

SURFACE PRINTOUT FOR MULTIPLE PROFILES

SECTION CHANNEL WIN' EL OF MAX EL OF  
NUMBER LENGTH BROADWAY LTM CHORD

SECTION NUMBER	CHANNEL LENGTH	WIN' BROADWAY	EL OF	MAX EL OF	LTM CHORD	MTN EL	DISCHARGE (CFS)	CWSEL	GAWS	EG	TOP MID	10K'S	TIME	VOL
0.20	0.0	0.0	0.0	0.0	0.0	2110.30	295.00	2114.56	C.0	2114.57	226.15	2.60	0.0	0.0
0.21	0.1	0.0	0.0	0.0	0.0	2110.30	470.00	2115.19	C.0	2115.20	235.51	3.32	0.0	0.0
0.22	0.3	0.0	0.0	0.0	0.0	2110.30	595.00	2115.35	C.0	2115.37	237.97	4.40	0.0	0.0
0.23	C.0	0.0	0.0	0.0	0.0	2110.30	835.00	2116.50	0.0	2116.52	258.57	3.43	0.0	0.0
0.31	590.00	0.0	0.0	0.0	0.0	2113.20	285.00	2117.43	2117.43	2119.05	83.74	145.50	0.02	3.61
0.31	500.00	0.0	0.0	0.0	0.0	2113.20	455.00	2118.02	2118.02	2118.67	136.23	133.55	0.02	4.82
0.31	500.00	0.0	0.0	0.0	0.0	2113.20	570.00	2118.33	2118.33	2119.95	163.09	126.05	0.03	5.30
0.31	500.00	0.0	0.0	0.0	0.0	2113.20	815.00	2118.67	2118.67	2119.40	193.13	149.40	0.02	7.28
0.54	820.00	0.0	0.0	0.0	0.0	2123.10	220.00	2127.38	C.0	2127.55	22.72	96.00	0.06	4.68
0.54	820.00	0.0	0.0	0.0	0.0	2123.10	360.00	2128.20	C.0	2129.03	30.78	115.83	0.06	6.71
0.54	820.00	0.0	0.0	0.0	0.0	2123.10	450.00	2128.57	C.0	2129.54	31.83	128.38	0.06	7.75
0.54	820.00	0.0	0.0	0.0	0.0	2123.10	670.00	2129.62	C.0	2130.65	34.79	121.25	0.05	10.61
0.54	100.00	0.0	0.0	0.0	0.0	2124.80	220.00	2128.43	C.0	2129.00	10.00	116.50	0.07	4.77
0.54	100.00	0.0	0.0	0.0	0.0	2124.80	360.00	2129.45	C.0	2130.36	10.00	148.62	0.06	6.84
0.54	100.00	0.0	0.0	0.0	0.0	2124.80	450.00	2129.93	C.0	2131.12	10.00	173.69	0.06	7.88
0.54	100.00	0.0	0.0	0.0	0.0	2124.80	670.00	2130.83	C.0	2132.75	10.00	239.74	0.06	10.81
0.54	2.00	2132.90	2131.50	2131.50	2124.80	220.00	2129.00	2129.46	0.0	2129.02	16.55	47.77	0.07	4.77
0.54	2.00	2132.90	2131.50	2131.50	2124.80	360.00	2129.00	2129.48	0.0	2130.40	25.00	56.30	0.06	6.84
0.54	2.00	2132.90	2131.50	2131.50	2124.80	450.00	2129.00	2129.96	0.0	2131.15	30.66	63.42	0.06	7.88
0.54	2.00	2132.90	2131.50	2131.50	2124.80	670.00	2129.00	2130.91	0.0	2132.78	33.33	80.17	0.06	10.81
0.54	120.00	2132.50	2131.50	2131.50	2124.80	220.00	2129.00	2129.06	C.0	2129.47	21.52	28.77	0.07	4.88
0.54	120.00	2132.50	2131.50	2131.50	2124.80	360.00	2129.00	2130.26	C.0	2130.94	31.52	33.48	0.07	6.98
0.54	120.00	2132.50	2131.50	2131.50	2124.80	450.00	2129.00	2130.90	C.0	2131.74	33.32	36.23	0.06	8.04
0.54	120.00	2132.50	2131.50	2131.50	2124.80	670.00	2129.00	2132.39	2129.96	2133.94	277.69	113.57	0.06	10.99
0.54	2.00	0.0	C.0	C.0	2124.80	220.00	2129.00	2129.19	C.0	2129.45	22.53	22.09	0.07	4.88
0.54	2.00	0.0	C.0	C.0	2124.80	360.00	2129.00	2130.74	C.0	2130.58	32.85	13.33	0.07	6.98
0.54	2.00	0.0	C.0	C.0	2124.80	450.00	2129.00	2131.59	C.0	2131.81	35.51	10.25	0.06	8.04
0.54	2.00	0.0	C.0	C.0	2124.80	670.00	2129.00	2134.09	C.0	2134.10	413.49	0.69	0.06	11.01
0.54	10.00	0.0	0.0	0.0	2125.60	220.00	2129.00	2129.03	2129.03	2130.06	15.91	102.35	0.07	4.88
0.54	10.00	0.0	0.0	0.0	2125.60	360.00	2129.00	2130.56	C.0	2131.20	28.24	43.11	0.07	7.01
0.54	10.00	0.0	0.0	0.0	2125.60	450.00	2129.00	2131.50	C.0	2131.93	33.02	24.49	0.06	8.07
0.54	11.00	0.0	0.0	0.0	2125.60	670.00	2129.00	2134.08	C.0	2134.11	348.04	1.83	0.06	11.17
0.71	850.00	0.0	0.0	0.0	2139.80	175.00	2143.13	2143.13	2143.13	2143.85	22.09	64.75	0.11	5.46
0.71	850.00	0.0	0.0	0.0	2139.80	300.00	2143.95	2143.95	2143.95	2144.68	37.51	52.14	0.10	8.13
0.71	850.00	0.0	0.0	0.0	2139.80	370.00	2144.29	2144.29	2144.29	2144.98	49.49	47.04	0.10	9.62
0.71	850.00	0.0	0.0	0.0	2139.80	570.00	2144.81	2144.81	2144.81	2145.58	65.80	49.66	0.10	17.75
0.74	180.00	0.0	0.0	0.0	2146.50	110.00	2148.99	2148.99	2148.99	2149.85	10.56	147.61	0.11	5.55
0.74	180.00	0.0	0.0	0.0	2146.50	175.00	2149.83	2149.83	2149.83	2150.69	22.16	96.45	0.11	8.27
0.74	180.00	0.0	0.0	0.0	2146.50	215.00	2150.19	2150.19	2150.19	2151.04	27.14	85.71	0.11	9.84
0.74	180.00	0.0	0.0	0.0	2146.50	347.00	2151.00	2151.00	2151.00	2151.76	48.83	67.04	0.10	18.00

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CASEL	CRWS	CG	TOPWID	LOK'S	TIME	VOL
0.78	160.00	0.0	0.0	2148.40	110.00	2151.38	0.0	2152.06	10.18	122.64	0.12	5.62
0.78	160.00	0.0	0.0	2148.40	175.00	2151.81	2151.81	2152.95	11.43	173.12	0.11	8.40
0.78	160.00	0.0	0.0	2148.40	215.00	2152.18	2152.18	2153.43	12.51	168.20	0.11	9.56
0.78	160.00	0.0	0.0	2148.40	340.00	2153.16	2153.16	2154.68	15.33	159.47	0.11	18.28
0.78	50.00	0.0	0.0	2149.20	110.00	2152.02	0.0	2152.85	7.61	159.33	0.12	5.63
0.78	50.00	0.0	0.0	2149.20	175.00	2152.66	0.0	2153.83	8.01	170.87	0.12	8.42
0.78	50.00	0.0	0.0	2149.20	215.00	2153.00	2152.98	2154.38	8.21	178.56	0.11	9.99
0.78	50.00	0.0	0.0	2149.20	340.00	2154.03	2154.03	2155.82	8.85	173.35	0.11	18.33
0.78	30.00	2159.10	2151.10	2149.20	110.00	2158.71	0.0	2158.71	124.61	0.19	0.14	5.75
0.78	30.00	2158.10	2151.10	2149.20	175.00	2159.02	0.0	2159.02	129.87	0.34	0.13	8.55
0.78	30.00	2158.10	2151.10	2149.20	215.00	2159.16	0.0	2159.17	132.36	0.45	0.13	10.12
0.78	30.00	2158.10	2151.10	2149.20	340.00	2159.53	0.0	2159.54	138.66	0.80	0.12	18.49
0.78	10.00	0.0	0.0	2150.60	110.00	2158.71	0.0	2158.72	112.65	1.28	0.15	5.81
0.78	10.00	0.0	0.0	2150.60	175.00	2159.01	0.0	2159.03	120.77	2.20	0.13	8.62
0.78	10.00	0.0	0.0	2150.60	215.00	2159.15	0.0	2159.18	123.53	2.77	0.13	10.19
0.78	10.00	0.0	0.0	2150.60	340.00	2159.52	0.0	2159.56	130.65	4.47	0.12	18.57
0.98	880.00	0.0	0.0	2173.00	90.00	2174.99	2174.99	2175.79	7.96	271.31	0.18	7.64
0.98	880.00	0.0	0.0	2173.00	140.00	2175.57	2175.57	2176.58	8.82	262.78	0.16	11.16
0.98	880.00	0.0	0.0	2173.00	165.00	2175.83	2175.83	2176.91	9.68	258.83	0.16	12.94
0.98	880.00	0.0	0.0	2173.00	270.00	2177.10	2177.10	2177.91	44.40	130.80	0.16	22.08
0.98	30.00	0.0	0.0	2173.00	90.00	2175.84	0.0	2176.16	10.04	57.50	0.19	7.95
0.98	30.00	0.0	0.0	2173.00	140.00	2176.57	0.0	2176.94	24.42	52.03	0.17	11.18
0.98	30.00	0.0	0.0	2173.00	165.00	2176.91	0.0	2177.26	31.27	45.34	0.16	12.96
0.98	30.00	0.0	0.0	2173.00	270.00	2177.92	0.0	2178.11	85.63	23.24	0.16	22.13
0.98	20.00	2177.20	2175.00	2173.00	90.00	2178.01	0.0	2178.03	86.59	2.13	0.19	7.98
0.98	20.00	2177.20	2175.00	2173.00	140.00	2178.27	0.0	2178.30	88.67	3.46	0.17	11.22
0.98	20.00	2177.20	2175.00	2173.00	165.00	2178.38	0.0	2178.42	89.63	4.05	0.17	13.00
0.98	20.00	2177.20	2175.00	2173.00	270.00	2178.79	0.0	2178.84	93.05	6.13	0.16	22.20
0.98	10.00	0.0	0.0	2173.00	90.00	2178.01	0.0	2178.03	86.52	2.16	0.19	8.01
0.98	10.00	0.0	0.0	2173.00	140.00	2178.27	0.0	2178.30	88.79	3.44	0.17	11.25
0.98	10.00	0.0	0.0	2173.00	165.00	2178.39	0.0	2178.42	89.67	4.02	0.17	13.04
0.98	10.00	0.0	0.0	2173.00	270.00	2178.80	0.0	2178.85	93.17	6.02	0.16	22.24
1.01	50.00	0.0	0.0	2180.80	90.00	2182.79	2182.79	2183.54	7.96	207.00	0.19	8.08
1.01	50.00	0.0	0.0	2180.80	140.00	2183.38	2183.38	2184.38	8.83	198.41	0.17	11.34
1.01	50.00	0.0	0.0	2180.80	165.00	2183.62	2183.62	2184.71	9.55	200.10	0.17	13.14
1.01	50.00	0.0	0.0	2180.80	270.00	2184.88	2184.88	2185.63	43.61	94.47	0.17	22.38
1.01	30.00	0.0	0.0	2186.00	90.00	2188.00	2188.00	2189.76	7.57	204.32	0.19	8.09
1.01	30.00	0.0	0.0	2186.00	140.00	2188.57	2188.57	2189.57	8.82	200.10	0.19	11.35
1.01	30.00	0.0	0.0	2186.00	165.00	2188.83	2188.83	2189.91	9.18	197.01	0.17	13.15
1.01	30.00	0.0	0.0	2186.00	270.00	2190.10	2190.10	2190.83	44.97	91.44	0.17	22.41

SECTION: CHANNEL MIN EL OF MAX EL OF MIN EL DISCHARGE  
 NUMBER LENGTH ROADWAY LCA CHCRD GROUND (CFS)

SECTION NUMBER	LENGTH	ROADWAY	LCA	CHCRD	GROUND	(CFS)	CWSEL	CRIMS	EG	TOPWID	10K'S	TIME	VOL
1.01	30.00	2190.20	2186.00	2186.00	2186.00	2186.00	2190.69	2190.85	83.75	303.34	0.20	8.11	
1.01	30.00	2190.20	2186.00	2186.00	2186.00	2186.00	2190.58	2190.67	82.80	11.07	0.19	11.38	
1.01	30.00	2190.20	2186.00	2186.00	2186.00	2186.00	2190.68	2190.79	83.75	12.84	0.17	13.19	
1.01	30.00	2190.20	2186.00	2186.00	2186.00	2186.00	2191.05	2191.20	86.85	18.22	0.17	22.47	
1.01	10.00	0.0	2186.60	2186.60	2186.60	2186.60	2190.83	2190.90	54.86	8.24	0.20	8.12	
1.01	10.00	0.0	2186.60	2186.60	2186.60	2186.60	2190.54	2190.78	31.83	31.44	0.19	11.40	
1.01	10.00	0.0	2186.60	2186.60	2186.60	2186.60	2190.63	2190.93	39.84	38.61	0.17	13.20	
1.01	10.00	0.0	2186.60	2186.60	2186.60	2186.60	2190.53	2191.45	65.19	62.79	0.17	22.49	

SECTION NUMBER DISCHARGE CWSEL EACH Q CWSEL DIFF EACH SECTION T.M. DIFF LENGTH

SECTION NUMBER	DISCHARGE	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	T.M. DIFF	LENGTH
0.200	295.000	2114.559	0.0	0.0	226.145	0.0
0.200	470.000	2115.199	0.0	0.0	235.510	0.0
0.200	595.000	2115.349	0.0	0.0	237.896	0.0
0.200	835.000	2116.500	0.0	0.0	258.919	0.0
0.310	285.000	2117.426	0.0	2.867	83.742	0.0
0.310	455.000	2118.023	0.0	2.824	136.226	0.0
0.310	570.000	2118.328	0.0	2.979	163.090	0.0
0.310	815.000	2118.670	0.0	2.170	193.133	0.0
0.540	220.000	2127.379	0.0	5.953	22.722	0.0
0.540	360.000	2128.205	0.0	10.182	30.785	0.0
0.540	450.000	2128.566	0.0	10.241	31.828	0.0
0.540	670.000	2129.616	0.0	10.846	34.786	0.0
0.540	220.000	2128.434	0.0	1.056	10.000	0.0
0.540	360.000	2129.450	0.0	1.246	10.000	0.0
0.540	450.000	2129.929	0.0	1.360	10.000	0.0
0.540	670.000	2130.829	0.0	1.213	10.000	0.0
0.540	220.000	2128.456	0.0	0.021	16.548	0.0
0.540	360.000	2129.479	0.0	0.029	24.966	0.0
0.540	450.000	2129.964	0.0	0.035	30.659	0.0
0.540	670.000	2130.907	0.0	0.078	33.329	0.0
0.540	220.000	2129.055	0.0	0.600	21.515	0.0
0.540	360.000	2130.262	0.0	0.783	31.523	0.0
0.540	450.000	2130.860	0.0	0.637	33.320	0.0
0.540	670.000	2132.392	0.0	1.454	277.680	0.0
0.540	220.000	2125.177	0.0	0.122	22.526	0.0
0.540	360.000	2130.737	0.0	0.475	32.850	0.0
0.540	450.000	2131.590	0.0	0.651	35.508	0.0
0.540	670.000	2134.087	0.0	1.065	413.482	0.0
0.540	220.000	2125.029	0.0	-0.149	15.914	0.0
0.540	360.000	2130.565	0.0	-0.173	29.237	0.0
0.540	450.000	2131.458	0.0	-0.052	33.024	0.0
0.540	670.000	2134.080	0.0	-0.007	348.042	0.0
0.710	175.000	2143.127	0.0	14.079	22.092	0.0
0.710	300.000	2143.950	0.0	13.246	37.907	0.0
0.710	370.000	2144.297	0.0	12.789	49.495	0.0
0.710	570.000	2144.814	0.0	10.734	65.803	0.0
0.740	110.000	2148.985	0.0	5.872	10.556	0.0
0.740	175.000	2149.832	0.0	5.811	22.157	0.0
0.740	215.000	2150.152	0.0	5.006	27.142	0.0

DATA	ENF	LAST	CROSS	SECTION	TEMP	TCP	WICHTH	TCP	WIRTT
PROFIL	C	TYPE	ENC	TEMP	APFA-ACRES	APFA-DIFF			
0.780	110.000	2151.385	0.0	2.356	10.180	0.0	160.000		
0.780	175.000	2151.813	0.428	1.961	11.430	0.0	160.000		
0.780	215.000	2152.184	0.371	1.552	12.505	0.0	160.000		
0.780	340.000	2153.160	0.576	2.163	15.332	0.0	160.000		
C.780	110.000	2152.021	0.0	0.636	7.614	0.0	50.000		
0.780	175.000	2152.657	0.636	0.844	8.011	0.0	50.000		
0.780	215.000	2152.997	0.340	0.813	8.215	0.0	50.000		
0.780	340.000	2154.032	1.035	0.872	8.852	0.0	50.000		
0.780	110.000	2156.769	0.0	6.468	124.615	0.0	30.000		
0.730	175.000	2159.016	0.306	6.358	129.865	0.0	30.000		
0.730	215.000	2159.160	0.145	6.153	132.355	0.0	30.000		
0.730	340.000	2159.532	0.371	5.459	138.662	0.0	30.000		
0.780	110.000	2158.766	0.0	-0.003	112.648	0.0	10.000		
0.780	175.000	2159.012	0.306	-0.004	120.787	0.0	10.000		
0.780	215.000	2159.155	0.143	-0.006	123.534	0.0	10.000		
0.780	340.000	2159.524	0.369	-0.007	130.652	0.0	10.000		
0.985	90.000	2174.898	0.0	16.282	7.956	0.0	880.000		
0.985	140.000	2175.571	0.583	16.559	8.817	0.0	880.000		
0.985	165.000	2176.825	0.254	16.671	9.682	0.0	880.000		
0.985	270.000	2177.056	1.271	17.572	11.404	0.0	880.000		
0.985	90.000	2175.844	0.0	0.856	10.036	0.0	30.000		
0.985	140.000	2176.565	0.722	0.954	24.418	0.0	30.000		
0.985	165.000	2176.513	0.349	1.098	31.274	0.0	30.000		
0.985	270.000	2177.916	1.003	0.820	85.631	0.0	30.000		
0.985	90.000	2178.010	0.0	2.167	86.576	0.0	20.000		
0.985	140.000	2178.269	0.254	1.703	88.674	0.0	20.000		
0.985	165.000	2178.392	0.114	1.469	89.623	0.0	20.000		
0.985	270.000	2178.795	0.407	0.873	93.048	0.0	20.000		
0.985	90.000	2178.012	0.0	0.002	86.516	0.0	10.000		
0.985	140.000	2178.272	0.263	0.004	88.703	0.0	10.000		
0.985	165.000	2178.387	0.114	0.004	89.666	0.0	10.000		
0.985	270.000	2178.796	0.409	0.007	93.171	0.0	10.000		
1.010	90.000	2187.591	0.0	5.208	7.972	0.0	30.000		
1.010	140.000	2188.574	0.577	5.154	8.823	0.0	30.000		
1.010	165.000	2188.830	0.256	5.211	9.175	0.0	30.000		
1.010	270.000	2190.104	1.274	5.221	44.972	0.0	30.000		
1.010	90.000	2190.686	0.0	2.469	83.776	0.0	30.000		
1.010	140.000	2190.592	-0.104	2.008	82.795	0.0	30.000		
1.010	165.000	2190.682	0.109	1.853	83.753	0.0	30.000		
1.010	270.000	2191.049	0.366	0.944	86.846	0.0	30.000		
1.010	90.000	2190.834	0.0	0.148	54.863	0.0	10.000		
1.010	140.000	2190.542	-0.294	-0.042	31.827	0.0	10.000		
1.010	165.000	2190.625	0.096	-0.057	39.839	0.0	10.000		
1.010	270.000	2190.934	0.309	-0.114	65.190	0.0	10.000		

DATA ENF LAST CROSS SECTION  
 PROFIL C TYPE ENC TEMP TCP WICHTH TCP WIRTT  
 APFA-ACRES APFA-DIFF

2  
3  
4

0.0  
0.0  
0.0

0.0  
0.0  
0.0

6.230  
6.913  
11.859

1.421  
2.114  
7.050