682.8	0.0

\* 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/

AYLES CREEK

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	PERENC	STENCL	STENCR
0.030	2455.91	0.0	2457.28	94.	0.	0.	0.
0.030	2456.91	1.00	2457.92	55.	55.	610.	665.
0.030	2456.61	0.0	2457.61	95.	0.	0.	0.
0.030	2457.23	0.62	2458.14	55.	55.	610.	665.
0.030	2457.27	0.0	2458.02	96.	0.	0.	0.
0.030	2458.17	0.89	2458.86	55.	55.	610.	665.
0.030	2457.50	0.0	2458.08	165.	0.	0.	0.
0.030	2458.09	0.59	2459.02	55.	55.	610.	665.
0.080	2458.44	0.0	2459.02	274.	0.	0.	0.
0.080	2459.42	0.97	2459.85	150.	150.	325.	475.
0.080	2459.00	0.0	2459.35	292.	0.	0.	0.
0.080	2459.70	0.70	2460.07	150.	150.	325.	475.
* 0.080	2460.20	0.0	2460.35	311.	0.	0.	0.
* 0.080	2461.35	1.15	2461.53	150.	150.	325.	475.
* 0.080	2460.25	0.0	2461.50	258.	0.	0.	0.
0.080	2461.02	0.77	2461.95	150.	150.	325.	475.
0.150	2464.10	0.0	2464.88	242.	0.	0.	0.
0.150	2463.89	-0.20	2464.98	150.	150.	425.	575.
0.160	2464.80	0.0	2465.59	242.	0.	0.	0.
0.160	2465.00	0.20	2465.78	150.	150.	425.	575.
* 0.160	2465.52	0.0	2465.91	292.	0.	0.	0.
* 0.160	2466.12	0.60	2466.49	150.	150.	425.	575.
0.160	2465.54	0.0	2466.04	294.	0.	0.	0.
0.160	2466.13	0.59	2466.60	150.	150.	425.	575.
* 0.260	2471.69	0.0	2473.46	84.	0.	0.	0.
* 0.260	2471.56	-0.13	2473.63	60.	60.	50.	110.

SECNU	UNSEL	DIFKWS	EG	TOPWID	PERENC	STENCL	STENCR
0.270	2472.60	0.0	2474.11	70.	0.	0.	0.
0.270	2472.74	0.14	2474.35	50.	60.	50.	110.
0.270	2474.76	0.0	2475.26	102.	0.	0.	0.
0.270	2475.17	0.41	2475.81	60.	60.	50.	110.
* 0.280	2475.73	0.0	2477.55	84.	0.	0.	0.
* 0.280	2475.59	-0.14	2477.72	60.	60.	50.	110.
* 0.420	2493.61	0.0	2495.10	126.	0.	0.	0.
0.420	2493.67	0.06	2495.25	95.	95.	160.	255.
* 0.430	2495.62	0.0	2497.10	124.	0.	0.	0.
* 0.430	2495.57	-0.05	2497.26	95.	95.	160.	255.
0.430	2497.75	0.0	2498.19	155.	0.	0.	0.
0.430	2498.22	0.47	2498.70	95.	95.	160.	255.
0.430	2497.92	0.0	2498.25	123.	0.	0.	0.
0.430	2498.48	0.56	2498.76	95.	95.	160.	255.
0.480	2498.61	0.0	2499.61	66.	0.	0.	0.
0.480	2498.99	0.37	2499.85	58.	60.	40.	100.
0.480	2499.47	0.0	2500.81	72.	0.	0.	0.
0.480	2499.67	0.20	2500.94	59.	60.	40.	100.
* 0.480	2502.53	0.0	2502.86	164.	0.	0.	0.
* 0.480	2502.57	0.04	2503.11	60.	60.	40.	100.
0.480	2502.39	0.0	2503.16	70.	0.	0.	0.
0.480	2502.57	0.18	2503.31	58.	60.	40.	100.
0.570	2507.88	0.0	2509.59	56.	0.	0.	0.
0.570	2507.92	0.04	2509.61	45.	45.	200.	245.
0.580	2509.74	0.0	2510.68	44.	0.	0.	0.
0.580	2509.81	0.06	2510.72	44.	45.	200.	245.
* 0.580	2512.58	0.0	2512.91	110.	0.	0.	0.
* 0.580	2512.84	0.26	2513.24	45.	45.	200.	245.
0.580	2512.29	0.0	2513.35	68.	0.	0.	0.
0.580	2512.64	0.35	2513.61	45.	45.	200.	245.
* 0.690	2520.85	0.0	2522.49	115.	0.	0.	0.
* 0.690	2520.76	-0.09	2522.58	90.	90.	190.	280.
* 0.700	2523.01	0.0	2524.67	111.	0.	0.	0.
* 0.700	2522.95	-0.06	2524.71	90.	90.	190.	280.
0.700	2523.73	0.0	2524.81	121.	0.	0.	0.
0.700	2524.29	0.56	2525.17	90.	90.	190.	290.
0.720	2524.12	0.0	2525.89	74.	0.	0.	0.
0.720	2524.57	0.45	2526.05	60.	60.	75.	135.

SECNO	CWSEL	DIFKWS	EG	TOPWID.	PERENC	STENCL	STENCR
0.720	2525.35	0.0	2526.40	79.	0.	0.	0.
0.720	2525.93	0.57	2526.84	60.	60.	75.	135.
0.720	2525.39	0.0	2526.50	79.	0.	0.	0.
0.720	2525.95	0.56	2526.98	60.	60.	75.	135.
0.800	2530.55	0.0	2531.94	52.	0.	0.	0.
0.800	2530.42	-0.13	2531.88	48.	70.	65.	135.
0.810	2531.90	0.0	2532.46	92.	0.	0.	0.
0.810	2531.87	-0.03	2532.45	70.	70.	65.	135.
* 0.810	2534.38	0.0	2534.64	119.	0.	0.	0.
* 0.810	2535.06	0.67	2535.30	70.	70.	65.	135.
0.810	2534.27	0.0	2534.81	93.	0.	0.	0.
0.810	2534.98	0.72	2535.42	70.	70.	65.	135.
* 0.910	2537.78	0.0	2538.91	220.	0.	0.	0.
* 0.910	2537.33	-0.45	2539.21	70.	70.	230.	300.
0.920	2538.78	0.0	2539.26	253.	0.	0.	0.
0.920	2538.86	0.08	2539.76	70.	70.	230.	300.
* 0.920	2538.79	0.0	2539.26	254.	0.	0.	0.
* 0.920	2539.70	0.92	2540.35	70.	70.	230.	300.
0.920	2538.84	0.0	2539.31	256.	0.	0.	0.
0.920	2539.66	0.82	2540.50	70.	70.	230.	300.
* 1.250	2560.18	0.0	2560.93	355.	0.	0.	0.
* 1.250	2560.42	0.24	2562.74	40.	40.	410.	450.
* 1.280	2566.84	0.0	2567.52	357.	0.	0.	0.
* 1.280	2566.98	0.14	2569.32	40.	40.	410.	450.
* 1.590	2591.06	0.0	2593.15	35.	0.	0.	0.
1.590	2592.12	1.05	2593.42	39.	45.	55.	100.
1.590	2592.73	0.0	2593.74	40.	0.	0.	0.
1.590	2592.83	0.10	2593.80	41.	45.	55.	100.
1.590	2592.77	0.0	2593.77	41.	0.	0.	0.
1.590	2592.91	0.15	2593.86	41.	45.	55.	100.
* 1.600	2593.64	0.0	2595.48	43.	0.	0.	0.
* 1.600	2593.65	0.01	2595.48	43.	45.	55.	100.
* 1.870	2627.54	0.0	2628.49	322.	0.	0.	0.
1.870	2627.05	-0.49	2628.69	46.	50.	275.	325.
* 1.880	2632.13	0.0	2633.07	336.	0.	0.	0.
* 1.880	2631.67	-0.46	2633.85	47.	50.	275.	325.
1.880	2633.66	0.0	2633.87	347.	0.	0.	0.
1.880	2633.93	0.27	2634.84	50.	50.	275.	325.

SECNO	CWSEL	DIFKWS	EG	TOPWID	PERENC	STENCL	STENCR
1.880	2633.83	0.0	2633.90	348.	0.	0.	0.
1.880	2634.52	0.70	2634.92	50.	50.	275.	325.
1.900	2633.76	0.0	2634.50	206.	0.	0.	0.
1.900	2634.60	0.84	2635.19	70.	70.	575.	645.
1.900	2633.84	0.0	2634.57	207.	0.	0.	0.
1.900	2634.64	0.80	2635.24	70.	70.	575.	645.
1.900	2635.05	0.0	2635.32	414.	0.	0.	0.
1.900	2635.88	0.83	2636.25	70.	70.	575.	645.
1.900	2635.04	0.0	2635.38	414.	0.	0.	0.
1.900	2635.86	0.82	2636.31	70.	70.	575.	645.
* 2.170	2668.25	0.0	2670.08	38.	0.	0.	0.
* 2.170	2668.25	0.00	2670.08	38.	60.	120.	180.
* 2.180	2669.77	0.0	2671.53	38.	0.	0.	0.
* 2.180	2669.75	-0.01	2671.58	38.	60.	120.	180.
* 2.180	2672.42	0.0	2672.94	51.	0.	0.	0.
* 2.180	2672.47	0.05	2672.98	51.	60.	120.	180.
2.180	2672.49	0.0	2673.00	51.	0.	0.	0.
2.180	2672.54	0.05	2673.04	51.	60.	120.	180.
* 2.210	2673.00	0.0	2674.66	71.	0.	0.	0.
* 2.210	2672.97	-0.02	2675.20	30.	30.	60.	90.
2.210	2674.65	0.0	2675.86	27.	0.	0.	0.
2.210	2675.56	0.91	2676.44	30.	30.	60.	90.
2.210	2676.62	0.0	2676.85	201.	0.	0.	0.
2.210	2677.37	0.75	2677.92	30.	30.	60.	90.
2.210	2676.38	0.0	2677.22	94.	0.	0.	0.
2.210	2677.27	0.89	2678.23	30.	30.	60.	90.
* 2.290	2682.79	0.0	2684.42	54.	0.	0.	0.
* 2.290	2682.84	0.05	2684.66	40.	40.	50.	90.

SUMMARY OF ERRORS

CAUTION SECNO= 0.080 PROFILE= 1 HYDRAULIC JUMP D.S.

CAUTION SECNO= 0.080 PROFILE= 2 HYDRAULIC JUMP D.S.

CAUTION SECNO= 0.080 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.080 PROFILE= 1

UNOBTAINABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 0.080 PROFILE= 1

20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 0.160 PROFILE= 1 HYDRAULIC JUMP D.S.

CAUTION SECNO= 0.160 PROFILE= 2 HYDRAULIC JUMP D.S.

CAUTION SECNO= 0.260 PROFILE= 1 CRITICAL DEPTH ASSUMED