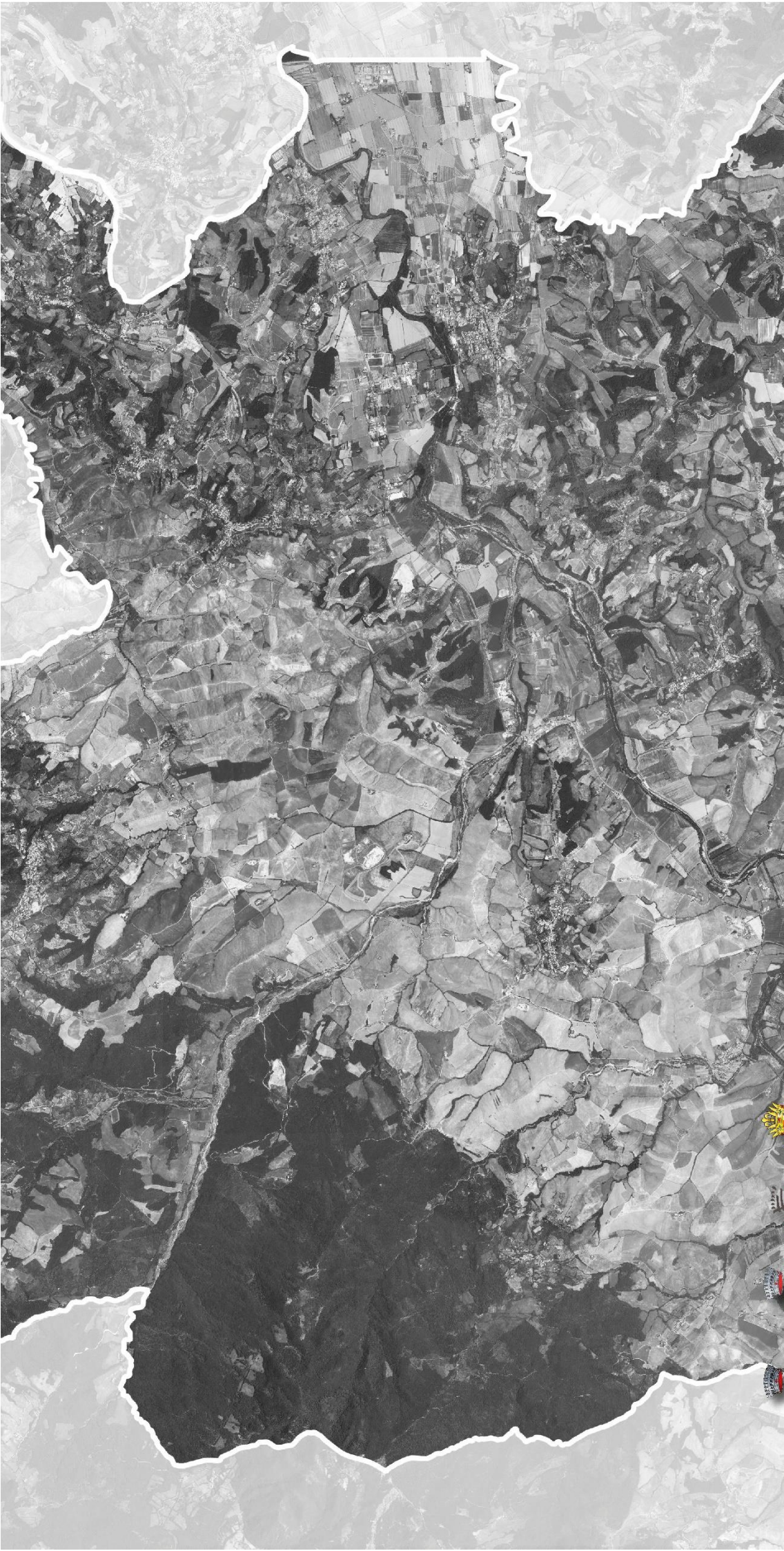




PSI 2022 CHIANNI, LAJATICO, PECCIOLI, TERRICCIOIOLA



Piano Strutturale Intercomunale
Legge Regionale 65/2014 e s.m.i.

ELAB PSI

Ql.001b
Luglio 2026



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studio associato

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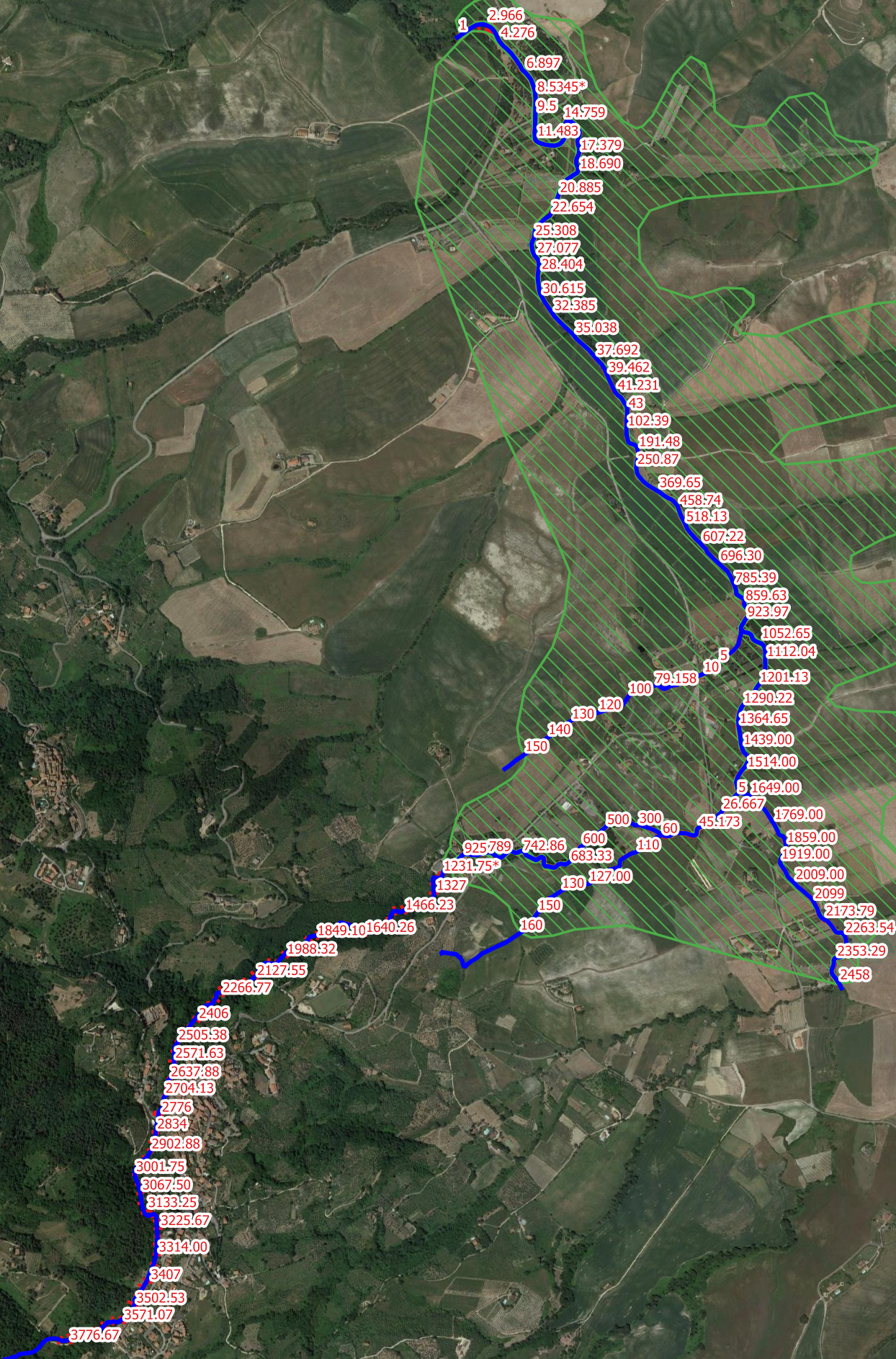
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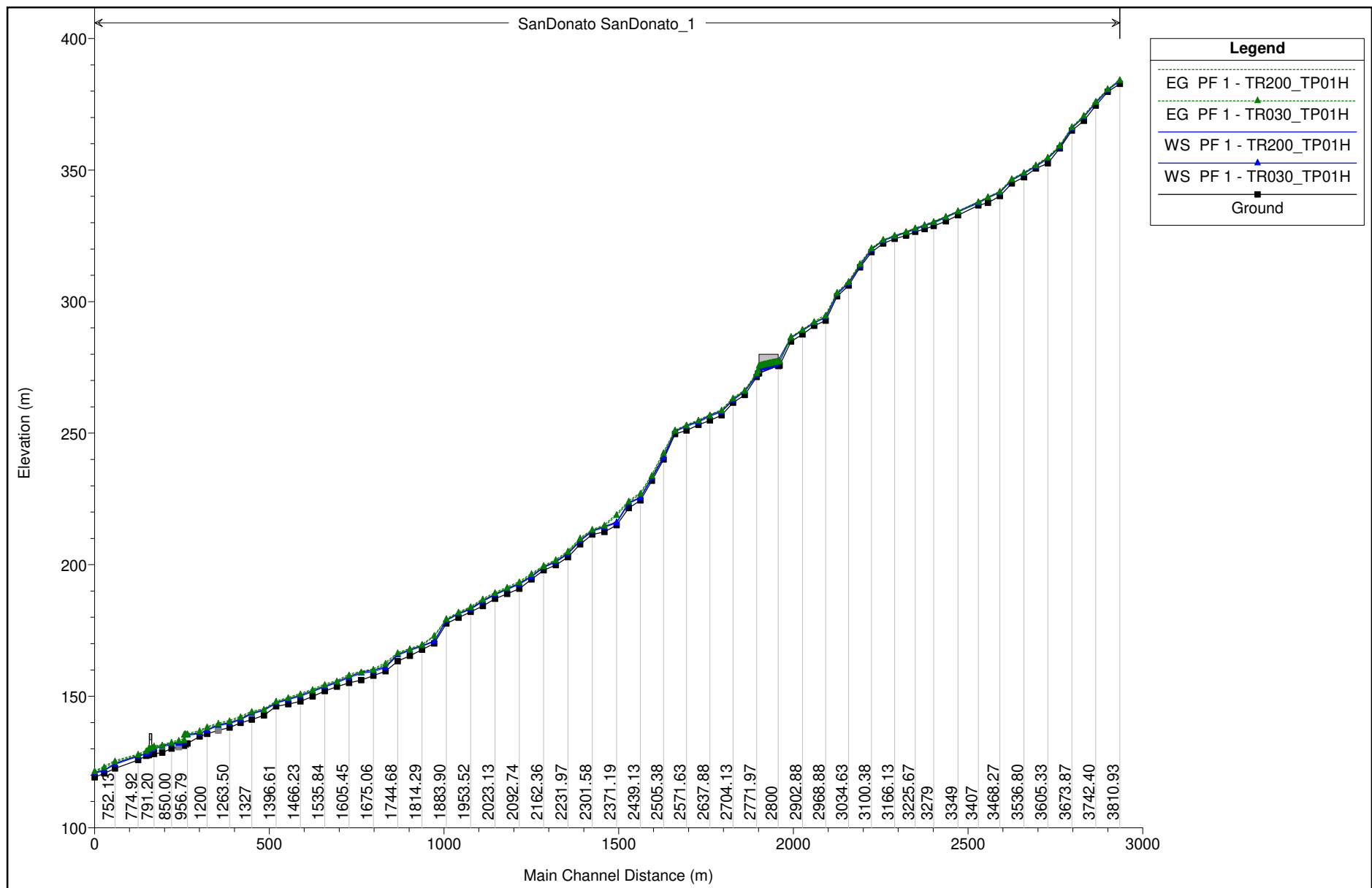
Collaboratori:

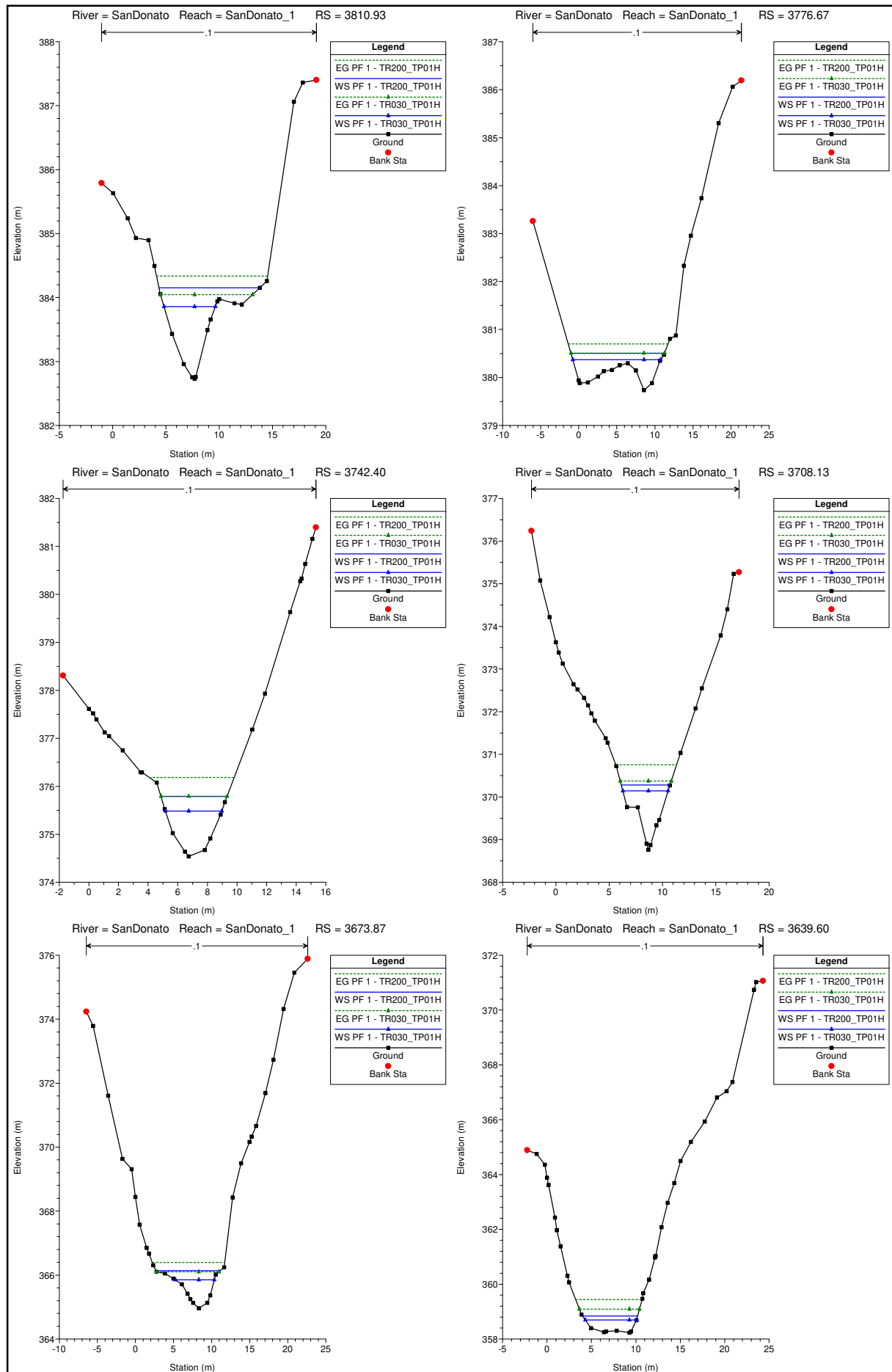
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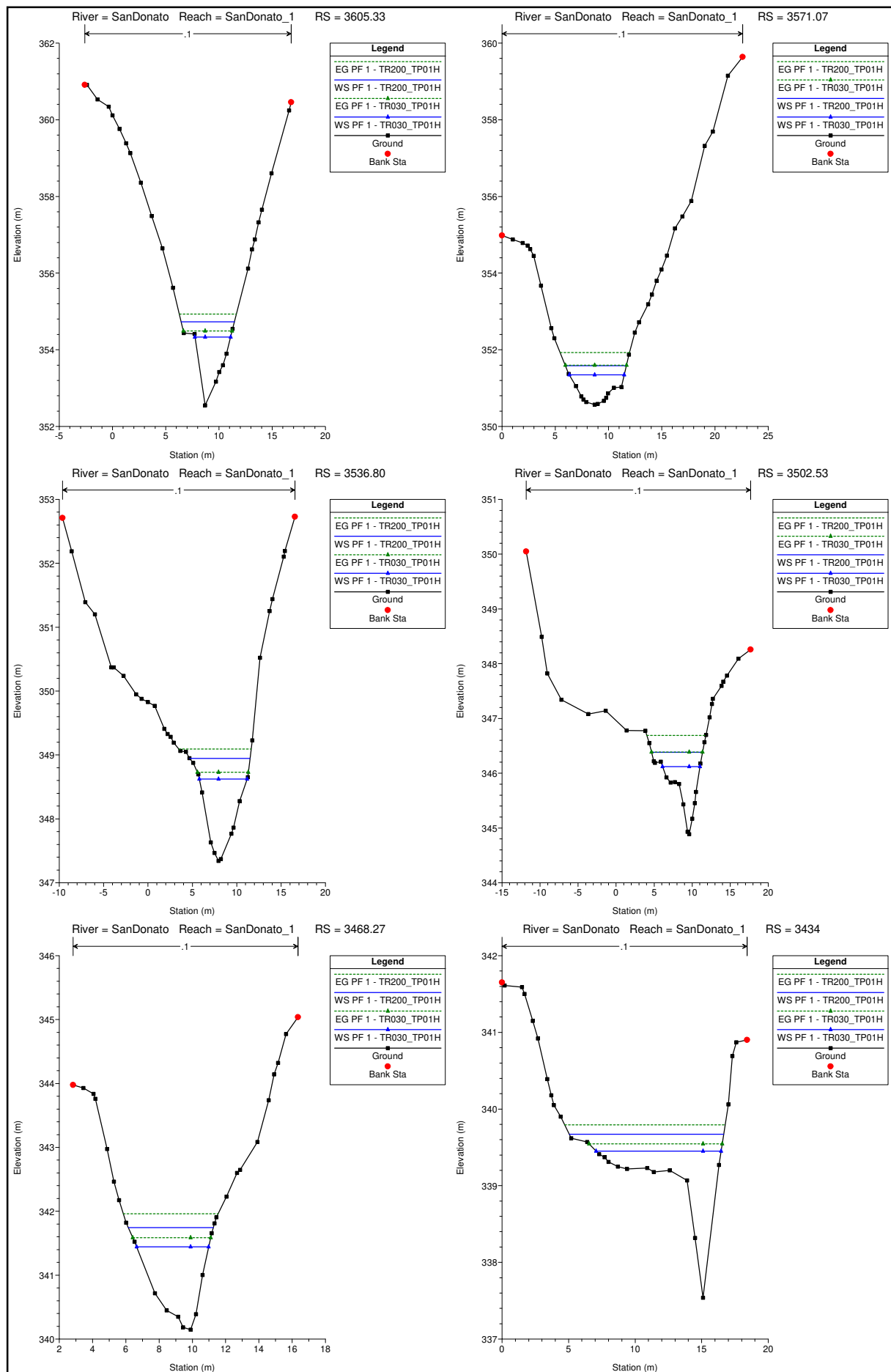


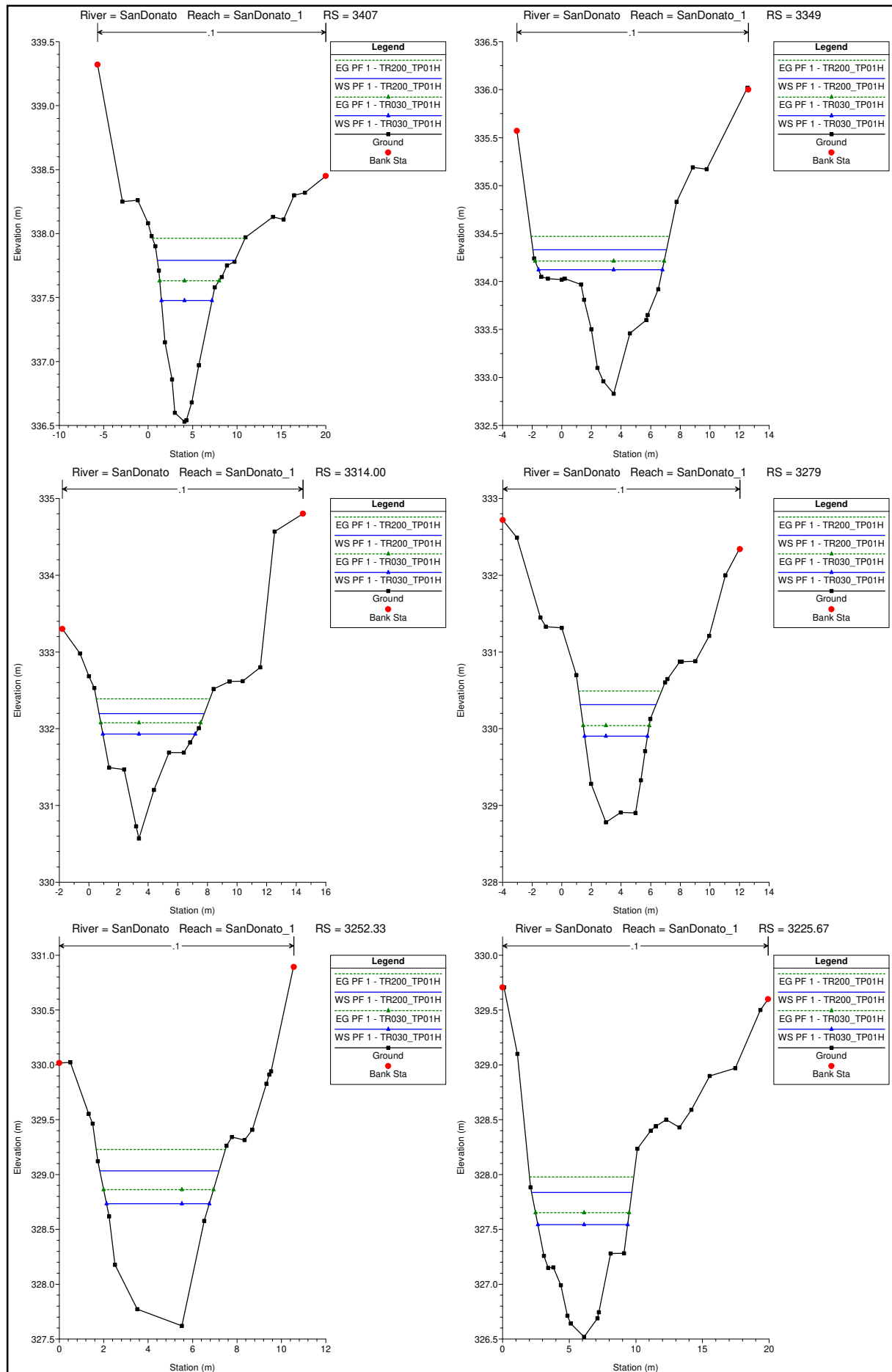
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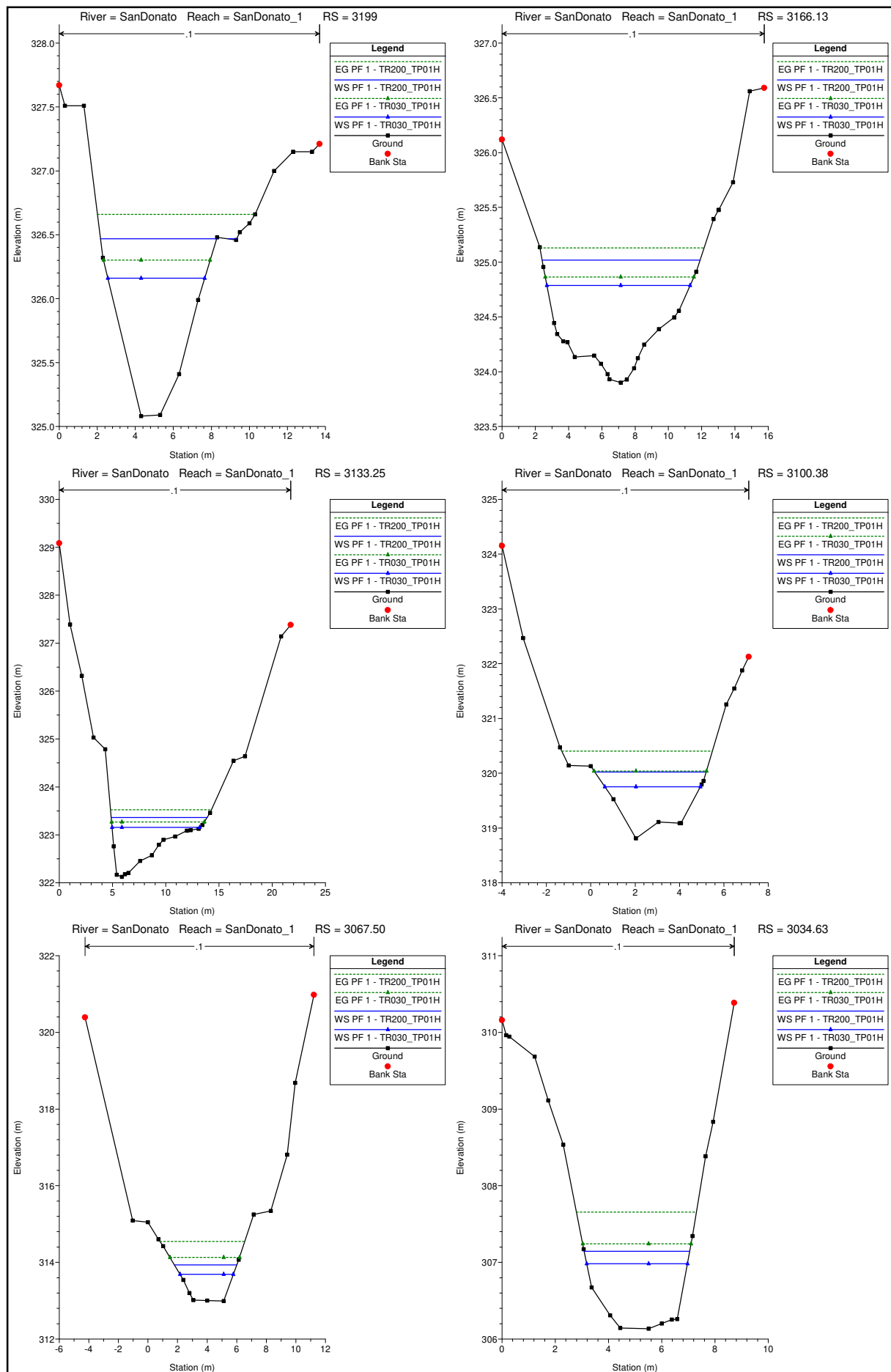


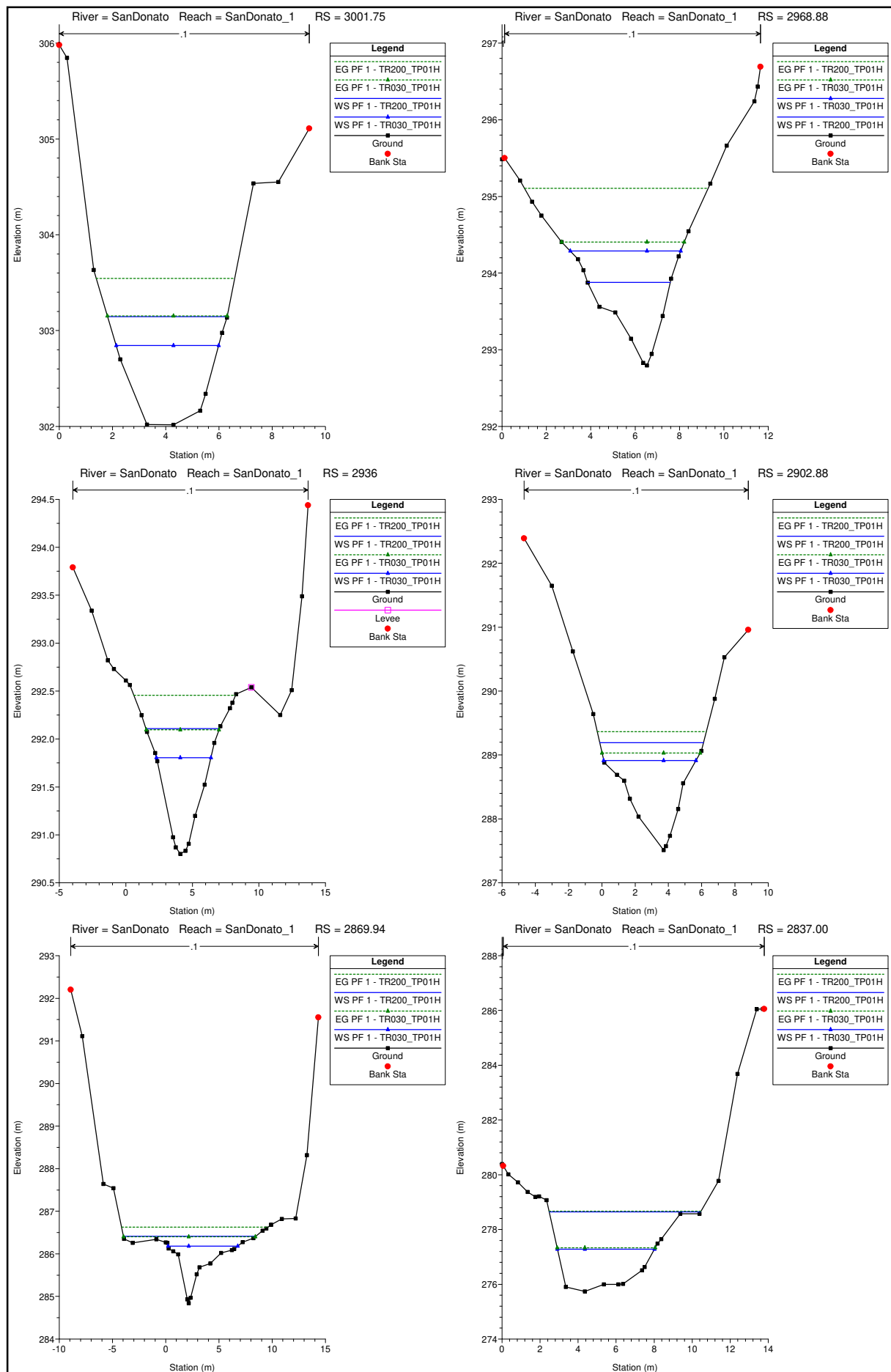


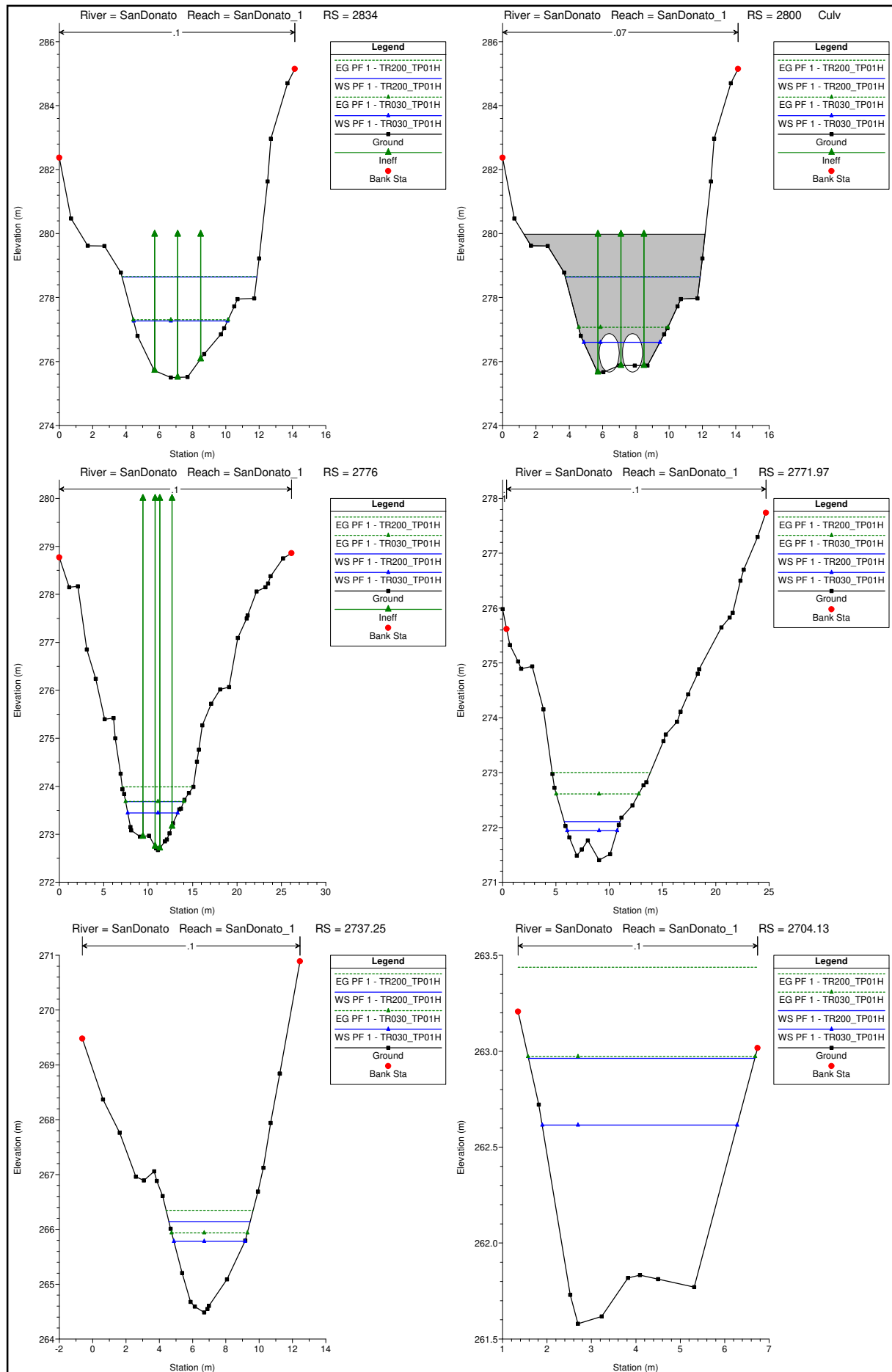


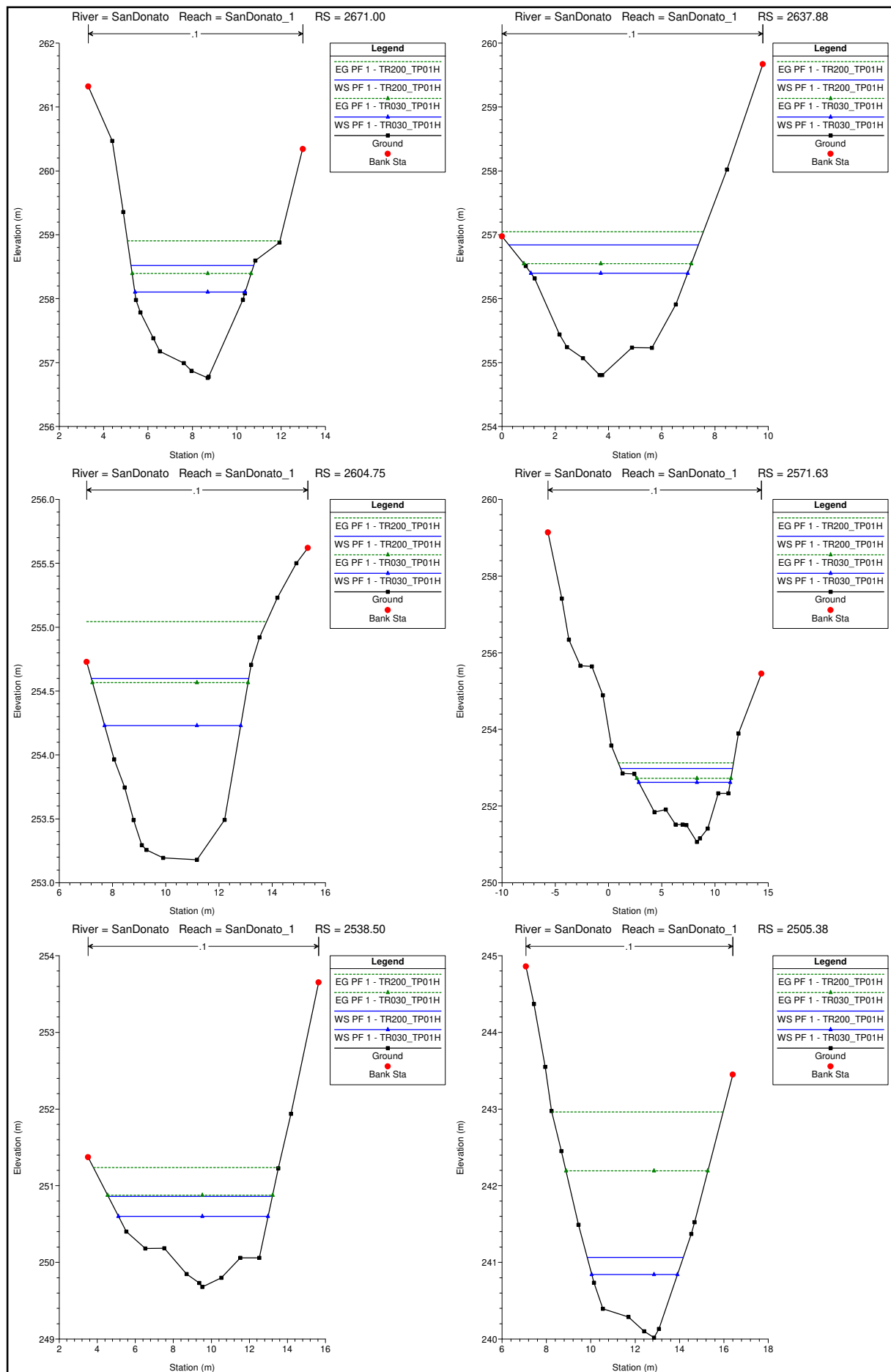


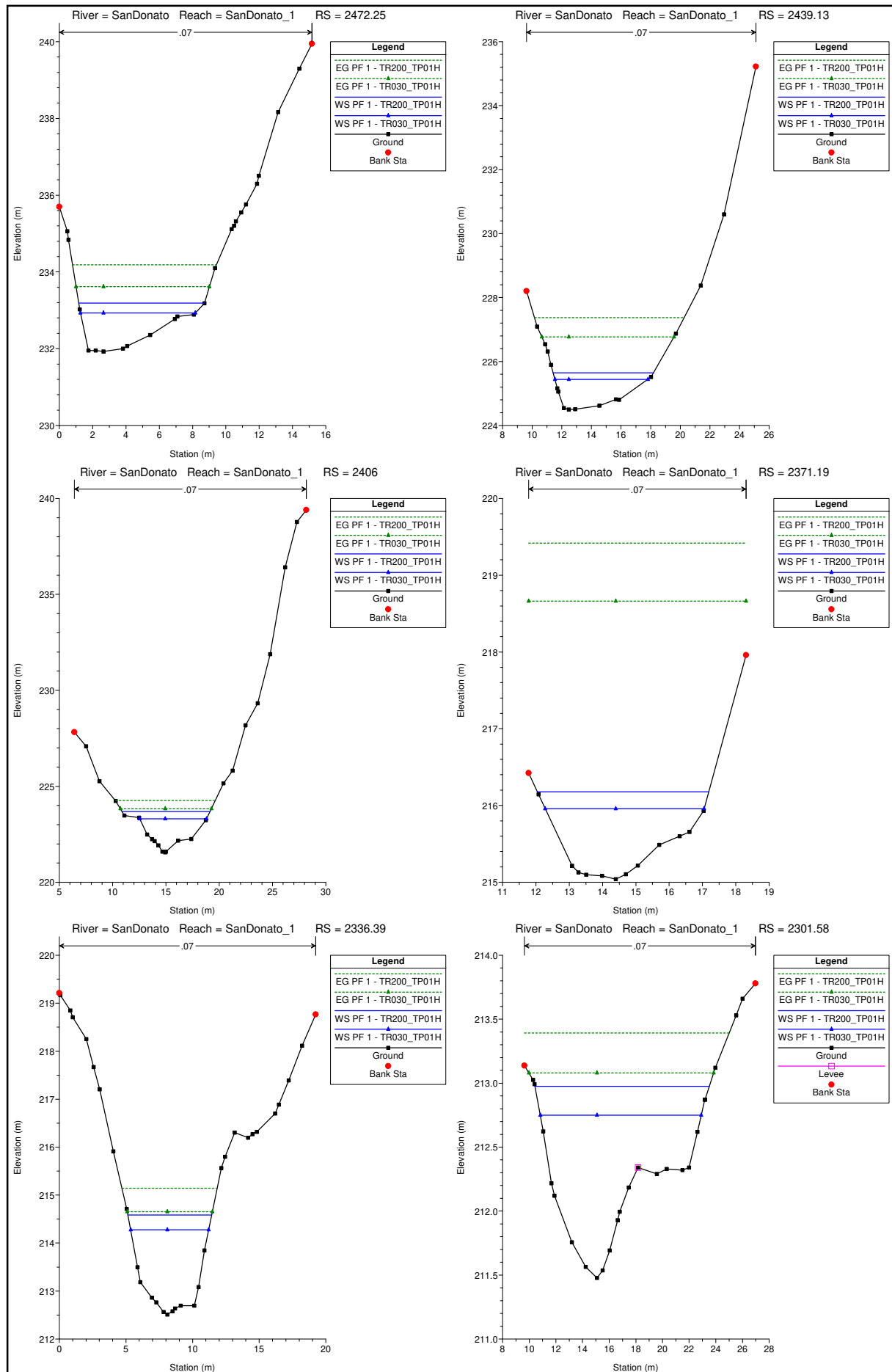


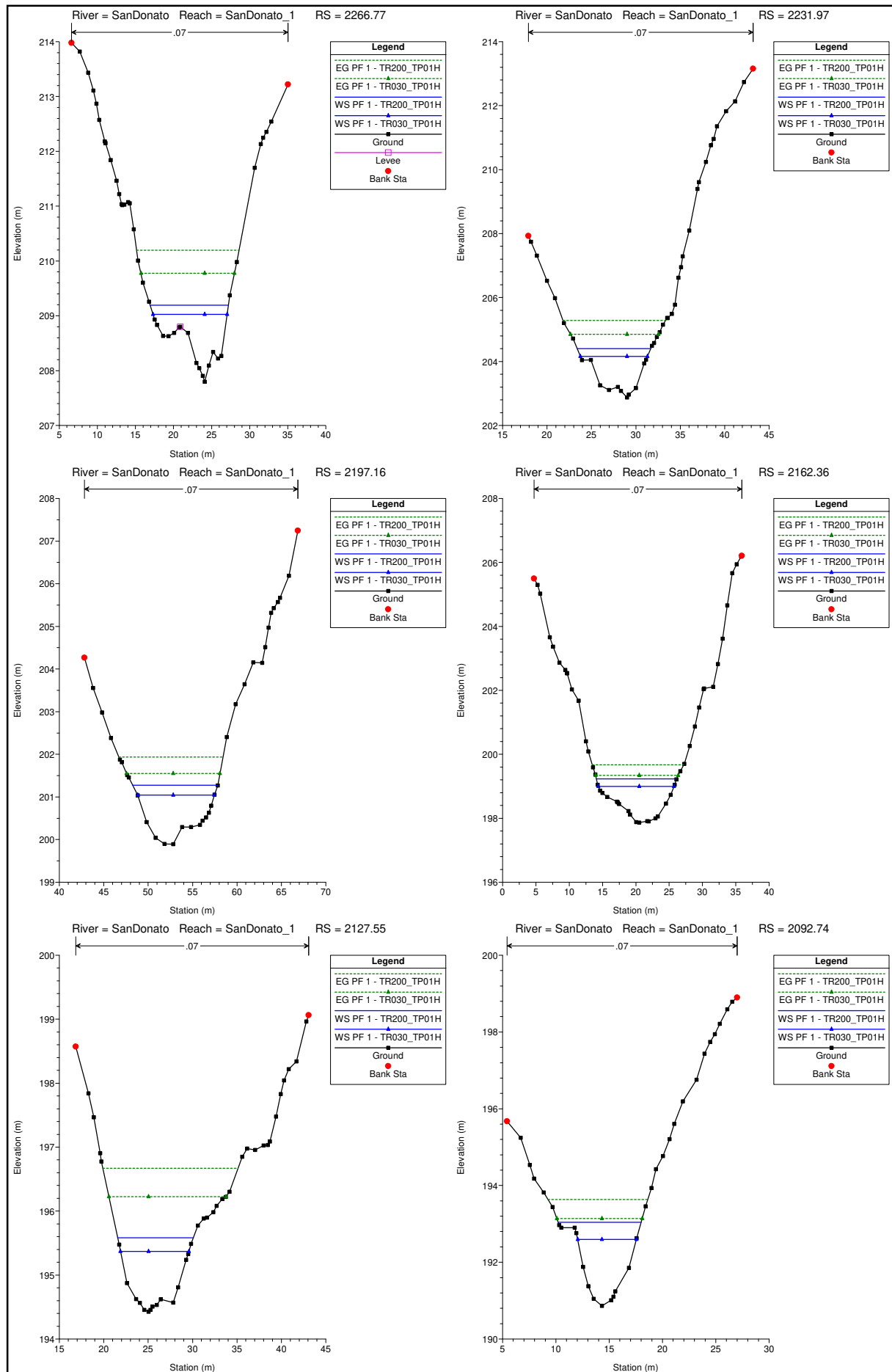


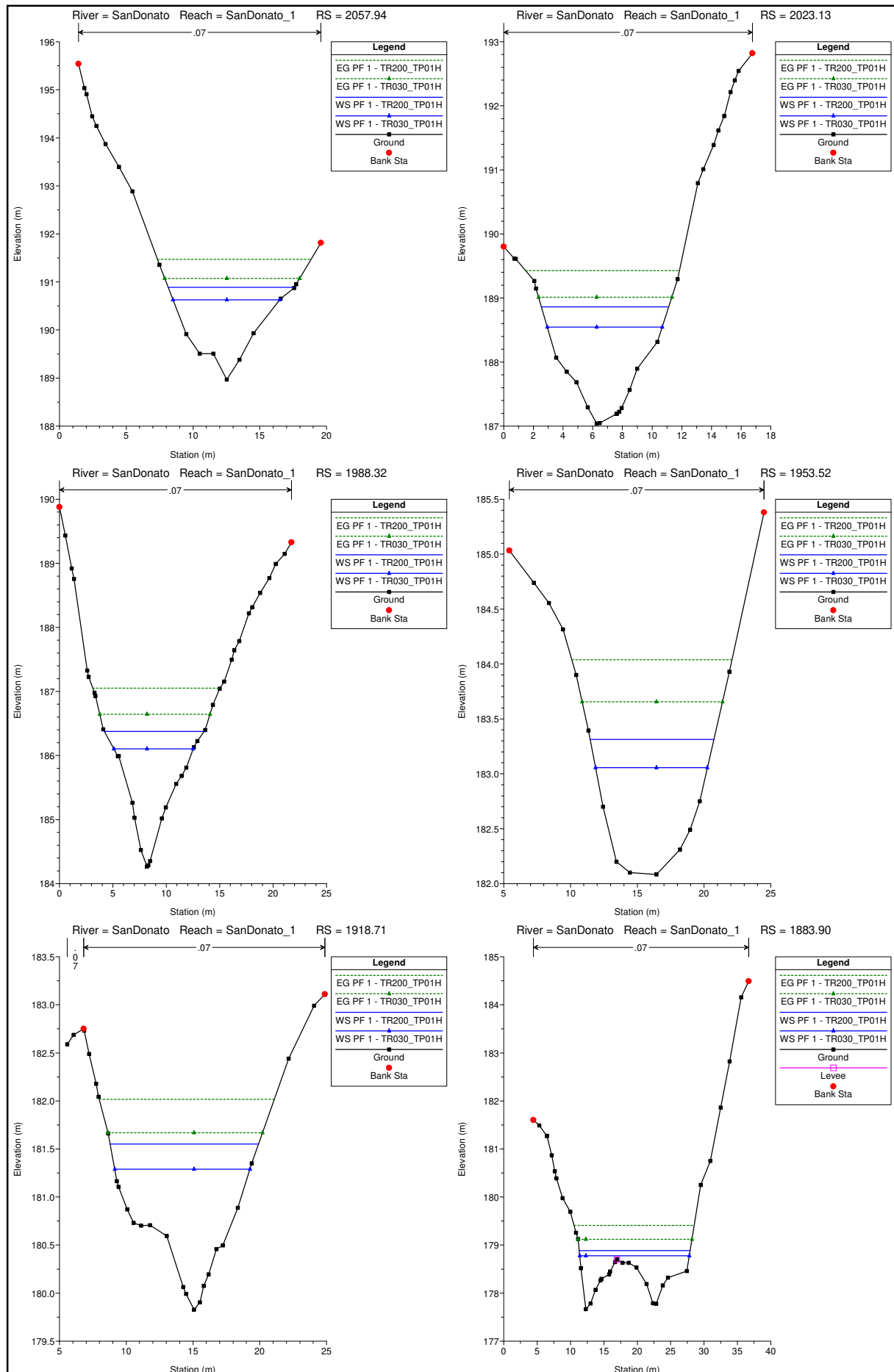


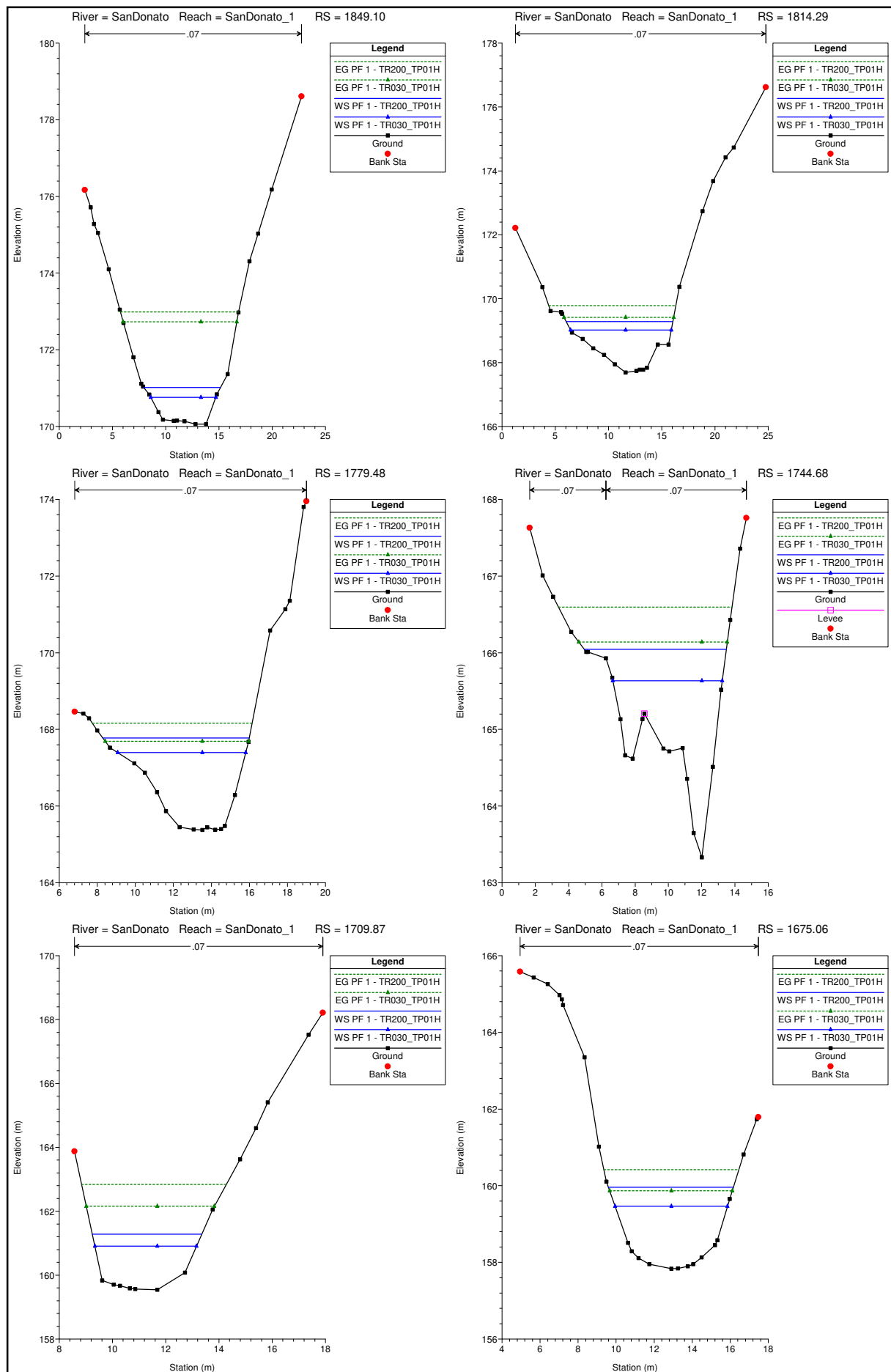


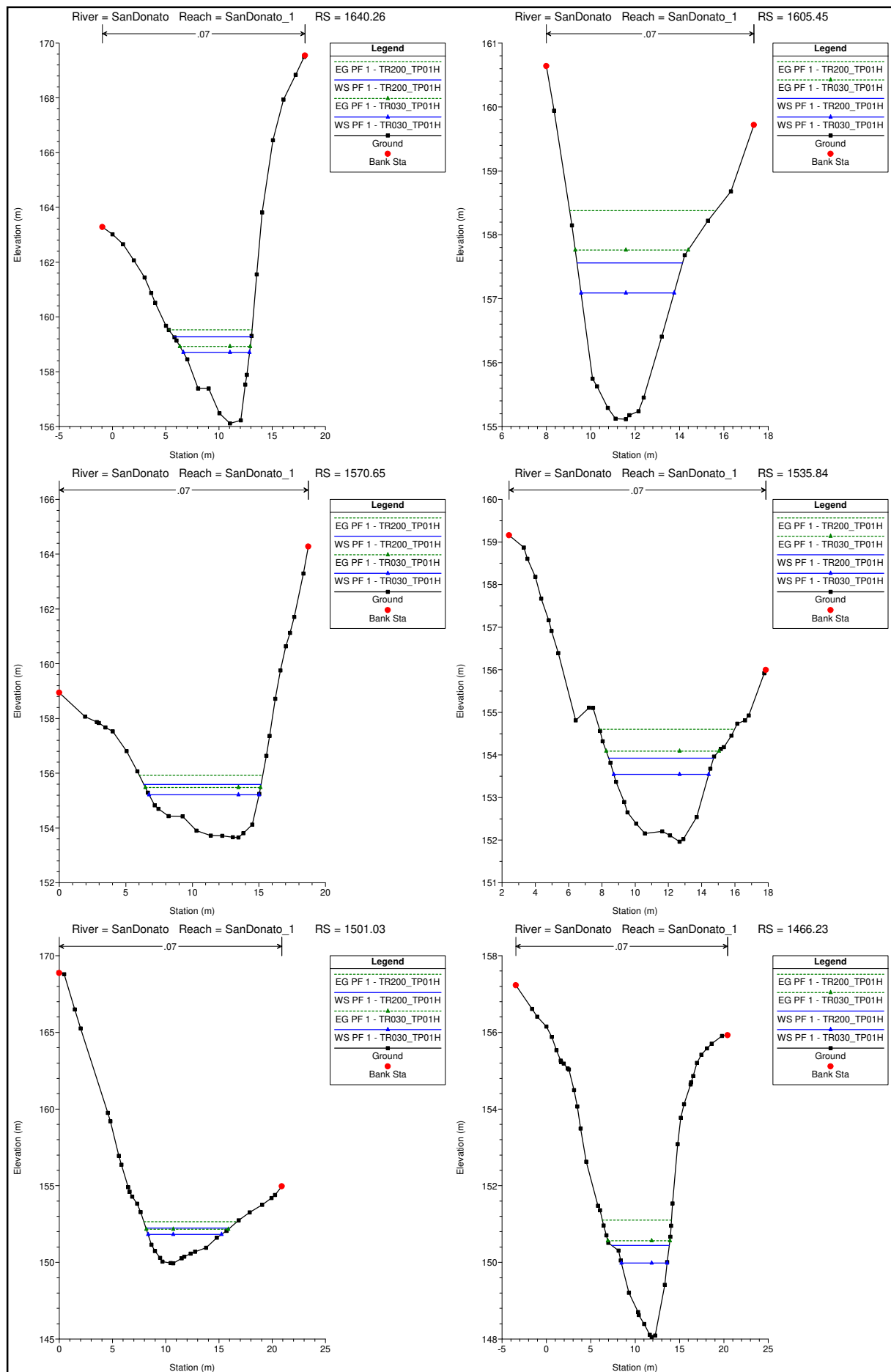


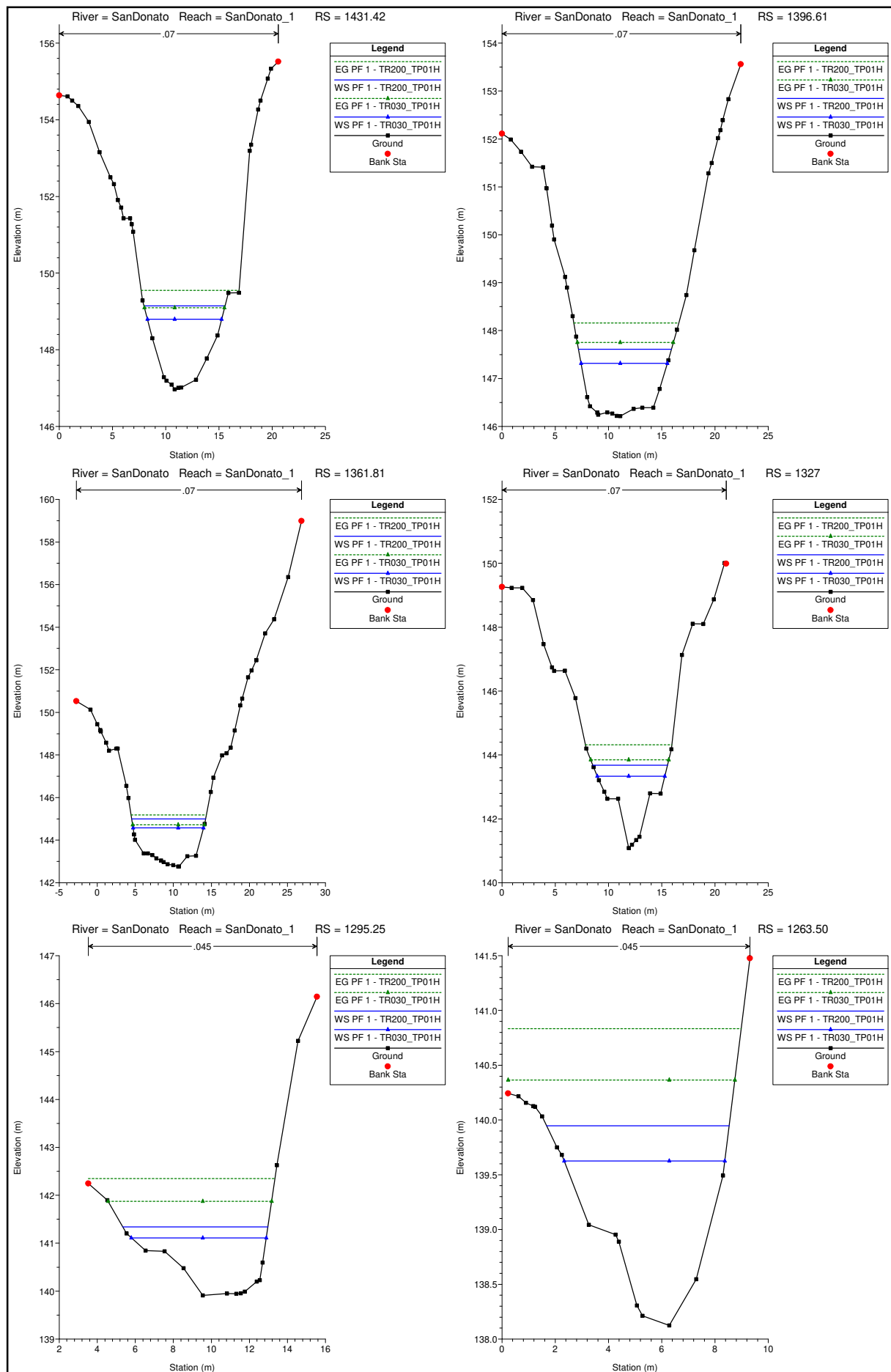


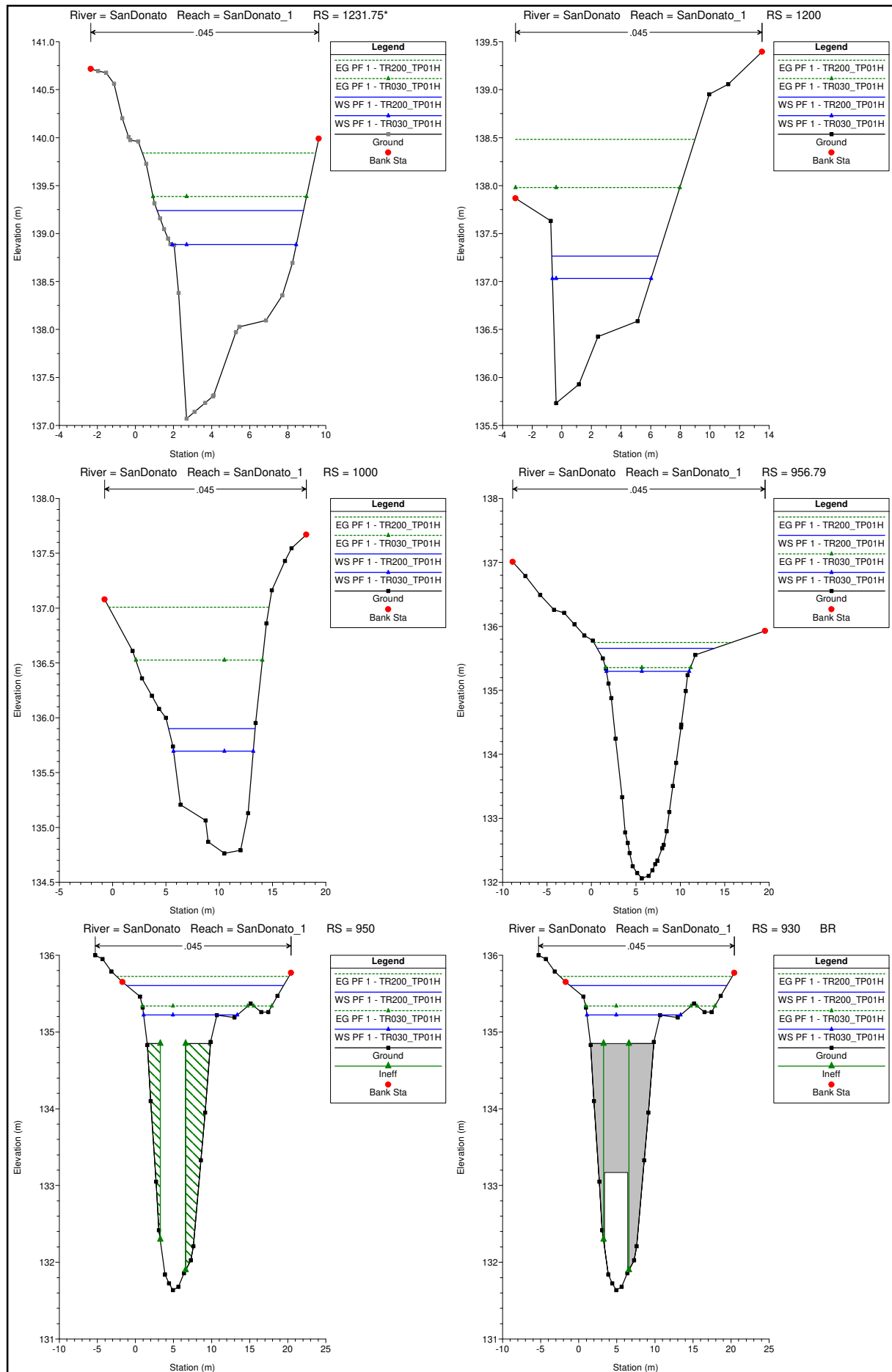


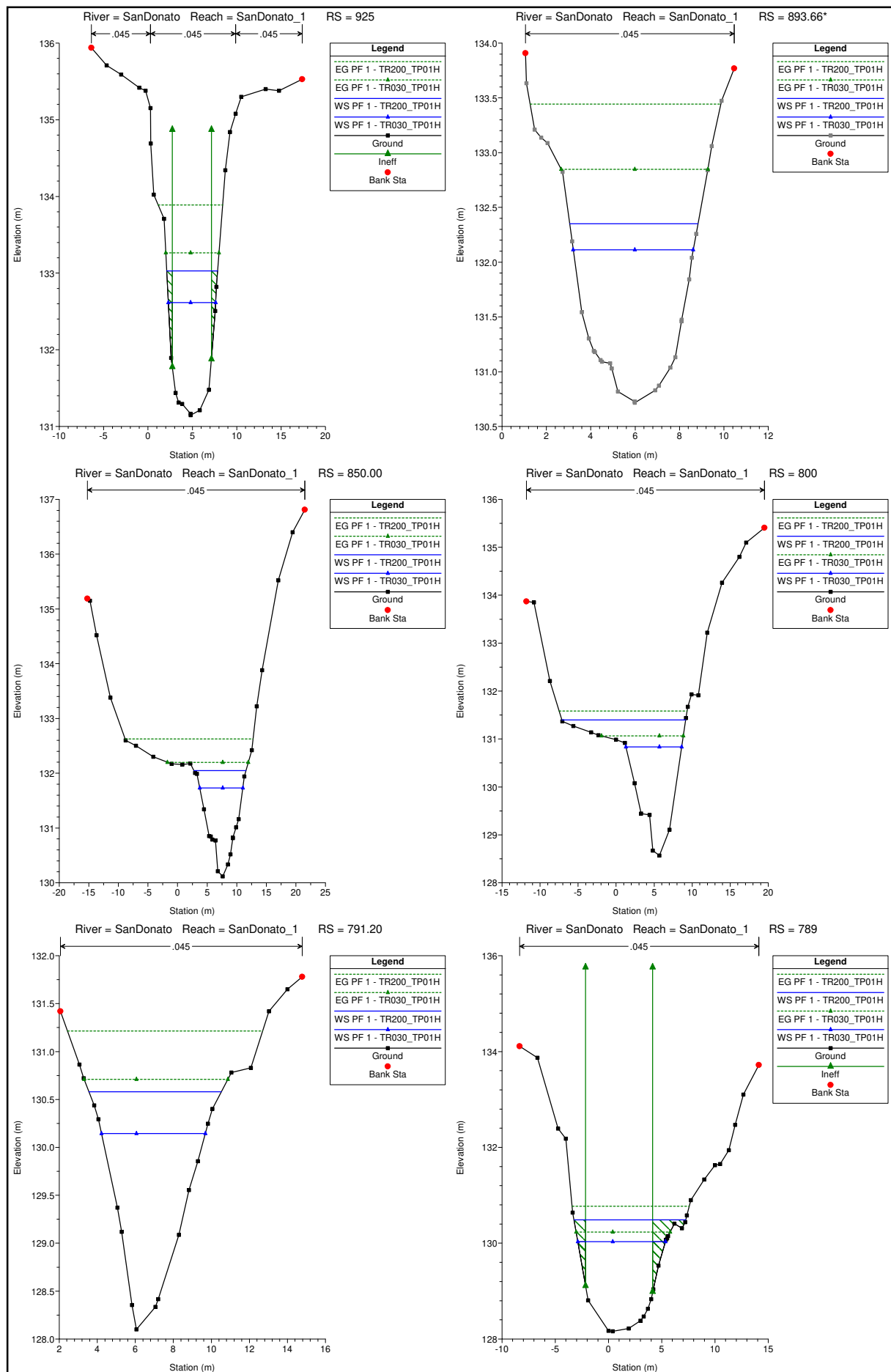


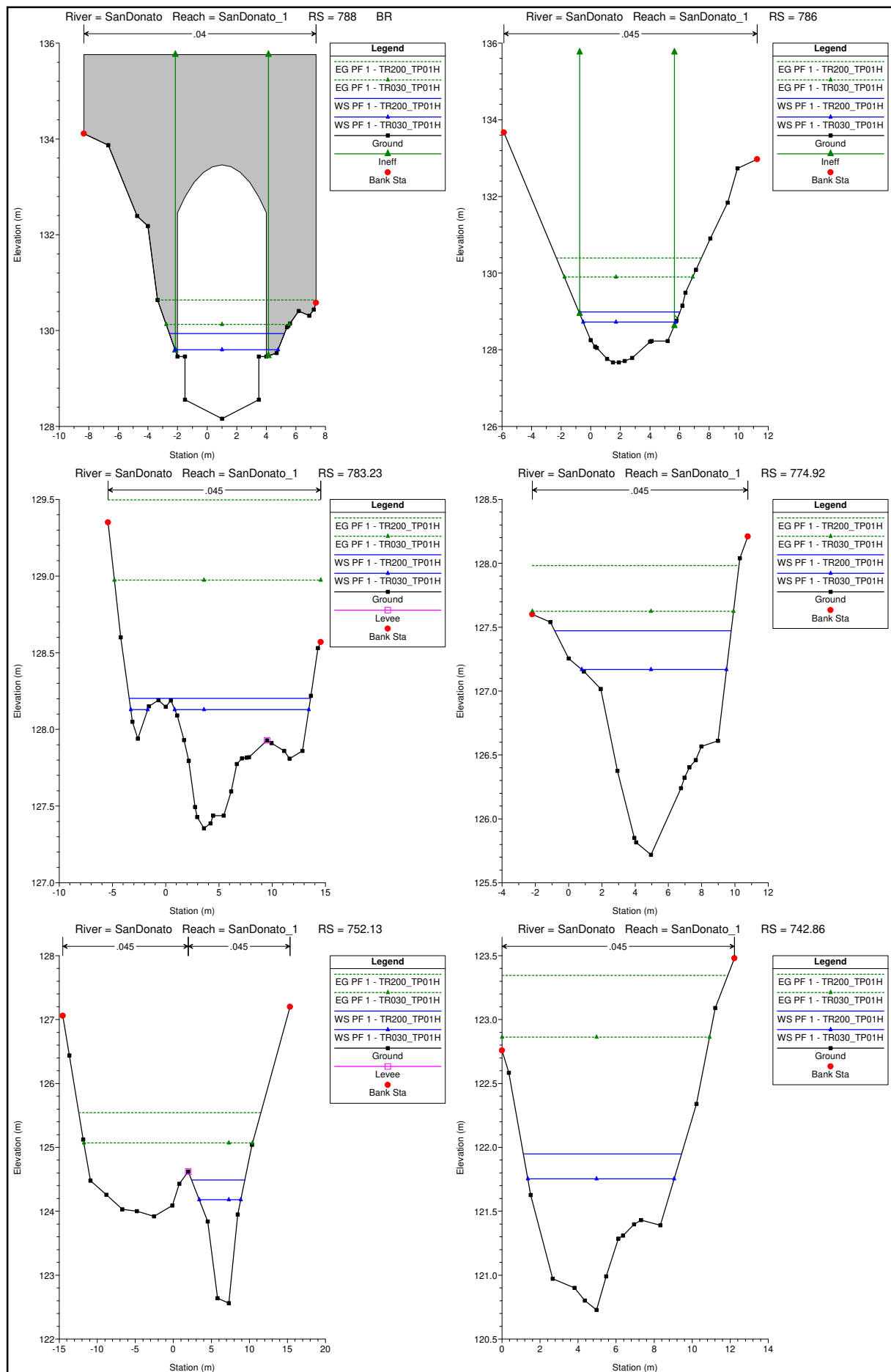


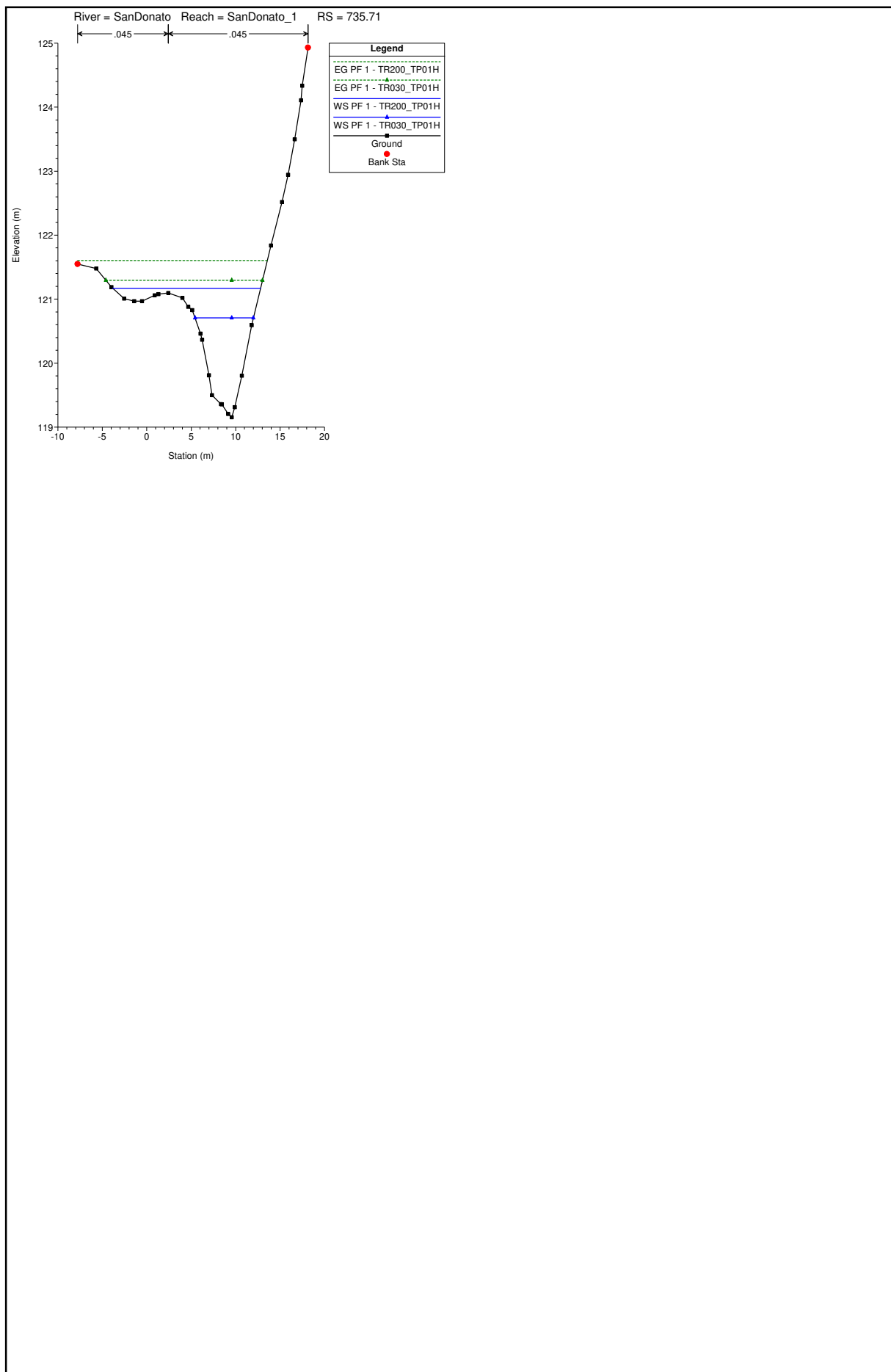












HEC-RAS River: SanDonato Reach: SanDonato_1 Profile: PF 1

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
SanDonato_1	3810.93	PF 1	TR200_TP01H	10.00	382.73	384.15	384.07	384.34	0.087843	1.91	5.24	9.47	0.82
SanDonato_1	3810.93	PF 1	TR030_TP01H	5.70	382.73	383.86	383.73	384.04	0.080583	1.92	2.98	4.82	0.78
SanDonato_1	3776.67	PF 1	TR200_TP01H	10.00	379.73	380.50	380.50	380.70	0.130491	1.97	5.09	12.28	0.98
SanDonato_1	3776.67	PF 1	TR030_TP01H	5.70	379.73	380.37	380.36	380.51	0.135517	1.63	3.50	11.54	0.94
SanDonato_1	3742.40	PF 1	TR200_TP01H	10.00	374.54	375.78	375.78	376.19	0.131493	2.80	3.57	4.46	1.00
SanDonato_1	3742.40	PF 1	TR030_TP01H	5.70	374.54	375.48	375.48	375.79	0.138579	2.45	2.33	3.81	1.00
SanDonato_1	3708.13	PF 1	TR200_TP01H	10.00	368.76	370.28	370.36	370.75	0.194361	3.05	3.28	4.57	1.15
SanDonato_1	3708.13	PF 1	TR030_TP01H	5.70	368.76	370.14	370.07	370.37	0.111932	2.13	2.68	4.26	0.86
SanDonato_1	3673.87	PF 1	TR200_TP01H	10.00	364.96	366.13	366.13	366.40	0.132759	2.27	4.40	8.42	1.00
SanDonato_1	3673.87	PF 1	TR030_TP01H	5.70	364.96	365.85	365.85	366.10	0.139364	2.23	2.55	5.11	1.01
SanDonato_1	3639.60	PF 1	TR200_TP01H	10.00	358.23	358.84	359.02	359.44	0.343122	3.43	2.92	6.21	1.60
SanDonato_1	3639.60	PF 1	TR030_TP01H	5.70	358.23	358.69	358.81	359.09	0.326390	2.79	2.04	5.77	1.50
SanDonato_1	3605.33	PF 1	TR200_TP01H	10.00	352.55	354.73	354.32	354.93	0.063783	2.01	4.98	5.01	0.64
SanDonato_1	3605.33	PF 1	TR030_TP01H	5.70	352.55	354.33	353.97	354.49	0.056192	1.76	3.23	3.36	0.57
SanDonato_1	3571.07	PF 1	TR200_TP01H	10.00	350.57	351.59	351.59	351.93	0.126647	2.58	3.88	5.73	1.00
SanDonato_1	3571.07	PF 1	TR030_TP01H	5.70	350.57	351.35	351.35	351.60	0.138962	2.23	2.56	5.15	1.01
SanDonato_1	3536.80	PF 1	TR200_TP01H	10.00	347.34	348.94	348.59	349.09	0.041375	1.70	5.87	6.80	0.59
SanDonato_1	3536.80	PF 1	TR030_TP01H	5.70	347.34	348.62	348.30	348.73	0.037225	1.45	3.93	5.39	0.54
SanDonato_1	3502.53	PF 1	TR200_TP01H	10.00	344.88	346.38	346.38	346.69	0.140641	2.45	4.07	6.72	1.01
SanDonato_1	3502.53	PF 1	TR030_TP01H	5.70	344.88	346.12	346.12	346.39	0.160460	2.29	2.49	4.94	1.03
SanDonato_1	3468.27	PF 1	TR200_TP01H	10.00	340.15	341.74	341.48	341.96	0.060967	2.07	4.82	5.10	0.68
SanDonato_1	3468.27	PF 1	TR030_TP01H	5.70	340.15	341.44	341.17	341.59	0.050079	1.67	3.41	4.34	0.60
SanDonato_1	3434	PF 1	TR200_TP01H	10.00	337.54	339.67	339.50	339.79	0.063874	1.55	6.46	11.61	0.66
SanDonato_1	3434	PF 1	TR030_TP01H	5.70	337.54	339.45	339.32	339.55	0.070450	1.37	4.15	9.39	0.66
SanDonato_1	3407	PF 1	TR200_TP01H	10.00	336.53	337.79		337.96	0.070103	1.85	5.41	8.74	0.75
SanDonato_1	3407	PF 1	TR030_TP01H	5.70	336.53	337.48		337.63	0.069605	1.74	3.28	5.70	0.73
SanDonato_1	3349	PF 1	TR200_TP01H	10.00	332.83	334.33		334.47	0.051538	1.65	6.07	9.04	0.64
SanDonato_1	3349	PF 1	TR030_TP01H	5.70	332.83	334.12		334.21	0.049472	1.34	4.24	8.36	0.60
SanDonato_1	3314.00	PF 1	TR200_TP01H	10.00	330.57	332.20		332.39	0.069729	1.94	5.14	7.11	0.73
SanDonato_1	3314.00	PF 1	TR030_TP01H	5.70	330.57	331.93	331.81	332.08	0.077747	1.69	3.36	6.24	0.74
SanDonato_1	3279	PF 1	TR200_TP01H	10.00	328.78	330.31		330.49	0.043728	1.86	5.38	5.12	0.58
SanDonato_1	3279	PF 1	TR030_TP01H	5.70	328.78	329.90		330.04	0.045556	1.64	3.48	4.25	0.58
SanDonato_1	3252.33	PF 1	TR200_TP01H	10.00	327.62	329.03		329.23	0.052218	1.96	5.09	5.37	0.64
SanDonato_1	3252.33	PF 1	TR030_TP01H	5.70	327.62	328.73		328.86	0.043424	1.58	3.60	4.63	0.57
SanDonato_1	3225.67	PF 1	TR200_TP01H	10.00	326.52	327.84		327.98	0.042124	1.67	6.00	7.52	0.60
SanDonato_1	3225.67	PF 1	TR030_TP01H	5.70	326.52	327.54		327.65	0.047999	1.46	3.92	6.74	0.61
SanDonato_1	3199	PF 1	TR200_TP01H	10.00	325.08	326.47		326.66	0.059694	1.94	5.15	6.53	0.70
SanDonato_1	3199	PF 1	TR030_TP01H	5.70	325.08	326.16		326.30	0.054400	1.67	3.42	5.09	0.65
SanDonato_1	3166.13	PF 1	TR200_TP01H	10.00	323.90	325.02		325.13	0.036177	1.47	6.78	9.50	0.56
SanDonato_1	3166.13	PF 1	TR030_TP01H	5.70	323.90	324.79		324.86	0.035137	1.22	4.68	8.62	0.53
SanDonato_1	3133.25	PF 1	TR200_TP01H	10.00	322.12	323.36	323.23	323.52	0.069127	1.79	5.58	9.01	0.73
SanDonato_1	3133.25	PF 1	TR030_TP01H	5.70	322.12	323.15	323.00	323.27	0.070884	1.50	3.80	8.24	0.71
SanDonato_1	3100.38	PF 1	TR200_TP01H	10.00	318.81	320.02	320.02	320.40	0.135871	2.72	3.67	5.03	1.02
SanDonato_1	3100.38	PF 1	TR030_TP01H	5.70	318.81	319.75	319.75	320.04	0.142984	2.36	2.41	4.32	1.01
SanDonato_1	3067.50	PF 1	TR200_TP01H	10.00	312.99	313.93	314.09	314.54	0.244081	3.46	2.89	4.21	1.34
SanDonato_1	3067.50	PF 1	TR030_TP01H	5.70	312.99	313.69	313.80	314.13	0.237561	2.94	1.94	3.60	1.28
SanDonato_1	3034.63	PF 1	TR200_TP01H	10.00	306.14	307.15	307.22	307.66	0.180120	3.17	3.16	3.97	1.13
SanDonato_1	3034.63	PF 1	TR030_TP01H	5.70	306.14	306.98	306.92	307.24	0.110194	2.25	2.53	3.78	0.88
SanDonato_1	3001.75	PF 1	TR200_TP01H	10.00	302.02	303.15	303.15	303.54	0.131703	2.80	3.58	4.49	1.00
SanDonato_1	3001.75	PF 1	TR030_TP01H	5.70	302.02	302.85	302.85	303.15	0.141205	2.45	2.32	3.85	1.01
SanDonato_1	2968.88	PF 1	TR200_TP01H	10.00	292.80	293.88	294.26	295.10	0.680361	4.90	2.04	3.73	2.12
SanDonato_1	2968.88	PF 1	TR030_TP01H	5.70	292.80	294.29	293.96	294.41	0.041851	1.51	3.78	4.98	0.55
SanDonato_1	2936	PF 1	TR200_TP01H	10.00	290.80	292.11	292.11	292.46	0.128733	2.61	3.83	5.53	1.00
SanDonato_1	2936	PF 1	TR030_TP01H	5.70	290.80	291.80	291.80	292.10	0.137979	2.39	2.39	4.10	1.00
SanDonato_1	2902.88	PF 1	TR200_TP01H	10.00	287.51	289.19	288.93	289.37	0.050802	1.85	5.40	6.23	0.64
SanDonato_1	2902.88	PF 1	TR030_TP01H	5.70	287.51	288.91	288.60	289.03	0.046330	1.52	3.76	5.55	0.59
SanDonato_1	2869.94	PF 1	TR200_TP01H	10.00	284.84	286.41	286.41	286.63	0.161745	2.05	4.88	12.40	1.04
SanDonato_1	2869.94	PF 1	TR030_TP01H	5.70	284.84	286.18	286.18	286.40	0.168960	2.10	2.72	6.53	1.04
SanDonato_1	2837.00	PF 1	TR200_TP01H	10.00	275.74	278.64	276.84	278.67	0.003706	0.71	14.01	7.95	0.17
SanDonato_1	2837.00	PF 1	TR030_TP01H	5.70	275.74	277.28	276.57	277.33	0.011747	0.99	5.78	5.11	0.30
SanDonato_1	2834	PF 1	TR200_TP01H	10.00	275.50	278.64	276.67	278.66	0.002291	0.62	16.25	8.09	0.14
SanDonato_1	2834	PF 1	TR030_TP01H	5.70	275.50	277.26	276.36	277.30	0.007755	0.85	6.68	5.63	0.25
SanDonato_1	2800			Culvert									

HEC-RAS River: SanDonato Reach: SanDonato_1 Profile: PF 1 (Continued)

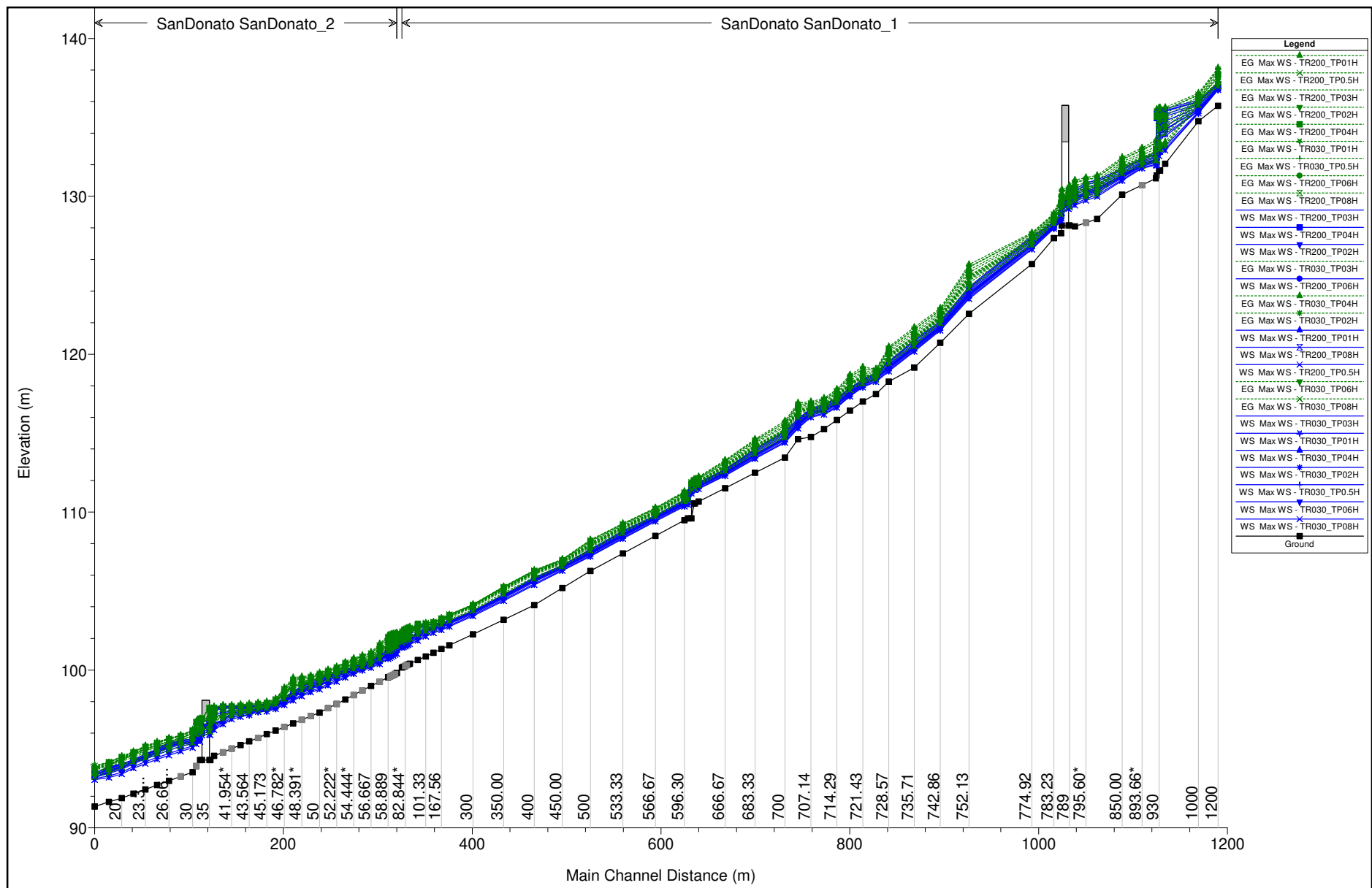
Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
SanDonato_1	2776	PF 1	TR200_TP01H	10.00	272.67	273.68	273.68	273.99	0.126893	2.47	4.05	6.55	1.00
SanDonato_1	2776	PF 1	TR030_TP01H	5.70	272.67	273.45	273.45	273.69	0.140023	2.17	2.63	5.62	1.01
SanDonato_1	2771.97	PF 1	TR200_TP01H	10.00	271.40	272.11	272.39	273.00	0.553958	4.19	2.39	5.22	1.98
SanDonato_1	2771.97	PF 1	TR030_TP01H	5.70	271.40	271.94	272.15	272.61	0.619915	3.63	1.57	4.69	2.00
SanDonato_1	2737.25	PF 1	TR200_TP01H	10.00	264.48	266.14	265.83	266.35	0.053321	2.02	4.96	4.89	0.64
SanDonato_1	2737.25	PF 1	TR030_TP01H	5.70	264.48	265.78	265.53	265.93	0.053076	1.72	3.31	4.28	0.62
SanDonato_1	2704.13	PF 1	TR200_TP01H	14.60	261.58	262.96	262.96	263.44	0.133100	3.05	4.78	5.10	1.01
SanDonato_1	2704.13	PF 1	TR030_TP01H	8.30	261.58	262.61	262.61	262.97	0.139560	2.65	3.14	4.39	1.00
SanDonato_1	2671.00	PF 1	TR200_TP01H	17.60	256.76	258.52	258.35	258.90	0.082875	2.75	6.40	5.53	0.82
SanDonato_1	2671.00	PF 1	TR030_TP01H	10.10	256.76	258.10	257.99	258.40	0.088674	2.40	4.21	4.96	0.83
SanDonato_1	2637.88	PF 1	TR200_TP01H	17.60	254.80	256.84	256.36	257.05	0.038497	2.01	8.76	7.12	0.58
SanDonato_1	2637.88	PF 1	TR030_TP01H	10.10	254.80	256.40	256.01	256.55	0.036873	1.72	5.87	5.89	0.55
SanDonato_1	2604.75	PF 1	TR200_TP01H	17.60	253.18	254.60	254.55	255.04	0.105479	2.95	5.97	5.92	0.94
SanDonato_1	2604.75	PF 1	TR030_TP01H	10.10	253.18	254.23	254.19	254.57	0.110751	2.57	3.93	5.11	0.93
SanDonato_1	2571.63	PF 1	TR200_TP01H	17.60	251.06	252.98		253.13	0.032801	1.68	10.49	10.52	0.54
SanDonato_1	2571.63	PF 1	TR030_TP01H	10.10	251.06	252.62		252.72	0.030525	1.43	7.06	8.58	0.50
SanDonato_1	2538.50	PF 1	TR200_TP01H	17.60	249.68	250.86	250.86	251.24	0.118779	2.72	6.47	8.63	1.00
SanDonato_1	2538.50	PF 1	TR030_TP01H	10.10	249.68	250.60	250.60	250.88	0.128543	2.33	4.34	7.87	1.00
SanDonato_1	2505.38	PF 1	TR200_TP01H	17.60	240.02	241.07	241.60	242.96	0.776002	6.10	2.89	4.34	2.39
SanDonato_1	2505.38	PF 1	TR030_TP01H	10.10	240.02	240.84	241.23	242.19	0.770520	5.15	1.96	3.86	2.31
SanDonato_1	2472.25	PF 1	TR200_TP01H	26.30	231.93	233.19	233.47	234.19	0.155842	4.43	5.93	7.55	1.60
SanDonato_1	2472.25	PF 1	TR030_TP01H	15.00	231.93	232.93	233.13	233.62	0.152675	3.68	4.08	6.88	1.53
SanDonato_1	2439.13	PF 1	TR200_TP01H	31.00	224.50	225.64	226.16	227.37	0.264274	5.82	5.33	6.78	2.10
SanDonato_1	2439.13	PF 1	TR030_TP01H	20.40	224.50	225.44	225.84	226.77	0.262976	5.10	4.00	6.28	2.04
SanDonato_1	2406	PF 1	TR200_TP01H	31.00	221.55	223.69	223.69	224.26	0.058651	3.35	9.25	8.26	1.01
SanDonato_1	2406	PF 1	TR030_TP01H	20.40	221.55	223.30	223.30	223.83	0.062867	3.22	6.33	6.28	1.03
SanDonato_1	2371.19	PF 1	TR200_TP01H	31.00	215.04	216.18	216.97	219.42	0.537958	7.97	3.89	5.14	2.93
SanDonato_1	2371.19	PF 1	TR030_TP01H	20.40	215.04	215.96	216.61	218.66	0.604447	7.28	2.80	4.77	3.03
SanDonato_1	2336.39	PF 1	TR200_TP01H	31.00	212.51	214.58	214.42	215.14	0.044630	3.31	9.37	6.29	0.87
SanDonato_1	2336.39	PF 1	TR030_TP01H	20.40	212.51	214.28	214.04	214.65	0.035765	2.72	7.49	5.86	0.77
SanDonato_1	2301.58	PF 1	TR200_TP01H	31.00	211.48	212.98	212.98	213.39	0.054286	2.86	10.86	13.10	1.00
SanDonato_1	2301.58	PF 1	TR030_TP01H	20.40	211.48	212.75	212.75	213.08	0.057842	2.55	8.01	12.08	1.00
SanDonato_1	2266.77	PF 1	TR200_TP01H	31.00	207.80	209.19	209.51	210.20	0.178282	4.43	6.99	10.27	1.72
SanDonato_1	2266.77	PF 1	TR030_TP01H	20.40	207.80	209.03	209.26	209.78	0.177279	3.84	5.32	9.72	1.66
SanDonato_1	2231.97	PF 1	TR200_TP01H	31.00	202.87	204.40	204.65	205.29	0.112886	4.17	7.44	8.28	1.40
SanDonato_1	2231.97	PF 1	TR030_TP01H	20.40	202.87	204.16	204.35	204.85	0.114801	3.69	5.53	7.56	1.38
SanDonato_1	2197.16	PF 1	TR200_TP01H	31.00	199.89	201.28	201.41	201.94	0.080014	3.61	8.60	9.59	1.22
SanDonato_1	2197.16	PF 1	TR030_TP01H	20.40	199.89	201.04	201.13	201.55	0.077472	3.16	6.46	8.64	1.16
SanDonato_1	2162.36	PF 1	TR200_TP01H	31.00	197.86	199.23	199.23	199.67	0.052955	2.94	10.55	12.01	1.00
SanDonato_1	2162.36	PF 1	TR030_TP01H	20.40	197.86	199.00	199.00	199.34	0.056544	2.60	7.83	11.34	1.00
SanDonato_1	2127.55	PF 1	TR200_TP01H	31.00	194.43	195.58	195.96	196.67	0.154898	4.62	6.71	8.52	1.66
SanDonato_1	2127.55	PF 1	TR030_TP01H	20.40	194.43	195.37	195.64	196.22	0.156465	4.09	4.99	7.70	1.62
SanDonato_1	2092.74	PF 1	TR200_TP01H	31.00	190.86	193.04	193.05	193.64	0.059945	3.42	9.07	7.78	1.01
SanDonato_1	2092.74	PF 1	TR030_TP01H	20.40	190.86	192.59	192.58	193.14	0.058689	3.28	6.22	5.50	0.99
SanDonato_1	2057.94	PF 1	TR200_TP01H	31.00	188.97	190.89	190.96	191.47	0.065411	3.37	9.19	9.46	1.09
SanDonato_1	2057.94	PF 1	TR030_TP01H	20.40	188.97	190.63	190.63	191.07	0.058404	2.95	6.92	7.99	1.01
SanDonato_1	2023.13	PF 1	TR200_TP01H	31.00	187.04	188.86	188.88	189.43	0.055658	3.33	9.31	8.59	1.02
SanDonato_1	2023.13	PF 1	TR030_TP01H	20.40	187.04	188.55	188.57	189.01	0.060663	3.03	6.74	7.75	1.04
SanDonato_1	1988.32	PF 1	TR200_TP01H	31.00	184.27	186.37	186.51	187.05	0.084647	3.64	8.51	9.34	1.22
SanDonato_1	1988.32	PF 1	TR030_TP01H	20.40	184.27	186.11	186.19	186.64	0.076455	3.25	6.27	7.44	1.13
SanDonato_1	1953.52	PF 1	TR200_TP01H	31.00	182.08	183.31	183.49	184.04	0.088158	3.77	8.21	9.27	1.28
SanDonato_1	1953.52	PF 1	TR030_TP01H	20.40	182.08	183.06	183.20	183.66	0.096728	3.43	5.94	8.37	1.30
SanDonato_1	1918.71	PF 1	TR200_TP01H	31.00	179.83	181.55	181.55	182.02	0.054018	3.02	10.26	11.12	1.01
SanDonato_1	1918.71	PF 1	TR030_TP01H	20.40	179.83	181.29	181.29	181.67	0.058621	2.73	7.48	10.13	1.01
SanDonato_1	1883.90	PF 1	TR200_TP01H	31.00	177.66	178.89	179.01	179.41	0.111776	3.20	9.70	16.62	1.34
SanDonato_1	1883.90	PF 1	TR030_TP01H	20.40	177.66	178.78	178.84	179.12	0.093328	2.58	7.91	16.42	1.19
SanDonato_1	1849.10	PF 1	TR200_TP01H	31.00	170.06	171.02	171.57	172.99	0.339026	6.21	4.99	7.24	2.39
SanDonato_1	1849.10	PF 1	TR030_TP01H	20.40	170.06	170.76	171.28	172.73	0.471560	6.22	3.28	6.12	2.71
SanDonato_1	1814.29	PF 1	TR200_TP01H	31.00	167.69	169.28	169.28	169.78	0.054395	3.12	9.93	10.03	1.00
SanDonato_1	1814.29	PF 1	TR030_TP01H	20.40	167.69	169.01	169.02	169.41	0.058926	2.79	7.31	9.45	1.01
SanDonato_1	1779.48	PF 1	TR200_TP01H	31.00	165.38	167.78	167.43	168.16	0.030345	2.74	11.31	7.71	0.72
SanDonato_1	1779.48	PF 1	TR030_TP01H	20.40	165.38	167.40	166.99	167.69	0.027748	2.39	8.54	6.74	0.68

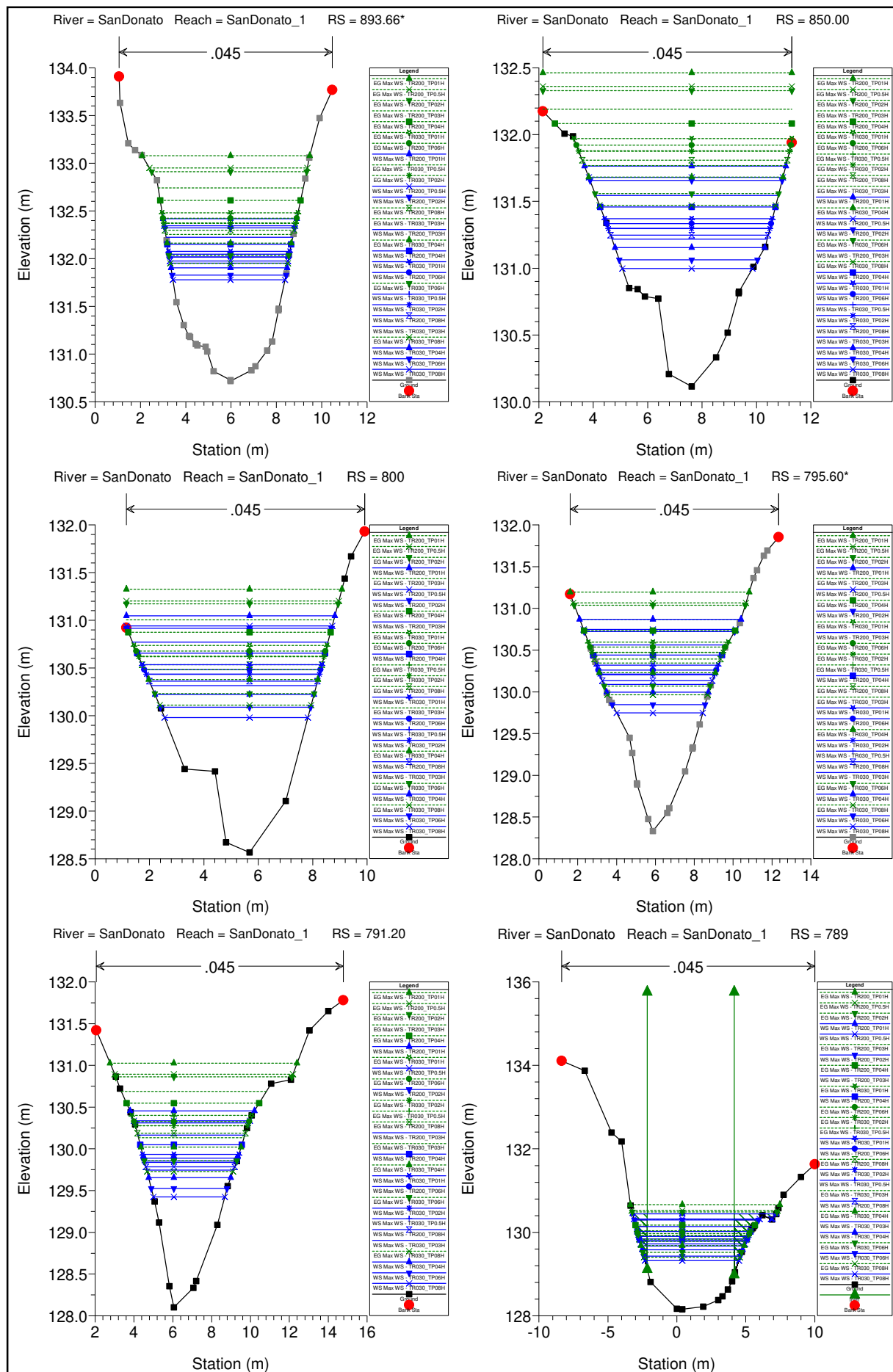
HEC-RAS River: SanDonato Reach: SanDonato_1 Profile: PF 1 (Continued)

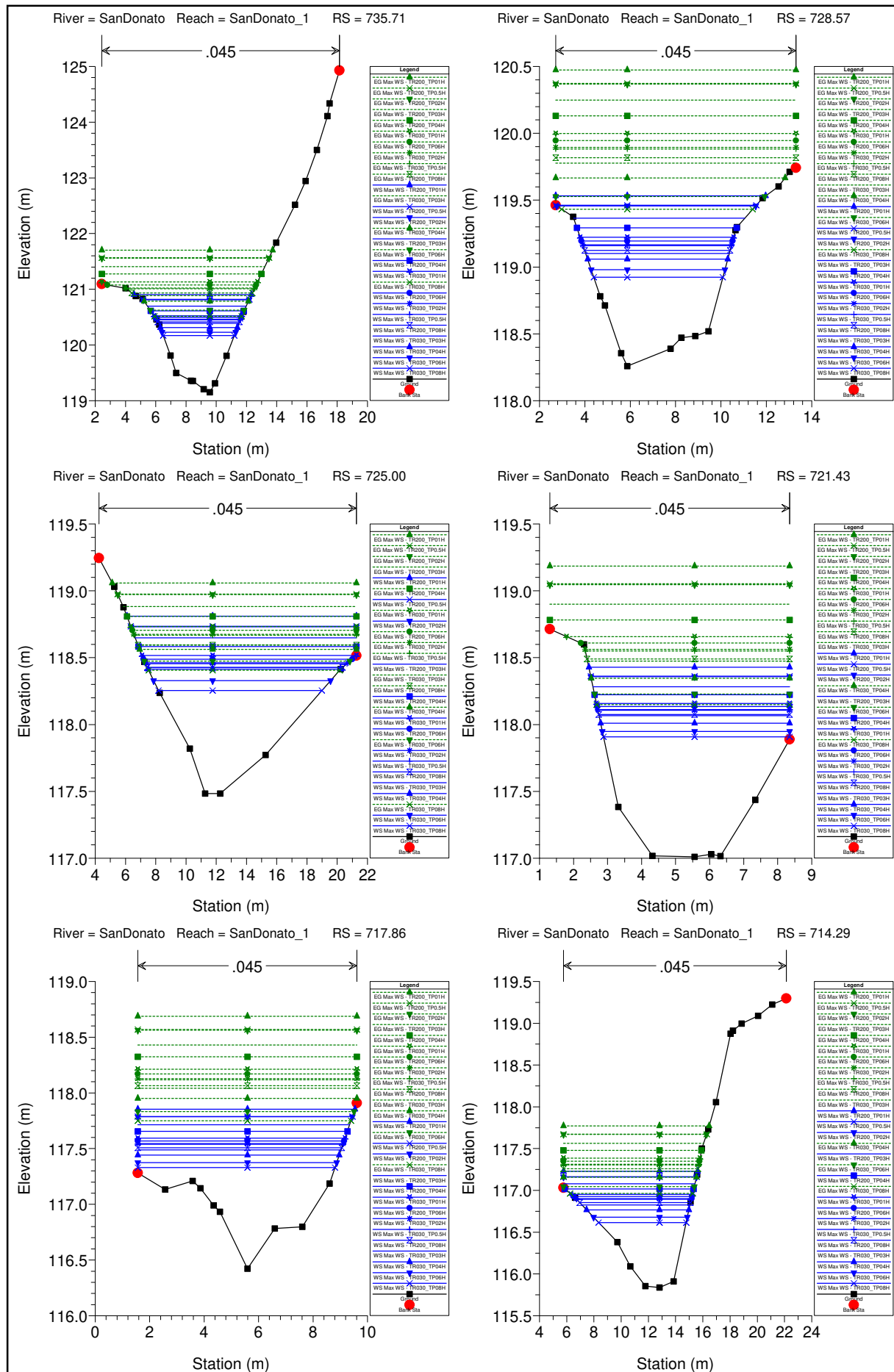
Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
SanDonato_1	1744.68	PF 1	TR200_TP01H	31.00	163.33	166.04	166.04	166.60	0.071432	3.29	9.42	8.54	1.00
SanDonato_1	1744.68	PF 1	TR030_TP01H	20.40	163.33	165.64	165.64	166.14	0.080131	3.14	6.49	6.57	1.01
SanDonato_1	1709.87	PF 1	TR200_TP01H	31.00	159.54	161.28	161.74	162.84	0.169220	5.54	5.60	4.11	1.51
SanDonato_1	1709.87	PF 1	TR030_TP01H	20.40	159.54	160.91	161.28	162.16	0.168662	4.95	4.12	3.82	1.52
SanDonato_1	1675.06	PF 1	TR200_TP01H	31.00	157.84	159.96	159.66	160.42	0.033487	3.00	10.35	6.57	0.76
SanDonato_1	1675.06	PF 1	TR030_TP01H	20.40	157.84	159.46	159.29	159.87	0.038840	2.82	7.24	5.91	0.81
SanDonato_1	1640.26	PF 1	TR200_TP01H	31.00	156.11	159.27		159.53	0.017604	2.25	13.76	7.27	0.52
SanDonato_1	1640.26	PF 1	TR030_TP01H	20.40	156.11	158.71		158.92	0.017992	2.05	9.94	6.22	0.52
SanDonato_1	1605.45	PF 1	TR200_TP01H	31.00	155.12	157.56	157.56	158.38	0.072541	4.01	7.73	4.76	1.00
SanDonato_1	1605.45	PF 1	TR030_TP01H	20.40	155.12	157.09	157.09	157.76	0.072727	3.63	5.62	4.20	1.00
SanDonato_1	1570.65	PF 1	TR200_TP01H	31.00	153.65	155.59	155.25	155.92	0.025456	2.54	12.21	8.81	0.69
SanDonato_1	1570.65	PF 1	TR030_TP01H	20.40	153.65	155.21	154.96	155.48	0.027324	2.28	8.94	8.26	0.70
SanDonato_1	1535.84	PF 1	TR200_TP01H	31.00	151.96	153.93	153.93	154.60	0.058589	3.64	8.52	6.31	1.00
SanDonato_1	1535.84	PF 1	TR030_TP01H	20.40	151.96	153.54	153.54	154.09	0.060304	3.27	6.23	5.71	1.00
SanDonato_1	1501.03	PF 1	TR200_TP01H	31.00	149.95	152.24	151.96	152.64	0.032307	2.82	11.00	7.87	0.76
SanDonato_1	1501.03	PF 1	TR030_TP01H	20.40	149.95	151.83	151.60	152.16	0.033965	2.57	7.94	6.91	0.77
SanDonato_1	1466.23	PF 1	TR200_TP01H	31.00	148.05	150.44	150.44	151.10	0.062124	3.60	8.60	6.48	1.00
SanDonato_1	1466.23	PF 1	TR030_TP01H	20.40	148.05	149.99	149.98	150.56	0.063537	3.37	6.06	5.16	0.99
SanDonato_1	1431.42	PF 1	TR200_TP01H	31.00	146.97	149.15	148.85	149.55	0.030116	2.81	11.02	7.62	0.75
SanDonato_1	1431.42	PF 1	TR030_TP01H	20.40	146.97	148.80	148.50	149.09	0.027239	2.41	8.45	6.97	0.70
SanDonato_1	1396.61	PF 1	TR200_TP01H	31.00	146.22	147.61	147.61	148.16	0.054546	3.28	9.45	8.72	1.01
SanDonato_1	1396.61	PF 1	TR030_TP01H	20.40	146.22	147.32	147.32	147.75	0.057302	2.92	6.98	8.10	1.01
SanDonato_1	1361.81	PF 1	TR200_TP01H	31.00	142.75	145.00	144.31	145.19	0.012014	1.94	15.96	9.71	0.48
SanDonato_1	1361.81	PF 1	TR030_TP01H	20.40	142.75	144.57	144.04	144.72	0.012120	1.71	11.96	9.26	0.48
SanDonato_1	1327	PF 1	TR200_TP01H	31.00	141.09	143.68	143.68	144.32	0.067167	3.53	8.78	7.02	1.01
SanDonato_1	1327	PF 1	TR030_TP01H	20.40	141.09	143.33	143.33	143.84	0.070750	3.17	6.43	6.34	1.01
SanDonato_1	1295.25	PF 1	TR200_TP01H	31.00	139.91	141.34	141.63	142.35	0.054612	4.46	6.96	7.63	1.49
SanDonato_1	1295.25	PF 1	TR030_TP01H	20.40	139.91	141.11	141.32	141.87	0.052480	3.86	5.28	7.10	1.43
SanDonato_1	1263.50	PF 1	TR200_TP01H	31.00	138.13	139.95	140.19	140.83	0.039459	4.17	7.44	6.86	1.28
SanDonato_1	1263.50	PF 1	TR030_TP01H	20.40	138.13	139.63	139.81	140.37	0.042011	3.81	5.36	6.03	1.29
SanDonato_1	1231.75*	PF 1	TR200_TP01H	31.00	137.07	139.24	139.25	139.84	0.025757	3.43	9.05	7.70	1.01
SanDonato_1	1231.75*	PF 1	TR030_TP01H	20.40	137.07	138.89	138.89	139.39	0.027201	3.14	6.50	6.52	1.00
SanDonato_1	1200	PF 1	TR200_TP01H	31.00	135.73	137.27	137.66	138.48	0.073892	4.88	6.35	7.19	1.66
SanDonato_1	1200	PF 1	TR030_TP01H	20.40	135.73	137.03	137.32	137.98	0.075249	4.31	4.73	6.67	1.63
SanDonato_1	1000	PF 1	TR200_TP01H	31.00	134.76	135.90	136.28	137.01	0.064477	4.66	6.65	8.13	1.65
SanDonato_1	1000	PF 1	TR030_TP01H	20.40	134.76	135.70	135.95	136.53	0.061520	4.04	5.05	7.49	1.57
SanDonato_1	956.79	PF 1	TR200_TP01H	31.00	132.06	135.66	133.93	135.75	0.002180	1.34	23.19	13.20	0.32
SanDonato_1	956.79	PF 1	TR030_TP01H	20.40	132.06	135.30	133.55	135.36	0.001155	1.05	19.44	9.32	0.23
SanDonato_1	950	PF 1	TR200_TP01H	31.00	131.64	135.61	133.86	135.73	0.005958	1.54	20.17	20.62	0.50
SanDonato_1	950	PF 1	TR030_TP01H	20.40	131.64	135.22	133.35	135.34	0.005353	1.50	13.61	12.31	0.46
SanDonato_1	930			Bridge									
SanDonato_1	925	PF 1	TR200_TP01H	31.00	131.15	133.03	133.03	133.89	0.018979	4.11	7.54	5.74	1.01
SanDonato_1	925	PF 1	TR030_TP01H	20.40	131.15	132.62	132.62	133.26	0.020629	3.57	5.72	5.34	1.00
SanDonato_1	893.66*	PF 1	TR200_TP01H	31.00	130.72	132.35	132.65	133.44	0.046584	4.63	6.70	5.78	1.37
SanDonato_1	893.66*	PF 1	TR030_TP01H	20.40	130.72	132.11	132.27	132.85	0.037367	3.80	5.37	5.41	1.22
SanDonato_1	850.00	PF 1	TR200_TP01H	31.00	130.12	132.05	132.05	132.62	0.025383	3.36	9.21	8.83	1.05
SanDonato_1	850.00	PF 1	TR030_TP01H	20.40	130.12	131.73	131.74	132.20	0.024441	3.03	6.73	7.30	1.01
SanDonato_1	800	PF 1	TR200_TP01H	31.00	128.57	131.40	130.72	131.58	0.008837	1.92	16.14	16.27	0.62
SanDonato_1	800	PF 1	TR030_TP01H	20.40	128.57	130.84	130.35	131.06	0.008384	2.12	9.64	7.34	0.59
SanDonato_1	791.20	PF 1	TR200_TP01H	31.00	128.10	130.58	130.58	131.21	0.025000	3.53	8.79	6.97	1.00
SanDonato_1	791.20	PF 1	TR030_TP01H	20.40	128.10	130.14	130.14	130.71	0.026628	3.33	6.13	5.46	1.00
SanDonato_1	789	PF 1	TR200_TP01H	31.00	128.16	130.49	129.76	130.77	0.004656	2.36	13.11	10.49	0.52
SanDonato_1	789	PF 1	TR030_TP01H	20.40	128.16	130.03	129.43	130.23	0.004580	1.99	10.25	8.23	0.50
SanDonato_1	788			Bridge									
SanDonato_1	786	PF 1	TR200_TP01H	31.00	127.67	128.99	129.40	130.39	0.070460	5.25	5.90	6.83	1.75
SanDonato_1	786	PF 1	TR030_TP01H	20.40	127.67	128.72	129.07	129.90	0.085595	4.80	4.25	6.27	1.85
SanDonato_1	783.23	PF 1	TR200_TP01H	31.00	127.35	128.20	128.54	129.50	0.204967	5.04	6.15	17.02	2.68
SanDonato_1	783.23	PF 1	TR030_TP01H	20.40	127.35	128.13	128.37	128.97	0.138211	4.07	5.01	14.19	2.19
SanDonato_1	774.92	PF 1	TR200_TP01H	31.00	125.72	127.47	127.50	127.98	0.025071	3.17	9.79	10.61	1.05
SanDonato_1	774.92	PF 1	TR030_TP01H	20.40	125.72	127.17	127.22	127.63	0.027872	2.99	6.81	8.70	1.08
SanDonato_1	752.13	PF 1	TR200_TP01H	31.00	122.56	124.49	124.62	125.55	0.055145	4.55	6.81	7.01	1.47
SanDonato_1	752.13	PF 1	TR030_TP01H	20.40	122.56	124.18	124.46	125.07	0.053814	4.18	4.88	5.47	1.41

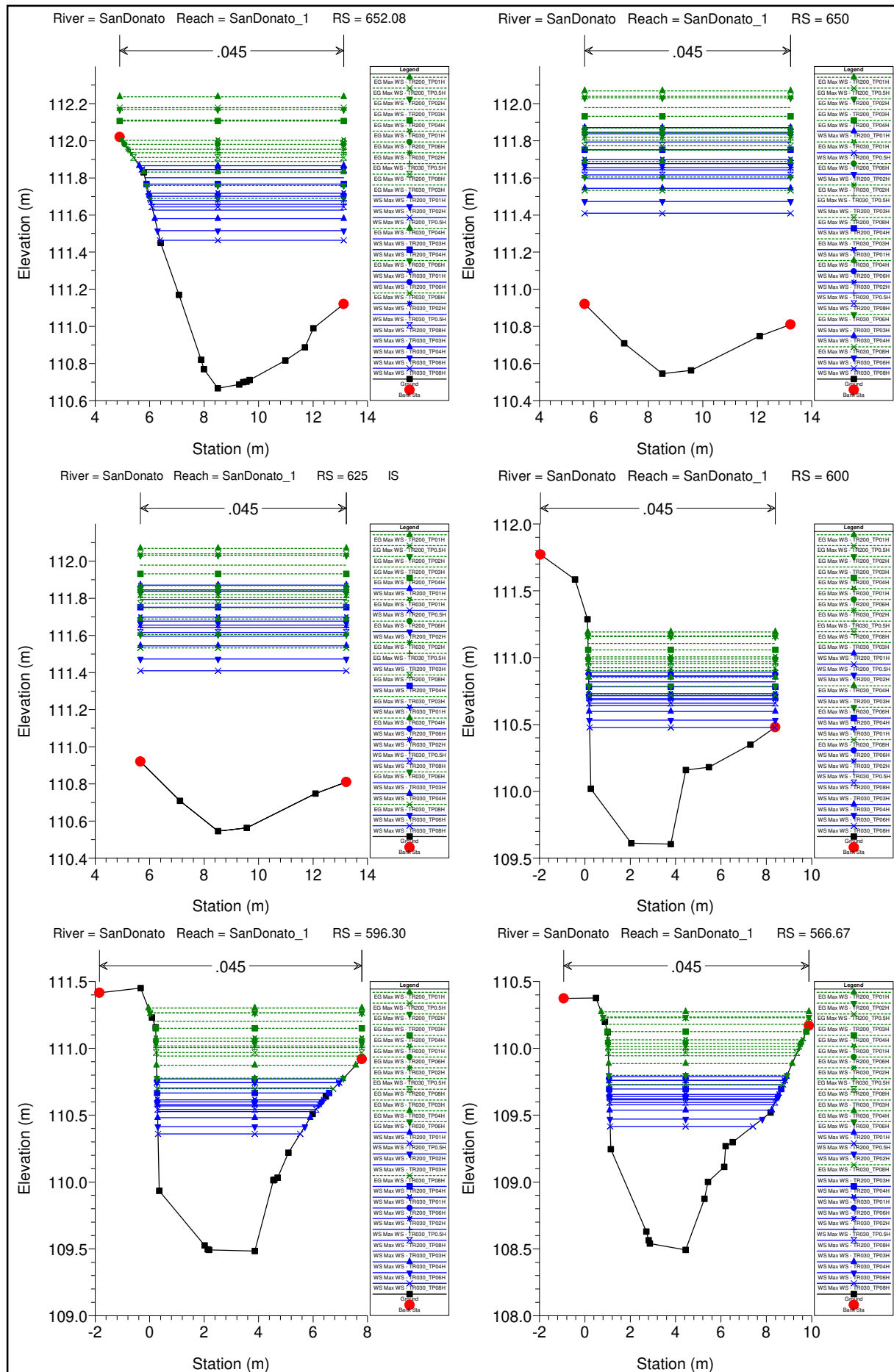
HEC-RAS River: SanDonato Reach: SanDonato_1 Profile: PF 1 (Continued)

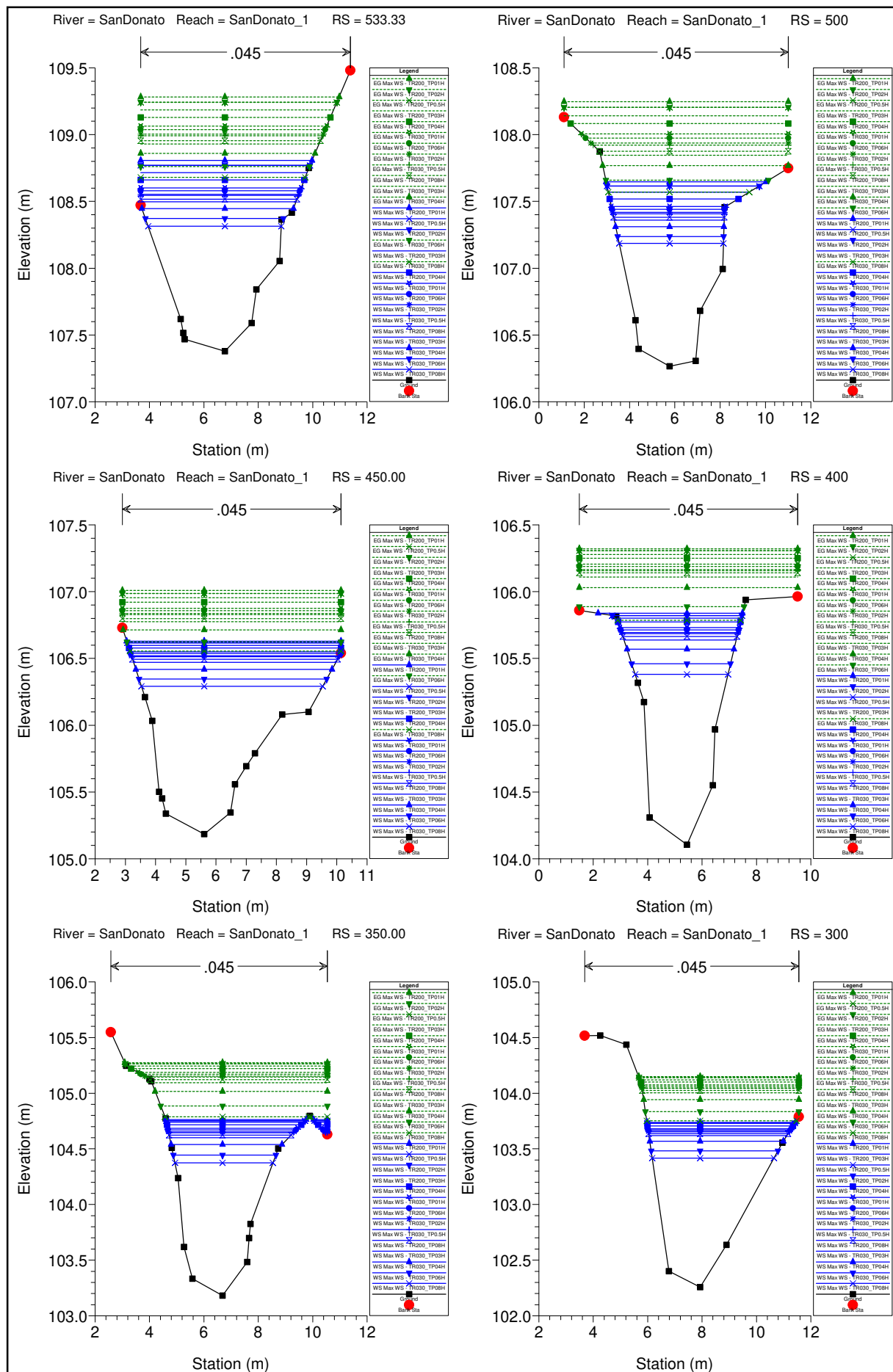
Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
SanDonato_1	742.86	PF 1	TR200_TP01H	31.00	120.73	121.95	122.38	123.35	0.095407	5.24	5.92	8.31	1.98
SanDonato_1	742.86	PF 1	TR030_TP01H	20.40	120.73	121.75	122.09	122.86	0.100925	4.66	4.38	7.69	1.97
SanDonato_1	735.71	PF 1	TR200_TP01H	31.00	119.15	121.17	121.24	121.60	0.033491	2.91	10.67	16.63	1.16
SanDonato_1	735.71	PF 1	TR030_TP01H	20.40	119.15	120.71	120.81	121.30	0.030960	3.39	6.01	6.57	1.13

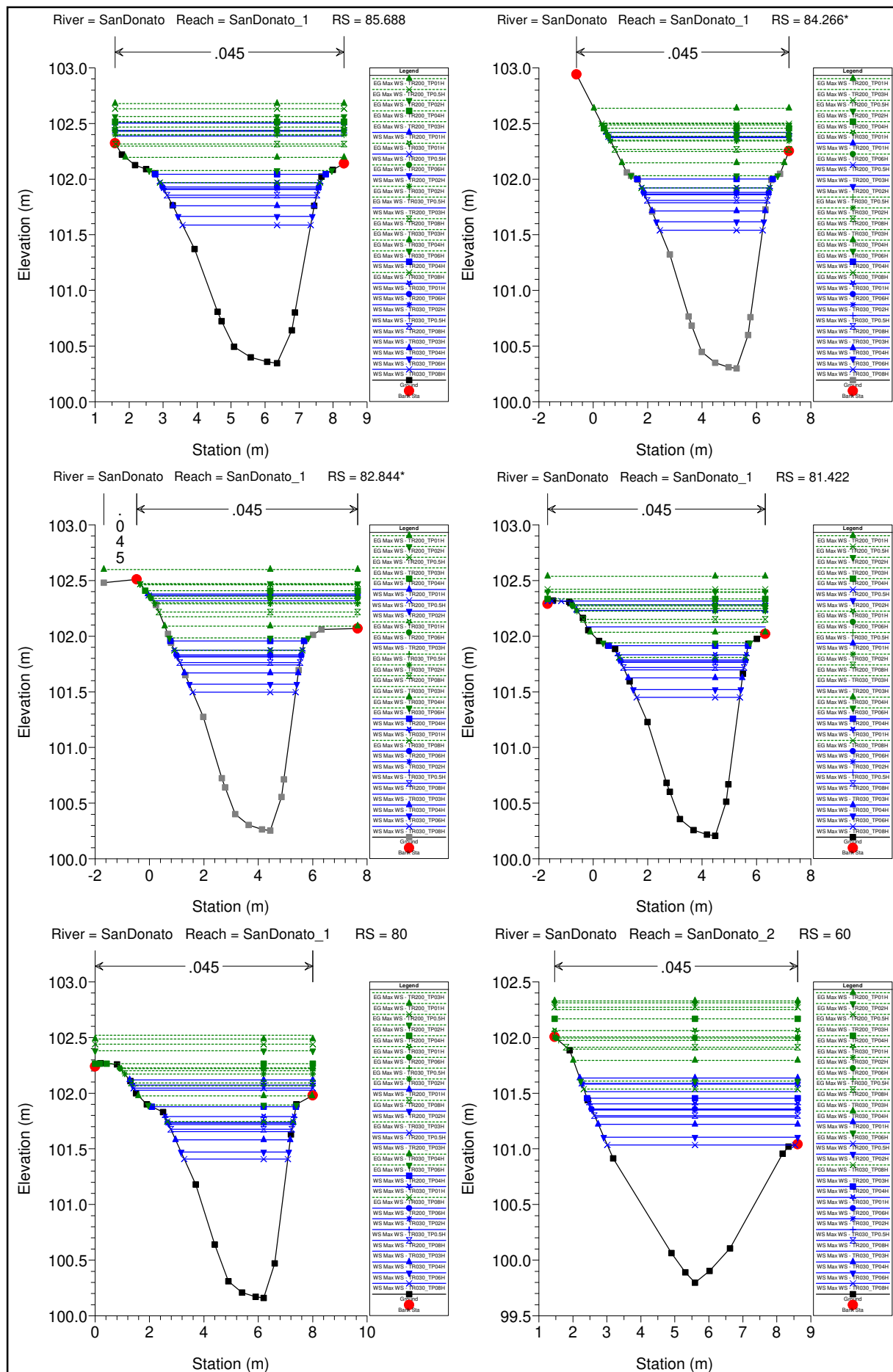


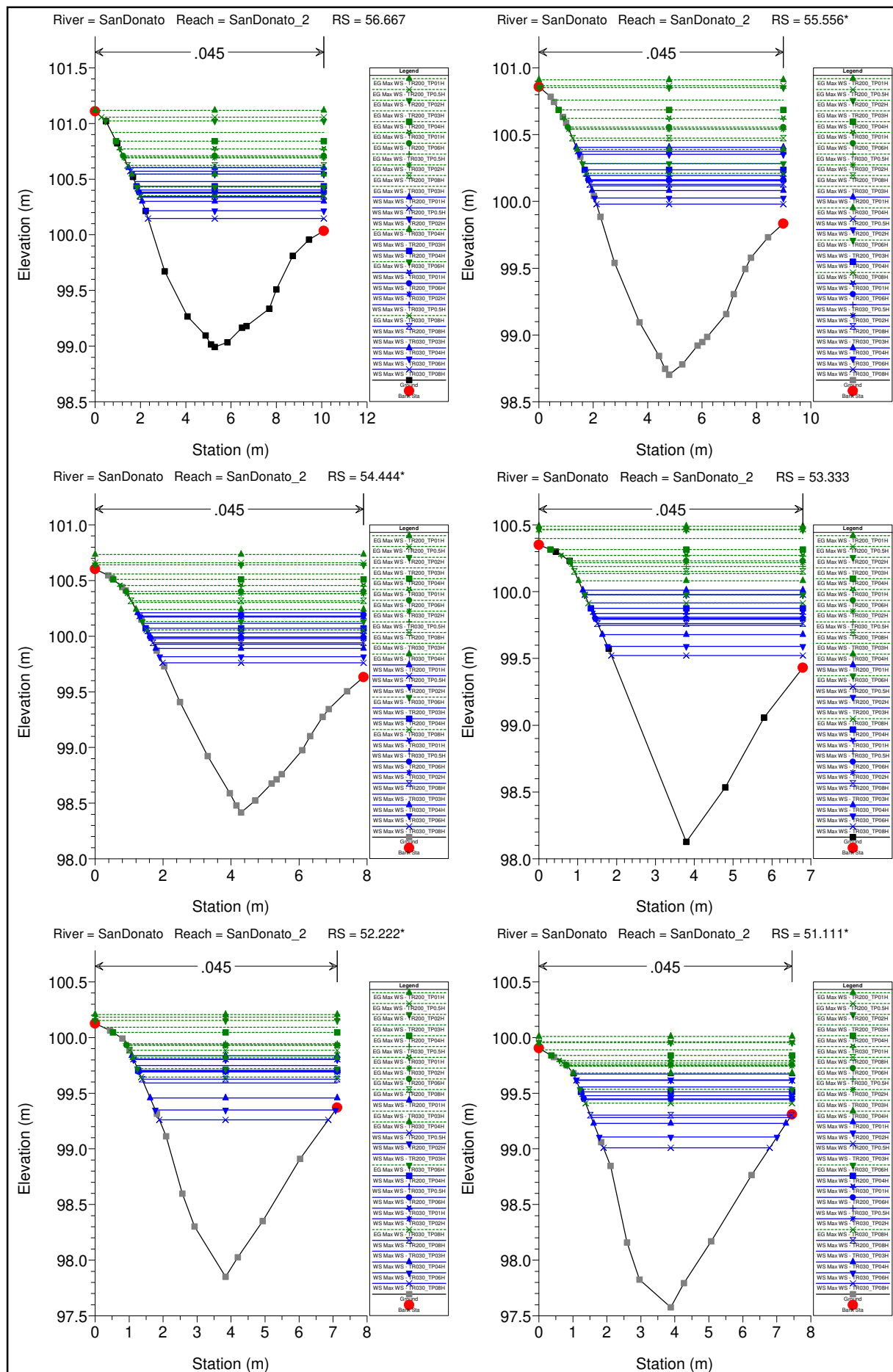












HEC-RAS Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
SanDonato_1	1200	Max WS	TR200_TP03H	18.31	135.73	136.99	137.25	137.85	0.071371	4.09	4.48	6.58	1.58
SanDonato_1	1200	Max WS	TR200_TP01H	24.66	135.73	137.17	137.45	138.14	0.064961	4.35	5.67	6.97	1.54
SanDonato_1	1200	Max WS	TR200_TP02H	21.37	135.73	137.08	137.35	138.00	0.068734	4.24	5.04	6.77	1.57
SanDonato_1	1200	Max WS	TR200_TP0.5H	22.30	135.73	137.10	137.38	138.04	0.067802	4.28	5.21	6.83	1.56
SanDonato_1	1200	Max WS	TR200_TP04H	16.09	135.73	136.93	137.17	137.73	0.072895	3.95	4.07	6.44	1.59
SanDonato_1	1200	Max WS	TR200_TP06H	13.10	135.73	136.86	137.06	137.53	0.070070	3.64	3.60	6.28	1.54
SanDonato_1	1200	Max WS	TR200_TP08H	9.63	135.73	136.84	136.91	137.23	0.040539	2.74	3.52	6.25	1.17
SanDonato_1	1200	Max WS	TR030_TP0.5H	10.37	135.73	136.86	136.94	137.28	0.042538	2.85	3.64	6.29	1.20
SanDonato_1	1200	Max WS	TR030_TP01H	14.06	135.73	136.88	137.10	137.60	0.072847	3.78	3.72	6.32	1.57
SanDonato_1	1200	Max WS	TR030_TP02H	9.94	135.73	136.85	136.92	137.25	0.041405	2.79	3.56	6.27	1.18
SanDonato_1	1200	Max WS	TR030_TP03H	9.70	135.73	136.85	136.91	137.23	0.040712	2.75	3.53	6.25	1.17
SanDonato_1	1200	Max WS	TR030_TP04H	9.24	135.73	136.83	136.89	137.20	0.039465	2.68	3.45	6.22	1.15
SanDonato_1	1200	Max WS	TR030_TP06H	7.52	135.73	136.78	136.81	137.08	0.035765	2.42	3.11	6.10	1.08
SanDonato_1	1200	Max WS	TR030_TP08H	6.43	135.73	136.74	136.75	136.99	0.033864	2.25	2.85	6.01	1.04
SanDonato_1	1199.99			Lat Struct									
SanDonato_1	1199.98			Lat Struct									
SanDonato_1	1000	Max WS	TR200_TP03H	18.31	134.76	135.84	135.88	136.29	0.027605	2.96	6.18	7.94	1.07
SanDonato_1	1000	Max WS	TR200_TP01H	24.62	134.76	136.10	136.09	136.54	0.023004	2.96	8.32	9.30	1.00
SanDonato_1	1000	Max WS	TR200_TP02H	21.37	134.76	135.97	135.98	136.42	0.024489	2.97	7.20	8.36	1.02
SanDonato_1	1000	Max WS	TR200_TP0.5H	22.29	134.76	136.00	136.01	136.45	0.023874	2.98	7.49	8.50	1.01
SanDonato_1	1000	Max WS	TR200_TP04H	16.09	134.76	135.75	135.80	136.19	0.030887	2.96	5.43	7.60	1.12
SanDonato_1	1000	Max WS	TR200_TP06H	13.10	134.76	135.55	135.70	136.10	0.051583	3.28	4.00	7.17	1.40
SanDonato_1	1000	Max WS	TR200_TP08H	11.21	134.76	135.44	135.62	136.06	0.073767	3.49	3.21	6.93	1.64
SanDonato_1	1000	Max WS	TR030_TP0.5H	12.46	134.76	135.50	135.68	136.09	0.060906	3.40	3.66	7.07	1.51
SanDonato_1	1000	Max WS	TR030_TP01H	14.03	134.76	135.63	135.73	136.11	0.040530	3.10	4.53	7.33	1.26
SanDonato_1	1000	Max WS	TR030_TP02H	12.30	134.76	135.50	135.67	136.09	0.061732	3.40	3.62	7.06	1.52
SanDonato_1	1000	Max WS	TR030_TP03H	10.54	134.76	135.41	135.60	136.04	0.079670	3.50	3.01	6.87	1.69
SanDonato_1	1000	Max WS	TR030_TP04H	9.24	134.76	135.34	135.54	136.01	0.101977	3.62	2.55	6.73	1.87
SanDonato_1	1000	Max WS	TR030_TP06H	7.52	134.76	135.29	135.47	135.88	0.104788	3.39	2.22	6.62	1.87
SanDonato_1	1000	Max WS	TR030_TP08H	6.43	134.76	135.26	135.42	135.79	0.108675	3.24	1.99	6.54	1.87
SanDonato_1	956.79	Max WS	TR200_TP03H	18.77	132.06	135.22		135.28	0.001062	1.00	18.76	9.05	0.22
SanDonato_1	956.79	Max WS	TR200_TP01H	25.27	132.06	135.56		135.63	0.001355	1.15	22.07	10.67	0.25
SanDonato_1	956.79	Max WS	TR200_TP02H	21.90	132.06	135.40		135.46	0.001195	1.07	20.42	9.78	0.24
SanDonato_1	956.79	Max WS	TR200_TP0.5H	22.73	132.06	135.44		135.50	0.001234	1.09	20.83	9.98	0.24
SanDonato_1	956.79	Max WS	TR200_TP04H	16.50	132.06	135.07		135.11	0.001003	0.95	17.37	8.70	0.21
SanDonato_1	956.79	Max WS	TR200_TP06H	13.44	132.06	134.48		134.54	0.001573	1.07	12.60	7.60	0.26
SanDonato_1	956.79	Max WS	TR200_TP08H	11.50	132.06	133.95		134.04	0.003046	1.30	8.82	6.68	0.36
SanDonato_1	956.79	Max WS	TR030_TP0.5H	12.71	132.06	134.26		134.32	0.002071	1.16	10.94	7.22	0.30
SanDonato_1	956.79	Max WS	TR030_TP01H	14.35	132.06	134.77		134.82	0.001144	0.97	14.87	8.08	0.23
SanDonato_1	956.79	Max WS	TR030_TP02H	12.61	132.06	134.23		134.30	0.002132	1.17	10.76	7.18	0.31
SanDonato_1	956.79	Max WS	TR030_TP03H	10.82	132.06	133.81		133.91	0.003655	1.37	7.90	6.42	0.39
SanDonato_1	956.79	Max WS	TR030_TP04H	9.48	132.06	133.18		133.44	0.016295	2.25	4.22	5.30	0.80
SanDonato_1	956.79	Max WS	TR030_TP06H	7.73	132.06	133.01		133.28	0.021791	2.33	3.31	5.01	0.92
SanDonato_1	956.79	Max WS	TR030_TP08H	6.60	132.06	132.91	132.90	133.18	0.024726	2.31	2.85	4.87	0.97
SanDonato_1	950	Max WS	TR200_TP03H	18.84	131.64	135.13	133.27	135.24	0.004265	1.48	12.71	9.30	0.40
SanDonato_1	950	Max WS	TR200_TP01H	25.30	131.64	135.47	133.59	135.60	0.004032	1.58	15.98	10.07	0.40
SanDonato_1	950	Max WS	TR200_TP02H	21.98	131.64	135.31	133.43	135.43	0.004073	1.53	14.40	9.72	0.40
SanDonato_1	950	Max WS	TR200_TP0.5H	22.80	131.64	135.35	133.47	135.47	0.004056	1.54	14.80	9.81	0.40
SanDonato_1	950	Max WS	TR200_TP04H	16.56	131.64	134.97	133.15	135.08	0.004583	1.47	11.26	8.72	0.41
SanDonato_1	950	Max WS	TR200_TP06H	13.49	131.64	134.39	132.98	134.51	0.001483	1.55	8.68	7.66	0.31
SanDonato_1	950	Max WS	TR200_TP08H	11.54	131.64	133.86	132.86	134.01	0.002305	1.67	6.92	6.91	0.37
SanDonato_1	950	Max WS	TR030_TP0.5H	12.76	131.64	134.16	132.93	134.30	0.001795	1.61	7.92	7.35	0.33
SanDonato_1	950	Max WS	TR030_TP01H	14.41	131.64	134.68	133.03	134.79	0.001187	1.49	9.65	8.07	0.28
SanDonato_1	950	Max WS	TR030_TP02H	12.66	131.64	134.14	132.93	134.27	0.001832	1.62	7.84	7.31	0.34
SanDonato_1	950	Max WS	TR030_TP03H	10.86	131.64	133.73	132.82	133.87	0.002554	1.68	6.47	6.70	0.39
SanDonato_1	950	Max WS	TR030_TP04H	9.52	131.64	133.13	132.73	133.36	0.006835	2.14	4.45	5.76	0.59
SanDonato_1	950	Max WS	TR030_TP06H	7.76	131.64	132.96	132.61	133.16	0.007195	2.00	3.88	5.50	0.59
SanDonato_1	950	Max WS	TR030_TP08H	6.63	131.64	132.84	132.53	133.02	0.007514	1.90	3.48	5.32	0.60
SanDonato_1	930			Bridge									
SanDonato_1	925	Max WS	TR200_TP03H	18.84	131.15	132.56	132.55	133.16	0.020398	3.44	5.47	5.29	0.99
SanDonato_1	925	Max WS	TR200_TP01H	25.30	131.15	132.80	132.81	133.56	0.020247	3.87	6.54	5.50	1.01
SanDonato_1	925	Max WS	TR200_TP02H	21.98	131.15	132.69	132.68	133.36	0.019951	3.64	6.04	5.40	0.99
SanDonato_1	925	Max WS	TR200_TP0.5H	22.80	131.15	132.72	132.72	133.41	0.020060	3.70	6.17	5.43	1.00
SanDonato_1	925	Max WS	TR200_TP04H	16.56	131.15	132.46	132.45	133.01	0.020609	3.28	5.05	5.20	0.98
SanDonato_1	925	Max WS	TR200_TP06H	13.49	131.15	132.33	132.30	132.80	0.020921	3.04	4.44	5.05	0.97
SanDonato_1	925	Max WS	TR200_TP08H	11.54	131.15	132.23	132.21	132.65	0.021160	2.86	4.03	4.94	0.96
SanDonato_1	925	Max WS	TR030_TP0.5H	12.76	131.15	132.29	132.27	132.74	0.021082	2.98	4.29	5.01	0.96
SanDonato_1	925	Max WS	TR030_TP01H	14.41	131.15	132.37	132.35	132.86	0.020858	3.11	4.63	5.09	0.97
SanDonato_1	925	Max WS	TR030_TP02H	12.66	131.15	132.29	132.26	132.74	0.020998	2.96	4.27	5.00	0.96
SanDonato_1	925	Max WS	TR030_TP03H	10.86	131.15	132.20	132.17	132.60	0.021175	2.79	3.89	4.91	0.95
SanDonato_1	925	Max WS	TR030_TP04H	9.52	131.15	132.13	132.10	132.49	0.021282	2.65	3.59	4.83	0.94
SanDonato_1	925	Max WS	TR030_TP06H	7.76	131.15	132.04		132.34	0.021431	2.45	3.17	4.72	0.92
SanDonato_1	925	Max WS	TR030_TP08H	6.63	131.15	131.97		132.24	0.021333	2.30	2.88	4.65	0.91
SanDonato_1	900.99			Lat Struct									
SanDonato_1	900.98			Lat Struct									
SanDonato_1	893.66*	Max WS	TR200_TP03H	19.04	130.72	132.23	132.21	132.74	0.024005	3.18	5.99	5.59	0.98
SanDonato_1	893.66*	Max WS	TR200_TP01H	25.52	130.72	132.42	132.45	133.08	0.026878	3.60	7.10	5.89	1.05
SanDonato_1	893.66*	Max WS	TR200_TP02H	22.21	130.72	132.32	132.33	132.91	0.025555	3.40	6.54	5.74	1.02
SanDonato_1	893.66*	Max WS	TR200_TP0.5H	22.99	130.72	132.34	132.36	132.95	0.025936	3.45	6.67	5.78	1.03
SanDonato_1	893.66*	Max WS	TR200_TP04H	16.74	130.72	132.15	132.11	132.61	0.022636	3.00	5.58	5.47	0.95
SanDonato_1	893.66*	Max WS	TR200_TP06H	13.63	130.72	132.05		132.42	0.020265	2.72	5.01	5.31	0.89
SanDonato_1	893.66*	Max WS	TR200_TP08H	11.65	130.72	131.98		132.30	0.018382	2.51	4.65	5.22	0.85
SanDonato_1	893.66*	Max WS	TR030_TP0.5H	12.87	130.72	132.02		132.38	0.019670	2.65	4.87	5.27	0.88
SanDonato_1	893.66*	Max WS	TR030_TP01H	14.55	130.72	132.08		132.48	0.021091	2.81	5.18	5.35	0.91

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
SanDonato_1	893.66*	Max WS	TR030_TP02H	12.79	130.72	132.02		132.37	0.019520	2.63	4.86	5.27	0.88
SanDonato_1	893.66*	Max WS	TR030_TP03H	10.98	130.72	131.95		132.25	0.017658	2.43	4.52	5.19	0.83
SanDonato_1	893.66*	Max WS	TR030_TP04H	9.62	130.72	131.90		132.16	0.016050	2.26	4.27	5.13	0.79
SanDonato_1	893.66*	Max WS	TR030_TP06H	7.83	130.72	131.83		132.04	0.013922	2.02	3.89	5.03	0.73
SanDonato_1	893.66*	Max WS	TR030_TP08H	6.69	130.72	131.78		131.95	0.012277	1.84	3.64	4.95	0.68
SanDonato_1	850.00	Max WS	TR200_TP03H	19.32	130.12	131.55	131.70	132.19	0.039898	3.56	5.43	6.71	1.26
SanDonato_1	850.00	Max WS	TR200_TP01H	25.82	130.12	131.76	131.91	132.46	0.035432	3.70	6.98	7.40	1.22
SanDonato_1	850.00	Max WS	TR200_TP02H	22.51	130.12	131.66	131.81	132.33	0.037335	3.63	6.20	7.06	1.24
SanDonato_1	850.00	Max WS	TR200_TP0.5H	23.24	130.12	131.68	131.83	132.36	0.037111	3.65	6.36	7.13	1.24
SanDonato_1	850.00	Max WS	TR200_TP04H	16.98	130.12	131.46	131.61	132.08	0.042231	3.50	4.85	6.44	1.29
SanDonato_1	850.00	Max WS	TR200_TP06H	13.83	130.12	131.33	131.48	131.92	0.045976	3.40	4.07	6.04	1.32
SanDonato_1	850.00	Max WS	TR200_TP08H	11.83	130.12	131.25	131.39	131.81	0.049108	3.32	3.57	5.79	1.35
SanDonato_1	850.00	Max WS	TR030_TP0.5H	13.04	130.12	131.30	131.45	131.88	0.047385	3.37	3.87	5.94	1.34
SanDonato_1	850.00	Max WS	TR030_TP01H	14.76	130.12	131.37	131.52	131.97	0.044924	3.43	4.30	6.16	1.31
SanDonato_1	850.00	Max WS	TR030_TP02H	12.99	130.12	131.30	131.44	131.88	0.047340	3.37	3.86	5.94	1.33
SanDonato_1	850.00	Max WS	TR030_TP03H	11.14	130.12	131.22	131.36	131.77	0.050411	3.29	3.39	5.70	1.36
SanDonato_1	850.00	Max WS	TR030_TP04H	9.78	130.12	131.15	131.29	131.68	0.053277	3.22	3.04	5.50	1.38
SanDonato_1	850.00	Max WS	TR030_TP06H	7.97	130.12	131.06	131.20	131.56	0.056727	3.12	2.56	5.09	1.40
SanDonato_1	850.00	Max WS	TR030_TP08H	6.81	130.12	131.00	131.13	131.47	0.059899	3.05	2.24	4.79	1.42
SanDonato_1	800	Max WS	TR200_TP03H	19.67	128.57	130.77		131.01	0.008936	2.15	9.17	7.19	0.61
SanDonato_1	800	Max WS	TR200_TP01H	26.26	128.57	131.05		131.33	0.009050	2.34	11.23	7.67	0.62
SanDonato_1	800	Max WS	TR200_TP02H	22.92	128.57	130.92		131.17	0.008980	2.24	10.24	7.54	0.61
SanDonato_1	800	Max WS	TR200_TP0.5H	23.59	128.57	130.94		131.20	0.009050	2.26	10.42	7.57	0.62
SanDonato_1	800	Max WS	TR200_TP04H	17.30	128.57	130.66		130.87	0.008901	2.07	8.35	6.90	0.60
SanDonato_1	800	Max WS	TR200_TP06H	14.09	128.57	130.48		130.68	0.008876	1.96	7.20	6.48	0.59
SanDonato_1	800	Max WS	TR200_TP08H	11.87	128.57	130.36		130.54	0.008583	1.85	6.43	6.19	0.58
SanDonato_1	800	Max WS	TR030_TP0.5H	13.19	128.57	130.44		130.62	0.008763	1.91	6.89	6.37	0.59
SanDonato_1	800	Max WS	TR030_TP01H	15.02	128.57	130.54		130.74	0.008875	1.99	7.54	6.61	0.60
SanDonato_1	800	Max WS	TR030_TP02H	13.09	128.57	130.43		130.62	0.008650	1.90	6.89	6.36	0.58
SanDonato_1	800	Max WS	TR030_TP03H	11.15	128.57	130.32		130.48	0.008560	1.81	6.15	6.07	0.57
SanDonato_1	800	Max WS	TR030_TP04H	9.82	128.57	130.22		130.38	0.008678	1.76	5.59	5.84	0.57
SanDonato_1	800	Max WS	TR030_TP06H	8.07	128.57	130.09		130.23	0.008720	1.67	4.84	5.52	0.57
SanDonato_1	800	Max WS	TR030_TP08H	6.76	128.57	129.98		130.11	0.008793	1.59	4.25	5.27	0.57
SanDonato_1	795.60*	Max WS	TR200_TP03H	19.83	128.33	130.56		130.87	0.012875	2.45	8.10	7.06	0.73
SanDonato_1	795.60*	Max WS	TR200_TP01H	26.45	128.33	130.87		131.19	0.011965	2.53	10.46	8.30	0.72
SanDonato_1	795.60*	Max WS	TR200_TP02H	23.10	128.33	130.72		131.04	0.012461	2.49	9.27	7.74	0.73
SanDonato_1	795.60*	Max WS	TR200_TP0.5H	23.74	128.33	130.75		131.07	0.012475	2.51	9.47	7.85	0.73
SanDonato_1	795.60*	Max WS	TR200_TP04H	17.43	128.33	130.44		130.73	0.013192	2.40	7.27	6.64	0.73
SanDonato_1	795.60*	Max WS	TR200_TP06H	14.20	128.33	130.26		130.54	0.013739	2.32	6.13	6.07	0.74
SanDonato_1	795.60*	Max WS	TR200_TP08H	12.11	128.33	130.13		130.39	0.014089	2.25	5.38	5.66	0.74
SanDonato_1	795.60*	Max WS	TR030_TP0.5H	13.27	128.33	130.20		130.47	0.013948	2.29	5.79	5.89	0.74
SanDonato_1	795.60*	Max WS	TR030_TP01H	15.13	128.33	130.32		130.60	0.013478	2.34	6.48	6.26	0.73
SanDonato_1	795.60*	Max WS	TR030_TP02H	13.22	128.33	130.21		130.47	0.013586	2.27	5.83	5.91	0.73
SanDonato_1	795.60*	Max WS	TR030_TP03H	11.49	128.33	130.09		130.35	0.014372	2.24	5.13	5.52	0.74
SanDonato_1	795.60*	Max WS	TR030_TP04H	9.91	128.33	130.00		130.23	0.014099	2.14	4.63	5.25	0.73
SanDonato_1	795.60*	Max WS	TR030_TP06H	8.10	128.33	129.85		130.07	0.014956	2.09	3.88	4.77	0.74
SanDonato_1	795.60*	Max WS	TR030_TP08H	7.07	128.33	129.75		129.96	0.015761	2.07	3.42	4.43	0.75
SanDonato_1	791.20	Max WS	TR200_TP03H	19.98	128.10	130.16	130.13	130.69	0.024441	3.20	6.24	5.51	0.96
SanDonato_1	791.20	Max WS	TR200_TP01H	26.65	128.10	130.45	130.41	131.03	0.023332	3.35	7.96	6.40	0.96
SanDonato_1	791.20	Max WS	TR200_TP02H	23.28	128.10	130.31	130.27	130.86	0.023849	3.29	7.07	5.88	0.96
SanDonato_1	791.20	Max WS	TR200_TP0.5H	23.90	128.10	130.34	130.29	130.89	0.023768	3.31	7.23	5.97	0.96
SanDonato_1	791.20	Max WS	TR200_TP04H	17.57	128.10	130.05	130.01	130.55	0.024856	3.12	5.63	5.23	0.96
SanDonato_1	791.20	Max WS	TR200_TP06H	14.11	128.10	129.89		130.33	0.024178	2.93	4.82	4.85	0.94
SanDonato_1	791.20	Max WS	TR200_TP08H	12.14	128.10	129.79		130.19	0.023758	2.80	4.33	4.58	0.92
SanDonato_1	791.20	Max WS	TR030_TP0.5H	13.40	128.10	129.84	129.79	130.28	0.025115	2.93	4.57	4.72	0.95
SanDonato_1	791.20	Max WS	TR030_TP01H	15.25	128.10	129.93	129.89	130.40	0.025219	3.03	5.03	4.95	0.96
SanDonato_1	791.20	Max WS	TR030_TP02H	13.38	128.10	129.86		130.28	0.023882	2.88	4.65	4.76	0.93
SanDonato_1	791.20	Max WS	TR030_TP03H	11.44	128.10	129.75		130.13	0.023567	2.76	4.15	4.47	0.91
SanDonato_1	791.20	Max WS	TR030_TP04H	10.05	128.10	129.65		130.02	0.023691	2.68	3.75	4.23	0.91
SanDonato_1	791.20	Max WS	TR030_TP06H	8.24	128.10	129.53		129.86	0.023533	2.55	3.23	3.90	0.90
SanDonato_1	791.20	Max WS	TR030_TP08H	6.96	128.10	129.42		129.73	0.023574	2.45	2.84	3.67	0.89
SanDonato_1	789	Max WS	TR200_TP03H	20.06	128.16	130.14	129.41	130.31	0.003576	1.84	10.93	8.54	0.44
SanDonato_1	789	Max WS	TR200_TP01H	26.74	128.16	130.44	129.63	130.67	0.003708	2.08	12.85	10.41	0.47
SanDonato_1	789	Max WS	TR200_TP02H	23.37	128.16	130.29	129.52	130.49	0.003651	1.96	11.90	9.02	0.46
SanDonato_1	789	Max WS	TR200_TP0.5H	23.97	128.16	130.32	129.54	130.52	0.003666	1.99	12.08	9.21	0.46
SanDonato_1	789	Max WS	TR200_TP04H	17.64	128.16	130.02	129.33	130.17	0.003505	1.73	10.18	8.21	0.44
SanDonato_1	789	Max WS	TR200_TP06H	14.37	128.16	129.84	129.21	129.97	0.003428	1.59	9.06	7.83	0.42
SanDonato_1	789	Max WS	TR200_TP08H	12.47	128.16	129.72	129.14	129.84	0.003473	1.50	8.29	7.58	0.42
SanDonato_1	789	Max WS	TR030_TP0.5H	13.55	128.16	129.79	129.18	129.91	0.003440	1.55	8.74	7.73	0.42
SanDonato_1	789	Max WS	TR030_TP01H	15.31	128.16	129.90	129.25	130.04	0.003404	1.62	9.43	7.96	0.42
SanDonato_1	789	Max WS	TR030_TP02H	13.70	128.16	129.80	129.19	129.93	0.003437	1.56	8.80	7.75	0.42
SanDonato_1	789	Max WS	TR030_TP03H	11.80	128.16	129.67	129.11	129.78	0.003510	1.48	7.99	7.48	0.42
SanDonato_1	789	Max WS	TR030_TP04H	10.46	128.16	129.58	129.05	129.68	0.003558	1.41	7.41	7.29	0.42
SanDonato_1	789	Max WS	TR030_TP06H	8.53	128.16	129.43	128.97	129.52	0.003724	1.32	6.46	7.00	0.42
SanDonato_1	789	Max WS	TR030_TP08H	7.23	128.16	129.33	128.90	129.40	0.003841	1.25	5.80	6.81	0.41
SanDonato_1	788			Bridge									
SanDonato_1	786	Max WS	TR200_TP03H	20.06	127.67	128.81	129.06	129.71	0.057540	4.20	4.77	6.45	1.54
SanDonato_1	786	Max WS	TR200_TP01H	26.74	127.67	128.95	129.27	130.08	0.059983	4.72	5.67	6.75	1.60
SanDonato_1	786	Max WS	TR200_TP02H	23.37	127.67	128.88	129.17	129.90	0.058795	4.47	5.23	6.61	1.57
SanDonato_1	786	Max WS	TR200_TP0.5H	23.97	127.67	128.89	129.19	129.93	0.059078	4.52	5.31	6.63	1.58
SanDonato_1	786	Max WS	TR200_TP04H	17.64	127.67	128.75	128.98	129.56	0.056159	3.98	4.43	6.34	1.50
SanDonato_1	786	Max WS	TR200_TP06H	14.37	127.67	128.67	128.86	129.36	0.054600	3.66	3.92	6.15	1.46
SanDonato_1	786	Max WS	TR200_TP08H	12.47	127.67	128.62	128.78	129.23	0.053455	3.46	3.61	6.04	1.43
SanDonato_1	786	Max WS	TR030_TP0.5H	13.55	127.67	128.65	128.82	129.30	0.054277	3.58	3.79	6.10	1.45
SanDonato_1	786	Max WS	TR030_TP01H	15.31	127.67	128.70	128.89	129.42	0.05494				

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
SanDonato_1	786	Max WS	TR030_TP04H	10.46	127.67	128.56	128.70	129.09	0.050744	3.21	3.26	5.91	1.38
SanDonato_1	786	Max WS	TR030_TP06H	8.53	127.67	128.50	128.61	128.94	0.046910	2.92	2.92	5.78	1.31
SanDonato_1	786	Max WS	TR030_TP08H	7.23	127.67	128.46	128.54	128.83	0.044977	2.72	2.65	5.68	1.27
SanDonato_1	785.99			Lat Struct									
SanDonato_1	785.98			Lat Struct									
SanDonato_1	783.23	Max WS	TR200_TP03H	20.13	127.35	128.23	128.38	128.76	0.064138	3.20	6.29	14.34	1.54
SanDonato_1	783.23	Max WS	TR200_TP01H	26.75	127.35	128.35	128.51	128.93	0.054446	3.38	7.92	14.58	1.46
SanDonato_1	783.23	Max WS	TR200_TP02H	23.41	127.35	128.29	128.45	128.84	0.058417	3.29	7.12	14.46	1.50
SanDonato_1	783.23	Max WS	TR200_TP0.5H	23.99	127.35	128.30	128.46	128.86	0.057979	3.31	7.25	14.48	1.49
SanDonato_1	783.23	Max WS	TR200_TP04H	17.72	127.35	128.19	128.34	128.69	0.070078	3.14	5.65	14.23	1.59
SanDonato_1	783.23	Max WS	TR200_TP06H	14.44	127.35	128.12	128.27	128.60	0.071424	3.06	4.72	12.51	1.59
SanDonato_1	783.23	Max WS	TR200_TP08H	12.43	127.35	128.08	128.22	128.52	0.075500	2.96	4.20	12.19	1.61
SanDonato_1	783.23	Max WS	TR030_TP0.5H	13.56	127.35	128.10	128.24	128.57	0.073523	3.03	4.48	12.35	1.60
SanDonato_1	783.23	Max WS	TR030_TP01H	15.38	127.35	128.14	128.29	128.63	0.069117	3.09	4.98	12.88	1.58
SanDonato_1	783.23	Max WS	TR030_TP02H	13.66	127.35	128.10	128.25	128.57	0.073355	3.03	4.51	12.37	1.60
SanDonato_1	783.23	Max WS	TR030_TP03H	11.76	127.35	128.06	128.20	128.50	0.077106	2.92	4.02	12.10	1.62
SanDonato_1	783.23	Max WS	TR030_TP04H	10.40	127.35	128.03	128.16	128.44	0.079879	2.83	3.67	11.92	1.63
SanDonato_1	783.23	Max WS	TR030_TP06H	8.46	127.35	127.99	128.10	128.35	0.081325	2.64	3.20	11.67	1.61
SanDonato_1	783.23	Max WS	TR030_TP08H	7.16	127.35	127.96	128.06	128.28	0.084040	2.51	2.85	11.48	1.61
SanDonato_1	774.92	Max WS	TR200_TP03H	16.62	125.72	127.27		127.50	0.013882	2.15	7.73	9.63	0.77
SanDonato_1	774.92	Max WS	TR200_TP01H	20.24	125.72	127.49		127.70	0.010106	2.03	9.99	10.70	0.67
SanDonato_1	774.92	Max WS	TR200_TP02H	18.42	125.72	127.39		127.60	0.011551	2.07	8.89	10.20	0.71
SanDonato_1	774.92	Max WS	TR200_TP0.5H	18.72	125.72	127.40		127.62	0.011404	2.07	9.04	10.26	0.70
SanDonato_1	774.92	Max WS	TR200_TP04H	15.23	125.72	127.16		127.42	0.015877	2.26	6.75	8.62	0.81
SanDonato_1	774.92	Max WS	TR200_TP06H	12.97	125.72	126.99		127.29	0.019378	2.39	5.42	7.37	0.89
SanDonato_1	774.92	Max WS	TR200_TP08H	11.38	125.72	126.90	126.87	127.19	0.022535	2.41	4.71	7.12	0.95
SanDonato_1	774.92	Max WS	TR030_TP0.5H	12.26	125.72	126.95		127.24	0.020922	2.41	5.08	7.25	0.92
SanDonato_1	774.92	Max WS	TR030_TP01H	13.67	125.72	127.04		127.33	0.018420	2.38	5.75	7.60	0.87
SanDonato_1	774.92	Max WS	TR030_TP02H	12.35	125.72	126.95		127.25	0.020718	2.41	5.13	7.26	0.92
SanDonato_1	774.92	Max WS	TR030_TP03H	10.84	125.72	126.87	126.84	127.16	0.023500	2.41	4.50	7.05	0.96
SanDonato_1	774.92	Max WS	TR030_TP04H	9.72	125.72	126.80	126.79	127.09	0.026020	2.41	4.04	6.88	1.00
SanDonato_1	774.92	Max WS	TR030_TP06H	8.07	125.72	126.70	126.73	126.99	0.030166	2.37	3.40	6.64	1.06
SanDonato_1	774.92	Max WS	TR030_TP08H	6.98	125.72	126.64	126.67	126.92	0.033218	2.33	2.99	6.49	1.10
SanDonato_1	752.13	Max WS	TR200_TP03H	21.34	122.56	124.07	124.50	125.32	0.079342	4.96	4.30	4.91	1.69
SanDonato_1	752.13	Max WS	TR200_TP01H	28.07	122.56	124.26	124.72	125.68	0.083548	5.29	5.31	5.84	1.77
SanDonato_1	752.13	Max WS	TR200_TP02H	24.70	122.56	124.17	124.62	125.51	0.081770	5.13	4.81	5.41	1.74
SanDonato_1	752.13	Max WS	TR200_TP0.5H	25.06	122.56	124.18	124.64	125.53	0.081892	5.15	4.87	5.46	1.74
SanDonato_1	752.13	Max WS	TR200_TP04H	18.78	122.56	123.98	124.39	125.17	0.076745	4.82	3.90	4.48	1.65
SanDonato_1	752.13	Max WS	TR200_TP06H	15.31	122.56	123.85	124.23	124.92	0.072016	4.58	3.35	3.91	1.58
SanDonato_1	752.13	Max WS	TR200_TP08H	13.13	122.56	123.76	124.10	124.73	0.069850	4.36	3.01	3.72	1.55
SanDonato_1	752.13	Max WS	TR030_TP0.5H	14.26	122.56	123.81	124.17	124.83	0.070841	4.47	3.19	3.81	1.56
SanDonato_1	752.13	Max WS	TR030_TP01H	16.26	122.56	123.89	124.28	124.99	0.073735	4.66	3.49	4.06	1.60
SanDonato_1	752.13	Max WS	TR030_TP02H	14.43	122.56	123.82	124.18	124.85	0.071053	4.49	3.21	3.82	1.57
SanDonato_1	752.13	Max WS	TR030_TP03H	12.44	122.56	123.73	124.06	124.67	0.069021	4.28	2.91	3.66	1.53
SanDonato_1	752.13	Max WS	TR030_TP04H	10.94	122.56	123.67	123.95	124.52	0.066673	4.09	2.68	3.54	1.50
SanDonato_1	752.13	Max WS	TR030_TP06H	8.89	122.56	123.57	123.79	124.31	0.062875	3.79	2.35	3.35	1.45
SanDonato_1	752.13	Max WS	TR030_TP08H	7.61	122.56	123.51	123.70	124.16	0.060284	3.58	2.13	3.22	1.41
SanDonato_1	742.86	Max WS	TR200_TP03H	21.76	120.73	121.93	122.14	122.66	0.051481	3.79	5.74	8.24	1.45
SanDonato_1	742.86	Max WS	TR200_TP01H	28.77	120.73	122.09	122.33	122.91	0.047007	4.01	7.17	8.78	1.42
SanDonato_1	742.86	Max WS	TR200_TP02H	25.24	120.73	122.01	122.23	122.79	0.049199	3.91	6.45	8.52	1.43
SanDonato_1	742.86	Max WS	TR200_TP0.5H	25.51	120.73	122.02	122.24	122.80	0.049043	3.92	6.51	8.54	1.43
SanDonato_1	742.86	Max WS	TR200_TP04H	19.14	120.73	121.86	122.06	122.55	0.053282	3.68	5.20	8.03	1.46
SanDonato_1	742.86	Max WS	TR200_TP06H	15.60	120.73	121.76	121.95	122.39	0.056375	3.51	4.44	7.72	1.48
SanDonato_1	742.86	Max WS	TR200_TP08H	13.36	120.73	121.70	121.87	122.28	0.059140	3.39	3.94	7.51	1.49
SanDonato_1	742.86	Max WS	TR030_TP0.5H	14.51	120.73	121.73	121.91	122.34	0.057476	3.45	4.21	7.62	1.48
SanDonato_1	742.86	Max WS	TR030_TP01H	16.56	120.73	121.79	121.98	122.44	0.055541	3.56	4.65	7.81	1.47
SanDonato_1	742.86	Max WS	TR030_TP02H	14.70	120.73	121.74	121.92	122.35	0.057249	3.46	4.25	7.64	1.48
SanDonato_1	742.86	Max WS	TR030_TP03H	12.67	120.73	121.68	121.84	122.25	0.059931	3.34	3.79	7.44	1.50
SanDonato_1	742.86	Max WS	TR030_TP04H	11.13	120.73	121.63	121.79	122.16	0.061663	3.23	3.44	7.29	1.50
SanDonato_1	742.86	Max WS	TR030_TP06H	9.04	120.73	121.56	121.70	122.04	0.065133	3.07	2.94	7.03	1.52
SanDonato_1	742.86	Max WS	TR030_TP08H	7.74	120.73	121.51	121.65	121.96	0.068076	2.96	2.62	6.86	1.53
SanDonato_1	735.71	Max WS	TR200_TP03H	22.13	119.15	120.70	120.88	121.41	0.037827	3.74	5.92	6.51	1.25
SanDonato_1	735.71	Max WS	TR200_TP01H	29.23	119.15	120.90	121.15	121.70	0.039687	3.96	7.37	7.76	1.30
SanDonato_1	735.71	Max WS	TR200_TP02H	25.66	119.15	120.81	121.04	121.56	0.037091	3.83	6.70	7.00	1.25
SanDonato_1	735.71	Max WS	TR200_TP0.5H	25.90	119.15	120.82	121.05	121.57	0.037035	3.84	6.75	7.03	1.25
SanDonato_1	735.71	Max WS	TR200_TP04H	19.47	119.15	120.61	120.77	121.28	0.037293	3.61	5.39	6.15	1.23
SanDonato_1	735.71	Max WS	TR200_TP06H	15.87	119.15	120.49	120.61	121.08	0.035450	3.39	4.69	5.68	1.19
SanDonato_1	735.71	Max WS	TR200_TP08H	13.58	119.15	120.41	120.51	120.94	0.033722	3.20	4.24	5.39	1.15
SanDonato_1	735.71	Max WS	TR030_TP0.5H	14.74	119.15	120.45	120.56	121.01	0.034529	3.30	4.47	5.54	1.17
SanDonato_1	735.71	Max WS	TR030_TP01H	16.84	119.15	120.52	120.66	121.13	0.036143	3.46	4.87	5.81	1.21
SanDonato_1	735.71	Max WS	TR030_TP02H	14.94	119.15	120.46	120.57	121.02	0.034621	3.31	4.51	5.56	1.17
SanDonato_1	735.71	Max WS	TR030_TP03H	12.88	119.15	120.39	120.47	120.89	0.033059	3.14	4.11	5.31	1.14
SanDonato_1	735.71	Max WS	TR030_TP04H	11.32	119.15	120.31	120.39	120.78	0.033213	3.04	3.73	5.09	1.13
SanDonato_1	735.71	Max WS	TR030_TP06H	9.20	119.15	120.23	120.27	120.62	0.030582	2.78	3.31	4.86	1.08
SanDonato_1	735.71	Max WS	TR030_TP08H	7.86	119.15	120.17	120.19	120.51	0.028437	2.59	3.03	4.70	1.03
SanDonato_1	728.57	Max WS	TR200_TP03H	22.49	118.26	119.37	119.66	120.25	0.059551	4.16	5.40	7.54	1.57
SanDonato_1	728.57	Max WS	TR200_TP01H	29.34	118.26	119.53	119.82	120.47	0.060925	4.30	6.83	9.26	1.60
SanDonato_1	728.57	Max WS	TR200_TP02H	25.99	118.26	119.46	119.75	120.37	0.062629	4.23	6.15	8.77	1.61
SanDonato_1	728.57	Max WS	TR200_TP0.5H	26.18	118.26	119.46	119.75	120.37	0.062743	4.23	6.19	8.83	1.61
SanDonato_1	728.57	Max WS	TR200_TP04H	19.79	118.26	119.29	119.58	120.13	0.059004	4.05	4.88	7.04	1.55
SanDonato_1	728.57	Max WS	TR200_TP06H	16.13	118.26	119.19	119.45	119.95	0.059840	3.84	4.20	6.66	1.54
SanDonato_1	728.57	Max WS	TR200_TP08H	13.80	118.26	119.12	119.34	119.82	0.061046	3.69	3.74	6.41	1.54
SanDonato_1	728.57	Max WS	TR030_TP0.5H	14.97	118.2								

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
SanDonato_1	728.57	Max WS	TR030_TP04H	11.50	118.26	119.06	119.24	119.67	0.059194	3.45	3.33	6.18	1.50
SanDonato_1	728.57	Max WS	TR030_TP06H	9.35	118.26	118.98	119.14	119.53	0.061122	3.28	2.85	5.89	1.50
SanDonato_1	728.57	Max WS	TR030_TP08H	7.99	118.26	118.92	119.07	119.43	0.063608	3.16	2.53	5.69	1.51
SanDonato_1	725.99			Lat Struct									
SanDonato_1	725.98			Lat Struct									
SanDonato_1	725.00	Max WS	TR200_TP03H	20.86	117.48	118.65		118.88	0.016300	2.14	9.77	14.62	0.83
SanDonato_1	725.00	Max WS	TR200_TP01H	26.87	117.48	118.81		119.06	0.013866	2.21	12.17	15.17	0.79
SanDonato_1	725.00	Max WS	TR200_TP02H	23.87	117.48	118.73		118.97	0.014921	2.17	10.99	14.91	0.81
SanDonato_1	725.00	Max WS	TR200_TP0.5H	24.02	117.48	118.74		118.98	0.014882	2.18	11.04	14.92	0.81
SanDonato_1	725.00	Max WS	TR200_TP04H	18.55	117.48	118.58		118.81	0.017619	2.10	8.83	14.40	0.86
SanDonato_1	725.00	Max WS	TR200_TP06H	15.37	117.48	118.49		118.70	0.019720	2.05	7.48	13.81	0.89
SanDonato_1	725.00	Max WS	TR200_TP08H	12.04	117.48	118.43		118.59	0.016393	1.81	6.65	12.92	0.81
SanDonato_1	725.00	Max WS	TR030_TP0.5H	14.35	117.48	118.45		118.67	0.020342	2.05	7.01	13.32	0.90
SanDonato_1	725.00	Max WS	TR030_TP01H	16.24	117.48	118.52		118.73	0.019382	2.07	7.85	14.17	0.89
SanDonato_1	725.00	Max WS	TR030_TP02H	14.55	117.48	118.46		118.68	0.020215	2.05	7.10	13.42	0.90
SanDonato_1	725.00	Max WS	TR030_TP03H	12.08	117.48	118.43		118.60	0.016517	1.82	6.65	12.92	0.81
SanDonato_1	725.00	Max WS	TR030_TP04H	11.05	117.48	118.41		118.56	0.014714	1.70	6.49	12.74	0.76
SanDonato_1	725.00	Max WS	TR030_TP06H	9.17	117.48	118.33		118.47	0.016287	1.69	5.44	11.70	0.79
SanDonato_1	725.00	Max WS	TR030_TP08H	7.95	117.48	118.25		118.41	0.019222	1.73	4.60	10.80	0.85
SanDonato_1	721.43	Max WS	TR200_TP03H	19.69	117.01	118.28	118.36	118.90	0.031631	3.48	5.65	5.78	1.12
SanDonato_1	721.43	Max WS	TR200_TP01H	25.08	117.01	118.43	118.56	119.19	0.034152	3.85	6.51	5.90	1.17
SanDonato_1	721.43	Max WS	TR200_TP02H	22.40	117.01	118.36	118.46	119.05	0.033003	3.68	6.09	5.84	1.15
SanDonato_1	721.43	Max WS	TR200_TP0.5H	22.52	117.01	118.36	118.46	119.05	0.033078	3.69	6.11	5.84	1.15
SanDonato_1	721.43	Max WS	TR200_TP04H	17.59	117.01	118.22	118.28	118.78	0.030326	3.31	5.31	5.73	1.10
SanDonato_1	721.43	Max WS	TR200_TP06H	14.68	117.01	118.13	118.16	118.61	0.028148	3.05	4.81	5.66	1.06
SanDonato_1	721.43	Max WS	TR200_TP08H	12.78	117.01	118.08	118.08	118.49	0.026371	2.85	4.48	5.61	1.02
SanDonato_1	721.43	Max WS	TR030_TP0.5H	13.73	117.01	118.11	118.12	118.55	0.027223	2.95	4.65	5.63	1.04
SanDonato_1	721.43	Max WS	TR030_TP01H	15.47	117.01	118.16	118.20	118.66	0.028879	3.13	4.94	5.68	1.07
SanDonato_1	721.43	Max WS	TR030_TP02H	13.92	117.01	118.11	118.13	118.56	0.027416	2.97	4.68	5.64	1.04
SanDonato_1	721.43	Max WS	TR030_TP03H	12.53	117.01	118.07	118.07	118.47	0.026220	2.83	4.43	5.60	1.02
SanDonato_1	721.43	Max WS	TR030_TP04H	10.55	117.01	118.01	117.99	118.35	0.023117	2.57	4.11	5.55	0.95
SanDonato_1	721.43	Max WS	TR030_TP06H	8.84	117.01	117.95		118.23	0.020978	2.34	3.77	5.50	0.90
SanDonato_1	721.43	Max WS	TR030_TP08H	7.72	117.01	117.91		118.15	0.019208	2.18	3.55	5.47	0.86
SanDonato_1	717.86	Max WS	TR200_TP03H	21.40	116.42	117.71	117.90	118.43	0.049876	3.75	5.71	7.78	1.40
SanDonato_1	717.86	Max WS	TR200_TP01H	27.54	116.42	117.85	118.07	118.69	0.048593	4.05	6.81	7.98	1.40
SanDonato_1	717.86	Max WS	TR200_TP02H	24.51	116.42	117.79	117.99	118.56	0.049092	3.90	6.28	7.88	1.40
SanDonato_1	717.86	Max WS	TR200_TP0.5H	24.63	116.42	117.79	117.99	118.57	0.049080	3.91	6.30	7.89	1.40
SanDonato_1	717.86	Max WS	TR200_TP04H	19.04	116.42	117.66	117.83	118.32	0.050605	3.62	5.26	7.70	1.40
SanDonato_1	717.86	Max WS	TR200_TP06H	15.80	116.42	117.57	117.73	118.17	0.052585	3.44	4.60	7.58	1.41
SanDonato_1	717.86	Max WS	TR200_TP08H	13.68	116.42	117.51	117.65	118.07	0.054691	3.31	4.13	7.49	1.42
SanDonato_1	717.86	Max WS	TR030_TP0.5H	14.73	116.42	117.54	117.69	118.12	0.053313	3.37	4.37	7.54	1.41
SanDonato_1	717.86	Max WS	TR030_TP01H	16.68	116.42	117.59	117.76	118.21	0.051851	3.49	4.78	7.62	1.40
SanDonato_1	717.86	Max WS	TR030_TP02H	14.95	116.42	117.55	117.70	118.13	0.053181	3.38	4.42	7.55	1.41
SanDonato_1	717.86	Max WS	TR030_TP03H	13.15	116.42	117.49	117.63	118.04	0.056077	3.29	4.00	7.47	1.44
SanDonato_1	717.86	Max WS	TR030_TP04H	11.52	116.42	117.44	117.58	117.95	0.057004	3.16	3.65	7.40	1.44
SanDonato_1	717.86	Max WS	TR030_TP06H	9.45	116.42	117.38	117.50	117.83	0.060460	3.00	3.16	7.31	1.46
SanDonato_1	717.86	Max WS	TR030_TP08H	8.12	116.42	117.33	117.44	117.75	0.063085	2.87	2.82	7.25	1.47
SanDonato_1	714.29	Max WS	TR200_TP03H	21.25	115.84	117.08	117.16	117.56	0.032720	3.09	6.88	9.66	1.17
SanDonato_1	714.29	Max WS	TR200_TP01H	27.26	115.84	117.23	117.30	117.77	0.029869	3.27	8.34	9.86	1.14
SanDonato_1	714.29	Max WS	TR200_TP02H	24.29	115.84	117.16	117.23	117.67	0.030582	3.16	7.68	9.78	1.14
SanDonato_1	714.29	Max WS	TR200_TP0.5H	24.40	115.84	117.16	117.24	117.67	0.030559	3.17	7.70	9.78	1.14
SanDonato_1	714.29	Max WS	TR200_TP04H	18.94	115.84	117.02	117.09	117.48	0.033703	3.00	6.30	9.48	1.18
SanDonato_1	714.29	Max WS	TR200_TP06H	15.77	115.84	116.93	117.00	117.35	0.033325	2.88	5.47	8.68	1.16
SanDonato_1	714.29	Max WS	TR200_TP08H	13.69	115.84	116.85	116.93	117.26	0.034248	2.82	4.86	8.13	1.16
SanDonato_1	714.29	Max WS	TR030_TP0.5H	14.72	115.84	116.89	116.97	117.30	0.033253	2.84	5.19	8.42	1.15
SanDonato_1	714.29	Max WS	TR030_TP01H	16.63	115.84	116.95	117.03	117.39	0.033367	2.91	5.71	8.91	1.16
SanDonato_1	714.29	Max WS	TR030_TP02H	14.94	115.84	116.90	116.98	117.31	0.033268	2.85	5.25	8.47	1.15
SanDonato_1	714.29	Max WS	TR030_TP03H	13.05	115.84	116.83	116.90	117.23	0.034980	2.81	4.64	7.94	1.17
SanDonato_1	714.29	Max WS	TR030_TP04H	11.57	115.84	116.77	116.85	117.16	0.036099	2.76	4.19	7.52	1.18
SanDonato_1	714.29	Max WS	TR030_TP06H	9.52	115.84	116.68	116.75	117.05	0.037679	2.68	3.55	6.88	1.19
SanDonato_1	714.29	Max WS	TR030_TP08H	8.18	115.84	116.62	116.69	116.96	0.038732	2.62	3.13	6.43	1.20
SanDonato_1	710.72	Max WS	TR200_TP03H	21.56	115.26	116.66	116.64	117.02	0.022005	2.63	8.20	10.89	0.97
SanDonato_1	710.72	Max WS	TR200_TP01H	27.65	115.26	116.82	116.80	117.21	0.022173	2.75	10.07	12.51	0.98
SanDonato_1	710.72	Max WS	TR200_TP02H	24.63	115.26	116.75	116.73	117.12	0.022327	2.68	9.19	11.95	0.98
SanDonato_1	710.72	Max WS	TR200_TP0.5H	24.73	115.26	116.75	116.73	117.12	0.022515	2.68	9.22	12.05	0.98
SanDonato_1	710.72	Max WS	TR200_TP04H	19.21	115.26	116.60	116.58	116.93	0.022061	2.55	7.54	10.57	0.96
SanDonato_1	710.72	Max WS	TR200_TP06H	15.99	115.26	116.51	116.48	116.81	0.022412	2.43	6.58	10.07	0.96
SanDonato_1	710.72	Max WS	TR200_TP08H	13.86	115.26	116.43		116.72	0.021264	2.38	5.84	8.88	0.94
SanDonato_1	710.72	Max WS	TR030_TP0.5H	14.92	115.26	116.48	116.44	116.77	0.022495	2.39	6.25	9.90	0.96
SanDonato_1	710.72	Max WS	TR030_TP01H	16.87	115.26	116.53	116.51	116.84	0.022323	2.46	6.84	10.21	0.96
SanDonato_1	710.72	Max WS	TR030_TP02H	15.15	115.26	116.48	116.46	116.78	0.022439	2.39	6.33	9.94	0.96
SanDonato_1	710.72	Max WS	TR030_TP03H	13.21	115.26	116.40		116.69	0.021195	2.36	5.59	8.56	0.93
SanDonato_1	710.72	Max WS	TR030_TP04H	11.71	115.26	116.34		116.61	0.021278	2.31	5.07	8.02	0.93
SanDonato_1	710.72	Max WS	TR030_TP06H	9.62	115.26	116.24		116.49	0.020936	2.22	4.34	7.20	0.91
SanDonato_1	710.72	Max WS	TR030_TP08H	8.25	115.26	116.18		116.41	0.020782	2.14	3.86	6.73	0.90
SanDonato_1	707.14	Max WS	TR200_TP03H	19.37	114.76	116.46		116.78	0.016104	2.53	7.66	7.73	0.81
SanDonato_1	707.14	Max WS	TR200_TP01H	24.45	114.76	116.57		116.99	0.019417	2.87	8.51	8.12	0.90
SanDonato_1	707.14	Max WS	TR200_TP02H	21.89	114.76	116.52		116.89	0.017646	2.70	8.11	7.94	0.85
SanDonato_1	707.14	Max WS	TR200_TP0.5H	21.96	114.76	116.52		116.89	0.017698	2.70	8.12	7.94	0.85
SanDonato_1	707.14	Max WS	TR200_TP04H	17.44	114.76	116.40		116.70	0.015163	2.41	7.24	7.54	0.79
SanDonato_1	707.14	Max WS	TR200_TP06H	14.84	114.76	116.30		116.57	0.014853	2.30	6.46	7.16	0.77
SanDonato_1	707.14	Max WS	TR200_TP08H	13.09	114.76	116.23		116.47	0.014151	2.19	5.98	6.92	0.75
SanDonato_1	707.14	Max WS	TR030_TP0.5H	13.95	114.76	116.26		116.52	0.014509	2.24	6.22	7.04	0.76
SanDonato_1	707.14	Max WS											

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
SanDonato_1	707.14	Max WS	TR030_TP04H	11.27	114.76	116.15		116.37	0.013418	2.07	5.45	6.85	0.73
SanDonato_1	707.14	Max WS	TR030_TP06H	9.35	114.76	116.07		116.25	0.012195	1.90	4.92	6.36	0.69
SanDonato_1	707.14	Max WS	TR030_TP08H	8.07	114.76	116.01		116.17	0.011162	1.77	4.55	6.15	0.66
SanDonato_1	703.57	Max WS	TR200_TP03H	23.15	114.62	115.77	116.05	116.71	0.075868	4.28	5.41	8.78	1.74
SanDonato_1	703.57	Max WS	TR200_TP01H	29.60	114.62	115.91	116.20	116.92	0.068185	4.46	6.63	9.15	1.67
SanDonato_1	703.57	Max WS	TR200_TP02H	26.40	114.62	115.84	116.13	116.81	0.071621	4.35	6.07	9.15	1.71
SanDonato_1	703.57	Max WS	TR200_TP0.5H	26.47	114.62	115.85	116.13	116.81	0.071507	4.35	6.08	9.15	1.70
SanDonato_1	703.57	Max WS	TR200_TP04H	20.60	114.62	115.70	115.98	116.63	0.078915	4.26	4.83	8.15	1.77
SanDonato_1	703.57	Max WS	TR200_TP06H	16.90	114.62	115.59	115.89	116.49	0.077955	4.20	4.03	6.84	1.75
SanDonato_1	703.57	Max WS	TR200_TP08H	14.51	114.62	115.52	115.81	116.37	0.080487	4.08	3.56	6.46	1.76
SanDonato_1	703.57	Max WS	TR030_TP0.5H	15.68	114.62	115.56	115.85	116.43	0.078817	4.14	3.79	6.62	1.75
SanDonato_1	703.57	Max WS	TR030_TP01H	17.92	114.62	115.62	115.91	116.54	0.077829	4.24	4.23	7.09	1.75
SanDonato_1	703.57	Max WS	TR030_TP02H	15.96	114.62	115.57	115.86	116.45	0.078517	4.15	3.84	6.67	1.75
SanDonato_1	703.57	Max WS	TR030_TP03H	13.80	114.62	115.50	115.79	116.34	0.082139	4.05	3.41	6.35	1.77
SanDonato_1	703.57	Max WS	TR030_TP04H	12.14	114.62	115.45	115.72	116.25	0.081767	3.96	3.07	5.89	1.75
SanDonato_1	703.57	Max WS	TR030_TP06H	9.89	114.62	115.36	115.60	116.10	0.083526	3.80	2.60	5.40	1.75
SanDonato_1	703.57	Max WS	TR030_TP08H	8.46	114.62	115.31	115.53	115.99	0.084282	3.68	2.30	5.05	1.74
SanDonato_1	700	Max WS	TR200_TP03H	23.33	113.45	114.95	115.00	115.50	0.027219	3.28	7.12	7.48	1.07
SanDonato_1	700	Max WS	TR200_TP01H	30.16	113.45	115.14	115.20	115.77	0.026989	3.53	8.55	7.90	1.08
SanDonato_1	700	Max WS	TR200_TP02H	26.79	113.45	115.06	115.11	115.64	0.026539	3.38	7.92	7.72	1.07
SanDonato_1	700	Max WS	TR200_TP0.5H	26.89	113.45	115.06	115.11	115.64	0.026592	3.39	7.93	7.72	1.07
SanDonato_1	700	Max WS	TR200_TP04H	20.67	113.45	114.85	114.91	115.39	0.029032	3.23	6.40	7.25	1.10
SanDonato_1	700	Max WS	TR200_TP06H	17.00	113.45	114.73	114.78	115.22	0.030650	3.10	5.48	6.93	1.11
SanDonato_1	700	Max WS	TR200_TP08H	14.57	113.45	114.64	114.70	115.09	0.030641	2.95	4.93	6.74	1.10
SanDonato_1	700	Max WS	TR030_TP0.5H	15.76	113.45	114.68	114.74	115.15	0.030704	3.03	5.20	6.83	1.11
SanDonato_1	700	Max WS	TR030_TP01H	18.01	113.45	114.76	114.82	115.26	0.030556	3.15	5.71	7.01	1.12
SanDonato_1	700	Max WS	TR030_TP02H	16.04	113.45	114.69	114.75	115.17	0.030595	3.04	5.27	6.86	1.11
SanDonato_1	700	Max WS	TR030_TP03H	13.84	113.45	114.62	114.67	115.05	0.030734	2.91	4.76	6.67	1.10
SanDonato_1	700	Max WS	TR030_TP04H	12.17	113.45	114.56	114.60	114.96	0.030817	2.80	4.35	6.52	1.09
SanDonato_1	700	Max WS	TR030_TP06H	9.91	113.45	114.47	114.50	114.82	0.031296	2.63	3.77	6.30	1.09
SanDonato_1	700	Max WS	TR030_TP08H	8.43	113.45	114.40	114.43	114.72	0.031751	2.51	3.36	6.14	1.08
SanDonato_1	683.33	Max WS	TR200_TP03H	23.27	112.48	113.86	114.03	114.45	0.041973	3.41	6.83	9.86	1.31
SanDonato_1	683.33	Max WS	TR200_TP01H	29.48	112.48	114.00	114.15	114.62	0.044210	3.49	8.44	12.30	1.35
SanDonato_1	683.33	Max WS	TR200_TP02H	26.50	112.48	113.94	114.10	114.54	0.044525	3.44	7.70	11.57	1.35
SanDonato_1	683.33	Max WS	TR200_TP0.5H	26.55	112.48	113.94	114.10	114.54	0.044519	3.44	7.71	11.58	1.35
SanDonato_1	683.33	Max WS	TR200_TP04H	20.79	112.48	113.77	113.97	114.36	0.035697	3.40	6.12	7.72	1.22
SanDonato_1	683.33	Max WS	TR200_TP06H	17.20	112.48	113.66	113.81	114.20	0.034986	3.24	5.32	7.13	1.20
SanDonato_1	683.33	Max WS	TR200_TP08H	14.77	112.48	113.60	113.68	114.07	0.033905	3.06	4.83	6.92	1.17
SanDonato_1	683.33	Max WS	TR030_TP0.5H	16.04	112.48	113.63	113.73	114.14	0.035092	3.17	5.06	7.02	1.19
SanDonato_1	683.33	Max WS	TR030_TP01H	18.17	112.48	113.69	113.88	114.25	0.035157	3.30	5.51	7.22	1.20
SanDonato_1	683.33	Max WS	TR030_TP02H	16.25	112.48	113.64	113.74	114.15	0.034594	3.17	5.13	7.05	1.19
SanDonato_1	683.33	Max WS	TR030_TP03H	14.06	112.48	113.57	113.65	114.03	0.033764	3.01	4.68	6.85	1.16
SanDonato_1	683.33	Max WS	TR030_TP04H	12.35	112.48	113.52	113.58	113.94	0.033007	2.87	4.31	6.68	1.14
SanDonato_1	683.33	Max WS	TR030_TP06H	10.02	112.48	113.44	113.48	113.80	0.031155	2.64	3.80	6.43	1.10
SanDonato_1	683.33	Max WS	TR030_TP08H	8.48	112.48	113.38	113.41	113.70	0.030109	2.47	3.43	6.24	1.07
SanDonato_1	666.67	Max WS	TR200_TP03H	18.78	111.52	112.62	112.71	113.13	0.033411	3.14	5.99	8.00	1.16
SanDonato_1	666.67	Max WS	TR200_TP01H	22.54	111.52	112.72	112.83	113.29	0.034385	3.33	6.76	8.37	1.18
SanDonato_1	666.67	Max WS	TR200_TP02H	20.78	111.52	112.67	112.77	113.21	0.034117	3.26	6.37	8.13	1.18
SanDonato_1	666.67	Max WS	TR200_TP0.5H	20.81	111.52	112.67	112.77	113.21	0.034060	3.26	6.38	8.14	1.18
SanDonato_1	666.67	Max WS	TR200_TP04H	17.28	111.52	112.58	112.66	113.06	0.033527	3.06	5.65	7.92	1.16
SanDonato_1	666.67	Max WS	TR200_TP06H	15.06	111.52	112.52	112.58	112.95	0.033706	2.93	5.15	7.79	1.15
SanDonato_1	666.67	Max WS	TR200_TP08H	13.31	111.52	112.46	112.52	112.87	0.033670	2.81	4.74	7.68	1.14
SanDonato_1	666.67	Max WS	TR030_TP0.5H	14.25	111.52	112.49	112.55	112.92	0.034027	2.88	4.94	7.73	1.15
SanDonato_1	666.67	Max WS	TR030_TP01H	15.69	111.52	112.54	112.61	112.98	0.033528	2.96	5.30	7.83	1.15
SanDonato_1	666.67	Max WS	TR030_TP02H	14.42	111.52	112.50	112.56	112.92	0.033674	2.88	5.00	7.75	1.15
SanDonato_1	666.67	Max WS	TR030_TP03H	12.77	111.52	112.45	112.50	112.84	0.033592	2.77	4.62	7.65	1.14
SanDonato_1	666.67	Max WS	TR030_TP04H	11.44	111.52	112.41	112.45	112.77	0.033744	2.67	4.29	7.58	1.13
SanDonato_1	666.67	Max WS	TR030_TP06H	9.66	111.52	112.35	112.39	112.67	0.033630	2.51	3.85	7.49	1.12
SanDonato_1	666.67	Max WS	TR030_TP08H	8.37	111.52	112.30	112.33	112.59	0.033845	2.39	3.50	7.42	1.11
SanDonato_1	652.08	Max WS	TR200_TP03H	15.26	110.67	111.80		112.11	0.018129	2.47	6.19	7.30	0.86
SanDonato_1	652.08	Max WS	TR200_TP01H	17.99	110.67	111.87		112.24	0.020570	2.70	6.67	7.51	0.92
SanDonato_1	652.08	Max WS	TR200_TP02H	16.41	110.67	111.85		112.17	0.018148	2.52	6.51	7.42	0.86
SanDonato_1	652.08	Max WS	TR200_TP0.5H	16.65	110.67	111.85		112.18	0.018679	2.56	6.51	7.42	0.87
SanDonato_1	652.08	Max WS	TR200_TP04H	15.32	110.67	111.77		112.11	0.020633	2.58	5.94	7.25	0.91
SanDonato_1	652.08	Max WS	TR200_TP06H	12.80	110.67	111.70		111.98	0.018380	2.34	5.47	7.14	0.85
SanDonato_1	652.08	Max WS	TR200_TP08H	11.57	110.67	111.64		111.91	0.018871	2.29	5.06	7.05	0.86
SanDonato_1	652.08	Max WS	TR030_TP0.5H	12.04	110.67	111.66		111.94	0.019310	2.33	5.16	7.07	0.87
SanDonato_1	652.08	Max WS	TR030_TP01H	13.22	110.67	111.72		112.00	0.018393	2.37	5.58	7.17	0.86
SanDonato_1	652.08	Max WS	TR030_TP02H	12.35	110.67	111.68		111.95	0.018593	2.32	5.31	7.10	0.86
SanDonato_1	652.08	Max WS	TR030_TP03H	11.21	110.67	111.63		111.89	0.019062	2.27	4.94	7.02	0.86
SanDonato_1	652.08	Max WS	TR030_TP04H	10.23	110.67	111.58		111.83	0.019401	2.22	4.62	6.94	0.87
SanDonato_1	652.08	Max WS	TR030_TP06H	9.12	110.67	111.52		111.76	0.020917	2.19	4.17	6.84	0.89
SanDonato_1	652.08	Max WS	TR030_TP08H	8.03	110.67	111.46		111.69	0.021161	2.10	3.82	6.75	0.89
SanDonato_1	650	Max WS	TR200_TP03H	15.95	110.55	111.79	111.45	111.98	0.008621	1.90	8.38	7.56	0.58
SanDonato_1	650	Max WS	TR200_TP01H	17.65	110.55	111.87	111.51	112.07	0.008632	1.97	8.96	7.56	0.58
SanDonato_1	650	Max WS	TR200_TP02H	16.96	110.55	111.84	111.49	112.03	0.008649	1.95	8.71	7.56	0.58
SanDonato_1	650	Max WS	TR200_TP0.5H	17.06	110.55	111.85	111.49	112.04	0.008583	1.94	8.77	7.56	0.58
SanDonato_1	650	Max WS	TR200_TP04H	15.10	110.55	111.75	111.43	111.93	0.008666	1.87	8.06	7.56	0.58
SanDonato_1	650	Max WS	TR200_TP06H	13.57	110.55	111.68	111.37	111.84	0.008754	1.81	7.49	7.56	0.58
SanDonato_1	650	Max WS	TR200_TP08H	12.33	110.55	111.62	111.33	111.77	0.008761	1.75	7.03	7.56	0.58
SanDonato_1	650	Max WS	TR030_TP0.5H	12.85	110.55	111.64	111.35	111.80	0.008728	1.78	7.24	7.56	0.58
SanDonato_1	650	Max WS	TR030_TP01H	13.98	110.55	111.70	111.39	111.87	0.008708	1.83	7.65	7.56	0.58
SanDonato_1	650	Max WS	TR030_TP02H	13.12	110.55	111.65	111.36	111.82	0.008747	1.79	7.33	7	

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
SanDonato_1	625			Ini Struct									
SanDonato_1	600	Max WS	TR200_TP03H	15.83	109.61	110.82		111.11	0.018294	2.37	6.68	8.22	0.84
SanDonato_1	600	Max WS	TR200_TP01H	17.65	109.61	110.89		111.19	0.017543	2.43	7.26	8.23	0.83
SanDonato_1	600	Max WS	TR200_TP02H	16.91	109.61	110.86		111.16	0.017859	2.41	7.03	8.23	0.83
SanDonato_1	600	Max WS	TR200_TP0.5H	17.04	109.61	110.86		111.16	0.018024	2.42	7.04	8.23	0.84
SanDonato_1	600	Max WS	TR200_TP04H	14.84	109.61	110.78		111.06	0.018640	2.33	6.37	8.22	0.85
SanDonato_1	600	Max WS	TR200_TP06H	13.52	109.61	110.72		110.99	0.020510	2.32	5.82	8.21	0.88
SanDonato_1	600	Max WS	TR200_TP08H	12.25	109.61	110.66		110.93	0.021800	2.29	5.36	8.20	0.90
SanDonato_1	600	Max WS	TR030_TP0.5H	12.85	109.61	110.69		110.96	0.021221	2.31	5.57	8.21	0.89
SanDonato_1	600	Max WS	TR030_TP01H	13.80	109.61	110.73		111.01	0.019922	2.32	5.95	8.21	0.87
SanDonato_1	600	Max WS	TR030_TP02H	13.12	109.61	110.69		110.97	0.021293	2.33	5.64	8.21	0.90
SanDonato_1	600	Max WS	TR030_TP03H	11.78	109.61	110.64		110.90	0.021990	2.26	5.21	8.20	0.91
SanDonato_1	600	Max WS	TR030_TP04H	10.84	109.61	110.60		110.85	0.023434	2.24	4.85	8.20	0.93
SanDonato_1	600	Max WS	TR030_TP06H	9.58	109.61	110.53	110.52	110.78	0.026308	2.22	4.32	8.19	0.97
SanDonato_1	600	Max WS	TR030_TP08H	8.43	109.61	110.48	110.48	110.72	0.028721	2.17	3.88	8.17	1.01
SanDonato_1	599.99			Lat Struct									
SanDonato_1	599.98			Lat Struct									
SanDonato_1	596.30	Max WS	TR200_TP03H	16.42	109.48	110.70	110.78	111.20	0.032177	3.13	5.24	6.50	1.11
SanDonato_1	596.30	Max WS	TR200_TP01H	18.37	109.48	110.77	110.85	111.30	0.032585	3.22	5.71	6.83	1.12
SanDonato_1	596.30	Max WS	TR200_TP02H	17.63	109.48	110.74	110.82	111.26	0.032740	3.20	5.51	6.69	1.13
SanDonato_1	596.30	Max WS	TR200_TP0.5H	17.64	109.48	110.74	110.82	111.27	0.032687	3.20	5.52	6.70	1.12
SanDonato_1	596.30	Max WS	TR200_TP04H	15.42	109.48	110.67	110.73	111.15	0.031871	3.08	5.01	6.32	1.11
SanDonato_1	596.30	Max WS	TR200_TP06H	13.68	109.48	110.60	110.65	111.05	0.031245	2.98	4.60	6.04	1.09
SanDonato_1	596.30	Max WS	TR200_TP08H	12.32	109.48	110.54	110.58	110.97	0.030791	2.89	4.27	5.83	1.08
SanDonato_1	596.30	Max WS	TR030_TP0.5H	12.93	109.48	110.57	110.61	111.01	0.030985	2.93	4.42	5.93	1.08
SanDonato_1	596.30	Max WS	TR030_TP01H	14.10	109.48	110.62	110.67	111.08	0.031447	3.01	4.69	6.10	1.09
SanDonato_1	596.30	Max WS	TR030_TP02H	13.13	109.48	110.58	110.62	111.02	0.030963	2.94	4.47	5.96	1.08
SanDonato_1	596.30	Max WS	TR030_TP03H	11.89	109.48	110.53	110.56	110.94	0.030557	2.85	4.17	5.76	1.07
SanDonato_1	596.30	Max WS	TR030_TP04H	10.84	109.48	110.48	110.51	110.87	0.030039	2.77	3.91	5.61	1.06
SanDonato_1	596.30	Max WS	TR030_TP06H	9.45	109.48	110.42	110.44	110.78	0.029842	2.66	3.55	5.40	1.05
SanDonato_1	596.30	Max WS	TR030_TP08H	8.38	109.48	110.36	110.38	110.70	0.029772	2.58	3.25	5.22	1.04
SanDonato_1	566.67	Max WS	TR200_TP03H	16.60	108.49	109.73	109.79	110.18	0.031707	2.98	5.57	7.66	1.12
SanDonato_1	566.67	Max WS	TR200_TP01H	18.65	108.49	109.79	109.85	110.27	0.031490	3.08	6.05	7.83	1.12
SanDonato_1	566.67	Max WS	TR200_TP02H	17.76	108.49	109.76	109.83	110.23	0.031843	3.05	5.82	7.75	1.12
SanDonato_1	566.67	Max WS	TR200_TP0.5H	17.68	108.49	109.76	109.82	110.23	0.031362	3.03	5.84	7.76	1.11
SanDonato_1	566.67	Max WS	TR200_TP04H	15.49	108.49	109.70	109.75	110.13	0.031279	2.90	5.33	7.57	1.11
SanDonato_1	566.67	Max WS	TR200_TP06H	13.71	108.49	109.64	109.68	110.04	0.031100	2.79	4.92	7.42	1.09
SanDonato_1	566.67	Max WS	TR200_TP08H	12.37	108.49	109.60	109.63	109.97	0.031029	2.70	4.59	7.30	1.09
SanDonato_1	566.67	Max WS	TR030_TP0.5H	12.89	108.49	109.62	109.65	109.99	0.030702	2.72	4.73	7.35	1.08
SanDonato_1	566.67	Max WS	TR030_TP01H	14.22	108.49	109.66	109.70	110.06	0.031189	2.82	5.04	7.47	1.10
SanDonato_1	566.67	Max WS	TR030_TP02H	13.25	108.49	109.62	109.67	110.01	0.031191	2.76	4.80	7.38	1.09
SanDonato_1	566.67	Max WS	TR030_TP03H	11.94	108.49	109.58	109.62	109.94	0.031265	2.67	4.47	7.25	1.09
SanDonato_1	566.67	Max WS	TR030_TP04H	10.89	108.49	109.54	109.57	109.89	0.031849	2.61	4.17	7.14	1.09
SanDonato_1	566.67	Max WS	TR030_TP06H	9.38	108.49	109.47	109.51	109.80	0.032062	2.53	3.71	6.72	1.09
SanDonato_1	566.67	Max WS	TR030_TP08H	8.30	108.49	109.42	109.45	109.73	0.032130	2.48	3.35	6.29	1.08
SanDonato_1	533.33	Max WS	TR200_TP03H	16.24	107.38	108.72	108.73	109.19	0.027493	3.04	5.35	6.12	1.04
SanDonato_1	533.33	Max WS	TR200_TP01H	18.07	107.38	108.81	108.81	109.28	0.025716	3.05	5.92	6.30	1.01
SanDonato_1	533.33	Max WS	TR200_TP02H	17.33	107.38	108.77	108.78	109.24	0.026482	3.05	5.68	6.22	1.02
SanDonato_1	533.33	Max WS	TR200_TP0.5H	17.27	107.38	108.77	108.78	109.24	0.026276	3.04	5.68	6.22	1.02
SanDonato_1	533.33	Max WS	TR200_TP04H	15.20	107.38	108.66	108.70	109.13	0.028989	3.03	5.01	6.01	1.06
SanDonato_1	533.33	Max WS	TR200_TP06H	13.58	107.38	108.58	108.63	109.04	0.030811	3.00	4.53	5.86	1.09
SanDonato_1	533.33	Max WS	TR200_TP08H	12.22	107.38	108.52	108.56	108.95	0.031717	2.93	4.17	5.74	1.10
SanDonato_1	533.33	Max WS	TR030_TP0.5H	12.82	107.38	108.54	108.59	108.99	0.031331	2.96	4.33	5.79	1.09
SanDonato_1	533.33	Max WS	TR030_TP01H	14.05	107.38	108.60	108.65	109.06	0.030408	3.01	4.66	5.90	1.08
SanDonato_1	533.33	Max WS	TR030_TP02H	13.04	107.38	108.55	108.60	109.00	0.031213	2.97	4.38	5.81	1.09
SanDonato_1	533.33	Max WS	TR030_TP03H	11.82	107.38	108.50	108.54	108.93	0.032021	2.91	4.06	5.71	1.10
SanDonato_1	533.33	Max WS	TR030_TP04H	10.74	107.38	108.45	108.49	108.86	0.032500	2.85	3.77	5.57	1.11
SanDonato_1	533.33	Max WS	TR030_TP06H	9.31	107.38	108.37	108.42	108.76	0.031436	2.76	3.38	5.08	1.08
SanDonato_1	533.33	Max WS	TR030_TP08H	8.27	107.38	108.31	108.34	108.68	0.031566	2.68	3.09	4.90	1.08
SanDonato_1	500	Max WS	TR200_TP03H	16.49	106.26	107.57	107.73	108.14	0.038734	3.35	4.92	6.22	1.20
SanDonato_1	500	Max WS	TR200_TP01H	18.64	106.26	107.65	107.80	108.25	0.041405	3.43	5.43	7.05	1.25
SanDonato_1	500	Max WS	TR200_TP02H	17.75	106.26	107.62	107.77	108.20	0.040457	3.40	5.22	6.72	1.23
SanDonato_1	500	Max WS	TR200_TP0.5H	17.74	106.26	107.62	107.77	108.20	0.040363	3.40	5.22	6.72	1.23
SanDonato_1	500	Max WS	TR200_TP04H	15.38	106.26	107.52	107.67	108.08	0.037329	3.33	4.62	5.67	1.18
SanDonato_1	500	Max WS	TR200_TP06H	13.62	106.26	107.44	107.56	107.97	0.034189	3.23	4.21	4.97	1.12
SanDonato_1	500	Max WS	TR200_TP08H	12.20	106.26	107.38	107.44	107.88	0.033684	3.11	3.92	4.88	1.11
SanDonato_1	500	Max WS	TR030_TP0.5H	12.84	106.26	107.41	107.50	107.92	0.033984	3.17	4.05	4.92	1.12
SanDonato_1	500	Max WS	TR030_TP01H	14.10	106.26	107.46	107.59	108.01	0.034532	3.27	4.32	5.05	1.13
SanDonato_1	500	Max WS	TR030_TP02H	13.07	106.26	107.42	107.52	107.94	0.034059	3.19	4.10	4.93	1.12
SanDonato_1	500	Max WS	TR030_TP03H	11.77	106.26	107.36	107.42	107.84	0.033749	3.08	3.82	4.85	1.11
SanDonato_1	500	Max WS	TR030_TP04H	10.71	106.26	107.31	107.36	107.77	0.033600	2.99	3.58	4.78	1.10
SanDonato_1	500	Max WS	TR030_TP06H	9.28	106.26	107.24	107.28	107.66	0.033939	2.87	3.23	4.67	1.10
SanDonato_1	500	Max WS	TR030_TP08H	8.20	106.26	107.19	107.22	107.57	0.033225	2.74	2.99	4.60	1.09
SanDonato_1	450.00	Max WS	TR200_TP03H	14.94	105.19	106.60	106.56	106.95	0.022521	2.64	5.65	7.05	0.94
SanDonato_1	450.00	Max WS	TR200_TP01H	16.02	105.19	106.63	106.60	107.01	0.023150	2.73	5.87	7.09	0.96
SanDonato_1	450.00	Max WS	TR200_TP02H	15.58	105.19	106.62	106.59	106.99	0.022941	2.70	5.78	7.08	0.95
SanDonato_1	450.00	Max WS	TR200_TP0.5H	15.58	105.19	106.62	106.59	106.99	0.022942	2.70	5.78	7.08	0.95
SanDonato_1	450.00	Max WS	TR200_TP04H	14.28	105.19	106.58		106.92	0.022171	2.59	5.51	7.02	0.93
SanDonato_1	450.00	Max WS	TR200_TP06H	13.09	105.19	106.54		106.86	0.021831	2.51	5.22	6.96	0.92
SanDonato_1	450.00	Max WS	TR200_TP08H	12.02	105.19	106.49		106.80	0.021727	2.44	4.92	6.78	0.92
SanDonato_1	450.00	Max WS	TR030_TP0.5H	12.58	105.19	106.51		106.83	0.021959	2.48	5.06	6.87	0.92
SanDonato_1	450.00	Max WS	TR030_TP01H	13.42	105.19	106.55		106.88	0.021828	2.53	5.31	6.98	0.92
SanDonato_1	450.00	Max WS	TR030_TP02H	12.71	105.19	106.52		106.84	0.021936	2.49	5.10	6.89	0.92
SanDonato_1	450.00	Max WS	TR030_TP03H	11.67	105.19	106.47		106.78	0.022353	2.45	4.77	6.70	0.93</

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
SanDonato_1	450.00	Max WS	TR030_TP08H	8.25	105.19	106.29		106.55	0.023901	2.27	3.63	6.00	0.93
SanDonato_1	400	Max WS	TR200_TP03H	14.06	104.11	105.80	105.79	106.28	0.028203	3.06	4.60	4.57	0.97
SanDonato_1	400	Max WS	TR200_TP01H	14.69	104.11	105.84	105.91	106.32	0.031623	3.07	4.78	5.31	1.04
SanDonato_1	400	Max WS	TR200_TP02H	14.48	104.11	105.82	105.88	106.31	0.029182	3.08	4.70	4.77	0.99
SanDonato_1	400	Max WS	TR200_TP05H	14.47	104.11	105.82	105.87	106.31	0.029134	3.08	4.70	4.77	0.99
SanDonato_1	400	Max WS	TR200_TP04H	13.68	104.11	105.77	105.76	106.25	0.028707	3.06	4.47	4.49	0.98
SanDonato_1	400	Max WS	TR200_TP06H	12.84	104.11	105.71	105.69	106.19	0.029499	3.05	4.21	4.33	0.99
SanDonato_1	400	Max WS	TR200_TP08H	12.23	104.11	105.66	105.66	106.14	0.030606	3.06	4.00	4.20	1.00
SanDonato_1	400	Max WS	TR030_TP05H	12.43	104.11	105.69	105.67	106.16	0.029848	3.04	4.09	4.25	0.99
SanDonato_1	400	Max WS	TR030_TP01H	13.10	104.11	105.73	105.72	106.21	0.029346	3.05	4.29	4.38	0.99
SanDonato_1	400	Max WS	TR030_TP02H	12.56	104.11	105.69	105.68	106.17	0.029807	3.04	4.13	4.28	0.99
SanDonato_1	400	Max WS	TR030_TP03H	11.84	104.11	105.64	105.64	106.11	0.030772	3.04	3.89	4.12	1.00
SanDonato_1	400	Max WS	TR030_TP04H	10.86	104.11	105.57	105.57	106.03	0.031267	3.00	3.62	3.93	1.00
SanDonato_1	400	Max WS	TR030_TP06H	9.26	104.11	105.46	105.45	105.89	0.031045	2.89	3.20	3.63	0.98
SanDonato_1	400	Max WS	TR030_TP08H	8.24	104.11	105.38	105.36	105.79	0.030851	2.82	2.92	3.41	0.97
SanDonato_1	350.00	Max WS	TR200_TP03H	13.96	103.18	104.74	104.82	105.24	0.036097	3.14	4.44	5.47	1.11
SanDonato_1	350.00	Max WS	TR200_TP01H	14.48	103.18	104.76	104.84	105.27	0.036946	3.17	4.57	5.67	1.13
SanDonato_1	350.00	Max WS	TR200_TP02H	14.30	103.18	104.75	104.84	105.26	0.036805	3.17	4.51	5.58	1.13
SanDonato_1	350.00	Max WS	TR200_TP05H	14.29	103.18	104.75	104.84	105.26	0.036785	3.17	4.51	5.58	1.12
SanDonato_1	350.00	Max WS	TR200_TP04H	13.57	103.18	104.72	104.80	105.22	0.035777	3.14	4.32	5.27	1.11
SanDonato_1	350.00	Max WS	TR200_TP06H	12.79	103.18	104.67	104.76	105.17	0.034635	3.13	4.08	4.87	1.09
SanDonato_1	350.00	Max WS	TR200_TP08H	12.08	103.18	104.62	104.71	105.12	0.033562	3.13	3.86	4.48	1.08
SanDonato_1	350.00	Max WS	TR030_TP05H	12.41	103.18	104.65	104.74	105.14	0.033950	3.13	3.96	4.65	1.08
SanDonato_1	350.00	Max WS	TR030_TP01H	13.03	103.18	104.68	104.78	105.19	0.035027	3.14	4.15	4.99	1.10
SanDonato_1	350.00	Max WS	TR030_TP02H	12.52	103.18	104.65	104.74	105.15	0.034197	3.13	4.00	4.71	1.09
SanDonato_1	350.00	Max WS	TR030_TP03H	11.70	103.18	104.60	104.67	105.09	0.033409	3.11	3.76	4.37	1.07
SanDonato_1	350.00	Max WS	TR030_TP04H	10.71	103.18	104.54	104.58	105.02	0.032696	3.06	3.50	4.08	1.05
SanDonato_1	350.00	Max WS	TR030_TP06H	9.21	103.18	104.44	104.46	104.89	0.031854	2.94	3.13	3.77	1.03
SanDonato_1	350.00	Max WS	TR030_TP08H	8.19	103.18	104.37	104.39	104.79	0.031522	2.85	2.87	3.60	1.02
SanDonato_1	300	Max WS	TR200_TP03H	13.06	102.26	103.73	103.69	104.12	0.023567	2.76	4.73	5.43	0.95
SanDonato_1	300	Max WS	TR200_TP01H	13.56	102.26	103.74	103.72	104.15	0.024868	2.84	4.77	5.45	0.97
SanDonato_1	300	Max WS	TR200_TP02H	13.41	102.26	103.73	103.71	104.14	0.024867	2.84	4.73	5.43	0.97
SanDonato_1	300	Max WS	TR200_TP05H	13.42	102.26	103.73	103.71	104.14	0.024871	2.84	4.73	5.43	0.97
SanDonato_1	300	Max WS	TR200_TP04H	12.78	102.26	103.71	103.68	104.10	0.024333	2.78	4.60	5.35	0.96
SanDonato_1	300	Max WS	TR200_TP06H	12.21	102.26	103.67	103.64	104.06	0.024771	2.77	4.41	5.24	0.96
SanDonato_1	300	Max WS	TR200_TP08H	11.68	102.26	103.64	103.61	104.03	0.025281	2.76	4.23	5.13	0.97
SanDonato_1	300	Max WS	TR030_TP05H	11.95	102.26	103.65	103.63	104.04	0.025092	2.77	4.31	5.18	0.97
SanDonato_1	300	Max WS	TR030_TP01H	12.41	102.26	103.68	103.65	104.08	0.024843	2.78	4.46	5.27	0.97
SanDonato_1	300	Max WS	TR030_TP02H	12.01	102.26	103.66	103.64	104.05	0.024924	2.77	4.34	5.20	0.97
SanDonato_1	300	Max WS	TR030_TP03H	11.36	102.26	103.62	103.59	104.00	0.025257	2.74	4.14	5.07	0.97
SanDonato_1	300	Max WS	TR030_TP04H	10.54	102.26	103.57	103.55	103.94	0.025622	2.71	3.89	4.91	0.97
SanDonato_1	300	Max WS	TR030_TP06H	9.15	102.26	103.48	103.46	103.84	0.025999	2.63	3.48	4.66	0.97
SanDonato_1	300	Max WS	TR030_TP08H	8.16	102.26	103.42	103.40	103.75	0.026474	2.57	3.17	4.47	0.97
SanDonato_1	200.67	Max WS	TR200_TP03H	12.74	101.56	103.12		103.48	0.020734	2.65	4.81	5.24	0.88
SanDonato_1	200.67	Max WS	TR200_TP01H	13.00	101.56	103.10		103.49	0.023181	2.78	4.67	5.14	0.93
SanDonato_1	200.67	Max WS	TR200_TP02H	13.04	101.56	103.10		103.50	0.023081	2.78	4.69	5.15	0.93
SanDonato_1	200.67	Max WS	TR200_TP05H	13.42	101.56	103.08	103.07	103.52	0.025815	2.93	4.59	5.08	0.98
SanDonato_1	200.67	Max WS	TR200_TP04H	12.84	101.56	103.08	103.03	103.48	0.023752	2.81	4.58	5.07	0.94
SanDonato_1	200.67	Max WS	TR200_TP06H	12.24	101.56	103.03	102.99	103.44	0.025019	2.84	4.31	4.86	0.96
SanDonato_1	200.67	Max WS	TR200_TP08H	11.65	101.56	102.98	102.96	103.39	0.025693	2.84	4.10	4.70	0.97
SanDonato_1	200.67	Max WS	TR030_TP05H	11.95	101.56	103.00	102.97	103.41	0.025703	2.86	4.18	4.77	0.97
SanDonato_1	200.67	Max WS	TR030_TP01H	12.44	101.56	103.04	103.00	103.45	0.025070	2.85	4.36	4.90	0.97
SanDonato_1	200.67	Max WS	TR030_TP02H	12.04	101.56	103.01	102.98	103.42	0.025646	2.86	4.21	4.79	0.97
SanDonato_1	200.67	Max WS	TR030_TP03H	11.36	101.56	102.96	102.94	103.37	0.025723	2.83	4.01	4.64	0.97
SanDonato_1	200.67	Max WS	TR030_TP04H	10.51	101.56	102.91	102.88	103.31	0.025865	2.79	3.77	4.45	0.97
SanDonato_1	200.67	Max WS	TR030_TP06H	9.15	101.56	102.81	102.79	103.19	0.025944	2.72	3.36	4.14	0.96
SanDonato_1	200.67	Max WS	TR030_TP08H	8.15	101.56	102.74	102.72	103.10	0.026195	2.65	3.07	3.96	0.96
SanDonato_1	167.56	Max WS	TR200_TP03H	12.58	101.33	102.96		103.26	0.017060	2.40	5.25	5.88	0.81
SanDonato_1	167.56	Max WS	TR200_TP01H	12.86	101.33	102.93		103.26	0.019792	2.55	5.04	5.76	0.87
SanDonato_1	167.56	Max WS	TR200_TP02H	12.64	101.33	102.94		103.25	0.018529	2.48	5.11	5.80	0.84
SanDonato_1	167.56	Max WS	TR200_TP05H	13.11	101.33	102.89		103.27	0.023132	2.72	4.82	5.64	0.94
SanDonato_1	167.56	Max WS	TR200_TP04H	12.70	101.33	102.90		103.24	0.020885	2.60	4.89	5.68	0.89
SanDonato_1	167.56	Max WS	TR200_TP06H	11.99	101.33	102.82		103.19	0.023421	2.69	4.45	5.31	0.94
SanDonato_1	167.56	Max WS	TR200_TP08H	11.59	101.33	102.78	102.74	103.16	0.024843	2.75	4.22	5.09	0.96
SanDonato_1	167.56	Max WS	TR030_TP05H	11.93	101.33	102.79	102.77	103.19	0.025243	2.78	4.30	5.16	0.97
SanDonato_1	167.56	Max WS	TR030_TP01H	12.36	101.33	102.84	102.80	103.22	0.023711	2.72	4.54	5.39	0.95
SanDonato_1	167.56	Max WS	TR030_TP02H	11.95	101.33	102.80	102.77	103.19	0.024546	2.75	4.35	5.21	0.96
SanDonato_1	167.56	Max WS	TR030_TP03H	11.30	101.33	102.76	102.73	103.14	0.024822	2.74	4.13	5.00	0.96
SanDonato_1	167.56	Max WS	TR030_TP04H	10.51	101.33	102.70	102.67	103.08	0.025334	2.73	3.85	4.72	0.97
SanDonato_1	167.56	Max WS	TR030_TP06H	9.15	101.33	102.60	102.57	102.97	0.026194	2.70	3.39	4.31	0.97
SanDonato_1	167.56	Max WS	TR030_TP08H	8.15	101.33	102.52	102.50	102.88	0.026759	2.66	3.06	4.03	0.97
SanDonato_1	134.44	Max WS	TR200_TP03H	10.84	101.09	102.92		103.05	0.006364	1.59	6.83	6.66	0.50
SanDonato_1	134.44	Max WS	TR200_TP01H	11.22	101.09	102.88		103.03	0.007676	1.71	6.56	6.63	0.55
SanDonato_1	134.44	Max WS	TR200_TP02H	11.58	101.09	102.89		103.05	0.007993	1.75	6.61	6.63	0.56
SanDonato_1	134.44	Max WS	TR200_TP05H	12.37	101.09	102.86		103.05	0.009975	1.93	6.42	6.61	0.62
SanDonato_1	134.44	Max WS	TR200_TP04H	12.17	101.09	102.77		103.00	0.012645	2.08	5.86	6.52	0.70
SanDonato_1	134.44	Max WS	TR200_TP06H	11.90	101.09	102.68		102.94	0.016080	2.27	5.25	6.19	0.79
SanDonato_1	134.44	Max WS	TR200_TP08H	11.41	101.09	102.64		102.91	0.016680	2.27	5.02	6.06	0.80
SanDonato_1	134.44	Max WS	TR030_TP05H	11.71	101.09	102.65		102.92	0.017112	2.31	5.06	6.08	0.81
SanDonato_1	134.44	Max WS	TR030_TP01H	12.08	101.09	102.72		102.96	0.014763	2.20	5.49	6.32	0.75
SanDonato_1	134.44	Max WS	TR030_TP02H	11.75	101.09	102.67		102.93	0.016272	2.27	5.18	6.14	0.79
SanDonato_1	134.44	Max WS	TR030_TP03H	11.12	101.09	102.62		102.88	0.016854	2.27	4.90	6.00	0.80
SanDonato_1	134.44	Max WS	TR030_TP04H	10.46	101.09	102.56		102.83	0.018289	2.30	4.54	5.82	0.83
SanDonato_1	134.44	Max WS	TR030_TP06H										

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
SanDonato_1	101.33	Max WS	TR200_TP02H	10.12	100.86	102.87		102.97	0.005171	1.43	7.05	6.72	0.45
SanDonato_1	101.33	Max WS	TR200_TP0.5H	10.24	100.86	102.88		102.98	0.005171	1.44	7.12	6.74	0.45
SanDonato_1	101.33	Max WS	TR200_TP04H	11.85	100.86	102.72		102.91	0.009875	1.94	6.10	5.98	0.61
SanDonato_1	101.33	Max WS	TR200_TP06H	11.88	100.86	102.54		102.82	0.015563	2.33	5.09	5.37	0.76
SanDonato_1	101.33	Max WS	TR200_TP08H	11.45	100.86	102.42		102.76	0.019028	2.56	4.48	4.71	0.84
SanDonato_1	101.33	Max WS	TR030_TP0.5H	11.53	100.86	102.50		102.79	0.016276	2.38	4.85	5.11	0.78
SanDonato_1	101.33	Max WS	TR030_TP01H	11.86	100.86	102.61		102.85	0.013008	2.17	5.47	5.84	0.70
SanDonato_1	101.33	Max WS	TR030_TP02H	11.64	100.86	102.52		102.80	0.015735	2.34	4.97	5.24	0.77
SanDonato_1	101.33	Max WS	TR030_TP03H	11.19	100.86	102.40		102.73	0.019163	2.56	4.37	4.58	0.84
SanDonato_1	101.33	Max WS	TR030_TP04H	10.44	100.86	102.31		102.66	0.021215	2.64	3.96	4.27	0.87
SanDonato_1	101.33	Max WS	TR030_TP06H	9.14	100.86	102.22		102.55	0.021032	2.55	3.59	4.07	0.87
SanDonato_1	101.33	Max WS	TR030_TP08H	8.14	100.86	102.13		102.45	0.021967	2.52	3.23	3.86	0.88
SanDonato_1	94.22	Max WS	TR200_TP03H	10.14	100.63	102.73		102.82	0.004221	1.36	7.44	6.45	0.41
SanDonato_1	94.22	Max WS	TR200_TP01H	9.99	100.63	102.76		102.84	0.003805	1.31	7.63	6.47	0.38
SanDonato_1	94.22	Max WS	TR200_TP02H	9.96	100.63	102.77		102.86	0.003654	1.29	7.72	6.48	0.38
SanDonato_1	94.22	Max WS	TR200_TP0.5H	10.55	100.63	102.71		102.82	0.004773	1.44	7.33	6.44	0.43
SanDonato_1	94.22	Max WS	TR200_TP04H	17.33	100.63	102.32	102.39	102.92	0.031405	3.42	5.07	4.98	1.08
SanDonato_1	94.22	Max WS	TR200_TP06H	14.83	100.63	102.22	102.25	102.76	0.029606	3.24	4.58	4.65	1.04
SanDonato_1	94.22	Max WS	TR200_TP08H	13.12	100.63	102.14	102.15	102.63	0.028738	3.12	4.21	4.40	1.02
SanDonato_1	94.22	Max WS	TR030_TP0.5H	13.94	100.63	102.19	102.20	102.69	0.028328	3.14	4.44	4.55	1.02
SanDonato_1	94.22	Max WS	TR030_TP01H	15.67	100.63	102.26	102.30	102.81	0.030020	3.29	4.77	4.79	1.05
SanDonato_1	94.22	Max WS	TR030_TP02H	14.47	100.63	102.20	102.23	102.73	0.029631	3.22	4.49	4.58	1.04
SanDonato_1	94.22	Max WS	TR030_TP03H	12.64	100.63	102.12	102.12	102.60	0.028370	3.08	4.11	4.34	1.01
SanDonato_1	94.22	Max WS	TR030_TP04H	11.03	100.63	102.04	102.02	102.47	0.027096	2.93	3.77	4.15	0.98
SanDonato_1	94.22	Max WS	TR030_TP06H	9.58	100.63	101.94	101.92	102.35	0.026947	2.83	3.39	3.93	0.97
SanDonato_1	94.22	Max WS	TR030_TP08H	8.41	100.63	101.86	101.83	102.24	0.026802	2.73	3.08	3.76	0.96
SanDonato_1	87.11	Max WS	TR200_TP03H	11.57	100.39	102.49		102.61	0.005727	1.52	7.61	7.15	0.47
SanDonato_1	87.11	Max WS	TR200_TP01H	13.52	100.39	102.59		102.72	0.006573	1.61	8.38	7.99	0.50
SanDonato_1	87.11	Max WS	TR200_TP02H	13.31	100.39	102.53		102.68	0.007553	1.68	7.93	7.99	0.54
SanDonato_1	87.11	Max WS	TR200_TP0.5H	13.51	100.39	102.53		102.68	0.007840	1.71	7.91	7.99	0.55
SanDonato_1	87.11	Max WS	TR200_TP04H	15.51	100.39	102.09	102.06	102.57	0.026304	3.08	5.04	5.06	0.98
SanDonato_1	87.11	Max WS	TR200_TP06H	14.24	100.39	101.98	101.98	102.49	0.028787	3.16	4.51	4.60	1.02
SanDonato_1	87.11	Max WS	TR200_TP08H	12.55	100.39	101.90	101.89	102.36	0.027314	3.01	4.17	4.40	0.99
SanDonato_1	87.11	Max WS	TR030_TP0.5H	13.62	100.39	101.95	101.95	102.44	0.028055	3.10	4.40	4.54	1.01
SanDonato_1	87.11	Max WS	TR030_TP01H	14.81	100.39	102.02	102.01	102.53	0.028221	3.16	4.68	4.70	1.01
SanDonato_1	87.11	Max WS	TR030_TP02H	13.74	100.39	101.96	101.96	102.45	0.027985	3.10	4.43	4.56	1.00
SanDonato_1	87.11	Max WS	TR030_TP03H	12.31	100.39	101.88	101.87	102.35	0.027828	3.02	4.08	4.35	1.00
SanDonato_1	87.11	Max WS	TR030_TP04H	10.99	100.39	101.81	101.79	102.24	0.027300	2.92	3.76	4.15	0.98
SanDonato_1	87.11	Max WS	TR030_TP06H	9.58	100.39	101.71	101.69	102.12	0.027639	2.84	3.37	3.94	0.98
SanDonato_1	87.11	Max WS	TR030_TP08H	8.42	100.39	101.63	101.61	102.02	0.027303	2.74	3.07	3.77	0.97
SanDonato_1	85.688	Max WS	TR200_TP03H	11.17	100.35	102.39		102.51	0.005993	1.55	7.21	6.73	0.48
SanDonato_1	85.688	Max WS	TR200_TP01H	14.79	100.35	102.50		102.68	0.007738	1.85	7.99	6.73	0.54
SanDonato_1	85.688	Max WS	TR200_TP02H	12.16	100.35	102.43		102.56	0.006350	1.62	7.49	6.73	0.49
SanDonato_1	85.688	Max WS	TR200_TP0.5H	14.72	100.35	102.44		102.63	0.009077	1.95	7.55	6.73	0.59
SanDonato_1	85.688	Max WS	TR200_TP04H	15.34	100.35	102.04	102.00	102.52	0.025473	3.04	5.05	5.01	0.97
SanDonato_1	85.688	Max WS	TR200_TP06H	14.16	100.35	101.93	101.93	102.43	0.028732	3.15	4.49	4.60	1.02
SanDonato_1	85.688	Max WS	TR200_TP08H	12.52	100.35	101.86	101.84	102.32	0.027292	3.00	4.17	4.41	0.99
SanDonato_1	85.688	Max WS	TR030_TP0.5H	13.61	100.35	101.91	101.90	102.40	0.028134	3.10	4.39	4.54	1.01
SanDonato_1	85.688	Max WS	TR030_TP01H	14.64	100.35	101.97	101.96	102.47	0.027751	3.13	4.67	4.71	1.00
SanDonato_1	85.688	Max WS	TR030_TP02H	13.68	100.35	101.91	101.91	102.40	0.027921	3.09	4.43	4.56	1.00
SanDonato_1	85.688	Max WS	TR030_TP03H	12.27	100.35	101.84	101.83	102.30	0.027795	3.01	4.08	4.35	0.99
SanDonato_1	85.688	Max WS	TR030_TP04H	10.97	100.35	101.76	101.74	102.20	0.027278	2.92	3.76	4.16	0.98
SanDonato_1	85.688	Max WS	TR030_TP06H	9.58	100.35	101.66	101.66	102.08	0.027796	2.84	3.37	3.94	0.98
SanDonato_1	85.688	Max WS	TR030_TP08H	8.42	100.35	101.59	101.56	101.97	0.027319	2.74	3.07	3.77	0.97
SanDonato_1	84.266*	Max WS	TR200_TP03H	11.59	100.30	102.38		102.50	0.005930	1.58	7.33	6.63	0.48
SanDonato_1	84.266*	Max WS	TR200_TP01H	15.72	100.30	102.42		102.64	0.009805	2.06	7.62	6.72	0.62
SanDonato_1	84.266*	Max WS	TR200_TP02H	10.94	100.30	102.37		102.49	0.005301	1.49	7.32	6.62	0.45
SanDonato_1	84.266*	Max WS	TR200_TP0.5H	11.15	100.30	102.38		102.50	0.005414	1.51	7.37	6.64	0.46
SanDonato_1	84.266*	Max WS	TR200_TP04H	15.14	100.30	102.00	101.95	102.46	0.024608	2.99	5.06	4.99	0.95
SanDonato_1	84.266*	Max WS	TR200_TP06H	14.11	100.30	101.88	101.89	102.39	0.028762	3.15	4.48	4.60	1.02
SanDonato_1	84.266*	Max WS	TR200_TP08H	12.48	100.30	101.81	101.79	102.27	0.027242	3.00	4.16	4.41	0.99
SanDonato_1	84.266*	Max WS	TR030_TP0.5H	13.59	100.30	101.86	101.86	102.35	0.028243	3.10	4.39	4.55	1.01
SanDonato_1	84.266*	Max WS	TR030_TP01H	14.61	100.30	101.92	101.91	102.42	0.027778	3.13	4.67	4.71	1.00
SanDonato_1	84.266*	Max WS	TR030_TP02H	13.51	100.30	101.87	101.86	102.34	0.027403	3.06	4.42	4.56	0.99
SanDonato_1	84.266*	Max WS	TR030_TP03H	12.23	100.30	101.79	101.78	102.25	0.027786	3.01	4.07	4.36	0.99
SanDonato_1	84.266*	Max WS	TR030_TP04H	10.94	100.30	101.71	101.70	102.15	0.027297	2.91	3.76	4.17	0.98
SanDonato_1	84.266*	Max WS	TR030_TP06H	9.58	100.30	101.62	101.61	102.03	0.028094	2.85	3.36	3.94	0.99
SanDonato_1	84.266*	Max WS	TR030_TP08H	8.38	100.30	101.54	101.52	101.92	0.027260	2.73	3.07	3.77	0.97
SanDonato_1	82.844*	Max WS	TR200_TP03H	12.60	100.25	102.32		102.46	0.007631	1.68	7.48	7.53	0.54
SanDonato_1	82.844*	Max WS	TR200_TP01H	16.47	100.25	102.38		102.60	0.011065	2.07	7.95	7.72	0.65
SanDonato_1	82.844*	Max WS	TR200_TP02H	11.44	100.25	102.36		102.47	0.005580	1.46	7.82	7.67	0.46
SanDonato_1	82.844*	Max WS	TR200_TP0.5H	11.08	100.25	102.37		102.47	0.005158	1.41	7.86	7.68	0.44
SanDonato_1	82.844*	Max WS	TR200_TP04H	15.11	100.25	101.96		102.41	0.024075	2.98	5.07	4.92	0.94
SanDonato_1	82.844*	Max WS	TR200_TP06H	14.10	100.25	101.83	101.84	102.34	0.028925	3.15	4.48	4.60	1.02
SanDonato_1	82.844*	Max WS	TR200_TP08H	12.42	100.25	101.76	101.74	102.22	0.027092	2.98	4.17	4.42	0.98
SanDonato_1	82.844*	Max WS	TR030_TP0.5H	13.58	100.25	101.81	101.81	102.30	0.028327	3.10	4.39	4.55	1.01
SanDonato_1	82.844*	Max WS	TR030_TP01H	14.41	100.25	101.87	101.86	102.36	0.027096	3.09	4.67	4.71	0.99
SanDonato_1	82.844*	Max WS	TR030_TP02H	13.43	100.25	101.82	101.80	102.29	0.027204	3.04	4.42	4.57	0.99
SanDonato_1	82.844*	Max WS	TR030_TP03H	11.86	100.25	101.74	101.71	102.17	0.026272	2.92	4.07	4.36	0.96
SanDonato_1	82.844*	Max WS	TR030_TP04H	10.80	100.25	101.67	101.64	102.09	0.026691	2.87	3.76	4.18	0.97
SanDonato_1	82.844*	Max WS	TR030_TP06H	9.58	100.25	101.57	101.56	101.99	0.028399	2.86	3.35	3.95	0.99
SanDonato_1	82.844*	Max WS	TR030_TP08H	8.35	100.25	101.50	101.47	101.87	0.027151	2.72	3.07	3.78	0.96
SanDonato_1	81.422	Max WS	TR200_TP03H	15.09	100.21	102.08		102.39	0.017781	2.47	6.12	6.57	0.82
SanDonato_1	81.422	Max WS	TR200_TP01H	17.43	100.21</								

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
SanDonato_1	81.422	Max WS	TR200_TP08H	12.15	100.21	101.72	101.68	102.15	0.025879	2.91	4.17	4.43	0.96
SanDonato_1	81.422	Max WS	TR030_TP0.5H	13.49	100.21	101.77	101.77	102.25	0.028110	3.08	4.38	4.55	1.00
SanDonato_1	81.422	Max WS	TR030_TP01H	13.94	100.21	101.83	101.79	102.28	0.025174	2.97	4.69	4.73	0.95
SanDonato_1	81.422	Max WS	TR030_TP02H	13.16	100.21	101.77	101.74	102.23	0.026127	2.98	4.42	4.58	0.97
SanDonato_1	81.422	Max WS	TR030_TP03H	11.77	100.21	101.70	101.66	102.12	0.025824	2.89	4.08	4.38	0.96
SanDonato_1	81.422	Max WS	TR030_TP04H	10.69	100.21	101.62	101.59	102.04	0.026148	2.84	3.77	4.20	0.96
SanDonato_1	81.422	Max WS	TR030_TP06H	9.58	100.21	101.52	101.52	101.94	0.028725	2.87	3.34	3.95	1.00
SanDonato_1	81.422	Max WS	TR030_TP08H	8.14	100.21	101.45		101.81	0.025842	2.65	3.07	3.79	0.94
SanDonato_1	80	Max WS	TR200_TP03H	18.83	100.16	102.03	102.05	102.52	0.028601	3.11	6.05	6.56	1.03
SanDonato_1	80	Max WS	TR200_TP01H	17.87	100.16	102.12		102.49	0.019665	2.68	6.66	6.74	0.86
SanDonato_1	80	Max WS	TR200_TP02H	15.65	100.16	102.07		102.38	0.017236	2.46	6.35	6.64	0.80
SanDonato_1	80	Max WS	TR200_TP0.5H	17.16	100.16	102.05		102.44	0.022505	2.78	6.17	6.59	0.92
SanDonato_1	80	Max WS	TR200_TP04H	14.21	100.16	101.88		102.27	0.021862	2.76	5.15	5.30	0.89
SanDonato_1	80	Max WS	TR200_TP06H	13.77	100.16	101.74	101.73	102.22	0.027872	3.08	4.47	4.61	1.00
SanDonato_1	80	Max WS	TR200_TP08H	11.96	100.16	101.68		102.09	0.024865	2.85	4.19	4.45	0.94
SanDonato_1	80	Max WS	TR030_TP0.5H	13.48	100.16	101.72	101.72	102.20	0.028209	3.08	4.38	4.56	1.00
SanDonato_1	80	Max WS	TR030_TP01H	13.82	100.16	101.79		102.23	0.024494	2.93	4.71	4.74	0.94
SanDonato_1	80	Max WS	TR030_TP02H	13.05	100.16	101.73	101.69	102.17	0.025563	2.94	4.44	4.59	0.96
SanDonato_1	80	Max WS	TR030_TP03H	11.63	100.16	101.65	101.60	102.07	0.025038	2.84	4.09	4.39	0.94
SanDonato_1	80	Max WS	TR030_TP04H	10.52	100.16	101.58		101.98	0.025249	2.78	3.78	4.22	0.94
SanDonato_1	80	Max WS	TR030_TP06H	9.58	100.16	101.47	101.47	101.89	0.029088	2.88	3.33	3.96	1.00
SanDonato_1	80	Max WS	TR030_TP08H	7.93	100.16	101.41		101.75	0.024350	2.57	3.09	3.81	0.91
SanDonato_2	60	Max WS	TR200_TP03H	24.64	99.80	101.51	101.65	102.25	0.035327	3.80	6.48	6.27	1.19
SanDonato_2	60	Max WS	TR200_TP01H	26.75	99.80	101.64	101.71	102.33	0.030150	3.69	7.26	6.42	1.11
SanDonato_2	60	Max WS	TR200_TP02H	26.14	99.80	101.58	101.69	102.31	0.033131	3.78	6.91	6.35	1.16
SanDonato_2	60	Max WS	TR200_TP0.5H	25.46	99.80	101.59	101.67	102.27	0.030911	3.66	6.95	6.36	1.12
SanDonato_2	60	Max WS	TR200_TP04H	22.89	99.80	101.46	101.59	102.17	0.035972	3.74	6.12	6.20	1.20
SanDonato_2	60	Max WS	TR200_TP06H	19.51	99.80	101.36	101.47	101.99	0.034993	3.53	5.52	6.07	1.18
SanDonato_2	60	Max WS	TR200_TP08H	17.92	99.80	101.30	101.41	101.91	0.035749	3.47	5.17	5.98	1.19
SanDonato_2	60	Max WS	TR030_TP0.5H	19.13	99.80	101.35	101.46	101.97	0.034733	3.50	5.46	6.05	1.18
SanDonato_2	60	Max WS	TR030_TP01H	20.85	99.80	101.40	101.52	102.06	0.034714	3.59	5.80	6.13	1.18
SanDonato_2	60	Max WS	TR030_TP02H	19.66	99.80	101.35	101.48	102.01	0.036004	3.58	5.50	6.06	1.20
SanDonato_2	60	Max WS	TR030_TP03H	17.59	99.80	101.29	101.40	101.90	0.035964	3.46	5.09	5.96	1.19
SanDonato_2	60	Max WS	TR030_TP04H	15.79	99.80	101.22	101.32	101.80	0.036335	3.36	4.71	5.87	1.20
SanDonato_2	60	Max WS	TR030_TP06H	12.67	99.80	101.11	101.20	101.61	0.036678	3.14	4.03	5.71	1.19
SanDonato_2	60	Max WS	TR030_TP08H	11.41	99.80	101.04	101.14	101.54	0.039604	3.14	3.64	5.53	1.23
SanDonato_2	59.99			Lat Struct									
SanDonato_2	59.98			Lat Struct									
SanDonato_2	59.778*	Max WS	TR200_TP03H	24.98	99.74	101.45	101.59	102.19	0.036118	3.83	6.53	6.42	1.21
SanDonato_2	59.778*	Max WS	TR200_TP01H	27.90	99.74	101.58	101.68	102.31	0.031920	3.79	7.37	6.57	1.14
SanDonato_2	59.778*	Max WS	TR200_TP02H	26.18	99.74	101.52	101.63	102.23	0.032863	3.75	6.97	6.50	1.16
SanDonato_2	59.778*	Max WS	TR200_TP0.5H	26.41	99.74	101.53	101.63	102.24	0.032442	3.75	7.05	6.51	1.15
SanDonato_2	59.778*	Max WS	TR200_TP04H	23.00	99.74	101.39	101.53	102.10	0.036366	3.74	6.15	6.34	1.21
SanDonato_2	59.778*	Max WS	TR200_TP06H	19.71	99.74	101.29	101.41	101.93	0.035572	3.54	5.56	6.20	1.19
SanDonato_2	59.778*	Max WS	TR200_TP08H	17.94	99.74	101.23	101.35	101.84	0.035983	3.46	5.19	6.12	1.20
SanDonato_2	59.778*	Max WS	TR030_TP0.5H	19.35	99.74	101.28	101.40	101.91	0.035353	3.52	5.50	6.19	1.19
SanDonato_2	59.778*	Max WS	TR030_TP01H	21.14	99.74	101.34	101.46	102.01	0.035503	3.62	5.85	6.27	1.20
SanDonato_2	59.778*	Max WS	TR030_TP02H	19.69	99.74	101.29	101.41	101.94	0.036248	3.57	5.52	6.19	1.21
SanDonato_2	59.778*	Max WS	TR030_TP03H	17.58	99.74	101.22	101.33	101.82	0.036096	3.44	5.11	6.10	1.20
SanDonato_2	59.778*	Max WS	TR030_TP04H	15.70	99.74	101.15	101.26	101.72	0.036354	3.33	4.72	6.00	1.20
SanDonato_2	59.778*	Max WS	TR030_TP06H	12.67	99.74	101.04	101.14	101.54	0.037527	3.14	4.03	5.83	1.21
SanDonato_2	59.778*	Max WS	TR030_TP08H	11.28	99.74	100.97	101.07	101.46	0.037986	3.12	3.62	5.37	1.21
SanDonato_2	59.556*	Max WS	TR200_TP03H	25.31	99.69	101.38	101.53	102.14	0.037185	3.86	6.56	6.56	1.23
SanDonato_2	59.556*	Max WS	TR200_TP01H	28.99	99.69	101.51	101.64	102.28	0.033995	3.89	7.44	6.73	1.18
SanDonato_2	59.556*	Max WS	TR200_TP02H	27.00	99.69	101.45	101.58	102.20	0.034712	3.84	7.03	6.65	1.19
SanDonato_2	59.556*	Max WS	TR200_TP0.5H	27.31	99.69	101.46	101.59	102.21	0.034250	3.84	7.12	6.67	1.19
SanDonato_2	59.556*	Max WS	TR200_TP04H	23.15	99.69	101.32	101.47	102.04	0.037154	3.75	6.17	6.47	1.23
SanDonato_2	59.556*	Max WS	TR200_TP06H	19.84	99.69	101.23	101.35	101.87	0.036195	3.55	5.59	6.34	1.21
SanDonato_2	59.556*	Max WS	TR200_TP08H	17.98	99.69	101.17	101.28	101.78	0.036555	3.46	5.20	6.24	1.21
SanDonato_2	59.556*	Max WS	TR030_TP0.5H	19.54	99.69	101.22	101.34	101.86	0.036230	3.53	5.53	6.32	1.21
SanDonato_2	59.556*	Max WS	TR030_TP01H	21.41	99.69	101.27	101.41	101.95	0.036532	3.64	5.87	6.40	1.22
SanDonato_2	59.556*	Max WS	TR030_TP02H	19.65	99.69	101.22	101.34	101.86	0.036425	3.55	5.54	6.32	1.21
SanDonato_2	59.556*	Max WS	TR030_TP03H	17.60	99.69	101.15	101.26	101.76	0.036611	3.43	5.12	6.22	1.21
SanDonato_2	59.556*	Max WS	TR030_TP04H	15.61	99.69	101.09	101.19	101.65	0.036563	3.31	4.72	6.13	1.20
SanDonato_2	59.556*	Max WS	TR030_TP06H	12.67	99.69	100.97	101.07	101.48	0.038785	3.16	4.01	5.95	1.23
SanDonato_2	59.556*	Max WS	TR030_TP08H	11.13	99.69	100.90	101.01	101.38	0.036960	3.09	3.60	5.30	1.20
SanDonato_2	59.333*	Max WS	TR200_TP03H	25.59	99.64	101.31	101.48	102.08	0.038582	3.90	6.57	6.69	1.26
SanDonato_2	59.333*	Max WS	TR200_TP01H	29.96	99.64	101.44	101.60	102.26	0.036270	4.00	7.49	6.88	1.22
SanDonato_2	59.333*	Max WS	TR200_TP02H	27.72	99.64	101.38	101.54	102.17	0.036803	3.93	7.06	6.79	1.23
SanDonato_2	59.333*	Max WS	TR200_TP0.5H	28.10	99.64	101.40	101.55	102.18	0.036290	3.92	7.16	6.81	1.22
SanDonato_2	59.333*	Max WS	TR200_TP04H	23.27	99.64	101.25	101.40	101.97	0.038170	3.77	6.17	6.60	1.25
SanDonato_2	59.333*	Max WS	TR200_TP06H	20.03	99.64	101.16	101.29	101.81	0.037439	3.58	5.60	6.46	1.23
SanDonato_2	59.333*	Max WS	TR200_TP08H	17.98	99.64	101.10	101.22	101.71	0.037264	3.46	5.20	6.37	1.22
SanDonato_2	59.333*	Max WS	TR030_TP0.5H	19.72	99.64	101.15	101.28	101.80	0.037450	3.56	5.54	6.45	1.23
SanDonato_2	59.333*	Max WS	TR030_TP01H	21.62	99.64	101.20	101.35	101.89	0.037856	3.68	5.88	6.53	1.24
SanDonato_2	59.333*	Max WS	TR030_TP02H	19.82	99.64	101.15	101.28	101.80	0.037675	3.57	5.54	6.45	1.23
SanDonato_2	59.333*	Max WS	TR030_TP03H	17.57	99.64	101.09	101.20	101.69	0.037213	3.43	5.12	6.35	1.22
SanDonato_2	59.333*	Max WS	TR030_TP04H	15.66	99.64	101.02	101.13	101.58	0.037788	3.32	4.71	6.25	1.22
SanDonato_2	59.333*	Max WS	TR030_TP06H	12.67	99.64	100.90	101.01	101.42	0.036715	3.17	4.00	5.63	1.20
SanDonato_2	59.333*	Max WS	TR030_TP08H	11.07	99.64	100.83	100.94	101.31	0.036103	3.07	3.60	5.25	1.18
SanDonato_2	59.111*	Max WS	TR200_TP03H	25.81	99.58	101.23	101.42	102.03	0.040380	3.94	6.55	6.82	1.29
SanDonato_2	59.111*	Max WS	TR200_TP01H	30.77	99.58	101.37	101.56	102.23	0.038886	4.11	7.50	7.02	1.27
SanDonato_2	59.111*	Max WS	TR200_TP02H	28.32	99.58	101.31	101.49	102.13	0.039261	4.02	7.05	6.93	1.27
SanDonato_2	59.111*	Max WS	TR200_TP0.5H	28.79	99.58	101.32	101.50	102.15	0.038741	4.02	7.16	6.95	1.26
SanDonato_2	59.1												

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
SanDonato_2	59.111*	Max WS	TR200_TP08H	18.07	99.58	101.03	101.16	101.65	0.038857	3.49	5.18	6.49	1.25
SanDonato_2	59.111*	Max WS	TR030_TP0.5H	19.85	99.58	101.08	101.22	101.74	0.039149	3.60	5.51	6.57	1.25
SanDonato_2	59.111*	Max WS	TR030_TP01H	21.79	99.58	101.13	101.29	101.84	0.039572	3.72	5.86	6.66	1.27
SanDonato_2	59.111*	Max WS	TR030_TP02H	19.93	99.58	101.08	101.22	101.75	0.039339	3.61	5.52	6.57	1.26
SanDonato_2	59.111*	Max WS	TR030_TP03H	17.65	99.58	101.02	101.14	101.63	0.038850	3.46	5.10	6.47	1.24
SanDonato_2	59.111*	Max WS	TR030_TP04H	15.68	99.58	100.95	101.07	101.52	0.039638	3.36	4.67	6.37	1.25
SanDonato_2	59.111*	Max WS	TR030_TP06H	12.66	99.58	100.84	100.95	101.35	0.035855	3.18	3.99	5.48	1.19
SanDonato_2	59.111*	Max WS	TR030_TP08H	11.05	99.58	100.77	100.86	101.24	0.035656	3.06	3.61	5.24	1.18
SanDonato_2	58.889	Max WS	TR200_TP03H	25.80	99.53	101.16	101.35	101.96	0.041896	3.97	6.50	6.94	1.31
SanDonato_2	58.889	Max WS	TR200_TP01H	31.15	99.53	101.30	101.50	102.18	0.040845	4.17	7.48	7.15	1.30
SanDonato_2	58.889	Max WS	TR200_TP02H	28.55	99.53	101.23	101.43	102.07	0.041177	4.07	7.02	7.05	1.30
SanDonato_2	58.889	Max WS	TR200_TP0.5H	29.07	99.53	101.25	101.45	102.09	0.040587	4.07	7.14	7.08	1.29
SanDonato_2	58.889	Max WS	TR200_TP04H	23.46	99.53	101.10	101.28	101.85	0.041480	3.84	6.11	6.84	1.30
SanDonato_2	58.889	Max WS	TR200_TP06H	20.18	99.53	101.02	101.17	101.69	0.040875	3.65	5.53	6.70	1.28
SanDonato_2	58.889	Max WS	TR200_TP08H	18.04	99.53	100.95	101.09	101.59	0.040669	3.52	5.13	6.60	1.27
SanDonato_2	58.889	Max WS	TR030_TP0.5H	19.85	99.53	101.01	101.15	101.68	0.040885	3.63	5.47	6.68	1.28
SanDonato_2	58.889	Max WS	TR030_TP01H	21.79	99.53	101.06	101.22	101.77	0.041328	3.75	5.81	6.77	1.29
SanDonato_2	58.889	Max WS	TR030_TP02H	19.90	99.53	101.01	101.16	101.68	0.041068	3.64	5.47	6.69	1.28
SanDonato_2	58.889	Max WS	TR030_TP03H	17.62	99.53	100.94	101.08	101.56	0.040636	3.49	5.05	6.58	1.27
SanDonato_2	58.889	Max WS	TR030_TP04H	15.65	99.53	100.88	101.01	101.46	0.041475	3.38	4.63	6.48	1.28
SanDonato_2	58.889	Max WS	TR030_TP06H	12.66	99.53	100.77	100.89	101.28	0.035384	3.17	4.00	5.46	1.18
SanDonato_2	58.889	Max WS	TR030_TP08H	11.04	99.53	100.70	100.78	101.17	0.035384	3.05	3.62	5.27	1.17
SanDonato_2	57.778*	Max WS	TR200_TP03H	25.34	99.26	100.78	100.88	101.41	0.031670	3.53	7.19	7.61	1.16
SanDonato_2	57.778*	Max WS	TR200_TP01H	31.44	99.26	100.92	101.05	101.65	0.032530	3.79	8.28	7.89	1.18
SanDonato_2	57.778*	Max WS	TR200_TP02H	28.48	99.26	100.85	100.97	101.54	0.031976	3.66	7.77	7.76	1.17
SanDonato_2	57.778*	Max WS	TR200_TP0.5H	29.24	99.26	100.87	100.99	101.56	0.031668	3.68	7.95	7.80	1.16
SanDonato_2	57.778*	Max WS	TR200_TP04H	23.14	99.26	100.72	100.81	101.32	0.031011	3.40	6.80	7.52	1.14
SanDonato_2	57.778*	Max WS	TR200_TP06H	19.64	99.26	100.65	100.70	101.16	0.028875	3.16	6.23	7.39	1.10
SanDonato_2	57.778*	Max WS	TR200_TP08H	17.40	99.26	100.59	100.63	101.05	0.027559	2.99	5.82	7.29	1.07
SanDonato_2	57.778*	Max WS	TR030_TP0.5H	19.32	99.26	100.64	100.69	101.14	0.028825	3.14	6.16	7.37	1.10
SanDonato_2	57.778*	Max WS	TR030_TP01H	21.31	99.26	100.68	100.76	101.23	0.030182	3.29	6.48	7.45	1.12
SanDonato_2	57.778*	Max WS	TR030_TP02H	19.19	99.26	100.64	100.68	101.13	0.028595	3.12	6.15	7.37	1.09
SanDonato_2	57.778*	Max WS	TR030_TP03H	17.03	99.26	100.58	100.61	101.03	0.027425	2.96	5.75	7.28	1.06
SanDonato_2	57.778*	Max WS	TR030_TP04H	15.25	99.26	100.53	100.56	100.94	0.026430	2.82	5.40	7.20	1.04
SanDonato_2	57.778*	Max WS	TR030_TP06H	12.58	99.26	100.44	100.46	100.80	0.026404	2.65	4.75	7.04	1.03
SanDonato_2	57.778*	Max WS	TR030_TP08H	10.94	99.26	100.38	100.39	100.71	0.027229	2.56	4.28	6.93	1.04
SanDonato_2	56.667	Max WS	TR200_TP03H	23.55	98.99	100.48	100.45	100.92	0.021407	2.95	7.99	8.33	0.96
SanDonato_2	56.667	Max WS	TR200_TP01H	28.80	98.99	100.60	100.59	101.12	0.022456	3.18	9.05	8.60	0.99
SanDonato_2	56.667	Max WS	TR200_TP02H	26.22	98.99	100.55	100.52	101.02	0.021706	3.06	8.57	8.47	0.97
SanDonato_2	56.667	Max WS	TR200_TP0.5H	27.11	98.99	100.57	100.55	101.06	0.021676	3.09	8.78	8.53	0.97
SanDonato_2	56.667	Max WS	TR200_TP04H	21.58	98.99	100.44	100.84	0.020479	2.82	7.64	8.26	0.94	
SanDonato_2	56.667	Max WS	TR200_TP06H	18.30	98.99	100.38	100.71	0.017398	2.53	7.22	8.16	0.86	
SanDonato_2	56.667	Max WS	TR200_TP08H	16.17	98.99	100.35	100.62	0.015464	2.34	6.91	8.09	0.81	
SanDonato_2	56.667	Max WS	TR030_TP0.5H	18.01	98.99	100.38	100.70	0.017317	2.52	7.15	8.15	0.86	
SanDonato_2	56.667	Max WS	TR030_TP01H	19.85	98.99	100.40	100.77	0.019217	2.69	7.38	8.20	0.91	
SanDonato_2	56.667	Max WS	TR030_TP02H	17.83	98.99	100.38	100.69	0.016924	2.49	7.16	8.15	0.85	
SanDonato_2	56.667	Max WS	TR030_TP03H	15.76	98.99	100.34	100.61	0.015095	2.30	6.85	8.08	0.80	
SanDonato_2	56.667	Max WS	TR030_TP04H	14.31	98.99	100.30	100.54	0.014141	2.18	6.55	8.01	0.77	
SanDonato_2	56.667	Max WS	TR030_TP06H	12.00	98.99	100.22	100.43	0.013698	2.04	5.88	7.86	0.75	
SanDonato_2	56.667	Max WS	TR030_TP08H	10.68	98.99	100.15	100.35	0.014477	2.00	5.34	7.75	0.77	
SanDonato_2	55.556*	Max WS	TR200_TP03H	21.96	98.70	100.28	100.27	100.76	0.023195	3.05	7.19	7.38	0.99
SanDonato_2	55.556*	Max WS	TR200_TP01H	25.51	98.70	100.41	100.38	100.91	0.022326	3.15	8.10	7.62	0.97
SanDonato_2	55.556*	Max WS	TR200_TP02H	24.14	98.70	100.35	100.34	100.85	0.023037	3.13	7.70	7.51	0.99
SanDonato_2	55.556*	Max WS	TR200_TP0.5H	24.43	98.70	100.38	100.35	100.87	0.022165	3.10	7.88	7.56	0.97
SanDonato_2	55.556*	Max WS	TR200_TP04H	20.30	98.70	100.24	100.22	100.68	0.022891	2.97	6.84	7.30	0.98
SanDonato_2	55.556*	Max WS	TR200_TP06H	17.54	98.70	100.16	100.12	100.56	0.021535	2.78	6.31	7.18	0.95
SanDonato_2	55.556*	Max WS	TR200_TP08H	15.78	98.70	100.13	100.47	0.019665	2.61	6.06	7.11	0.90	
SanDonato_2	55.556*	Max WS	TR030_TP0.5H	17.28	98.70	100.16	100.11	100.54	0.021442	2.76	6.26	7.16	0.94
SanDonato_2	55.556*	Max WS	TR030_TP01H	18.92	98.70	100.19	100.17	100.62	0.022610	2.89	6.54	7.23	0.97
SanDonato_2	55.556*	Max WS	TR030_TP02H	17.20	98.70	100.16	100.54	0.021228	2.75	6.26	7.16	0.94	
SanDonato_2	55.556*	Max WS	TR030_TP03H	15.44	98.70	100.12	100.46	0.019448	2.58	5.99	7.10	0.90	
SanDonato_2	55.556*	Max WS	TR030_TP04H	14.10	98.70	100.08	100.39	0.018430	2.46	5.73	7.03	0.87	
SanDonato_2	55.556*	Max WS	TR030_TP06H	12.05	98.70	100.03	100.28	0.016548	2.26	5.34	6.94	0.82	
SanDonato_2	55.556*	Max WS	TR030_TP08H	10.69	98.70	99.98	100.21	0.015652	2.13	5.02	6.87	0.80	
SanDonato_2	54.444*	Max WS	TR200_TP03H	19.25	98.42	100.11	100.56	0.021800	2.95	6.52	6.48	0.94	
SanDonato_2	54.444*	Max WS	TR200_TP01H	22.92	98.42	100.21	100.19	100.74	0.023924	3.21	7.15	6.64	0.99
SanDonato_2	54.444*	Max WS	TR200_TP02H	20.93	98.42	100.17	100.13	100.64	0.021993	3.03	6.90	6.58	0.95
SanDonato_2	54.444*	Max WS	TR200_TP0.5H	21.30	98.42	100.18	100.14	100.66	0.022326	3.06	6.95	6.59	0.95
SanDonato_2	54.444*	Max WS	TR200_TP04H	18.32	98.42	100.07	100.04	100.51	0.022343	2.94	6.24	6.41	0.95
SanDonato_2	54.444*	Max WS	TR200_TP06H	16.29	98.42	99.99	99.96	100.40	0.022558	2.84	5.73	6.28	0.95
SanDonato_2	54.444*	Max WS	TR200_TP08H	14.75	98.42	99.94	100.32	0.021737	2.73	5.41	6.19	0.93	
SanDonato_2	54.444*	Max WS	TR030_TP0.5H	15.85	98.42	99.99	100.38	0.021223	2.76	5.74	6.28	0.92	
SanDonato_2	54.444*	Max WS	TR030_TP01H	17.25	98.42	100.03	99.99	100.45	0.022398	2.89	5.98	6.34	0.95
SanDonato_2	54.444*	Max WS	TR030_TP02H	15.94	98.42	99.98	99.94	100.38	0.022434	2.82	5.65	6.26	0.95
SanDonato_2	54.444*	Max WS	TR030_TP03H	14.50	98.42	99.93	100.30	0.021873	2.72	5.33	6.17	0.93	
SanDonato_2	54.444*	Max WS	TR030_TP04H	13.37	98.42	99.89	100.24	0.021179	2.62	5.10	6.11	0.92	
SanDonato_2	54.444*	Max WS	TR030_TP06H	11.60	98.42	99.82	100.13	0.020760	2.49	4.65	6.00	0.90	
SanDonato_2	54.444*	Max WS	TR030_TP08H	10.41	98.42	99.76	100.06	0.020677	2.41	4.32	5.91	0.90	
SanDonato_2	53.333	Max WS	TR200_TP03H	17.24	98.13	99.92	99.90	100.40	0.025115	3.08	5.60	5.52	0.98
SanDonato_2	53.333	Max WS	TR200_TP01H	18.80	98.13	100.01	100.49	0.023181	3.06	6.14	5.67	0.94	
SanDonato_2	53.333	Max WS	TR200_TP02H	18.35	98.13	99.98	99.94	100.46	0.024201	3.09	5.94	5.61	0.96
SanDonato_2	53.333	Max WS	TR200_TP0.5H	18.43	98.13	99.98	99.95	100.47	0.024313	3.10	5.95	5.62	0.96
SanDonato_2	53.333	Max WS	TR200_TP04H	15.81	98.13	99.88	99.83	100.32	0.023570	2.94	5.38	5.46	0.94
SanDonato_2	53.333	Max WS	TR200_TP06H	14.45	98.13	99.80	99.77	100.23	0.024599	2.91	4.97	5.35	0.96

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
SanDonato_2	53.333	Max WS	TR030_TP03H	12.95	98.13	99.75		100.14	0.023094	2.75	4.70	5.27	0.93
SanDonato_2	53.333	Max WS	TR030_TP04H	12.17	98.13	99.68	99.66	100.08	0.025667	2.81	4.33	5.16	0.98
SanDonato_2	53.333	Max WS	TR030_TP06H	10.74	98.13	99.59	99.59	99.98	0.027157	2.76	3.89	5.03	1.00
SanDonato_2	53.333	Max WS	TR030_TP08H	9.82	98.13	99.52	99.54	99.91	0.029559	2.77	3.55	4.93	1.04
SanDonato_2	52.222*	Max WS	TR200_TP03H	16.59	97.85	99.75		100.09	0.016310	2.60	6.38	5.91	0.80
SanDonato_2	52.222*	Max WS	TR200_TP01H	18.62	97.85	99.84		100.21	0.016406	2.69	6.92	6.04	0.80
SanDonato_2	52.222*	Max WS	TR200_TP02H	17.58	97.85	99.80		100.15	0.015925	2.62	6.71	5.99	0.79
SanDonato_2	52.222*	Max WS	TR200_TP0.5H	18.29	97.85	99.81		100.18	0.017080	2.72	6.73	6.00	0.82
SanDonato_2	52.222*	Max WS	TR200_TP04H	15.85	97.85	99.70		100.05	0.016664	2.59	6.12	5.85	0.81
SanDonato_2	52.222*	Max WS	TR200_TP06H	13.07	97.85	99.69		99.93	0.011664	2.16	6.06	5.84	0.68
SanDonato_2	52.222*	Max WS	TR200_TP08H	12.82	97.85	99.63		99.89	0.013578	2.26	5.66	5.74	0.73
SanDonato_2	52.222*	Max WS	TR030_TP0.5H	13.34	97.85	99.70		99.95	0.011846	2.18	6.12	5.85	0.68
SanDonato_2	52.222*	Max WS	TR030_TP01H	13.18	97.85	99.69		99.93	0.011861	2.17	6.06	5.84	0.68
SanDonato_2	52.222*	Max WS	TR030_TP02H	13.09	97.85	99.69		99.93	0.011709	2.16	6.06	5.84	0.68
SanDonato_2	52.222*	Max WS	TR030_TP03H	11.94	97.85	99.59		99.83	0.012948	2.18	5.48	5.69	0.71
SanDonato_2	52.222*	Max WS	TR030_TP04H	12.56	97.85	99.46		99.82	0.021935	2.66	4.71	5.50	0.92
SanDonato_2	52.222*	Max WS	TR030_TP06H	11.18	97.85	99.35	99.33	99.72	0.025175	2.71	4.13	5.30	0.98
SanDonato_2	52.222*	Max WS	TR030_TP08H	10.10	97.85	99.26	99.27	99.64	0.027765	2.74	3.68	4.97	1.02
SanDonato_2	51.111*	Max WS	TR200_TP03H	17.95	97.58	99.56		99.89	0.014877	2.56	7.02	6.27	0.77
SanDonato_2	51.111*	Max WS	TR200_TP01H	19.96	97.58	99.67		100.01	0.013926	2.57	7.76	6.42	0.75
SanDonato_2	51.111*	Max WS	TR200_TP02H	19.01	97.58	99.62		99.95	0.014293	2.56	7.42	6.35	0.76
SanDonato_2	51.111*	Max WS	TR200_TP0.5H	19.27	97.58	99.62		99.96	0.014864	2.61	7.39	6.34	0.77
SanDonato_2	51.111*	Max WS	TR200_TP04H	17.08	97.58	99.51		99.84	0.015148	2.53	6.74	6.21	0.78
SanDonato_2	51.111*	Max WS	TR200_TP06H	15.56	97.58	99.45		99.75	0.014829	2.45	6.35	6.12	0.77
SanDonato_2	51.111*	Max WS	TR200_TP08H	16.62	97.58	99.30	99.30	99.77	0.025772	3.03	5.48	5.92	1.01
SanDonato_2	51.111*	Max WS	TR030_TP0.5H	15.39	97.58	99.44		99.75	0.014705	2.43	6.33	6.12	0.76
SanDonato_2	51.111*	Max WS	TR030_TP01H	16.23	97.58	99.48		99.79	0.014926	2.48	6.53	6.16	0.77
SanDonato_2	51.111*	Max WS	TR030_TP02H	15.36	97.58	99.44		99.74	0.014660	2.43	6.33	6.12	0.76
SanDonato_2	51.111*	Max WS	TR030_TP03H	16.12	97.58	99.28	99.28	99.74	0.025736	3.01	5.36	5.85	1.00
SanDonato_2	51.111*	Max WS	TR030_TP04H	15.04	97.58	99.23	99.23	99.68	0.026235	2.98	5.04	5.85	1.01
SanDonato_2	51.111*	Max WS	TR030_TP06H	12.69	97.58	99.11	99.11	99.53	0.027006	2.90	4.38	5.23	1.01
SanDonato_2	51.111*	Max WS	TR030_TP08H	10.91	97.58	99.01	99.01	99.41	0.027099	2.80	3.89	4.89	1.00
SanDonato_2	50	Max WS	TR200_TP03H	19.47	97.30	99.37		99.70	0.013952	2.53	7.70	6.62	0.75
SanDonato_2	50	Max WS	TR200_TP01H	21.18	97.30	99.52		99.82	0.012089	2.44	8.67	6.96	0.70
SanDonato_2	50	Max WS	TR200_TP02H	20.23	97.30	99.46		99.76	0.012217	2.44	8.29	6.73	0.70
SanDonato_2	50	Max WS	TR200_TP0.5H	20.65	97.30	99.44		99.76	0.013487	2.54	8.12	6.70	0.74
SanDonato_2	50	Max WS	TR200_TP04H	18.67	97.30	99.30		99.64	0.015472	2.59	7.21	6.53	0.79
SanDonato_2	50	Max WS	TR200_TP06H	17.12	97.30	99.16		99.53	0.018485	2.70	6.33	6.17	0.85
SanDonato_2	50	Max WS	TR200_TP08H	16.91	97.30	99.08		99.51	0.021972	2.88	5.87	5.93	0.92
SanDonato_2	50	Max WS	TR030_TP0.5H	16.93	97.30	99.11		99.51	0.020788	2.82	6.00	6.00	0.90
SanDonato_2	50	Max WS	TR030_TP01H	17.79	97.30	99.22		99.58	0.017008	2.64	6.73	6.38	0.82
SanDonato_2	50	Max WS	TR030_TP02H	16.90	97.30	99.11		99.51	0.020299	2.79	6.05	6.02	0.89
SanDonato_2	50	Max WS	TR030_TP03H	16.43	97.30	99.06		99.48	0.022114	2.87	5.73	5.85	0.92
SanDonato_2	50	Max WS	TR030_TP04H	15.47	97.30	99.00	98.95	99.42	0.023333	2.88	5.36	5.64	0.94
SanDonato_2	50	Max WS	TR030_TP06H	12.74	97.30	98.87		99.25	0.022854	2.73	4.66	5.21	0.92
SanDonato_2	50	Max WS	TR030_TP08H	10.95	97.30	98.77		99.12	0.022448	2.62	4.18	4.90	0.91
SanDonato_2	49.195*	Max WS	TR200_TP03H	20.45	97.07	99.08		99.48	0.018233	2.80	7.31	6.83	0.86
SanDonato_2	49.195*	Max WS	TR200_TP01H	22.80	97.07	99.28		99.63	0.014109	2.62	8.71	7.30	0.77
SanDonato_2	49.195*	Max WS	TR200_TP02H	21.84	97.07	99.20		99.57	0.015514	2.68	8.14	7.12	0.80
SanDonato_2	49.195*	Max WS	TR200_TP0.5H	22.07	97.07	99.20		99.58	0.015981	2.72	8.12	7.11	0.81
SanDonato_2	49.195*	Max WS	TR200_TP04H	19.46	97.07	99.02		99.43	0.019301	2.82	6.90	6.71	0.89
SanDonato_2	49.195*	Max WS	TR200_TP06H	17.61	97.07	98.93		99.33	0.020090	2.80	6.29	6.33	0.90
SanDonato_2	49.195*	Max WS	TR200_TP08H	16.92	97.07	98.86		99.29	0.022080	2.88	5.87	6.07	0.94
SanDonato_2	49.195*	Max WS	TR030_TP0.5H	17.19	97.07	98.90		99.31	0.020647	2.82	6.10	6.22	0.91
SanDonato_2	49.195*	Max WS	TR030_TP01H	18.47	97.07	98.97		99.38	0.019880	2.82	6.55	6.50	0.90
SanDonato_2	49.195*	Max WS	TR030_TP02H	17.21	97.07	98.91		99.31	0.020253	2.80	6.15	6.25	0.90
SanDonato_2	49.195*	Max WS	TR030_TP03H	16.45	97.07	98.85		99.26	0.021806	2.85	5.77	6.00	0.93
SanDonato_2	49.195*	Max WS	TR030_TP04H	15.47	97.07	98.78	98.73	99.20	0.022924	2.87	5.39	5.75	0.95
SanDonato_2	49.195*	Max WS	TR030_TP06H	12.77	97.07	98.67		99.03	0.021460	2.68	4.76	5.32	0.91
SanDonato_2	49.195*	Max WS	TR030_TP08H	10.97	97.07	98.58		98.91	0.020441	2.54	4.32	5.06	0.88
SanDonato_2	48.391*	Max WS	TR200_TP03H	22.31	96.84	98.82	98.82	99.36	0.025134	3.23	6.90	6.62	1.01
SanDonato_2	48.391*	Max WS	TR200_TP01H	27.07	96.84	98.97	98.99	99.57	0.025656	3.42	7.91	7.00	1.03
SanDonato_2	48.391*	Max WS	TR200_TP02H	24.92	96.84	98.91	98.92	99.48	0.025068	3.32	7.50	6.83	1.01
SanDonato_2	48.391*	Max WS	TR200_TP0.5H	24.11	96.84	98.91	98.89	99.44	0.023790	3.23	7.46	6.82	0.99
SanDonato_2	48.391*	Max WS	TR200_TP04H	20.26	96.84	98.77	98.75	99.26	0.023940	3.10	6.53	6.42	0.98
SanDonato_2	48.391*	Max WS	TR200_TP06H	17.87	96.84	98.68	98.65	99.13	0.023496	2.99	5.97	6.11	0.97
SanDonato_2	48.391*	Max WS	TR200_TP08H	16.82	96.84	98.62	98.61	99.08	0.024087	2.98	5.65	5.94	0.98
SanDonato_2	48.391*	Max WS	TR030_TP0.5H	17.35	96.84	98.65	98.62	99.11	0.023501	2.97	5.84	6.04	0.97
SanDonato_2	48.391*	Max WS	TR030_TP01H	18.88	96.84	98.71	98.69	99.19	0.023705	3.04	6.20	6.23	0.97
SanDonato_2	48.391*	Max WS	TR030_TP02H	17.40	96.84	98.66	98.62	99.11	0.023389	2.97	5.86	6.06	0.96
SanDonato_2	48.391*	Max WS	TR030_TP03H	16.46	96.84	98.60	98.58	99.06	0.024412	2.98	5.53	5.88	0.98
SanDonato_2	48.391*	Max WS	TR030_TP04H	15.54	96.84	98.55	98.54	99.00	0.025435	2.98	5.21	5.70	1.00
SanDonato_2	48.391*	Max WS	TR030_TP06H	12.81	96.84	98.42	98.40	98.83	0.025003	2.83	4.53	5.28	0.98
SanDonato_2	48.391*	Max WS	TR030_TP08H	11.02	96.84	98.33	98.30	98.71	0.024580	2.71	4.06	4.99	0.96
SanDonato_2	47.586	Max WS	TR200_TP03H	23.57	96.61	98.51	98.67	99.26	0.037840	3.82	6.17	6.24	1.23
SanDonato_2	47.586	Max WS	TR200_TP01H	28.82	96.61	98.64	98.84	99.51	0.040132	4.12	7.00	6.57	1.27
SanDonato_2	47.586	Max WS	TR200_TP02H	26.55	96.61	98.59	98.76	99.40	0.039219	3.99	6.66	6.49	1.26
SanDonato_2	47.586	Max WS	TR200_TP0.5H	26.29	96.61	98.59	98.76	99.38	0.038519	3.95	6.66	6.49	1.25
SanDonato_2	47.586	Max WS	TR200_TP04H	21.66	96.61	98.46	98.60	99.16	0.036396	3.69	5.87	6.08	1.20
SanDonato_2	47.586	Max WS	TR200_TP06H	19.13	96.61	98.39	98.50	99.02	0.035370	3.54	5.40	5.81	1.17
SanDonato_2	47.586	Max WS	TR200_TP08H	17.69	96.61	98.33	98.44	98.94	0.034870	3.46	5.11	5.64	1.16
SanDonato_2	47.586	Max WS	TR030_TP0.5H	18.52	96.61	98.36	98.48	98.99	0.035219	3.51	5.28	5.74	1.17
SanDonato_2	47.586	Max WS	TR030_TP01H	20.20	96.61	98.42	98.55	99.08	0.036058	3.61	5.59	5.92	1.19
SanDonato_2	47.586	Max WS	TR030_TP02H	18.64	96.61	98.37	98.48	99.00	0.035213	3.51	5.31	5.76	1.17
SanDonato_2	47.586	Max WS	TR030_TP03H	17.14	96.61	98.32	98.42	98.91	0.034530	3.42	5.01	5.57	1.15
SanDonato_2	47.586	Max WS	TR030_TP04H	15.70	96.61	98.26	98.35	98.83	0.034108	3.34	4.70	5.37	1.14
SanDonato_2	47.												

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
SanDonato_2	46.782*	Max WS	TR200_TP03H	20.45	96.39	98.14	98.22	98.71	0.031544	3.34	6.12	6.88	1.13
SanDonato_2	46.782*	Max WS	TR200_TP01H	23.87	96.39	98.24	98.34	98.87	0.032208	3.51	6.80	7.17	1.15
SanDonato_2	46.782*	Max WS	TR200_TP02H	22.47	96.39	98.20	98.29	98.81	0.032555	3.45	6.51	7.13	1.15
SanDonato_2	46.782*	Max WS	TR200_TP0.5H	22.40	96.39	98.20	98.29	98.80	0.031650	3.42	6.56	7.14	1.14
SanDonato_2	46.782*	Max WS	TR200_TP04H	19.22	96.39	98.11	98.18	98.65	0.030839	3.27	5.88	6.71	1.11
SanDonato_2	46.782*	Max WS	TR200_TP06H	17.61	96.39	98.04	98.12	98.57	0.031176	3.22	5.46	6.41	1.11
SanDonato_2	46.782*	Max WS	TR200_TP08H	16.50	96.39	98.00	98.08	98.52	0.031054	3.18	5.19	6.20	1.11
SanDonato_2	46.782*	Max WS	TR030_TP0.5H	17.24	96.39	98.03	98.10	98.56	0.031570	3.23	5.34	6.32	1.12
SanDonato_2	46.782*	Max WS	TR030_TP01H	18.35	96.39	98.07	98.15	98.61	0.031603	3.27	5.62	6.52	1.12
SanDonato_2	46.782*	Max WS	TR030_TP02H	17.26	96.39	98.03	98.11	98.56	0.031170	3.21	5.38	6.34	1.11
SanDonato_2	46.782*	Max WS	TR030_TP03H	16.10	96.39	97.99	98.06	98.49	0.030849	3.15	5.11	6.12	1.10
SanDonato_2	46.782*	Max WS	TR030_TP04H	14.79	96.39	97.94	97.99	98.42	0.030170	3.08	4.81	5.87	1.09
SanDonato_2	46.782*	Max WS	TR030_TP06H	12.54	96.39	97.85	97.88	98.28	0.028532	2.91	4.31	5.51	1.05
SanDonato_2	46.782*	Max WS	TR030_TP08H	11.00	96.39	97.78	97.80	98.18	0.027623	2.78	3.96	5.28	1.02
SanDonato_2	45.977	Max WS	TR200_TP03H	15.33	96.16	97.84		98.11	0.017639	2.32	6.61	8.67	0.85
SanDonato_2	45.977	Max WS	TR200_TP01H	16.74	96.16	97.91		98.18	0.016331	2.30	7.27	9.05	0.82
SanDonato_2	45.977	Max WS	TR200_TP02H	16.07	96.16	97.88		98.15	0.016836	2.31	6.96	8.88	0.83
SanDonato_2	45.977	Max WS	TR200_TP0.5H	16.52	96.16	97.88		98.17	0.017269	2.35	7.04	8.92	0.84
SanDonato_2	45.977	Max WS	TR200_TP04H	14.67	96.16	97.80		98.08	0.018235	2.33	6.31	8.46	0.86
SanDonato_2	45.977	Max WS	TR200_TP06H	14.21	96.16	97.74		98.04	0.020664	2.45	5.80	7.86	0.91
SanDonato_2	45.977	Max WS	TR200_TP08H	13.71	96.16	97.70		98.02	0.021671	2.50	5.49	7.48	0.93
SanDonato_2	45.977	Max WS	TR030_TP0.5H	14.26	96.16	97.72	97.67	98.04	0.022174	2.53	5.63	7.66	0.94
SanDonato_2	45.977	Max WS	TR030_TP01H	14.57	96.16	97.76		98.06	0.020570	2.45	5.94	8.03	0.91
SanDonato_2	45.977	Max WS	TR030_TP02H	14.08	96.16	97.72		98.04	0.021073	2.47	5.70	7.74	0.92
SanDonato_2	45.977	Max WS	TR030_TP03H	13.49	96.16	97.69		98.00	0.021590	2.49	5.42	7.38	0.93
SanDonato_2	45.977	Max WS	TR030_TP04H	12.84	96.16	97.65		97.97	0.021824	2.50	5.14	7.00	0.93
SanDonato_2	45.977	Max WS	TR030_TP06H	11.68	96.16	97.58		97.90	0.022061	2.49	4.69	6.43	0.93
SanDonato_2	45.977	Max WS	TR030_TP08H	10.31	96.16	97.53		97.81	0.020717	2.37	4.36	6.15	0.90
SanDonato_2	45.173	Max WS	TR200_TP03H	14.37	95.93	97.75		97.89	0.006788	1.66	8.65	8.80	0.53
SanDonato_2	45.173	Max WS	TR200_TP01H	15.70	95.93	97.84		97.98	0.006216	1.66	9.45	8.90	0.51
SanDonato_2	45.173	Max WS	TR200_TP02H	14.96	95.93	97.80		97.93	0.006325	1.64	9.10	8.85	0.52
SanDonato_2	45.173	Max WS	TR200_TP0.5H	15.26	95.93	97.80		97.95	0.006412	1.66	9.18	8.86	0.52
SanDonato_2	45.173	Max WS	TR200_TP04H	13.67	95.93	97.69		97.83	0.007321	1.67	8.16	8.73	0.55
SanDonato_2	45.173	Max WS	TR200_TP06H	13.26	95.93	97.59		97.76	0.009618	1.81	7.31	8.63	0.63
SanDonato_2	45.173	Max WS	TR200_TP08H	12.55	95.93	97.54		97.71	0.010524	1.83	6.85	8.57	0.65
SanDonato_2	45.173	Max WS	TR030_TP0.5H	13.19	95.93	97.57		97.74	0.010437	1.86	7.09	8.60	0.65
SanDonato_2	45.173	Max WS	TR030_TP01H	13.25	95.93	97.61		97.77	0.008839	1.76	7.51	8.65	0.60
SanDonato_2	45.173	Max WS	TR030_TP02H	12.96	95.93	97.58		97.74	0.009743	1.81	7.17	8.61	0.63
SanDonato_2	45.173	Max WS	TR030_TP03H	12.53	95.93	97.53		97.70	0.010829	1.85	6.77	8.56	0.66
SanDonato_2	45.173	Max WS	TR030_TP04H	12.13	95.93	97.48		97.67	0.012349	1.91	6.36	8.50	0.71
SanDonato_2	45.173	Max WS	TR030_TP06H	11.33	95.93	97.41		97.61	0.014211	1.96	5.78	8.30	0.75
SanDonato_2	45.173	Max WS	TR030_TP08H	10.37	95.93	97.37		97.56	0.012975	1.90	5.46	7.64	0.72
SanDonato_2	44.368*	Max WS	TR200_TP03H	13.50	95.70	97.71		97.83	0.005170	1.52	8.88	8.15	0.47
SanDonato_2	44.368*	Max WS	TR200_TP01H	15.00	95.70	97.80		97.92	0.005059	1.56	9.61	8.27	0.46
SanDonato_2	44.368*	Max WS	TR200_TP02H	14.18	95.70	97.76		97.88	0.004980	1.53	9.29	8.21	0.46
SanDonato_2	44.368*	Max WS	TR200_TP0.5H	14.26	95.70	97.76		97.88	0.004997	1.53	9.32	8.21	0.46
SanDonato_2	44.368*	Max WS	TR200_TP04H	12.73	95.70	97.66		97.77	0.005314	1.51	8.45	8.10	0.47
SanDonato_2	44.368*	Max WS	TR200_TP06H	12.40	95.70	97.54		97.68	0.007163	1.65	7.51	7.97	0.54
SanDonato_2	44.368*	Max WS	TR200_TP08H	11.70	95.70	97.49		97.63	0.007532	1.65	7.11	7.91	0.55
SanDonato_2	44.368*	Max WS	TR030_TP0.5H	12.01	95.70	97.51		97.65	0.007435	1.65	7.26	7.93	0.55
SanDonato_2	44.368*	Max WS	TR030_TP01H	12.43	95.70	97.57		97.70	0.006656	1.61	7.71	8.00	0.52
SanDonato_2	44.368*	Max WS	TR030_TP02H	12.25	95.70	97.52		97.66	0.007388	1.66	7.38	7.95	0.55
SanDonato_2	44.368*	Max WS	TR030_TP03H	11.61	95.70	97.48		97.62	0.007667	1.65	7.03	7.90	0.56
SanDonato_2	44.368*	Max WS	TR030_TP04H	11.05	95.70	97.44		97.58	0.008066	1.65	6.69	7.86	0.57
SanDonato_2	44.368*	Max WS	TR030_TP06H	10.09	95.70	97.38		97.51	0.008428	1.63	6.21	7.79	0.58
SanDonato_2	44.368*	Max WS	TR030_TP08H	9.22	95.70	97.34		97.47	0.007944	1.55	5.96	7.76	0.56
SanDonato_2	43.564	Max WS	TR200_TP03H	13.93	95.47	97.62		97.75	0.005994	1.63	8.53	7.86	0.49
SanDonato_2	43.564	Max WS	TR200_TP01H	15.70	95.47	97.69		97.84	0.006688	1.72	9.15	8.33	0.52
SanDonato_2	43.564	Max WS	TR200_TP02H	14.90	95.47	97.66		97.81	0.006408	1.68	8.88	8.07	0.51
SanDonato_2	43.564	Max WS	TR200_TP0.5H	15.01	95.47	97.66		97.81	0.006486	1.69	8.88	8.08	0.51
SanDonato_2	43.564	Max WS	TR200_TP04H	13.35	95.47	97.56		97.70	0.006158	1.64	8.13	7.38	0.50
SanDonato_2	43.564	Max WS	TR200_TP06H	13.22	95.47	97.35		97.55	0.011375	2.02	6.56	7.15	0.67
SanDonato_2	43.564	Max WS	TR200_TP08H	12.37	95.47	97.30		97.50	0.011750	2.00	6.20	7.10	0.68
SanDonato_2	43.564	Max WS	TR030_TP0.5H	12.74	95.47	97.29		97.51	0.012631	2.06	6.17	7.09	0.71
SanDonato_2	43.564	Max WS	TR030_TP01H	13.22	95.47	97.40		97.59	0.009634	1.91	6.93	7.21	0.62
SanDonato_2	43.564	Max WS	TR030_TP02H	13.12	95.47	97.30		97.53	0.013058	2.11	6.22	7.10	0.72
SanDonato_2	43.564	Max WS	TR030_TP03H	12.22	95.47	97.28		97.49	0.011998	2.00	6.11	7.08	0.69
SanDonato_2	43.564	Max WS	TR030_TP04H	11.55	95.47	97.24		97.44	0.012449	1.99	5.81	7.04	0.70
SanDonato_2	43.564	Max WS	TR030_TP06H	10.49	95.47	97.18		97.37	0.013234	1.96	5.34	6.97	0.72
SanDonato_2	43.564	Max WS	TR030_TP08H	9.89	95.47	97.15		97.34	0.012820	1.91	5.19	6.94	0.70
SanDonato_2	42.759	Max WS	TR200_TP03H	12.87	95.24	97.60		97.71	0.004642	1.49	8.65	6.98	0.43
SanDonato_2	42.759	Max WS	TR200_TP01H	14.27	95.24	97.68		97.80	0.004797	1.55	9.21	7.13	0.43
SanDonato_2	42.759	Max WS	TR200_TP02H	13.58	95.24	97.65		97.76	0.004682	1.52	8.96	7.05	0.43
SanDonato_2	42.759	Max WS	TR200_TP0.5H	13.76	95.24	97.65		97.77	0.004805	1.54	8.96	7.05	0.43
SanDonato_2	42.759	Max WS	TR200_TP04H	12.33	95.24	97.54		97.66	0.004888	1.50	8.23	6.87	0.44
SanDonato_2	42.759	Max WS	TR200_TP06H	10.26	95.24	97.35		97.46	0.005489	1.48	6.93	6.54	0.46
SanDonato_2	42.759	Max WS	TR200_TP08H	9.91	95.24	97.34		97.45	0.005145	1.43	6.91	6.54	0.45
SanDonato_2	42.759	Max WS	TR030_TP0.5H	10.41	95.24	97.34		97.46	0.005765	1.51	6.88	6.53	0.47
SanDonato_2	42.759	Max WS	TR030_TP01H	12.49	95.24	97.34		97.51	0.008246	1.81	6.89	6.53	0.56
SanDonato_2	42.759	Max WS	TR030_TP02H	10.05	95.24	97.35		97.45	0.005288	1.45	6.92	6.54	0.45
SanDonato_2	42.759	Max WS	TR030_TP03H	9.91	95.24	97.33		97.43	0.005421	1.46	6.79	6.52	0.46
SanDonato_2	42.759	Max WS	TR030_TP04H	10.01	95.24	97.23		97.37	0.007214	1.61	6.20	6.42	0.52
SanDonato_2	42.759	Max WS	TR030_TP06H	9.60	95.24	97.11		97.27	0.009968	1.78	5.40	6.29	0.61
SanDonato_2	42.759	Max WS	TR030_TP08H	9.32	95.24	97.03		97.22	0.012245	1.89	4.94	6.21	0.68
SanDonato_2	41.954*	Max WS	TR200_TP03H	11.70	95.02	97.61		97.68	0.002587	1.16	10.12	7.73	0.32
SanDonato_2	41.954*	Max WS	TR200_TP01H	13.17	95.02	97.69		97.77	0.002817	1.23	10.75	8.01	0.34
SanDonato_2	41.954*	Max WS	TR200_TP02H	12.49	95.02	97.65		97.73	0.002700	1.19			

HEC-RAS Profile: Max WS (Continued)

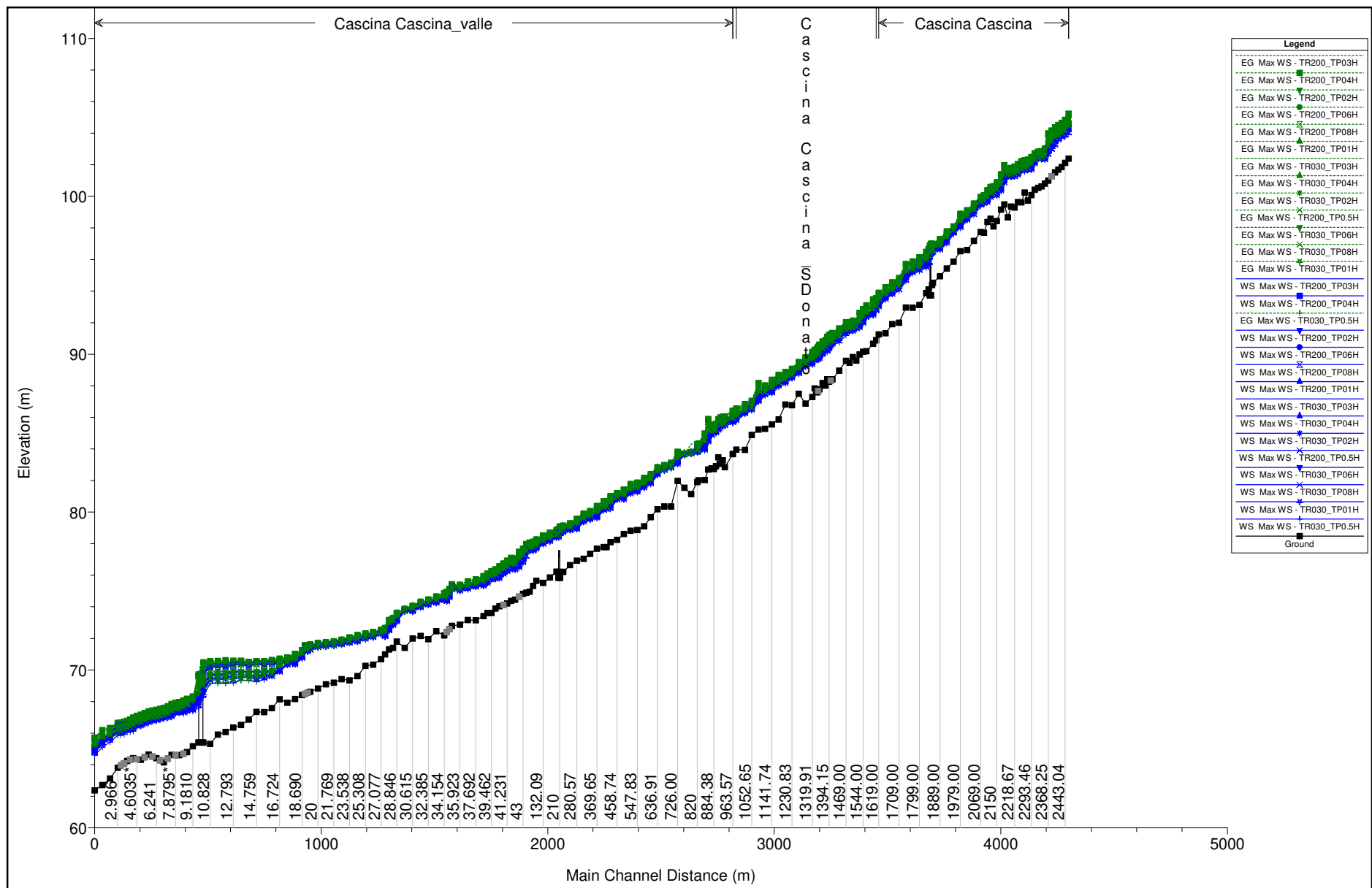
Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
SanDonato_2	41.954*	Max WS	TR200_TP0.5H	12.58	95.02	97.66		97.73	0.002729	1.20	10.49	7.89	0.33
SanDonato_2	41.954*	Max WS	TR200_TP04H	11.27	95.02	97.55		97.62	0.002712	1.16	9.68	7.61	0.33
SanDonato_2	41.954*	Max WS	TR200_TP06H	10.88	95.02	97.27		97.38	0.004836	1.42	7.65	7.04	0.44
SanDonato_2	41.954*	Max WS	TR200_TP08H	10.95	95.02	97.28		97.38	0.004871	1.43	7.67	7.04	0.44
SanDonato_2	41.954*	Max WS	TR030_TP0.5H	11.27	95.02	97.27		97.38	0.005203	1.47	7.65	7.04	0.45
SanDonato_2	41.954*	Max WS	TR030_TP01H	11.79	95.02	97.33		97.44	0.004915	1.46	8.06	7.14	0.44
SanDonato_2	41.954*	Max WS	TR030_TP02H	11.02	95.02	97.27		97.38	0.004973	1.44	7.65	7.04	0.44
SanDonato_2	41.954*	Max WS	TR030_TP03H	10.88	95.02	97.26		97.36	0.005056	1.44	7.54	7.01	0.44
SanDonato_2	41.954*	Max WS	TR030_TP04H	10.72	95.02	97.16		97.28	0.006456	1.57	6.84	6.84	0.50
SanDonato_2	41.954*	Max WS	TR030_TP06H	10.23	95.02	96.98		97.15	0.010280	1.81	5.64	6.55	0.62
SanDonato_2	41.954*	Max WS	TR030_TP08H	9.75	95.02	96.87		97.07	0.013700	1.97	4.94	6.34	0.71
SanDonato_2	41.150*	Max WS	TR200_TP03H	9.38	94.79	97.64		97.67	0.001089	0.78	12.06	8.70	0.21
SanDonato_2	41.150*	Max WS	TR200_TP01H	10.78	94.79	97.72		97.75	0.001255	0.84	12.77	9.08	0.23
SanDonato_2	41.150*	Max WS	TR200_TP02H	10.23	94.79	97.68		97.72	0.001199	0.82	12.45	8.90	0.22
SanDonato_2	41.150*	Max WS	TR200_TP0.5H	10.29	94.79	97.68		97.72	0.001207	0.83	12.47	8.91	0.22
SanDonato_2	41.150*	Max WS	TR200_TP04H	9.10	94.79	97.58		97.61	0.001144	0.79	11.56	8.52	0.22
SanDonato_2	41.150*	Max WS	TR200_TP06H	10.98	94.79	97.25		97.32	0.003266	1.23	8.90	7.43	0.36
SanDonato_2	41.150*	Max WS	TR200_TP08H	14.74	94.79	96.80		97.13	0.020361	2.55	5.78	6.73	0.88
SanDonato_2	41.150*	Max WS	TR030_TP0.5H	14.68	94.79	96.84		97.14	0.017981	2.44	6.02	6.78	0.83
SanDonato_2	41.150*	Max WS	TR030_TP01H	10.41	94.79	97.35		97.41	0.002355	1.07	9.71	7.80	0.31
SanDonato_2	41.150*	Max WS	TR030_TP02H	14.64	94.79	96.84		97.14	0.018001	2.44	6.00	6.77	0.83
SanDonato_2	41.150*	Max WS	TR030_TP03H	14.53	94.79	96.79		97.12	0.020896	2.56	5.68	6.70	0.89
SanDonato_2	41.150*	Max WS	TR030_TP04H	13.53	94.79	96.72		97.06	0.023440	2.60	5.20	6.57	0.93
SanDonato_2	41.150*	Max WS	TR030_TP06H	12.95	94.79	96.64	96.64	97.02	0.027256	2.73	4.74	6.23	1.00
SanDonato_2	41.150*	Max WS	TR030_TP08H	11.53	94.79	96.56	96.57	96.94	0.028081	2.71	4.26	5.75	1.00
SanDonato_2	40.345	Max WS	TR200_TP03H	17.14	94.56	97.46		97.57	0.003553	1.42	12.03	8.18	0.38
SanDonato_2	40.345	Max WS	TR200_TP01H	17.79	94.56	97.57		97.66	0.003205	1.38	12.89	8.48	0.36
SanDonato_2	40.345	Max WS	TR200_TP02H	17.54	94.56	97.52		97.62	0.003362	1.40	12.51	8.35	0.37
SanDonato_2	40.345	Max WS	TR200_TP0.5H	17.52	94.56	97.53		97.62	0.003335	1.40	12.54	8.36	0.36
SanDonato_2	40.345	Max WS	TR200_TP04H	17.05	94.56	97.38		97.50	0.004064	1.50	11.37	7.94	0.40
SanDonato_2	40.345	Max WS	TR200_TP06H	16.18	94.56	96.95		97.15	0.009240	1.99	8.15	7.12	0.59
SanDonato_2	40.345	Max WS	TR200_TP08H	16.83	94.56	96.53	96.59	97.05	0.033998	3.17	5.31	6.37	1.11
SanDonato_2	40.345	Max WS	TR030_TP0.5H	17.28	94.56	96.61	96.61	97.06	0.027775	2.97	5.82	6.59	1.01
SanDonato_2	40.345	Max WS	TR030_TP01H	16.58	94.56	97.09		97.26	0.006965	1.81	9.17	7.38	0.52
SanDonato_2	40.345	Max WS	TR030_TP02H	17.24	94.56	96.61	96.61	97.06	0.027909	2.97	5.80	6.59	1.01
SanDonato_2	40.345	Max WS	TR030_TP03H	16.45	94.56	96.51	96.58	97.03	0.034950	3.18	5.17	6.27	1.12
SanDonato_2	40.345	Max WS	TR030_TP04H	14.81	94.56	96.41	96.51	96.95	0.038133	3.23	4.58	5.75	1.16
SanDonato_2	40.345	Max WS	TR030_TP06H	13.36	94.56	96.31	96.44	96.87	0.041886	3.32	4.02	5.10	1.20
SanDonato_2	40.345	Max WS	TR030_TP08H	11.54	94.56	96.20	96.33	96.76	0.046878	3.32	3.48	4.82	1.25
SanDonato_2	40	Max WS	TR200_TP03H	26.74	94.29	96.98	96.15	97.28	0.006443	2.45	10.93	6.89	0.51
SanDonato_2	40	Max WS	TR200_TP01H	26.86	94.29	97.17	96.15	97.43	0.005198	2.27	11.81	7.14	0.46
SanDonato_2	40	Max WS	TR200_TP02H	26.81	94.29	97.09	96.15	97.37	0.005659	2.34	11.45	7.04	0.48
SanDonato_2	40	Max WS	TR200_TP0.5H	26.81	94.29	97.10	96.15	97.37	0.005614	2.33	11.49	7.05	0.48
SanDonato_2	40	Max WS	TR200_TP04H	26.64	94.29	96.83	96.14	97.17	0.007777	2.61	10.21	6.70	0.57
SanDonato_2	40	Max WS	TR200_TP06H	23.88	94.29	96.55	96.04	96.92	0.009362	2.69	8.89	6.33	0.63
SanDonato_2	40	Max WS	TR200_TP08H	19.60	94.29	96.32	95.87	96.64	0.009327	2.52	7.79	6.02	0.63
SanDonato_2	40	Max WS	TR030_TP0.5H	22.42	94.29	96.47	95.99	96.82	0.009353	2.63	8.52	6.22	0.63
SanDonato_2	40	Max WS	TR030_TP01H	24.15	94.29	96.57	96.05	96.94	0.009277	2.69	8.99	6.35	0.62
SanDonato_2	40	Max WS	TR030_TP02H	22.33	94.29	96.47	95.98	96.82	0.009347	2.63	8.50	6.22	0.63
SanDonato_2	40	Max WS	TR030_TP03H	19.00	94.29	96.28	95.85	96.60	0.009313	2.49	7.63	5.98	0.63
SanDonato_2	40	Max WS	TR030_TP04H	16.66	94.29	96.15	95.75	96.44	0.009248	2.38	7.01	5.80	0.62
SanDonato_2	40	Max WS	TR030_TP06H	13.96	94.29	95.99	95.62	96.25	0.009174	2.23	6.25	5.59	0.62
SanDonato_2	40	Max WS	TR030_TP08H	11.93	94.29	95.86	95.52	96.09	0.009224	2.12	5.63	5.42	0.62
SanDonato_2	35			Bridge									
SanDonato_2	32	Max WS	TR200_TP03H	26.65	94.29	96.00	96.14	96.91	0.032784	4.23	6.30	5.60	1.17
SanDonato_2	32	Max WS	TR200_TP01H	26.86	94.29	96.01	96.15	96.92	0.032659	4.23	6.34	5.61	1.17
SanDonato_2	32	Max WS	TR200_TP02H	26.81	94.29	96.00	96.15	96.92	0.033045	4.25	6.31	5.60	1.18
SanDonato_2	32	Max WS	TR200_TP0.5H	26.80	94.29	96.01	96.15	96.92	0.032509	4.22	6.34	5.61	1.17
SanDonato_2	32	Max WS	TR200_TP04H	26.61	94.29	96.00	96.14	96.91	0.032843	4.23	6.29	5.60	1.17
SanDonato_2	32	Max WS	TR200_TP06H	23.88	94.29	95.88	96.04	96.76	0.034760	4.15	5.75	5.45	1.21
SanDonato_2	32	Max WS	TR200_TP08H	19.60	94.29	95.77	95.87	96.49	0.031605	3.76	5.22	5.33	1.15
SanDonato_2	32	Max WS	TR030_TP0.5H	22.42	94.29	95.85	95.99	96.67	0.033431	4.01	5.59	5.41	1.18
SanDonato_2	32	Max WS	TR030_TP01H	24.15	94.29	95.90	96.05	96.77	0.033847	4.13	5.85	5.47	1.19
SanDonato_2	32	Max WS	TR030_TP02H	22.32	94.29	95.85	95.98	96.66	0.033255	4.00	5.58	5.41	1.18
SanDonato_2	32	Max WS	TR030_TP03H	19.00	94.29	95.75	95.85	96.45	0.031170	3.70	5.13	5.30	1.14
SanDonato_2	32	Max WS	TR030_TP04H	16.66	94.29	95.68	95.75	96.30	0.029823	3.49	4.77	5.16	1.10
SanDonato_2	32	Max WS	TR030_TP06H	13.96	94.29	95.56	95.62	96.11	0.029771	3.29	4.24	4.94	1.09
SanDonato_2	32	Max WS	TR030_TP08H	11.93	94.29	95.47	95.52	95.97	0.029938	3.12	3.82	4.76	1.08
SanDonato_2	31.99			Lat Struct									
SanDonato_2	31.98			Lat Struct									
SanDonato_2	31.000*	Max WS	TR200_TP03H	26.39	93.91	95.83	96.03	96.70	0.041968	4.11	6.42	6.06	1.28
SanDonato_2	31.000*	Max WS	TR200_TP01H	27.40	93.91	95.85	96.06	96.75	0.043214	4.20	6.52	6.08	1.29
SanDonato_2	31.000*	Max WS	TR200_TP02H	27.20	93.91	95.84	96.06	96.74	0.043679	4.21	6.47	6.07	1.30
SanDonato_2	31.000*	Max WS	TR200_TP0.5H	27.03	93.91	95.85	96.05	96.73	0.042385	4.15	6.51	6.08	1.28
SanDonato_2	31.000*	Max WS	TR200_TP04H	26.33	93.91	95.83	96.03	96.69	0.042040	4.11	6.41	6.06	1.28
SanDonato_2	31.000*	Max WS	TR200_TP06H	23.24	93.91	95.72	95.92	96.56	0.045448	4.07	5.71	5.90	1.32
SanDonato_2	31.000*	Max WS	TR200_TP08H	19.63	93.91	95.62	95.79	96.36	0.043813	3.82	5.14	5.78	1.29
SanDonato_2	31.000*	Max WS	TR030_TP0.5H	22.43	93.91	95.69	95.89	96.52	0.045534	4.03	5.57	5.87	1.32
SanDonato_2	31.000*	Max WS	TR030_TP01H	24.17	93.91	95.74	95.95	96.61	0.045356	4.12	5.87	5.94	1.32
SanDonato_2	31.000*	Max WS	TR030_TP02H	22.36	93.91	95.69	95.89	96.51	0.045367	4.02	5.56	5.87	1.32
SanDonato_2	31.000*	Max WS	TR030_TP03H	19.02	93.91	95.60	95.77	96.33	0.043278	3.77	5.05	5.74	1.28
SanDonato_2	31.000*	Max WS	TR030_TP04H	16.68	93.91	95.53	95.68	96.19	0.042542	3.61	4.63	5.57	1.26
SanDonato_2	31.000*	Max WS	TR030_TP06H	13.90	93.91	95.40	95.56	96.03	0.045788	3.51	3.96	5.25	1.29
SanDonato_2	31.000*	Max WS	TR030_TP08H	11.88	93.91	95.29	95.46	95.92	0.050980	3.49	3.40	4.95	1.35
SanDonato_2	30	Max WS	TR200_TP03H	25.79	93.53	95.61		96.14	0.021990	3.22	8.00	6.44	0.92

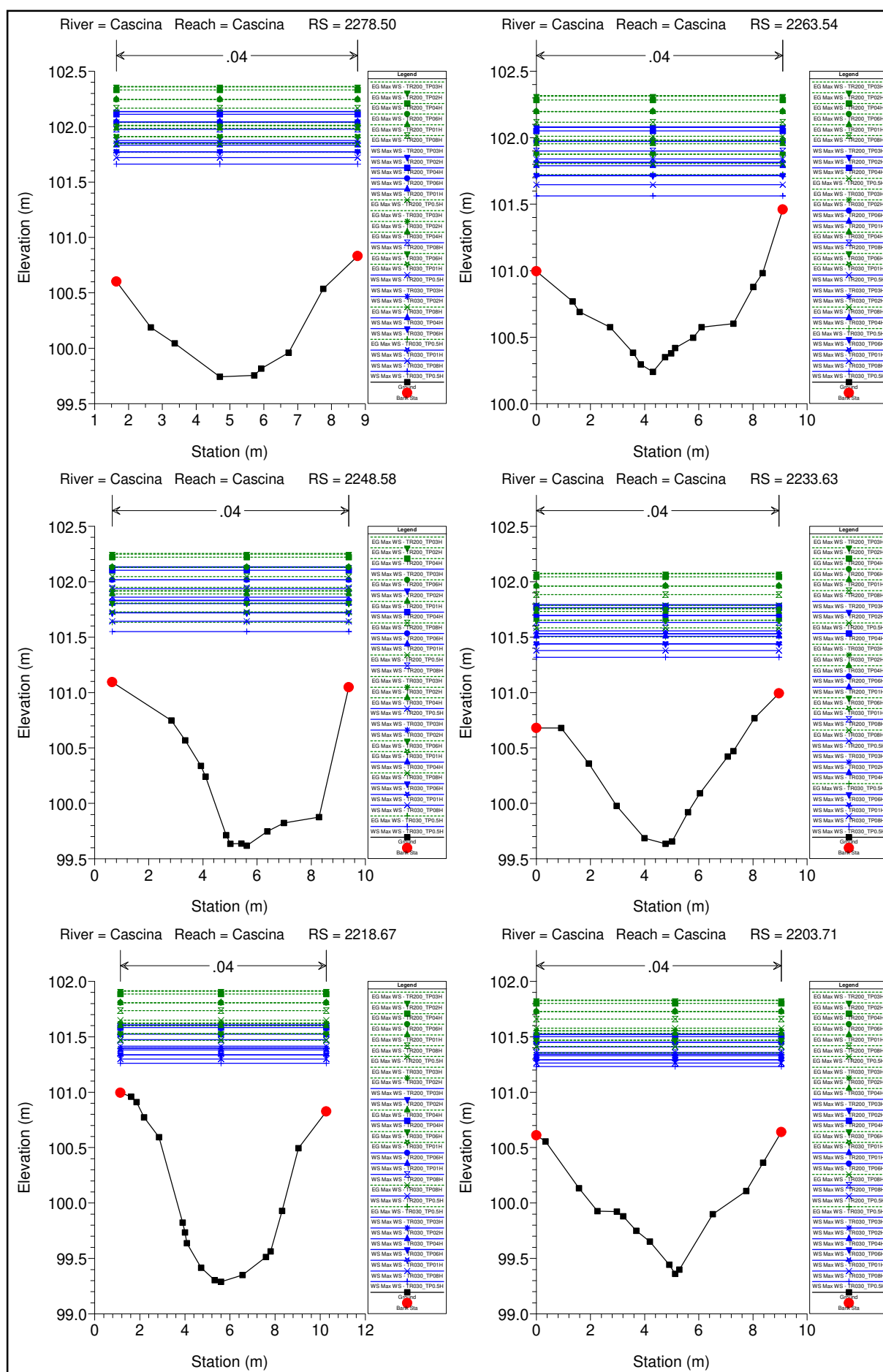
HEC-RAS Profile: Max WS (Continued)

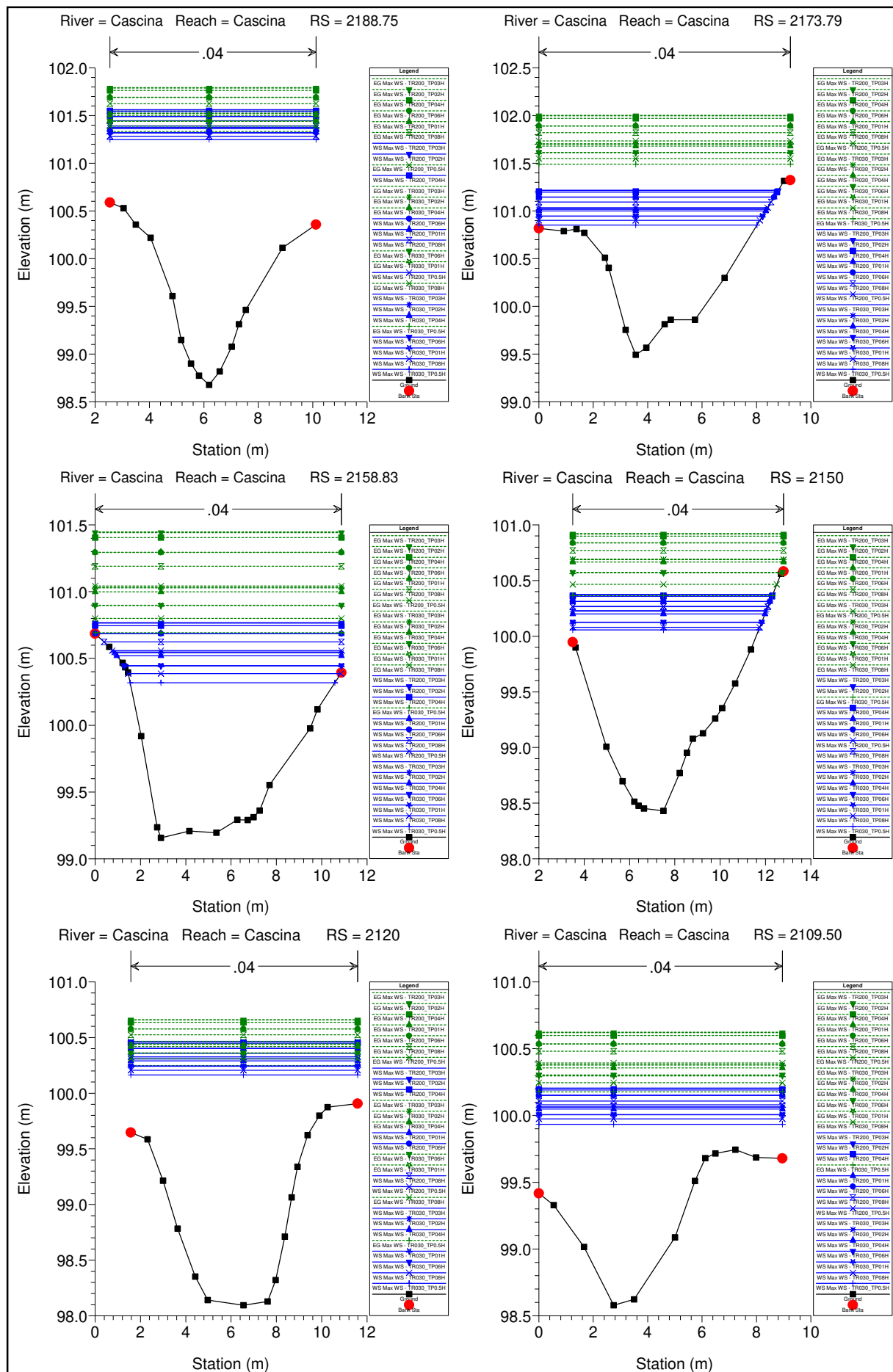
Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
SanDonato_2	30	Max WS	TR200 TP01H	27.49	93.53	95.62	95.59	96.21	0.024096	3.39	8.10	6.46	0.97
SanDonato_2	30	Max WS	TR200 TP02H	27.24	93.53	95.61	95.58	96.20	0.024276	3.39	8.03	6.44	0.97
SanDonato_2	30	Max WS	TR200 TP0.5H	26.83	93.53	95.62	95.57	96.18	0.022968	3.31	8.10	6.46	0.94
SanDonato_2	30	Max WS	TR200 TP04H	25.72	93.53	95.60		96.13	0.021995	3.22	7.98	6.43	0.92
SanDonato_2	30	Max WS	TR200 TP06H	23.01	93.53	95.48	95.43	96.00	0.023522	3.20	7.20	6.26	0.95
SanDonato_2	30	Max WS	TR200 TP08H	19.60	93.53	95.40		95.84	0.020789	2.93	6.68	6.04	0.89
SanDonato_2	30	Max WS	TR030 TP0.5H	22.36	93.53	95.46	95.41	95.97	0.023481	3.17	7.06	6.23	0.95
SanDonato_2	30	Max WS	TR030 TP01H	24.08	93.53	95.51	95.47	96.05	0.024103	3.27	7.37	6.30	0.96
SanDonato_2	30	Max WS	TR030 TP02H	22.31	93.53	95.46	95.41	95.97	0.023374	3.16	7.06	6.23	0.95
SanDonato_2	30	Max WS	TR030 TP03H	19.00	93.53	95.39		95.81	0.020122	2.88	6.61	6.00	0.87
SanDonato_2	30	Max WS	TR030 TP04H	16.67	93.53	95.32		95.68	0.018222	2.68	6.21	5.79	0.83
SanDonato_2	30	Max WS	TR030 TP06H	13.88	93.53	95.19		95.51	0.017453	2.53	5.48	5.38	0.80
SanDonato_2	30	Max WS	TR030 TP08H	11.85	93.53	95.06		95.37	0.017538	2.45	4.84	4.99	0.79
SanDonato_2	28.334*	Max WS	TR200 TP03H	24.43	93.26	95.47		95.81	0.014962	2.60	9.41	8.12	0.77
SanDonato_2	28.334*	Max WS	TR200 TP01H	24.80	93.26	95.55		95.86	0.012741	2.47	10.02	8.12	0.71
SanDonato_2	28.334*	Max WS	TR200 TP02H	24.55	93.26	95.51		95.84	0.013568	2.52	9.75	8.12	0.73
SanDonato_2	28.334*	Max WS	TR200 TP0.5H	24.47	93.26	95.52		95.84	0.013189	2.49	9.82	8.12	0.72
SanDonato_2	28.334*	Max WS	TR200 TP04H	24.28	93.26	95.45		95.80	0.015624	2.63	9.24	8.12	0.79
SanDonato_2	28.334*	Max WS	TR200 TP06H	21.28	93.26	95.38		95.69	0.014570	2.46	8.67	8.12	0.76
SanDonato_2	28.334*	Max WS	TR200 TP08H	19.03	93.26	95.29		95.58	0.015173	2.39	7.95	8.12	0.77
SanDonato_2	28.334*	Max WS	TR030 TP0.5H	20.94	93.26	95.35		95.66	0.015529	2.49	8.40	8.12	0.78
SanDonato_2	28.334*	Max WS	TR030 TP01H	22.13	93.26	95.40		95.72	0.014887	2.51	8.83	8.12	0.77
SanDonato_2	28.334*	Max WS	TR030 TP02H	20.87	93.26	95.37		95.67	0.014487	2.43	8.57	8.12	0.76
SanDonato_2	28.334*	Max WS	TR030 TP03H	18.53	93.26	95.27		95.56	0.015414	2.38	7.77	8.12	0.78
SanDonato_2	28.334*	Max WS	TR030 TP04H	16.44	93.26	95.16		95.45	0.016876	2.38	6.91	7.82	0.81
SanDonato_2	28.334*	Max WS	TR030 TP06H	13.85	93.26	94.96		95.28	0.018525	2.51	5.52	5.96	0.83
SanDonato_2	28.334*	Max WS	TR030 TP08H	11.88	93.26	94.84		95.14	0.018061	2.46	4.84	5.18	0.81
SanDonato_2	26.667	Max WS	TR200 TP03H	24.65	92.98	95.29		95.62	0.014180	2.56	9.62	8.37	0.76
SanDonato_2	26.667	Max WS	TR200 TP01H	25.16	92.98	95.41		95.69	0.011190	2.37	10.62	8.62	0.68
SanDonato_2	26.667	Max WS	TR200 TP02H	24.83	92.98	95.36		95.66	0.012096	2.43	10.23	8.52	0.71
SanDonato_2	26.667	Max WS	TR200 TP0.5H	24.86	92.98	95.36		95.66	0.012139	2.43	10.23	8.52	0.71
SanDonato_2	26.667	Max WS	TR200 TP04H	24.43	92.98	95.22		95.59	0.016725	2.71	9.02	8.22	0.83
SanDonato_2	26.667	Max WS	TR200 TP06H	21.12	92.98	95.16		95.47	0.014388	2.46	8.59	8.11	0.76
SanDonato_2	26.667	Max WS	TR200 TP08H	19.33	92.98	95.07		95.38	0.015486	2.46	7.87	7.93	0.79
SanDonato_2	26.667	Max WS	TR030 TP0.5H	21.09	92.98	95.15		95.47	0.014855	2.49	8.48	8.09	0.77
SanDonato_2	26.667	Max WS	TR030 TP01H	21.03	92.98	95.16		95.47	0.014289	2.45	8.58	8.11	0.76
SanDonato_2	26.667	Max WS	TR030 TP02H	21.08	92.98	95.16		95.47	0.014410	2.46	8.57	8.11	0.76
SanDonato_2	26.667	Max WS	TR030 TP03H	18.82	92.98	95.05		95.36	0.015879	2.46	7.65	7.85	0.80
SanDonato_2	26.667	Max WS	TR030 TP04H	16.63	92.98	94.91		95.23	0.016972	2.51	6.64	6.85	0.81
SanDonato_2	26.667	Max WS	TR030 TP06H	13.87	92.98	94.71		95.05	0.018635	2.56	5.41	5.64	0.84
SanDonato_2	26.667	Max WS	TR030 TP08H	11.90	92.98	94.60		94.91	0.018742	2.49	4.79	5.22	0.83
SanDonato_2	25.000	Max WS	TR200 TP03H	25.44	92.70	94.93		95.38	0.021549	2.97	8.56	8.12	0.92
SanDonato_2	25.000	Max WS	TR200 TP01H	26.95	92.70	94.99		95.44	0.020505	2.98	9.04	8.14	0.90
SanDonato_2	25.000	Max WS	TR200 TP02H	26.26	92.70	94.96		95.41	0.020806	2.97	8.84	8.13	0.91
SanDonato_2	25.000	Max WS	TR200 TP0.5H	26.26	92.70	94.96		95.41	0.020884	2.97	8.83	8.13	0.91
SanDonato_2	25.000	Max WS	TR200 TP04H	24.62	92.70	94.90		95.34	0.022032	2.96	8.32	8.11	0.93
SanDonato_2	25.000	Max WS	TR200 TP06H	21.81	92.70	94.81		95.23	0.021899	2.87	7.60	7.76	0.93
SanDonato_2	25.000	Max WS	TR200 TP08H	19.80	92.70	94.76		95.14	0.019847	2.74	7.24	7.34	0.88
SanDonato_2	25.000	Max WS	TR030 TP0.5H	21.77	92.70	94.79	94.73	95.22	0.022774	2.93	7.43	7.57	0.94
SanDonato_2	25.000	Max WS	TR030 TP01H	22.58	92.70	94.83		95.26	0.022212	2.89	7.81	8.00	0.93
SanDonato_2	25.000	Max WS	TR030 TP02H	21.74	92.70	94.80		95.22	0.022203	2.89	7.52	7.67	0.93
SanDonato_2	25.000	Max WS	TR030 TP03H	19.26	92.70	94.75		95.12	0.018968	2.68	7.20	7.29	0.86
SanDonato_2	25.000	Max WS	TR030 TP04H	16.93	92.70	94.62		94.99	0.018771	2.68	6.32	6.25	0.85
SanDonato_2	25.000	Max WS	TR030 TP06H	13.90	92.70	94.45		94.80	0.019479	2.61	5.32	5.56	0.85
SanDonato_2	25.000	Max WS	TR030 TP08H	11.93	92.70	94.33		94.67	0.019740	2.55	4.67	5.08	0.85
SanDonato_2	23.333	Max WS	TR200 TP03H	25.65	92.43	94.60	94.67	95.13	0.030086	3.24	7.91	8.76	1.09
SanDonato_2	23.333	Max WS	TR200 TP01H	27.52	92.43	94.66	94.71	95.20	0.029646	3.23	8.51	9.36	1.08
SanDonato_2	23.333	Max WS	TR200 TP02H	26.63	92.43	94.64	94.69	95.17	0.030318	3.23	8.26	9.31	1.09
SanDonato_2	23.333	Max WS	TR200 TP0.5H	26.59	92.43	94.63	94.69	95.17	0.030361	3.23	8.23	9.28	1.09
SanDonato_2	23.333	Max WS	TR200 TP04H	24.75	92.43	94.57	94.65	95.10	0.029242	3.22	7.68	8.36	1.07
SanDonato_2	23.333	Max WS	TR200 TP06H	22.27	92.43	94.50	94.49	95.00	0.025000	3.12	7.13	7.06	0.99
SanDonato_2	23.333	Max WS	TR200 TP08H	19.88	92.43	94.41	94.38	94.88	0.024056	3.04	6.54	6.46	0.97
SanDonato_2	23.333	Max WS	TR030 TP0.5H	21.69	92.43	94.48	94.46	94.97	0.024901	3.12	6.96	6.86	0.99
SanDonato_2	23.333	Max WS	TR030 TP01H	23.02	92.43	94.52	94.58	95.03	0.026454	3.17	7.27	7.41	1.02
SanDonato_2	23.333	Max WS	TR030 TP02H	22.02	92.43	94.49	94.50	94.99	0.024839	3.12	7.06	6.95	0.99
SanDonato_2	23.333	Max WS	TR030 TP03H	19.26	92.43	94.41		94.85	0.022714	2.95	6.52	6.45	0.94
SanDonato_2	23.333	Max WS	TR030 TP04H	16.95	92.43	94.37		94.74	0.019307	2.71	6.26	6.20	0.86
SanDonato_2	23.333	Max WS	TR030 TP06H	13.93	92.43	94.18		94.55	0.020237	2.68	5.20	5.35	0.87
SanDonato_2	23.333	Max WS	TR030 TP08H	11.97	92.43	94.06		94.41	0.020460	2.62	4.57	4.85	0.86
SanDonato_2	21.667	Max WS	TR200 TP03H	22.81	92.16	94.26	94.21	94.78	0.023717	3.18	7.18	6.40	0.96
SanDonato_2	21.667	Max WS	TR200 TP01H	23.88	92.16	94.32		94.83	0.022535	3.15	7.58	6.56	0.94
SanDonato_2	21.667	Max WS	TR200 TP02H	23.45	92.16	94.30	94.23	94.81	0.023062	3.17	7.40	6.49	0.95
SanDonato_2	21.667	Max WS	TR200 TP0.5H	23.47	92.16	94.29	94.23	94.81	0.023265	3.18	7.38	6.48	0.95
SanDonato_2	21.667	Max WS	TR200 TP04H	22.32	92.16	94.24	94.19	94.75	0.024048	3.18	7.02	6.34	0.96
SanDonato_2	21.667	Max WS	TR200 TP06H	20.44	92.16	94.19		94.66	0.022542	3.04	6.73	6.22	0.93
SanDonato_2	21.667	Max WS	TR200 TP08H	19.24	92.16	94.15		94.60	0.022167	2.98	6.46	6.07	0.92
SanDonato_2	21.667	Max WS	TR030 TP0.5H	20.45	92.16	94.17	94.12	94.66	0.023721	3.10	6.61	6.16	0.95
SanDonato_2	21.667	Max WS	TR030 TP01H	21.26	92.16	94.20	94.16	94.70	0.023922	3.13	6.78	6.24	0.96
SanDonato_2	21.667	Max WS	TR030 TP02H	20.63	92.16	94.18	94.13	94.67	0.023554	3.09	6.67	6.20	0.95
SanDonato_2	21.667	Max WS	TR030 TP03H	18.76	92.16	94.12		94.57	0.022350	2.97	6.31	5.97	0.92
SanDonato_2	21.667	Max WS	TR030 TP04H	16.99	92.16	94.05		94.47	0.021683	2.88	5.90	5.69	0.90
SanDonato_2	21.667	Max WS	TR030 TP06H	13.98	92.16	93.89		94.28	0.021538	2.79	5.01	4.99	0.89
SanDonato_2	21.667	Max WS	TR030 TP08H	12.00	92.16	93.77		94.14	0.021551	2.69	4.46	4.68	0.88
SanDonato_2	20	Max WS	TR200 TP03H	21.57	91.88	94.05		94.47	0.019197	2.88	7.50	7.00	0.86
SanDonato_2	20	Max WS	TR200 TP01H	23.01	91.88	94.03	93.96	94.53	0.022770	3.12	7.37	6.76	0.94
SanDonato_2	20	Max WS	TR200 TP02H	21.95	91.88	94.06		94.49	0.019379	2.90	7.58	7.15	0.87
SanDonato_2	20	Max WS	TR200 TP0.5H	22.86	91.88	94.00	93.95	94.52	0.02381				

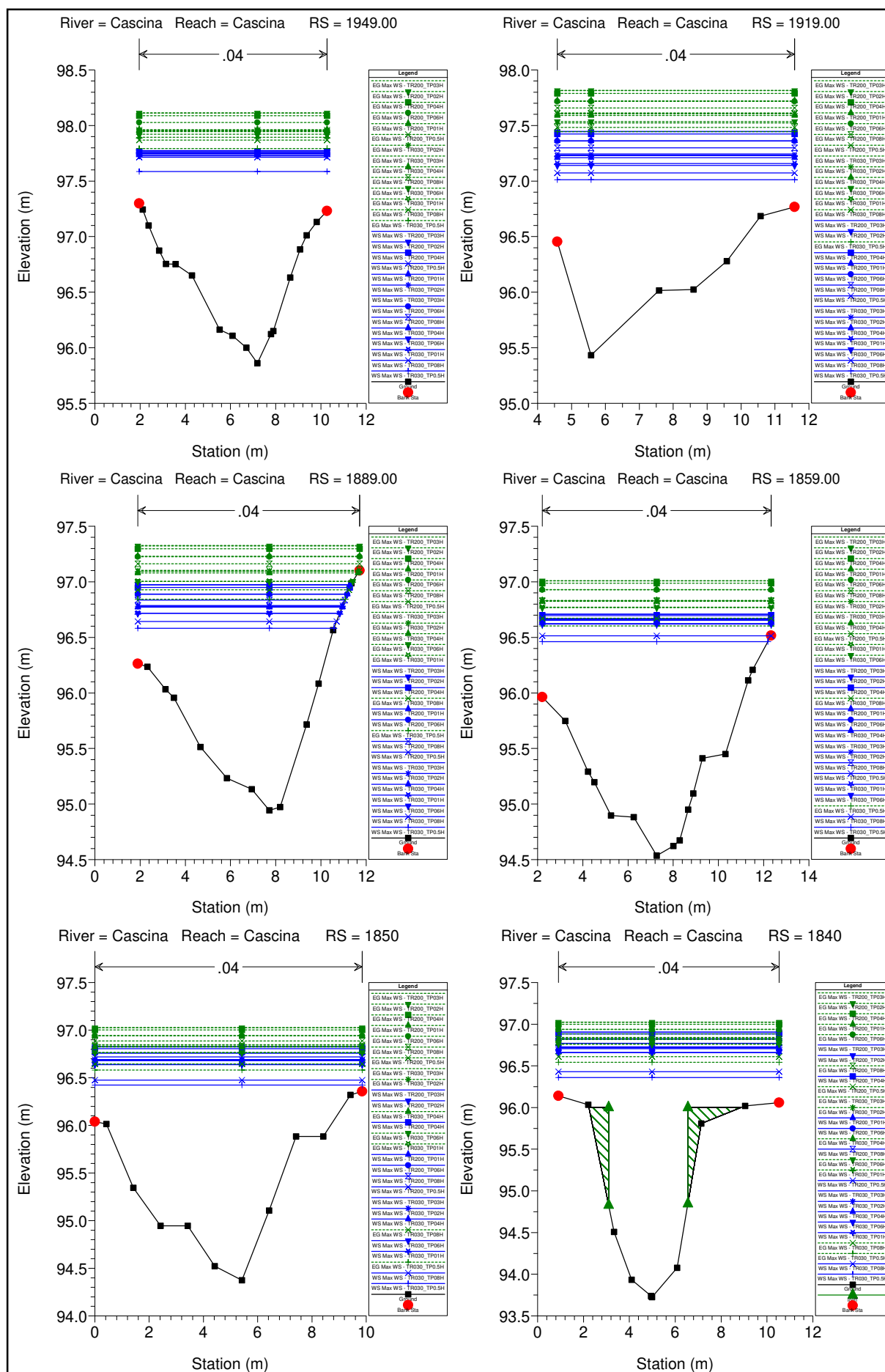
HEC-RAS Profile: Max WS (Continued)

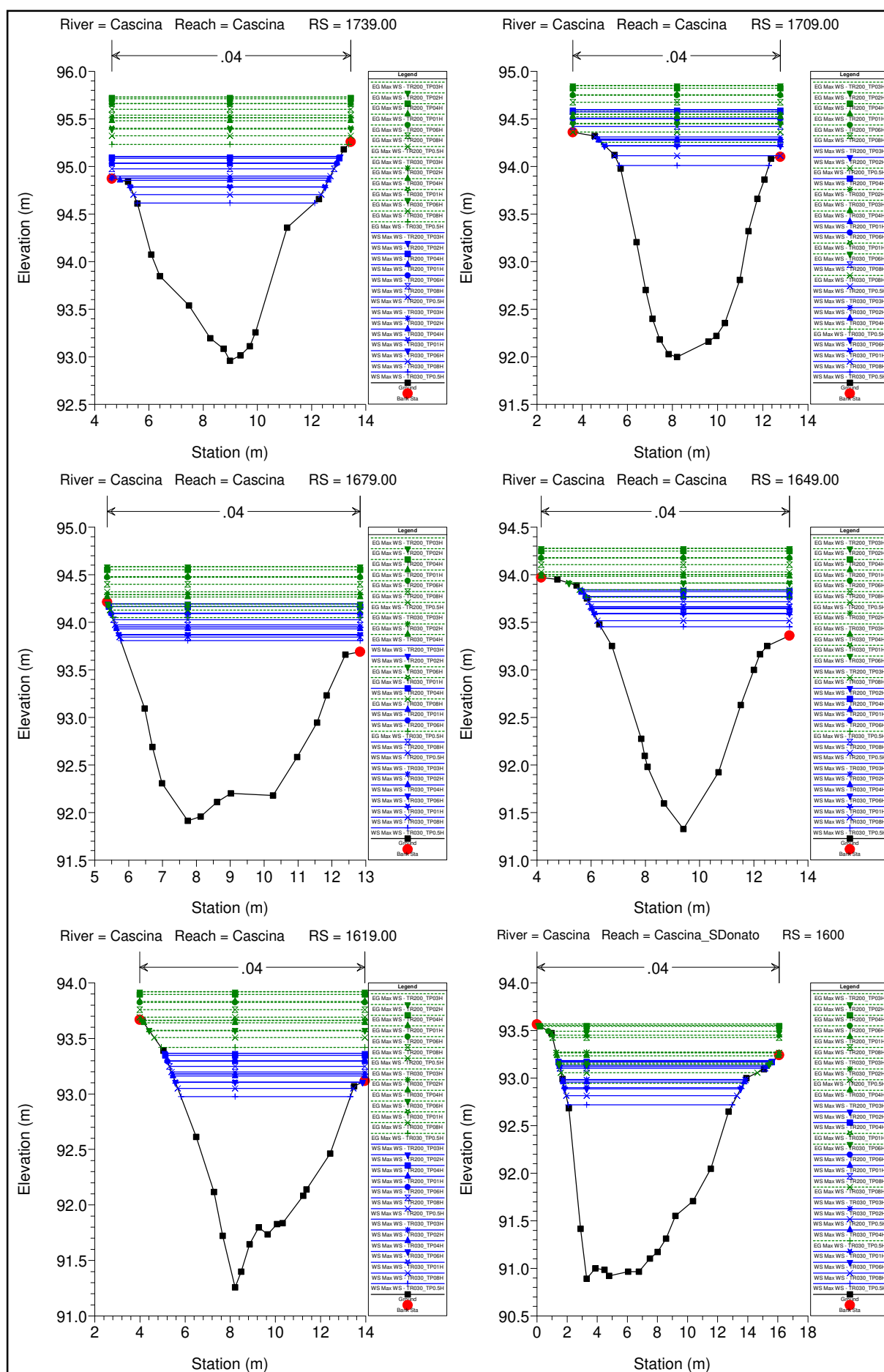
Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
SanDonato_2	20	Max WS	TR200_TP06H	20.12	91.88	93.89		94.38	0.023450	3.08	6.53	5.94	0.94
SanDonato_2	20	Max WS	TR200_TP08H	19.09	91.88	93.81	93.77	94.32	0.025327	3.15	6.05	5.60	0.97
SanDonato_2	20	Max WS	TR030_TP0.5H	20.23	91.88	93.85	93.83	94.38	0.026420	3.24	6.24	5.74	0.99
SanDonato_2	20	Max WS	TR030_TP01H	20.79	91.88	93.88	93.86	94.41	0.025693	3.22	6.46	5.89	0.98
SanDonato_2	20	Max WS	TR030_TP02H	20.36	91.88	93.86	93.84	94.39	0.025992	3.22	6.32	5.79	0.99
SanDonato_2	20	Max WS	TR030_TP03H	18.98	91.88	93.79	93.76	94.31	0.025917	3.21	5.92	5.41	0.98
SanDonato_2	20	Max WS	TR030_TP04H	17.06	91.88	93.70	93.66	94.20	0.025734	3.14	5.44	5.08	0.97
SanDonato_2	20	Max WS	TR030_TP06H	14.02	91.88	93.53	93.50	94.00	0.026398	3.03	4.62	4.62	0.97
SanDonato_2	20	Max WS	TR030_TP08H	12.05	91.88	93.41	93.38	93.85	0.026670	2.93	4.11	4.34	0.96
SanDonato_2	10	Max WS	TR200_TP03H	22.05	91.64	93.85		94.17	0.014966	2.51	8.77	7.82	0.76
SanDonato_2	10	Max WS	TR200_TP01H	21.65	91.64	93.75		94.12	0.015984	2.69	8.05	6.62	0.78
SanDonato_2	10	Max WS	TR200_TP02H	22.42	91.64	93.87		94.19	0.014834	2.51	8.94	7.96	0.76
SanDonato_2	10	Max WS	TR200_TP0.5H	23.79	91.64	93.69		94.18	0.020022	3.08	7.71	5.99	0.87
SanDonato_2	10	Max WS	TR200_TP04H	21.96	91.64	93.79		94.14	0.015773	2.63	8.36	7.14	0.77
SanDonato_2	10	Max WS	TR200_TP06H	20.56	91.64	93.65		94.04	0.015853	2.76	7.44	5.68	0.77
SanDonato_2	10	Max WS	TR200_TP08H	19.26	91.64	93.55		93.95	0.017022	2.79	6.90	5.51	0.80
SanDonato_2	10	Max WS	TR030_TP0.5H	20.46	91.64	93.52		93.99	0.020314	3.03	6.76	5.46	0.87
SanDonato_2	10	Max WS	TR030_TP01H	20.87	91.64	93.57		94.02	0.019046	2.97	7.03	5.55	0.84
SanDonato_2	10	Max WS	TR030_TP02H	20.24	91.64	93.55		93.99	0.018956	2.94	6.88	5.50	0.84
SanDonato_2	10	Max WS	TR030_TP03H	18.36	91.64	93.52		93.90	0.016639	2.73	6.72	5.45	0.79
SanDonato_2	10	Max WS	TR030_TP04H	17.02	91.64	93.45		93.82	0.016489	2.67	6.37	5.34	0.78
SanDonato_2	10	Max WS	TR030_TP06H	13.97	91.64	93.29		93.62	0.016366	2.53	5.53	5.05	0.77
SanDonato_2	10	Max WS	TR030_TP08H	11.13	91.64	93.19		93.44	0.013383	2.21	5.03	4.87	0.70
SanDonato_2	5	Max WS	TR200_TP03H	20.42	91.35	93.49		93.80	0.012467	2.46	8.29	6.74	0.71
SanDonato_2	5	Max WS	TR200_TP01H	25.45	91.35	93.37	93.36	93.96	0.024988	3.40	7.49	6.29	0.99
SanDonato_2	5	Max WS	TR200_TP02H	20.32	91.35	93.47		93.79	0.012896	2.49	8.15	6.66	0.72
SanDonato_2	5	Max WS	TR200_TP0.5H	24.78	91.35	93.33	93.33	93.93	0.025408	3.40	7.28	6.16	1.00
SanDonato_2	5	Max WS	TR200_TP04H	19.05	91.35	93.47		93.75	0.011293	2.33	8.16	6.67	0.67
SanDonato_2	5	Max WS	TR200_TP06H	18.77	91.35	93.41		93.71	0.012353	2.41	7.79	6.47	0.70
SanDonato_2	5	Max WS	TR200_TP08H	17.54	91.35	93.36		93.64	0.012132	2.36	7.42	6.25	0.69
SanDonato_2	5	Max WS	TR030_TP0.5H	20.61	91.35	93.16	93.16	93.72	0.025978	3.29	6.27	5.67	1.00
SanDonato_2	5	Max WS	TR030_TP01H	21.23	91.35	93.21	93.18	93.75	0.024870	3.26	6.52	5.79	0.98
SanDonato_2	5	Max WS	TR030_TP02H	12.58	91.35	93.18		93.38	0.009260	1.97	6.37	5.72	0.60
SanDonato_2	5	Max WS	TR030_TP03H	14.07	91.35	93.21		93.45	0.010897	2.16	6.52	5.80	0.65
SanDonato_2	5	Max WS	TR030_TP04H	12.81	91.35	93.19		93.39	0.009391	1.99	6.43	5.75	0.60
SanDonato_2	5	Max WS	TR030_TP06H	11.81	91.35	93.12		93.31	0.009521	1.97	6.01	5.55	0.60
SanDonato_2	5	Max WS	TR030_TP08H	10.60	91.35	93.04		93.23	0.009190	1.89	5.61	5.35	0.59

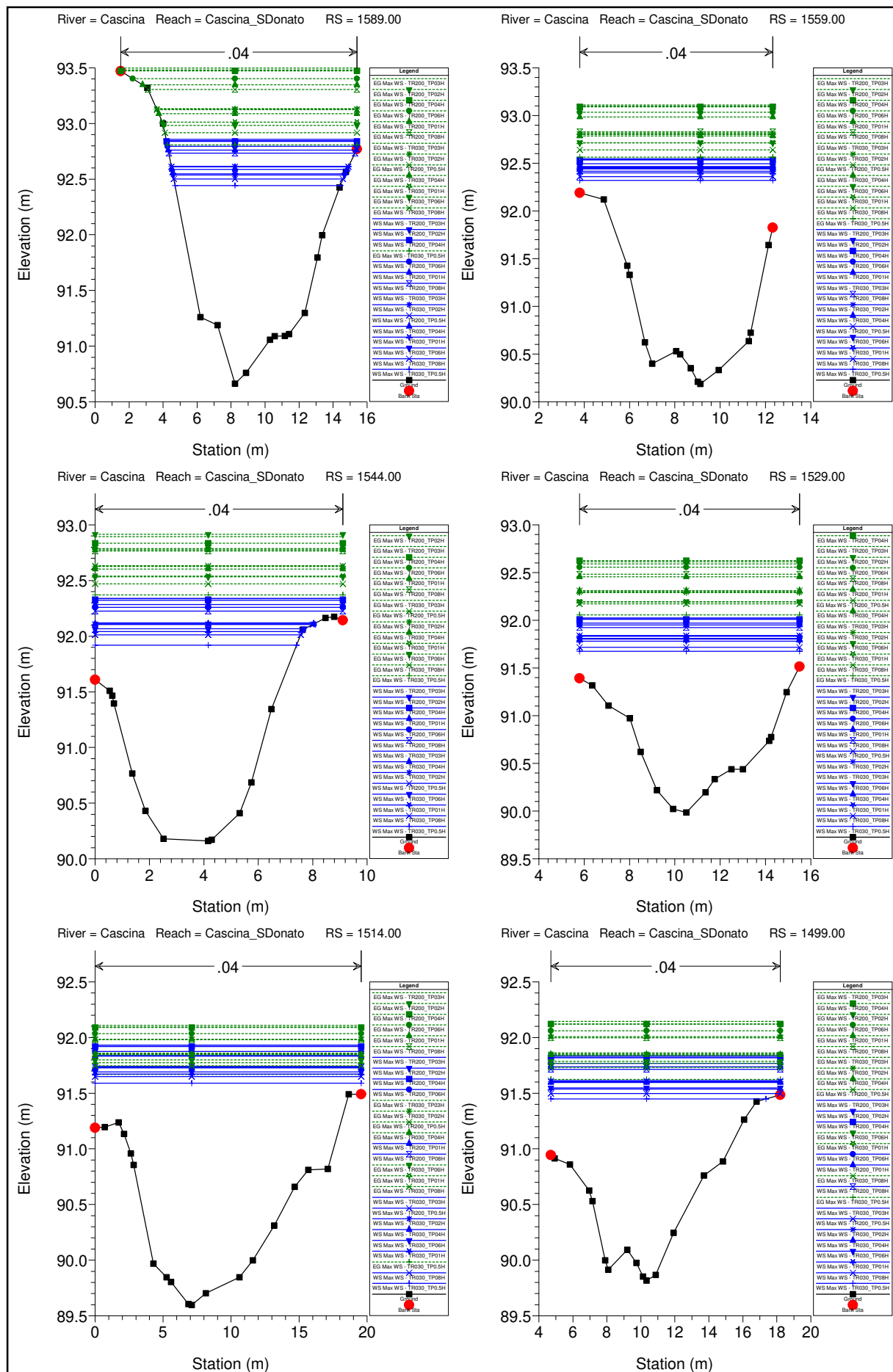


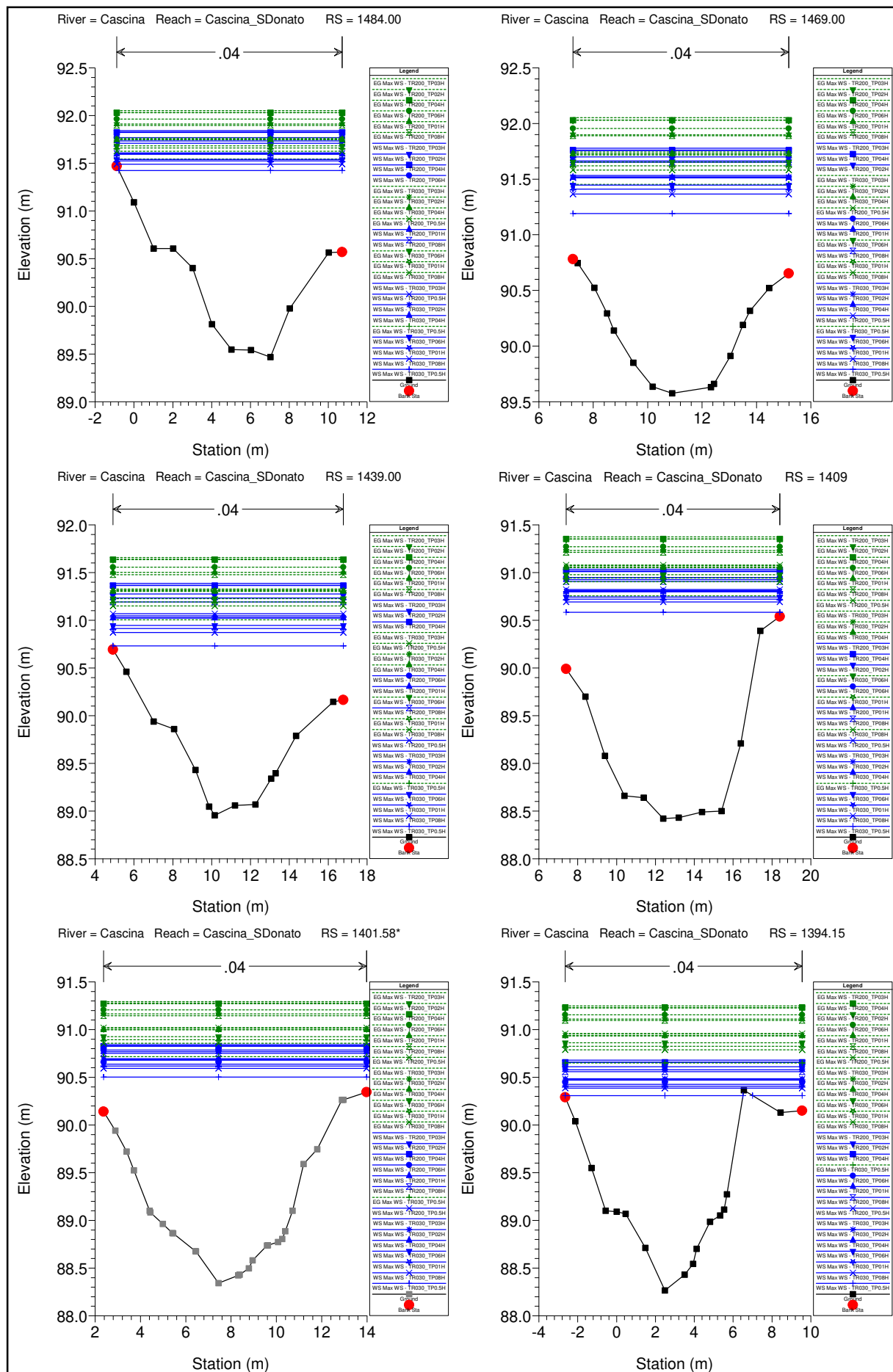


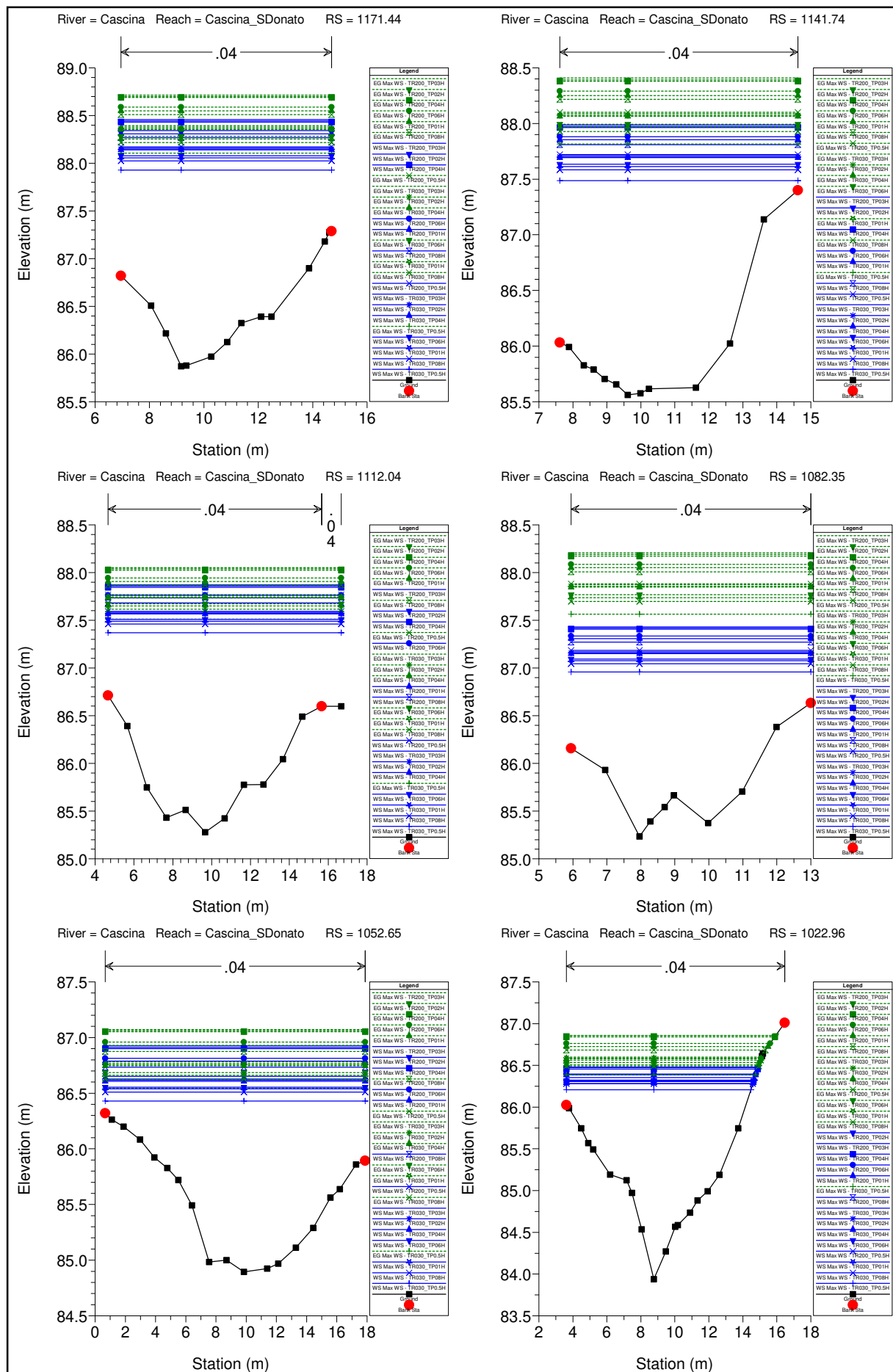


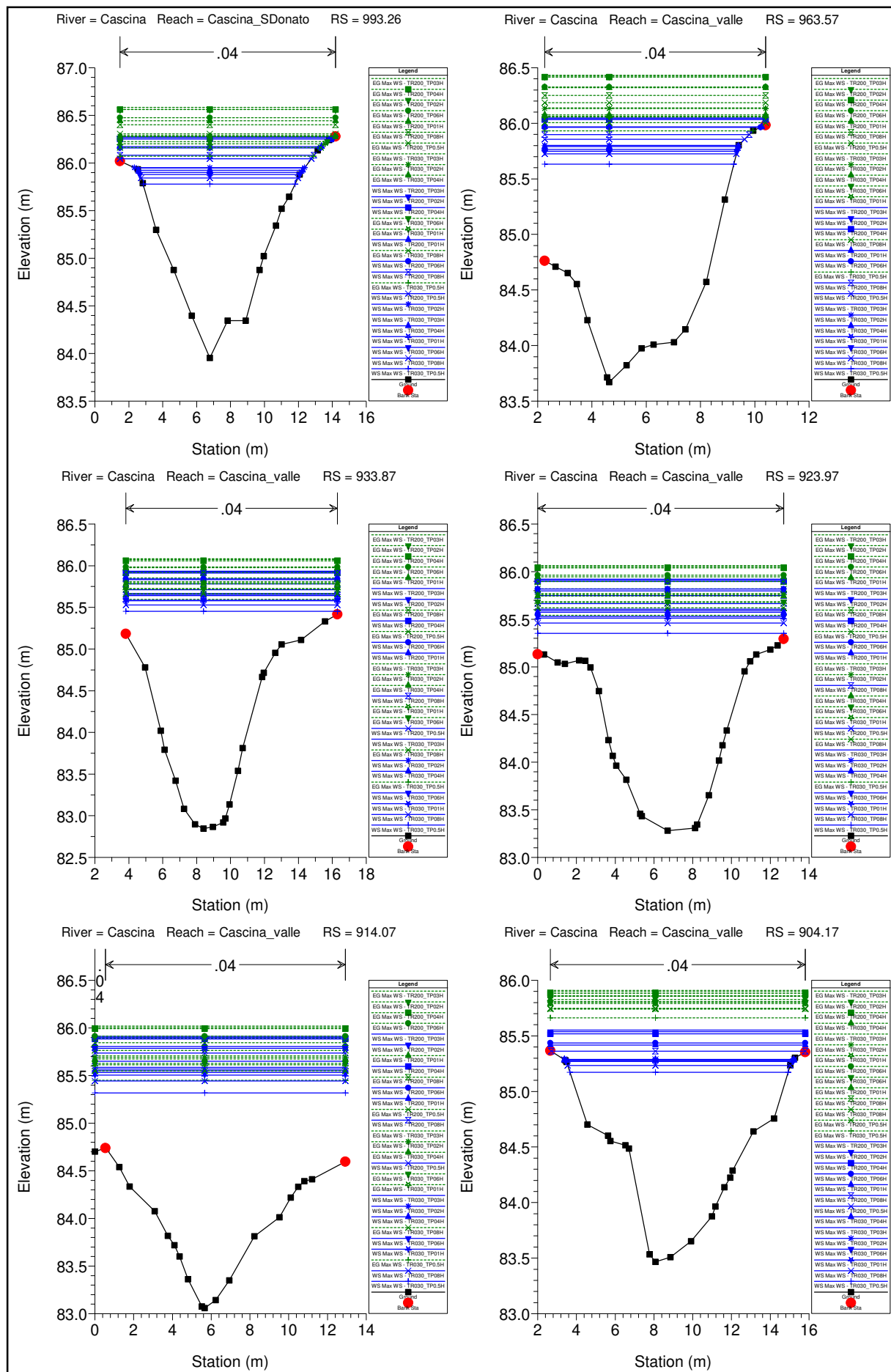


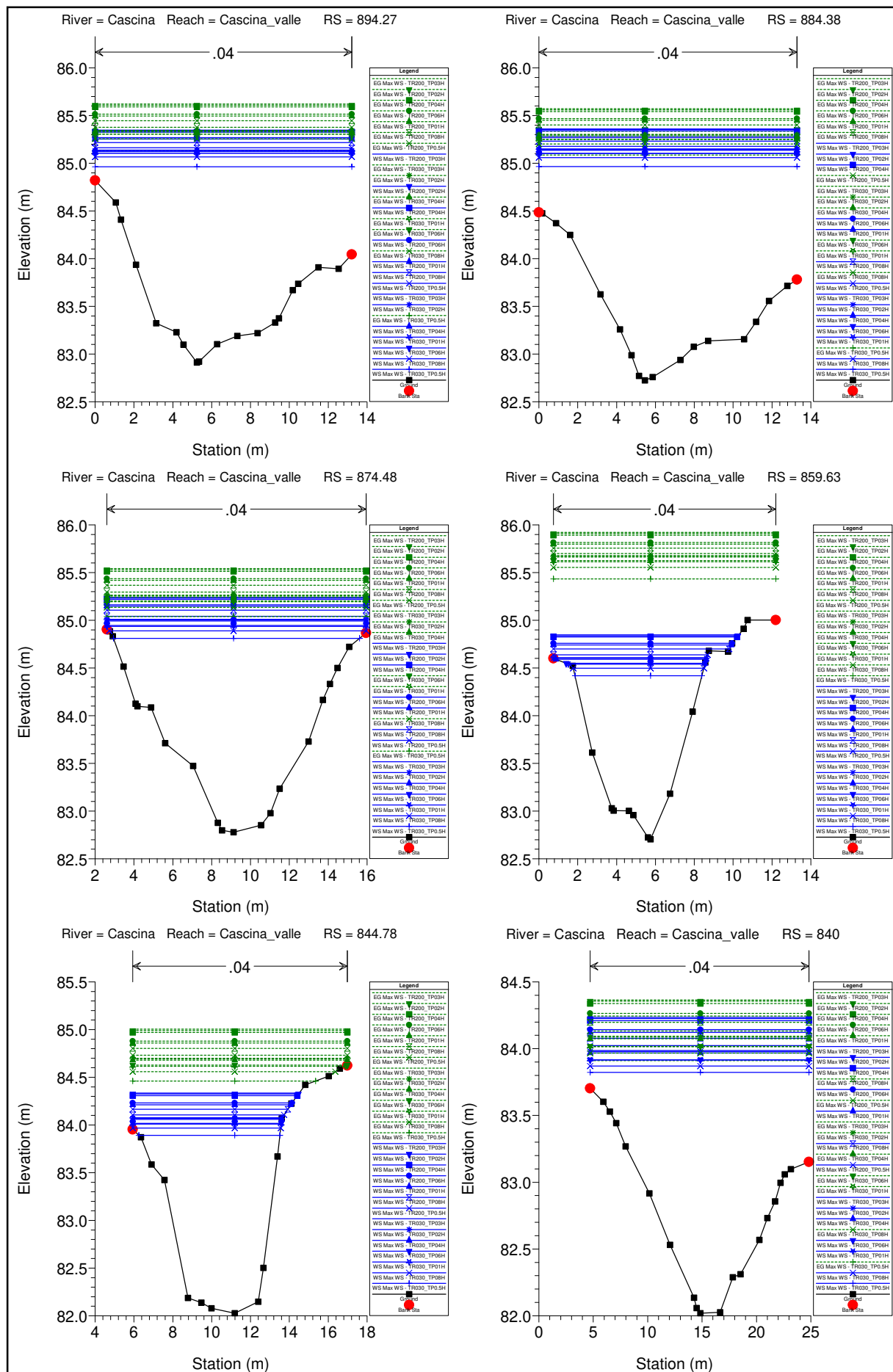


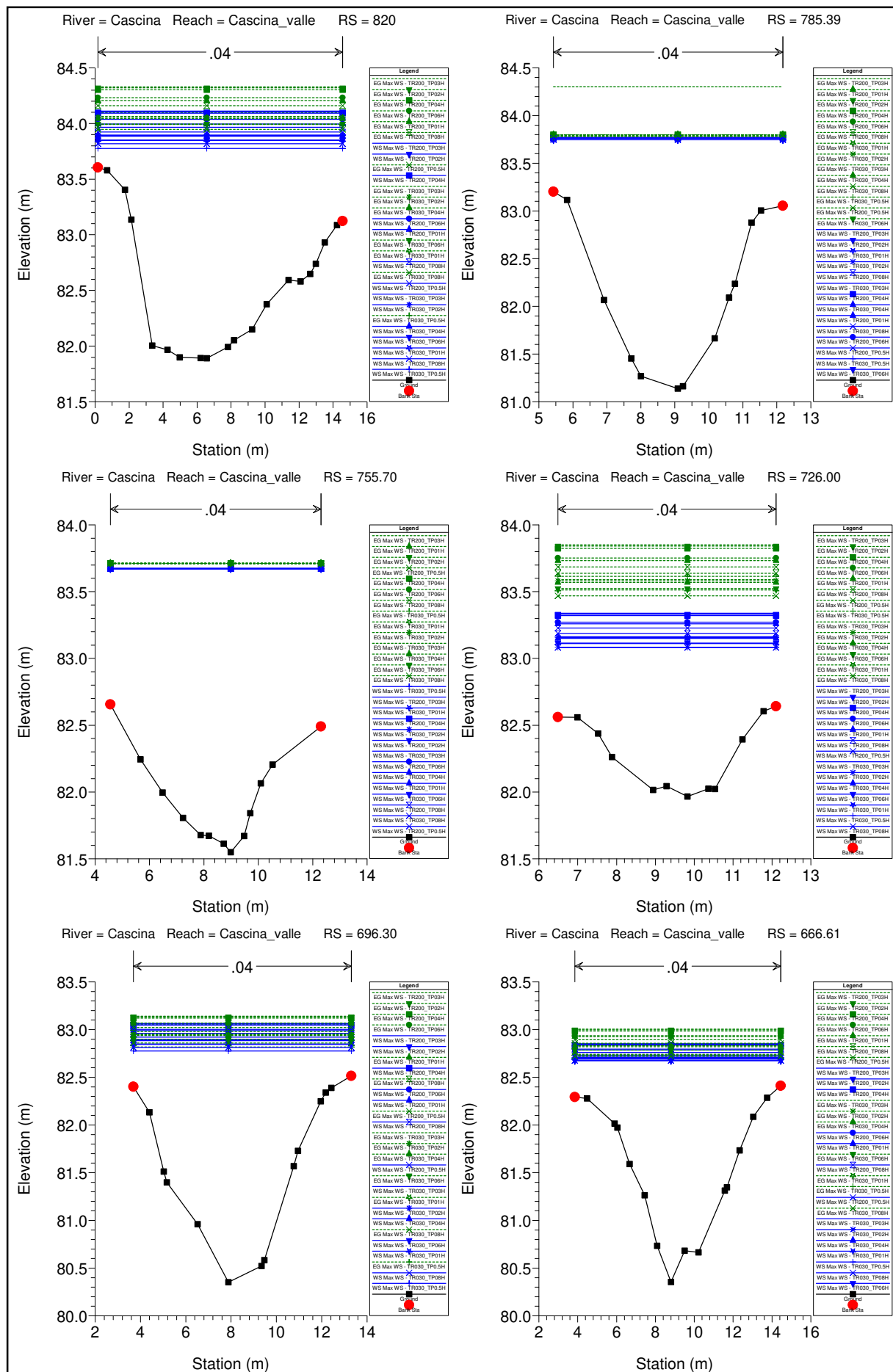


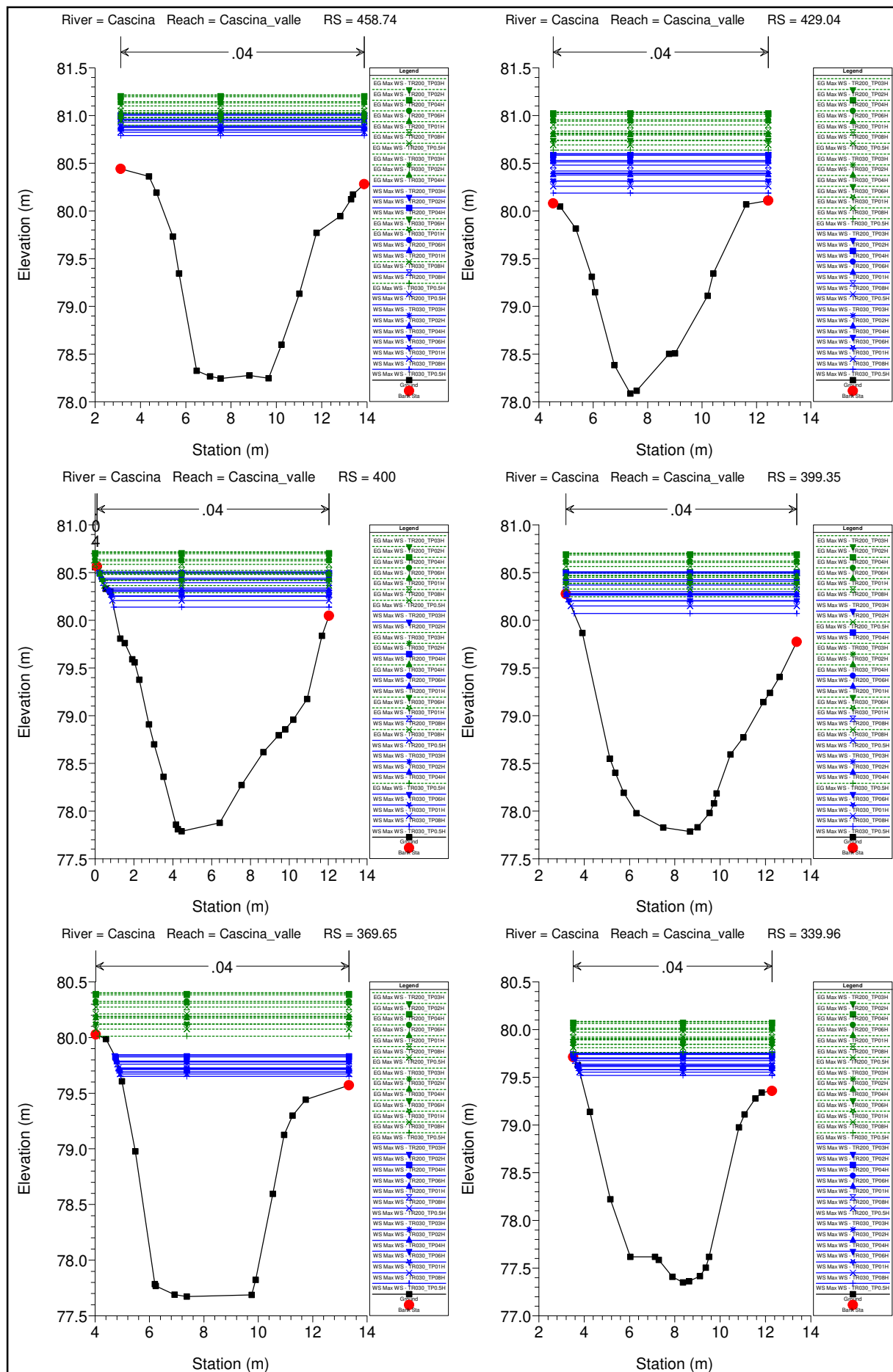


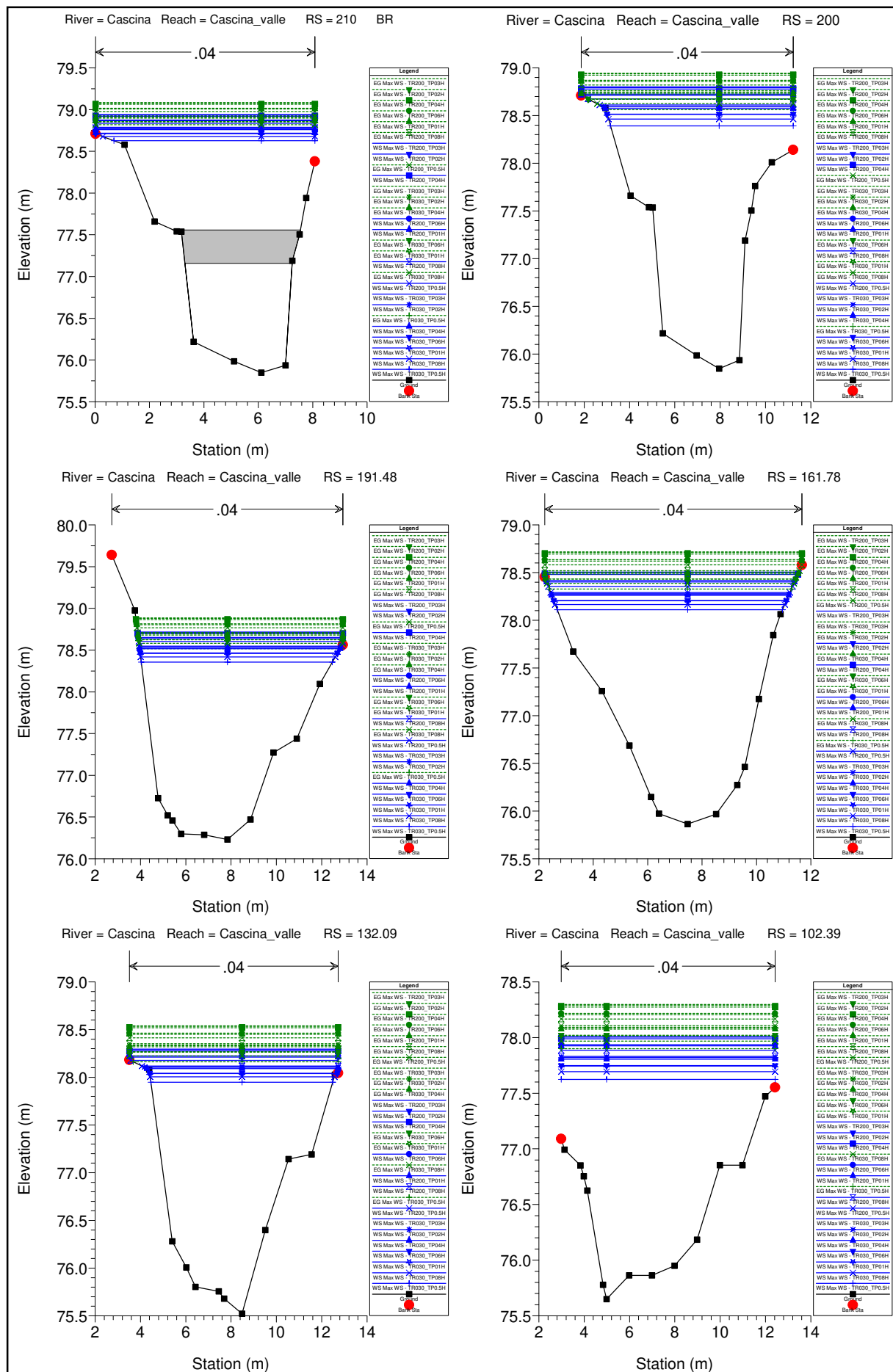


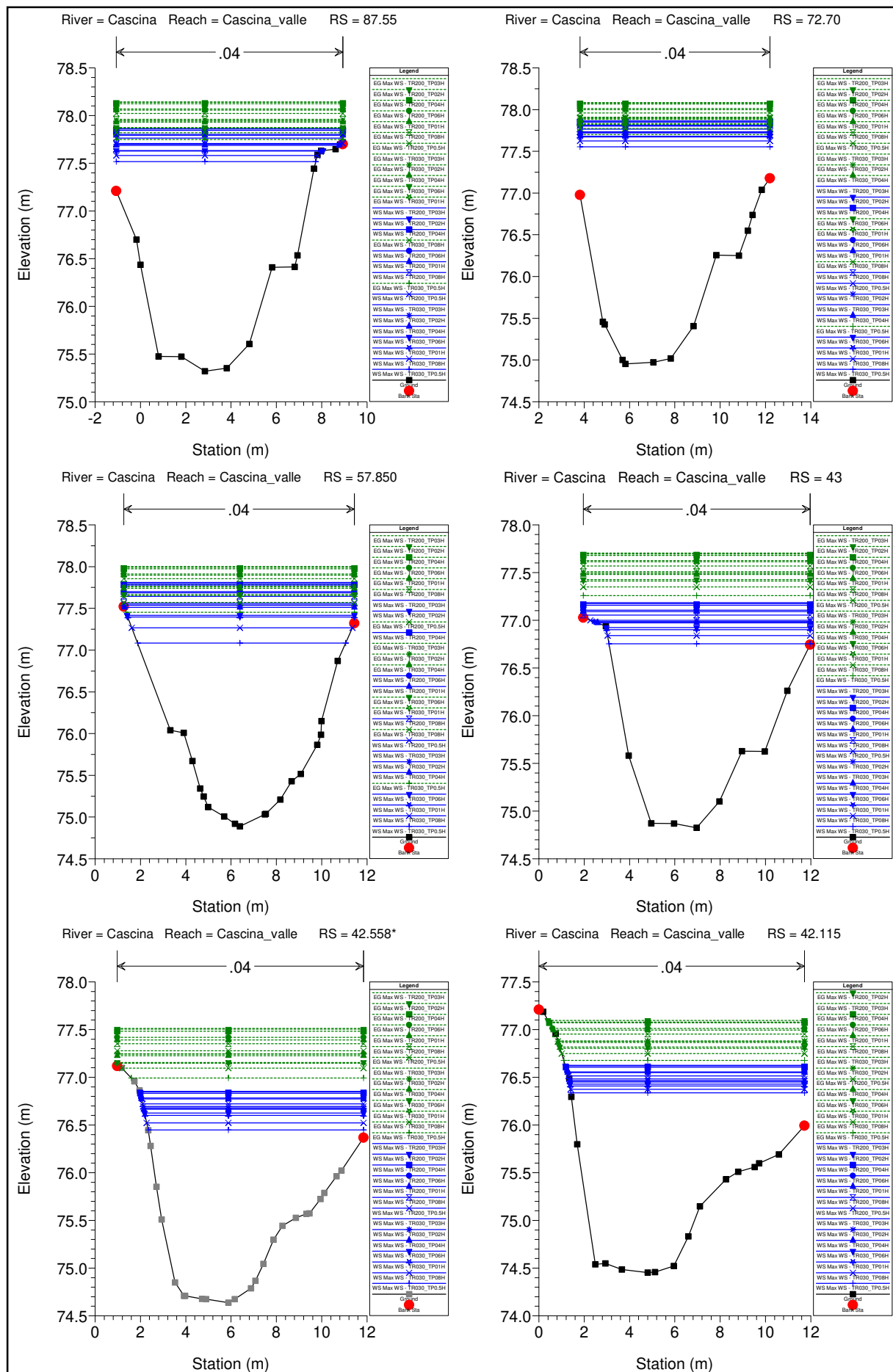


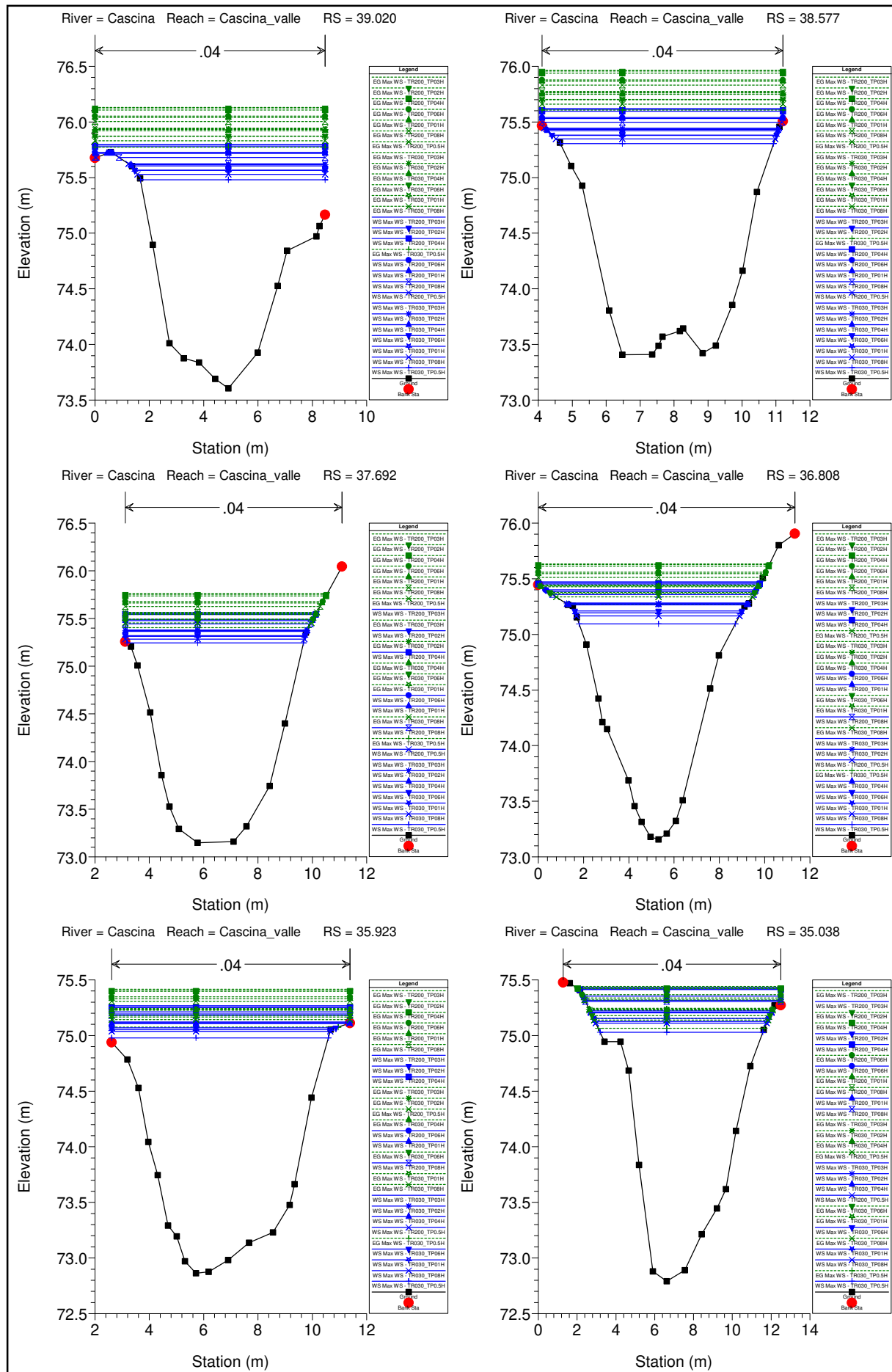


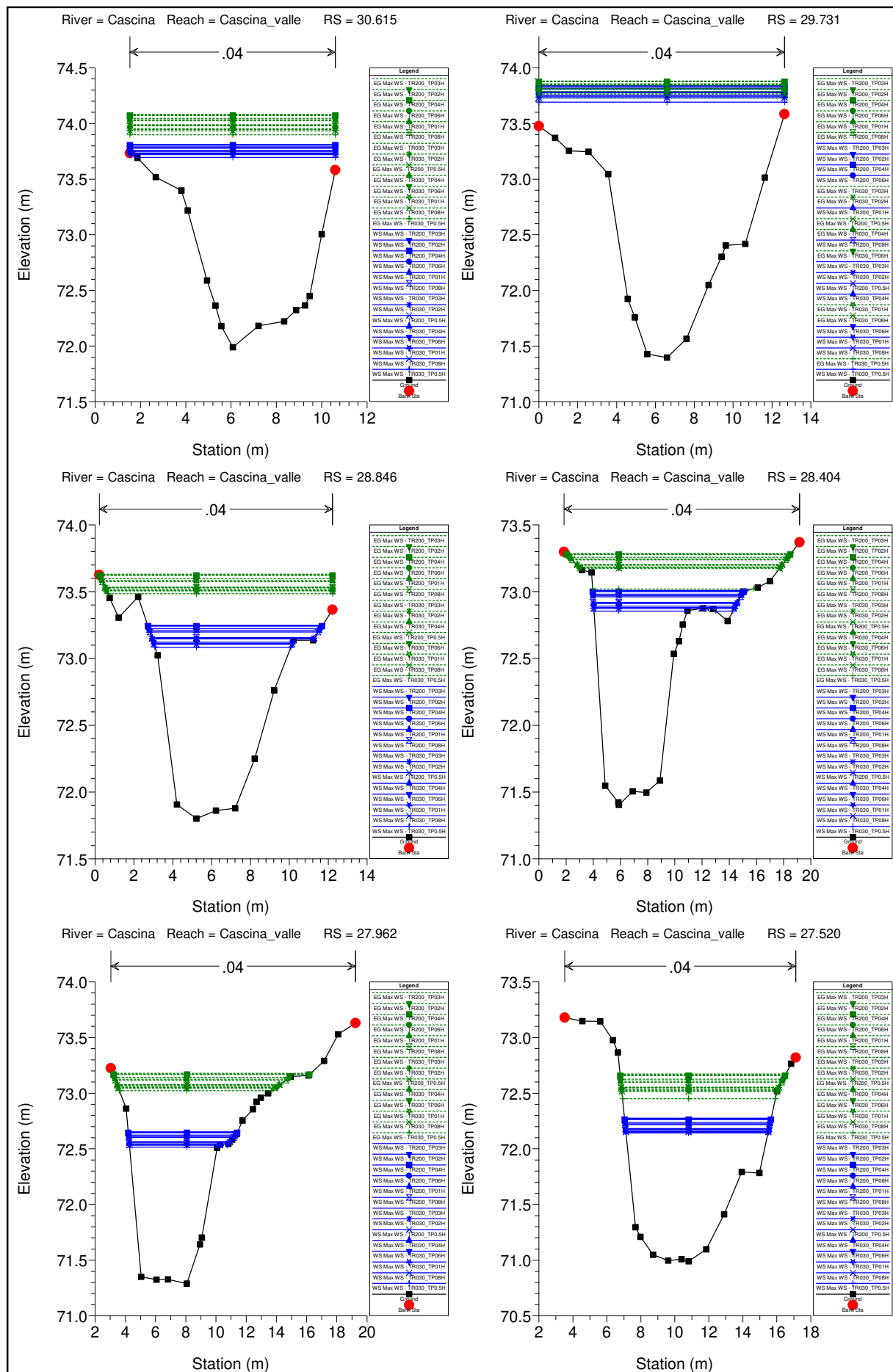


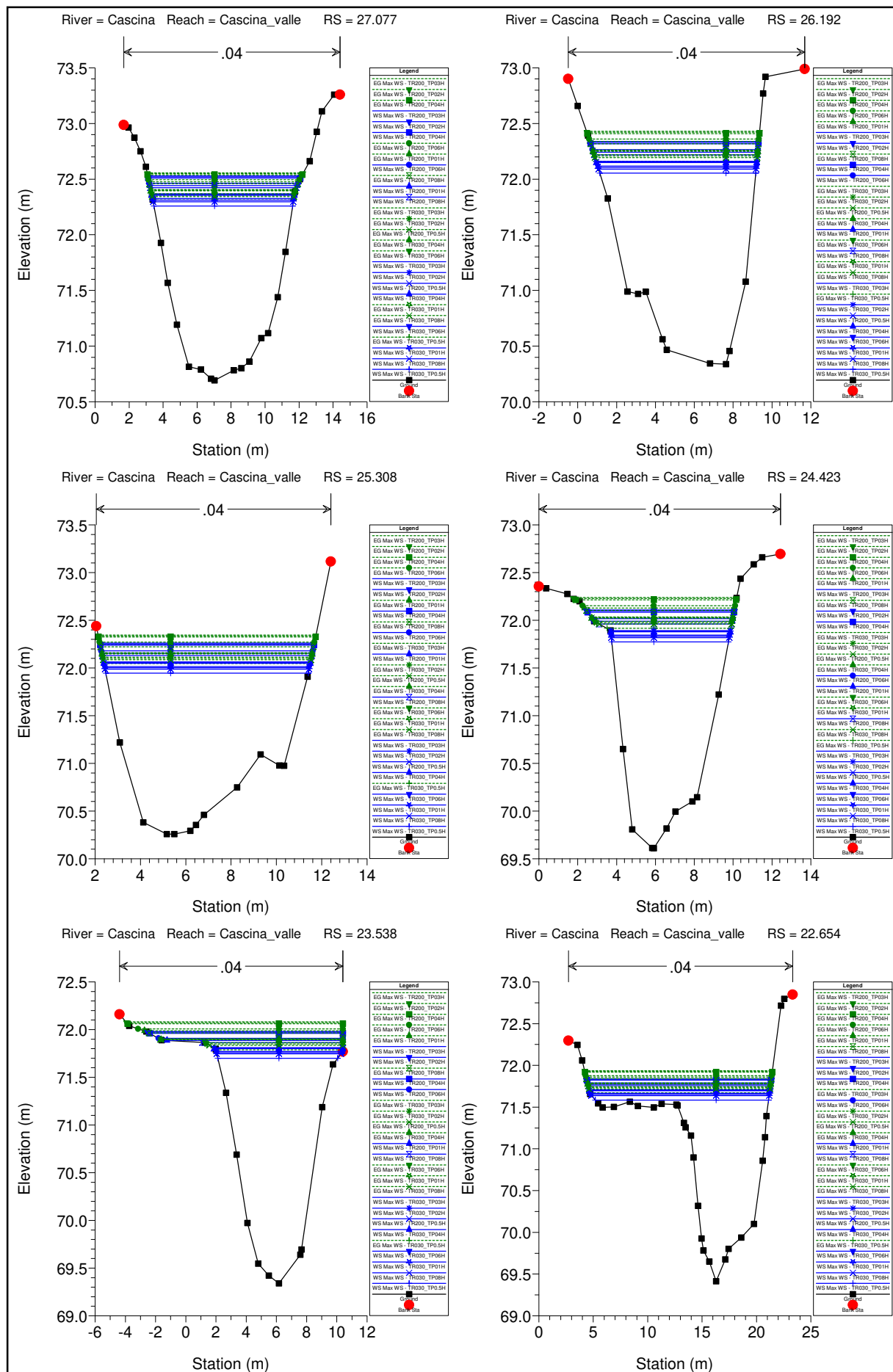


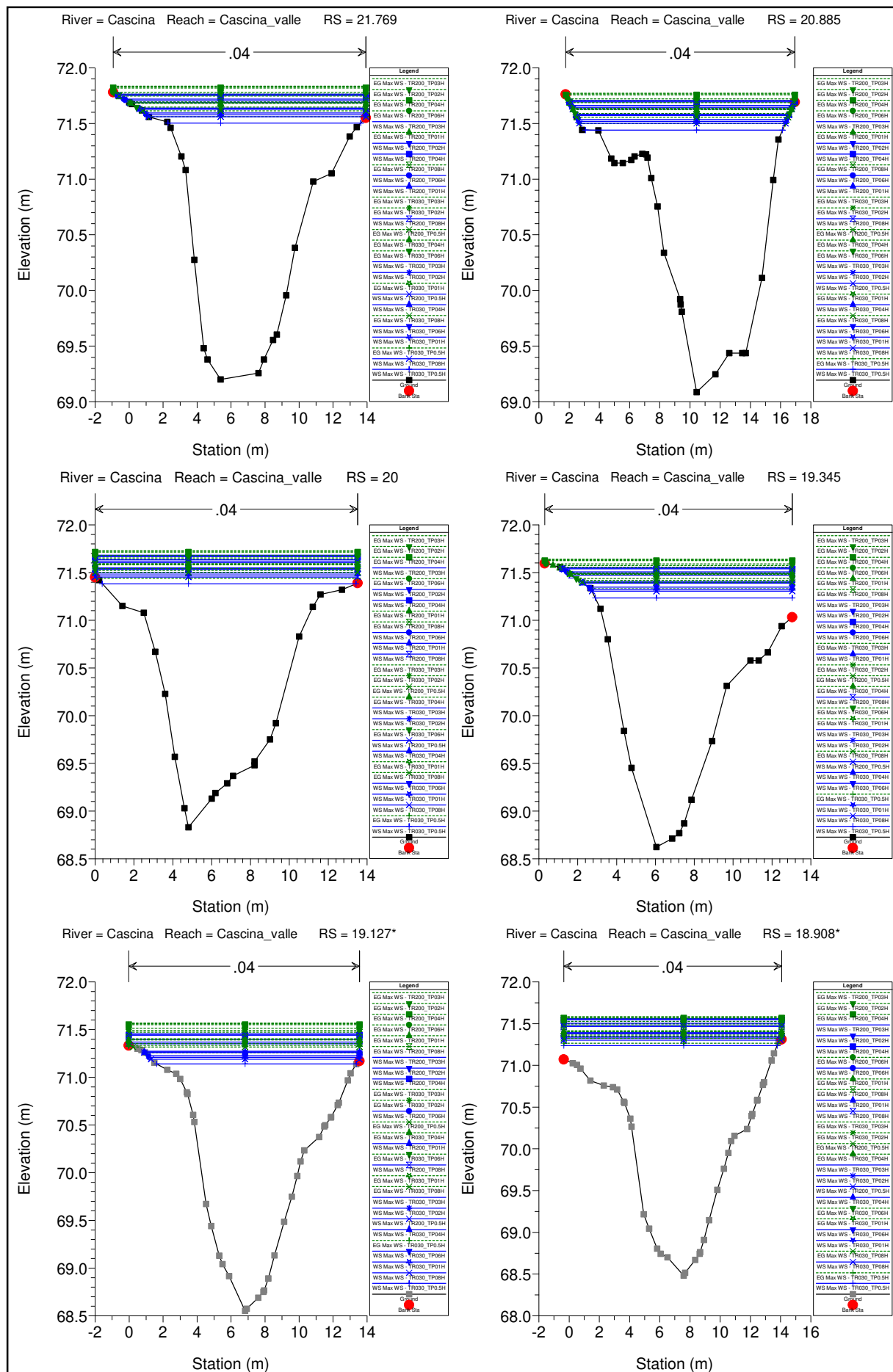


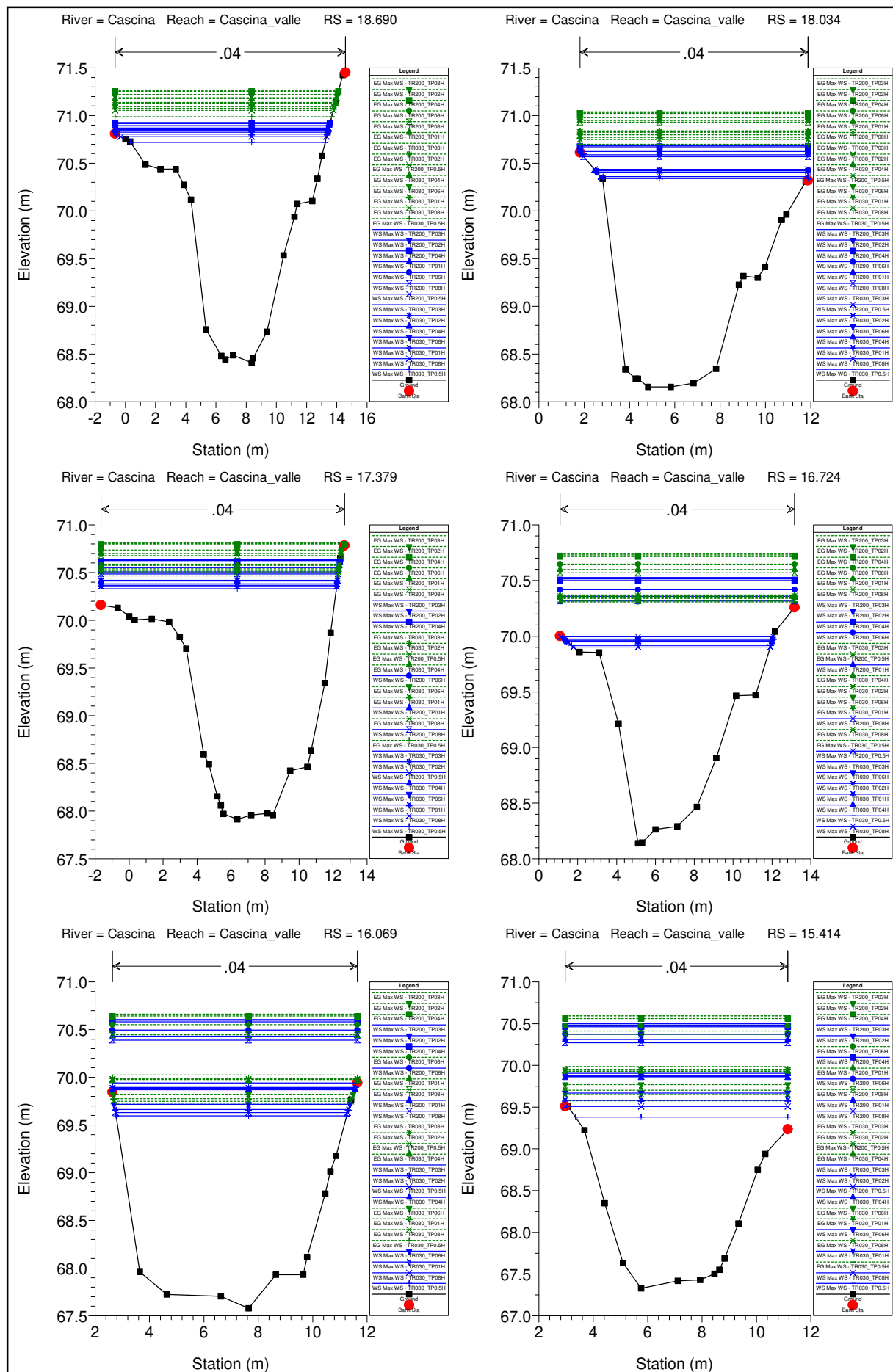


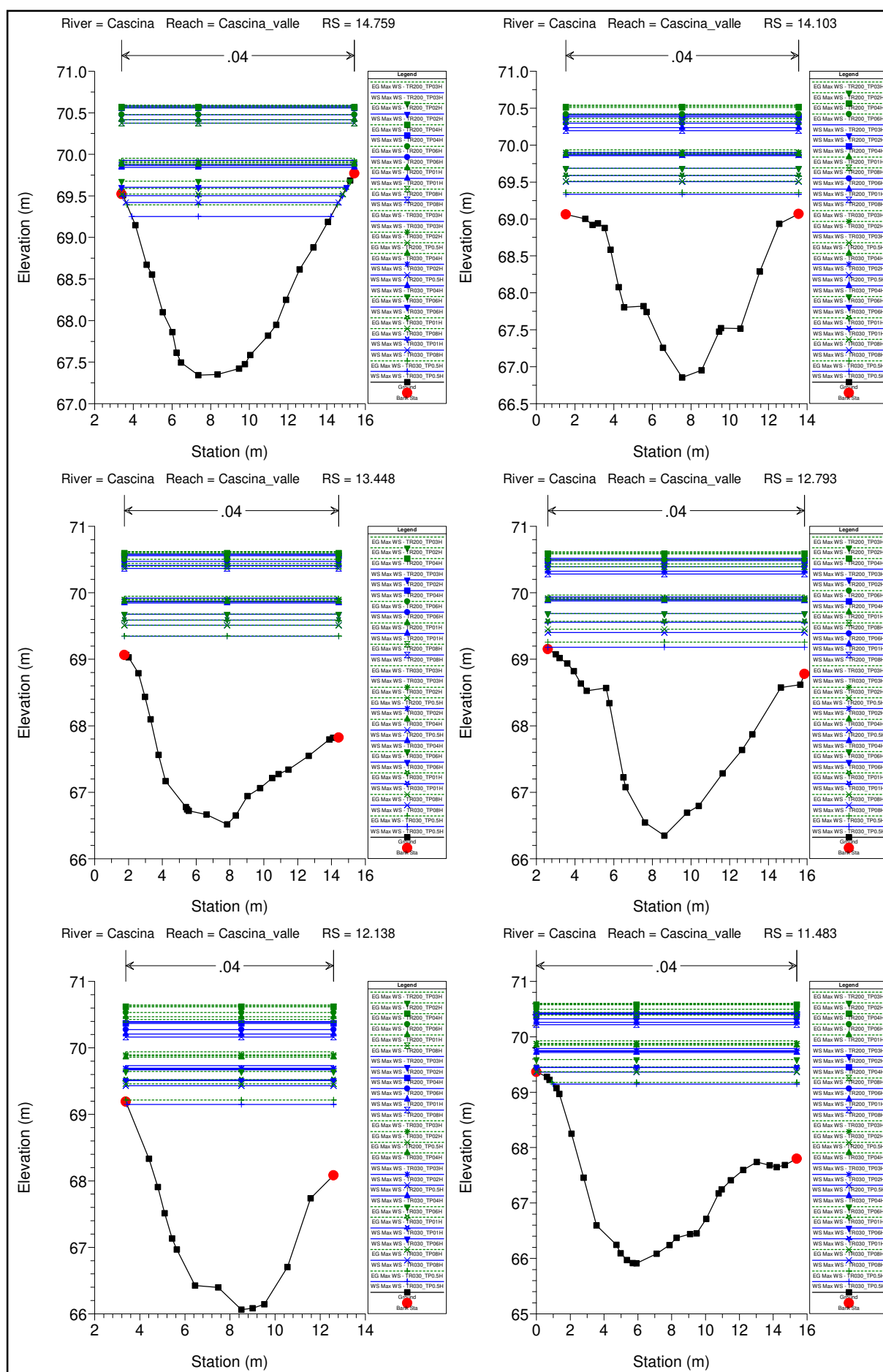


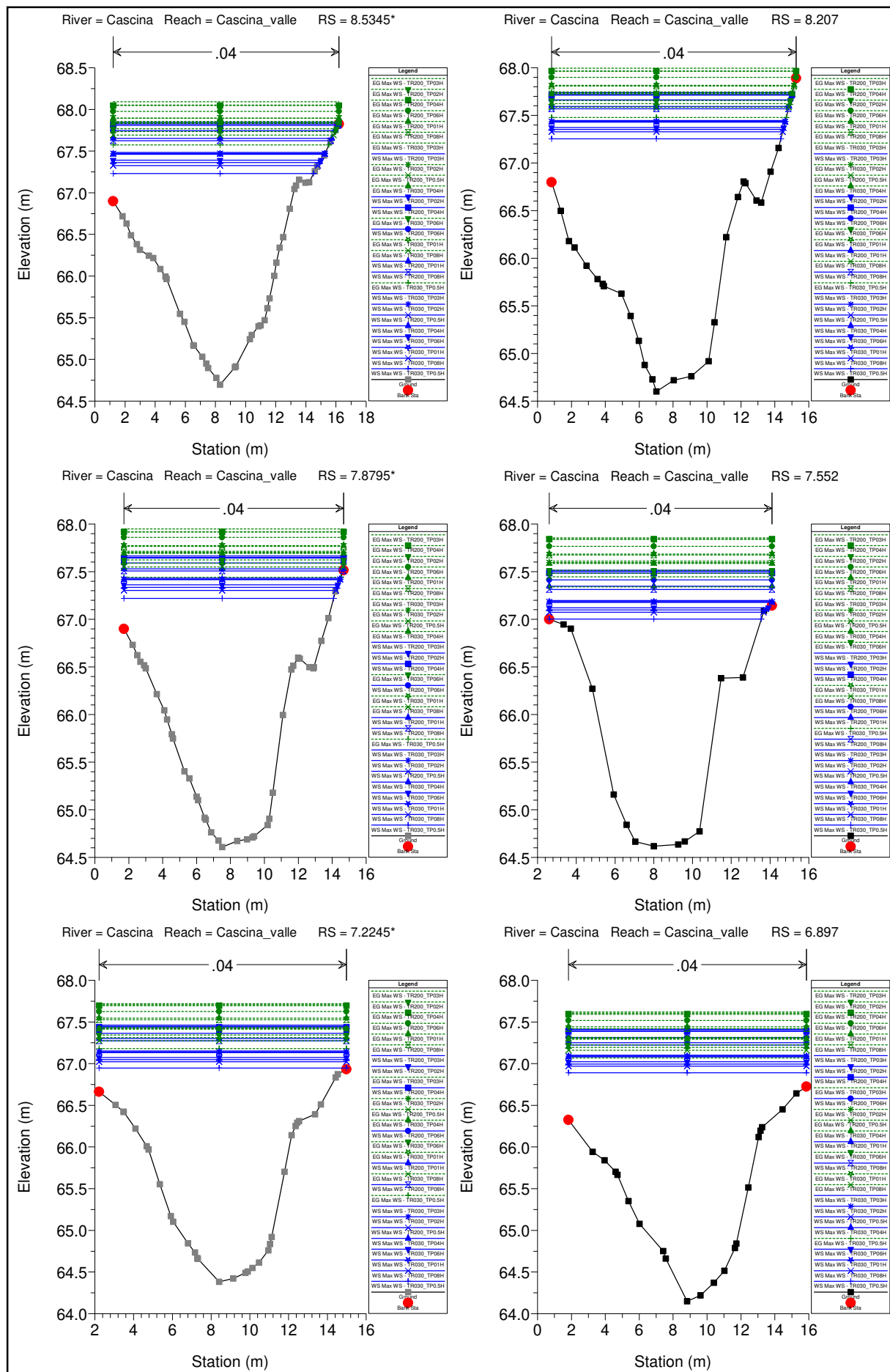


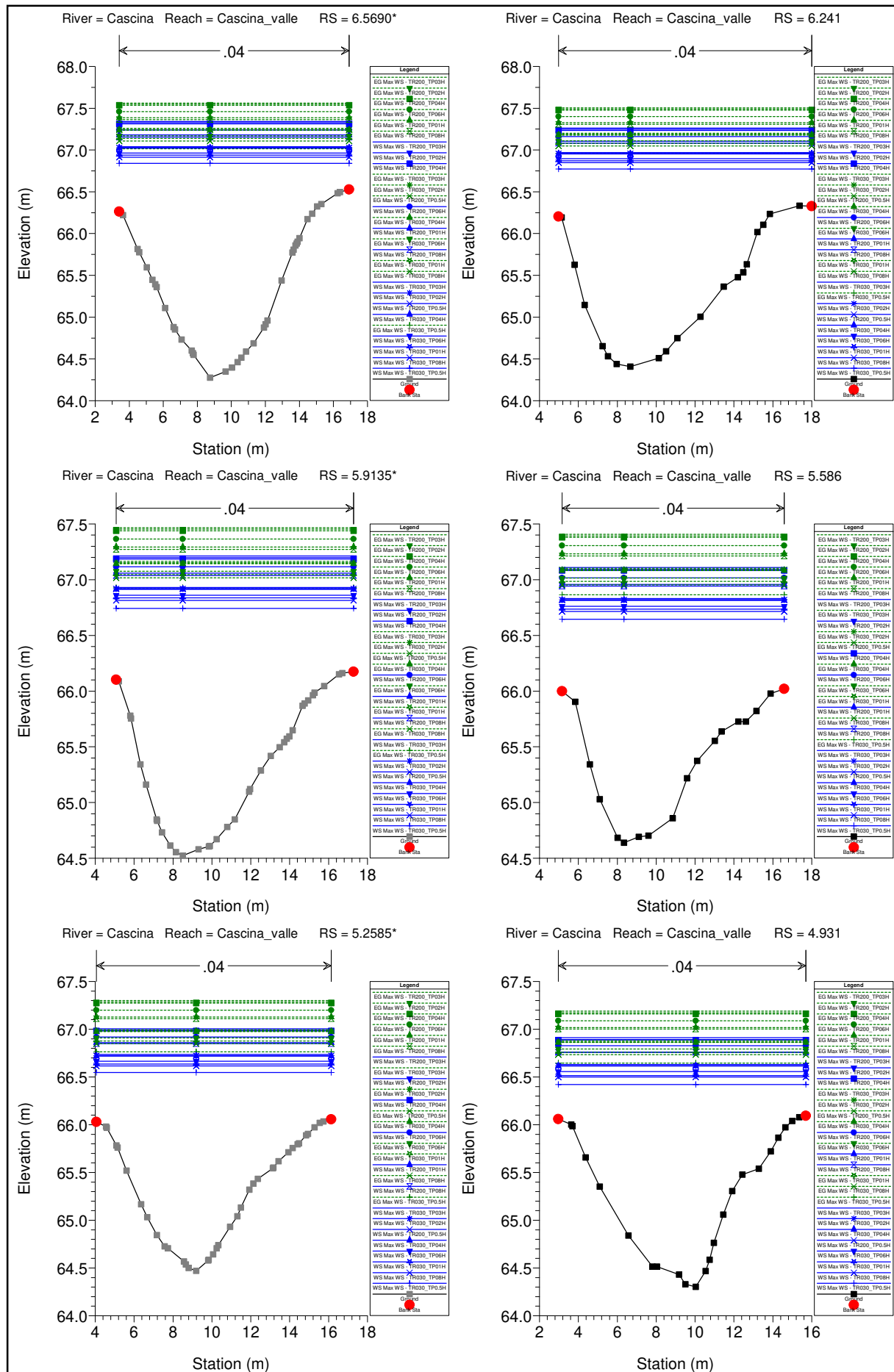


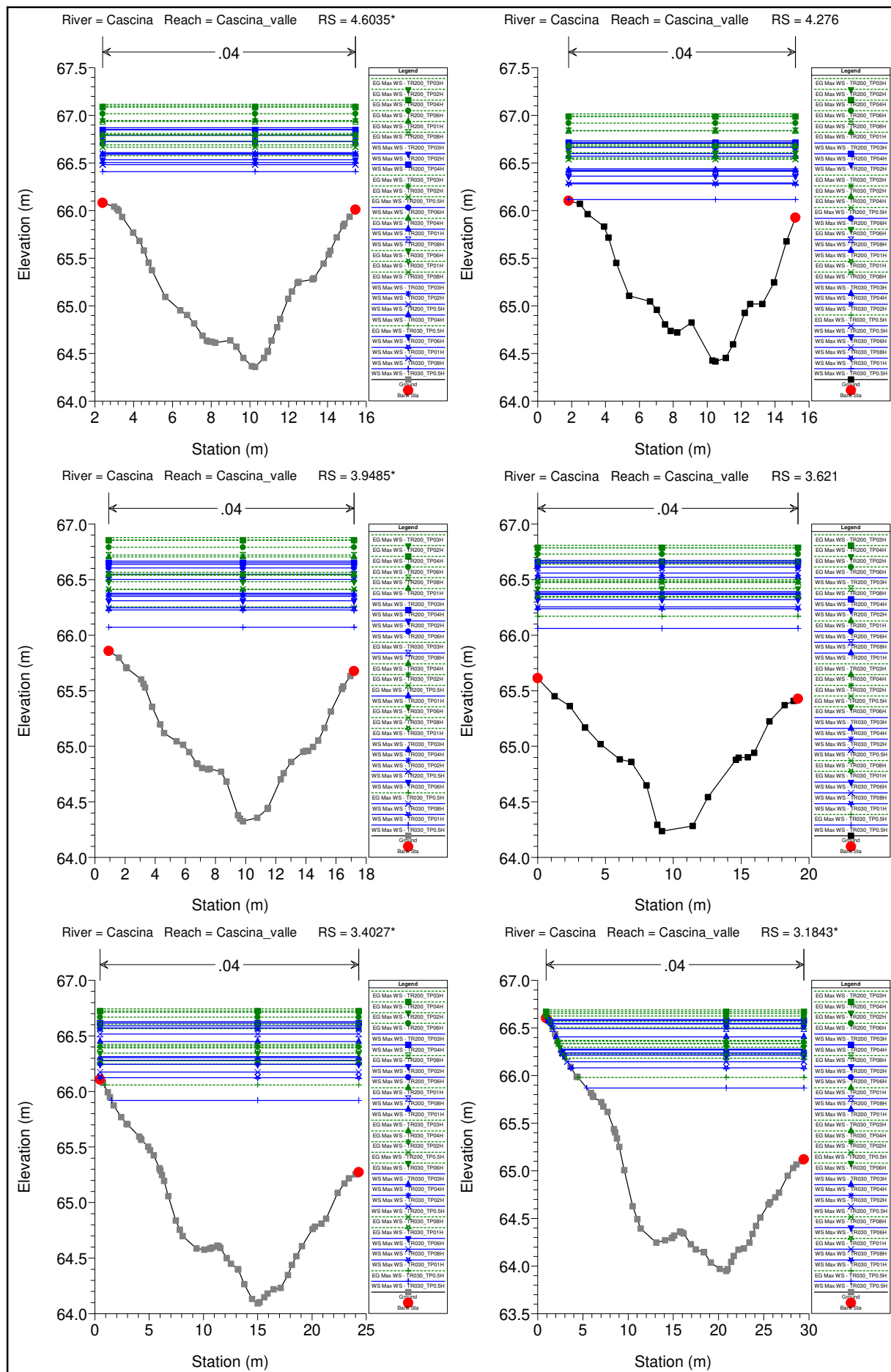












HEC-RAS Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Cascina	2458	Max WS	TR200_TP03H	44.85	102.39	104.64	104.67	105.28	0.019012	3.55	12.62	10.70	1.04
Cascina	2458	Max WS	TR200_TP01H	37.89	102.39	104.53	104.54	105.09	0.018315	3.31	11.45	10.70	1.02
Cascina	2458	Max WS	TR200_TP02H	44.51	102.39	104.63	104.67	105.27	0.018979	3.54	12.57	10.70	1.04
Cascina	2458	Max WS	TR200_TP0.5H	29.34	102.39	104.32	104.31	104.82	0.017289	3.15	9.32	8.99	0.99
Cascina	2458	Max WS	TR200_TP04H	42.91	102.39	104.61	104.64	105.23	0.018832	3.49	12.30	10.70	1.04
Cascina	2458	Max WS	TR200_TP06H	38.11	102.39	104.53	104.55	105.09	0.018352	3.32	11.49	10.70	1.02
Cascina	2458	Max WS	TR200_TP08H	33.93	102.39	104.46	104.47	104.97	0.017895	3.16	10.75	10.70	1.01
Cascina	2458	Max WS	TR030_TP0.5H	18.43	102.39	103.95	103.92	104.37	0.017145	2.88	6.40	6.95	0.96
Cascina	2458	Max WS	TR030_TP01H	23.74	102.39	104.15	104.11	104.61	0.016910	3.01	7.88	7.95	0.97
Cascina	2458	Max WS	TR030_TP02H	27.97	102.39	104.28	104.25	104.77	0.016754	3.10	9.02	8.68	0.97
Cascina	2458	Max WS	TR030_TP03H	28.18	102.39	104.29	104.26	104.78	0.016706	3.10	9.09	8.72	0.97
Cascina	2458	Max WS	TR030_TP04H	26.99	102.39	104.26	104.23	104.74	0.016569	3.06	8.81	8.55	0.96
Cascina	2458	Max WS	TR030_TP06H	23.97	102.39	104.16	104.12	104.62	0.016845	3.01	7.96	8.00	0.96
Cascina	2458	Max WS	TR030_TP08H	21.34	102.39	104.06	104.03	104.51	0.017254	2.97	7.18	7.50	0.97
Cascina	2457.99			Lat Struct									
Cascina	2457.98			Lat Struct									
Cascina	2443.04	Max WS	TR200_TP03H	43.99	102.13	104.36		104.90	0.014188	3.26	13.51	10.40	0.91
Cascina	2443.04	Max WS	TR200_TP01H	37.54	102.13	104.26		104.72	0.012934	3.00	12.53	10.33	0.87
Cascina	2443.04	Max WS	TR200_TP02H	43.68	102.13	104.35		104.89	0.014142	3.25	13.46	10.40	0.91
Cascina	2443.04	Max WS	TR200_TP0.5H	29.33	102.13	104.11		104.47	0.011868	2.69	10.91	10.08	0.82
Cascina	2443.04	Max WS	TR200_TP04H	42.22	102.13	104.33		104.85	0.013899	3.19	13.24	10.40	0.90
Cascina	2443.04	Max WS	TR200_TP06H	37.75	102.13	104.27		104.73	0.012982	3.01	12.56	10.33	0.87
Cascina	2443.04	Max WS	TR200_TP08H	33.53	102.13	104.21		104.61	0.011681	2.79	12.01	10.25	0.82
Cascina	2443.04	Max WS	TR030_TP0.5H	18.43	102.13	103.79		104.07	0.012415	2.36	7.81	9.26	0.82
Cascina	2443.04	Max WS	TR030_TP01H	23.59	102.13	103.97		104.28	0.011419	2.47	9.55	9.86	0.80
Cascina	2443.04	Max WS	TR030_TP02H	27.91	102.13	104.09		104.43	0.011183	2.59	10.77	10.05	0.80
Cascina	2443.04	Max WS	TR030_TP03H	28.11	102.13	104.10		104.44	0.011212	2.60	10.81	10.06	0.80
Cascina	2443.04	Max WS	TR030_TP04H	26.78	102.13	104.07		104.40	0.010846	2.53	10.58	10.03	0.79
Cascina	2443.04	Max WS	TR030_TP06H	23.87	102.13	103.98		104.29	0.011451	2.48	9.61	9.87	0.80
Cascina	2443.04	Max WS	TR030_TP08H	21.33	102.13	103.89		104.19	0.012004	2.44	8.76	9.64	0.82
Cascina	2428.08	Max WS	TR200_TP03H	41.27	101.86	104.40		104.70	0.007291	2.43	17.01	12.03	0.65
Cascina	2428.08	Max WS	TR200_TP01H	35.79	101.86	104.27		104.54	0.007332	2.31	15.47	12.03	0.65
Cascina	2428.08	Max WS	TR200_TP02H	41.02	101.86	104.39		104.69	0.007291	2.42	16.94	12.03	0.65
Cascina	2428.08	Max WS	TR200_TP0.5H	28.76	101.86	104.04		104.30	0.008781	2.27	12.68	12.03	0.71
Cascina	2428.08	Max WS	TR200_TP04H	39.79	101.86	104.37		104.66	0.007289	2.40	16.61	12.03	0.65
Cascina	2428.08	Max WS	TR200_TP06H	35.97	101.86	104.28		104.55	0.007325	2.32	15.53	12.03	0.65
Cascina	2428.08	Max WS	TR200_TP08H	32.52	101.86	104.20		104.46	0.007139	2.22	14.67	12.03	0.64
Cascina	2428.08	Max WS	TR030_TP0.5H	18.43	101.86	103.69		103.90	0.007836	2.04	9.01	9.16	0.66
Cascina	2428.08	Max WS	TR030_TP01H	23.51	101.86	103.89		104.12	0.007659	2.13	11.03	10.39	0.66
Cascina	2428.08	Max WS	TR030_TP02H	27.41	101.86	104.03		104.27	0.008246	2.18	12.55	12.03	0.68
Cascina	2428.08	Max WS	TR030_TP03H	27.88	101.86	104.03		104.28	0.008434	2.21	12.59	12.03	0.69
Cascina	2428.08	Max WS	TR030_TP04H	26.68	101.86	104.02		104.25	0.008134	2.15	12.39	12.03	0.68
Cascina	2428.08	Max WS	TR030_TP06H	23.54	101.86	103.90		104.13	0.007580	2.12	11.09	10.43	0.66
Cascina	2428.08	Max WS	TR030_TP08H	21.32	101.86	103.79		104.02	0.008144	2.14	9.96	9.76	0.68
Cascina	2413.13	Max WS	TR200_TP03H	41.08	101.69	104.10		104.55	0.011071	2.99	13.72	9.58	0.80
Cascina	2413.13	Max WS	TR200_TP01H	35.71	101.69	104.03		104.41	0.009580	2.72	13.11	9.58	0.74
Cascina	2413.13	Max WS	TR200_TP02H	40.83	101.69	104.09		104.55	0.011000	2.98	13.69	9.58	0.80
Cascina	2413.13	Max WS	TR200_TP0.5H	26.78	101.69	103.80		104.11	0.009131	2.45	10.94	9.33	0.72
Cascina	2413.13	Max WS	TR200_TP04H	39.64	101.69	104.08		104.51	0.010653	2.92	13.57	9.58	0.78
Cascina	2413.13	Max WS	TR200_TP06H	35.89	101.69	104.03		104.42	0.009623	2.73	13.14	9.58	0.75
Cascina	2413.13	Max WS	TR200_TP08H	32.46	101.69	103.96		104.31	0.009318	2.61	12.42	9.58	0.73
Cascina	2413.13	Max WS	TR030_TP0.5H	18.42	101.69	103.54		103.78	0.008301	2.14	8.62	8.55	0.68
Cascina	2413.13	Max WS	TR030_TP01H	23.37	101.69	103.69		103.97	0.009047	2.36	9.91	8.94	0.72
Cascina	2413.13	Max WS	TR030_TP02H	26.96	101.69	103.81		104.12	0.009031	2.44	11.04	9.35	0.72
Cascina	2413.13	Max WS	TR030_TP03H	27.27	101.69	103.81		104.12	0.009261	2.47	11.03	9.35	0.73
Cascina	2413.13	Max WS	TR030_TP04H	26.26	101.69	103.81		104.10	0.008718	2.39	10.97	9.33	0.71
Cascina	2413.13	Max WS	TR030_TP06H	23.56	101.69	103.70		103.98	0.008987	2.36	9.99	8.96	0.71
Cascina	2413.13	Max WS	TR030_TP08H	21.30	101.69	103.62		103.89	0.009194	2.31	9.24	8.80	0.72
Cascina	2398.17	Max WS	TR200_TP03H	38.25	101.51	103.82		104.42	0.016522	3.41	11.21	8.25	0.93
Cascina	2398.17	Max WS	TR200_TP01H	33.98	101.51	103.71	103.67	104.27	0.016974	3.31	10.27	8.25	0.95
Cascina	2398.17	Max WS	TR200_TP02H	38.05	101.51	103.82		104.41	0.016523	3.41	11.17	8.25	0.93
Cascina	2398.17	Max WS	TR200_TP0.5H	28.79	101.51	103.53	103.53	104.08	0.019252	3.27	8.81	8.20	1.01
Cascina	2398.17	Max WS	TR200_TP04H	37.08	101.51	103.79		104.38	0.016571	3.38	10.97	8.25	0.94
Cascina	2398.17	Max WS	TR200_TP06H	34.12	101.51	103.71	103.67	104.27	0.016967	3.31	10.30	8.25	0.95
Cascina	2398.17	Max WS	TR200_TP08H	33.80	101.51	103.65	103.66	104.26	0.019366	3.45	9.79	8.25	1.01
Cascina	2398.17	Max WS	TR030_TP0.5H	18.43	101.51	103.19	103.15	103.62	0.018057	2.92	6.31	6.75	0.96
Cascina	2398.17	Max WS	TR030_TP01H	25.30	101.51	103.38	103.39	103.93	0.019809	3.28	7.71	7.34	1.02
Cascina	2398.17	Max WS	TR030_TP02H	29.32	101.51	103.50	103.55	104.10	0.019889	3.41	8.59	7.63	1.03
Cascina	2398.17	Max WS	TR030_TP03H	29.55	101.51	103.51	103.56	104.11	0.020231	3.42	8.63	7.74	1.04
Cascina	2398.17	Max WS	TR030_TP04H	29.02	101.51	103.48	103.54	104.09	0.020011	3.44	8.43	7.42	1.03
Cascina	2398.17	Max WS	TR030_TP06H	25.18	101.51	103.39	103.39	103.93	0.019397	3.25	7.74	7.34	1.01
Cascina	2398.17	Max WS	TR030_TP08H	21.33	101.51	103.29	103.27	103.76	0.018405	3.04	7.02	7.17	0.98
Cascina	2383.21*	Max WS	TR200_TP03H	42.42	101.26	103.54	103.60	104.21	0.020624	3.64	11.64	10.12	1.08
Cascina	2383.21*	Max WS	TR200_TP01H	36.80	101.26	103.42	103.49	104.05	0.021406	3.53	10.43	9.92	1.10
Cascina	2383.21*	Max WS	TR200_TP02H	42.15	101.26	103.53	103.60	104.21	0.020631	3.64	11.59	10.12	1.08
Cascina	2383.21*	Max WS	TR200_TP0.5H	29.40	101.26	103.23	103.30	103.81	0.021070	3.39	8.67	8.59	1.08
Cascina	2383.21*	Max WS	TR200_TP04H	40.88	101.26	103.51	103.57	104.17	0.020819	3.61	11.33	10.12	1.09
Cascina	2383.21*	Max WS	TR200_TP06H	36.97	101.26	103.42	103.49	104.06	0.021404	3.53	10.46	9.94	1.10
Cascina	2383.21*	Max WS	TR200_TP08H	34.39	101.26	103.34	103.43	103.98	0.021976	3.54	9.72	9.37	1.11
Cascina	2383.21*	Max WS	TR030_TP0.5H	18.49	101.26	102.91	102.91	103.36	0.019278	2.97	6.22	6.98	1.00
Cascina	2383.21*	Max WS	TR030_TP01H	24.65	101.26	103.09	103.14	103.63	0.020871	3.27	7.53	7.77	1.06
Cascina	2383.21*	Max WS	TR030_TP02H	28.35	101.26	103.20	103.26	103.77	0.020944	3.36	8.43	8.42	1.07
Cascina	2383.21*	Max WS	TR030_TP03H	28.55	101.26	103.20	103.27	103.78	0.020981	3.37	8.47	8.45	1.07
Cascina	2383.21*	Max WS	TR030_TP04H	27.61	101.26	103.18	103.24	103.75	0.020892	3.34	8.26	8.29	1.07
Cascina	2383.21*	Max WS	TR030_TP06H	24.72	101.26	103.09	103.14	103.64	0.020631	3.26	7.58	7.80	1.06
Cascina	2383.21*	Max WS	TR030_TP08H	21.40	101.26	103.01							

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Cascina	2368.25	Max WS	TR030_TP0.5H	18.55	101.00	102.61	102.64	103.08	0.021158	3.06	6.06	6.93	1.04
Cascina	2368.25	Max WS	TR030_TP01H	24.17	101.00	102.76	102.82	103.34	0.022971	3.37	7.18	7.55	1.10
Cascina	2368.25	Max WS	TR030_TP02H	28.43	101.00	102.85	102.98	103.51	0.024386	3.60	7.89	7.83	1.15
Cascina	2368.25	Max WS	TR030_TP03H	28.61	101.00	102.86	102.99	103.52	0.024459	3.61	7.92	7.84	1.15
Cascina	2368.25	Max WS	TR030_TP04H	27.59	101.00	102.83	102.95	103.48	0.024109	3.56	7.76	7.78	1.14
Cascina	2368.25	Max WS	TR030_TP06H	24.45	101.00	102.76	102.83	103.35	0.023112	3.38	7.22	7.57	1.11
Cascina	2368.25	Max WS	TR030_TP08H	21.46	101.00	102.69	102.74	103.22	0.022488	3.23	6.64	7.33	1.08
Cascina	2353.29	Max WS	TR200_TP03H	34.62	100.81	102.65		103.06	0.011664	2.82	12.29	9.87	0.81
Cascina	2353.29	Max WS	TR200_TP01H	30.60	100.81	102.58		102.94	0.010838	2.64	11.61	9.83	0.77
Cascina	2353.29	Max WS	TR200_TP02H	34.43	100.81	102.65		103.05	0.011609	2.81	12.27	9.87	0.80
Cascina	2353.29	Max WS	TR200_TP0.5H	25.18	100.81	102.50		102.78	0.009289	2.34	10.74	9.79	0.71
Cascina	2353.29	Max WS	TR200_TP04H	33.46	100.81	102.64		103.03	0.011381	2.76	12.12	9.86	0.80
Cascina	2353.29	Max WS	TR200_TP06H	30.72	100.81	102.59		102.94	0.010889	2.64	11.62	9.83	0.78
Cascina	2353.29	Max WS	TR200_TP08H	28.25	100.81	102.55		102.87	0.010001	2.50	11.31	9.82	0.74
Cascina	2353.29	Max WS	TR030_TP0.5H	17.31	100.81	102.31		102.50	0.007872	1.95	8.89	9.69	0.65
Cascina	2353.29	Max WS	TR030_TP01H	21.16	100.81	102.42		102.65	0.008096	2.11	10.03	9.75	0.66
Cascina	2353.29	Max WS	TR030_TP02H	24.34	100.81	102.48		102.75	0.008976	2.29	10.63	9.78	0.70
Cascina	2353.29	Max WS	TR030_TP03H	24.47	100.81	102.49		102.76	0.009019	2.30	10.65	9.78	0.70
Cascina	2353.29	Max WS	TR030_TP04H	23.77	100.81	102.47		102.73	0.008829	2.26	10.52	9.78	0.70
Cascina	2353.29	Max WS	TR030_TP06H	21.33	100.81	102.43		102.66	0.008135	2.12	10.07	9.75	0.67
Cascina	2353.29	Max WS	TR030_TP08H	19.53	100.81	102.37		102.58	0.008252	2.06	9.46	9.72	0.67
Cascina	2338.33	Max WS	TR200_TP03H	34.24	100.62	102.62		102.89	0.006959	2.29	14.93	11.42	0.64
Cascina	2338.33	Max WS	TR200_TP01H	29.89	100.62	102.56		102.79	0.006003	2.09	14.32	11.33	0.59
Cascina	2338.33	Max WS	TR200_TP02H	34.03	100.62	102.61		102.88	0.006913	2.28	14.90	11.42	0.64
Cascina	2338.33	Max WS	TR200_TP0.5H	24.23	100.62	102.49		102.65	0.004726	1.80	13.46	11.21	0.52
Cascina	2338.33	Max WS	TR200_TP04H	33.03	100.62	102.60		102.86	0.006702	2.24	14.76	11.40	0.63
Cascina	2338.33	Max WS	TR200_TP06H	30.03	100.62	102.56		102.79	0.006043	2.10	14.33	11.34	0.60
Cascina	2338.33	Max WS	TR200_TP08H	27.40	100.62	102.54		102.73	0.005382	1.96	14.00	11.29	0.56
Cascina	2338.33	Max WS	TR030_TP0.5H	15.03	100.62	102.34		102.42	0.002689	1.27	11.80	10.96	0.39
Cascina	2338.33	Max WS	TR030_TP01H	19.78	100.62	102.43		102.55	0.003657	1.55	12.80	11.11	0.46
Cascina	2338.33	Max WS	TR030_TP02H	23.29	100.62	102.48		102.63	0.004492	1.75	13.33	11.19	0.51
Cascina	2338.33	Max WS	TR030_TP03H	23.41	100.62	102.48		102.63	0.004523	1.75	13.35	11.19	0.51
Cascina	2338.33	Max WS	TR030_TP04H	22.59	100.62	102.47		102.62	0.004325	1.71	13.23	11.17	0.50
Cascina	2338.33	Max WS	TR030_TP06H	19.94	100.62	102.43		102.55	0.003705	1.56	12.82	11.11	0.46
Cascina	2338.33	Max WS	TR030_TP08H	17.56	100.62	102.39		102.49	0.003188	1.42	12.38	11.05	0.43
Cascina	2323.38	Max WS	TR200_TP03H	26.59	100.54	102.73		102.86	0.003213	1.61	16.49	12.11	0.44
Cascina	2323.38	Max WS	TR200_TP01H	22.84	100.54	102.66		102.77	0.002768	1.46	15.64	11.98	0.41
Cascina	2323.38	Max WS	TR200_TP02H	26.42	100.54	102.73		102.86	0.003195	1.61	16.45	12.10	0.44
Cascina	2323.38	Max WS	TR200_TP0.5H	17.98	100.54	102.57		102.64	0.002130	1.24	14.50	11.75	0.36
Cascina	2323.38	Max WS	TR200_TP04H	25.54	100.54	102.71		102.84	0.003094	1.57	16.25	12.07	0.43
Cascina	2323.38	Max WS	TR200_TP06H	22.94	100.54	102.66		102.77	0.002780	1.46	15.66	11.98	0.41
Cascina	2323.38	Max WS	TR200_TP08H	20.57	100.54	102.62		102.72	0.002436	1.35	15.20	11.89	0.38
Cascina	2323.38	Max WS	TR030_TP0.5H	11.52	100.54	102.37		102.41	0.001442	0.94	12.20	11.28	0.29
Cascina	2323.38	Max WS	TR030_TP01H	14.67	100.54	102.48		102.54	0.001737	1.09	13.52	11.55	0.32
Cascina	2323.38	Max WS	TR030_TP02H	17.29	100.54	102.55		102.62	0.002054	1.21	14.30	11.71	0.35
Cascina	2323.38	Max WS	TR030_TP03H	17.42	100.54	102.55		102.63	0.002068	1.22	14.33	11.72	0.35
Cascina	2323.38	Max WS	TR030_TP04H	16.75	100.54	102.53		102.61	0.001990	1.18	14.13	11.68	0.34
Cascina	2323.38	Max WS	TR030_TP06H	14.78	100.54	102.48		102.55	0.001748	1.09	13.56	11.56	0.32
Cascina	2323.38	Max WS	TR030_TP08H	13.20	100.54	102.43		102.48	0.001594	1.02	12.94	11.43	0.31
Cascina	2308.42	Max WS	TR200_TP03H	26.56	100.42	102.39		102.75	0.010569	2.67	9.96	7.69	0.75
Cascina	2308.42	Max WS	TR200_TP01H	23.90	100.42	102.33		102.65	0.009967	2.53	9.45	7.63	0.73
Cascina	2308.42	Max WS	TR200_TP02H	26.43	100.42	102.39		102.75	0.010534	2.66	9.94	7.68	0.75
Cascina	2308.42	Max WS	TR200_TP0.5H	20.55	100.42	102.24		102.52	0.009161	2.34	8.77	7.55	0.69
Cascina	2308.42	Max WS	TR200_TP04H	25.81	100.42	102.37		102.72	0.010422	2.63	9.81	7.67	0.74
Cascina	2308.42	Max WS	TR200_TP06H	23.98	100.42	102.33		102.65	0.010005	2.53	9.46	7.63	0.73
Cascina	2308.42	Max WS	TR200_TP08H	22.35	100.42	102.29		102.59	0.009521	2.44	9.17	7.59	0.71
Cascina	2308.42	Max WS	TR030_TP0.5H	15.52	100.42	102.04		102.27	0.008938	2.12	7.32	7.37	0.68
Cascina	2308.42	Max WS	TR030_TP01H	18.12	100.42	102.16		102.41	0.008761	2.22	8.18	7.48	0.68
Cascina	2308.42	Max WS	TR030_TP02H	20.07	100.42	102.22		102.49	0.009180	2.33	8.63	7.53	0.69
Cascina	2308.42	Max WS	TR030_TP03H	20.16	100.42	102.22		102.50	0.009193	2.33	8.65	7.53	0.69
Cascina	2308.42	Max WS	TR030_TP04H	19.69	100.42	102.20		102.47	0.009224	2.32	8.50	7.52	0.70
Cascina	2308.42	Max WS	TR030_TP06H	18.22	100.42	102.16		102.41	0.008820	2.22	8.19	7.48	0.68
Cascina	2308.42	Max WS	TR030_TP08H	16.97	100.42	102.10		102.35	0.008890	2.18	7.78	7.43	0.68
Cascina	2293.46	Max WS	TR200_TP03H	29.31	100.08	102.20		102.52	0.010473	2.48	11.90	11.96	0.77
Cascina	2293.46	Max WS	TR200_TP01H	26.59	100.08	102.09		102.42	0.012300	2.52	10.61	11.73	0.83
Cascina	2293.46	Max WS	TR200_TP02H	29.18	100.08	102.20		102.51	0.010512	2.48	11.85	11.95	0.77
Cascina	2293.46	Max WS	TR200_TP0.5H	23.12	100.08	101.87		102.26	0.015467	2.77	8.36	9.10	0.92
Cascina	2293.46	Max WS	TR200_TP04H	28.54	100.08	102.17		102.49	0.010876	2.49	11.55	11.90	0.79
Cascina	2293.46	Max WS	TR200_TP06H	26.66	100.08	102.09		102.42	0.012318	2.52	10.62	11.74	0.83
Cascina	2293.46	Max WS	TR200_TP08H	25.14	100.08	102.01		102.36	0.012717	2.60	9.69	10.31	0.84
Cascina	2293.46	Max WS	TR030_TP0.5H	17.54	100.08	101.66	101.62	102.03	0.017287	2.66	6.59	8.18	0.95
Cascina	2293.46	Max WS	TR030_TP01H	20.57	100.08	101.77	101.73	102.16	0.016777	2.75	7.48	8.62	0.94
Cascina	2293.46	Max WS	TR030_TP02H	22.63	100.08	101.85		102.24	0.015762	2.77	8.18	8.99	0.92
Cascina	2293.46	Max WS	TR030_TP03H	22.72	100.08	101.85		102.24	0.015741	2.77	8.21	9.01	0.92
Cascina	2293.46	Max WS	TR030_TP04H	22.24	100.08	101.84		102.23	0.015935	2.76	8.05	8.91	0.93
Cascina	2293.46	Max WS	TR030_TP06H	20.66	100.08	101.77	101.73	102.16	0.016789	2.75	7.50	8.63	0.94
Cascina	2293.46	Max WS	TR030_TP08H	19.23	100.08	101.72	101.69	102.10	0.017087	2.72	7.07	8.43	0.95
Cascina	2278.50	Max WS	TR200_TP03H	30.09	99.74	102.14		102.36	0.004546	2.10	14.33	7.13	0.47
Cascina	2278.50	Max WS	TR200_TP01H	27.21	99.74	102.04		102.24	0.004272	1.99	13.64	7.13	0.46
Cascina	2278.50	Max WS	TR200_TP02H	29.97	99.74	102.13		102.36	0.004530	2.09	14.31	7.13	0.47
Cascina	2278.50	Max WS	TR200_TP0.5H	22.23	99.74	101.88		102.04	0.003683	1.78	12.47	7.13	0.43
Cascina	2278.50	Max WS	TR200_TP04H	29.29	99.74	102.11		102.33	0.004466	2.07	14.15	7.13	0.47
Cascina	2278.50	Max WS	TR200_TP06H	27.27	99.74	102.04		102.25	0.004284	2.00	13.65	7.13	0.46
Cascina	2278.50	Max WS	TR200_TP08H	25.45	99.74	101.98		102.17	0.004120	1.93	13.18	7.13	0.45
Cascina	2278.50	Max WS	TR030_TP0.5H	16.14	99.74	101.66		101.77	0.002828	1.48	10.94	7.13	0.38
Cascina	2278.50	Max WS	TR030_TP01H	19.24	99.74	101.77		101.91					

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Cascina	2263.54	Max WS	TR200_TP05H	19.76	100.24	101.84		102.01	0.005192	1.82	10.84	9.10	0.53
Cascina	2263.54	Max WS	TR200_TP04H	27.23	100.24	102.05		102.28	0.006036	2.14	12.75	9.10	0.58
Cascina	2263.54	Max WS	TR200_TP06H	25.29	100.24	101.97		102.20	0.006190	2.10	12.04	9.10	0.58
Cascina	2263.54	Max WS	TR200_TP08H	23.49	100.24	101.90		102.12	0.006338	2.07	11.38	9.10	0.59
Cascina	2263.54	Max WS	TR030_TP05H	14.73	100.24	101.56		101.72	0.006527	1.77	8.30	9.10	0.59
Cascina	2263.54	Max WS	TR030_TP01H	17.19	100.24	101.71		101.87	0.005529	1.77	9.69	9.10	0.55
Cascina	2263.54	Max WS	TR030_TP02H	19.15	100.24	101.81		101.98	0.005250	1.81	10.58	9.10	0.54
Cascina	2263.54	Max WS	TR030_TP03H	19.26	100.24	101.82		101.98	0.005258	1.81	10.61	9.10	0.54
Cascina	2263.54	Max WS	TR030_TP04H	18.68	100.24	101.79		101.96	0.005293	1.80	10.38	9.10	0.54
Cascina	2263.54	Max WS	TR030_TP06H	17.25	100.24	101.72		101.88	0.005524	1.78	9.71	9.10	0.55
Cascina	2263.54	Max WS	TR030_TP08H	16.03	100.24	101.65		101.81	0.005876	1.77	9.07	9.10	0.56
Cascina	2248.58	Max WS	TR200_TP03H	25.07	99.62	102.13		102.25	0.002413	1.53	16.34	8.74	0.36
Cascina	2248.58	Max WS	TR200_TP01H	22.79	99.62	102.02		102.13	0.002413	1.49	15.31	8.74	0.36
Cascina	2248.58	Max WS	TR200_TP02H	24.98	99.62	102.13		102.25	0.002412	1.53	16.30	8.74	0.36
Cascina	2248.58	Max WS	TR200_TP05H	18.33	99.62	101.86		101.95	0.002052	1.31	13.95	8.74	0.33
Cascina	2248.58	Max WS	TR200_TP04H	24.40	99.62	102.10		102.22	0.002402	1.52	16.07	8.74	0.36
Cascina	2248.58	Max WS	TR200_TP06H	22.83	99.62	102.02		102.13	0.002417	1.49	15.32	8.74	0.36
Cascina	2248.58	Max WS	TR200_TP08H	21.45	99.62	101.94		102.05	0.002453	1.47	14.60	8.74	0.36
Cascina	2248.58	Max WS	TR030_TP05H	14.53	99.62	101.55		101.63	0.002459	1.29	11.23	8.74	0.36
Cascina	2248.58	Max WS	TR030_TP01H	16.44	99.62	101.72		101.80	0.002178	1.29	12.70	8.74	0.34
Cascina	2248.58	Max WS	TR030_TP02H	17.90	99.62	101.83		101.92	0.002080	1.31	13.66	8.74	0.33
Cascina	2248.58	Max WS	TR030_TP03H	17.97	99.62	101.83		101.92	0.002078	1.31	13.70	8.74	0.33
Cascina	2248.58	Max WS	TR030_TP04H	17.58	99.62	101.80		101.89	0.002104	1.31	13.44	8.74	0.34
Cascina	2248.58	Max WS	TR030_TP06H	16.50	99.62	101.72		101.81	0.002178	1.30	12.73	8.74	0.34
Cascina	2248.58	Max WS	TR030_TP08H	15.58	99.62	101.64		101.73	0.002294	1.29	12.04	8.74	0.35
Cascina	2233.63	Max WS	TR200_TP03H	32.39	99.64	101.79		102.08	0.006819	2.36	13.74	8.96	0.61
Cascina	2233.63	Max WS	TR200_TP01H	29.29	99.64	101.70		101.96	0.006767	2.27	12.88	8.96	0.61
Cascina	2233.63	Max WS	TR200_TP02H	32.27	99.64	101.79		102.07	0.006810	2.35	13.71	8.96	0.61
Cascina	2233.63	Max WS	TR200_TP05H	24.70	99.64	101.56		101.79	0.006546	2.13	11.62	8.96	0.60
Cascina	2233.63	Max WS	TR200_TP04H	31.53	99.64	101.77		102.04	0.006805	2.34	13.50	8.96	0.61
Cascina	2233.63	Max WS	TR200_TP06H	29.33	99.64	101.70		101.96	0.006779	2.28	12.88	8.96	0.61
Cascina	2233.63	Max WS	TR200_TP08H	27.31	99.64	101.63		101.88	0.006751	2.22	12.30	8.96	0.61
Cascina	2233.63	Max WS	TR030_TP05H	18.10	99.64	101.32		101.50	0.006524	1.91	9.48	8.96	0.59
Cascina	2233.63	Max WS	TR030_TP01H	21.62	99.64	101.44		101.65	0.006695	2.05	10.56	8.96	0.60
Cascina	2233.63	Max WS	TR030_TP02H	23.98	99.64	101.53		101.76	0.006580	2.11	11.38	8.96	0.60
Cascina	2233.63	Max WS	TR030_TP03H	24.09	99.64	101.53		101.76	0.006587	2.11	11.41	8.96	0.60
Cascina	2233.63	Max WS	TR030_TP04H	23.44	99.64	101.51		101.73	0.006607	2.09	11.19	8.96	0.60
Cascina	2233.63	Max WS	TR030_TP06H	21.70	99.64	101.44		101.65	0.006711	2.05	10.58	8.96	0.60
Cascina	2233.63	Max WS	TR030_TP08H	20.07	99.64	101.38		101.58	0.006748	2.00	10.03	8.96	0.60
Cascina	2218.67	Max WS	TR200_TP03H	35.53	99.29	101.61		101.92	0.006985	2.46	14.45	9.12	0.62
Cascina	2218.67	Max WS	TR200_TP01H	32.17	99.29	101.53		101.81	0.006709	2.35	13.70	9.12	0.61
Cascina	2218.67	Max WS	TR200_TP02H	35.39	99.29	101.61		101.91	0.006972	2.45	14.43	9.12	0.62
Cascina	2218.67	Max WS	TR200_TP05H	27.14	99.29	101.42		101.65	0.005989	2.14	12.70	9.12	0.58
Cascina	2218.67	Max WS	TR200_TP04H	34.60	99.29	101.58		101.89	0.006931	2.43	14.24	9.12	0.62
Cascina	2218.67	Max WS	TR200_TP06H	32.21	99.29	101.53		101.81	0.006727	2.35	13.70	9.12	0.61
Cascina	2218.67	Max WS	TR200_TP08H	29.97	99.29	101.47		101.74	0.006467	2.27	13.23	9.12	0.60
Cascina	2218.67	Max WS	TR030_TP05H	18.65	99.29	101.26		101.40	0.004028	1.65	11.29	9.12	0.47
Cascina	2218.67	Max WS	TR030_TP01H	23.20	99.29	101.34		101.53	0.005224	1.94	11.97	9.12	0.54
Cascina	2218.67	Max WS	TR030_TP02H	26.25	99.29	101.40		101.62	0.005838	2.10	12.53	9.12	0.57
Cascina	2218.67	Max WS	TR030_TP03H	26.38	99.29	101.40		101.62	0.005865	2.10	12.55	9.12	0.57
Cascina	2218.67	Max WS	TR030_TP04H	25.57	99.29	101.38		101.60	0.005733	2.06	12.39	9.12	0.57
Cascina	2218.67	Max WS	TR030_TP06H	23.29	99.29	101.34		101.53	0.005255	1.94	11.98	9.12	0.54
Cascina	2218.67	Max WS	TR030_TP08H	21.11	99.29	101.30		101.47	0.004708	1.81	11.64	9.12	0.51
Cascina	2203.71	Max WS	TR200_TP03H	34.31	99.36	101.52		101.83	0.007270	2.46	13.95	9.05	0.63
Cascina	2203.71	Max WS	TR200_TP01H	30.90	99.36	101.45		101.73	0.006877	2.32	13.30	9.05	0.61
Cascina	2203.71	Max WS	TR200_TP02H	34.18	99.36	101.52		101.83	0.007252	2.45	13.92	9.05	0.63
Cascina	2203.71	Max WS	TR200_TP05H	25.92	99.36	101.36		101.58	0.005821	2.08	12.45	9.05	0.57
Cascina	2203.71	Max WS	TR200_TP04H	33.37	99.36	101.50		101.80	0.007160	2.43	13.76	9.05	0.63
Cascina	2203.71	Max WS	TR200_TP06H	30.94	99.36	101.45		101.73	0.006808	2.33	13.30	9.05	0.61
Cascina	2203.71	Max WS	TR200_TP08H	28.66	99.36	101.41		101.66	0.006387	2.22	12.91	9.05	0.59
Cascina	2203.71	Max WS	TR030_TP05H	17.60	99.36	101.23		101.35	0.003589	1.56	11.31	9.05	0.44
Cascina	2203.71	Max WS	TR030_TP01H	21.98	99.36	101.29		101.47	0.004841	1.85	11.86	9.05	0.52
Cascina	2203.71	Max WS	TR030_TP02H	25.01	99.36	101.34		101.55	0.005618	2.03	12.30	9.05	0.56
Cascina	2203.71	Max WS	TR030_TP03H	25.15	99.36	101.34		101.56	0.005652	2.04	12.32	9.05	0.56
Cascina	2203.71	Max WS	TR030_TP04H	24.33	99.36	101.33		101.53	0.005461	2.00	12.19	9.05	0.55
Cascina	2203.71	Max WS	TR030_TP06H	22.07	99.36	101.29		101.47	0.004873	1.86	11.87	9.05	0.52
Cascina	2203.71	Max WS	TR030_TP08H	19.95	99.36	101.26		101.41	0.004271	1.72	11.59	9.05	0.49
Cascina	2188.75	Max WS	TR200_TP03H	29.72	98.68	101.56		101.79	0.005144	2.13	13.95	7.58	0.50
Cascina	2188.75	Max WS	TR200_TP01H	26.57	98.68	101.49		101.69	0.004602	1.98	13.41	7.58	0.48
Cascina	2188.75	Max WS	TR200_TP02H	29.60	98.68	101.56		101.79	0.005123	2.13	13.93	7.58	0.50
Cascina	2188.75	Max WS	TR200_TP05H	22.05	98.68	101.39		101.55	0.003736	1.74	12.67	7.58	0.43
Cascina	2188.75	Max WS	TR200_TP04H	28.84	98.68	101.54		101.76	0.004999	2.09	13.80	7.58	0.49
Cascina	2188.75	Max WS	TR200_TP06H	26.60	98.68	101.49		101.69	0.004609	1.98	13.41	7.58	0.48
Cascina	2188.75	Max WS	TR200_TP08H	24.52	98.68	101.45		101.63	0.004217	1.88	13.08	7.58	0.46
Cascina	2188.75	Max WS	TR030_TP05H	14.97	98.68	101.25		101.33	0.002245	1.29	11.57	7.58	0.33
Cascina	2188.75	Max WS	TR030_TP01H	18.67	98.68	101.32		101.44	0.003055	1.54	12.11	7.58	0.39
Cascina	2188.75	Max WS	TR030_TP02H	21.29	98.68	101.37		101.52	0.003598	1.70	12.53	7.58	0.42
Cascina	2188.75	Max WS	TR030_TP03H	21.40	98.68	101.38		101.52	0.003621	1.71	12.55	7.58	0.42
Cascina	2188.75	Max WS	TR030_TP04H	20.68	98.68	101.36		101.50	0.003475	1.66	12.43	7.58	0.41
Cascina	2188.75	Max WS	TR030_TP06H	18.74	98.68	101.32		101.44	0.003071	1.55	12.12	7.58	0.39
Cascina	2188.75	Max WS	TR030_TP08H	16.97	98.68	101.28		101.39	0.002691	1.43	11.85	7.58	0.37
Cascina	2173.79	Max WS	TR200_TP03H	30.96	99.49	101.22	101.41	102.00	0.033729	3.92	7.89	8.80	1.32
Cascina	2173.79	Max WS	TR200_TP01H	27.77	99.49	101.14	101.34	101.89	0.034620	3.82	7.26	8.65	1.33
Cascina	2173.79	Max WS	TR200_TP02H	30.84	99.49	101.21	101.41	102.00	0.033761	3.92	7.87	8.80	1.32
Cascina	2173.79	Max WS	TR200_TP05H	23.42	99.49	101.03	101.21	101.73	0.037260	3.71	6.31	8.41	1.37
Cascina	2173.79	Max WS	TR200_TP04H	30.05	99.49	101.20	101.39	101.97	0.033955	3.90	7.71	8.76	1.33
Cascina	2173.79	Max WS	TR200_TP06H	27.78	99.49	101.14	101.34						

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Cascina	2158.83	Max WS	TR200_TP03H	42.37	99.16	100.77	100.86	101.45	0.022244	3.65	11.61	10.87	1.13
Cascina	2158.83	Max WS	TR200_TP01H	37.00	99.16	100.68	100.76	101.29	0.021795	3.46	10.70	10.86	1.11
Cascina	2158.83	Max WS	TR200_TP02H	42.17	99.16	100.77	100.86	101.44	0.022213	3.64	11.58	10.87	1.13
Cascina	2158.83	Max WS	TR200_TP05H	28.93	99.16	100.56	100.57	101.04	0.018575	3.08	9.39	10.11	1.02
Cascina	2158.83	Max WS	TR200_TP04H	40.86	99.16	100.75	100.83	101.40	0.022101	3.60	11.36	10.87	1.12
Cascina	2158.83	Max WS	TR200_TP06H	37.00	99.16	100.68	100.76	101.29	0.021796	3.46	10.70	10.86	1.11
Cascina	2158.83	Max WS	TR200_TP08H	33.53	99.16	100.62	100.69	101.19	0.020952	3.34	10.05	10.48	1.09
Cascina	2158.83	Max WS	TR030_TP05H	19.17	99.16	100.32	100.30	100.69	0.017705	2.71	7.07	9.03	0.98
Cascina	2158.83	Max WS	TR030_TP01H	24.58	99.16	100.44	100.45	100.90	0.018926	2.98	8.26	9.58	1.02
Cascina	2158.83	Max WS	TR030_TP02H	28.46	99.16	100.54	100.56	101.03	0.018827	3.08	9.23	10.03	1.03
Cascina	2158.83	Max WS	TR030_TP03H	28.60	99.16	100.55	100.57	101.03	0.018800	3.09	9.27	10.05	1.03
Cascina	2158.83	Max WS	TR030_TP04H	27.54	99.16	100.52	100.54	101.00	0.018876	3.06	9.00	9.92	1.03
Cascina	2158.83	Max WS	TR030_TP06H	24.66	99.16	100.45	100.46	100.90	0.018951	2.98	8.28	9.59	1.02
Cascina	2158.83	Max WS	TR030_TP08H	21.95	99.16	100.39	100.38	100.80	0.018333	2.85	7.71	9.38	1.00
Cascina	2150	Max WS	TR200_TP03H	34.84	98.43	100.38	100.33	100.92	0.015813	3.27	10.66	8.83	0.95
Cascina	2150	Max WS	TR200_TP01H	32.44	98.43	100.31	100.26	100.84	0.015959	3.21	10.10	8.71	0.95
Cascina	2150	Max WS	TR200_TP02H	34.77	98.43	100.37	100.33	100.92	0.015825	3.27	10.64	8.83	0.95
Cascina	2150	Max WS	TR200_TP05H	27.95	98.43	100.27		100.69	0.013215	2.88	9.72	8.62	0.87
Cascina	2150	Max WS	TR200_TP04H	34.20	98.43	100.36	100.31	100.90	0.015861	3.26	10.51	8.80	0.95
Cascina	2150	Max WS	TR200_TP06H	32.43	98.43	100.31	100.26	100.84	0.015959	3.21	10.10	8.71	0.95
Cascina	2150	Max WS	TR200_TP08H	30.52	98.43	100.27	100.21	100.77	0.015866	3.15	9.69	8.61	0.95
Cascina	2150	Max WS	TR030_TP05H	19.54	98.43	100.06		100.37	0.011551	2.46	7.93	8.20	0.80
Cascina	2150	Max WS	TR030_TP01H	25.09	98.43	100.12		100.57	0.015657	2.96	8.49	8.34	0.94
Cascina	2150	Max WS	TR030_TP02H	28.18	98.43	100.23		100.69	0.014994	3.01	9.35	8.54	0.92
Cascina	2150	Max WS	TR030_TP03H	28.23	98.43	100.23		100.69	0.014874	3.01	9.39	8.54	0.92
Cascina	2150	Max WS	TR030_TP04H	27.65	98.43	100.20		100.67	0.015472	3.03	9.12	8.48	0.93
Cascina	2150	Max WS	TR030_TP06H	25.21	98.43	100.13		100.57	0.015738	2.97	8.50	8.34	0.94
Cascina	2150	Max WS	TR030_TP08H	22.34	98.43	100.08		100.47	0.014083	2.75	8.12	8.25	0.89
Cascina	2120	Max WS	TR200_TP03H	30.10	98.10	100.47		100.66	0.004551	1.95	15.41	10.00	0.50
Cascina	2120	Max WS	TR200_TP01H	27.41	98.10	100.40		100.58	0.004286	1.86	14.77	10.00	0.49
Cascina	2120	Max WS	TR200_TP02H	30.01	98.10	100.46		100.66	0.004544	1.95	15.39	10.00	0.50
Cascina	2120	Max WS	TR200_TP05H	23.16	98.10	100.33		100.47	0.003581	1.65	14.02	10.00	0.45
Cascina	2120	Max WS	TR200_TP04H	29.35	98.10	100.45		100.64	0.004484	1.93	15.23	10.00	0.50
Cascina	2120	Max WS	TR200_TP06H	27.39	98.10	100.40		100.58	0.004281	1.85	14.77	10.00	0.49
Cascina	2120	Max WS	TR200_TP08H	25.90	98.10	100.36		100.52	0.004195	1.81	14.33	10.00	0.48
Cascina	2120	Max WS	TR030_TP05H	15.79	98.10	100.16		100.25	0.002423	1.27	12.39	10.00	0.37
Cascina	2120	Max WS	TR030_TP01H	19.83	98.10	100.24		100.36	0.003158	1.50	13.19	10.00	0.42
Cascina	2120	Max WS	TR030_TP02H	22.26	98.10	100.31		100.44	0.003461	1.61	13.81	10.00	0.44
Cascina	2120	Max WS	TR030_TP03H	22.35	98.10	100.31		100.44	0.003475	1.62	13.84	10.00	0.44
Cascina	2120	Max WS	TR030_TP04H	21.67	98.10	100.29		100.42	0.003396	1.59	13.66	10.00	0.43
Cascina	2120	Max WS	TR030_TP06H	20.21	98.10	100.24		100.36	0.003294	1.53	13.18	10.00	0.43
Cascina	2120	Max WS	TR030_TP08H	18.23	98.10	100.21		100.31	0.002920	1.42	12.81	10.00	0.40
Cascina	2119.99		Lat Struct										
Cascina	2119.98		Lat Struct										
Cascina	2109.50	Max WS	TR200_TP03H	24.87	98.58	100.20		100.62	0.017190	2.86	8.68	8.95	0.93
Cascina	2109.50	Max WS	TR200_TP01H	22.52	98.58	100.15		100.54	0.016790	2.74	8.20	8.95	0.92
Cascina	2109.50	Max WS	TR200_TP02H	24.79	98.58	100.20		100.62	0.017178	2.86	8.67	8.95	0.93
Cascina	2109.50	Max WS	TR200_TP05H	18.77	98.58	100.08		100.39	0.015040	2.48	7.56	8.95	0.86
Cascina	2109.50	Max WS	TR200_TP04H	24.20	98.58	100.19		100.60	0.017055	2.83	8.55	8.95	0.92
Cascina	2109.50	Max WS	TR200_TP06H	22.50	98.58	100.15		100.53	0.016816	2.75	8.20	8.95	0.92
Cascina	2109.50	Max WS	TR200_TP08H	21.15	98.58	100.11		100.48	0.017229	2.71	7.81	8.95	0.93
Cascina	2109.50	Max WS	TR030_TP05H	13.63	98.58	99.93		100.18	0.014325	2.18	6.26	8.95	0.83
Cascina	2109.50	Max WS	TR030_TP01H	16.49	98.58	100.01		100.30	0.015476	2.39	6.89	8.95	0.87
Cascina	2109.50	Max WS	TR030_TP02H	18.41	98.58	100.06		100.38	0.015416	2.49	7.41	8.95	0.87
Cascina	2109.50	Max WS	TR030_TP03H	18.49	98.58	100.06		100.38	0.015429	2.49	7.43	8.95	0.87
Cascina	2109.50	Max WS	TR030_TP04H	17.90	98.58	100.05		100.36	0.015398	2.46	7.28	8.95	0.87
Cascina	2109.50	Max WS	TR030_TP06H	16.65	98.58	100.01		100.30	0.015720	2.41	6.90	8.95	0.88
Cascina	2109.50	Max WS	TR030_TP08H	15.24	98.58	99.97		100.24	0.015033	2.30	6.62	8.95	0.86
Cascina	2099	Max WS	TR200_TP03H	25.21	98.38	99.92	99.90	100.41	0.018152	3.10	8.14	7.90	0.97
Cascina	2099	Max WS	TR200_TP01H	23.08	98.38	99.86	99.84	100.32	0.018224	3.01	7.67	7.90	0.98
Cascina	2099	Max WS	TR200_TP02H	25.13	98.38	99.92	99.90	100.41	0.018133	3.09	8.12	7.90	0.97
Cascina	2099	Max WS	TR200_TP05H	19.91	98.38	99.78	99.75	100.19	0.017889	2.84	7.00	7.90	0.96
Cascina	2099	Max WS	TR200_TP04H	24.60	98.38	99.90	99.89	100.38	0.018129	3.07	8.01	7.90	0.97
Cascina	2099	Max WS	TR200_TP06H	23.06	98.38	99.86	99.85	100.32	0.018232	3.01	7.66	7.90	0.98
Cascina	2099	Max WS	TR200_TP08H	21.64	98.38	99.82	99.80	100.26	0.018254	2.95	7.35	7.90	0.98
Cascina	2099	Max WS	TR030_TP05H	14.52	98.38	99.62	99.59	99.94	0.017452	2.52	5.76	7.90	0.94
Cascina	2099	Max WS	TR030_TP01H	17.26	98.38	99.71		100.07	0.016927	2.66	6.50	7.90	0.94
Cascina	2099	Max WS	TR030_TP02H	19.21	98.38	99.76	99.73	100.16	0.017374	2.78	6.91	7.90	0.95
Cascina	2099	Max WS	TR030_TP03H	19.26	98.38	99.77	99.74	100.16	0.017305	2.78	6.93	7.90	0.95
Cascina	2099	Max WS	TR030_TP04H	18.74	98.38	99.76		100.14	0.017016	2.74	6.84	7.90	0.94
Cascina	2099	Max WS	TR030_TP06H	17.41	98.38	99.70	99.68	100.08	0.017721	2.70	6.44	7.90	0.96
Cascina	2099	Max WS	TR030_TP08H	15.95	98.38	99.67		100.01	0.016994	2.59	6.17	7.90	0.93
Cascina	2084.00	Max WS	TR200_TP03H	23.12	97.70	99.80		100.10	0.009400	2.43	9.52	7.52	0.69
Cascina	2084.00	Max WS	TR200_TP01H	21.00	97.70	99.74		100.01	0.008919	2.31	9.09	7.52	0.67
Cascina	2084.00	Max WS	TR200_TP02H	23.05	97.70	99.79		100.09	0.009384	2.42	9.51	7.52	0.69
Cascina	2084.00	Max WS	TR200_TP05H	18.42	97.70	99.66		99.90	0.008448	2.17	8.48	7.52	0.65
Cascina	2084.00	Max WS	TR200_TP04H	22.52	97.70	99.78		100.07	0.009264	2.39	9.41	7.52	0.68
Cascina	2084.00	Max WS	TR200_TP06H	20.98	97.70	99.74		100.01	0.008924	2.31	9.08	7.52	0.67
Cascina	2084.00	Max WS	TR200_TP08H	19.67	97.70	99.70		99.95	0.008643	2.24	8.79	7.52	0.66
Cascina	2084.00	Max WS	TR030_TP05H	12.23	97.70	99.60		99.72	0.004377	1.52	8.04	7.52	0.47
Cascina	2084.00	Max WS	TR030_TP01H	12.28	97.70	99.60		99.72	0.004411	1.53	8.04	7.52	0.47
Cascina	2084.00	Max WS	TR030_TP02H	17.48	97.70	99.64		99.86	0.007943	2.09	8.36	7.52	0.63
Cascina	2084.00	Max WS	TR030_TP03H	17.83	97.70	99.64		99.87	0.008238	2.13	8.37	7.52	0.64
Cascina	2084.00	Max WS	TR030_TP04H	17.36	97.70	99.63		99.85	0.008063	2.10	8.28	7.52	0.64
Cascina	2084.00	Max WS	TR030_TP06H	12.26	97.70	99.60		99.72	0.004397	1.52	8.04	7.52	0.47
Cascina	2084.00	Max WS	TR030_TP08H	12.12	97.70	99.60		99.72	0.004246	1.50	8.07	7.52	0.46
Cascina	2069.00	Max WS	TR200_TP03H	21.43	97.73	99.66		99.99	0.010719	2.53	8.48	7.14	0.74
Cascina	2069.00	Max WS	TR200_TP01H	19.52	97.73	99.61		99.91	0.010292	2.42	8.		

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Cascina	2069.00	Max WS	TR200_TP08H	18.30	97.73	99.57		99.85	0.010009	2.35	7.80	7.14	0.72
Cascina	2069.00	Max WS	TR030_TP05H	13.32	97.73	99.36		99.58	0.008973	2.11	6.31	6.41	0.68
Cascina	2069.00	Max WS	TR030_TP01H	14.33	97.73	99.54		99.72	0.006625	1.88	7.61	7.14	0.58
Cascina	2069.00	Max WS	TR030_TP02H	16.37	97.73	99.56		99.79	0.008276	2.12	7.72	7.14	0.65
Cascina	2069.00	Max WS	TR030_TP03H	16.42	97.73	99.56		99.79	0.008278	2.12	7.73	7.14	0.65
Cascina	2069.00	Max WS	TR030_TP04H	14.96	97.73	99.56		99.75	0.006929	1.94	7.71	7.14	0.60
Cascina	2069.00	Max WS	TR030_TP06H	14.52	97.73	99.55		99.73	0.006630	1.89	7.67	7.14	0.58
Cascina	2069.00	Max WS	TR030_TP08H	13.46	97.73	99.50		99.67	0.006557	1.84	7.32	7.14	0.58
Cascina	2039.00	Max WS	TR200_TP03H	25.78	97.17	99.26		99.57	0.009104	2.47	10.44	8.08	0.69
Cascina	2039.00	Max WS	TR200_TP01H	23.95	97.17	99.19		99.49	0.009246	2.42	9.89	8.08	0.70
Cascina	2039.00	Max WS	TR200_TP02H	25.72	97.17	99.26		99.57	0.009105	2.47	10.42	8.08	0.69
Cascina	2039.00	Max WS	TR200_TP05H	21.47	97.17	99.08		99.37	0.009810	2.38	9.01	8.08	0.72
Cascina	2039.00	Max WS	TR200_TP04H	25.26	97.17	99.24		99.55	0.009126	2.46	10.29	8.08	0.69
Cascina	2039.00	Max WS	TR200_TP06H	23.93	97.17	99.19		99.49	0.009263	2.42	9.87	8.08	0.70
Cascina	2039.00	Max WS	TR200_TP08H	22.72	97.17	99.14		99.43	0.009403	2.39	9.49	8.08	0.71
Cascina	2039.00	Max WS	TR030_TP05H	17.20	97.17	98.81		99.12	0.011262	2.48	6.92	6.60	0.77
Cascina	2039.00	Max WS	TR030_TP01H	19.62	97.17	98.95		99.26	0.011970	2.47	7.95	8.08	0.79
Cascina	2039.00	Max WS	TR030_TP02H	20.99	97.17	99.05		99.34	0.010174	2.39	8.77	8.08	0.73
Cascina	2039.00	Max WS	TR030_TP03H	20.88	97.17	99.05		99.34	0.010027	2.38	8.78	8.08	0.73
Cascina	2039.00	Max WS	TR030_TP04H	20.65	97.17	99.03		99.33	0.010435	2.40	8.61	8.08	0.74
Cascina	2039.00	Max WS	TR030_TP06H	19.47	97.17	98.98		99.27	0.010879	2.38	8.17	8.08	0.76
Cascina	2039.00	Max WS	TR030_TP08H	18.68	97.17	98.88		99.21	0.011532	2.51	7.43	7.09	0.78
Cascina	2009.00	Max WS	TR200_TP03H	31.96	96.60	98.79		99.13	0.010590	2.58	12.40	11.24	0.78
Cascina	2009.00	Max WS	TR200_TP01H	29.58	96.60	98.74		99.06	0.010562	2.51	11.76	11.10	0.78
Cascina	2009.00	Max WS	TR200_TP02H	31.88	96.60	98.79		99.13	0.010583	2.58	12.38	11.24	0.78
Cascina	2009.00	Max WS	TR200_TP05H	25.30	96.60	98.67		98.94	0.009257	2.29	11.06	10.95	0.73
Cascina	2009.00	Max WS	TR200_TP04H	31.29	96.60	98.78		99.11	0.010580	2.56	12.22	11.20	0.78
Cascina	2009.00	Max WS	TR200_TP06H	29.54	96.60	98.74		99.06	0.010568	2.51	11.75	11.09	0.78
Cascina	2009.00	Max WS	TR200_TP08H	27.94	96.60	98.70		99.01	0.010598	2.47	11.30	11.00	0.78
Cascina	2009.00	Max WS	TR030_TP05H	19.06	96.60	98.47		98.70	0.009325	2.14	8.93	9.93	0.72
Cascina	2009.00	Max WS	TR030_TP01H	22.32	96.60	98.59		98.83	0.009449	2.21	10.10	10.77	0.73
Cascina	2009.00	Max WS	TR030_TP02H	24.90	96.60	98.66		98.93	0.009389	2.29	10.89	10.92	0.73
Cascina	2009.00	Max WS	TR030_TP03H	25.00	96.60	98.66		98.93	0.009407	2.29	10.91	10.92	0.73
Cascina	2009.00	Max WS	TR030_TP04H	24.14	96.60	98.65		98.90	0.009165	2.24	10.75	10.89	0.72
Cascina	2009.00	Max WS	TR030_TP06H	22.01	96.60	98.60		98.83	0.008791	2.15	10.25	10.79	0.70
Cascina	2009.00	Max WS	TR030_TP08H	20.78	96.60	98.53		98.77	0.009242	2.18	9.54	10.24	0.72
Cascina	1979.00	Max WS	TR200_TP03H	31.07	96.53	98.31	98.34	98.91	0.020499	3.43	9.05	8.12	1.04
Cascina	1979.00	Max WS	TR200_TP01H	29.04	96.53	98.26	98.28	98.83	0.019627	3.35	8.67	7.83	1.02
Cascina	1979.00	Max WS	TR200_TP02H	31.02	96.53	98.31	98.34	98.91	0.020495	3.43	9.04	8.12	1.04
Cascina	1979.00	Max WS	TR200_TP05H	25.97	96.53	98.19	98.17	98.71	0.018537	3.19	8.13	7.58	0.98
Cascina	1979.00	Max WS	TR200_TP04H	30.52	96.53	98.29	98.32	98.89	0.020539	3.41	8.94	8.12	1.04
Cascina	1979.00	Max WS	TR200_TP06H	28.98	96.53	98.26	98.28	98.83	0.019604	3.34	8.67	7.83	1.01
Cascina	1979.00	Max WS	TR200_TP08H	27.51	96.53	98.23	98.23	98.77	0.019061	3.27	8.41	7.71	1.00
Cascina	1979.00	Max WS	TR030_TP05H	19.10	96.53	97.99	97.96	98.41	0.017758	2.86	6.68	7.28	0.95
Cascina	1979.00	Max WS	TR030_TP01H	22.63	96.53	98.11	98.07	98.57	0.017482	3.00	7.53	7.43	0.95
Cascina	1979.00	Max WS	TR030_TP02H	25.39	96.53	98.18	98.16	98.69	0.018320	3.16	8.03	7.53	0.98
Cascina	1979.00	Max WS	TR030_TP03H	25.51	96.53	98.18	98.16	98.69	0.018436	3.17	8.04	7.53	0.98
Cascina	1979.00	Max WS	TR030_TP04H	24.90	96.53	98.17	98.14	98.67	0.018075	3.13	7.95	7.50	0.97
Cascina	1979.00	Max WS	TR030_TP06H	23.01	96.53	98.12	98.09	98.59	0.017596	3.03	7.60	7.44	0.96
Cascina	1979.00	Max WS	TR030_TP08H	20.73	96.53	98.07		98.49	0.016578	2.87	7.23	7.37	0.93
Cascina	1949.00	Max WS	TR200_TP03H	26.31	95.86	97.77		98.11	0.010218	2.58	10.20	8.30	0.74
Cascina	1949.00	Max WS	TR200_TP01H	20.26	95.86	97.75		97.96	0.006396	2.02	10.02	8.30	0.59
Cascina	1949.00	Max WS	TR200_TP02H	26.22	95.86	97.77		98.11	0.010176	2.57	10.19	8.30	0.74
Cascina	1949.00	Max WS	TR200_TP05H	20.05	95.86	97.76		97.96	0.006208	2.00	10.05	8.30	0.58
Cascina	1949.00	Max WS	TR200_TP04H	25.51	95.86	97.77		98.09	0.009818	2.52	10.13	8.30	0.73
Cascina	1949.00	Max WS	TR200_TP06H	23.33	95.86	97.75		98.03	0.008525	2.33	10.00	8.30	0.68
Cascina	1949.00	Max WS	TR200_TP08H	19.58	95.86	97.75		97.95	0.006015	1.96	10.00	8.30	0.57
Cascina	1949.00	Max WS	TR030_TP05H	17.42	95.86	97.59		97.79	0.007420	2.02	8.63	8.30	0.63
Cascina	1949.00	Max WS	TR030_TP01H	17.73	95.86	97.73		97.89	0.005217	1.81	9.81	8.30	0.53
Cascina	1949.00	Max WS	TR030_TP02H	19.99	95.86	97.75		97.95	0.006252	2.00	10.01	8.30	0.58
Cascina	1949.00	Max WS	TR030_TP03H	19.77	95.86	97.75		97.95	0.006121	1.98	10.00	8.30	0.58
Cascina	1949.00	Max WS	TR030_TP04H	19.77	95.86	97.75		97.95	0.006139	1.98	9.99	8.30	0.58
Cascina	1949.00	Max WS	TR030_TP06H	18.78	95.86	97.74		97.92	0.005717	1.90	9.89	8.30	0.56
Cascina	1949.00	Max WS	TR030_TP08H	16.87	95.86	97.72		97.87	0.004875	1.74	9.71	8.30	0.51
Cascina	1919.00	Max WS	TR200_TP03H	25.18	95.43	97.45		97.82	0.011460	2.69	9.37	7.00	0.74
Cascina	1919.00	Max WS	TR200_TP01H	23.26	95.43	97.36		97.72	0.011860	2.65	8.77	7.00	0.76
Cascina	1919.00	Max WS	TR200_TP02H	25.13	95.43	97.45		97.81	0.011462	2.69	9.35	7.00	0.74
Cascina	1919.00	Max WS	TR200_TP05H	21.32	95.43	97.24		97.61	0.013381	2.68	7.95	7.00	0.80
Cascina	1919.00	Max WS	TR200_TP04H	24.62	95.43	97.42		97.79	0.011556	2.68	9.20	7.00	0.75
Cascina	1919.00	Max WS	TR200_TP06H	23.19	95.43	97.36		97.72	0.011889	2.65	8.75	7.00	0.76
Cascina	1919.00	Max WS	TR200_TP08H	22.05	95.43	97.30		97.66	0.012422	2.65	8.33	7.00	0.77
Cascina	1919.00	Max WS	TR030_TP05H	18.41	95.43	97.01	97.00	97.45	0.019931	2.91	6.32	7.00	0.98
Cascina	1919.00	Max WS	TR030_TP01H	19.65	95.43	97.16		97.52	0.014456	2.68	7.34	7.00	0.84
Cascina	1919.00	Max WS	TR030_TP02H	21.26	95.43	97.23		97.60	0.013845	2.71	7.84	7.00	0.82
Cascina	1919.00	Max WS	TR030_TP03H	21.43	95.43	97.23		97.61	0.013959	2.73	7.86	7.00	0.82
Cascina	1919.00	Max WS	TR030_TP04H	21.04	95.43	97.21		97.59	0.014289	2.73	7.71	7.00	0.83
Cascina	1919.00	Max WS	TR030_TP06H	20.07	95.43	97.14		97.53	0.015825	2.78	7.22	7.00	0.87
Cascina	1919.00	Max WS	TR030_TP08H	19.10	95.43	97.07		97.48	0.017657	2.83	6.74	7.00	0.92
Cascina	1889.00	Max WS	TR200_TP03H	31.95	94.94	96.97		97.33	0.009535	2.63	12.17	9.43	0.74
Cascina	1889.00	Max WS	TR200_TP01H	29.37	94.94	96.89		97.23	0.009726	2.58	11.39	9.27	0.74
Cascina	1889.00	Max WS	TR200_TP02H	31.88	94.94	96.97		97.32	0.009532	2.62	12.15	9.42	0.74
Cascina	1889.00	Max WS	TR200_TP05H	25.99	94.94	96.79		97.10	0.009771	2.49	10.43	9.07	0.74
Cascina	1889.00	Max WS	TR200_TP04H	31.21	94.94	96.95		97.30	0.009608	2.62	11.93	9.38	0.74
Cascina	1889.00	Max WS	TR200_TP06H	29.28	94.94	96.89		97.23	0.009739	2.58	11.35	9.26	0.74
Cascina	1889.00	Max WS	TR200_TP08H	27.59	94.94	96.83		97.16	0.009802	2.54	10.87	9.16	0.74
Cascina	1889.00	Max WS	TR030_TP05H	19.53	94.94	96.58		96.84	0.009579	2.27	8.62	8.67	0.73
Cascina	1889.00	Max WS	TR030_TP01H	23.22	94.94	96.72		97.00	0.009306	2.37	9.81	8.93	0.72
Cascina	1889.00	Max WS	TR030_TP02H	25.77	94.94	96.78		97.09	0.009789	2.49	10.37</		

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Cascina	1859.00	Max WS	TR200_TP02H	34.05	94.53	96.71		97.01	0.007569	2.43	14.00	10.12	0.66
Cascina	1859.00	Max WS	TR200_TP05H	24.63	94.53	96.65		96.82	0.004479	1.83	13.44	10.12	0.51
Cascina	1859.00	Max WS	TR200_TP04H	33.18	94.53	96.70		96.99	0.007372	2.39	13.88	10.12	0.65
Cascina	1859.00	Max WS	TR200_TP06H	30.70	94.53	96.67		96.93	0.006726	2.26	13.59	10.12	0.62
Cascina	1859.00	Max WS	TR200_TP08H	24.84	94.53	96.66		96.83	0.004503	1.84	13.49	10.12	0.51
Cascina	1859.00	Max WS	TR030_TP05H	19.13	94.53	96.46		96.60	0.004285	1.66	11.51	9.98	0.49
Cascina	1859.00	Max WS	TR030_TP01H	22.38	94.53	96.62		96.77	0.003959	1.70	13.14	10.12	0.48
Cascina	1859.00	Max WS	TR030_TP02H	24.84	94.53	96.66		96.83	0.004501	1.84	13.49	10.12	0.51
Cascina	1859.00	Max WS	TR030_TP03H	24.81	94.53	96.66		96.83	0.004487	1.84	13.50	10.12	0.51
Cascina	1859.00	Max WS	TR030_TP04H	24.73	94.53	96.66		96.83	0.004458	1.83	13.50	10.12	0.51
Cascina	1859.00	Max WS	TR030_TP06H	22.30	94.53	96.62		96.77	0.003963	1.70	13.11	10.12	0.48
Cascina	1859.00	Max WS	TR030_TP08H	21.20	94.53	96.51		96.67	0.004635	1.76	12.04	10.12	0.52
Cascina	1850	Max WS	TR200_TP03H	29.40	94.37	96.83		97.03	0.004814	1.99	14.80	9.85	0.52
Cascina	1850	Max WS	TR200_TP01H	26.80	94.37	96.76		96.94	0.004578	1.89	14.15	9.85	0.50
Cascina	1850	Max WS	TR200_TP02H	29.33	94.37	96.82		97.03	0.004807	1.98	14.79	9.85	0.52
Cascina	1850	Max WS	TR200_TP05H	23.40	94.37	96.69		96.85	0.004037	1.74	13.49	9.85	0.47
Cascina	1850	Max WS	TR200_TP04H	28.63	94.37	96.81		97.00	0.004749	1.96	14.61	9.85	0.51
Cascina	1850	Max WS	TR200_TP06H	26.70	94.37	96.76		96.94	0.004567	1.89	14.13	9.85	0.50
Cascina	1850	Max WS	TR200_TP08H	25.03	94.37	96.72		96.89	0.004368	1.82	13.74	9.85	0.49
Cascina	1850	Max WS	TR030_TP05H	19.02	94.37	96.42		96.58	0.005203	1.76	10.83	9.85	0.53
Cascina	1850	Max WS	TR030_TP01H	20.40	94.37	96.64		96.76	0.003469	1.58	12.95	9.85	0.44
Cascina	1850	Max WS	TR030_TP02H	22.92	94.37	96.68		96.83	0.003946	1.71	13.41	9.85	0.47
Cascina	1850	Max WS	TR030_TP03H	22.91	94.37	96.68		96.83	0.003938	1.71	13.41	9.85	0.47
Cascina	1850	Max WS	TR030_TP04H	22.39	94.37	96.68		96.82	0.003814	1.68	13.35	9.85	0.46
Cascina	1850	Max WS	TR030_TP06H	20.51	94.37	96.64		96.77	0.003494	1.58	12.97	9.85	0.44
Cascina	1850	Max WS	TR030_TP08H	20.81	94.37	96.47		96.65	0.005414	1.84	11.34	9.85	0.55
Cascina	1840	Max WS	TR200_TP03H	23.15	93.73	96.91	95.74	97.03	0.003126	1.53	15.15	9.62	0.39
Cascina	1840	Max WS	TR200_TP01H	21.56	93.73	96.83	95.67	96.94	0.003179	1.50	14.38	9.62	0.39
Cascina	1840	Max WS	TR200_TP02H	23.11	93.73	96.90	95.74	97.02	0.003124	1.53	15.14	9.62	0.39
Cascina	1840	Max WS	TR200_TP05H	19.91	93.73	96.73	95.58	96.84	0.003317	1.48	13.45	9.62	0.40
Cascina	1840	Max WS	TR200_TP04H	22.64	93.73	96.88	95.72	97.00	0.003126	1.52	14.93	9.62	0.39
Cascina	1840	Max WS	TR200_TP06H	21.50	93.73	96.82	95.67	96.94	0.003180	1.50	14.35	9.62	0.39
Cascina	1840	Max WS	TR200_TP08H	20.55	93.73	96.77	95.62	96.88	0.003224	1.48	13.86	9.62	0.39
Cascina	1840	Max WS	TR030_TP05H	18.70	93.73	96.36	95.53	96.54	0.007474	1.89	9.92	9.62	0.59
Cascina	1840	Max WS	TR030_TP01H	17.87	93.73	96.66	95.48	96.76	0.003120	1.40	12.79	9.62	0.39
Cascina	1840	Max WS	TR030_TP02H	19.68	93.73	96.72	95.57	96.83	0.003332	1.48	13.33	9.62	0.40
Cascina	1840	Max WS	TR030_TP03H	19.69	93.73	96.72	95.58	96.83	0.003331	1.48	13.33	9.62	0.40
Cascina	1840	Max WS	TR030_TP04H	19.41	93.73	96.71	95.56	96.82	0.003312	1.47	13.23	9.62	0.40
Cascina	1840	Max WS	TR030_TP06H	17.92	93.73	96.66	95.49	96.76	0.003121	1.40	12.81	9.62	0.39
Cascina	1840	Max WS	TR030_TP08H	19.92	93.73	96.43	95.58	96.61	0.006960	1.88	10.57	9.62	0.57
Cascina	1835												
Cascina	1830	Max WS	TR200_TP03H	23.15	93.73	96.50		96.74	0.008016	2.18	10.60	8.13	0.61
Cascina	1830	Max WS	TR200_TP01H	21.56	93.73	96.41		96.65	0.008764	2.20	9.82	8.13	0.64
Cascina	1830	Max WS	TR200_TP02H	23.11	93.73	96.50		96.74	0.008019	2.18	10.59	8.13	0.61
Cascina	1830	Max WS	TR200_TP05H	19.90	93.73	96.25		96.53	0.011309	2.32	8.57	8.13	0.72
Cascina	1830	Max WS	TR200_TP04H	22.64	93.73	96.48		96.72	0.008053	2.17	10.43	8.13	0.61
Cascina	1830	Max WS	TR200_TP06H	21.50	93.73	96.40		96.65	0.008780	2.19	9.80	8.13	0.64
Cascina	1830	Max WS	TR200_TP08H	20.55	93.73	96.34		96.59	0.009335	2.20	9.32	8.13	0.66
Cascina	1830	Max WS	TR030_TP05H	18.70	93.73	95.76		96.29	0.011279	3.22	5.81	4.70	0.79
Cascina	1830	Max WS	TR030_TP01H	17.87	93.73	96.09		96.40	0.014054	2.46	7.26	7.51	0.80
Cascina	1830	Max WS	TR030_TP02H	19.68	93.73	96.22		96.51	0.011989	2.36	8.35	8.13	0.74
Cascina	1830	Max WS	TR030_TP03H	19.69	93.73	96.23		96.51	0.011948	2.36	8.36	8.13	0.74
Cascina	1830	Max WS	TR030_TP04H	19.40	93.73	96.20		96.49	0.012492	2.38	8.16	8.13	0.76
Cascina	1830	Max WS	TR030_TP06H	17.88	93.73	96.08		96.40	0.014202	2.48	7.22	7.43	0.80
Cascina	1830	Max WS	TR030_TP08H	20.28	93.73	95.85		96.41	0.011169	3.31	6.12	5.16	0.80
Cascina	1829.99												
Cascina	1829.98												
Cascina	1829.67	Max WS	TR200_TP03H	24.37	94.10	96.49		96.67	0.005090	1.92	12.71	9.25	0.52
Cascina	1829.67	Max WS	TR200_TP01H	22.66	94.10	96.39		96.58	0.005479	1.92	11.82	9.25	0.54
Cascina	1829.67	Max WS	TR200_TP02H	24.34	94.10	96.48		96.67	0.005098	1.92	12.69	9.25	0.52
Cascina	1829.67	Max WS	TR200_TP05H	22.26	94.10	96.14		96.41	0.008566	2.31	9.62	8.08	0.68
Cascina	1829.67	Max WS	TR200_TP04H	23.96	94.10	96.46		96.65	0.005210	1.92	12.47	9.25	0.53
Cascina	1829.67	Max WS	TR200_TP06H	22.63	94.10	96.38		96.57	0.005529	1.92	11.77	9.25	0.54
Cascina	1829.67	Max WS	TR200_TP08H	22.36	94.10	96.29		96.50	0.006867	2.06	10.87	9.25	0.61
Cascina	1829.67	Max WS	TR030_TP05H	19.36	94.10	95.67	95.70	96.18	0.020747	3.17	6.12	6.33	1.03
Cascina	1829.67	Max WS	TR030_TP01H	20.03	94.10	95.95		96.26	0.011207	2.46	8.13	7.76	0.77
Cascina	1829.67	Max WS	TR030_TP02H	22.07	94.10	96.10		96.39	0.009365	2.38	9.27	8.01	0.71
Cascina	1829.67	Max WS	TR030_TP03H	22.07	94.10	96.10		96.39	0.009303	2.38	9.29	8.01	0.70
Cascina	1829.67	Max WS	TR030_TP04H	21.83	94.10	96.06		96.36	0.010072	2.44	8.96	7.94	0.73
Cascina	1829.67	Max WS	TR030_TP06H	19.99	94.10	95.95		96.26	0.011280	2.47	8.10	7.76	0.77
Cascina	1829.67	Max WS	TR030_TP08H	21.25	94.10	95.76	95.80	96.28	0.020897	3.19	6.65	6.89	1.04
Cascina	1829.00	Max WS	TR200_TP03H	29.20	93.88	96.20		96.51	0.007228	2.47	11.80	7.60	0.63
Cascina	1829.00	Max WS	TR200_TP01H	27.37	93.88	96.08		96.40	0.007823	2.50	10.94	7.45	0.66
Cascina	1829.00	Max WS	TR200_TP02H	29.16	93.88	96.19		96.51	0.007244	2.48	11.78	7.60	0.63
Cascina	1829.00	Max WS	TR200_TP05H	25.19	93.88	95.82		96.22	0.011212	2.78	9.05	7.10	0.79
Cascina	1829.00	Max WS	TR200_TP04H	28.77	93.88	96.16		96.48	0.007454	2.49	11.54	7.55	0.64
Cascina	1829.00	Max WS	TR200_TP06H	27.32	93.88	96.08		96.40	0.007877	2.51	10.90	7.44	0.66
Cascina	1829.00	Max WS	TR200_TP08H	26.39	93.88	95.97		96.32	0.009067	2.61	10.10	7.29	0.71
Cascina	1829.00	Max WS	TR030_TP05H	20.07	93.88	95.47	95.43	95.94	0.016958	3.03	6.62	6.46	0.96
Cascina	1829.00	Max WS	TR030_TP01H	22.15	93.88	95.64		96.05	0.013437	2.86	7.75	6.88	0.86
Cascina	1829.00	Max WS	TR030_TP02H	24.72	93.88	95.78		96.19	0.011881	2.83	8.75	7.05	0.81
Cascina	1829.00	Max WS	TR030_TP03H	24.76	93.88	95.78		96.19	0.011834	2.82	8.77	7.05	0.81
Cascina	1829.00	Max WS	TR030_TP04H	24.25	93.88	95.74		96.16	0.012475	2.86	8.48	7.00	0.83
Cascina	1829.00	Max WS	TR030_TP06H	22.12	93.88	95.63		96.05	0.013587	2.87	7.71	6.87	0.86
Cascina	1829.00	Max WS	TR030_TP08H	22.29	93.88	95.55	95.52	96.04	0.016743	3.10	7.19	6.68	0.95
Cascina	1799.00	Max WS	TR200_TP03H	36.58	93.12	95.91		96.18	0.005188	2.32	15.78	7.58	0.51
Cascina	1799.00	Max WS	TR200_TP01H	34.63	93.12	95.77		96.05	0.005665	2.35	14.71	7.58	0.54
Cascina	1799.00	Max WS	TR200_TP02H	36.52	93.12	95.90		96.18	0.005189	2.32	15.76	7.58	0.51
Cascina	1799.00	Max WS	TR200_TP05H	29.58	93.12	95.56		95.82	0.005694	2.25	13.15	7.58	0.54
Cascina	1799.00	Max WS	TR200_TP04H	36.03	93.12	95.87		96.14	0.005302	2.33	15.49		

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Cascina	1799.00	Max WS	TR030_TP0.5H	20.24	93.12	95.27		95.44	0.004579	1.85	10.92	7.58	0.49
Cascina	1799.00	Max WS	TR030_TP01H	24.97	93.12	95.42		95.63	0.005212	2.07	12.06	7.58	0.52
Cascina	1799.00	Max WS	TR030_TP02H	28.64	93.12	95.53		95.78	0.005606	2.21	12.93	7.58	0.54
Cascina	1799.00	Max WS	TR030_TP03H	28.72	93.12	95.53		95.78	0.005624	2.22	12.94	7.58	0.54
Cascina	1799.00	Max WS	TR030_TP04H	27.76	93.12	95.50		95.75	0.005511	2.18	12.73	7.58	0.54
Cascina	1799.00	Max WS	TR030_TP06H	24.91	93.12	95.41		95.63	0.005242	2.07	12.02	7.58	0.53
Cascina	1799.00	Max WS	TR030_TP08H	22.74	93.12	95.35		95.54	0.004916	1.97	11.54	7.58	0.51
Cascina	1769.00	Max WS	TR200_TP03H	41.18	92.94	95.55		95.91	0.007574	2.66	15.49	9.57	0.67
Cascina	1769.00	Max WS	TR200_TP01H	37.43	92.94	95.49		95.81	0.006965	2.50	14.95	9.57	0.64
Cascina	1769.00	Max WS	TR200_TP02H	41.09	92.94	95.55		95.90	0.007557	2.65	15.49	9.57	0.67
Cascina	1769.00	Max WS	TR200_TP0.5H	30.48	92.94	95.39		95.63	0.005588	2.18	13.98	9.45	0.57
Cascina	1769.00	Max WS	TR200_TP04H	40.15	92.94	95.53		95.88	0.007417	2.62	15.34	9.57	0.66
Cascina	1769.00	Max WS	TR200_TP06H	37.26	92.94	95.49		95.80	0.006940	2.50	14.92	9.57	0.64
Cascina	1769.00	Max WS	TR200_TP08H	34.40	92.94	95.44		95.73	0.006450	2.38	14.47	9.52	0.62
Cascina	1769.00	Max WS	TR030_TP0.5H	20.85	92.94	95.12		95.29	0.004571	1.81	11.53	9.14	0.51
Cascina	1769.00	Max WS	TR030_TP01H	25.62	92.94	95.26		95.46	0.005109	2.00	12.79	9.30	0.55
Cascina	1769.00	Max WS	TR030_TP02H	29.36	92.94	95.37		95.60	0.005397	2.13	13.79	9.43	0.56
Cascina	1769.00	Max WS	TR030_TP03H	29.43	92.94	95.37		95.60	0.005407	2.13	13.80	9.43	0.56
Cascina	1769.00	Max WS	TR030_TP04H	28.44	92.94	95.34		95.57	0.005312	2.10	13.56	9.40	0.56
Cascina	1769.00	Max WS	TR030_TP06H	25.54	92.94	95.25		95.46	0.005143	2.01	12.73	9.29	0.55
Cascina	1769.00	Max WS	TR030_TP08H	23.39	92.94	95.20		95.38	0.004883	1.92	12.20	9.23	0.53
Cascina	1739.00	Max WS	TR200_TP03H	33.98	92.96	95.11	95.14	95.73	0.020047	3.50	9.70	8.43	1.04
Cascina	1739.00	Max WS	TR200_TP01H	31.98	92.96	95.04	95.09	95.66	0.021167	3.51	9.12	8.31	1.07
Cascina	1739.00	Max WS	TR200_TP02H	33.94	92.96	95.10	95.14	95.73	0.020071	3.50	9.69	8.43	1.04
Cascina	1739.00	Max WS	TR200_TP0.5H	28.33	92.96	94.90	94.99	95.54	0.024370	3.55	7.99	8.07	1.14
Cascina	1739.00	Max WS	TR200_TP04H	33.40	92.96	95.09	95.13	95.71	0.020343	3.50	9.54	8.40	1.05
Cascina	1739.00	Max WS	TR200_TP06H	31.87	92.96	95.03	95.08	95.66	0.021257	3.51	9.09	8.30	1.07
Cascina	1739.00	Max WS	TR200_TP08H	30.15	92.96	94.97	95.04	95.60	0.022219	3.50	8.61	8.20	1.09
Cascina	1739.00	Max WS	TR030_TP0.5H	20.74	92.96	94.62	94.73	95.23	0.026399	3.47	5.97	6.55	1.16
Cascina	1739.00	Max WS	TR030_TP01H	24.83	92.96	94.79	94.89	95.40	0.023571	3.48	7.14	7.19	1.11
Cascina	1739.00	Max WS	TR030_TP02H	27.58	92.96	94.88	94.97	95.51	0.024655	3.53	7.81	8.03	1.14
Cascina	1739.00	Max WS	TR030_TP03H	27.63	92.96	94.88	94.97	95.51	0.024658	3.53	7.82	8.03	1.14
Cascina	1739.00	Max WS	TR030_TP04H	26.78	92.96	94.85	94.95	95.48	0.023726	3.50	7.64	7.68	1.12
Cascina	1739.00	Max WS	TR030_TP06H	24.62	92.96	94.78	94.89	95.39	0.023400	3.46	7.12	7.18	1.11
Cascina	1739.00	Max WS	TR030_TP08H	22.86	92.96	94.71	94.81	95.32	0.025049	3.48	6.57	6.93	1.14
Cascina	1709.00	Max WS	TR200_TP03H	30.36	92.00	94.60		94.85	0.006295	2.22	13.65	9.19	0.58
Cascina	1709.00	Max WS	TR200_TP01H	28.20	92.00	94.51		94.75	0.006578	2.20	12.80	9.19	0.60
Cascina	1709.00	Max WS	TR200_TP02H	30.28	92.00	94.60		94.85	0.006285	2.22	13.63	9.19	0.58
Cascina	1709.00	Max WS	TR200_TP0.5H	25.29	92.00	94.31		94.58	0.007344	2.29	11.03	8.19	0.63
Cascina	1709.00	Max WS	TR200_TP04H	29.64	92.00	94.57		94.82	0.006322	2.21	13.41	9.19	0.58
Cascina	1709.00	Max WS	TR200_TP06H	28.11	92.00	94.50		94.75	0.006616	2.20	12.75	9.19	0.60
Cascina	1709.00	Max WS	TR200_TP08H	26.82	92.00	94.42		94.68	0.007191	2.23	12.02	9.19	0.62
Cascina	1709.00	Max WS	TR030_TP0.5H	19.21	92.00	94.01		94.25	0.006895	2.19	8.78	6.62	0.61
Cascina	1709.00	Max WS	TR030_TP01H	22.12	92.00	94.22		94.45	0.006613	2.15	10.28	7.77	0.60
Cascina	1709.00	Max WS	TR030_TP02H	24.59	92.00	94.29		94.55	0.007255	2.27	10.82	8.08	0.63
Cascina	1709.00	Max WS	TR030_TP03H	24.42	92.00	94.29		94.55	0.007138	2.25	10.83	8.08	0.62
Cascina	1709.00	Max WS	TR030_TP04H	23.61	92.00	94.28		94.52	0.006803	2.20	10.74	8.03	0.61
Cascina	1709.00	Max WS	TR030_TP06H	21.82	92.00	94.22		94.45	0.006414	2.12	10.29	7.78	0.59
Cascina	1709.00	Max WS	TR030_TP08H	20.90	92.00	94.11		94.36	0.007084	2.20	9.50	7.34	0.62
Cascina	1679.00	Max WS	TR200_TP03H	31.13	91.91	94.20		94.58	0.009640	2.76	11.28	7.45	0.72
Cascina	1679.00	Max WS	TR200_TP01H	28.88	91.91	94.10		94.48	0.010014	2.74	10.55	7.35	0.73
Cascina	1679.00	Max WS	TR200_TP02H	31.12	91.91	94.19		94.58	0.009659	2.76	11.26	7.45	0.72
Cascina	1679.00	Max WS	TR200_TP0.5H	25.11	91.91	93.97		94.32	0.009753	2.60	9.65	7.23	0.72
Cascina	1679.00	Max WS	TR200_TP04H	30.47	91.91	94.17		94.55	0.009776	2.76	11.05	7.42	0.72
Cascina	1679.00	Max WS	TR200_TP06H	28.76	91.91	94.09		94.47	0.010050	2.74	10.51	7.35	0.73
Cascina	1679.00	Max WS	TR200_TP08H	27.09	91.91	94.03		94.40	0.010154	2.70	10.04	7.28	0.73
Cascina	1679.00	Max WS	TR030_TP0.5H	18.39	91.91	93.81		94.05	0.007610	2.17	8.47	7.07	0.63
Cascina	1679.00	Max WS	TR030_TP01H	21.59	91.91	93.87		94.17	0.009165	2.43	8.88	7.12	0.70
Cascina	1679.00	Max WS	TR030_TP02H	24.48	91.91	93.95		94.29	0.009732	2.58	9.49	7.21	0.72
Cascina	1679.00	Max WS	TR030_TP03H	24.51	91.91	93.95		94.29	0.009745	2.58	9.49	7.21	0.72
Cascina	1679.00	Max WS	TR030_TP04H	23.92	91.91	93.93		94.27	0.009717	2.56	9.34	7.19	0.72
Cascina	1679.00	Max WS	TR030_TP06H	22.34	91.91	93.87		94.19	0.009686	2.51	8.91	7.13	0.72
Cascina	1679.00	Max WS	TR030_TP08H	20.57	91.91	93.85		94.13	0.008726	2.36	8.73	7.10	0.68
Cascina	1649.00	Max WS	TR200_TP03H	30.05	91.33	93.84		94.28	0.012466	2.92	10.30	7.73	0.81
Cascina	1649.00	Max WS	TR200_TP01H	27.61	91.33	93.77		94.18	0.012112	2.83	9.75	7.53	0.79
Cascina	1649.00	Max WS	TR200_TP02H	30.01	91.33	93.84		94.28	0.012487	2.92	10.28	7.72	0.81
Cascina	1649.00	Max WS	TR200_TP0.5H	23.99	91.33	93.67		94.03	0.011546	2.68	8.96	7.33	0.77
Cascina	1649.00	Max WS	TR200_TP04H	29.32	91.33	93.82		94.25	0.012365	2.89	10.13	7.67	0.80
Cascina	1649.00	Max WS	TR200_TP06H	27.47	91.33	93.77		94.17	0.012082	2.82	9.72	7.52	0.79
Cascina	1649.00	Max WS	TR200_TP08H	25.76	91.33	93.72		94.10	0.011826	2.76	9.35	7.41	0.78
Cascina	1649.00	Max WS	TR030_TP0.5H	18.36	91.33	93.45		93.76	0.011416	2.47	7.44	6.96	0.76
Cascina	1649.00	Max WS	TR030_TP01H	21.24	91.33	93.59		93.91	0.010864	2.53	8.40	7.20	0.75
Cascina	1649.00	Max WS	TR030_TP02H	23.31	91.33	93.65		94.00	0.011359	2.64	8.83	7.30	0.77
Cascina	1649.00	Max WS	TR030_TP03H	23.19	91.33	93.65		94.00	0.011119	2.62	8.87	7.30	0.76
Cascina	1649.00	Max WS	TR030_TP04H	22.68	91.33	93.64		93.98	0.010890	2.58	8.79	7.29	0.75
Cascina	1649.00	Max WS	TR030_TP06H	21.07	91.33	93.59		93.91	0.010522	2.49	8.44	7.21	0.74
Cascina	1649.00	Max WS	TR030_TP08H	19.94	91.33	93.52		93.84	0.011364	2.52	7.90	7.08	0.76
Cascina	1619.00	Max WS	TR200_TP03H	32.45	91.26	93.37	93.37	93.92	0.018309	3.30	9.83	8.88	1.00
Cascina	1619.00	Max WS	TR200_TP01H	29.89	91.26	93.30	93.30	93.83	0.018619	3.24	9.23	8.75	1.01
Cascina	1619.00	Max WS	TR200_TP02H	32.41	91.26	93.37	93.37	93.92	0.018295	3.30	9.83	8.87	1.00
Cascina	1619.00	Max WS	TR200_TP0.5H	26.00	91.26	93.20	93.20	93.69	0.018783	3.11	8.36	8.56	1.00
Cascina	1619.00	Max WS	TR200_TP04H	31.70	91.26	93.35	93.34	93.90	0.018348	3.28	9.67	8.84	1.00
Cascina	1619.00	Max WS	TR200_TP06H	29.67	91.26	93.30	93.29	93.83	0.018506	3.22	9.21	8.74	1.00
Cascina	1619.00	Max WS	TR200_TP08H	27.84	91.26	93.25	93.25	93.76	0.018550	3.16	8.80	8.66	1.00
Cascina	1619.00	Max WS	TR030_TP0.5H	19.36	91.26	92.98	92.98	93.42	0.019435	2.95	6.57	7.51	1.01
Cascina	1619.00	Max WS	TR030_TP01H	22.84	91.26	93.10	93.10	93.57	0.019104	3.02	7.57	8.26	1.01
Cascina	1619.00	Max WS	TR030_TP02H	25.25	91.26	93.18	93.18	93.66	0.018705	3.08	8.21	8.53	1.00
Cascina	1619.00	Max WS	TR030_TP03H	2									

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Cascina_SDonato	1600	Max WS	TR200_TP0.5H	39.39	90.89	92.98		93.27	0.006783	2.36	16.67	12.13	0.64
Cascina_SDonato	1600	Max WS	TR200_TP04H	52.05	90.89	93.17		93.55	0.009049	2.72	19.14	14.16	0.75
Cascina_SDonato	1600	Max WS	TR200_TP06H	49.46	90.89	93.13		93.49	0.008653	2.65	18.67	13.89	0.73
Cascina_SDonato	1600	Max WS	TR200_TP08H	45.83	90.89	93.10		93.43	0.007836	2.51	18.25	13.63	0.69
Cascina_SDonato	1600	Max WS	TR030_TP0.5H	28.70	90.89	92.72		92.95	0.006062	2.10	13.66	10.90	0.60
Cascina_SDonato	1600	Max WS	TR030_TP01H	35.25	90.89	92.90		93.16	0.006364	2.25	15.69	11.75	0.62
Cascina_SDonato	1600	Max WS	TR030_TP02H	39.44	90.89	92.98		93.27	0.006774	2.36	16.69	12.14	0.64
Cascina_SDonato	1600	Max WS	TR030_TP03H	39.64	90.89	92.99		93.27	0.006799	2.37	16.73	12.16	0.65
Cascina_SDonato	1600	Max WS	TR030_TP04H	38.15	90.89	92.96		93.23	0.006647	2.33	16.39	12.03	0.64
Cascina_SDonato	1600	Max WS	TR030_TP06H	34.82	90.89	92.89		93.14	0.006376	2.24	15.53	11.68	0.62
Cascina_SDonato	1600	Max WS	TR030_TP08H	32.09	90.89	92.81		93.06	0.006241	2.18	14.72	11.35	0.61
Cascina_SDonato	1599.99			Lat Struct									
Cascina_SDonato	1599.98			Lat Struct									
Cascina_SDonato	1589.00	Max WS	TR200_TP03H	53.33	90.66	92.86	92.83	93.50	0.015555	3.54	15.05	11.22	0.96
Cascina_SDonato	1589.00	Max WS	TR200_TP01H	47.37	90.66	92.76	92.72	93.35	0.015247	3.39	13.97	11.07	0.96
Cascina_SDonato	1589.00	Max WS	TR200_TP02H	52.61	90.66	92.85	92.81	93.48	0.015533	3.53	14.92	11.21	0.98
Cascina_SDonato	1589.00	Max WS	TR200_TP0.5H	39.23	90.66	92.61		93.12	0.014472	3.17	12.36	10.41	0.93
Cascina_SDonato	1589.00	Max WS	TR200_TP04H	52.27	90.66	92.84	92.81	93.47	0.015543	3.52	14.85	11.20	0.98
Cascina_SDonato	1589.00	Max WS	TR200_TP06H	49.53	90.66	92.80	92.76	93.40	0.015434	3.45	14.35	11.14	0.97
Cascina_SDonato	1589.00	Max WS	TR200_TP08H	45.80	90.66	92.73	92.69	93.31	0.015083	3.35	13.68	10.95	0.96
Cascina_SDonato	1589.00	Max WS	TR030_TP0.5H	28.54	90.66	92.44		92.81	0.011422	2.68	10.66	9.71	0.82
Cascina_SDonato	1589.00	Max WS	TR030_TP01H	35.38	90.66	92.55		93.01	0.013554	3.02	11.72	10.14	0.90
Cascina_SDonato	1589.00	Max WS	TR030_TP02H	39.44	90.66	92.61		93.13	0.014537	3.18	12.39	10.42	0.93
Cascina_SDonato	1589.00	Max WS	TR030_TP03H	39.53	90.66	92.62		93.13	0.014533	3.18	12.41	10.43	0.93
Cascina_SDonato	1589.00	Max WS	TR030_TP04H	38.00	90.66	92.59		93.09	0.014279	3.13	12.13	10.31	0.92
Cascina_SDonato	1589.00	Max WS	TR030_TP06H	34.31	90.66	92.54		92.98	0.013095	2.96	11.61	10.09	0.88
Cascina_SDonato	1589.00	Max WS	TR030_TP08H	32.08	90.66	92.50		92.92	0.012487	2.85	11.24	9.95	0.86
Cascina_SDonato	1559.00	Max WS	TR200_TP03H	45.08	90.19	92.55		93.11	0.013194	3.33	13.56	8.52	0.84
Cascina_SDonato	1559.00	Max WS	TR200_TP01H	41.03	90.19	92.47		92.98	0.012779	3.19	12.86	8.52	0.83
Cascina_SDonato	1559.00	Max WS	TR200_TP02H	44.66	90.19	92.54		93.10	0.013167	3.31	13.48	8.52	0.84
Cascina_SDonato	1559.00	Max WS	TR200_TP0.5H	33.62	90.19	92.44		92.80	0.009012	2.66	12.64	8.52	0.70
Cascina_SDonato	1559.00	Max WS	TR200_TP04H	44.39	90.19	92.53		93.09	0.013138	3.30	13.43	8.52	0.84
Cascina_SDonato	1559.00	Max WS	TR200_TP06H	42.60	90.19	92.50		93.03	0.012981	3.25	13.12	8.52	0.84
Cascina_SDonato	1559.00	Max WS	TR200_TP08H	34.60	90.19	92.46		92.83	0.009232	2.71	12.79	8.52	0.71
Cascina_SDonato	1559.00	Max WS	TR030_TP0.5H	25.42	90.19	92.32		92.56	0.006619	2.19	11.62	8.52	0.60
Cascina_SDonato	1559.00	Max WS	TR030_TP01H	30.54	90.19	92.40		92.71	0.008091	2.49	12.29	8.52	0.66
Cascina_SDonato	1559.00	Max WS	TR030_TP02H	33.68	90.19	92.46		92.81	0.008777	2.64	12.77	8.52	0.69
Cascina_SDonato	1559.00	Max WS	TR030_TP03H	33.92	90.19	92.46		92.82	0.008807	2.65	12.82	8.52	0.69
Cascina_SDonato	1559.00	Max WS	TR030_TP04H	32.73	90.19	92.45		92.79	0.008456	2.58	12.69	8.52	0.68
Cascina_SDonato	1559.00	Max WS	TR030_TP06H	30.09	90.19	92.42		92.71	0.007590	2.42	12.43	8.52	0.64
Cascina_SDonato	1559.00	Max WS	TR030_TP08H	28.13	90.19	92.36		92.64	0.007465	2.35	11.95	8.52	0.64
Cascina_SDonato	1544.00	Max WS	TR200_TP03H	40.73	90.16	92.34		92.89	0.015063	3.30	12.34	9.11	0.91
Cascina_SDonato	1544.00	Max WS	TR200_TP01H	36.79	90.16	92.28		92.78	0.013924	3.11	11.84	9.11	0.87
Cascina_SDonato	1544.00	Max WS	TR200_TP02H	41.50	90.16	92.34		92.92	0.015691	3.37	12.33	9.11	0.92
Cascina_SDonato	1544.00	Max WS	TR200_TP0.5H	32.99	90.16	92.11		92.63	0.014975	3.22	10.26	8.00	0.91
Cascina_SDonato	1544.00	Max WS	TR200_TP04H	38.64	90.16	92.32		92.84	0.014082	3.17	12.18	9.11	0.88
Cascina_SDonato	1544.00	Max WS	TR200_TP06H	37.34	90.16	92.26		92.79	0.015249	3.22	11.60	9.11	0.91
Cascina_SDonato	1544.00	Max WS	TR200_TP08H	36.79	90.16	92.23		92.77	0.016026	3.26	11.30	9.11	0.93
Cascina_SDonato	1544.00	Max WS	TR030_TP0.5H	26.35	90.16	91.92		92.37	0.013902	2.98	8.84	7.41	0.87
Cascina_SDonato	1544.00	Max WS	TR030_TP01H	30.50	90.16	92.04		92.54	0.014101	3.12	9.77	7.61	0.88
Cascina_SDonato	1544.00	Max WS	TR030_TP02H	32.79	90.16	92.11		92.63	0.014711	3.19	10.29	8.03	0.90
Cascina_SDonato	1544.00	Max WS	TR030_TP03H	32.93	90.16	92.12		92.63	0.014630	3.17	10.37	8.12	0.90
Cascina_SDonato	1544.00	Max WS	TR030_TP04H	32.05	90.16	92.11		92.60	0.014055	3.11	10.29	8.03	0.88
Cascina_SDonato	1544.00	Max WS	TR030_TP06H	30.15	90.16	92.07		92.53	0.013158	3.03	9.95	7.69	0.85
Cascina_SDonato	1544.00	Max WS	TR030_TP08H	28.60	90.16	92.01		92.47	0.013228	3.00	9.54	7.56	0.85
Cascina_SDonato	1529.00	Max WS	TR200_TP03H	45.33	89.99	92.02		92.61	0.015013	3.39	13.35	9.70	0.92
Cascina_SDonato	1529.00	Max WS	TR200_TP01H	39.76	89.99	91.95		92.46	0.013666	3.15	12.63	9.70	0.88
Cascina_SDonato	1529.00	Max WS	TR200_TP02H	44.58	89.99	92.01		92.59	0.014832	3.36	13.26	9.70	0.92
Cascina_SDonato	1529.00	Max WS	TR200_TP0.5H	35.13	89.99	91.84		92.31	0.013995	3.04	11.55	9.70	0.89
Cascina_SDonato	1529.00	Max WS	TR200_TP04H	45.88	89.99	92.01	91.97	92.62	0.015928	3.48	13.20	9.70	0.95
Cascina_SDonato	1529.00	Max WS	TR200_TP06H	43.51	89.99	91.97	91.92	92.56	0.015584	3.39	12.84	9.70	0.94
Cascina_SDonato	1529.00	Max WS	TR200_TP08H	40.95	89.99	91.92		92.48	0.015398	3.31	12.38	9.70	0.93
Cascina_SDonato	1529.00	Max WS	TR030_TP0.5H	27.24	89.99	91.68		92.06	0.013195	2.73	9.97	9.70	0.86
Cascina_SDonato	1529.00	Max WS	TR030_TP01H	31.23	89.99	91.78		92.19	0.012879	2.84	10.99	9.70	0.85
Cascina_SDonato	1529.00	Max WS	TR030_TP02H	34.45	89.99	91.84		92.29	0.013531	2.99	11.53	9.70	0.88
Cascina_SDonato	1529.00	Max WS	TR030_TP03H	34.59	89.99	91.83		92.29	0.013826	3.01	11.48	9.70	0.88
Cascina_SDonato	1529.00	Max WS	TR030_TP04H	35.27	89.99	91.80		92.31	0.015439	3.15	11.21	9.70	0.93
Cascina_SDonato	1529.00	Max WS	TR030_TP06H	30.92	89.99	91.81		92.19	0.011696	2.74	11.27	9.70	0.81
Cascina_SDonato	1529.00	Max WS	TR030_TP08H	30.99	89.99	91.72		92.17	0.015134	2.99	10.37	9.70	0.92
Cascina_SDonato	1514.00	Max WS	TR200_TP03H	54.92	89.60	91.93		92.11	0.003581	1.86	29.55	19.57	0.48
Cascina_SDonato	1514.00	Max WS	TR200_TP01H	46.83	89.60	91.84		91.99	0.003178	1.69	27.74	19.57	0.45
Cascina_SDonato	1514.00	Max WS	TR200_TP02H	54.05	89.60	91.92		92.09	0.003554	1.84	29.32	19.57	0.48
Cascina_SDonato	1514.00	Max WS	TR200_TP0.5H	38.20	89.60	91.74		91.85	0.002689	1.49	25.71	19.57	0.41
Cascina_SDonato	1514.00	Max WS	TR200_TP04H	53.86	89.60	91.92		92.09	0.003547	1.84	29.28	19.57	0.48
Cascina_SDonato	1514.00	Max WS	TR200_TP06H	50.44	89.60	91.88		92.04	0.003410	1.77	28.43	19.57	0.47
Cascina_SDonato	1514.00	Max WS	TR200_TP08H	47.02	89.60	91.83		91.98	0.003262	1.70	27.58	19.57	0.46
Cascina_SDonato	1514.00	Max WS	TR030_TP0.5H	28.57	89.60	91.59		91.67	0.002195	1.25	22.82	19.57	0.37
Cascina_SDonato	1514.00	Max WS	TR030_TP01H	34.29	89.60	91.67		91.77	0.002538	1.40	24.46	19.57	0.40
Cascina_SDonato	1514.00	Max WS	TR030_TP02H	39.20	89.60	91.74		91.85	0.002840	1.53	25.68	19.57	0.43
Cascina_SDonato	1514.00	Max WS	TR030_TP03H	39.71	89.60	91.74		91.86	0.002880	1.54	25.78	19.57	0.43
Cascina_SDonato	1514.00	Max WS	TR030_TP04H	38.87	89.60	91.73		91.85	0.002840	1.52	25.55	19.57	0.43
Cascina_SDonato	1514.00	Max WS	TR030_TP06H	36.15	89.60	91.69		91.80	0.002687	1.46	24.83	19.57	0.41
Cascina_SDonato	1514.00	Max WS	TR030_TP08H	33.17	89.60	91.65		91.75	0.002523	1.38	24.00	19.57	0.40
Cascina_SDonato	1499.00	Max WS	TR200_TP03H	40.74	89.82	91.84		92.15	0.008722	2.46	16.53	13.50	0.71
Cascina_SDonato	1499.00	Max WS	TR200_TP01H	34.96	89.82	91.74		92.01	0.008347	2.30	15.21	13.50	0.69
Cascina_SDonato	1499.00	Max WS	TR200_TP02H	39.44	89.82	91.82		92.12	0.008449	2.41	16.36	13.50	0.70
Cascina_SDonato	1499.00	Max WS	TR200_TP0.5H	28.47	89.82	91.61		91.84	0.008031</				

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Cascina_SDonato	1499.00	Max WS	TR030_TP03H	29.93	89.82	91.61		91.86	0.008878	2.22	13.51	13.50	0.71
Cascina_SDonato	1499.00	Max WS	TR030_TP04H	29.36	89.82	91.60		91.85	0.008974	2.21	13.30	13.50	0.71
Cascina_SDonato	1499.00	Max WS	TR030_TP06H	27.39	89.82	91.55		91.79	0.009171	2.17	12.64	13.50	0.72
Cascina_SDonato	1499.00	Max WS	TR030_TP08H	25.60	89.82	91.50		91.73	0.009549	2.14	11.96	13.50	0.73
Cascina_SDonato	1484.00	Max WS	TR200_TP03H	38.09	89.47	91.84		92.05	0.004403	2.03	18.76	11.60	0.51
Cascina_SDonato	1484.00	Max WS	TR200_TP01H	32.70	89.47	91.73		91.91	0.004001	1.87	17.51	11.60	0.49
Cascina_SDonato	1484.00	Max WS	TR200_TP02H	37.34	89.47	91.83		92.03	0.004355	2.01	18.58	11.60	0.51
Cascina_SDonato	1484.00	Max WS	TR200_TP05H	26.53	89.47	91.61		91.75	0.003454	1.66	16.02	11.60	0.45
Cascina_SDonato	1484.00	Max WS	TR200_TP04H	37.29	89.47	91.82		92.03	0.004373	2.01	18.54	11.60	0.51
Cascina_SDonato	1484.00	Max WS	TR200_TP06H	35.06	89.47	91.77		91.96	0.004304	1.96	17.90	11.60	0.50
Cascina_SDonato	1484.00	Max WS	TR200_TP08H	32.89	89.47	91.71		91.90	0.004247	1.91	17.24	11.60	0.50
Cascina_SDonato	1484.00	Max WS	TR030_TP05H	21.38	89.47	91.42		91.54	0.003441	1.54	13.90	11.49	0.45
Cascina_SDonato	1484.00	Max WS	TR030_TP01H	24.67	89.47	91.52		91.66	0.003604	1.64	15.07	11.60	0.46
Cascina_SDonato	1484.00	Max WS	TR030_TP02H	27.64	89.47	91.60		91.75	0.003794	1.73	15.96	11.60	0.47
Cascina_SDonato	1484.00	Max WS	TR030_TP03H	27.99	89.47	91.61		91.76	0.003810	1.74	16.07	11.60	0.47
Cascina_SDonato	1484.00	Max WS	TR030_TP04H	27.46	89.47	91.59		91.75	0.003804	1.73	15.88	11.60	0.47
Cascina_SDonato	1484.00	Max WS	TR030_TP06H	25.56	89.47	91.54		91.68	0.003721	1.68	15.26	11.60	0.47
Cascina_SDonato	1484.00	Max WS	TR030_TP08H	23.97	89.47	91.49		91.63	0.003684	1.63	14.68	11.60	0.46
Cascina_SDonato	1469.00	Max WS	TR200_TP03H	31.86	89.58	91.78		92.05	0.006007	2.32	13.74	7.93	0.56
Cascina_SDonato	1469.00	Max WS	TR200_TP01H	27.57	89.58	91.66		91.90	0.005491	2.15	12.83	7.93	0.54
Cascina_SDonato	1469.00	Max WS	TR200_TP02H	31.45	89.58	91.76		92.03	0.006078	2.32	13.56	7.93	0.57
Cascina_SDonato	1469.00	Max WS	TR200_TP05H	23.33	89.58	91.51		91.72	0.005246	2.01	11.62	7.93	0.53
Cascina_SDonato	1469.00	Max WS	TR200_TP04H	31.23	89.58	91.76		92.03	0.005949	2.30	13.60	7.93	0.56
Cascina_SDonato	1469.00	Max WS	TR200_TP06H	29.34	89.58	91.70		91.96	0.005826	2.24	13.12	7.93	0.56
Cascina_SDonato	1469.00	Max WS	TR200_TP08H	27.52	89.58	91.65		91.89	0.005585	2.16	12.73	7.93	0.54
Cascina_SDonato	1469.00	Max WS	TR030_TP05H	20.58	89.58	91.19		91.45	0.008527	2.27	9.07	7.93	0.68
Cascina_SDonato	1469.00	Max WS	TR030_TP01H	21.94	89.58	91.41		91.62	0.005735	2.03	10.81	7.93	0.55
Cascina_SDonato	1469.00	Max WS	TR030_TP02H	23.71	89.58	91.52		91.73	0.005334	2.03	11.69	7.93	0.53
Cascina_SDonato	1469.00	Max WS	TR030_TP03H	24.06	89.58	91.53		91.74	0.005356	2.04	11.78	7.93	0.53
Cascina_SDonato	1469.00	Max WS	TR030_TP04H	23.65	89.58	91.51		91.72	0.005365	2.03	11.64	7.93	0.54
Cascina_SDonato	1469.00	Max WS	TR030_TP06H	22.37	89.58	91.45		91.65	0.005530	2.02	11.10	7.93	0.54
Cascina_SDonato	1469.00	Max WS	TR030_TP08H	21.54	89.58	91.37		91.58	0.006101	2.06	10.46	7.93	0.57
Cascina_SDonato	1439.00	Max WS	TR200_TP03H	46.87	88.96	91.39		91.66	0.005315	2.31	20.31	11.86	0.56
Cascina_SDonato	1439.00	Max WS	TR200_TP01H	42.51	88.96	91.23		91.50	0.005814	2.30	18.49	11.86	0.59
Cascina_SDonato	1439.00	Max WS	TR200_TP02H	46.39	88.96	91.37		91.64	0.005390	2.31	20.08	11.86	0.57
Cascina_SDonato	1439.00	Max WS	TR200_TP05H	36.90	88.96	91.07		91.32	0.006145	2.23	16.54	11.86	0.60
Cascina_SDonato	1439.00	Max WS	TR200_TP04H	46.24	88.96	91.36		91.64	0.005389	2.31	20.04	11.86	0.57
Cascina_SDonato	1439.00	Max WS	TR200_TP06H	44.53	88.96	91.28		91.56	0.005871	2.34	19.00	11.86	0.59
Cascina_SDonato	1439.00	Max WS	TR200_TP08H	42.63	88.96	91.19		91.48	0.006330	2.37	18.01	11.86	0.61
Cascina_SDonato	1439.00	Max WS	TR030_TP05H	29.09	88.96	90.73		91.01	0.009026	2.32	12.52	11.86	0.72
Cascina_SDonato	1439.00	Max WS	TR030_TP01H	34.24	88.96	90.91		91.19	0.007592	2.33	14.71	11.86	0.67
Cascina_SDonato	1439.00	Max WS	TR030_TP02H	37.71	88.96	91.03		91.31	0.007016	2.35	16.07	11.86	0.64
Cascina_SDonato	1439.00	Max WS	TR030_TP03H	38.18	88.96	91.05		91.33	0.006935	2.35	16.26	11.86	0.64
Cascina_SDonato	1439.00	Max WS	TR030_TP04H	37.57	88.96	91.02		91.30	0.007087	2.35	15.98	11.86	0.65
Cascina_SDonato	1439.00	Max WS	TR030_TP06H	35.42	88.96	90.95		91.23	0.007534	2.35	15.08	11.86	0.67
Cascina_SDonato	1439.00	Max WS	TR030_TP08H	33.22	88.96	90.87		91.15	0.007967	2.34	14.20	11.86	0.68
Cascina_SDonato	1409	Max WS	TR200_TP03H	55.73	88.42	91.03		91.37	0.005788	2.58	21.59	11.00	0.59
Cascina_SDonato	1409	Max WS	TR200_TP01H	50.02	88.42	90.93		91.23	0.005523	2.45	20.39	11.00	0.58
Cascina_SDonato	1409	Max WS	TR200_TP02H	55.31	88.42	91.01		91.35	0.005917	2.59	21.32	11.00	0.60
Cascina_SDonato	1409	Max WS	TR200_TP05H	43.11	88.42	90.82		91.08	0.004861	2.24	19.26	11.00	0.54
Cascina_SDonato	1409	Max WS	TR200_TP04H	54.76	88.42	91.02		91.35	0.005731	2.56	21.40	11.00	0.59
Cascina_SDonato	1409	Max WS	TR200_TP06H	51.81	88.42	90.95		91.27	0.005703	2.51	20.65	11.00	0.58
Cascina_SDonato	1409	Max WS	TR200_TP08H	49.37	88.42	90.91		91.21	0.005550	2.45	20.17	11.00	0.58
Cascina_SDonato	1409	Max WS	TR030_TP05H	30.68	88.42	90.58		90.76	0.003828	1.85	16.62	11.00	0.48
Cascina_SDonato	1409	Max WS	TR030_TP01H	37.80	88.42	90.72		90.94	0.004463	2.08	18.15	11.00	0.52
Cascina_SDonato	1409	Max WS	TR030_TP02H	42.60	88.42	90.80		91.06	0.004911	2.24	19.04	11.00	0.54
Cascina_SDonato	1409	Max WS	TR030_TP03H	43.29	88.42	90.81		91.07	0.004979	2.26	19.15	11.00	0.55
Cascina_SDonato	1409	Max WS	TR030_TP04H	42.34	88.42	90.80		91.05	0.004890	2.23	18.99	11.00	0.54
Cascina_SDonato	1409	Max WS	TR030_TP06H	39.27	88.42	90.75		90.98	0.004617	2.13	18.40	11.00	0.53
Cascina_SDonato	1409	Max WS	TR030_TP08H	36.29	88.42	90.69		90.90	0.004350	2.04	17.81	11.00	0.51
Cascina_SDonato	1401.58*	Max WS	TR200_TP03H	56.37	88.34	90.84		91.29	0.009179	2.98	18.92	11.60	0.74
Cascina_SDonato	1401.58*	Max WS	TR200_TP01H	50.35	88.34	90.77		91.16	0.008403	2.79	18.08	11.60	0.71
Cascina_SDonato	1401.58*	Max WS	TR200_TP02H	55.68	88.34	90.83		91.28	0.009170	2.97	18.77	11.60	0.74
Cascina_SDonato	1401.58*	Max WS	TR200_TP05H	43.48	88.34	90.69		91.02	0.007275	2.53	17.21	11.60	0.66
Cascina_SDonato	1401.58*	Max WS	TR200_TP04H	55.42	88.34	90.83		91.27	0.009133	2.96	18.74	11.60	0.74
Cascina_SDonato	1401.58*	Max WS	TR200_TP06H	52.48	88.34	90.79		91.21	0.008831	2.87	18.28	11.60	0.73
Cascina_SDonato	1401.58*	Max WS	TR200_TP08H	49.66	88.34	90.75		91.15	0.008445	2.78	17.89	11.60	0.71
Cascina_SDonato	1401.58*	Max WS	TR030_TP05H	30.72	88.34	90.50		90.72	0.005529	2.05	15.00	11.60	0.58
Cascina_SDonato	1401.58*	Max WS	TR030_TP01H	37.93	88.34	90.62		90.89	0.006501	2.32	16.33	11.60	0.63
Cascina_SDonato	1401.58*	Max WS	TR030_TP02H	42.79	88.34	90.68		91.00	0.007219	2.51	17.07	11.60	0.66
Cascina_SDonato	1401.58*	Max WS	TR030_TP03H	43.50	88.34	90.69		91.02	0.007319	2.53	17.18	11.60	0.66
Cascina_SDonato	1401.58*	Max WS	TR030_TP04H	42.55	88.34	90.68		91.00	0.007175	2.50	17.04	11.60	0.66
Cascina_SDonato	1401.58*	Max WS	TR030_TP06H	39.44	88.34	90.64		90.93	0.006736	2.38	16.56	11.60	0.64
Cascina_SDonato	1401.58*	Max WS	TR030_TP08H	36.41	88.34	90.59		90.86	0.006303	2.27	16.05	11.60	0.62
Cascina_SDonato	1394.15	Max WS	TR200_TP03H	54.13	88.27	90.68		91.25	0.015256	3.34	16.18	12.20	0.93
Cascina_SDonato	1394.15	Max WS	TR200_TP01H	48.31	88.27	90.58		91.11	0.015558	3.23	14.94	12.20	0.93
Cascina_SDonato	1394.15	Max WS	TR200_TP02H	53.17	88.27	90.66		91.23	0.015457	3.34	15.93	12.20	0.93
Cascina_SDonato	1394.15	Max WS	TR200_TP05H	42.04	88.27	90.49		90.96	0.015014	3.04	13.82	12.20	0.91
Cascina_SDonato	1394.15	Max WS	TR200_TP04H	53.35	88.27	90.66		91.23	0.015580	3.35	15.92	12.20	0.94
Cascina_SDonato	1394.15	Max WS	TR200_TP06H	50.13	88.27	90.61		91.15	0.015466	3.27	15.33	12.20	0.93
Cascina_SDonato	1394.15	Max WS	TR200_TP08H	47.74	88.27	90.56	90.51	91.10	0.015932	3.24	14.71	12.20	0.94
Cascina_SDonato	1394.15	Max WS	TR030_TP05H	30.20	88.27	90.31		90.65	0.012511	2.59	11.66	11.70	0.83
Cascina_SDonato	1394.15	Max WS	TR030_TP01H	36.80	88.27	90.41		90.82	0.014479	2.87	12.84	12.20	0.89
Cascina_SDonato	1394.15	Max WS	TR030_TP02H	41.31	88.27	90.47		90.94	0.015040	3.02	13.66	12.20	0.91
Cascina_SDonato	1394.15	Max WS	TR030_TP03H	41.95	88.27	90.48		90.95	0.015110	3.05	13.77	12.20	0.92
Cascina_SDonato	1394.15	Max WS	TR030_TP04H	41.13	88.27	90.47		90.93	0.015051	3.02	13.62	12.20	0.91

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Cascina_SDonato	1386.73	Max WS	TR200_TP08H	45.88	88.42	90.44	90.40	91.00	0.015815	3.33	13.79	11.08	0.95
Cascina_SDonato	1386.73	Max WS	TR030_TP0.5H	29.91	88.42	90.14	90.10	90.55	0.015944	2.87	10.43	11.08	0.94
Cascina_SDonato	1386.73	Max WS	TR030_TP01H	36.06	88.42	90.25	90.22	90.73	0.016130	3.08	11.72	11.08	0.96
Cascina_SDonato	1386.73	Max WS	TR030_TP02H	40.06	88.42	90.33	90.29	90.85	0.015786	3.17	12.63	11.08	0.95
Cascina_SDonato	1386.73	Max WS	TR030_TP03H	40.64	88.42	90.35	90.31	90.86	0.015706	3.18	12.77	11.08	0.95
Cascina_SDonato	1386.73	Max WS	TR030_TP04H	39.87	88.42	90.33	90.29	90.84	0.015790	3.17	12.59	11.08	0.95
Cascina_SDonato	1386.73	Max WS	TR030_TP06H	37.39	88.42	90.28	90.24	90.77	0.016185	3.12	11.98	11.08	0.96
Cascina_SDonato	1386.73	Max WS	TR030_TP08H	34.75	88.42	90.23	90.20	90.70	0.016059	3.03	11.46	11.08	0.95
Cascina_SDonato	1379.30	Max WS	TR200_TP03H	50.02	88.02	90.61		90.92	0.005551	2.46	20.33	11.14	0.58
Cascina_SDonato	1379.30	Max WS	TR200_TP01H	44.88	88.02	90.51		90.79	0.005274	2.33	19.23	11.14	0.57
Cascina_SDonato	1379.30	Max WS	TR200_TP02H	49.56	88.02	90.59		90.90	0.005592	2.46	20.16	11.14	0.58
Cascina_SDonato	1379.30	Max WS	TR200_TP0.5H	39.31	88.02	90.40		90.64	0.004887	2.18	18.06	11.14	0.55
Cascina_SDonato	1379.30	Max WS	TR200_TP04H	49.41	88.02	90.59		90.90	0.005540	2.45	20.18	11.14	0.58
Cascina_SDonato	1379.30	Max WS	TR200_TP06H	46.87	88.02	90.54		90.83	0.005428	2.39	19.61	11.14	0.58
Cascina_SDonato	1379.30	Max WS	TR200_TP08H	43.95	88.02	90.49		90.76	0.005249	2.31	19.00	11.14	0.57
Cascina_SDonato	1379.30	Max WS	TR030_TP0.5H	29.21	88.02	90.20		90.37	0.004077	1.85	15.75	11.14	0.50
Cascina_SDonato	1379.30	Max WS	TR030_TP01H	34.80	88.02	90.31		90.52	0.004601	2.05	16.99	11.14	0.53
Cascina_SDonato	1379.30	Max WS	TR030_TP02H	38.78	88.02	90.38		90.62	0.004920	2.17	17.85	11.14	0.55
Cascina_SDonato	1379.30	Max WS	TR030_TP03H	39.37	88.02	90.40		90.64	0.004972	2.19	17.97	11.14	0.55
Cascina_SDonato	1379.30	Max WS	TR030_TP04H	38.60	88.02	90.38		90.62	0.004915	2.17	17.81	11.14	0.55
Cascina_SDonato	1379.30	Max WS	TR030_TP06H	35.99	88.02	90.33		90.55	0.004692	2.08	17.26	11.14	0.53
Cascina_SDonato	1379.30	Max WS	TR030_TP08H	33.61	88.02	90.29		90.49	0.004463	2.00	16.77	11.14	0.52
Cascina_SDonato	1364.65	Max WS	TR200_TP03H	46.12	88.17	90.27		90.84	0.014927	3.34	13.79	10.33	0.92
Cascina_SDonato	1364.65	Max WS	TR200_TP01H	40.65	88.17	90.21		90.70	0.013282	3.09	13.15	10.20	0.87
Cascina_SDonato	1364.65	Max WS	TR200_TP02H	45.49	88.17	90.27		90.82	0.014650	3.31	13.75	10.32	0.92
Cascina_SDonato	1364.65	Max WS	TR200_TP0.5H	35.98	88.17	90.11		90.56	0.013198	2.96	12.14	10.09	0.86
Cascina_SDonato	1364.65	Max WS	TR200_TP04H	45.15	88.17	90.26		90.82	0.014501	3.29	13.72	10.32	0.91
Cascina_SDonato	1364.65	Max WS	TR200_TP06H	42.35	88.17	90.23		90.74	0.013665	3.16	13.39	10.24	0.88
Cascina_SDonato	1364.65	Max WS	TR200_TP08H	40.04	88.17	90.18		90.67	0.013729	3.11	12.87	10.17	0.88
Cascina_SDonato	1364.65	Max WS	TR030_TP0.5H	27.18	88.17	89.94		90.28	0.011898	2.61	10.43	9.90	0.81
Cascina_SDonato	1364.65	Max WS	TR030_TP01H	31.94	88.17	90.03		90.43	0.012627	2.81	11.38	10.01	0.84
Cascina_SDonato	1364.65	Max WS	TR030_TP02H	35.37	88.17	90.10		90.54	0.013078	2.94	12.04	10.08	0.86
Cascina_SDonato	1364.65	Max WS	TR030_TP03H	35.88	88.17	90.11		90.55	0.013129	2.96	12.14	10.09	0.86
Cascina_SDonato	1364.65	Max WS	TR030_TP04H	35.21	88.17	90.09		90.53	0.013079	2.93	12.00	10.07	0.86
Cascina_SDonato	1364.65	Max WS	TR030_TP06H	33.10	88.17	90.05		90.47	0.013069	2.87	11.52	10.02	0.86
Cascina_SDonato	1364.65	Max WS	TR030_TP08H	30.88	88.17	90.01		90.40	0.012533	2.77	11.15	9.98	0.84
Cascina_SDonato	1350	Max WS	TR200_TP03H	43.72	87.78	90.05	90.04	90.63	0.018197	3.36	13.00	10.96	0.99
Cascina_SDonato	1350	Max WS	TR200_TP01H	37.92	87.78	89.98	89.94	90.47	0.016929	3.12	12.14	10.96	0.95
Cascina_SDonato	1350	Max WS	TR200_TP02H	42.68	87.78	90.05	90.02	90.60	0.017704	3.30	12.92	10.96	0.97
Cascina_SDonato	1350	Max WS	TR200_TP0.5H	33.90	87.78	89.89	89.86	90.36	0.017556	3.04	11.17	10.96	0.96
Cascina_SDonato	1350	Max WS	TR200_TP04H	42.49	87.78	90.04	90.02	90.60	0.017702	3.30	12.88	10.96	0.97
Cascina_SDonato	1350	Max WS	TR200_TP06H	39.39	87.78	90.00	89.97	90.51	0.017031	3.17	12.42	10.96	0.95
Cascina_SDonato	1350	Max WS	TR200_TP08H	37.50	87.78	89.95	89.93	90.46	0.017815	3.16	11.86	10.96	0.97
Cascina_SDonato	1350	Max WS	TR030_TP0.5H	25.77	87.78	89.71	89.68	90.11	0.018098	2.78	9.27	10.88	0.96
Cascina_SDonato	1350	Max WS	TR030_TP01H	30.17	87.78	89.80	89.78	90.24	0.018077	2.94	10.27	10.96	0.97
Cascina_SDonato	1350	Max WS	TR030_TP02H	33.13	87.78	89.87	89.84	90.33	0.017880	3.03	10.94	10.96	0.97
Cascina_SDonato	1350	Max WS	TR030_TP03H	33.74	87.78	89.88	89.86	90.35	0.017890	3.05	11.07	10.96	0.97
Cascina_SDonato	1350	Max WS	TR030_TP04H	33.12	87.78	89.86	89.84	90.33	0.017943	3.03	10.93	10.96	0.97
Cascina_SDonato	1350	Max WS	TR030_TP06H	31.19	87.78	89.82	89.81	90.28	0.018189	2.98	10.47	10.96	0.97
Cascina_SDonato	1350	Max WS	TR030_TP08H	29.14	87.78	89.78	89.77	90.21	0.018182	2.91	10.02	10.96	0.97
Cascina_SDonato	1340.00*	Max WS	TR200_TP03H	40.56	87.68	90.00		90.49	0.014607	3.10	13.08	10.93	0.90
Cascina_SDonato	1340.00*	Max WS	TR200_TP01H	36.26	87.68	89.90		90.36	0.015272	3.02	11.99	10.93	0.92
Cascina_SDonato	1340.00*	Max WS	TR200_TP02H	40.04	87.68	89.99		90.47	0.014680	3.09	12.95	10.93	0.91
Cascina_SDonato	1340.00*	Max WS	TR200_TP0.5H	31.95	87.68	89.80		90.24	0.015547	2.91	10.97	10.85	0.93
Cascina_SDonato	1340.00*	Max WS	TR200_TP04H	39.91	87.68	89.98		90.47	0.014821	3.10	12.88	10.93	0.91
Cascina_SDonato	1340.00*	Max WS	TR200_TP06H	37.47	87.68	89.93		90.40	0.015111	3.05	12.29	10.93	0.92
Cascina_SDonato	1340.00*	Max WS	TR200_TP08H	35.29	87.68	89.87		90.34	0.015606	3.02	11.70	10.93	0.93
Cascina_SDonato	1340.00*	Max WS	TR030_TP0.5H	24.56	87.68	89.64		90.00	0.015211	2.67	9.20	10.31	0.90
Cascina_SDonato	1340.00*	Max WS	TR030_TP01H	28.46	87.68	89.71		90.13	0.016106	2.85	9.99	10.57	0.94
Cascina_SDonato	1340.00*	Max WS	TR030_TP02H	31.21	87.68	89.78		90.21	0.016032	2.92	10.67	10.76	0.94
Cascina_SDonato	1340.00*	Max WS	TR030_TP03H	31.70	87.68	89.79		90.23	0.016039	2.94	10.79	10.80	0.94
Cascina_SDonato	1340.00*	Max WS	TR030_TP04H	31.16	87.68	89.77	89.72	90.21	0.016134	2.93	10.64	10.75	0.94
Cascina_SDonato	1340.00*	Max WS	TR030_TP06H	29.30	87.68	89.73		90.15	0.016198	2.88	10.18	10.62	0.94
Cascina_SDonato	1340.00*	Max WS	TR030_TP08H	27.50	87.68	89.69		90.10	0.016090	2.82	9.76	10.50	0.93
Cascina_SDonato	1330	Max WS	TR200_TP03H	39.43	87.58	90.02		90.39	0.010137	2.73	14.47	10.90	0.76
Cascina_SDonato	1330	Max WS	TR200_TP01H	34.72	87.58	89.92		90.26	0.009887	2.59	13.42	10.88	0.74
Cascina_SDonato	1330	Max WS	TR200_TP02H	38.79	87.58	90.00		90.38	0.010141	2.71	14.31	10.90	0.76
Cascina_SDonato	1330	Max WS	TR200_TP0.5H	30.65	87.58	89.83		90.14	0.009566	2.47	12.42	10.61	0.73
Cascina_SDonato	1330	Max WS	TR200_TP04H	38.71	87.58	90.00		90.37	0.010123	2.71	14.30	10.90	0.75
Cascina_SDonato	1330	Max WS	TR200_TP06H	35.93	87.58	89.94		90.30	0.009981	2.63	13.69	10.90	0.75
Cascina_SDonato	1330	Max WS	TR200_TP08H	33.66	87.58	89.89		90.23	0.009857	2.56	13.14	10.81	0.74
Cascina_SDonato	1330	Max WS	TR030_TP0.5H	23.60	87.58	89.66		89.91	0.008564	2.20	10.71	10.07	0.68
Cascina_SDonato	1330	Max WS	TR030_TP01H	26.90	87.58	89.74		90.02	0.009064	2.33	11.54	10.36	0.71
Cascina_SDonato	1330	Max WS	TR030_TP02H	29.40	87.58	89.81		90.10	0.009265	2.41	12.20	10.55	0.72
Cascina_SDonato	1330	Max WS	TR030_TP03H	29.99	87.58	89.82		90.12	0.009320	2.43	12.35	10.59	0.72
Cascina_SDonato	1330	Max WS	TR030_TP04H	29.41	87.58	89.80		90.10	0.009329	2.42	12.17	10.54	0.72
Cascina_SDonato	1330	Max WS	TR030_TP06H	27.73	87.58	89.76		90.05	0.009150	2.36	11.75	10.42	0.71
Cascina_SDonato	1330	Max WS	TR030_TP08H	26.07	87.58	89.72		89.99	0.008984	2.30	11.32	10.26	0.70
Cascina_SDonato	1329.99			Lat Struct									
Cascina_SDonato	1329.98			Lat Struct									
Cascina_SDonato	1324.96	Max WS	TR200_TP03H	38.34	87.84	89.94		90.31	0.009509	2.67	14.36	10.64	0.73
Cascina_SDonato	1324.96	Max WS	TR200_TP01H	33.91	87.84	89.84		90.17	0.009539	2.56	13.24	10.64	0.73
Cascina_SDonato	1324.96	Max WS	TR200_TP02H	38.01	87.84	89.93		90.30	0.009629	2.67	14.22	10.64	0.74
Cascina_SDonato	1324.96	Max WS	TR200_TP0.5H	30.06	87.84	89.74		90.05	0.009668	2.47	12.18	10.64	0.74
Cascina_SDonato	1324.96	Max WS	TR200_TP04H	37.60	87.84	89.92		90.28	0.009652	2.67	14.11	10.64	0.74
Cascina_SDonato	1324.96	Max WS	TR200_TP06H	35.14	87.84	89.86		90.21	0.009764	2.61	13.44	10.64	0.74
Cascina_SDonato													

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Cascina_SDonato	1324.96	Max WS	TR030_TP08H	25.65	87.84	89.62		89.90	0.009803	2.34	10.95	10.64	0.74
Cascina_SDonato	1319.91	Max WS	TR200_TP03H	38.96	87.28	89.72		90.17	0.013143	2.98	13.06	10.35	0.85
Cascina_SDonato	1319.91	Max WS	TR200_TP01H	34.50	87.28	89.61		90.03	0.013454	2.89	11.96	10.30	0.85
Cascina_SDonato	1319.91	Max WS	TR200_TP02H	38.38	87.28	89.70		90.15	0.013129	2.97	12.93	10.35	0.85
Cascina_SDonato	1319.91	Max WS	TR200_TP0.5H	30.53	87.28	89.51		89.91	0.013616	2.79	10.96	10.12	0.85
Cascina_SDonato	1319.91	Max WS	TR200_TP04H	38.14	87.28	89.70		90.15	0.013082	2.96	12.90	10.35	0.85
Cascina_SDonato	1319.91	Max WS	TR200_TP06H	35.57	87.28	89.64		90.07	0.013388	2.91	12.23	10.35	0.85
Cascina_SDonato	1319.91	Max WS	TR200_TP08H	33.53	87.28	89.58		90.00	0.013631	2.87	11.68	10.25	0.86
Cascina_SDonato	1319.91	Max WS	TR030_TP0.5H	23.82	87.28	89.33		89.67	0.014580	2.62	9.10	9.90	0.87
Cascina_SDonato	1319.91	Max WS	TR030_TP01H	26.99	87.28	89.42		89.79	0.013828	2.68	10.05	10.01	0.86
Cascina_SDonato	1319.91	Max WS	TR030_TP02H	29.53	87.28	89.49		89.87	0.013620	2.75	10.72	10.09	0.85
Cascina_SDonato	1319.91	Max WS	TR030_TP03H	29.95	87.28	89.50		89.89	0.013592	2.77	10.83	10.10	0.85
Cascina_SDonato	1319.91	Max WS	TR030_TP04H	29.39	87.28	89.48		89.87	0.013660	2.75	10.68	10.08	0.85
Cascina_SDonato	1319.91	Max WS	TR030_TP06H	27.75	87.28	89.44		89.81	0.013864	2.71	10.23	10.03	0.86
Cascina_SDonato	1319.91	Max WS	TR030_TP08H	26.21	87.28	89.40		89.76	0.014111	2.68	9.80	9.98	0.86
Cascina_SDonato	1290.22	Max WS	TR200_TP03H	38.44	86.88	89.62		89.83	0.004022	2.05	18.79	10.05	0.48
Cascina_SDonato	1290.22	Max WS	TR200_TP01H	34.35	86.88	89.50		89.69	0.003919	1.96	17.57	10.05	0.47
Cascina_SDonato	1290.22	Max WS	TR200_TP02H	37.96	86.88	89.60		89.82	0.004028	2.04	18.62	10.05	0.48
Cascina_SDonato	1290.22	Max WS	TR200_TP0.5H	31.06	86.88	89.38		89.56	0.003967	1.90	16.35	10.05	0.48
Cascina_SDonato	1290.22	Max WS	TR200_TP04H	37.60	86.88	89.60		89.81	0.004000	2.03	18.55	10.05	0.48
Cascina_SDonato	1290.22	Max WS	TR200_TP06H	35.44	86.88	89.53		89.73	0.003971	1.98	17.86	10.05	0.48
Cascina_SDonato	1290.22	Max WS	TR200_TP08H	33.70	86.88	89.46		89.66	0.004000	1.96	17.22	10.05	0.48
Cascina_SDonato	1290.22	Max WS	TR030_TP0.5H	24.33	86.88	89.18		89.32	0.003628	1.70	14.31	10.05	0.45
Cascina_SDonato	1290.22	Max WS	TR030_TP01H	27.76	86.88	89.27		89.44	0.003855	1.81	15.31	10.05	0.47
Cascina_SDonato	1290.22	Max WS	TR030_TP02H	30.08	86.88	89.35		89.53	0.003902	1.87	16.09	10.05	0.47
Cascina_SDonato	1290.22	Max WS	TR030_TP03H	30.50	86.88	89.37		89.55	0.003915	1.88	16.22	10.05	0.47
Cascina_SDonato	1290.22	Max WS	TR030_TP04H	30.02	86.88	89.35		89.53	0.003925	1.87	16.04	10.05	0.47
Cascina_SDonato	1290.22	Max WS	TR030_TP06H	28.44	86.88	89.29		89.47	0.003892	1.83	15.51	10.05	0.47
Cascina_SDonato	1290.22	Max WS	TR030_TP08H	26.91	86.88	89.25		89.41	0.003825	1.79	15.04	10.05	0.47
Cascina_SDonato	1260.52	Max WS	TR200_TP03H	39.05	87.49	89.10		89.54	0.014997	2.92	13.39	12.98	0.92
Cascina_SDonato	1260.52	Max WS	TR200_TP01H	34.67	87.49	89.00	88.97	89.42	0.016348	2.87	12.08	12.98	0.95
Cascina_SDonato	1260.52	Max WS	TR200_TP02H	38.47	87.49	89.09		89.52	0.014999	2.90	13.26	12.98	0.92
Cascina_SDonato	1260.52	Max WS	TR200_TP0.5H	30.44	87.49	88.92	88.90	89.31	0.017103	2.78	10.97	12.98	0.96
Cascina_SDonato	1260.52	Max WS	TR200_TP04H	38.14	87.49	89.09		89.51	0.015023	2.89	13.18	12.98	0.92
Cascina_SDonato	1260.52	Max WS	TR200_TP06H	35.67	87.49	89.03		89.45	0.015901	2.88	12.40	12.98	0.94
Cascina_SDonato	1260.52	Max WS	TR200_TP08H	33.72	87.49	88.98	88.95	89.40	0.016748	2.86	11.78	12.98	0.96
Cascina_SDonato	1260.52	Max WS	TR030_TP0.5H	22.63	87.49	88.75	88.74	89.09	0.018430	2.55	8.88	12.92	0.98
Cascina_SDonato	1260.52	Max WS	TR030_TP01H	26.40	87.49	88.84	88.82	89.20	0.017577	2.66	9.94	12.98	0.97
Cascina_SDonato	1260.52	Max WS	TR030_TP02H	29.27	87.49	88.89	88.87	89.28	0.017157	2.74	10.69	12.98	0.96
Cascina_SDonato	1260.52	Max WS	TR030_TP03H	29.74	87.49	88.90	88.88	89.29	0.017106	2.75	10.81	12.98	0.96
Cascina_SDonato	1260.52	Max WS	TR030_TP04H	29.10	87.49	88.89	88.87	89.27	0.017198	2.73	10.64	12.98	0.96
Cascina_SDonato	1260.52	Max WS	TR030_TP06H	27.18	87.49	88.85	88.84	89.22	0.017477	2.68	10.14	12.98	0.97
Cascina_SDonato	1260.52	Max WS	TR030_TP08H	25.40	87.49	88.82	88.80	89.17	0.017759	2.63	9.67	12.98	0.97
Cascina_SDonato	1230.83	Max WS	TR200_TP03H	39.16	86.76	88.83		89.10	0.007372	2.30	17.04	13.59	0.66
Cascina_SDonato	1230.83	Max WS	TR200_TP01H	34.32	86.76	88.73		88.97	0.007483	2.20	15.59	13.59	0.66
Cascina_SDonato	1230.83	Max WS	TR200_TP02H	38.81	86.76	88.82		89.09	0.007430	2.30	16.90	13.59	0.66
Cascina_SDonato	1230.83	Max WS	TR200_TP0.5H	29.60	86.76	88.63		88.85	0.007322	2.07	14.28	13.59	0.65
Cascina_SDonato	1230.83	Max WS	TR200_TP04H	38.08	86.76	88.81		89.08	0.007348	2.27	16.76	13.59	0.65
Cascina_SDonato	1230.83	Max WS	TR200_TP06H	35.54	86.76	88.75		89.00	0.007510	2.23	15.92	13.59	0.66
Cascina_SDonato	1230.83	Max WS	TR200_TP08H	33.20	86.76	88.70		88.94	0.007566	2.18	15.21	13.59	0.66
Cascina_SDonato	1230.83	Max WS	TR030_TP0.5H	20.85	86.76	88.46		88.61	0.006351	1.75	11.92	13.41	0.59
Cascina_SDonato	1230.83	Max WS	TR030_TP01H	25.06	86.76	88.55		88.73	0.006746	1.90	13.19	13.59	0.62
Cascina_SDonato	1230.83	Max WS	TR030_TP02H	28.42	86.76	88.61		88.82	0.007135	2.03	14.03	13.59	0.64
Cascina_SDonato	1230.83	Max WS	TR030_TP03H	28.94	86.76	88.62		88.83	0.007202	2.04	14.15	13.59	0.64
Cascina_SDonato	1230.83	Max WS	TR030_TP04H	28.20	86.76	88.61		88.81	0.007130	2.02	13.97	13.59	0.64
Cascina_SDonato	1230.83	Max WS	TR030_TP06H	25.93	86.76	88.57		88.76	0.006865	1.93	13.41	13.59	0.62
Cascina_SDonato	1230.83	Max WS	TR030_TP08H	23.84	86.76	88.53		88.70	0.006602	1.85	12.87	13.59	0.61
Cascina_SDonato	1201.13	Max WS	TR200_TP03H	37.02	86.81	88.61		88.90	0.007719	2.38	15.56	12.28	0.67
Cascina_SDonato	1201.13	Max WS	TR200_TP01H	32.62	86.81	88.48		88.76	0.008343	2.33	13.99	12.28	0.70
Cascina_SDonato	1201.13	Max WS	TR200_TP02H	36.41	86.81	88.60		88.89	0.007688	2.36	15.42	12.28	0.67
Cascina_SDonato	1201.13	Max WS	TR200_TP0.5H	28.30	86.81	88.35		88.62	0.009262	2.29	12.35	12.28	0.73
Cascina_SDonato	1201.13	Max WS	TR200_TP04H	35.93	86.81	88.59		88.87	0.007644	2.35	15.31	12.28	0.67
Cascina_SDonato	1201.13	Max WS	TR200_TP06H	33.43	86.81	88.51		88.79	0.008158	2.34	14.31	12.28	0.69
Cascina_SDonato	1201.13	Max WS	TR200_TP08H	31.53	86.81	88.44		88.72	0.008709	2.34	13.50	12.28	0.71
Cascina_SDonato	1201.13	Max WS	TR030_TP0.5H	20.70	86.81	88.13		88.36	0.010211	2.14	9.69	11.72	0.75
Cascina_SDonato	1201.13	Max WS	TR030_TP01H	24.49	86.81	88.24		88.49	0.009645	2.22	11.04	11.96	0.74
Cascina_SDonato	1201.13	Max WS	TR030_TP02H	27.33	86.81	88.33		88.59	0.009229	2.26	12.08	12.23	0.73
Cascina_SDonato	1201.13	Max WS	TR030_TP03H	27.81	86.81	88.34		88.60	0.009225	2.27	12.23	12.27	0.73
Cascina_SDonato	1201.13	Max WS	TR030_TP04H	27.15	86.81	88.32		88.58	0.009289	2.26	12.00	12.20	0.73
Cascina_SDonato	1201.13	Max WS	TR030_TP06H	25.22	86.81	88.26		88.52	0.009549	2.23	11.29	12.01	0.74
Cascina_SDonato	1201.13	Max WS	TR030_TP08H	23.45	86.81	88.21		88.46	0.009757	2.20	10.68	11.90	0.74
Cascina_SDonato	1171.44	Max WS	TR200_TP03H	35.46	85.87	88.46		88.71	0.004976	2.24	15.80	7.74	0.50
Cascina_SDonato	1171.44	Max WS	TR200_TP01H	31.79	85.87	88.31		88.55	0.004961	2.17	14.65	7.74	0.50
Cascina_SDonato	1171.44	Max WS	TR200_TP02H	35.16	85.87	88.44		88.70	0.004986	2.24	15.70	7.74	0.50
Cascina_SDonato	1171.44	Max WS	TR200_TP0.5H	28.37	85.87	88.17		88.39	0.004894	2.09	13.60	7.74	0.50
Cascina_SDonato	1171.44	Max WS	TR200_TP04H	35.04	85.87	88.43		88.69	0.005034	2.25	15.61	7.74	0.51
Cascina_SDonato	1171.44	Max WS	TR200_TP06H	32.86	85.87	88.34		88.59	0.005044	2.20	14.91	7.74	0.51
Cascina_SDonato	1171.44	Max WS	TR200_TP08H	31.29	85.87	88.27		88.51	0.005120	2.18	14.33	7.74	0.51
Cascina_SDonato	1171.44	Max WS	TR030_TP0.5H	21.79	85.87	87.93		88.11	0.004459	1.86	11.71	7.74	0.48
Cascina_SDonato	1171.44	Max WS	TR030_TP01H	25.02	85.87	88.06		88.25	0.004639	1.97	12.70	7.74	0.49
Cascina_SDonato	1171.44	Max WS	TR030_TP02H	27.60	85.87	88.15		88.36	0.004836	2.06	13.40	7.74	0.50
Cascina_SDonato	1171.44	Max WS	TR030_TP03H	27.99	85.87	88.16		88.38	0.004866	2.07	13.50	7.74	0.50
Cascina_SDonato	1171.44	Max WS	TR030_TP04H	27.42	85.87	88.14		88.36	0.004826	2.05	13.35	7.74	0.50
Cascina_SDonato	1171.44	Max WS	TR030_TP06H	25.69	85.87	88.08		88.28	0.004702	2.00	12.87	7.74	0.49
Cascina_SDonato	1171.44	Max WS	TR030_TP08H	24.14	85.87	88.03		88.22	0.004574	1.94	12.45	7.74	0.49
Cascina_SDonato	1141.74	Max WS											

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Cascina_SDonato	1141.74	Max WS	TR030_TP02H	30.92	85.56	87.70		88.07	0.009332	2.70	11.43	7.01	0.68
Cascina_SDonato	1141.74	Max WS	TR030_TP03H	31.31	85.56	87.71		88.09	0.009367	2.72	11.52	7.01	0.68
Cascina_SDonato	1141.74	Max WS	TR030_TP04H	30.76	85.56	87.69		88.07	0.009350	2.70	11.39	7.01	0.68
Cascina_SDonato	1141.74	Max WS	TR030_TP06H	29.09	85.56	87.63		87.99	0.009293	2.65	10.98	7.01	0.68
Cascina_SDonato	1141.74	Max WS	TR030_TP08H	27.61	85.56	87.58		87.93	0.009227	2.60	10.61	7.01	0.67
Cascina_SDonato	1112.04	Max WS	TR200_TP03H	43.07	85.28	87.87		88.05	0.002764	1.90	23.33	12.00	0.43
Cascina_SDonato	1112.04	Max WS	TR200_TP01H	39.31	85.28	87.73		87.91	0.002882	1.86	21.68	12.00	0.44
Cascina_SDonato	1112.04	Max WS	TR200_TP02H	42.55	85.28	87.86		88.04	0.002741	1.89	23.21	12.00	0.43
Cascina_SDonato	1112.04	Max WS	TR200_TP05H	36.50	85.28	87.59		87.77	0.003187	1.87	19.99	12.00	0.46
Cascina_SDonato	1112.04	Max WS	TR200_TP04H	42.29	85.28	87.85		88.02	0.002774	1.89	23.03	12.00	0.43
Cascina_SDonato	1112.04	Max WS	TR200_TP06H	40.62	85.28	87.76		87.94	0.002923	1.89	22.05	12.00	0.44
Cascina_SDonato	1112.04	Max WS	TR200_TP08H	39.72	85.28	87.68		87.87	0.003217	1.94	21.06	12.00	0.46
Cascina_SDonato	1112.04	Max WS	TR030_TP05H	28.58	85.28	87.37		87.51	0.003046	1.69	17.31	12.00	0.44
Cascina_SDonato	1112.04	Max WS	TR030_TP01H	32.67	85.28	87.49		87.65	0.003108	1.79	18.75	12.00	0.45
Cascina_SDonato	1112.04	Max WS	TR030_TP02H	35.66	85.28	87.57		87.74	0.003154	1.85	19.76	12.00	0.45
Cascina_SDonato	1112.04	Max WS	TR030_TP03H	36.10	85.28	87.58		87.76	0.003161	1.86	19.90	12.00	0.45
Cascina_SDonato	1112.04	Max WS	TR030_TP04H	35.44	85.28	87.57		87.74	0.003154	1.85	19.68	12.00	0.45
Cascina_SDonato	1112.04	Max WS	TR030_TP06H	33.40	85.28	87.51		87.67	0.003120	1.80	19.00	12.00	0.45
Cascina_SDonato	1112.04	Max WS	TR030_TP08H	31.60	85.28	87.46		87.62	0.003081	1.76	18.41	12.00	0.45
Cascina_SDonato	1082.35	Max WS	TR200_TP03H	44.49	85.23	87.43	87.41	88.21	0.019785	3.90	11.42	7.05	0.98
Cascina_SDonato	1082.35	Max WS	TR200_TP01H	40.26	85.23	87.31	87.31	88.05	0.020436	3.82	10.54	7.05	1.00
Cascina_SDonato	1082.35	Max WS	TR200_TP02H	44.03	85.23	87.42	87.40	88.19	0.019878	3.89	11.32	7.05	0.98
Cascina_SDonato	1082.35	Max WS	TR200_TP05H	35.77	85.23	87.18	87.19	87.88	0.020792	3.70	9.67	7.05	1.01
Cascina_SDonato	1082.35	Max WS	TR200_TP04H	43.54	85.23	87.41	87.39	88.17	0.019886	3.88	11.23	7.05	0.98
Cascina_SDonato	1082.35	Max WS	TR200_TP06H	41.20	85.23	87.33	87.32	88.09	0.020310	3.84	10.73	7.05	0.99
Cascina_SDonato	1082.35	Max WS	TR200_TP08H	39.06	85.23	87.27	87.28	88.01	0.020640	3.80	10.29	7.05	1.00
Cascina_SDonato	1082.35	Max WS	TR030_TP05H	27.84	85.23	86.96	86.98	87.56	0.021512	3.45	8.07	7.05	1.03
Cascina_SDonato	1082.35	Max WS	TR030_TP01H	32.07	85.23	87.08	87.10	87.74	0.021313	3.60	8.90	7.05	1.02
Cascina_SDonato	1082.35	Max WS	TR030_TP02H	35.13	85.23	87.16	87.18	87.86	0.021167	3.70	9.49	7.05	1.02
Cascina_SDonato	1082.35	Max WS	TR030_TP03H	35.56	85.23	87.17	87.19	87.87	0.021165	3.72	9.57	7.05	1.02
Cascina_SDonato	1082.35	Max WS	TR030_TP04H	34.88	85.23	87.15	87.17	87.85	0.021253	3.70	9.43	7.05	1.02
Cascina_SDonato	1082.35	Max WS	TR030_TP06H	32.84	85.23	87.09	87.12	87.77	0.021379	3.63	9.04	7.05	1.03
Cascina_SDonato	1082.35	Max WS	TR030_TP08H	31.04	85.23	87.05	87.07	87.70	0.021461	3.57	8.69	7.05	1.03
Cascina_SDonato	1052.65	Max WS	TR200_TP03H	42.49	84.90	86.93		87.07	0.003208	1.70	25.05	17.20	0.45
Cascina_SDonato	1052.65	Max WS	TR200_TP01H	37.70	84.90	86.79		86.93	0.003437	1.66	22.70	17.20	0.46
Cascina_SDonato	1052.65	Max WS	TR200_TP02H	42.75	84.90	86.91		87.06	0.003344	1.72	24.81	17.20	0.46
Cascina_SDonato	1052.65	Max WS	TR200_TP05H	32.59	84.90	86.65		86.78	0.003633	1.60	20.34	17.20	0.47
Cascina_SDonato	1052.65	Max WS	TR200_TP04H	42.54	84.90	86.90		87.05	0.003401	1.73	24.60	17.20	0.46
Cascina_SDonato	1052.65	Max WS	TR200_TP06H	39.34	84.90	86.81		86.96	0.003537	1.70	23.11	17.20	0.47
Cascina_SDonato	1052.65	Max WS	TR200_TP08H	36.31	84.90	86.73		86.88	0.003647	1.67	21.76	17.20	0.47
Cascina_SDonato	1052.65	Max WS	TR030_TP05H	25.07	84.90	86.43		86.55	0.004168	1.52	16.51	17.20	0.49
Cascina_SDonato	1052.65	Max WS	TR030_TP01H	28.54	84.90	86.54		86.66	0.003810	1.55	18.43	17.20	0.48
Cascina_SDonato	1052.65	Max WS	TR030_TP02H	32.52	84.90	86.62		86.76	0.003973	1.65	19.75	17.20	0.49
Cascina_SDonato	1052.65	Max WS	TR030_TP03H	32.98	84.90	86.63		86.77	0.003972	1.66	19.93	17.20	0.49
Cascina_SDonato	1052.65	Max WS	TR030_TP04H	32.30	84.90	86.61		86.75	0.004020	1.65	19.59	17.20	0.49
Cascina_SDonato	1052.65	Max WS	TR030_TP06H	29.98	84.90	86.55		86.69	0.004034	1.61	18.67	17.20	0.49
Cascina_SDonato	1052.65	Max WS	TR030_TP08H	27.34	84.90	86.51		86.63	0.003836	1.53	17.90	17.20	0.48
Cascina_SDonato	1022.96	Max WS	TR200_TP03H	41.54	83.94	86.47		86.86	0.009795	2.76	15.07	11.28	0.76
Cascina_SDonato	1022.96	Max WS	TR200_TP01H	36.45	83.94	86.39		86.73	0.009142	2.58	14.12	11.14	0.73
Cascina_SDonato	1022.96	Max WS	TR200_TP02H	41.32	83.94	86.48		86.86	0.009544	2.73	15.15	11.29	0.75
Cascina_SDonato	1022.96	Max WS	TR200_TP05H	29.62	83.94	86.31		86.56	0.007280	2.24	13.25	11.01	0.65
Cascina_SDonato	1022.96	Max WS	TR200_TP04H	41.02	83.94	86.46		86.84	0.009869	2.75	14.91	11.25	0.76
Cascina_SDonato	1022.96	Max WS	TR200_TP06H	38.07	83.94	86.40		86.76	0.009721	2.67	14.24	11.16	0.76
Cascina_SDonato	1022.96	Max WS	TR200_TP08H	35.07	83.94	86.35		86.68	0.009138	2.55	13.76	11.09	0.73
Cascina_SDonato	1022.96	Max WS	TR030_TP05H	22.65	83.94	86.21		86.38	0.005487	1.86	12.16	10.86	0.56
Cascina_SDonato	1022.96	Max WS	TR030_TP01H	27.18	83.94	86.28		86.51	0.006546	2.10	12.96	10.97	0.62
Cascina_SDonato	1022.96	Max WS	TR030_TP02H	30.77	83.94	86.32		86.59	0.007656	2.30	13.37	11.03	0.67
Cascina_SDonato	1022.96	Max WS	TR030_TP03H	31.20	83.94	86.32		86.60	0.007765	2.32	13.43	11.04	0.67
Cascina_SDonato	1022.96	Max WS	TR030_TP04H	30.42	83.94	86.31		86.58	0.007547	2.28	13.33	11.03	0.66
Cascina_SDonato	1022.96	Max WS	TR030_TP06H	28.00	83.94	86.31		86.54	0.006486	2.11	13.26	11.02	0.61
Cascina_SDonato	1022.96	Max WS	TR030_TP08H	26.37	83.94	86.28		86.49	0.006177	2.04	12.95	10.97	0.60
Cascina_SDonato	993.26	Max WS	TR200_TP03H	35.00	83.95	86.28		86.58	0.009341	2.46	14.24	12.69	0.74
Cascina_SDonato	993.26	Max WS	TR200_TP01H	29.95	83.95	86.17		86.44	0.008543	2.31	12.97	11.90	0.71
Cascina_SDonato	993.26	Max WS	TR200_TP02H	34.05	83.95	86.27		86.56	0.009006	2.41	14.12	12.58	0.73
Cascina_SDonato	993.26	Max WS	TR200_TP05H	26.01	83.95	86.04		86.30	0.008916	2.26	11.49	11.28	0.72
Cascina_SDonato	993.26	Max WS	TR200_TP04H	34.44	83.95	86.25		86.56	0.009450	2.47	13.94	12.44	0.75
Cascina_SDonato	993.26	Max WS	TR200_TP06H	31.93	83.95	86.16		86.47	0.010007	2.49	12.81	11.82	0.76
Cascina_SDonato	993.26	Max WS	TR200_TP08H	29.85	83.95	86.08		86.40	0.010626	2.51	11.91	11.44	0.78
Cascina_SDonato	993.26	Max WS	TR030_TP05H	21.29	83.95	85.78		86.07	0.010523	2.40	8.87	8.96	0.77
Cascina_SDonato	993.26	Max WS	TR030_TP01H	24.31	83.95	85.90		86.20	0.010000	2.43	10.01	9.56	0.76
Cascina_SDonato	993.26	Max WS	TR030_TP02H	26.69	83.95	85.95		86.28	0.010963	2.55	10.49	10.04	0.80
Cascina_SDonato	993.26	Max WS	TR030_TP03H	26.98	83.95	85.95		86.29	0.011240	2.58	10.46	9.99	0.81
Cascina_SDonato	993.26	Max WS	TR030_TP04H	26.89	83.95	85.92		86.28	0.011587	2.63	10.23	9.70	0.82
Cascina_SDonato	993.26	Max WS	TR030_TP06H	25.50	83.95	85.88		86.22	0.011613	2.60	9.79	9.42	0.82
Cascina_SDonato	993.26	Max WS	TR030_TP08H	23.69	83.95	85.84		86.16	0.011002	2.51	9.45	9.25	0.79
Cascina_valle	963.57	Max WS	TR200_TP03H	33.85	83.67	86.05		86.43	0.009759	2.75	12.33	8.15	0.71
Cascina_valle	963.57	Max WS	TR200_TP01H	30.73	83.67	85.97		86.32	0.009315	2.63	11.67	8.01	0.70
Cascina_valle	963.57	Max WS	TR200_TP02H	33.64	83.67	86.04		86.42	0.009781	2.74	12.27	8.15	0.71
Cascina_valle	963.57	Max WS	TR200_TP05H	27.49	83.67	85.86		86.19	0.008647	2.54	10.82	7.37	0.67
Cascina_valle	963.57	Max WS	TR200_TP04H	33.35	83.67	86.03		86.41	0.009742	2.73	12.21	8.15	0.71
Cascina_valle	963.57	Max WS	TR200_TP06H	31.13	83.67	85.96		86.33	0.009596	2.68	11.63	7.96	0.71
Cascina_valle	963.57	Max WS	TR200_TP08H	29.27	83.67	85.90		86.25	0.009188	2.63	11.13	7.54	0.69
Cascina_valle	963.57	Max WS	TR030_TP05H	22.36	83.67	85.63		85.93	0.008779	2.42	9.23	6.97	0.67
Cascina_valle	963.57	Max WS	TR030_TP01H	24.24	83.67	85.77		86.06	0.007836	2.38	10.17	7.11	0.64
Cascina_valle	963.57	Max WS	TR030_TP02H	26.62	83.67	85.80		86.13	0.008865	2.56	10.40	7.14	0.68
Cascina_valle	963.57	Max WS	TR030_TP03H	26.82	83.67	85.80		86.14	0				

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Cascina_valle	933.87	Max WS	TR200_TP01H	33.80	82.85	85.83		85.98	0.003049	1.68	20.07	12.47	0.42
Cascina_valle	933.87	Max WS	TR200_TP02H	36.17	82.85	85.92		86.07	0.002949	1.70	21.22	12.47	0.42
Cascina_valle	933.87	Max WS	TR200_TP05H	30.76	82.85	85.71		85.85	0.003199	1.66	18.57	12.47	0.43
Cascina_valle	933.87	Max WS	TR200_TP04H	35.76	82.85	85.91		86.06	0.002946	1.70	21.06	12.47	0.42
Cascina_valle	933.87	Max WS	TR200_TP06H	33.82	82.85	85.84		85.98	0.003000	1.68	20.18	12.47	0.42
Cascina_valle	933.87	Max WS	TR200_TP08H	32.07	82.85	85.78		85.92	0.003030	1.65	19.43	12.47	0.42
Cascina_valle	933.87	Max WS	TR030_TP05H	25.75	82.85	85.45		85.60	0.004054	1.68	15.33	12.47	0.48
Cascina_valle	933.87	Max WS	TR030_TP01H	28.81	82.85	85.58		85.73	0.003747	1.70	16.91	12.47	0.47
Cascina_valle	933.87	Max WS	TR030_TP02H	29.81	82.85	85.65		85.80	0.003393	1.67	17.85	12.47	0.45
Cascina_valle	933.87	Max WS	TR030_TP03H	29.91	82.85	85.67		85.81	0.003332	1.66	18.00	12.47	0.44
Cascina_valle	933.87	Max WS	TR030_TP04H	29.57	82.85	85.64		85.78	0.003440	1.67	17.68	12.47	0.45
Cascina_valle	933.87	Max WS	TR030_TP06H	27.82	82.85	85.58		85.72	0.003453	1.64	16.97	12.47	0.45
Cascina_valle	933.87	Max WS	TR030_TP08H	26.54	82.85	85.53		85.66	0.003571	1.63	16.28	12.47	0.46
Cascina_valle	923.97	Max WS	TR200_TP03H	34.42	83.28	85.92		86.06	0.003013	1.68	20.49	12.69	0.42
Cascina_valle	923.97	Max WS	TR200_TP01H	32.21	83.28	85.80		85.95	0.003353	1.70	18.95	12.69	0.44
Cascina_valle	923.97	Max WS	TR200_TP02H	34.12	83.28	85.91		86.05	0.003029	1.68	20.34	12.69	0.42
Cascina_valle	923.97	Max WS	TR200_TP05H	30.17	83.28	85.67		85.82	0.003917	1.75	17.26	12.69	0.48
Cascina_valle	923.97	Max WS	TR200_TP04H	33.87	83.28	85.90		86.04	0.003057	1.68	20.18	12.69	0.42
Cascina_valle	923.97	Max WS	TR200_TP06H	32.38	83.28	85.82		85.96	0.003263	1.69	19.18	12.69	0.44
Cascina_valle	923.97	Max WS	TR200_TP08H	31.11	83.28	85.75		85.90	0.003472	1.70	18.32	12.69	0.45
Cascina_valle	923.97	Max WS	TR030_TP05H	25.56	83.28	85.35		85.54	0.006343	1.92	13.29	12.69	0.60
Cascina_valle	923.97	Max WS	TR030_TP01H	27.50	83.28	85.51		85.68	0.004709	1.79	15.32	12.69	0.52
Cascina_valle	923.97	Max WS	TR030_TP02H	29.54	83.28	85.59		85.76	0.004468	1.81	16.32	12.69	0.51
Cascina_valle	923.97	Max WS	TR030_TP03H	29.59	83.28	85.61		85.77	0.004328	1.79	16.51	12.69	0.50
Cascina_valle	923.97	Max WS	TR030_TP04H	29.34	83.28	85.57		85.74	0.004599	1.82	16.10	12.69	0.52
Cascina_valle	923.97	Max WS	TR030_TP06H	27.17	83.28	85.53		85.69	0.004395	1.75	15.55	12.69	0.50
Cascina_valle	923.97	Max WS	TR030_TP08H	26.09	83.28	85.46		85.62	0.004867	1.78	14.66	12.69	0.53
Cascina_valle	914.07	Max WS	TR200_TP03H	35.70	83.06	85.91		86.02	0.001674	1.46	24.86	12.92	0.33
Cascina_valle	914.07	Max WS	TR200_TP01H	33.67	83.06	85.79		85.89	0.001839	1.47	23.22	12.92	0.35
Cascina_valle	914.07	Max WS	TR200_TP02H	35.35	83.06	85.90		86.01	0.001674	1.46	24.70	12.92	0.33
Cascina_valle	914.07	Max WS	TR200_TP05H	31.84	83.06	85.65		85.76	0.002100	1.51	21.47	12.92	0.37
Cascina_valle	914.07	Max WS	TR200_TP04H	35.16	83.06	85.88		85.99	0.001696	1.46	24.51	12.92	0.34
Cascina_valle	914.07	Max WS	TR200_TP06H	33.82	83.06	85.80		85.91	0.001793	1.46	23.48	12.92	0.34
Cascina_valle	914.07	Max WS	TR200_TP08H	32.66	83.06	85.74		85.84	0.001887	1.47	22.58	12.92	0.35
Cascina_valle	914.07	Max WS	TR030_TP05H	27.63	83.06	85.32		85.45	0.003177	1.63	17.19	12.92	0.45
Cascina_valle	914.07	Max WS	TR030_TP01H	28.44	83.06	85.50		85.61	0.002228	1.47	19.60	12.92	0.38
Cascina_valle	914.07	Max WS	TR030_TP02H	31.41	83.06	85.57		85.69	0.002383	1.56	20.44	12.92	0.39
Cascina_valle	914.07	Max WS	TR030_TP03H	31.44	83.06	85.59		85.71	0.002315	1.55	20.65	12.92	0.39
Cascina_valle	914.07	Max WS	TR030_TP04H	31.25	83.06	85.55		85.68	0.002449	1.57	20.20	12.92	0.40
Cascina_valle	914.07	Max WS	TR030_TP06H	27.13	83.06	85.53		85.63	0.001915	1.38	19.96	12.92	0.35
Cascina_valle	914.07	Max WS	TR030_TP08H	27.06	83.06	85.44		85.55	0.002298	1.46	18.80	12.92	0.38
Cascina_valle	904.17	Max WS	TR200_TP03H	39.76	83.47	85.55		85.91	0.010499	2.64	15.06	13.16	0.79
Cascina_valle	904.17	Max WS	TR200_TP01H	35.95	83.47	85.42		85.79	0.012707	2.71	13.29	13.16	0.86
Cascina_valle	904.17	Max WS	TR200_TP02H	39.39	83.47	85.54		85.90	0.010724	2.65	14.87	13.16	0.80
Cascina_valle	904.17	Max WS	TR200_TP05H	34.66	83.47	85.29	85.25	85.74	0.016009	2.98	11.62	11.86	0.96
Cascina_valle	904.17	Max WS	TR200_TP04H	38.96	83.47	85.52		85.88	0.011059	2.67	14.62	13.16	0.81
Cascina_valle	904.17	Max WS	TR200_TP06H	36.53	83.47	85.44		85.81	0.012388	2.70	13.53	13.16	0.85
Cascina_valle	904.17	Max WS	TR200_TP08H	34.55	83.47	85.36		85.75	0.014041	2.76	12.54	13.11	0.90
Cascina_valle	904.17	Max WS	TR030_TP05H	31.88	83.47	85.17	85.19	85.66	0.018906	3.10	10.30	11.26	1.03
Cascina_valle	904.17	Max WS	TR030_TP01H	37.68	83.47	85.27	85.34	85.83	0.019790	3.30	11.40	11.68	1.07
Cascina_valle	904.17	Max WS	TR030_TP02H	38.77	83.47	85.29	85.36	85.86	0.020149	3.35	11.59	11.82	1.08
Cascina_valle	904.17	Max WS	TR030_TP03H	38.90	83.47	85.29	85.37	85.86	0.020251	3.35	11.60	11.83	1.08
Cascina_valle	904.17	Max WS	TR030_TP04H	38.91	83.47	85.29	85.37	85.86	0.020246	3.35	11.60	11.84	1.08
Cascina_valle	904.17	Max WS	TR030_TP06H	36.96	83.47	85.28	85.31	85.80	0.018574	3.21	11.51	11.75	1.04
Cascina_valle	904.17	Max WS	TR030_TP08H	34.72	83.47	85.23	85.25	85.74	0.018588	3.16	10.99	11.48	1.03
Cascina_valle	894.27	Max WS	TR200_TP03H	53.75	82.91	85.35		85.62	0.005073	2.32	23.19	13.22	0.56
Cascina_valle	894.27	Max WS	TR200_TP01H	47.80	82.91	85.25		85.50	0.004738	2.18	21.95	13.22	0.54
Cascina_valle	894.27	Max WS	TR200_TP02H	53.11	82.91	85.34		85.61	0.005034	2.30	23.06	13.22	0.56
Cascina_valle	894.27	Max WS	TR200_TP05H	42.58	82.91	85.16		85.38	0.004472	2.05	20.74	13.22	0.52
Cascina_valle	894.27	Max WS	TR200_TP04H	52.35	82.91	85.33		85.59	0.004998	2.29	22.90	13.22	0.55
Cascina_valle	894.27	Max WS	TR200_TP06H	48.63	82.91	85.27		85.51	0.004781	2.20	22.14	13.22	0.54
Cascina_valle	894.27	Max WS	TR200_TP08H	45.49	82.91	85.22		85.45	0.004599	2.12	21.46	13.22	0.53
Cascina_valle	894.27	Max WS	TR030_TP05H	32.37	82.91	84.96		85.13	0.003924	1.79	18.10	13.22	0.49
Cascina_valle	894.27	Max WS	TR030_TP01H	39.63	82.91	85.11		85.31	0.004327	1.98	20.00	13.22	0.51
Cascina_valle	894.27	Max WS	TR030_TP02H	40.93	82.91	85.13		85.34	0.004375	2.01	20.36	13.22	0.52
Cascina_valle	894.27	Max WS	TR030_TP03H	41.19	82.91	85.14		85.35	0.004382	2.02	20.43	13.22	0.52
Cascina_valle	894.27	Max WS	TR030_TP04H	40.48	82.91	85.12		85.33	0.004353	2.00	20.24	13.22	0.52
Cascina_valle	894.27	Max WS	TR030_TP06H	39.54	82.91	85.11		85.30	0.004317	1.98	19.99	13.22	0.51
Cascina_valle	894.27	Max WS	TR030_TP08H	37.63	82.91	85.07		85.26	0.004234	1.93	19.48	13.22	0.51
Cascina_valle	884.38	Max WS	TR200_TP03H	52.48	82.72	85.36		85.57	0.003540	2.03	25.82	13.28	0.47
Cascina_valle	884.38	Max WS	TR200_TP01H	46.38	82.72	85.27		85.45	0.003196	1.88	24.61	13.28	0.44
Cascina_valle	884.38	Max WS	TR200_TP02H	51.80	82.72	85.35		85.56	0.003497	2.02	25.71	13.28	0.46
Cascina_valle	884.38	Max WS	TR200_TP05H	41.22	82.72	85.18		85.33	0.002949	1.76	23.38	13.28	0.42
Cascina_valle	884.38	Max WS	TR200_TP04H	50.99	82.72	85.34		85.54	0.003451	2.00	25.55	13.28	0.46
Cascina_valle	884.38	Max WS	TR200_TP06H	47.24	82.72	85.28		85.47	0.003242	1.91	24.79	13.28	0.45
Cascina_valle	884.38	Max WS	TR200_TP08H	44.06	82.72	85.23		85.40	0.003067	1.83	24.12	13.28	0.43
Cascina_valle	884.38	Max WS	TR030_TP05H	31.76	82.72	84.96		85.09	0.002589	1.54	20.57	13.28	0.40
Cascina_valle	884.38	Max WS	TR030_TP01H	38.00	82.72	85.10		85.25	0.002853	1.70	22.41	13.28	0.42
Cascina_valle	884.38	Max WS	TR030_TP02H	39.72	82.72	85.14		85.30	0.002894	1.73	22.96	13.28	0.42
Cascina_valle	884.38	Max WS	TR030_TP03H	39.96	82.72	85.15		85.30	0.002899	1.73	23.04	13.28	0.42
Cascina_valle	884.38	Max WS	TR030_TP04H	39.31	82.72	85.14		85.29	0.002880	1.72	22.84	13.28	0.42
Cascina_valle	884.38	Max WS	TR030_TP06H	38.16	82.72	85.10		85.25	0.002876	1.70	22.41	13.28	0.42
Cascina_valle	884.38	Max WS	TR030_TP08H	36.33	82.72	85.06		85.20	0.002819	1.66	21.84	13.28	0.41
Cascina_valle	874.48	Max WS	TR200_TP03H	49.69	82.78	85.24		85.54	0.006217	2.43	20.45	13.36	0.63
Cascina_valle	874.48	Max WS	TR200_TP01H	44.21	82.78	85.15		85.42	0.005945	2.30	19.22	13.36	0.61
Cascina_valle	874.48	Max WS	TR200_TP02H	49.11	82.78	85.23		85.53	0.006179	2.42	20.33	13.36	0.63
Cascina_valle	874.48	Max WS	TR200_TP05H	39.79	82.78	85.04							

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Cascina_valle	874.48	Max WS	TR030_TP06H	36.93	82.78	84.95		85.20	0.006631	2.24	16.52	13.36	0.64
Cascina_valle	874.48	Max WS	TR030_TP08H	34.74	82.78	84.89		85.14	0.006731	2.21	15.75	13.23	0.65
Cascina_valle	859.63	Max WS	TR200_TP03H	47.78	82.71	84.85	85.17	85.92	0.036204	4.59	10.41	9.55	1.40
Cascina_valle	859.63	Max WS	TR200_TP01H	42.86	82.71	84.74	85.09	85.80	0.038194	4.55	9.42	9.16	1.43
Cascina_valle	859.63	Max WS	TR200_TP02H	47.28	82.71	84.84	85.16	85.91	0.036341	4.58	10.31	9.51	1.41
Cascina_valle	859.63	Max WS	TR200_TP05H	38.86	82.71	84.64	84.98	85.70	0.036550	4.56	8.52	7.94	1.41
Cascina_valle	859.63	Max WS	TR200_TP04H	46.59	82.71	84.82	85.15	85.89	0.036567	4.58	10.18	9.45	1.41
Cascina_valle	859.63	Max WS	TR200_TP06H	43.56	82.71	84.76	85.10	85.81	0.037681	4.55	9.57	9.21	1.42
Cascina_valle	859.63	Max WS	TR200_TP08H	41.08	82.71	84.70	85.05	85.76	0.039715	4.55	9.02	9.06	1.46
Cascina_valle	859.63	Max WS	TR030_TP05H	31.03	82.71	84.42	84.77	85.43	0.035732	4.47	6.95	6.53	1.38
Cascina_valle	859.63	Max WS	TR030_TP01H	35.64	82.71	84.54	84.89	85.61	0.035914	4.59	7.77	7.03	1.39
Cascina_valle	859.63	Max WS	TR030_TP02H	37.70	82.71	84.60	84.95	85.67	0.037949	4.58	8.23	7.89	1.43
Cascina_valle	859.63	Max WS	TR030_TP03H	37.90	82.71	84.61	84.95	85.68	0.037681	4.58	8.28	7.90	1.43
Cascina_valle	859.63	Max WS	TR030_TP04H	37.36	82.71	84.59	84.93	85.66	0.037693	4.58	8.15	7.74	1.43
Cascina_valle	859.63	Max WS	TR030_TP06H	36.00	82.71	84.55	84.90	85.63	0.036390	4.60	7.83	7.15	1.40
Cascina_valle	859.63	Max WS	TR030_TP08H	34.04	82.71	84.50	84.85	85.55	0.035235	4.56	7.47	6.72	1.38
Cascina_valle	844.78	Max WS	TR200_TP03H	45.97	82.03	84.34	84.27	85.00	0.016689	3.62	12.69	8.57	0.95
Cascina_valle	844.78	Max WS	TR200_TP01H	41.54	82.03	84.21	84.15	84.86	0.016781	3.56	11.66	8.12	0.95
Cascina_valle	844.78	Max WS	TR200_TP02H	45.55	82.03	84.32	84.26	84.99	0.016687	3.62	12.59	8.53	0.95
Cascina_valle	844.78	Max WS	TR200_TP05H	37.92	82.03	84.11	84.05	84.73	0.016874	3.51	10.81	7.79	0.95
Cascina_valle	844.78	Max WS	TR200_TP04H	44.91	82.03	84.31	84.24	84.97	0.016676	3.61	12.45	8.47	0.95
Cascina_valle	844.78	Max WS	TR200_TP06H	42.14	82.03	84.23	84.17	84.88	0.016642	3.56	11.83	8.20	0.95
Cascina_valle	844.78	Max WS	TR200_TP08H	39.95	82.03	84.17	84.11	84.80	0.016835	3.54	11.28	7.98	0.95
Cascina_valle	844.78	Max WS	TR030_TP05H	30.70	82.03	83.89	83.83	84.46	0.016966	3.34	9.19	7.26	0.95
Cascina_valle	844.78	Max WS	TR030_TP01H	34.78	82.03	84.01	83.97	84.62	0.017243	3.45	10.08	7.64	0.96
Cascina_valle	844.78	Max WS	TR030_TP02H	36.81	82.03	84.07	84.02	84.69	0.016992	3.50	10.53	7.67	0.95
Cascina_valle	844.78	Max WS	TR030_TP03H	37.01	82.03	84.08	84.03	84.70	0.016978	3.50	10.58	7.69	0.95
Cascina_valle	844.78	Max WS	TR030_TP04H	36.50	82.03	84.06	84.01	84.68	0.017063	3.49	10.45	7.67	0.95
Cascina_valle	844.78	Max WS	TR030_TP06H	35.08	82.03	84.02	83.98	84.63	0.017292	3.46	10.13	7.64	0.96
Cascina_valle	844.78	Max WS	TR030_TP08H	33.23	82.03	83.97	83.92	84.56	0.017313	3.41	9.76	7.62	0.96
Cascina_valle	840	Max WS	TR200_TP03H	47.81	82.02	84.23		84.37	0.002731	1.60	29.84	20.10	0.42
Cascina_valle	840	Max WS	TR200_TP01H	42.95	82.02	84.12		84.25	0.002826	1.56	27.58	20.10	0.42
Cascina_valle	840	Max WS	TR200_TP02H	47.36	82.02	84.23		84.36	0.002733	1.60	29.65	20.10	0.42
Cascina_valle	840	Max WS	TR200_TP05H	37.67	82.02	84.02		84.13	0.002761	1.47	25.58	20.10	0.42
Cascina_valle	840	Max WS	TR200_TP04H	46.50	82.02	84.21		84.34	0.002721	1.58	29.35	20.10	0.42
Cascina_valle	840	Max WS	TR200_TP06H	43.15	82.02	84.14		84.26	0.002716	1.54	28.01	20.10	0.42
Cascina_valle	840	Max WS	TR200_TP08H	40.71	82.02	84.08		84.20	0.002812	1.52	26.71	20.10	0.42
Cascina_valle	840	Max WS	TR030_TP05H	28.28	82.02	83.82		83.91	0.002685	1.31	21.55	20.10	0.40
Cascina_valle	840	Max WS	TR030_TP01H	32.82	82.02	83.92		84.02	0.002773	1.40	23.42	20.10	0.41
Cascina_valle	840	Max WS	TR030_TP02H	35.81	82.02	83.98		84.09	0.002789	1.45	24.70	20.10	0.42
Cascina_valle	840	Max WS	TR030_TP03H	36.15	82.02	83.99		84.09	0.002790	1.46	24.84	20.10	0.42
Cascina_valle	840	Max WS	TR030_TP04H	35.28	82.02	83.97		84.07	0.002783	1.44	24.48	20.10	0.42
Cascina_valle	840	Max WS	TR030_TP06H	33.09	82.02	83.92		84.02	0.002808	1.41	23.45	20.10	0.42
Cascina_valle	840	Max WS	TR030_TP08H	30.97	82.02	83.87		83.97	0.002793	1.37	22.53	20.10	0.41
Cascina_valle	820	Max WS	TR200_TP03H	48.82	81.89	84.11		84.33	0.004267	2.07	23.61	14.40	0.52
Cascina_valle	820	Max WS	TR200_TP01H	44.54	81.89	84.00		84.21	0.004450	2.03	21.94	14.40	0.53
Cascina_valle	820	Max WS	TR200_TP02H	48.32	81.89	84.10		84.32	0.004237	2.06	23.51	14.40	0.51
Cascina_valle	820	Max WS	TR200_TP05H	38.85	81.89	83.92		84.10	0.003937	1.86	20.90	14.40	0.49
Cascina_valle	820	Max WS	TR200_TP04H	47.44	81.89	84.09		84.30	0.004180	2.03	23.33	14.40	0.51
Cascina_valle	820	Max WS	TR200_TP06H	44.04	81.89	84.04		84.23	0.003998	1.95	22.56	14.40	0.50
Cascina_valle	820	Max WS	TR200_TP08H	42.06	81.89	83.97		84.16	0.004223	1.96	21.51	14.40	0.51
Cascina_valle	820	Max WS	TR030_TP05H	28.25	81.89	83.78		83.89	0.002899	1.50	18.78	14.40	0.42
Cascina_valle	820	Max WS	TR030_TP01H	33.18	81.89	83.85		83.99	0.003392	1.68	19.81	14.40	0.46
Cascina_valle	820	Max WS	TR030_TP02H	36.66	81.89	83.89		84.06	0.003752	1.79	20.45	14.40	0.48
Cascina_valle	820	Max WS	TR030_TP03H	37.06	81.89	83.90		84.06	0.003790	1.81	20.52	14.40	0.48
Cascina_valle	820	Max WS	TR030_TP04H	36.06	81.89	83.88		84.04	0.003688	1.77	20.34	14.40	0.48
Cascina_valle	820	Max WS	TR030_TP06H	33.27	81.89	83.85		83.99	0.003379	1.67	19.86	14.40	0.46
Cascina_valle	820	Max WS	TR030_TP08H	30.93	81.89	83.82		83.95	0.003157	1.60	19.37	14.40	0.44
Cascina_valle	819.99		Lat Struct										
Cascina_valle	819.98		Lat Struct										
Cascina_valle	785.39	Max WS	TR200_TP03H	37.48	81.14	83.77		84.30	0.012768	3.24	11.58	6.75	0.79
Cascina_valle	785.39	Max WS	TR200_TP01H	9.29	81.14	83.76		83.80	0.000792	0.80	11.54	6.75	0.20
Cascina_valle	785.39	Max WS	TR200_TP02H	9.29	81.14	83.76		83.80	0.000792	0.80	11.54	6.75	0.20
Cascina_valle	785.39	Max WS	TR200_TP05H	9.66	81.14	83.75		83.78	0.000881	0.85	11.42	6.75	0.21
Cascina_valle	785.39	Max WS	TR200_TP04H	9.29	81.14	83.76		83.80	0.000792	0.80	11.54	6.75	0.20
Cascina_valle	785.39	Max WS	TR200_TP06H	9.29	81.14	83.76		83.80	0.000792	0.80	11.54	6.75	0.20
Cascina_valle	785.39	Max WS	TR200_TP08H	9.29	81.14	83.76		83.80	0.000792	0.80	11.54	6.75	0.20
Cascina_valle	785.39	Max WS	TR030_TP05H	9.66	81.14	83.75		83.78	0.000881	0.85	11.42	6.75	0.21
Cascina_valle	785.39	Max WS	TR030_TP01H	9.29	81.14	83.76		83.80	0.000792	0.80	11.54	6.75	0.20
Cascina_valle	785.39	Max WS	TR030_TP02H	9.29	81.14	83.76		83.80	0.000792	0.80	11.54	6.75	0.20
Cascina_valle	785.39	Max WS	TR030_TP03H	9.29	81.14	83.76		83.80	0.000792	0.80	11.54	6.75	0.20
Cascina_valle	785.39	Max WS	TR030_TP04H	9.29	81.14	83.76		83.80	0.000792	0.80	11.54	6.75	0.20
Cascina_valle	785.39	Max WS	TR030_TP06H	9.66	81.14	83.75		83.78	0.000881	0.85	11.42	6.75	0.21
Cascina_valle	785.39	Max WS	TR030_TP08H	9.29	81.14	83.76		83.80	0.000792	0.80	11.54	6.75	0.20
Cascina_valle	755.70	Max WS	TR200_TP03H	10.78	81.55	83.67		83.71	0.000894	0.86	12.60	7.74	0.21
Cascina_valle	755.70	Max WS	TR200_TP01H	10.78	81.55	83.67		83.71	0.000894	0.86	12.60	7.74	0.21
Cascina_valle	755.70	Max WS	TR200_TP02H	10.78	81.55	83.67		83.71	0.000894	0.86	12.60	7.74	0.21
Cascina_valle	755.70	Max WS	TR200_TP05H	10.78	81.55	83.67		83.71	0.000894	0.86	12.60	7.74	0.21
Cascina_valle	755.70	Max WS	TR200_TP04H	10.78	81.55	83.67		83.71	0.000894	0.86	12.60	7.74	0.21
Cascina_valle	755.70	Max WS	TR200_TP06H	10.78	81.55	83.67		83.71	0.000894	0.86	12.60	7.74	0.21
Cascina_valle	755.70	Max WS	TR200_TP08H	10.78	81.55	83.67		83.71	0.000894	0.86	12.60	7.74	0.21
Cascina_valle	755.70	Max WS	TR030_TP05H	10.78	81.55	83.67		83.71	0.000894	0.86	12.60	7.74	0.21
Cascina_valle	755.70	Max WS	TR030_TP01H	10.78	81.55	83.67		83.71	0.000894	0.86	12.60	7.74	0.21
Cascina_valle	755.70	Max WS	TR030_TP02H	10.78	81.55	83.67		83.71	0.000894	0.86	12.60	7.74	0.21
Cascina_valle	755.70	Max WS	TR030_TP03H	10.78	81.55	83.67		83.71	0.000894	0.86	12.60	7.74	0.21
Cascina_valle	755.70	Max WS	TR030_TP04H	10.78	81.55	83.67		83.71	0.000894	0.86	12.60	7.74	0.21
Cascina_valle	755.70	Max WS	TR030_TP06H	10.78	81.55	83.67		83.71	0.000894	0.86	12.60	7.74	0.21
Cascina_valle	755.7												

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Cascina_valle	726.00	Max WS	TR200_TP04H	18.75	81.97	83.32	83.30	83.82	0.020649	3.14	5.96	5.61	0.97
Cascina_valle	726.00	Max WS	TR200_TP06H	17.47	81.97	83.27	83.25	83.75	0.020575	3.07	5.69	5.61	0.97
Cascina_valle	726.00	Max WS	TR200_TP08H	16.29	81.97	83.23	83.21	83.68	0.020483	3.00	5.44	5.61	0.97
Cascina_valle	726.00	Max WS	TR030_TP0.5H	14.95	81.97	83.08	83.16	83.61	0.027818	3.23	4.63	5.61	1.13
Cascina_valle	726.00	Max WS	TR030_TP01H	13.44	81.97	83.11	83.09	83.51	0.020318	2.81	4.79	5.61	0.97
Cascina_valle	726.00	Max WS	TR030_TP02H	14.56	81.97	83.16	83.14	83.58	0.020387	2.88	5.05	5.61	0.97
Cascina_valle	726.00	Max WS	TR030_TP03H	14.69	81.97	83.16	83.15	83.59	0.020412	2.89	5.08	5.61	0.97
Cascina_valle	726.00	Max WS	TR030_TP04H	14.34	81.97	83.15	83.13	83.57	0.020315	2.87	5.01	5.61	0.97
Cascina_valle	726.00	Max WS	TR030_TP06H	13.59	81.97	83.12	83.10	83.52	0.020573	2.83	4.81	5.61	0.98
Cascina_valle	726.00	Max WS	TR030_TP08H	12.73	81.97	83.08	83.07	83.47	0.020319	2.75	4.62	5.61	0.97
Cascina_valle	696.30	Max WS	TR200_TP03H	19.91	80.35	82.06		83.14	0.001558	1.22	16.36	9.62	0.30
Cascina_valle	696.30	Max WS	TR200_TP01H	17.73	80.35	82.99		83.06	0.001409	1.13	15.66	9.62	0.28
Cascina_valle	696.30	Max WS	TR200_TP02H	19.73	80.35	83.06		83.13	0.001546	1.21	16.31	9.62	0.30
Cascina_valle	696.30	Max WS	TR200_TP0.5H	16.00	80.35	82.92		82.98	0.001306	1.07	14.99	9.62	0.27
Cascina_valle	696.30	Max WS	TR200_TP04H	19.36	80.35	83.05		83.12	0.001518	1.20	16.20	9.62	0.29
Cascina_valle	696.30	Max WS	TR200_TP06H	18.02	80.35	83.00		83.07	0.001427	1.14	15.76	9.62	0.29
Cascina_valle	696.30	Max WS	TR200_TP08H	16.86	80.35	82.96		83.02	0.001347	1.10	15.37	9.62	0.28
Cascina_valle	696.30	Max WS	TR030_TP0.5H	12.50	80.35	82.78		82.82	0.001071	0.92	13.58	9.62	0.25
Cascina_valle	696.30	Max WS	TR030_TP01H	14.11	80.35	82.85		82.90	0.001180	0.99	14.25	9.62	0.26
Cascina_valle	696.30	Max WS	TR030_TP02H	15.32	80.35	82.89		82.95	0.001267	1.04	14.70	9.62	0.27
Cascina_valle	696.30	Max WS	TR030_TP03H	15.43	80.35	82.90		82.95	0.001275	1.05	14.75	9.62	0.27
Cascina_valle	696.30	Max WS	TR030_TP04H	15.09	80.35	82.88		82.94	0.001249	1.03	14.62	9.62	0.27
Cascina_valle	696.30	Max WS	TR030_TP06H	14.27	80.35	82.85		82.90	0.001197	1.00	14.29	9.62	0.26
Cascina_valle	696.30	Max WS	TR030_TP08H	13.22	80.35	82.81		82.86	0.001104	0.95	13.95	9.62	0.25
Cascina_valle	666.61	Max WS	TR200_TP03H	24.72	80.36	82.85		83.00	0.003998	1.73	14.32	10.61	0.47
Cascina_valle	666.61	Max WS	TR200_TP01H	22.51	80.36	82.79		82.93	0.003855	1.65	13.63	10.61	0.47
Cascina_valle	666.61	Max WS	TR200_TP02H	24.54	80.36	82.85		83.00	0.003985	1.72	14.26	10.61	0.47
Cascina_valle	666.61	Max WS	TR200_TP0.5H	20.50	80.36	82.73		82.86	0.003665	1.57	13.04	10.61	0.45
Cascina_valle	666.61	Max WS	TR200_TP04H	24.17	80.36	82.84		82.99	0.003961	1.71	14.15	10.61	0.47
Cascina_valle	666.61	Max WS	TR200_TP06H	22.77	80.36	82.80		82.94	0.003858	1.66	13.73	10.61	0.47
Cascina_valle	666.61	Max WS	TR200_TP08H	21.62	80.36	82.76		82.89	0.003792	1.62	13.35	10.61	0.46
Cascina_valle	666.61	Max WS	TR030_TP0.5H	11.66	80.36	82.69		82.73	0.001318	0.93	12.59	10.61	0.27
Cascina_valle	666.61	Max WS	TR030_TP01H	11.81	80.36	82.70		82.74	0.001325	0.93	12.67	10.61	0.27
Cascina_valle	666.61	Max WS	TR030_TP02H	19.65	80.36	82.71		82.83	0.003553	1.53	12.81	10.61	0.45
Cascina_valle	666.61	Max WS	TR030_TP03H	19.78	80.36	82.71		82.83	0.003569	1.54	12.85	10.61	0.45
Cascina_valle	666.61	Max WS	TR030_TP04H	19.39	80.36	82.70		82.82	0.003519	1.52	12.74	10.61	0.44
Cascina_valle	666.61	Max WS	TR030_TP06H	18.35	80.36	82.68		82.79	0.003378	1.47	12.45	10.61	0.43
Cascina_valle	666.61	Max WS	TR030_TP08H	11.73	80.36	82.68		82.72	0.001379	0.94	12.45	10.61	0.28
Cascina_valle	636.91	Max WS	TR200_TP03H	22.25	80.18	82.61		82.87	0.007441	2.24	9.92	7.20	0.61
Cascina_valle	636.91	Max WS	TR200_TP01H	20.50	80.18	82.55		82.79	0.007179	2.16	9.49	7.20	0.60
Cascina_valle	636.91	Max WS	TR200_TP02H	22.12	80.18	82.61		82.86	0.007421	2.24	9.89	7.20	0.61
Cascina_valle	636.91	Max WS	TR200_TP0.5H	18.98	80.18	82.49		82.71	0.007126	2.10	9.04	7.20	0.60
Cascina_valle	636.91	Max WS	TR200_TP04H	21.84	80.18	82.60		82.85	0.007378	2.22	9.82	7.20	0.61
Cascina_valle	636.91	Max WS	TR200_TP06H	20.74	80.18	82.56		82.80	0.007217	2.17	9.55	7.20	0.60
Cascina_valle	636.91	Max WS	TR200_TP08H	19.78	80.18	82.53		82.76	0.007033	2.12	9.33	7.20	0.59
Cascina_valle	636.91	Max WS	TR030_TP0.5H	16.28	80.18	82.35		82.56	0.007426	2.03	8.04	7.20	0.61
Cascina_valle	636.91	Max WS	TR030_TP01H	17.47	80.18	82.42		82.64	0.007047	2.04	8.58	7.20	0.60
Cascina_valle	636.91	Max WS	TR030_TP02H	18.43	80.18	82.47		82.68	0.007075	2.08	8.88	7.20	0.60
Cascina_valle	636.91	Max WS	TR030_TP03H	18.53	80.18	82.47		82.69	0.007077	2.08	8.91	7.20	0.60
Cascina_valle	636.91	Max WS	TR030_TP04H	18.26	80.18	82.46		82.68	0.007067	2.07	8.82	7.20	0.60
Cascina_valle	636.91	Max WS	TR030_TP06H	17.52	80.18	82.43		82.64	0.007049	2.04	8.59	7.20	0.60
Cascina_valle	636.91	Max WS	TR030_TP08H	16.83	80.18	82.40		82.60	0.007010	2.01	8.38	7.20	0.59
Cascina_valle	607.22	Max WS	TR200_TP03H	33.52	79.67	82.13		82.42	0.007248	2.40	13.99	9.74	0.64
Cascina_valle	607.22	Max WS	TR200_TP01H	31.52	79.67	82.04		82.34	0.007701	2.39	13.16	9.74	0.66
Cascina_valle	607.22	Max WS	TR200_TP02H	33.36	79.67	82.12		82.41	0.007277	2.40	13.93	9.74	0.64
Cascina_valle	607.22	Max WS	TR200_TP0.5H	29.51	79.67	81.98		82.26	0.007832	2.36	12.53	9.74	0.66
Cascina_valle	607.22	Max WS	TR200_TP04H	33.04	79.67	82.11		82.40	0.007337	2.39	13.80	9.74	0.64
Cascina_valle	607.22	Max WS	TR200_TP06H	31.79	79.67	82.06		82.35	0.007611	2.39	13.29	9.74	0.65
Cascina_valle	607.22	Max WS	TR200_TP08H	30.28	79.67	82.02		82.30	0.007564	2.35	12.89	9.74	0.65
Cascina_valle	607.22	Max WS	TR030_TP0.5H	25.41	79.67	81.77		82.07	0.009779	2.42	10.51	9.57	0.74
Cascina_valle	607.22	Max WS	TR030_TP01H	27.52	79.67	81.88		82.17	0.008591	2.37	11.61	9.74	0.69
Cascina_valle	607.22	Max WS	TR030_TP02H	28.82	79.67	81.95		82.23	0.008010	2.35	12.25	9.74	0.67
Cascina_valle	607.22	Max WS	TR030_TP03H	28.95	79.67	81.95		82.24	0.007977	2.35	12.30	9.74	0.67
Cascina_valle	607.22	Max WS	TR030_TP04H	28.60	79.67	81.94		82.22	0.008082	2.35	12.15	9.74	0.67
Cascina_valle	607.22	Max WS	TR030_TP06H	27.57	79.67	81.89		82.17	0.008551	2.37	11.64	9.74	0.69
Cascina_valle	607.22	Max WS	TR030_TP08H	26.66	79.67	81.84		82.13	0.009087	2.39	11.16	9.74	0.71
Cascina_valle	577.52	Max WS	TR200_TP03H	35.24	79.10	81.89		82.19	0.006362	2.42	14.54	8.48	0.59
Cascina_valle	577.52	Max WS	TR200_TP01H	33.06	79.10	81.80		82.10	0.006485	2.39	13.83	8.48	0.60
Cascina_valle	577.52	Max WS	TR200_TP02H	35.06	79.10	81.88		82.18	0.006365	2.42	14.49	8.48	0.59
Cascina_valle	577.52	Max WS	TR200_TP0.5H	31.33	79.10	81.72		82.01	0.006823	2.40	13.07	8.37	0.61
Cascina_valle	577.52	Max WS	TR200_TP04H	34.73	79.10	81.87		82.17	0.006388	2.42	14.37	8.48	0.59
Cascina_valle	577.52	Max WS	TR200_TP06H	33.39	79.10	81.82		82.11	0.006473	2.40	13.93	8.48	0.60
Cascina_valle	577.52	Max WS	TR200_TP08H	32.13	79.10	81.77		82.06	0.006491	2.37	13.54	8.44	0.60
Cascina_valle	577.52	Max WS	TR030_TP0.5H	26.37	79.10	81.52		81.79	0.007012	2.30	11.45	8.11	0.62
Cascina_valle	577.52	Max WS	TR030_TP01H	29.09	79.10	81.62		81.91	0.007000	2.37	12.29	8.25	0.62
Cascina_valle	577.52	Max WS	TR030_TP02H	30.60	79.10	81.68		81.98	0.006877	2.39	12.82	8.33	0.61
Cascina_valle	577.52	Max WS	TR030_TP03H	30.74	79.10	81.69		81.98	0.006858	2.39	12.87	8.34	0.61
Cascina_valle	577.52	Max WS	TR030_TP04H	30.37	79.10	81.67		81.96	0.006914	2.39	12.72	8.32	0.62
Cascina_valle	577.52	Max WS	TR030_TP06H	29.15	79.10	81.62		81.91	0.006989	2.37	12.31	8.25	0.62
Cascina_valle	577.52	Max WS	TR030_TP08H	28.03	79.10	81.58		81.86	0.007090	2.35	11.91	8.19	0.62
Cascina_valle	547.83	Max WS	TR200_TP03H	40.62	78.87	81.55		81.89	0.007766	2.55	15.90	10.91	0.68
Cascina_valle	547.83	Max WS	TR200_TP01H	37.85	78.87	81.47		81.79	0.008069	2.53	14.98	10.91	0.69
Cascina_valle	547.83	Max WS	TR200_TP02H	40.41	78.87	81.55		81.88	0.007784	2.55	15.83	10.91	0.68
Cascina_valle	547.83	Max WS	TR200_TP0.5H	35.26	78.87	81.39		81.71	0.008308	2.49	14.17	10.91	0.70
Cascina_valle	547.83	Max WS	TR200_TP04H	39.98	78.87	81.53		81.86	0.007840	2.55	15.68	10.91	0.68
Cascina_valle	547.83	Max WS	TR200_TP06H	38.24	78.87	81.48		81.81	0.008021	2.53	15.12	10.91	0.69
Cascina_valle	547.83	Max WS	TR200_TP08H	36.70	78.87	81.44		81.76	0.008125	2.50	14.65	10.91	0.69

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Cascina_valle	518.13	Max WS	TR200_TP03H	32.14	78.81	81.48		81.81	0.007698	2.53	12.69	7.65	0.63
Cascina_valle	518.13	Max WS	TR200_TP01H	29.64	78.81	81.41		81.71	0.007501	2.45	12.11	7.65	0.62
Cascina_valle	518.13	Max WS	TR200_TP02H	31.95	78.81	81.48		81.80	0.007680	2.53	12.64	7.65	0.63
Cascina_valle	518.13	Max WS	TR200_TP0.5H	27.50	78.81	81.33		81.62	0.007446	2.39	11.53	7.65	0.62
Cascina_valle	518.13	Max WS	TR200_TP04H	31.54	78.81	81.46		81.79	0.007644	2.51	12.55	7.65	0.63
Cascina_valle	518.13	Max WS	TR200_TP06H	30.00	78.81	81.42		81.72	0.007524	2.46	12.19	7.65	0.62
Cascina_valle	518.13	Max WS	TR200_TP08H	28.68	78.81	81.38		81.67	0.007408	2.41	11.89	7.65	0.62
Cascina_valle	518.13	Max WS	TR030_TP0.5H	23.52	78.81	81.16		81.43	0.007702	2.29	10.25	7.65	0.63
Cascina_valle	518.13	Max WS	TR030_TP01H	25.64	78.81	81.25		81.53	0.007646	2.35	10.89	7.65	0.63
Cascina_valle	518.13	Max WS	TR030_TP02H	26.83	78.81	81.30		81.59	0.007456	2.37	11.33	7.65	0.62
Cascina_valle	518.13	Max WS	TR030_TP03H	26.96	78.81	81.31		81.60	0.007448	2.37	11.37	7.65	0.62
Cascina_valle	518.13	Max WS	TR030_TP04H	26.63	78.81	81.29		81.58	0.007493	2.37	11.26	7.65	0.62
Cascina_valle	518.13	Max WS	TR030_TP06H	25.68	78.81	81.25		81.53	0.007625	2.35	10.92	7.65	0.63
Cascina_valle	518.13	Max WS	TR030_TP08H	24.88	78.81	81.21		81.49	0.007814	2.35	10.60	7.65	0.64
Cascina_valle	488.44	Max WS	TR200_TP03H	38.20	78.61	81.09		81.45	0.008516	2.63	14.52	10.00	0.70
Cascina_valle	488.44	Max WS	TR200_TP01H	35.37	78.61	81.02		81.36	0.008588	2.57	13.76	10.00	0.70
Cascina_valle	488.44	Max WS	TR200_TP02H	37.99	78.61	81.09		81.44	0.008513	2.62	14.47	10.00	0.70
Cascina_valle	488.44	Max WS	TR200_TP0.5H	32.81	78.61	80.93		81.26	0.008885	2.54	12.92	9.91	0.71
Cascina_valle	488.44	Max WS	TR200_TP04H	37.52	78.61	81.08		81.43	0.008526	2.62	14.35	10.00	0.70
Cascina_valle	488.44	Max WS	TR200_TP06H	35.78	78.61	81.03		81.37	0.008564	2.58	13.88	10.00	0.70
Cascina_valle	488.44	Max WS	TR200_TP08H	34.30	78.61	80.99		81.32	0.008669	2.55	13.44	10.00	0.70
Cascina_valle	488.44	Max WS	TR030_TP0.5H	27.80	78.61	80.79		81.09	0.008819	2.42	11.51	9.57	0.70
Cascina_valle	488.44	Max WS	TR030_TP01H	30.39	78.61	80.86		81.18	0.008923	2.49	12.20	9.71	0.71
Cascina_valle	488.44	Max WS	TR030_TP02H	32.01	78.61	80.91		81.24	0.008858	2.52	12.71	9.85	0.71
Cascina_valle	488.44	Max WS	TR030_TP03H	32.18	78.61	80.92		81.24	0.008862	2.52	12.75	9.86	0.71
Cascina_valle	488.44	Max WS	TR030_TP04H	31.74	78.61	80.90		81.23	0.008884	2.52	12.61	9.82	0.71
Cascina_valle	488.44	Max WS	TR030_TP06H	30.47	78.61	80.86		81.18	0.008916	2.49	12.23	9.71	0.71
Cascina_valle	488.44	Max WS	TR030_TP08H	29.34	78.61	80.83		81.14	0.008921	2.46	11.90	9.65	0.71
Cascina_valle	458.74	Max WS	TR200_TP03H	37.89	78.24	81.02		81.22	0.003957	1.98	19.12	10.74	0.47
Cascina_valle	458.74	Max WS	TR200_TP01H	34.61	78.24	80.95		81.13	0.003680	1.88	18.43	10.74	0.46
Cascina_valle	458.74	Max WS	TR200_TP02H	37.67	78.24	81.01		81.21	0.003942	1.98	19.07	10.74	0.47
Cascina_valle	458.74	Max WS	TR200_TP0.5H	31.02	78.24	80.90		81.05	0.003274	1.74	17.82	10.74	0.43
Cascina_valle	458.74	Max WS	TR200_TP04H	37.15	78.24	81.00		81.20	0.003902	1.96	18.96	10.74	0.47
Cascina_valle	458.74	Max WS	TR200_TP06H	35.11	78.24	80.96		81.15	0.003726	1.89	18.54	10.74	0.46
Cascina_valle	458.74	Max WS	TR200_TP08H	33.23	78.24	80.93		81.10	0.003535	1.83	18.19	10.74	0.45
Cascina_valle	458.74	Max WS	TR030_TP0.5H	24.53	78.24	80.79		80.90	0.002500	1.47	16.67	10.74	0.38
Cascina_valle	458.74	Max WS	TR030_TP01H	27.67	78.24	80.85		80.98	0.002853	1.60	17.29	10.74	0.40
Cascina_valle	458.74	Max WS	TR030_TP02H	29.97	78.24	80.88		81.03	0.003139	1.70	17.66	10.74	0.42
Cascina_valle	458.74	Max WS	TR030_TP03H	30.18	78.24	80.88		81.03	0.003167	1.71	17.69	10.74	0.42
Cascina_valle	458.74	Max WS	TR030_TP04H	29.57	78.24	80.88		81.02	0.003090	1.68	17.59	10.74	0.42
Cascina_valle	458.74	Max WS	TR030_TP06H	27.80	78.24	80.85		80.98	0.002868	1.61	17.31	10.74	0.40
Cascina_valle	458.74	Max WS	TR030_TP08H	26.34	78.24	80.82		80.95	0.002698	1.55	17.04	10.74	0.39
Cascina_valle	429.04	Max WS	TR200_TP03H	34.20	78.09	80.60		81.04	0.011327	2.92	11.70	7.91	0.77
Cascina_valle	429.04	Max WS	TR200_TP01H	31.78	78.09	80.51		80.94	0.011714	2.89	11.00	7.91	0.78
Cascina_valle	429.04	Max WS	TR200_TP02H	34.03	78.09	80.60		81.03	0.011325	2.92	11.66	7.91	0.77
Cascina_valle	429.04	Max WS	TR200_TP0.5H	29.36	78.09	80.42		80.84	0.012344	2.86	10.25	7.91	0.80
Cascina_valle	429.04	Max WS	TR200_TP04H	33.63	78.09	80.58		81.02	0.011373	2.91	11.55	7.91	0.77
Cascina_valle	429.04	Max WS	TR200_TP06H	32.15	78.09	80.53		80.96	0.011637	2.89	11.12	7.91	0.78
Cascina_valle	429.04	Max WS	TR200_TP08H	30.84	78.09	80.48		80.90	0.011879	2.87	10.73	7.91	0.79
Cascina_valle	429.04	Max WS	TR030_TP0.5H	25.03	78.09	80.19		80.64	0.016210	2.97	8.42	7.91	0.92
Cascina_valle	429.04	Max WS	TR030_TP01H	27.16	78.09	80.31		80.74	0.013682	2.89	9.40	7.91	0.85
Cascina_valle	429.04	Max WS	TR030_TP02H	28.69	78.09	80.39		80.81	0.012592	2.86	10.03	7.91	0.81
Cascina_valle	429.04	Max WS	TR030_TP03H	28.83	78.09	80.40		80.81	0.012528	2.86	10.08	7.91	0.81
Cascina_valle	429.04	Max WS	TR030_TP04H	28.43	78.09	80.38		80.80	0.012755	2.87	9.92	7.91	0.82
Cascina_valle	429.04	Max WS	TR030_TP06H	27.25	78.09	80.32		80.74	0.013611	2.89	9.44	7.91	0.84
Cascina_valle	429.04	Max WS	TR030_TP08H	26.22	78.09	80.26		80.69	0.014649	2.92	8.98	7.91	0.88
Cascina_valle	400	Max WS	TR200_TP03H	41.56	77.79	80.51		80.72	0.003834	2.03	20.51	11.84	0.49
Cascina_valle	400	Max WS	TR200_TP01H	38.35	77.79	80.43		80.62	0.003718	1.96	19.58	11.69	0.48
Cascina_valle	400	Max WS	TR200_TP02H	41.31	77.79	80.50		80.71	0.003807	2.02	20.47	11.83	0.49
Cascina_valle	400	Max WS	TR200_TP0.5H	35.19	77.79	80.34		80.52	0.003650	1.90	18.54	11.51	0.48
Cascina_valle	400	Max WS	TR200_TP04H	40.74	77.79	80.49		80.70	0.003769	2.00	20.34	11.81	0.48
Cascina_valle	400	Max WS	TR200_TP06H	38.82	77.79	80.44		80.64	0.003722	1.97	19.74	11.71	0.48
Cascina_valle	400	Max WS	TR200_TP08H	37.13	77.79	80.39		80.59	0.003680	1.93	19.20	11.62	0.48
Cascina_valle	400	Max WS	TR030_TP0.5H	27.90	77.79	80.14		80.29	0.003275	1.71	16.31	11.09	0.45
Cascina_valle	400	Max WS	TR030_TP01H	31.66	77.79	80.25		80.42	0.003393	1.80	17.56	11.21	0.46
Cascina_valle	400	Max WS	TR030_TP02H	34.17	77.79	80.31		80.49	0.003554	1.87	18.27	11.38	0.47
Cascina_valle	400	Max WS	TR030_TP03H	34.40	77.79	80.32		80.50	0.003579	1.88	18.33	11.42	0.47
Cascina_valle	400	Max WS	TR030_TP04H	33.77	77.79	80.30		80.48	0.003513	1.86	18.15	11.29	0.47
Cascina_valle	400	Max WS	TR030_TP06H	31.81	77.79	80.26		80.42	0.003399	1.81	17.60	11.21	0.46
Cascina_valle	400	Max WS	TR030_TP08H	30.06	77.79	80.21		80.37	0.003325	1.76	17.07	11.16	0.45
Cascina_valle	399.99			Lat Struct									
Cascina_valle	399.98			Lat Struct									
Cascina_valle	399.35	Max WS	TR200_TP03H	37.68	77.79	80.51		80.70	0.003483	1.97	19.15	10.19	0.46
Cascina_valle	399.35	Max WS	TR200_TP01H	35.55	77.79	80.41		80.61	0.003625	1.96	18.15	10.19	0.47
Cascina_valle	399.35	Max WS	TR200_TP02H	37.40	77.79	80.50		80.70	0.003444	1.96	19.12	10.19	0.46
Cascina_valle	399.35	Max WS	TR200_TP0.5H	33.17	77.79	80.30		80.49	0.003798	1.95	17.05	10.19	0.48
Cascina_valle	399.35	Max WS	TR200_TP04H	36.97	77.79	80.49		80.69	0.003430	1.95	19.00	10.19	0.45
Cascina_valle	399.35	Max WS	TR200_TP06H	35.84	77.79	80.43		80.62	0.003582	1.96	18.33	10.19	0.47
Cascina_valle	399.35	Max WS	TR200_TP08H	34.67	77.79	80.37		80.56	0.003691	1.95	17.74	10.19	0.47
Cascina_valle	399.35	Max WS	TR030_TP0.5H	27.33	77.79	80.07		80.25	0.003882	1.85	14.74	9.82	0.48
Cascina_valle	399.35	Max WS	TR030_TP01H	30.35	77.79	80.20		80.38	0.003782	1.89	16.04	10.06	0.48
Cascina_valle	399.35	Max WS	TR030_TP02H	32.37	77.79	80.27		80.46	0.003794	1.93	16.78	10.19	0.48
Cascina_valle	399.35	Max WS	TR030_TP03H	32.55	77.79	80.28		80.47	0.003797	1.93	16.84	10.19	0.48
Cascina_valle	399.35	Max WS	TR030_TP04H	32.03	77.79	80.26		80.45	0.003793	1.92	16.65	10.17	0.48
Cascina_valle	399.35	Max WS	TR030_TP06H	30.46	77.79	80.21		80.39	0.003780	1.89	16.08	10.07	0.48
Cascina_valle	399.35	Max WS	TR030_TP08H	29.05	77.79	80.15		80.33	0.003791	1.87	15.53	9.97	0.48
Cascina_valle	369.65	Max WS	TR200_TP03H	38.84	77.67	79.85		80.40	0.015535	3.31	11.74	8.63	0.91
Cascina_valle	369.65	Max WS	TR200_TP01H	36.00	77.67	79.78		80.31	0.015340	3.22	11.18	8.53	0.90
Cascina_valle	369.65	Max WS	TR200										

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Cascina_valle	369.65	Max WS	TR030_TP0.5H	26.86	77.67	79.65		80.01	0.011581	2.66	10.08	8.39	0.78
Cascina_valle	369.65	Max WS	TR030_TP01H	30.21	77.67	79.69		80.12	0.013348	2.90	10.40	8.44	0.83
Cascina_valle	369.65	Max WS	TR030_TP02H	32.27	77.67	79.72		80.19	0.014185	3.03	10.66	8.47	0.86
Cascina_valle	369.65	Max WS	TR030_TP03H	32.47	77.67	79.72		80.19	0.014285	3.04	10.68	8.47	0.86
Cascina_valle	369.65	Max WS	TR030_TP04H	31.94	77.67	79.71		80.18	0.014095	3.01	10.61	8.46	0.86
Cascina_valle	369.65	Max WS	TR030_TP06H	30.33	77.67	79.69		80.12	0.013408	2.91	10.42	8.44	0.84
Cascina_valle	369.65	Max WS	TR030_TP08H	28.85	77.67	79.67		80.07	0.012688	2.81	10.26	8.42	0.81
Cascina_valle	339.96	Max WS	TR200_TP03H	34.06	77.35	79.75		80.09	0.007847	2.56	13.31	8.77	0.66
Cascina_valle	339.96	Max WS	TR200_TP01H	31.44	77.35	79.69		80.00	0.007479	2.46	12.80	8.73	0.65
Cascina_valle	339.96	Max WS	TR200_TP02H	33.83	77.35	79.75		80.08	0.007790	2.55	13.28	8.77	0.66
Cascina_valle	339.96	Max WS	TR200_TP0.5H	29.06	77.35	79.64		79.92	0.007111	2.36	12.30	8.59	0.63
Cascina_valle	339.96	Max WS	TR200_TP04H	33.33	77.35	79.74		80.07	0.007705	2.53	13.20	8.77	0.66
Cascina_valle	339.96	Max WS	TR200_TP06H	31.81	77.35	79.70		80.01	0.007536	2.47	12.88	8.75	0.65
Cascina_valle	339.96	Max WS	TR200_TP08H	30.53	77.35	79.67		79.97	0.007329	2.42	12.62	8.68	0.64
Cascina_valle	339.96	Max WS	TR030_TP0.5H	24.57	77.35	79.52		79.76	0.006497	2.18	11.29	8.45	0.60
Cascina_valle	339.96	Max WS	TR030_TP01H	26.94	77.35	79.58		79.84	0.006867	2.28	11.81	8.52	0.62
Cascina_valle	339.96	Max WS	TR030_TP02H	28.50	77.35	79.62		79.90	0.007043	2.34	12.17	8.56	0.63
Cascina_valle	339.96	Max WS	TR030_TP03H	28.64	77.35	79.63		79.91	0.007063	2.35	12.20	8.57	0.63
Cascina_valle	339.96	Max WS	TR030_TP04H	28.25	77.35	79.61		79.89	0.007041	2.34	12.10	8.55	0.63
Cascina_valle	339.96	Max WS	TR030_TP06H	27.04	77.35	79.58		79.85	0.006882	2.29	11.83	8.52	0.62
Cascina_valle	339.96	Max WS	TR030_TP08H	25.95	77.35	79.55		79.81	0.006717	2.24	11.59	8.49	0.61
Cascina_valle	310.26	Max WS	TR200_TP03H	30.73	77.04	79.67		79.92	0.005963	2.20	13.94	9.20	0.57
Cascina_valle	310.26	Max WS	TR200_TP01H	28.80	77.04	79.59		79.83	0.005871	2.17	13.24	8.82	0.57
Cascina_valle	310.26	Max WS	TR200_TP02H	30.55	77.04	79.66		79.91	0.005947	2.20	13.90	9.20	0.57
Cascina_valle	310.26	Max WS	TR200_TP0.5H	27.22	77.04	79.51		79.75	0.005919	2.17	12.54	8.40	0.57
Cascina_valle	310.26	Max WS	TR200_TP04H	30.22	77.04	79.65		79.89	0.005876	2.20	13.76	9.02	0.57
Cascina_valle	310.26	Max WS	TR200_TP06H	29.11	77.04	79.60		79.84	0.005898	2.18	13.33	8.85	0.57
Cascina_valle	310.26	Max WS	TR200_TP08H	28.20	77.04	79.56		79.80	0.005971	2.18	12.96	8.76	0.57
Cascina_valle	310.26	Max WS	TR030_TP0.5H	24.23	77.04	79.35		79.59	0.005519	2.14	11.34	7.20	0.54
Cascina_valle	310.26	Max WS	TR030_TP01H	25.74	77.04	79.44		79.67	0.005550	2.15	11.96	7.60	0.55
Cascina_valle	310.26	Max WS	TR030_TP02H	26.75	77.04	79.49		79.73	0.005781	2.16	12.41	8.23	0.56
Cascina_valle	310.26	Max WS	TR030_TP03H	26.86	77.04	79.50		79.74	0.005812	2.16	12.44	8.27	0.56
Cascina_valle	310.26	Max WS	TR030_TP04H	26.60	77.04	79.48		79.72	0.005760	2.16	12.32	8.11	0.56
Cascina_valle	310.26	Max WS	TR030_TP06H	25.81	77.04	79.44		79.68	0.005569	2.15	11.99	7.64	0.55
Cascina_valle	310.26	Max WS	TR030_TP08H	25.09	77.04	79.40		79.64	0.005509	2.14	11.71	7.42	0.54
Cascina_valle	280.57	Max WS	TR200_TP03H	31.38	76.92	79.15		79.60	0.013551	2.97	10.56	8.29	0.84
Cascina_valle	280.57	Max WS	TR200_TP01H	29.41	76.92	79.09		79.52	0.013089	2.92	10.08	7.88	0.82
Cascina_valle	280.57	Max WS	TR200_TP02H	31.23	76.92	79.14		79.59	0.013491	2.97	10.53	8.26	0.84
Cascina_valle	280.57	Max WS	TR200_TP0.5H	27.64	76.92	79.03		79.45	0.012835	2.87	9.62	7.53	0.81
Cascina_valle	280.57	Max WS	TR200_TP04H	30.86	76.92	79.13		79.58	0.013393	2.95	10.45	8.19	0.84
Cascina_valle	280.57	Max WS	TR200_TP06H	29.69	76.92	79.10		79.53	0.013140	2.92	10.16	7.94	0.83
Cascina_valle	280.57	Max WS	TR200_TP08H	28.71	76.92	79.06		79.49	0.013024	2.90	9.89	7.74	0.82
Cascina_valle	280.57	Max WS	TR030_TP0.5H	24.47	76.92	78.91		79.31	0.012121	2.78	8.81	6.88	0.78
Cascina_valle	280.57	Max WS	TR030_TP01H	26.10	76.92	78.98		79.38	0.012479	2.83	9.24	7.23	0.80
Cascina_valle	280.57	Max WS	TR030_TP02H	27.24	76.92	79.01		79.43	0.012725	2.86	9.52	7.46	0.81
Cascina_valle	280.57	Max WS	TR030_TP03H	27.34	76.92	79.02		79.44	0.012761	2.86	9.55	7.47	0.81
Cascina_valle	280.57	Max WS	TR030_TP04H	27.04	76.92	79.01		79.42	0.012688	2.85	9.47	7.42	0.81
Cascina_valle	280.57	Max WS	TR030_TP06H	26.18	76.92	78.98		79.39	0.012507	2.83	9.25	7.24	0.80
Cascina_valle	280.57	Max WS	TR030_TP08H	25.39	76.92	78.95		79.35	0.012301	2.80	9.06	7.09	0.79
Cascina_valle	250.87	Max WS	TR200_TP03H	28.53	76.64	79.08		79.30	0.005349	2.12	13.48	8.67	0.54
Cascina_valle	250.87	Max WS	TR200_TP01H	26.79	76.64	79.02		79.24	0.005144	2.06	13.01	8.45	0.53
Cascina_valle	250.87	Max WS	TR200_TP02H	28.42	76.64	79.07		79.30	0.005338	2.11	13.45	8.66	0.54
Cascina_valle	250.87	Max WS	TR200_TP0.5H	25.30	76.64	78.96		79.17	0.005077	2.03	12.48	8.19	0.52
Cascina_valle	250.87	Max WS	TR200_TP04H	28.10	76.64	79.06		79.29	0.005296	2.10	13.37	8.62	0.54
Cascina_valle	250.87	Max WS	TR200_TP06H	27.04	76.64	79.03		79.25	0.005165	2.07	13.09	8.49	0.53
Cascina_valle	250.87	Max WS	TR200_TP08H	26.15	76.64	79.00		79.21	0.005088	2.04	12.81	8.35	0.53
Cascina_valle	250.87	Max WS	TR030_TP0.5H	22.38	76.64	78.86		79.04	0.004662	1.92	11.67	7.79	0.50
Cascina_valle	250.87	Max WS	TR030_TP01H	23.95	76.64	78.91		79.11	0.004931	1.99	12.06	7.99	0.52
Cascina_valle	250.87	Max WS	TR030_TP02H	24.96	76.64	78.94		79.15	0.005032	2.02	12.38	8.14	0.52
Cascina_valle	250.87	Max WS	TR030_TP03H	25.04	76.64	78.95		79.16	0.005045	2.02	12.40	8.16	0.52
Cascina_valle	250.87	Max WS	TR030_TP04H	24.81	76.64	78.94		79.14	0.005040	2.02	12.31	8.11	0.52
Cascina_valle	250.87	Max WS	TR030_TP06H	24.02	76.64	78.91		79.11	0.004946	1.99	12.08	7.99	0.52
Cascina_valle	250.87	Max WS	TR030_TP08H	23.30	76.64	78.88		79.08	0.004840	1.96	11.88	7.89	0.51
Cascina_valle	221.17	Max WS	TR200_TP03H	26.59	76.21	78.96		79.17	0.005533	1.99	13.34	9.90	0.55
Cascina_valle	221.17	Max WS	TR200_TP01H	25.05	76.21	78.90		79.10	0.005582	1.96	12.75	9.77	0.55
Cascina_valle	221.17	Max WS	TR200_TP02H	26.49	76.21	78.96		79.16	0.005524	1.99	13.31	9.89	0.55
Cascina_valle	221.17	Max WS	TR200_TP0.5H	23.57	76.21	78.84		79.03	0.005716	1.95	12.11	9.62	0.55
Cascina_valle	221.17	Max WS	TR200_TP04H	26.22	76.21	78.95		79.15	0.005548	1.99	13.20	9.87	0.55
Cascina_valle	221.17	Max WS	TR200_TP06H	25.31	76.21	78.91		79.11	0.005596	1.97	12.83	9.79	0.55
Cascina_valle	221.17	Max WS	TR200_TP08H	24.46	76.21	78.88		79.07	0.005628	1.96	12.50	9.71	0.55
Cascina_valle	221.17	Max WS	TR030_TP0.5H	21.22	76.21	78.71		78.90	0.006297	1.95	10.88	9.34	0.58
Cascina_valle	221.17	Max WS	TR030_TP01H	22.37	76.21	78.78		78.97	0.005875	1.93	11.56	9.50	0.56
Cascina_valle	221.17	Max WS	TR030_TP02H	23.23	76.21	78.82		79.02	0.005704	1.94	12.00	9.60	0.55
Cascina_valle	221.17	Max WS	TR030_TP03H	23.31	76.21	78.83		79.02	0.005707	1.94	12.03	9.61	0.55
Cascina_valle	221.17	Max WS	TR030_TP04H	23.08	76.21	78.82		79.01	0.005745	1.94	11.91	9.58	0.55
Cascina_valle	221.17	Max WS	TR030_TP06H	22.42	76.21	78.78		78.97	0.005871	1.94	11.59	9.50	0.56
Cascina_valle	221.17	Max WS	TR030_TP08H	21.88	76.21	78.75		78.94	0.006047	1.94	11.27	9.43	0.57
Cascina_valle	220.15	Max WS	TR200_TP03H	25.59	76.22	78.93		79.11	0.004384	1.87	13.67	9.02	0.49
Cascina_valle	220.15	Max WS	TR200_TP01H	24.37	76.22	78.86		79.04	0.004210	1.86	13.09	8.38	0.48
Cascina_valle	220.15	Max WS	TR200_TP02H	25.53	76.22	78.93		79.11	0.004376	1.87	13.64	8.98	0.49
Cascina_valle	220.15	Max WS	TR200_TP0.5H	23.15	76.22	78.79		78.97	0.004334	1.85	12.49	8.28	0.48
Cascina_valle	220.15	Max WS	TR200_TP04H	25.31	76.22	78.91		79.09	0.004347	1.87	13.53	8.85	0.48
Cascina_valle	220.15	Max WS	TR200_TP06H	24.57	76.22	78.87		79.05	0.004218	1.86	13.18	8.42	0.48
Cascina_valle	220.15	Max WS	TR200_TP08H	23.88	76.22	78.84		79.01	0.004251	1.86	12.86	8.34	0.48
Cascina_valle	220.15	Max WS	TR030_TP0.5H	21.11	76.22	78.65		78.83	0.004751	1.86	11.33	8.08	0.50
Cascina_valle	220.15	Max WS	TR030_TP01H	22.17	76.22	78.73		78.90	0.004492	1.85	11.96	8.19	0.49
Cascina_valle	220.15	Max WS	TR030_TP02H	22.89	76.22	78.78		78.95	0.004351	1.85	12.38	8.26	0.48
Cascina_valle	220.15	Max WS	TR030_TP03H	22.95	76.22								

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Cascina_valle	220	Max WS	TR200_TP05H	22.80	75.85	78.80	77.69	78.94	0.003376	1.64	13.88	8.06	0.40
Cascina_valle	220	Max WS	TR200_TP04H	24.85	75.85	78.92	77.78	79.07	0.003273	1.67	14.88	8.06	0.39
Cascina_valle	220	Max WS	TR200_TP06H	24.09	75.85	78.88	77.74	79.02	0.003282	1.66	14.56	8.06	0.39
Cascina_valle	220	Max WS	TR200_TP08H	23.47	75.85	78.85	77.72	78.98	0.003313	1.65	14.25	8.06	0.40
Cascina_valle	220	Max WS	TR030_TP05H	20.83	75.85	78.66	77.59	78.80	0.003464	1.63	12.75	7.65	0.40
Cascina_valle	220	Max WS	TR030_TP01H	21.89	75.85	78.74	77.65	78.87	0.003485	1.64	13.36	8.06	0.41
Cascina_valle	220	Max WS	TR030_TP02H	22.55	75.85	78.79	77.68	78.92	0.003382	1.64	13.77	8.06	0.40
Cascina_valle	220	Max WS	TR030_TP03H	22.62	75.85	78.79	77.68	78.93	0.003383	1.64	13.80	8.06	0.40
Cascina_valle	220	Max WS	TR030_TP04H	22.44	75.85	78.78	77.67	78.91	0.003409	1.64	13.69	8.06	0.40
Cascina_valle	220	Max WS	TR030_TP06H	21.94	75.85	78.74	77.66	78.88	0.003485	1.64	13.38	8.06	0.41
Cascina_valle	220	Max WS	TR030_TP08H	21.45	75.85	78.70	77.63	78.84	0.003527	1.64	13.10	8.01	0.41
Cascina_valle	210			Bridge									
Cascina_valle	200	Max WS	TR200_TP03H	25.14	75.85	78.80		78.94	0.003657	1.68	14.97	9.35	0.42
Cascina_valle	200	Max WS	TR200_TP01H	23.93	75.85	78.71		78.86	0.003932	1.69	14.14	9.35	0.44
Cascina_valle	200	Max WS	TR200_TP02H	25.06	75.85	78.79		78.94	0.003676	1.68	14.91	9.35	0.42
Cascina_valle	200	Max WS	TR200_TP05H	22.79	75.85	78.61		78.76	0.004017	1.72	13.24	8.54	0.44
Cascina_valle	200	Max WS	TR200_TP04H	24.86	75.85	78.78		78.92	0.003726	1.68	14.77	9.35	0.43
Cascina_valle	200	Max WS	TR200_TP06H	24.09	75.85	78.72		78.87	0.003886	1.69	14.26	9.35	0.44
Cascina_valle	200	Max WS	TR200_TP08H	23.47	75.85	78.67		78.82	0.003961	1.70	13.80	9.05	0.44
Cascina_valle	200	Max WS	TR030_TP05H	20.82	75.85	78.39		78.56	0.004967	1.82	11.45	8.06	0.49
Cascina_valle	200	Max WS	TR030_TP01H	21.88	75.85	78.51		78.67	0.004344	1.76	12.42	8.21	0.46
Cascina_valle	200	Max WS	TR030_TP02H	22.55	75.85	78.59		78.74	0.004019	1.73	13.07	8.37	0.44
Cascina_valle	200	Max WS	TR030_TP03H	22.63	75.85	78.59		78.75	0.004028	1.73	13.10	8.41	0.44
Cascina_valle	200	Max WS	TR030_TP04H	22.45	75.85	78.57		78.73	0.004080	1.74	12.92	8.28	0.44
Cascina_valle	200	Max WS	TR030_TP06H	21.94	75.85	78.52		78.67	0.004333	1.76	12.45	8.21	0.46
Cascina_valle	200	Max WS	TR030_TP08H	21.45	75.85	78.46		78.62	0.004593	1.79	12.01	8.15	0.47
Cascina_valle	199.99		Lat Struct										
Cascina_valle	199.98		Lat Struct										
Cascina_valle	191.48	Max WS	TR200_TP03H	27.53	76.23	78.72		78.88	0.003515	1.81	15.17	9.06	0.45
Cascina_valle	191.48	Max WS	TR200_TP01H	25.97	76.23	78.64		78.80	0.003594	1.79	14.47	9.03	0.45
Cascina_valle	191.48	Max WS	TR200_TP02H	27.45	76.23	78.71		78.88	0.003521	1.81	15.13	9.06	0.45
Cascina_valle	191.48	Max WS	TR200_TP05H	24.38	76.23	78.55		78.71	0.003739	1.79	13.65	8.94	0.46
Cascina_valle	191.48	Max WS	TR200_TP04H	27.14	76.23	78.70		78.86	0.003525	1.81	15.01	9.05	0.45
Cascina_valle	191.48	Max WS	TR200_TP06H	26.15	76.23	78.65		78.81	0.003565	1.79	14.58	9.03	0.45
Cascina_valle	191.48	Max WS	TR200_TP08H	25.38	76.23	78.60		78.77	0.003656	1.79	14.16	9.01	0.46
Cascina_valle	191.48	Max WS	TR030_TP05H	21.35	76.23	78.36		78.52	0.004060	1.78	11.99	8.43	0.48
Cascina_valle	191.48	Max WS	TR030_TP01H	23.00	76.23	78.46		78.62	0.003876	1.78	12.89	8.70	0.47
Cascina_valle	191.48	Max WS	TR030_TP02H	23.98	76.23	78.53		78.69	0.003711	1.77	13.51	8.88	0.46
Cascina_valle	191.48	Max WS	TR030_TP03H	24.08	76.23	78.54		78.70	0.003718	1.78	13.55	8.89	0.46
Cascina_valle	191.48	Max WS	TR030_TP04H	23.79	76.23	78.52		78.68	0.003748	1.78	13.38	8.85	0.46
Cascina_valle	191.48	Max WS	TR030_TP06H	23.06	76.23	78.46		78.63	0.003873	1.78	12.92	8.71	0.47
Cascina_valle	191.48	Max WS	TR030_TP08H	22.31	76.23	78.42		78.58	0.003947	1.78	12.52	8.59	0.47
Cascina_valle	161.78	Max WS	TR200_TP03H	30.73	75.86	78.51		78.72	0.004438	2.04	15.07	9.35	0.51
Cascina_valle	161.78	Max WS	TR200_TP01H	29.34	75.86	78.40		78.62	0.004851	2.08	14.10	9.12	0.53
Cascina_valle	161.78	Max WS	TR200_TP02H	30.66	75.86	78.50		78.71	0.004466	2.04	15.01	9.34	0.51
Cascina_valle	161.78	Max WS	TR200_TP05H	27.78	75.86	78.29		78.52	0.005274	2.12	13.12	8.80	0.55
Cascina_valle	161.78	Max WS	TR200_TP04H	30.41	75.86	78.48		78.69	0.004533	2.05	14.84	9.31	0.52
Cascina_valle	161.78	Max WS	TR200_TP06H	29.54	75.86	78.42		78.64	0.004785	2.07	14.25	9.16	0.53
Cascina_valle	161.78	Max WS	TR200_TP08H	28.81	75.86	78.36		78.58	0.005052	2.10	13.70	8.99	0.54
Cascina_valle	161.78	Max WS	TR030_TP05H	23.92	75.86	78.11		78.33	0.005442	2.06	11.58	8.28	0.56
Cascina_valle	161.78	Max WS	TR030_TP01H	26.03	75.86	78.20		78.43	0.005412	2.10	12.37	8.55	0.56
Cascina_valle	161.78	Max WS	TR030_TP02H	27.31	75.86	78.27		78.50	0.005253	2.11	12.97	8.75	0.55
Cascina_valle	161.78	Max WS	TR030_TP03H	27.44	75.86	78.28		78.50	0.005267	2.11	13.00	8.76	0.55
Cascina_valle	161.78	Max WS	TR030_TP04H	27.07	75.86	78.26		78.49	0.005285	2.11	12.85	8.71	0.55
Cascina_valle	161.78	Max WS	TR030_TP06H	26.13	75.86	78.21		78.43	0.005421	2.11	12.40	8.56	0.56
Cascina_valle	161.78	Max WS	TR030_TP08H	25.18	75.86	78.16		78.39	0.005451	2.09	12.03	8.44	0.56
Cascina_valle	132.09	Max WS	TR200_TP03H	32.26	75.52	78.30		78.54	0.005561	2.19	14.76	9.21	0.55
Cascina_valle	132.09	Max WS	TR200_TP01H	30.23	75.52	78.21		78.45	0.005747	2.16	13.97	9.21	0.56
Cascina_valle	132.09	Max WS	TR200_TP02H	32.11	75.52	78.29		78.53	0.005566	2.18	14.71	9.21	0.55
Cascina_valle	132.09	Max WS	TR200_TP05H	28.07	75.52	78.12		78.35	0.005613	2.14	13.14	8.66	0.55
Cascina_valle	132.09	Max WS	TR200_TP04H	31.75	75.52	78.28		78.52	0.005591	2.18	14.57	9.21	0.55
Cascina_valle	132.09	Max WS	TR200_TP06H	30.47	75.52	78.23		78.46	0.005684	2.16	14.10	9.21	0.56
Cascina_valle	132.09	Max WS	TR200_TP08H	29.38	75.52	78.18		78.41	0.005778	2.15	13.66	9.16	0.56
Cascina_valle	132.09	Max WS	TR030_TP05H	24.09	75.52	77.95		78.16	0.005429	2.05	11.73	8.03	0.54
Cascina_valle	132.09	Max WS	TR030_TP01H	26.23	75.52	78.04		78.26	0.005491	2.10	12.46	8.27	0.55
Cascina_valle	132.09	Max WS	TR030_TP02H	27.54	75.52	78.11		78.33	0.005475	2.11	13.03	8.55	0.55
Cascina_valle	132.09	Max WS	TR030_TP03H	27.68	75.52	78.11		78.34	0.005514	2.12	13.05	8.57	0.55
Cascina_valle	132.09	Max WS	TR030_TP04H	27.27	75.52	78.09		78.32	0.005440	2.11	12.91	8.43	0.55
Cascina_valle	132.09	Max WS	TR030_TP06H	26.32	75.52	78.04		78.27	0.005510	2.11	12.49	8.29	0.55
Cascina_valle	132.09	Max WS	TR030_TP08H	25.28	75.52	78.00		78.22	0.005375	2.07	12.19	8.13	0.54
Cascina_valle	102.39	Max WS	TR200_TP03H	35.75	75.65	78.01		78.30	0.006553	2.38	15.04	9.44	0.60
Cascina_valle	102.39	Max WS	TR200_TP01H	33.37	75.65	77.92		78.20	0.006706	2.34	14.25	9.44	0.61
Cascina_valle	102.39	Max WS	TR200_TP02H	35.62	75.65	78.00		78.29	0.006567	2.38	14.99	9.44	0.60
Cascina_valle	102.39	Max WS	TR200_TP05H	31.07	75.65	77.83		78.11	0.007041	2.32	13.37	9.44	0.62
Cascina_valle	102.39	Max WS	TR200_TP04H	35.15	75.65	77.99		78.27	0.006576	2.37	14.85	9.44	0.60
Cascina_valle	102.39	Max WS	TR200_TP06H	33.71	75.65	77.94		78.22	0.006677	2.35	14.37	9.44	0.61
Cascina_valle	102.39	Max WS	TR200_TP08H	32.52	75.65	77.89		78.17	0.006883	2.34	13.88	9.44	0.62
Cascina_valle	102.39	Max WS	TR030_TP05H	26.64	75.65	77.62		77.90	0.008370	2.34	11.40	9.44	0.68
Cascina_valle	102.39	Max WS	TR030_TP01H	28.98	75.65	77.74		78.02	0.007422	2.31	12.54	9.44	0.64
Cascina_valle	102.39	Max WS	TR030_TP02H	30.46	75.65	77.82		78.09	0.006944	2.30	13.25	9.44	0.62
Cascina_valle	102.39	Max WS	TR030_TP03H	30.61	75.65	77.82		78.09	0.006962	2.30	13.29	9.44	0.62
Cascina_valle	102.39	Max WS	TR030_TP04H	30.17	75.65	77.81		78.08	0.007008	2.30	13.13	9.44	0.62
Cascina_valle	102.39	Max WS	TR030_TP06H	29.08	75.65	77.75		78.02	0.007394	2.31	12.59	9.44	0.64
Cascina_valle	102.39	Max WS	TR030_TP08H	28.05	75.65	77.69		77.97	0.007827	2.33	12.06	9.44	0.66
Cascina_valle	87.55	Max WS	TR200_TP03H	39.29	75.32	77.86		78.14	0.005927	2.35	16.74	10.00	0.58
Cascina_valle	87.55	Max WS	TR200_TP01H	36.51	75.32	77.79		78.06	0.005805	2.28	16.04	10.00	0.57
Cascina_valle	87.55	Max WS	TR200_TP02H	39.15	75.32	77.86		78.14	0.005921	2.34	16.70	10.00	0.58
Cascina_valle	87.55	Max WS	TR200_TP05H	33.83	75.32	77.71		77.96	0.005870	2.23	15.19	10.00	0.58
Cascina_valle	87.55	Max WS	TR200_TP04H	38.67	75.32	77.85		78.12	0.005919	2.33	16.57	10.0	

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Cascina_valle	87.55	Max WS	TR030_TP01H	31.38	75.32	77.63		77.87	0.005314	2.18	14.42	9.04	0.55
Cascina_valle	87.55	Max WS	TR030_TP02H	33.15	75.32	77.70		77.94	0.005686	2.20	15.10	9.92	0.57
Cascina_valle	87.55	Max WS	TR030_TP03H	33.28	75.32	77.70		77.95	0.005754	2.20	15.13	10.00	0.57
Cascina_valle	87.55	Max WS	TR030_TP04H	32.75	75.32	77.69		77.93	0.005631	2.19	14.99	9.84	0.57
Cascina_valle	87.55	Max WS	TR030_TP06H	31.51	75.32	77.63		77.87	0.005378	2.18	14.46	9.13	0.55
Cascina_valle	87.55	Max WS	TR030_TP08H	30.31	75.32	77.58		77.82	0.005324	2.16	14.00	8.87	0.55
Cascina_valle	72.70	Max WS	TR200_TP03H	37.15	74.95	77.86		78.08	0.003856	2.08	17.90	8.37	0.45
Cascina_valle	72.70	Max WS	TR200_TP01H	34.15	74.95	77.80		78.00	0.003538	1.96	17.38	8.37	0.44
Cascina_valle	72.70	Max WS	TR200_TP02H	37.03	74.95	77.86		78.08	0.003841	2.07	17.88	8.37	0.45
Cascina_valle	72.70	Max WS	TR200_TP05H	31.04	74.95	77.74		77.91	0.003216	1.85	16.81	8.37	0.42
Cascina_valle	72.70	Max WS	TR200_TP04H	36.50	74.95	77.85		78.07	0.003794	2.05	17.78	8.37	0.45
Cascina_valle	72.70	Max WS	TR200_TP06H	34.63	74.95	77.81		78.01	0.003592	1.98	17.46	8.37	0.44
Cascina_valle	72.70	Max WS	TR200_TP08H	33.17	74.95	77.77		77.96	0.003517	1.94	17.07	8.37	0.43
Cascina_valle	72.70	Max WS	TR030_TP05H	25.77	74.95	77.56		77.70	0.002901	1.68	15.31	8.37	0.40
Cascina_valle	72.70	Max WS	TR030_TP01H	28.17	74.95	77.67		77.82	0.002905	1.73	16.28	8.37	0.40
Cascina_valle	72.70	Max WS	TR030_TP02H	30.25	74.95	77.73		77.90	0.003073	1.80	16.78	8.37	0.41
Cascina_valle	72.70	Max WS	TR030_TP03H	30.46	74.95	77.73		77.90	0.003316	1.82	16.78	8.37	0.41
Cascina_valle	72.70	Max WS	TR030_TP04H	29.81	74.95	77.72		77.88	0.003030	1.79	16.69	8.37	0.40
Cascina_valle	72.70	Max WS	TR030_TP06H	28.19	74.95	77.68		77.83	0.002872	1.72	16.35	8.37	0.39
Cascina_valle	72.70	Max WS	TR030_TP08H	27.09	74.95	77.62		77.77	0.002881	1.71	15.89	8.37	0.40
Cascina_valle	57.850	Max WS	TR200_TP03H	38.93	74.89	77.81		78.00	0.003232	1.94	20.04	10.17	0.44
Cascina_valle	57.850	Max WS	TR200_TP01H	38.25	74.89	77.69		77.90	0.003770	2.04	18.79	10.17	0.48
Cascina_valle	57.850	Max WS	TR200_TP02H	38.88	74.89	77.80		77.99	0.003288	1.95	19.91	10.17	0.45
Cascina_valle	57.850	Max WS	TR200_TP05H	36.52	74.89	77.56		77.78	0.004223	2.08	17.52	10.17	0.51
Cascina_valle	57.850	Max WS	TR200_TP04H	38.63	74.89	77.78		77.97	0.003327	1.96	19.74	10.17	0.45
Cascina_valle	57.850	Max WS	TR200_TP06H	38.43	74.89	77.70		77.91	0.003713	2.03	18.95	10.17	0.47
Cascina_valle	57.850	Max WS	TR200_TP08H	37.45	74.89	77.64		77.86	0.003869	2.04	18.36	10.17	0.48
Cascina_valle	57.850	Max WS	TR030_TP05H	34.59	74.89	77.08		77.45	0.008951	2.69	12.84	9.18	0.73
Cascina_valle	57.850	Max WS	TR030_TP01H	35.54	74.89	77.40		77.65	0.005321	2.24	15.85	10.00	0.57
Cascina_valle	57.850	Max WS	TR030_TP02H	36.03	74.89	77.54		77.76	0.004293	2.09	17.26	10.17	0.51
Cascina_valle	57.850	Max WS	TR030_TP03H	36.14	74.89	77.54		77.76	0.004296	2.09	17.29	10.17	0.51
Cascina_valle	57.850	Max WS	TR030_TP04H	35.94	74.89	77.51		77.74	0.004455	2.11	17.02	10.16	0.52
Cascina_valle	57.850	Max WS	TR030_TP06H	35.54	74.89	77.42		77.67	0.005127	2.21	16.06	10.03	0.56
Cascina_valle	57.850	Max WS	TR030_TP08H	35.52	74.89	77.27		77.57	0.006702	2.44	14.58	9.74	0.64
Cascina_valle	43	Max WS	TR200_TP03H	48.72	74.83	77.18		77.70	0.011820	3.19	15.26	10.00	0.83
Cascina_valle	43	Max WS	TR200_TP01H	45.92	74.83	77.09		77.61	0.012695	3.21	14.32	10.00	0.86
Cascina_valle	43	Max WS	TR200_TP02H	48.44	74.83	77.17		77.69	0.011889	3.19	15.17	10.00	0.83
Cascina_valle	43	Max WS	TR200_TP05H	42.49	74.83	77.00		77.51	0.012767	3.16	13.43	9.69	0.86
Cascina_valle	43	Max WS	TR200_TP04H	47.94	74.83	77.16		77.68	0.012025	3.19	15.01	10.00	0.83
Cascina_valle	43	Max WS	TR200_TP06H	46.29	74.83	77.10		77.63	0.012505	3.20	14.47	10.00	0.85
Cascina_valle	43	Max WS	TR200_TP08H	44.36	74.83	77.05		77.57	0.012800	3.18	13.96	10.00	0.86
Cascina_valle	43	Max WS	TR030_TP05H	35.25	74.83	76.75		77.26	0.013889	3.15	11.21	8.87	0.89
Cascina_valle	43	Max WS	TR030_TP01H	39.54	74.83	76.90		77.41	0.012609	3.16	12.52	8.98	0.85
Cascina_valle	43	Max WS	TR030_TP02H	41.95	74.83	76.99		77.49	0.012623	3.16	13.28	9.52	0.85
Cascina_valle	43	Max WS	TR030_TP03H	42.01	74.83	76.98		77.50	0.012671	3.16	13.28	9.51	0.86
Cascina_valle	43	Max WS	TR030_TP04H	41.53	74.83	76.97		77.48	0.012520	3.16	13.16	9.37	0.85
Cascina_valle	43	Max WS	TR030_TP06H	39.87	74.83	76.92		77.43	0.012219	3.13	12.73	8.99	0.84
Cascina_valle	43	Max WS	TR030_TP08H	37.84	74.83	76.84		77.35	0.013199	3.16	11.96	8.93	0.87
Cascina_valle	42.558*	Max WS	TR200_TP03H	53.62	74.64	76.85		77.51	0.014939	3.60	14.91	9.87	0.93
Cascina_valle	42.558*	Max WS	TR200_TP01H	49.22	74.64	76.77		77.39	0.014725	3.48	14.13	9.80	0.93
Cascina_valle	42.558*	Max WS	TR200_TP02H	53.42	74.64	76.85		77.51	0.014953	3.59	14.86	9.87	0.94
Cascina_valle	42.558*	Max WS	TR200_TP05H	45.22	74.64	76.69		77.28	0.014651	3.38	13.36	9.72	0.92
Cascina_valle	42.558*	Max WS	TR200_TP04H	52.57	74.64	76.83		77.48	0.014901	3.57	14.72	9.85	0.93
Cascina_valle	42.558*	Max WS	TR200_TP06H	50.23	74.64	76.78		77.42	0.014977	3.53	14.24	9.81	0.93
Cascina_valle	42.558*	Max WS	TR200_TP08H	47.91	74.64	76.72	76.67	77.35	0.015524	3.52	13.63	9.75	0.95
Cascina_valle	42.558*	Max WS	TR030_TP05H	35.96	74.64	76.45	76.42	76.99	0.016477	3.27	11.01	9.50	0.97
Cascina_valle	42.558*	Max WS	TR030_TP01H	40.79	74.64	76.60		77.15	0.014657	3.27	12.46	9.64	0.92
Cascina_valle	42.558*	Max WS	TR030_TP02H	43.98	74.64	76.68		77.24	0.014418	3.34	13.18	9.71	0.91
Cascina_valle	42.558*	Max WS	TR030_TP03H	44.12	74.64	76.68		77.25	0.014403	3.34	13.22	9.71	0.91
Cascina_valle	42.558*	Max WS	TR030_TP04H	43.41	74.64	76.67		77.23	0.014344	3.32	13.09	9.70	0.91
Cascina_valle	42.558*	Max WS	TR030_TP06H	40.95	74.64	76.62		77.16	0.013977	3.23	12.69	9.66	0.90
Cascina_valle	42.558*	Max WS	TR030_TP08H	39.26	74.64	76.52	76.49	77.10	0.016329	3.35	11.71	9.56	0.97
Cascina_valle	42.115	Max WS	TR200_TP03H	46.88	74.45	76.63		77.08	0.010596	2.98	15.72	10.56	0.78
Cascina_valle	42.115	Max WS	TR200_TP01H	44.10	74.45	76.55		76.99	0.010975	2.96	14.90	10.46	0.79
Cascina_valle	42.115	Max WS	TR200_TP02H	47.89	74.45	76.62		77.10	0.011190	3.06	15.66	10.55	0.80
Cascina_valle	42.115	Max WS	TR200_TP05H	39.55	74.45	76.48		76.88	0.010115	2.78	14.22	10.38	0.76
Cascina_valle	42.115	Max WS	TR200_TP04H	46.93	74.45	76.60		77.07	0.011080	3.03	15.50	10.53	0.80
Cascina_valle	42.115	Max WS	TR200_TP06H	44.80	74.45	76.56		77.01	0.011128	2.99	14.99	10.47	0.80
Cascina_valle	42.115	Max WS	TR200_TP08H	42.67	74.45	76.52		76.95	0.010998	2.93	14.56	10.41	0.79
Cascina_valle	42.115	Max WS	TR030_TP05H	32.85	74.45	76.34		76.88	0.009820	2.59	12.71	10.30	0.74
Cascina_valle	42.115	Max WS	TR030_TP01H	37.39	74.45	76.41		76.80	0.010699	2.78	13.45	10.34	0.78
Cascina_valle	42.115	Max WS	TR030_TP02H	40.02	74.45	76.46		76.88	0.010838	2.86	14.01	10.37	0.78
Cascina_valle	42.115	Max WS	TR030_TP03H	40.03	74.45	76.46		76.88	0.010838	2.86	14.02	10.37	0.78
Cascina_valle	42.115	Max WS	TR030_TP04H	39.50	74.45	76.45		76.86	0.010825	2.84	13.90	10.36	0.78
Cascina_valle	42.115	Max WS	TR030_TP06H	37.75	74.45	76.43		76.82	0.010418	2.76	13.66	10.35	0.77
Cascina_valle	42.115	Max WS	TR030_TP08H	35.51	74.45	76.37		76.75	0.010458	2.71	13.10	10.32	0.77
Cascina_valle	41.673	Max WS	TR200_TP03H	37.50	74.37	76.64		77.11	0.012458	3.04	12.33	9.09	0.83
Cascina_valle	41.673	Max WS	TR200_TP01H	34.15	74.37	76.59		77.01	0.011592	2.88	11.87	9.09	0.80
Cascina_valle	41.673	Max WS	TR200_TP02H	37.51	74.37	76.64		77.11	0.012424	3.04	12.34	9.09	0.83
Cascina_valle	41.673	Max WS	TR200_TP05H	30.65	74.37	76.52		76.90	0.010857	2.72	11.29	9.09	0.78
Cascina_valle	41.673	Max WS	TR200_TP04H	37.08	74.37	76.63		77.10	0.012532	3.04	12.21	9.09	0.84
Cascina_valle	41.673	Max WS	TR200_TP06H	34.67	74.37	76.60		77.03	0.011736	2.90	11.93	9.09	0.81
Cascina_valle	41.673	Max WS	TR200_TP08H	32.53	74.37	76.55		76.96	0.011379	2.81	11.56	9.09	0.80
Cascina_valle	41.673	Max WS	TR030_TP05H	24.22	74.37	76.41		76.69	0.008360	2.36	10.27	8.44	0.68
Cascina_valle	41.673	Max WS	TR030_TP01H	28.16	74.37	76.49		76.82	0.009717	2.57	10.96	8.85	0.74
Cascina_valle	41.673	Max WS	TR030_TP02H	30.14	74.37	76.53		76.89	0.010421	2.66	11.31	9.09	0.76
Cascina_valle	41.673	Max WS	TR030_TP03H	30.59	74.37	76.53		76.90	0.010701	2.70	11.33	9.09	0.77
Cascina_valle	41.673	Max WS	TR030_TP04H	30.09	74.37	76.52		76.89	0.010				

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Cascina_valle	41.231	Max WS	TR200_TP04H	33.82	74.21	76.51		76.92	0.011370	2.83	11.95	9.53	0.81
Cascina_valle	41.231	Max WS	TR200_TP06H	31.86	74.21	76.46		76.86	0.011398	2.78	11.46	9.46	0.81
Cascina_valle	41.231	Max WS	TR200_TP08H	30.35	74.21	76.42		76.80	0.011262	2.74	11.08	9.26	0.80
Cascina_valle	41.231	Max WS	TR030_TP0.5H	23.59	74.21	76.23		76.55	0.009559	2.51	9.40	7.80	0.73
Cascina_valle	41.231	Max WS	TR030_TP01H	26.77	74.21	76.31		76.67	0.010959	2.65	10.09	8.63	0.78
Cascina_valle	41.231	Max WS	TR030_TP02H	28.56	74.21	76.36		76.74	0.011318	2.71	10.53	8.94	0.80
Cascina_valle	41.231	Max WS	TR030_TP03H	28.87	74.21	76.37		76.75	0.011455	2.73	10.57	8.98	0.80
Cascina_valle	41.231	Max WS	TR030_TP04H	28.39	74.21	76.35		76.73	0.011389	2.72	10.45	8.89	0.80
Cascina_valle	41.231	Max WS	TR030_TP06H	26.60	74.21	76.31		76.66	0.010938	2.65	10.05	8.60	0.78
Cascina_valle	41.231	Max WS	TR030_TP08H	25.31	74.21	76.27		76.61	0.010138	2.59	9.76	8.08	0.75
Cascina_valle	40.789*	Max WS	TR200_TP03H	33.00	74.13	76.33		76.77	0.011836	2.94	11.21	8.56	0.82
Cascina_valle	40.789*	Max WS	TR200_TP01H	30.12	74.13	76.27		76.67	0.011126	2.82	10.66	8.27	0.79
Cascina_valle	40.789*	Max WS	TR200_TP02H	32.73	74.13	76.33		76.76	0.011695	2.93	11.19	8.56	0.82
Cascina_valle	40.789*	Max WS	TR200_TP0.5H	27.67	74.13	76.19		76.58	0.010839	2.75	10.07	7.97	0.78
Cascina_valle	40.789*	Max WS	TR200_TP04H	32.19	74.13	76.32		76.75	0.011553	2.90	11.11	8.54	0.81
Cascina_valle	40.789*	Max WS	TR200_TP06H	30.60	74.13	76.28		76.69	0.011250	2.85	10.75	8.32	0.80
Cascina_valle	40.789*	Max WS	TR200_TP08H	29.09	74.13	76.23		76.63	0.011098	2.80	10.37	8.11	0.79
Cascina_valle	40.789*	Max WS	TR030_TP0.5H	23.10	74.13	76.07		76.40	0.009569	2.54	9.09	7.34	0.73
Cascina_valle	40.789*	Max WS	TR030_TP01H	25.68	74.13	76.15		76.50	0.010257	2.65	9.70	7.79	0.76
Cascina_valle	40.789*	Max WS	TR030_TP02H	27.27	74.13	76.19		76.56	0.010624	2.72	10.03	7.96	0.77
Cascina_valle	40.789*	Max WS	TR030_TP03H	27.44	74.13	76.19		76.57	0.010694	2.73	10.06	7.97	0.78
Cascina_valle	40.789*	Max WS	TR030_TP04H	27.12	74.13	76.18		76.56	0.010653	2.72	9.98	7.93	0.77
Cascina_valle	40.789*	Max WS	TR030_TP06H	25.65	74.13	76.14		76.50	0.010268	2.65	9.69	7.78	0.76
Cascina_valle	40.789*	Max WS	TR030_TP08H	24.55	74.13	76.11		76.46	0.010063	2.60	9.42	7.63	0.75
Cascina_valle	40.346	Max WS	TR200_TP03H	31.37	74.04	76.12		76.59	0.012811	3.03	10.34	7.61	0.83
Cascina_valle	40.346	Max WS	TR200_TP01H	28.97	74.04	76.04		76.49	0.012557	2.98	9.72	7.18	0.82
Cascina_valle	40.346	Max WS	TR200_TP02H	31.26	74.04	76.12		76.59	0.012831	3.03	10.31	7.60	0.83
Cascina_valle	40.346	Max WS	TR200_TP0.5H	26.78	74.04	75.95		76.39	0.012512	2.95	9.07	6.74	0.81
Cascina_valle	40.346	Max WS	TR200_TP04H	30.76	74.04	76.10		76.57	0.012803	3.03	10.17	7.50	0.83
Cascina_valle	40.346	Max WS	TR200_TP06H	29.30	74.04	76.05		76.51	0.012625	2.99	9.79	7.23	0.82
Cascina_valle	40.346	Max WS	TR200_TP08H	28.04	74.04	76.00		76.45	0.012491	2.96	9.46	7.01	0.81
Cascina_valle	40.346	Max WS	TR030_TP0.5H	22.92	74.04	75.80		76.20	0.012071	2.83	8.09	6.18	0.79
Cascina_valle	40.346	Max WS	TR030_TP01H	25.16	74.04	75.88		76.31	0.012574	2.93	8.59	6.47	0.81
Cascina_valle	40.346	Max WS	TR030_TP02H	26.55	74.04	75.94		76.38	0.012533	2.95	9.00	6.69	0.81
Cascina_valle	40.346	Max WS	TR030_TP03H	26.71	74.04	75.94		76.39	0.012616	2.96	9.02	6.71	0.82
Cascina_valle	40.346	Max WS	TR030_TP04H	26.36	74.04	75.92		76.37	0.012626	2.96	8.92	6.65	0.82
Cascina_valle	40.346	Max WS	TR030_TP06H	25.13	74.04	75.87		76.31	0.012559	2.93	8.59	6.47	0.81
Cascina_valle	40.346	Max WS	TR030_TP08H	24.18	74.04	75.84		76.26	0.012438	2.90	8.35	6.33	0.80
Cascina_valle	39.904	Max WS	TR200_TP03H	29.81	73.89	76.08		76.40	0.008481	2.53	11.81	8.59	0.69
Cascina_valle	39.904	Max WS	TR200_TP01H	27.39	73.89	76.00		76.31	0.008308	2.46	11.13	8.33	0.68
Cascina_valle	39.904	Max WS	TR200_TP02H	29.67	73.89	76.07		76.40	0.008456	2.52	11.77	8.58	0.69
Cascina_valle	39.904	Max WS	TR200_TP0.5H	25.26	73.89	75.91		76.21	0.008524	2.43	10.38	8.11	0.69
Cascina_valle	39.904	Max WS	TR200_TP04H	29.14	73.89	76.06		76.38	0.008404	2.50	11.64	8.52	0.68
Cascina_valle	39.904	Max WS	TR200_TP06H	27.73	73.89	76.01		76.32	0.008345	2.47	11.22	8.36	0.68
Cascina_valle	39.904	Max WS	TR200_TP08H	26.46	73.89	75.96		76.27	0.008309	2.44	10.83	8.21	0.68
Cascina_valle	39.904	Max WS	TR030_TP0.5H	21.51	73.89	75.75		76.03	0.008432	2.35	9.16	7.51	0.68
Cascina_valle	39.904	Max WS	TR030_TP01H	23.61	73.89	75.83		76.13	0.008461	2.41	9.81	7.74	0.68
Cascina_valle	39.904	Max WS	TR030_TP02H	24.93	73.89	75.89		76.19	0.008525	2.42	10.28	8.08	0.69
Cascina_valle	39.904	Max WS	TR030_TP03H	25.16	73.89	75.90		76.20	0.008588	2.44	10.32	8.09	0.69
Cascina_valle	39.904	Max WS	TR030_TP04H	24.78	73.89	75.88		76.18	0.008653	2.43	10.18	8.06	0.69
Cascina_valle	39.904	Max WS	TR030_TP06H	23.54	73.89	75.83		76.13	0.008414	2.40	9.81	7.75	0.68
Cascina_valle	39.904	Max WS	TR030_TP08H	22.67	73.89	75.80		76.09	0.008434	2.38	9.51	7.60	0.68
Cascina_valle	39.462	Max WS	TR200_TP03H	27.59	73.61	76.03		76.29	0.007673	2.27	12.15	9.79	0.65
Cascina_valle	39.462	Max WS	TR200_TP01H	25.19	73.61	75.95		76.20	0.007495	2.21	11.41	9.45	0.64
Cascina_valle	39.462	Max WS	TR200_TP02H	27.36	73.61	76.02		76.28	0.007638	2.26	12.10	9.78	0.65
Cascina_valle	39.462	Max WS	TR200_TP0.5H	23.17	73.61	75.86		76.10	0.007061	2.19	10.59	8.38	0.62
Cascina_valle	39.462	Max WS	TR200_TP04H	26.89	73.61	76.01		76.26	0.007632	2.25	11.96	9.77	0.65
Cascina_valle	39.462	Max WS	TR200_TP06H	25.49	73.61	75.96		76.21	0.007634	2.22	11.49	9.60	0.65
Cascina_valle	39.462	Max WS	TR200_TP08H	24.36	73.61	75.91		76.16	0.007143	2.20	11.05	8.77	0.63
Cascina_valle	39.462	Max WS	TR030_TP0.5H	19.56	73.61	75.71		75.93	0.006851	2.09	9.37	7.75	0.61
Cascina_valle	39.462	Max WS	TR030_TP01H	21.42	73.61	75.79		76.02	0.006867	2.13	10.07	8.11	0.61
Cascina_valle	39.462	Max WS	TR030_TP02H	22.84	73.61	75.85		76.09	0.006987	2.17	10.51	8.34	0.62
Cascina_valle	39.462	Max WS	TR030_TP03H	22.96	73.61	75.85		76.09	0.007020	2.18	10.54	8.35	0.62
Cascina_valle	39.462	Max WS	TR030_TP04H	22.57	73.61	75.84		76.07	0.006985	2.17	10.42	8.29	0.62
Cascina_valle	39.462	Max WS	TR030_TP06H	21.46	73.61	75.79		76.02	0.006879	2.13	10.07	8.11	0.61
Cascina_valle	39.462	Max WS	TR030_TP08H	20.62	73.61	75.75		75.98	0.006876	2.11	9.76	7.95	0.61
Cascina_valle	39.020	Max WS	TR200_TP03H	27.07	73.60	75.80		76.13	0.010402	2.56	10.57	8.47	0.73
Cascina_valle	39.020	Max WS	TR200_TP01H	24.93	73.60	75.72		76.04	0.010455	2.52	9.90	8.25	0.73
Cascina_valle	39.020	Max WS	TR200_TP02H	26.94	73.60	75.79		76.13	0.010413	2.56	10.53	8.47	0.73
Cascina_valle	39.020	Max WS	TR200_TP0.5H	23.08	73.60	75.62		75.95	0.009776	2.51	9.19	7.23	0.71
Cascina_valle	39.020	Max WS	TR200_TP04H	26.49	73.60	75.78		76.11	0.010436	2.55	10.41	8.47	0.73
Cascina_valle	39.020	Max WS	TR200_TP06H	25.18	73.60	75.73		76.05	0.010628	2.52	9.98	8.42	0.74
Cascina_valle	39.020	Max WS	TR200_TP08H	24.16	73.60	75.68		76.00	0.009863	2.51	9.61	7.64	0.72
Cascina_valle	39.020	Max WS	TR030_TP0.5H	19.66	73.60	75.48		75.77	0.009465	2.40	8.19	6.79	0.70
Cascina_valle	39.020	Max WS	TR030_TP01H	21.52	73.60	75.56		75.87	0.009476	2.45	8.77	7.00	0.70
Cascina_valle	39.020	Max WS	TR030_TP02H	22.76	73.60	75.61		75.93	0.009641	2.50	9.12	7.18	0.71
Cascina_valle	39.020	Max WS	TR030_TP03H	22.90	73.60	75.62		75.94	0.009714	2.51	9.14	7.20	0.71
Cascina_valle	39.020	Max WS	TR030_TP04H	22.57	73.60	75.61		75.92	0.009613	2.49	9.06	7.12	0.71
Cascina_valle	39.020	Max WS	TR030_TP06H	21.53	73.60	75.57		75.87	0.009438	2.45	8.79	7.01	0.70
Cascina_valle	39.020	Max WS	TR030_TP08H	20.71	73.60	75.53		75.83	0.009466	2.43	8.52	6.90	0.70
Cascina_valle	38.577	Max WS	TR200_TP03H	26.78	73.41	75.62		75.96	0.009319	2.60	10.30	7.09	0.69
Cascina_valle	38.577	Max WS	TR200_TP01H	24.83	73.41	75.53		75.87	0.009631	2.57	9.67	7.09	0.70
Cascina_valle	38.577	Max WS	TR200_TP02H	26.64	73.41	75.61		75.96	0.009324	2.60	10.26	7.09	0.69
Cascina_valle	38.577	Max WS	TR200_TP0.5H	23.04	73.41	75.45		75.77	0.009831	2.54	9.07	6.91	0.71
Cascina_valle	38.577	Max WS	TR200_TP04H	26.26	73.41	75.60		75.94	0.009360	2.59	10.15	7.09	0.69
Cascina_valle	38.577	Max WS	TR200_TP06H	25.06	73.41	75.54		75.88	0.009599	2.57	9.74	7.09	0.70
Cascina_valle	38.577	Max WS	TR200_TP08H	24.11	73.41	75.50		75.83	0.009742	2.55	9.44	7.08	0.71
Cascina_valle	38.577	Max WS	TR030_TP0.5H	19.79	73.41	75.31		75.61	0.0092				

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Cascina_valle	37.692	Max WS	TR200_TP03H	22.72	73.15	75.56		75.76	0.004680	1.98	11.45	7.04	0.50
Cascina_valle	37.692	Max WS	TR200_TP01H	20.81	73.15	75.48		75.66	0.004490	1.91	10.88	6.89	0.49
Cascina_valle	37.692	Max WS	TR200_TP02H	22.63	73.15	75.55		75.75	0.004685	1.98	11.41	7.03	0.50
Cascina_valle	37.692	Max WS	TR200_TP0.5H	19.40	73.15	75.38		75.56	0.004580	1.90	10.22	6.70	0.49
Cascina_valle	37.692	Max WS	TR200_TP04H	22.17	73.15	75.54		75.74	0.004587	1.96	11.33	7.01	0.49
Cascina_valle	37.692	Max WS	TR200_TP06H	20.96	73.15	75.49		75.68	0.004458	1.91	10.97	6.91	0.48
Cascina_valle	37.692	Max WS	TR200_TP08H	20.18	73.15	75.44		75.63	0.004461	1.90	10.65	6.82	0.48
Cascina_valle	37.692	Max WS	TR030_TP0.5H	16.61	73.15	75.24		75.41	0.004306	1.78	9.31	6.50	0.48
Cascina_valle	37.692	Max WS	TR030_TP01H	18.17	73.15	75.31		75.49	0.004527	1.86	9.78	6.62	0.49
Cascina_valle	37.692	Max WS	TR030_TP02H	19.06	73.15	75.37		75.55	0.004476	1.87	10.17	6.69	0.49
Cascina_valle	37.692	Max WS	TR030_TP03H	19.14	73.15	75.38		75.56	0.004472	1.87	10.21	6.70	0.48
Cascina_valle	37.692	Max WS	TR030_TP04H	18.83	73.15	75.36		75.54	0.004437	1.86	10.11	6.67	0.48
Cascina_valle	37.692	Max WS	TR030_TP06H	18.11	73.15	75.32		75.49	0.004452	1.85	9.82	6.62	0.48
Cascina_valle	37.692	Max WS	TR030_TP08H	17.50	73.15	75.28		75.45	0.004451	1.83	9.58	6.59	0.48
Cascina_valle	36.808	Max WS	TR200_TP03H	18.95	73.16	75.47		75.63	0.005375	1.78	10.66	9.83	0.55
Cascina_valle	36.808	Max WS	TR200_TP01H	17.38	73.16	75.39		75.55	0.005409	1.77	9.84	9.17	0.54
Cascina_valle	36.808	Max WS	TR200_TP02H	18.94	73.16	75.47		75.63	0.005464	1.79	10.60	9.81	0.55
Cascina_valle	36.808	Max WS	TR200_TP0.5H	16.19	73.16	75.27		75.44	0.005641	1.82	8.87	8.01	0.55
Cascina_valle	36.808	Max WS	TR200_TP04H	18.56	73.16	75.45		75.61	0.005422	1.77	10.47	9.78	0.55
Cascina_valle	36.808	Max WS	TR200_TP06H	17.53	73.16	75.40		75.56	0.005358	1.76	9.98	9.32	0.54
Cascina_valle	36.808	Max WS	TR200_TP08H	16.70	73.16	75.36		75.51	0.005249	1.74	9.59	8.88	0.54
Cascina_valle	36.808	Max WS	TR030_TP0.5H	14.01	73.16	75.09		75.27	0.006003	1.85	7.56	6.90	0.57
Cascina_valle	36.808	Max WS	TR030_TP01H	15.29	73.16	75.19		75.37	0.005723	1.85	8.27	7.32	0.56
Cascina_valle	36.808	Max WS	TR030_TP02H	15.84	73.16	75.27		75.44	0.005397	1.78	8.88	8.02	0.54
Cascina_valle	36.808	Max WS	TR030_TP03H	15.90	73.16	75.28		75.44	0.005388	1.78	8.94	8.11	0.54
Cascina_valle	36.808	Max WS	TR030_TP04H	15.69	73.16	75.27		75.43	0.005330	1.78	8.80	7.87	0.54
Cascina_valle	36.808	Max WS	TR030_TP06H	15.17	73.16	75.21		75.38	0.005421	1.81	8.40	7.40	0.54
Cascina_valle	36.808	Max WS	TR030_TP08H	14.75	73.16	75.17		75.34	0.005665	1.83	8.07	7.20	0.55
Cascina_valle	35.923	Max WS	TR200_TP03H	22.75	72.86	75.27		75.42	0.003528	1.71	13.31	8.77	0.44
Cascina_valle	35.923	Max WS	TR200_TP01H	20.81	72.86	75.19		75.33	0.003414	1.64	12.67	8.77	0.44
Cascina_valle	35.923	Max WS	TR200_TP02H	22.34	72.86	75.26		75.40	0.003474	1.69	13.21	8.77	0.44
Cascina_valle	35.923	Max WS	TR200_TP0.5H	18.63	72.86	75.11		75.23	0.003268	1.56	11.93	8.75	0.43
Cascina_valle	35.923	Max WS	TR200_TP04H	22.22	72.86	75.25		75.40	0.003458	1.68	13.19	8.77	0.44
Cascina_valle	35.923	Max WS	TR200_TP06H	20.98	72.86	75.21		75.35	0.003341	1.63	12.83	8.77	0.43
Cascina_valle	35.923	Max WS	TR200_TP08H	19.91	72.86	75.18		75.31	0.003217	1.59	12.55	8.77	0.42
Cascina_valle	35.923	Max WS	TR030_TP0.5H	15.01	72.86	74.98		75.08	0.002558	1.38	10.86	7.98	0.38
Cascina_valle	35.923	Max WS	TR030_TP01H	17.07	72.86	75.05		75.17	0.002849	1.49	11.45	8.06	0.40
Cascina_valle	35.923	Max WS	TR030_TP02H	18.34	72.86	75.12		75.24	0.003129	1.53	11.99	8.77	0.42
Cascina_valle	35.923	Max WS	TR030_TP03H	18.47	72.86	75.12		75.24	0.003127	1.53	12.05	8.77	0.42
Cascina_valle	35.923	Max WS	TR030_TP04H	18.11	72.86	75.11		75.23	0.003088	1.52	11.93	8.76	0.42
Cascina_valle	35.923	Max WS	TR030_TP06H	17.16	72.86	75.07		75.18	0.002847	1.48	11.59	8.25	0.40
Cascina_valle	35.923	Max WS	TR030_TP08H	16.30	72.86	75.04		75.14	0.002678	1.44	11.33	8.04	0.39
Cascina_valle	35.038	Max WS	TR200_TP03H	5.76	72.79	75.43		75.44	0.000228	0.41	14.09	10.55	0.11
Cascina_valle	35.038	Max WS	TR200_TP01H	8.17	72.79	75.32		75.34	0.000576	0.63	12.90	10.10	0.18
Cascina_valle	35.038	Max WS	TR200_TP02H	5.96	72.79	75.42		75.43	0.000249	0.43	13.96	10.45	0.12
Cascina_valle	35.038	Max WS	TR200_TP0.5H	8.03	72.79	75.20		75.23	0.000675	0.68	11.81	9.31	0.19
Cascina_valle	35.038	Max WS	TR200_TP04H	6.21	72.79	75.41		75.42	0.000273	0.45	13.88	10.38	0.12
Cascina_valle	35.038	Max WS	TR200_TP06H	6.59	72.79	75.35		75.37	0.000347	0.50	13.27	10.20	0.14
Cascina_valle	35.038	Max WS	TR200_TP08H	7.00	72.79	75.31		75.32	0.000434	0.55	12.79	10.07	0.16
Cascina_valle	35.038	Max WS	TR030_TP0.5H	8.52	72.79	75.03		75.06	0.001074	0.83	10.26	8.39	0.24
Cascina_valle	35.038	Max WS	TR030_TP01H	8.39	72.79	75.13		75.15	0.000862	0.76	11.09	8.89	0.22
Cascina_valle	35.038	Max WS	TR030_TP02H	8.53	72.79	75.21		75.24	0.000754	0.72	11.86	9.33	0.20
Cascina_valle	35.038	Max WS	TR030_TP03H	8.28	72.79	75.22		75.24	0.000697	0.69	11.96	9.39	0.20
Cascina_valle	35.038	Max WS	TR030_TP04H	8.18	72.79	75.20		75.23	0.000701	0.69	11.81	9.31	0.20
Cascina_valle	35.038	Max WS	TR030_TP06H	8.16	72.79	75.15		75.18	0.000771	0.72	11.34	9.04	0.21
Cascina_valle	35.038	Max WS	TR030_TP08H	8.17	72.79	75.11		75.14	0.000839	0.75	10.96	8.81	0.21
Cascina_valle	34.743*	Max WS	TR200_TP03H	25.94	72.59	74.83		75.14	0.009076	2.50	10.38	8.23	0.71
Cascina_valle	34.743*	Max WS	TR200_TP01H	24.10	72.59	74.74		75.05	0.009420	2.49	9.67	7.90	0.72
Cascina_valle	34.743*	Max WS	TR200_TP02H	25.61	72.59	74.82		75.13	0.008929	2.48	10.34	8.21	0.71
Cascina_valle	34.743*	Max WS	TR200_TP0.5H	21.88	72.59	74.69		74.97	0.008674	2.36	9.26	7.72	0.69
Cascina_valle	34.743*	Max WS	TR200_TP04H	25.65	72.59	74.82		75.13	0.009055	2.49	10.29	8.19	0.71
Cascina_valle	34.743*	Max WS	TR200_TP06H	24.50	72.59	74.76		75.07	0.009329	2.49	9.82	7.98	0.72
Cascina_valle	34.743*	Max WS	TR200_TP08H	23.62	72.59	74.72		75.03	0.009421	2.48	9.51	7.83	0.72
Cascina_valle	34.743*	Max WS	TR030_TP0.5H	18.79	72.59	74.57		74.83	0.008312	2.24	8.40	7.35	0.67
Cascina_valle	34.743*	Max WS	TR030_TP01H	20.50	72.59	74.63		74.91	0.008542	2.31	8.86	7.53	0.68
Cascina_valle	34.743*	Max WS	TR030_TP02H	21.99	72.59	74.68		74.97	0.008926	2.39	9.20	7.69	0.70
Cascina_valle	34.743*	Max WS	TR030_TP03H	22.14	72.59	74.68		74.97	0.008988	2.40	9.22	7.70	0.70
Cascina_valle	34.743*	Max WS	TR030_TP04H	21.83	72.59	74.67		74.96	0.008885	2.38	9.16	7.67	0.70
Cascina_valle	34.743*	Max WS	TR030_TP06H	20.83	72.59	74.65		74.92	0.008504	2.32	8.99	7.59	0.68
Cascina_valle	34.743*	Max WS	TR030_TP08H	20.09	72.59	74.62		74.89	0.008502	2.30	8.75	7.49	0.68
Cascina_valle	34.449*	Max WS	TR200_TP03H	27.66	72.39	74.56		74.97	0.011353	2.84	9.75	7.53	0.80
Cascina_valle	34.449*	Max WS	TR200_TP01H	25.63	72.39	74.49		74.88	0.011209	2.77	9.26	7.35	0.79
Cascina_valle	34.449*	Max WS	TR200_TP02H	27.36	72.39	74.55		74.96	0.011290	2.82	9.69	7.51	0.79
Cascina_valle	34.449*	Max WS	TR200_TP0.5H	23.50	72.39	74.43		74.79	0.010722	2.66	8.82	7.19	0.77
Cascina_valle	34.449*	Max WS	TR200_TP04H	27.33	72.39	74.55		74.95	0.011381	2.83	9.66	7.49	0.80
Cascina_valle	34.449*	Max WS	TR200_TP06H	26.08	72.39	74.51		74.90	0.011176	2.78	9.39	7.40	0.79
Cascina_valle	34.449*	Max WS	TR200_TP08H	25.14	72.39	74.48		74.86	0.011030	2.74	9.18	7.32	0.78
Cascina_valle	34.449*	Max WS	TR030_TP0.5H	20.54	72.39	74.34		74.66	0.009973	2.51	8.19	6.93	0.74
Cascina_valle	34.449*	Max WS	TR030_TP01H	22.16	72.39	74.39		74.73	0.010484	2.60	8.51	7.06	0.76
Cascina_valle	34.449*	Max WS	TR030_TP02H	23.65	72.39	74.43		74.80	0.010791	2.67	8.84	7.20	0.77
Cascina_valle	34.449*	Max WS	TR030_TP03H	23.78	72.39	74.44		74.81	0.010802	2.68	8.88	7.21	0.77
Cascina_valle	34.449*	Max WS	TR030_TP04H	23.49	72.39	74.43		74.79	0.010761	2.67	8.81	7.19	0.77
Cascina_valle	34.449*	Max WS	TR030_TP06H	22.62	72.39	74.40		74.75	0.010586	2.63	8.61	7.11	0.76
Cascina_valle	34.449*	Max WS	TR030_TP08H	21.84	72.39	74.38		74.72	0.010396	2.59	8.44	7.04	0.75
Cascina_valle	34.154	Max WS	TR200_TP03H	25.40	72.19	74.61		74.87	0.006523	2.28	11.16	7.53	0.60
Cascina_valle	34.154	Max WS	TR200_TP01H	23.35	72.19	74.55		74.79	0.006111	2.18	10.73	7.38	0.58
Cascina_valle	34.154	Max WS	TR200_TP02H	25.18	72.19	74.60		74.87	0.006478	2.27	11.11	7.51	0.60
Cascina_valle	34.154	Max WS	TR200_TP0.5H	21.29	72.19	74.49		74.71	0.005694	2.			

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Cascina_valle	34.154	Max WS	TR030_TP04H	21.30	72.19	74.49		74.71	0.005718	2.08	10.26	7.23	0.56
Cascina_valle	34.154	Max WS	TR030_TP06H	20.47	72.19	74.46		74.67	0.005568	2.03	10.06	7.16	0.55
Cascina_valle	34.154	Max WS	TR030_TP08H	19.73	72.19	74.44		74.64	0.005430	2.00	9.88	7.09	0.54
Cascina_valle	33.99			Lat Struct									
Cascina_valle	33.98			Lat Struct									
Cascina_valle	33.269	Max WS	TR200_TP03H	23.57	72.45	74.45		74.67	0.006392	2.07	11.39	9.66	0.61
Cascina_valle	33.269	Max WS	TR200_TP01H	21.68	72.45	74.40		74.60	0.006024	1.99	10.89	9.36	0.59
Cascina_valle	33.269	Max WS	TR200_TP02H	23.33	72.45	74.45		74.66	0.006334	2.06	11.33	9.63	0.61
Cascina_valle	33.269	Max WS	TR200_TP05H	19.91	72.45	74.34		74.53	0.005796	1.93	10.31	8.99	0.58
Cascina_valle	33.269	Max WS	TR200_TP04H	23.20	72.45	74.44		74.66	0.006321	2.05	11.29	9.60	0.60
Cascina_valle	33.269	Max WS	TR200_TP06H	22.13	72.45	74.42		74.62	0.006095	2.01	11.02	9.44	0.59
Cascina_valle	33.269	Max WS	TR200_TP08H	21.28	72.45	74.39		74.59	0.005947	1.97	10.78	9.29	0.58
Cascina_valle	33.269	Max WS	TR030_TP05H	17.60	72.45	74.24		74.41	0.005629	1.87	9.41	8.39	0.56
Cascina_valle	33.269	Max WS	TR030_TP01H	18.82	72.45	74.29		74.48	0.005718	1.90	9.89	8.71	0.57
Cascina_valle	33.269	Max WS	TR030_TP02H	20.03	72.45	74.34		74.53	0.005835	1.94	10.34	9.00	0.58
Cascina_valle	33.269	Max WS	TR030_TP03H	20.15	72.45	74.35		74.54	0.005849	1.94	10.38	9.03	0.58
Cascina_valle	33.269	Max WS	TR030_TP04H	19.91	72.45	74.34		74.53	0.005835	1.94	10.29	8.97	0.58
Cascina_valle	33.269	Max WS	TR030_TP06H	19.20	72.45	74.31		74.49	0.005776	1.92	10.02	8.79	0.57
Cascina_valle	33.269	Max WS	TR030_TP08H	18.58	72.45	74.28		74.46	0.005731	1.90	9.78	8.64	0.57
Cascina_valle	32.385	Max WS	TR200_TP03H	23.69	71.95	74.32		74.47	0.003898	1.70	13.91	10.79	0.48
Cascina_valle	32.385	Max WS	TR200_TP01H	22.03	71.95	74.27		74.41	0.003667	1.65	13.36	10.42	0.46
Cascina_valle	32.385	Max WS	TR200_TP02H	23.46	71.95	74.32		74.46	0.003879	1.70	13.84	10.79	0.48
Cascina_valle	32.385	Max WS	TR200_TP05H	20.31	71.95	74.22		74.34	0.003426	1.59	12.78	9.97	0.45
Cascina_valle	32.385	Max WS	TR200_TP04H	23.38	71.95	74.31		74.46	0.003896	1.70	13.79	10.79	0.48
Cascina_valle	32.385	Max WS	TR200_TP06H	22.45	71.95	74.29		74.43	0.003720	1.66	13.50	10.50	0.47
Cascina_valle	32.385	Max WS	TR200_TP08H	21.66	71.95	74.26		74.40	0.003611	1.63	13.26	10.36	0.46
Cascina_valle	32.385	Max WS	TR030_TP05H	17.89	71.95	74.12		74.24	0.003094	1.51	11.89	9.27	0.42
Cascina_valle	32.385	Max WS	TR030_TP01H	19.16	71.95	74.17		74.30	0.003261	1.55	12.36	9.62	0.44
Cascina_valle	32.385	Max WS	TR030_TP02H	20.41	71.95	74.22		74.35	0.003447	1.59	12.80	9.99	0.45
Cascina_valle	32.385	Max WS	TR030_TP03H	20.52	71.95	74.22		74.35	0.003463	1.60	12.84	10.02	0.45
Cascina_valle	32.385	Max WS	TR030_TP04H	20.27	71.95	74.21		74.34	0.003429	1.59	12.75	9.95	0.45
Cascina_valle	32.385	Max WS	TR030_TP06H	19.53	71.95	74.19		74.31	0.003322	1.56	12.49	9.73	0.44
Cascina_valle	32.385	Max WS	TR030_TP08H	18.88	71.95	74.16		74.28	0.003225	1.54	12.25	9.53	0.43
Cascina_valle	31.500	Max WS	TR200_TP03H	22.57	72.15	74.15		74.33	0.004924	1.87	12.07	9.83	0.54
Cascina_valle	31.500	Max WS	TR200_TP01H	21.18	72.15	74.10		74.27	0.004798	1.83	11.56	9.53	0.53
Cascina_valle	31.500	Max WS	TR200_TP02H	22.40	72.15	74.15		74.32	0.004892	1.86	12.01	9.77	0.54
Cascina_valle	31.500	Max WS	TR200_TP05H	19.72	72.15	74.04		74.21	0.004728	1.79	11.03	9.34	0.53
Cascina_valle	31.500	Max WS	TR200_TP04H	22.28	72.15	74.14		74.32	0.004878	1.86	11.96	9.72	0.54
Cascina_valle	31.500	Max WS	TR200_TP06H	21.52	72.15	74.12		74.29	0.004792	1.84	11.71	9.58	0.53
Cascina_valle	31.500	Max WS	TR200_TP08H	20.90	72.15	74.09		74.26	0.004782	1.82	11.46	9.49	0.53
Cascina_valle	31.500	Max WS	TR030_TP05H	17.39	72.15	73.97		74.11	0.004430	1.69	10.31	9.10	0.51
Cascina_valle	31.500	Max WS	TR030_TP01H	18.67	72.15	74.01		74.16	0.004627	1.75	10.68	9.22	0.52
Cascina_valle	31.500	Max WS	TR030_TP02H	19.80	72.15	74.05		74.21	0.004742	1.79	11.05	9.34	0.53
Cascina_valle	31.500	Max WS	TR030_TP03H	19.91	72.15	74.05		74.21	0.004749	1.80	11.09	9.36	0.53
Cascina_valle	31.500	Max WS	TR030_TP04H	19.68	72.15	74.04		74.20	0.004735	1.79	11.01	9.33	0.53
Cascina_valle	31.500	Max WS	TR030_TP06H	19.01	72.15	74.02		74.18	0.004677	1.76	10.78	9.25	0.52
Cascina_valle	31.500	Max WS	TR030_TP08H	18.38	72.15	74.00		74.15	0.004589	1.73	10.60	9.19	0.52
Cascina_valle	30.615	Max WS	TR200_TP03H	22.17	71.99	73.81		74.08	0.009301	2.30	9.63	9.07	0.71
Cascina_valle	30.615	Max WS	TR200_TP01H	20.79	71.99	73.78		74.03	0.008882	2.22	9.38	9.07	0.70
Cascina_valle	30.615	Max WS	TR200_TP02H	22.01	71.99	73.81		74.08	0.009260	2.29	9.60	9.07	0.71
Cascina_valle	30.615	Max WS	TR200_TP05H	19.32	71.99	73.75		73.98	0.008423	2.12	9.10	9.07	0.68
Cascina_valle	30.615	Max WS	TR200_TP04H	21.87	71.99	73.81		74.07	0.009220	2.28	9.58	9.07	0.71
Cascina_valle	30.615	Max WS	TR200_TP06H	21.16	71.99	73.79		74.05	0.008998	2.24	9.45	9.07	0.70
Cascina_valle	30.615	Max WS	TR200_TP08H	20.51	71.99	73.78		74.03	0.008766	2.20	9.34	9.07	0.69
Cascina_valle	30.615	Max WS	TR030_TP05H	17.17	71.99	73.69		73.90	0.007688	2.00	8.58	8.77	0.65
Cascina_valle	30.615	Max WS	TR030_TP01H	18.29	71.99	73.73		73.94	0.008121	2.06	8.87	9.02	0.66
Cascina_valle	30.615	Max WS	TR030_TP02H	19.38	71.99	73.75		73.98	0.008438	2.13	9.11	9.07	0.68
Cascina_valle	30.615	Max WS	TR030_TP03H	19.49	71.99	73.76		73.99	0.008461	2.13	9.13	9.07	0.68
Cascina_valle	30.615	Max WS	TR030_TP04H	19.26	71.99	73.75		73.98	0.008399	2.12	9.09	9.07	0.68
Cascina_valle	30.615	Max WS	TR030_TP06H	18.60	71.99	73.74		73.96	0.008243	2.08	8.94	9.07	0.67
Cascina_valle	30.615	Max WS	TR030_TP08H	18.03	71.99	73.72		73.93	0.008013	2.05	8.81	8.97	0.66
Cascina_valle	29.731	Max WS	TR200_TP03H	15.83	71.40	73.84		73.88	0.001063	0.92	17.23	12.64	0.25
Cascina_valle	29.731	Max WS	TR200_TP01H	14.43	71.40	73.81		73.85	0.000941	0.85	16.88	12.64	0.24
Cascina_valle	29.731	Max WS	TR200_TP02H	15.66	71.40	73.84		73.88	0.001049	0.91	17.19	12.64	0.25
Cascina_valle	29.731	Max WS	TR200_TP05H	13.05	71.40	73.78		73.81	0.000831	0.79	16.47	12.64	0.22
Cascina_valle	29.731	Max WS	TR200_TP04H	15.54	71.40	73.83		73.88	0.001039	0.91	17.15	12.64	0.25
Cascina_valle	29.731	Max WS	TR200_TP06H	14.89	71.40	73.82		73.86	0.000988	0.88	16.96	12.64	0.24
Cascina_valle	29.731	Max WS	TR200_TP08H	14.14	71.40	73.81		73.84	0.000913	0.84	16.83	12.64	0.23
Cascina_valle	29.731	Max WS	TR030_TP05H	13.01	71.40	73.69		73.73	0.001025	0.85	15.36	12.64	0.25
Cascina_valle	29.731	Max WS	TR030_TP01H	12.76	71.40	73.74		73.78	0.000866	0.80	16.02	12.64	0.23
Cascina_valle	29.731	Max WS	TR030_TP02H	13.09	71.40	73.78		73.81	0.000832	0.79	16.49	12.64	0.22
Cascina_valle	29.731	Max WS	TR030_TP03H	13.15	71.40	73.78		73.82	0.000834	0.80	16.53	12.64	0.22
Cascina_valle	29.731	Max WS	TR030_TP04H	13.02	71.40	73.78		73.81	0.000829	0.79	16.45	12.64	0.22
Cascina_valle	29.731	Max WS	TR030_TP06H	12.76	71.40	73.76		73.79	0.000841	0.79	16.17	12.64	0.22
Cascina_valle	29.731	Max WS	TR030_TP08H	12.79	71.40	73.73		73.77	0.000893	0.81	15.88	12.64	0.23
Cascina_valle	28.846	Max WS	TR200_TP03H	20.25	71.80	73.25	73.22	73.63	0.017469	2.73	7.40	9.01	0.96
Cascina_valle	28.846	Max WS	TR200_TP01H	19.09	71.80	73.21	73.18	73.58	0.017674	2.71	7.04	8.73	0.96
Cascina_valle	28.846	Max WS	TR200_TP02H	20.11	71.80	73.24	73.21	73.62	0.017458	2.73	7.37	8.98	0.96
Cascina_valle	28.846	Max WS	TR200_TP05H	17.85	71.80	73.15	73.13	73.53	0.018670	2.73	6.53	8.34	0.99
Cascina_valle	28.846	Max WS	TR200_TP04H	20.01	71.80	73.24	73.21	73.62	0.017488	2.73	7.33	8.96	0.96
Cascina_valle	28.846	Max WS	TR200_TP06H	19.44	71.80	73.22	73.20	73.60	0.017480	2.71	7.17	8.83	0.96
Cascina_valle	28.846	Max WS	TR200_TP08H	18.87	71.80	73.20	73.18	73.57	0.017844	2.72	6.95	8.66	0.97
Cascina_valle	28.846	Max WS	TR030_TP05H	16.99	71.80	73.08	73.05	73.48	0.017530	2.80	6.06	7.00	0.96
Cascina_valle	28.846	Max WS	TR030_TP01H	17.44	71.80	73.11	73.06	73.51	0.016983	2.79	6.26	7.14	0.95
Cascina_valle	28.846	Max WS	TR030_TP02H	17.90	71.80	73.15	73.14	73.53	0.018622	2.73	6.55	8.35	0.98
Cascina_valle	28.846	Max WS	TR030_TP03H	17.95	71.80	73.16	73.14	73.53	0.018479	2.72	6.59	8.38	0.98
Cascina_valle	28.846	Max WS	TR030_TP04H	17.86	71.80	73.15	73.13	73.53	0.018798	2.74	6.52	8.33	0.99
Cascina_valle	28.846	Max WS	TR030_TP06H	17.58	71.80	73.12	73.07	73.52	0.016814	2.78	6.33	7.18	

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Cascina_valle	28.404	Max WS	TR200_TP0.5H	18.05	71.40	72.91		73.20	0.015962	2.36	7.64	10.58	0.89
Cascina_valle	28.404	Max WS	TR200_TP04H	19.98	71.40	73.00		73.28	0.014221	2.33	8.56	11.10	0.85
Cascina_valle	28.404	Max WS	TR200_TP06H	19.45	71.40	72.98		73.26	0.014435	2.33	8.35	10.97	0.85
Cascina_valle	28.404	Max WS	TR200_TP08H	18.94	71.40	72.96		73.24	0.014748	2.33	8.13	10.85	0.86
Cascina_valle	28.404	Max WS	TR030_TP0.5H	12.72	71.40	72.85		73.02	0.007591	1.81	7.03	8.11	0.62
Cascina_valle	28.404	Max WS	TR030_TP01H	17.63	71.40	72.88		73.18	0.017376	2.42	7.29	10.38	0.92
Cascina_valle	28.404	Max WS	TR030_TP02H	18.08	71.40	72.92		73.20	0.015907	2.36	7.66	10.59	0.89
Cascina_valle	28.404	Max WS	TR030_TP03H	18.13	71.40	72.92		73.20	0.015768	2.36	7.69	10.61	0.88
Cascina_valle	28.404	Max WS	TR030_TP04H	18.04	71.40	72.91		73.20	0.016062	2.37	7.62	10.57	0.89
Cascina_valle	28.404	Max WS	TR030_TP06H	17.76	71.40	72.89		73.19	0.016957	2.40	7.39	10.44	0.91
Cascina_valle	28.404	Max WS	TR030_TP08H	17.54	71.40	72.87		73.18	0.016944	2.43	7.20	9.94	0.91
Cascina_valle	27.962	Max WS	TR200_TP03H	20.54	71.29	72.65	72.71	73.18	0.023311	3.21	6.40	7.24	1.09
Cascina_valle	27.962	Max WS	TR200_TP01H	19.41	71.29	72.61	72.67	73.13	0.023484	3.18	6.10	7.02	1.09
Cascina_valle	27.962	Max WS	TR200_TP02H	20.41	71.29	72.65	72.71	73.17	0.023352	3.20	6.37	7.22	1.09
Cascina_valle	27.962	Max WS	TR200_TP0.5H	18.28	71.29	72.56	72.63	73.07	0.023704	3.17	5.76	6.67	1.09
Cascina_valle	27.962	Max WS	TR200_TP04H	20.30	71.29	72.64	72.70	73.17	0.023435	3.20	6.34	7.20	1.09
Cascina_valle	27.962	Max WS	TR200_TP06H	19.74	71.29	72.62	72.68	73.14	0.023559	3.19	6.18	7.09	1.09
Cascina_valle	27.962	Max WS	TR200_TP08H	19.20	71.29	72.60	72.66	73.12	0.023531	3.18	6.04	6.96	1.09
Cascina_valle	27.962	Max WS	TR030_TP0.5H	17.27	71.29	72.52	72.59	73.02	0.021376	3.16	5.48	5.83	1.04
Cascina_valle	27.962	Max WS	TR030_TP01H	17.82	71.29	72.54	72.61	73.05	0.021851	3.18	5.61	6.04	1.05
Cascina_valle	27.962	Max WS	TR030_TP02H	18.30	71.29	72.56	72.63	73.08	0.023690	3.17	5.77	6.68	1.09
Cascina_valle	27.962	Max WS	TR030_TP03H	18.35	71.29	72.56	72.63	73.08	0.023678	3.17	5.78	6.69	1.09
Cascina_valle	27.962	Max WS	TR030_TP04H	18.25	71.29	72.56	72.63	73.07	0.023723	3.18	5.75	6.65	1.09
Cascina_valle	27.962	Max WS	TR030_TP06H	17.95	71.29	72.54	72.61	73.06	0.023476	3.18	5.65	6.47	1.09
Cascina_valle	27.962	Max WS	TR030_TP08H	17.70	71.29	72.53	72.60	73.05	0.021742	3.18	5.58	5.97	1.05
Cascina_valle	27.520	Max WS	TR200_TP03H	21.84	70.99	72.28		72.67	0.016001	2.79	7.84	8.63	0.93
Cascina_valle	27.520	Max WS	TR200_TP01H	20.32	70.99	72.23		72.61	0.016349	2.74	7.41	8.53	0.94
Cascina_valle	27.520	Max WS	TR200_TP02H	21.67	70.99	72.27		72.66	0.016018	2.78	7.79	8.62	0.93
Cascina_valle	27.520	Max WS	TR200_TP0.5H	18.92	70.99	72.18	72.15	72.55	0.016696	2.70	7.01	8.43	0.94
Cascina_valle	27.520	Max WS	TR200_TP04H	21.49	70.99	72.26		72.66	0.016090	2.78	7.74	8.61	0.94
Cascina_valle	27.520	Max WS	TR200_TP06H	20.75	70.99	72.24		72.63	0.016310	2.76	7.52	8.56	0.94
Cascina_valle	27.520	Max WS	TR200_TP08H	20.06	70.99	72.22	72.18	72.60	0.016445	2.74	7.33	8.51	0.94
Cascina_valle	27.520	Max WS	TR030_TP0.5H	16.48	70.99	72.14		72.45	0.014437	2.46	6.71	8.36	0.88
Cascina_valle	27.520	Max WS	TR030_TP01H	18.30	70.99	72.16	72.13	72.52	0.016953	2.68	6.82	8.39	0.95
Cascina_valle	27.520	Max WS	TR030_TP02H	18.94	70.99	72.18	72.15	72.55	0.016660	2.70	7.02	8.44	0.94
Cascina_valle	27.520	Max WS	TR030_TP03H	19.01	70.99	72.18	72.15	72.55	0.016632	2.70	7.04	8.44	0.94
Cascina_valle	27.520	Max WS	TR030_TP04H	18.87	70.99	72.18	72.14	72.55	0.016700	2.70	7.00	8.43	0.94
Cascina_valle	27.520	Max WS	TR030_TP06H	18.47	70.99	72.16	72.13	72.53	0.016863	2.69	6.88	8.40	0.95
Cascina_valle	27.520	Max WS	TR030_TP08H	18.13	70.99	72.15	72.12	72.52	0.017004	2.68	6.77	8.37	0.95
Cascina_valle	27.077	Max WS	TR200_TP03H	8.58	70.69	72.53		72.56	0.000746	0.74	11.53	9.05	0.21
Cascina_valle	27.077	Max WS	TR200_TP01H	8.69	70.69	72.44		72.48	0.000909	0.81	10.77	8.68	0.23
Cascina_valle	27.077	Max WS	TR200_TP02H	8.57	70.69	72.52		72.55	0.000757	0.75	11.46	9.01	0.21
Cascina_valle	27.077	Max WS	TR200_TP0.5H	8.77	70.69	72.36		72.40	0.001109	0.87	10.06	8.40	0.25
Cascina_valle	27.077	Max WS	TR200_TP04H	8.56	70.69	72.51		72.54	0.000770	0.75	11.36	8.96	0.21
Cascina_valle	27.077	Max WS	TR200_TP06H	8.62	70.69	72.46		72.50	0.000856	0.79	10.96	8.77	0.22
Cascina_valle	27.077	Max WS	TR200_TP08H	8.71	70.69	72.42		72.46	0.000949	0.82	10.61	8.61	0.24
Cascina_valle	27.077	Max WS	TR030_TP0.5H	9.41	70.69	72.26		72.31	0.001626	1.02	9.23	8.16	0.31
Cascina_valle	27.077	Max WS	TR030_TP01H	8.96	70.69	72.31		72.35	0.001298	0.93	9.66	8.28	0.27
Cascina_valle	27.077	Max WS	TR030_TP02H	8.81	70.69	72.36		72.40	0.001112	0.87	10.09	8.40	0.25
Cascina_valle	27.077	Max WS	TR030_TP03H	8.79	70.69	72.37		72.41	0.001095	0.87	10.13	8.41	0.25
Cascina_valle	27.077	Max WS	TR030_TP04H	8.83	70.69	72.36		72.40	0.001133	0.88	10.03	8.39	0.26
Cascina_valle	27.077	Max WS	TR030_TP06H	8.90	70.69	72.33		72.37	0.001237	0.91	9.78	8.31	0.27
Cascina_valle	27.077	Max WS	TR030_TP08H	9.06	70.69	72.30		72.34	0.001376	0.95	9.54	8.25	0.28
Cascina_valle	26.192	Max WS	TR200_TP03H	16.33	70.34	72.34		72.43	0.002248	1.33	12.24	8.69	0.36
Cascina_valle	26.192	Max WS	TR200_TP01H	15.71	70.34	72.24		72.34	0.002519	1.38	11.42	8.47	0.38
Cascina_valle	26.192	Max WS	TR200_TP02H	16.25	70.34	72.33		72.42	0.002262	1.34	12.17	8.67	0.36
Cascina_valle	26.192	Max WS	TR200_TP0.5H	15.02	70.34	72.15		72.25	0.002777	1.41	10.67	8.26	0.40
Cascina_valle	26.192	Max WS	TR200_TP04H	16.17	70.34	72.32		72.41	0.002293	1.34	12.06	8.64	0.36
Cascina_valle	26.192	Max WS	TR200_TP06H	15.87	70.34	72.27		72.36	0.002452	1.37	11.62	8.52	0.37
Cascina_valle	26.192	Max WS	TR200_TP08H	15.61	70.34	72.22		72.32	0.002607	1.39	11.23	8.42	0.38
Cascina_valle	26.192	Max WS	TR030_TP0.5H	14.20	70.34	72.05		72.16	0.003081	1.44	9.87	8.03	0.41
Cascina_valle	26.192	Max WS	TR030_TP01H	14.59	70.34	72.11		72.21	0.002905	1.42	10.28	8.15	0.40
Cascina_valle	26.192	Max WS	TR030_TP02H	15.08	70.34	72.16		72.26	0.002783	1.41	10.69	8.27	0.40
Cascina_valle	26.192	Max WS	TR030_TP03H	15.13	70.34	72.16		72.26	0.002774	1.41	10.73	8.28	0.40
Cascina_valle	26.192	Max WS	TR030_TP04H	15.04	70.34	72.15		72.25	0.002810	1.41	10.63	8.25	0.40
Cascina_valle	26.192	Max WS	TR030_TP06H	14.77	70.34	72.12		72.22	0.002900	1.42	10.37	8.18	0.40
Cascina_valle	26.192	Max WS	TR030_TP08H	14.49	70.34	72.09		72.19	0.002960	1.43	10.16	8.12	0.41
Cascina_valle	25.308	Max WS	TR200_TP03H	16.99	70.26	72.26		72.35	0.002068	1.29	13.17	9.47	0.35
Cascina_valle	25.308	Max WS	TR200_TP01H	16.27	70.26	72.16		72.25	0.002372	1.34	12.18	9.29	0.37
Cascina_valle	25.308	Max WS	TR200_TP02H	16.91	70.26	72.25		72.34	0.002084	1.29	13.09	9.45	0.35
Cascina_valle	25.308	Max WS	TR200_TP0.5H	15.48	70.26	72.06		72.15	0.002699	1.37	11.26	9.12	0.39
Cascina_valle	25.308	Max WS	TR200_TP04H	16.81	70.26	72.24		72.32	0.002117	1.30	12.96	9.43	0.35
Cascina_valle	25.308	Max WS	TR200_TP06H	16.44	70.26	72.18		72.27	0.002292	1.32	12.42	9.33	0.37
Cascina_valle	25.308	Max WS	TR200_TP08H	16.12	70.26	72.13		72.22	0.002468	1.35	11.95	9.24	0.38
Cascina_valle	25.308	Max WS	TR030_TP0.5H	14.46	70.26	71.95		72.05	0.003079	1.41	10.28	8.93	0.42
Cascina_valle	25.308	Max WS	TR030_TP01H	14.97	70.26	72.00		72.10	0.002860	1.39	10.79	9.03	0.41
Cascina_valle	25.308	Max WS	TR030_TP02H	15.52	70.26	72.06		72.15	0.002695	1.37	11.29	9.12	0.39
Cascina_valle	25.308	Max WS	TR030_TP03H	15.57	70.26	72.06		72.16	0.002678	1.37	11.34	9.13	0.39
Cascina_valle	25.308	Max WS	TR030_TP04H	15.46	70.26	72.05		72.15	0.002724	1.38	11.22	9.11	0.40
Cascina_valle	25.308	Max WS	TR030_TP06H	15.14	70.26	72.02		72.11	0.002837	1.39	10.91	9.05	0.40
Cascina_valle	25.308	Max WS	TR030_TP08H	14.82	70.26	71.99		72.09	0.002917	1.39	10.64	9.00	0.41
Cascina_valle	24.423	Max WS	TR200_TP03H	17.60	69.61	72.11		72.24	0.003456	1.59	11.07	7.65	0.42
Cascina_valle	24.423	Max WS	TR200_TP01H	16.82	69.61	71.99		72.13	0.003819	1.65	10.19	7.10	0.44
Cascina_valle	24.423	Max WS	TR200_TP02H	17.52	69.61	72.10		72.23	0.003476	1.59	11.00	7.60	0.42
Cascina_valle	24.423	Max WS	TR200_TP0.5H	15.94	69.61	71.88		72.03	0.003734	1.68	9.49	6.16	0.43
Cascina_valle	24.423	Max WS	TR200_TP04H	17.41	69.61	72.08		72.21	0.003518	1.60	10.88	7.53	0.42
Cascina_valle	24.423	Max WS	TR200_TP06H	17.01	69.61	72.02		72.15	0.003744	1.64	10		

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Cascina_valle	23.538	Max WS	TR200_TP03H	19.86	69.34	71.98		72.08	0.003431	1.41	14.08	13.01	0.43
Cascina_valle	23.538	Max WS	TR200_TP01H	18.05	69.34	71.89		71.99	0.003290	1.40	12.91	11.62	0.42
Cascina_valle	23.538	Max WS	TR200_TP02H	19.66	69.34	71.97		72.07	0.003415	1.41	13.98	12.92	0.43
Cascina_valle	23.538	Max WS	TR200_TP0.5H	16.42	69.34	71.80		71.90	0.002330	1.35	12.14	8.53	0.36
Cascina_valle	23.538	Max WS	TR200_TP04H	19.38	69.34	71.96		72.06	0.003395	1.40	13.83	12.79	0.43
Cascina_valle	23.538	Max WS	TR200_TP06H	18.43	69.34	71.91		72.01	0.003399	1.40	13.17	12.19	0.43
Cascina_valle	23.538	Max WS	TR200_TP08H	17.67	69.34	71.87		71.96	0.002589	1.39	12.69	9.30	0.38
Cascina_valle	23.538	Max WS	TR030_TP0.5H	14.92	69.34	71.70		71.79	0.002244	1.32	11.29	7.94	0.35
Cascina_valle	23.538	Max WS	TR030_TP01H	15.66	69.34	71.76		71.85	0.002275	1.33	11.76	8.32	0.36
Cascina_valle	23.538	Max WS	TR030_TP02H	16.46	69.34	71.81		71.90	0.002333	1.35	12.17	8.56	0.36
Cascina_valle	23.538	Max WS	TR030_TP03H	16.54	69.34	71.81		71.91	0.002347	1.35	12.21	8.61	0.36
Cascina_valle	23.538	Max WS	TR030_TP04H	16.34	69.34	71.80		71.89	0.002314	1.35	12.11	8.49	0.36
Cascina_valle	23.538	Max WS	TR030_TP06H	15.85	69.34	71.77		71.86	0.002292	1.34	11.86	8.38	0.36
Cascina_valle	23.538	Max WS	TR030_TP08H	15.40	69.34	71.75		71.83	0.002242	1.32	11.65	8.23	0.35
Cascina_valle	22.654	Max WS	TR200_TP03H	21.78	69.41	71.84		71.94	0.003789	1.38	15.82	17.00	0.46
Cascina_valle	22.654	Max WS	TR200_TP01H	19.15	69.41	71.77		71.86	0.003693	1.30	14.68	16.81	0.45
Cascina_valle	22.654	Max WS	TR200_TP02H	21.51	69.41	71.83		71.93	0.003768	1.37	15.72	16.98	0.45
Cascina_valle	22.654	Max WS	TR200_TP0.5H	16.95	69.41	71.70		71.78	0.003787	1.26	13.47	16.60	0.45
Cascina_valle	22.654	Max WS	TR200_TP04H	21.09	69.41	71.82		71.92	0.003739	1.36	15.56	16.95	0.45
Cascina_valle	22.654	Max WS	TR200_TP06H	19.70	69.41	71.79		71.88	0.003695	1.32	14.94	16.85	0.45
Cascina_valle	22.654	Max WS	TR200_TP08H	18.61	69.41	71.76		71.84	0.003698	1.29	14.41	16.76	0.44
Cascina_valle	22.654	Max WS	TR030_TP0.5H	15.17	69.41	71.58		71.67	0.004745	1.31	11.58	15.94	0.49
Cascina_valle	22.654	Max WS	TR030_TP01H	15.96	69.41	71.65		71.73	0.004040	1.26	12.69	16.45	0.46
Cascina_valle	22.654	Max WS	TR030_TP02H	17.01	69.41	71.70		71.78	0.003756	1.26	13.53	16.61	0.44
Cascina_valle	22.654	Max WS	TR030_TP03H	17.12	69.41	71.71		71.79	0.003745	1.26	13.60	16.62	0.44
Cascina_valle	22.654	Max WS	TR030_TP04H	16.85	69.41	71.70		71.78	0.003775	1.25	13.43	16.59	0.45
Cascina_valle	22.654	Max WS	TR030_TP06H	16.18	69.41	71.67		71.75	0.003936	1.25	12.91	16.51	0.45
Cascina_valle	22.654	Max WS	TR030_TP08H	15.65	69.41	71.64		71.72	0.004107	1.26	12.45	16.34	0.46
Cascina_valle	21.769	Max WS	TR200_TP03H	20.98	69.20	71.76		71.83	0.001986	1.18	17.84	14.70	0.34
Cascina_valle	21.769	Max WS	TR200_TP01H	18.37	69.20	71.70		71.76	0.001699	1.08	16.97	14.07	0.31
Cascina_valle	21.769	Max WS	TR200_TP02H	20.71	69.20	71.76		71.83	0.001952	1.17	17.77	14.65	0.34
Cascina_valle	21.769	Max WS	TR200_TP0.5H	16.32	69.20	71.63		71.68	0.001527	1.02	15.97	13.32	0.30
Cascina_valle	21.769	Max WS	TR200_TP04H	20.28	69.20	71.75		71.82	0.001899	1.15	17.66	14.57	0.33
Cascina_valle	21.769	Max WS	TR200_TP06H	18.86	69.20	71.72		71.78	0.001740	1.10	17.19	14.24	0.32
Cascina_valle	21.769	Max WS	TR200_TP08H	17.90	69.20	71.69		71.75	0.001659	1.07	16.74	13.91	0.31
Cascina_valle	21.769	Max WS	TR030_TP0.5H	15.27	69.20	71.50		71.56	0.001557	1.06	14.37	11.34	0.30
Cascina_valle	21.769	Max WS	TR030_TP01H	15.55	69.20	71.58		71.63	0.001538	1.02	15.28	12.90	0.30
Cascina_valle	21.769	Max WS	TR030_TP02H	16.49	69.20	71.63		71.69	0.001549	1.03	16.02	13.36	0.30
Cascina_valle	21.769	Max WS	TR030_TP03H	16.59	69.20	71.64		71.69	0.001555	1.03	16.08	13.40	0.30
Cascina_valle	21.769	Max WS	TR030_TP04H	16.34	69.20	71.63		71.68	0.001538	1.03	15.93	13.29	0.30
Cascina_valle	21.769	Max WS	TR030_TP06H	15.81	69.20	71.59		71.65	0.001539	1.02	15.49	13.01	0.30
Cascina_valle	21.769	Max WS	TR030_TP08H	15.45	69.20	71.56		71.61	0.001573	1.03	15.05	12.78	0.30
Cascina_valle	20.99		Lat Struct										
Cascina_valle	20.98		Lat Struct										
Cascina_valle	20.885	Max WS	TR200_TP03H	20.50	69.09	71.71		71.77	0.001788	1.13	18.21	14.97	0.33
Cascina_valle	20.885	Max WS	TR200_TP01H	18.44	69.09	71.65		71.70	0.001658	1.06	17.32	14.60	0.31
Cascina_valle	20.885	Max WS	TR200_TP02H	20.30	69.09	71.70		71.77	0.001775	1.12	18.13	14.95	0.32
Cascina_valle	20.885	Max WS	TR200_TP0.5H	16.61	69.09	71.57		71.63	0.001580	1.02	16.29	14.11	0.30
Cascina_valle	20.885	Max WS	TR200_TP04H	19.99	69.09	71.69		71.76	0.001755	1.11	18.02	14.92	0.32
Cascina_valle	20.885	Max WS	TR200_TP06H	18.89	69.09	71.66		71.72	0.001683	1.08	17.54	14.70	0.31
Cascina_valle	20.885	Max WS	TR200_TP08H	17.98	69.09	71.63		71.69	0.001629	1.05	17.10	14.50	0.31
Cascina_valle	20.885	Max WS	TR030_TP0.5H	15.57	69.09	71.44		71.50	0.001867	1.08	14.46	13.02	0.33
Cascina_valle	20.885	Max WS	TR030_TP01H	15.96	69.09	71.52		71.57	0.001663	1.03	15.51	13.75	0.31
Cascina_valle	20.885	Max WS	TR030_TP02H	16.78	69.09	71.58		71.63	0.001600	1.03	16.34	14.13	0.30
Cascina_valle	20.885	Max WS	TR030_TP03H	16.86	69.09	71.58		71.64	0.001598	1.03	16.41	14.17	0.30
Cascina_valle	20.885	Max WS	TR030_TP04H	16.64	69.09	71.57		71.63	0.001597	1.02	16.25	14.09	0.30
Cascina_valle	20.885	Max WS	TR030_TP06H	16.19	69.09	71.54		71.59	0.001642	1.03	15.75	13.86	0.31
Cascina_valle	20.885	Max WS	TR030_TP08H	15.84	69.09	71.50		71.56	0.001707	1.04	15.27	13.64	0.31
Cascina_valle	20	Max WS	TR200_TP03H	17.86	68.83	71.68		71.73	0.001208	0.97	18.40	13.51	0.27
Cascina_valle	20	Max WS	TR200_TP01H	16.29	68.83	71.62		71.66	0.001159	0.93	17.57	13.51	0.26
Cascina_valle	20	Max WS	TR200_TP02H	17.69	68.83	71.68		71.72	0.001198	0.96	18.34	13.51	0.26
Cascina_valle	20	Max WS	TR200_TP0.5H	15.32	68.83	71.54		71.58	0.001252	0.93	16.49	13.51	0.27
Cascina_valle	20	Max WS	TR200_TP04H	17.44	68.83	71.67		71.72	0.001186	0.96	18.23	13.51	0.26
Cascina_valle	20	Max WS	TR200_TP06H	16.58	68.83	71.64		71.68	0.001158	0.93	17.79	13.51	0.26
Cascina_valle	20	Max WS	TR200_TP08H	16.02	68.83	71.60		71.65	0.001169	0.92	17.34	13.51	0.26
Cascina_valle	20	Max WS	TR030_TP0.5H	15.21	68.83	71.38		71.44	0.001828	1.06	14.39	13.06	0.32
Cascina_valle	20	Max WS	TR030_TP01H	15.03	68.83	71.48		71.52	0.001425	0.96	15.62	13.51	0.29
Cascina_valle	20	Max WS	TR030_TP02H	15.43	68.83	71.54		71.59	0.001259	0.93	16.53	13.51	0.27
Cascina_valle	20	Max WS	TR030_TP03H	15.46	68.83	71.55		71.59	0.001246	0.93	16.61	13.51	0.27
Cascina_valle	20	Max WS	TR030_TP04H	15.38	68.83	71.54		71.58	0.001273	0.94	16.43	13.51	0.27
Cascina_valle	20	Max WS	TR030_TP06H	15.22	68.83	71.49		71.54	0.001388	0.96	15.88	13.51	0.28
Cascina_valle	20	Max WS	TR030_TP08H	15.09	68.83	71.45		71.50	0.001527	0.98	15.32	13.51	0.30
Cascina_valle	19.345	Max WS	TR200_TP03H	22.33	68.62	71.55		71.64	0.002132	1.31	17.01	11.93	0.35
Cascina_valle	19.345	Max WS	TR200_TP01H	20.95	68.62	71.49		71.57	0.002068	1.29	16.28	11.48	0.35
Cascina_valle	19.345	Max WS	TR200_TP02H	22.19	68.62	71.55		71.63	0.002123	1.31	16.95	11.89	0.35
Cascina_valle	19.345	Max WS	TR200_TP0.5H	20.28	68.62	71.39		71.48	0.002241	1.33	15.21	10.80	0.36
Cascina_valle	19.345	Max WS	TR200_TP04H	21.98	68.62	71.54		71.63	0.002107	1.30	16.86	11.84	0.35
Cascina_valle	19.345	Max WS	TR200_TP06H	21.18	68.62	71.51		71.59	0.002054	1.28	16.49	11.61	0.34
Cascina_valle	19.345	Max WS	TR200_TP08H	20.65	68.62	71.47		71.56	0.002060	1.28	16.09	11.36	0.34
Cascina_valle	19.345	Max WS	TR030_TP0.5H	18.71	68.62	71.23		71.33	0.002561	1.38	13.56	10.15	0.38
Cascina_valle	19.345	Max WS	TR030_TP01H	19.55	68.62	71.33		71.42	0.002317	1.35	14.50	10.37	0.36
Cascina_valle	19.345	Max WS	TR030_TP02H	20.32	68.62	71.40		71.49	0.002236	1.33	15.26	10.83	0.36
Cascina_valle	19.345	Max WS	TR030_TP03H	20.37	68.62	71.40		71.49	0.002225	1.33	15.33	10.88	0.36
Cascina_valle	19.345	Max WS	TR030_TP04H	20.24	68.62	71.39		71.48	0.002244	1.33	15.18	10.78	0.36
Cascina_valle	19.345	Max WS	TR030_TP06H	19.78	68.62	71.35		71.44	0.002289	1.34	14.71	10.46	0.36
Cascina_valle	19.345	Max WS	TR030_TP08H	19.36	68.62	71.30		71.40	0.002373	1.36	14.28	10.32	0.37
Cascina_valle	19.127*	Max WS	TR200_TP03H	27.17	68.55	71.46		71.57	0.002796	1.48	18.32	13.58	0.41
Cascina_valle	19.127*	Max WS	TR200_TP01H	26.28	68.55	71.37		71.49	0.003206	1.53	17.16	13.58	0.43
Cascina_valle	19.127*												

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Cascina_valle	19.127*	Max WS	TR200_TP08H	26.05	68.55	71.35		71.47	0.003290	1.54	16.92	13.58	0.44
Cascina_valle	19.127*	Max WS	TR030_TP0.5H	21.77	68.55	71.14		71.26	0.003376	1.53	14.23	11.74	0.44
Cascina_valle	19.127*	Max WS	TR030_TP01H	23.73	68.55	71.21		71.34	0.003538	1.57	15.07	12.37	0.46
Cascina_valle	19.127*	Max WS	TR030_TP02H	25.43	68.55	71.27		71.40	0.003611	1.61	15.79	12.69	0.46
Cascina_valle	19.127*	Max WS	TR030_TP03H	25.53	68.55	71.27		71.40	0.003596	1.61	15.87	12.74	0.46
Cascina_valle	19.127*	Max WS	TR030_TP04H	25.26	68.55	71.26		71.39	0.003607	1.61	15.71	12.65	0.46
Cascina_valle	19.127*	Max WS	TR030_TP06H	24.21	68.55	71.23		71.35	0.003556	1.58	15.28	12.46	0.46
Cascina_valle	19.127*	Max WS	TR030_TP08H	23.35	68.55	71.19		71.32	0.003568	1.57	14.83	12.27	0.46
Cascina_valle	18.908*	Max WS	TR200_TP03H	14.53	68.48	71.56		71.58	0.000412	0.63	23.04	14.41	0.16
Cascina_valle	18.908*	Max WS	TR200_TP01H	14.07	68.48	71.48		71.50	0.000453	0.64	21.88	14.41	0.17
Cascina_valle	18.908*	Max WS	TR200_TP02H	14.50	68.48	71.56		71.58	0.000415	0.63	22.95	14.41	0.16
Cascina_valle	18.908*	Max WS	TR200_TP0.5H	13.60	68.48	71.38		71.41	0.000520	0.66	20.47	14.41	0.18
Cascina_valle	18.908*	Max WS	TR200_TP04H	14.46	68.48	71.55		71.57	0.000421	0.63	22.80	14.41	0.16
Cascina_valle	18.908*	Max WS	TR200_TP06H	14.25	68.48	71.51		71.53	0.000443	0.64	22.22	14.41	0.16
Cascina_valle	18.908*	Max WS	TR200_TP08H	13.99	68.48	71.46		71.49	0.000464	0.65	21.63	14.41	0.17
Cascina_valle	18.908*	Max WS	TR030_TP0.5H	13.23	68.48	71.24		71.26	0.000674	0.72	18.39	14.12	0.20
Cascina_valle	18.908*	Max WS	TR030_TP01H	13.01	68.48	71.33		71.35	0.000539	0.66	19.66	14.41	0.18
Cascina_valle	18.908*	Max WS	TR030_TP02H	13.79	68.48	71.39		71.41	0.000531	0.67	20.51	14.41	0.18
Cascina_valle	18.908*	Max WS	TR030_TP03H	13.80	68.48	71.39		71.42	0.000525	0.67	20.60	14.41	0.18
Cascina_valle	18.908*	Max WS	TR030_TP04H	13.75	68.48	71.38		71.40	0.000537	0.67	20.41	14.41	0.18
Cascina_valle	18.908*	Max WS	TR030_TP06H	13.26	68.48	71.34		71.36	0.000543	0.67	19.87	14.41	0.18
Cascina_valle	18.908*	Max WS	TR030_TP08H	13.25	68.48	71.30		71.33	0.000592	0.69	19.27	14.34	0.19
Cascina_valle	18.690	Max WS	TR200_TP03H	45.40	68.41	70.93		71.27	0.009356	2.59	17.56	14.23	0.74
Cascina_valle	18.690	Max WS	TR200_TP01H	40.26	68.41	70.89		71.18	0.007999	2.36	17.08	14.17	0.69
Cascina_valle	18.690	Max WS	TR200_TP02H	45.17	68.41	70.92		71.26	0.009343	2.58	17.51	14.22	0.74
Cascina_valle	18.690	Max WS	TR200_TP0.5H	38.27	68.41	70.86		71.13	0.007812	2.30	16.65	14.12	0.68
Cascina_valle	18.690	Max WS	TR200_TP04H	44.81	68.41	70.92		71.25	0.009333	2.57	17.42	14.21	0.74
Cascina_valle	18.690	Max WS	TR200_TP06H	43.33	68.41	70.89		71.22	0.009289	2.54	17.07	14.17	0.74
Cascina_valle	18.690	Max WS	TR200_TP08H	41.81	68.41	70.87		71.19	0.009174	2.50	16.74	14.13	0.73
Cascina_valle	18.690	Max WS	TR030_TP0.5H	33.73	68.41	70.72		70.99	0.008162	2.29	14.70	12.88	0.69
Cascina_valle	18.690	Max WS	TR030_TP01H	36.49	68.41	70.80		71.08	0.008240	2.31	15.83	13.96	0.69
Cascina_valle	18.690	Max WS	TR030_TP02H	38.94	68.41	70.85		71.13	0.008387	2.37	16.45	14.09	0.70
Cascina_valle	18.690	Max WS	TR030_TP03H	39.17	68.41	70.85		71.14	0.008425	2.38	16.49	14.10	0.70
Cascina_valle	18.690	Max WS	TR030_TP04H	38.70	68.41	70.84		71.13	0.008396	2.36	16.38	14.09	0.70
Cascina_valle	18.690	Max WS	TR030_TP06H	36.93	68.41	70.83		71.09	0.008008	2.29	16.13	14.06	0.68
Cascina_valle	18.690	Max WS	TR030_TP08H	35.97	68.41	70.78		71.05	0.008371	2.32	15.48	13.61	0.70
Cascina_valle	18.034	Max WS	TR200_TP03H	42.96	68.16	70.69		71.04	0.007517	2.61	16.44	10.06	0.65
Cascina_valle	18.034	Max WS	TR200_TP01H	40.81	68.16	70.59		70.95	0.008163	2.65	15.41	9.98	0.68
Cascina_valle	18.034	Max WS	TR200_TP02H	42.79	68.16	70.68		71.03	0.007558	2.62	16.36	10.06	0.65
Cascina_valle	18.034	Max WS	TR200_TP0.5H	38.45	68.16	70.44		70.82	0.009365	2.76	13.92	9.42	0.73
Cascina_valle	18.034	Max WS	TR200_TP04H	42.52	68.16	70.67		71.02	0.007619	2.62	16.25	10.06	0.66
Cascina_valle	18.034	Max WS	TR200_TP06H	41.52	68.16	70.62		70.98	0.007994	2.64	15.74	10.06	0.67
Cascina_valle	18.034	Max WS	TR200_TP08H	40.47	68.16	70.57		70.93	0.008301	2.66	15.21	9.90	0.69
Cascina_valle	18.034	Max WS	TR030_TP0.5H	34.59	68.16	70.34		70.70	0.008940	2.65	13.03	9.07	0.71
Cascina_valle	18.034	Max WS	TR030_TP01H	36.41	68.16	70.41		70.77	0.008819	2.67	13.65	9.32	0.70
Cascina_valle	18.034	Max WS	TR030_TP02H	39.06	68.16	70.43		70.83	0.009812	2.82	13.84	9.39	0.74
Cascina_valle	18.034	Max WS	TR030_TP03H	39.19	68.16	70.44		70.84	0.009732	2.82	13.92	9.42	0.74
Cascina_valle	18.034	Max WS	TR030_TP04H	38.88	68.16	70.42		70.83	0.009838	2.82	13.77	9.36	0.74
Cascina_valle	18.034	Max WS	TR030_TP06H	37.37	68.16	70.42		70.80	0.009037	2.71	13.80	9.37	0.71
Cascina_valle	18.034	Max WS	TR030_TP08H	36.51	68.16	70.36		70.75	0.009611	2.76	13.22	9.15	0.73
Cascina_valle	17.379	Max WS	TR200_TP03H	41.36	67.91	70.64		70.81	0.003677	1.86	22.23	14.06	0.47
Cascina_valle	17.379	Max WS	TR200_TP01H	39.48	67.91	70.51		70.70	0.004336	1.93	20.43	13.97	0.51
Cascina_valle	17.379	Max WS	TR200_TP02H	41.16	67.91	70.63		70.81	0.003699	1.86	22.12	14.05	0.47
Cascina_valle	17.379	Max WS	TR200_TP0.5H	34.38	67.91	70.41		70.58	0.004043	1.80	19.10	13.90	0.49
Cascina_valle	17.379	Max WS	TR200_TP04H	40.93	67.91	70.61		70.79	0.003759	1.87	21.91	14.04	0.48
Cascina_valle	17.379	Max WS	TR200_TP06H	40.07	67.91	70.55		70.74	0.004091	1.91	21.02	14.00	0.50
Cascina_valle	17.379	Max WS	TR200_TP08H	39.10	67.91	70.48		70.68	0.004472	1.95	20.10	13.95	0.52
Cascina_valle	17.379	Max WS	TR030_TP0.5H	29.15	67.91	70.33		70.46	0.003513	1.62	17.96	13.84	0.46
Cascina_valle	17.379	Max WS	TR030_TP01H	32.25	67.91	70.37		70.52	0.003956	1.75	18.45	13.87	0.48
Cascina_valle	17.379	Max WS	TR030_TP02H	34.58	67.91	70.41		70.58	0.004073	1.81	19.12	13.90	0.49
Cascina_valle	17.379	Max WS	TR030_TP03H	34.92	67.91	70.42		70.59	0.004116	1.82	19.18	13.90	0.50
Cascina_valle	17.379	Max WS	TR030_TP04H	34.28	67.91	70.41		70.58	0.004038	1.80	19.07	13.90	0.49
Cascina_valle	17.379	Max WS	TR030_TP06H	32.75	67.91	70.38		70.54	0.003934	1.75	18.67	13.88	0.48
Cascina_valle	17.379	Max WS	TR030_TP08H	31.52	67.91	70.35		70.51	0.003879	1.72	18.30	13.86	0.48
Cascina_valle	16.724	Max WS	TR200_TP03H	33.28	68.14	70.53		70.74	0.005391	2.04	16.34	12.08	0.56
Cascina_valle	16.724	Max WS	TR200_TP01H	31.12	68.14	70.36		70.60	0.007110	2.18	14.30	12.08	0.64
Cascina_valle	16.724	Max WS	TR200_TP02H	33.15	68.14	70.52		70.73	0.005491	2.05	16.20	12.08	0.56
Cascina_valle	16.724	Max WS	TR200_TP0.5H	27.04	68.14	69.99		70.36	0.014623	2.69	10.06	10.95	0.89
Cascina_valle	16.724	Max WS	TR200_TP04H	32.88	68.14	70.50		70.71	0.005614	2.06	16.00	12.08	0.57
Cascina_valle	16.724	Max WS	TR200_TP06H	31.84	68.14	70.42		70.65	0.006398	2.12	15.02	12.08	0.61
Cascina_valle	16.724	Max WS	TR200_TP08H	30.72	68.14	70.32		70.57	0.007749	2.23	13.80	12.08	0.67
Cascina_valle	16.724	Max WS	TR030_TP0.5H	25.55	68.14	69.92		70.31	0.015973	2.76	9.25	10.27	0.93
Cascina_valle	16.724	Max WS	TR030_TP01H	26.49	68.14	69.95		70.34	0.015610	2.75	9.63	10.59	0.92
Cascina_valle	16.724	Max WS	TR030_TP02H	26.78	68.14	69.96		70.35	0.015541	2.75	9.73	10.68	0.92
Cascina_valle	16.724	Max WS	TR030_TP03H	27.44	68.14	69.97		70.37	0.015874	2.79	9.84	10.77	0.93
Cascina_valle	16.724	Max WS	TR030_TP04H	27.09	68.14	69.95	69.90	70.36	0.016553	2.83	9.57	10.55	0.95
Cascina_valle	16.724	Max WS	TR030_TP06H	26.55	68.14	69.97		70.35	0.014891	2.70	9.84	10.77	0.90
Cascina_valle	16.724	Max WS	TR030_TP08H	25.89	68.14	69.90	69.83	70.32	0.017102	2.85	9.08	10.13	0.96
Cascina_valle	16.069	Max WS	TR200_TP03H	23.11	67.58	70.61		70.66	0.000827	1.05	22.04	9.01	0.21
Cascina_valle	16.069	Max WS	TR200_TP01H	21.49	67.58	70.43		70.49	0.000881	1.05	20.47	9.01	0.22
Cascina_valle	16.069	Max WS	TR200_TP02H	22.52	67.58	70.60		70.65	0.000792	1.03	21.96	9.01	0.21
Cascina_valle	16.069	Max WS	TR200_TP0.5H	20.85	67.58	69.88		69.98	0.001824	1.34	15.54	8.94	0.32
Cascina_valle	16.069	Max WS	TR200_TP04H	22.48	67.58	70.58		70.63	0.000806	1.03	21.80	9.01	0.21
Cascina_valle	16.069	Max WS	TR200_TP06H	21.90	67.58	70.50		70.55	0.000846	1.04	21.04	9.01	0.22
Cascina_valle	16.069	Max WS	TR200_TP08H	21.13	67.58	70.39		70.45	0.000899	1.05	20.08	9.01	0.23
Cascina_valle	16.069	Max WS	TR030_TP0.5H	21.05	67.58	69.60		69.73	0.003046	1.62	13.02	8.48	0.42
Cascina_valle	16.069	Max WS	TR030_TP01H	20.15	67.58	69.66		69.78	0.002470	1.48	13.60	8	

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Cascina_valle	15.414	Max WS	TR200_TP02H	27.01	67.33	70.48		70.58	0.001580	1.39	19.48	8.18	0.29
Cascina_valle	15.414	Max WS	TR200_TP05H	17.64	67.33	69.87		69.94	0.001581	1.22	14.43	8.18	0.29
Cascina_valle	15.414	Max WS	TR200_TP04H	26.90	67.33	70.46		70.56	0.001605	1.39	19.31	8.18	0.29
Cascina_valle	15.414	Max WS	TR200_TP06H	26.38	67.33	70.37		70.47	0.001723	1.42	18.57	8.18	0.30
Cascina_valle	15.414	Max WS	TR200_TP08H	24.95	67.33	70.27		70.37	0.001753	1.41	17.74	8.18	0.31
Cascina_valle	15.414	Max WS	TR030_TP05H	20.49	67.33	69.38		69.58	0.005230	1.95	10.49	7.81	0.54
Cascina_valle	15.414	Max WS	TR030_TP01H	18.59	67.33	69.58		69.70	0.002936	1.54	12.10	8.18	0.40
Cascina_valle	15.414	Max WS	TR030_TP02H	17.69	67.33	69.88		69.95	0.001563	1.22	14.52	8.18	0.29
Cascina_valle	15.414	Max WS	TR030_TP03H	18.65	67.33	69.90		69.99	0.001662	1.27	14.74	8.18	0.30
Cascina_valle	15.414	Max WS	TR030_TP04H	17.55	67.33	69.85		69.93	0.001604	1.23	14.31	8.18	0.30
Cascina_valle	15.414	Max WS	TR030_TP06H	17.91	67.33	69.67		69.77	0.002297	1.40	12.82	8.18	0.36
Cascina_valle	15.414	Max WS	TR030_TP08H	19.28	67.33	69.51		69.65	0.003660	1.68	11.50	8.18	0.45
Cascina_valle	14.759	Max WS	TR200_TP03H	-12.39	67.34	70.58		70.59	0.000134	-0.44	28.20	12.03	0.09
Cascina_valle	14.759	Max WS	TR200_TP01H	-3.04	67.34	70.42		70.42	0.000010	-0.12	26.19	12.03	0.03
Cascina_valle	14.759	Max WS	TR200_TP02H	-10.41	67.34	70.57		70.58	0.000095	-0.37	28.08	12.03	0.08
Cascina_valle	14.759	Max WS	TR200_TP05H	15.95	67.34	69.87		69.90	0.000653	0.81	19.58	12.03	0.20
Cascina_valle	14.759	Max WS	TR200_TP04H	-9.70	67.34	70.56		70.56	0.000085	-0.35	27.89	12.03	0.07
Cascina_valle	14.759	Max WS	TR200_TP06H	-5.10	67.34	70.48		70.48	0.000026	-0.19	26.92	12.03	0.04
Cascina_valle	14.759	Max WS	TR200_TP08H	-1.77	67.34	70.37		70.37	0.000004	-0.07	25.70	12.03	0.02
Cascina_valle	14.759	Max WS	TR030_TP05H	20.85	67.34	69.25		69.39	0.003785	1.66	12.59	10.31	0.48
Cascina_valle	14.759	Max WS	TR030_TP01H	20.02	67.34	69.50		69.59	0.002073	1.31	15.30	11.33	0.36
Cascina_valle	14.759	Max WS	TR030_TP02H	15.69	67.34	69.88		69.91	0.000616	0.79	19.75	12.03	0.20
Cascina_valle	14.759	Max WS	TR030_TP03H	14.76	67.34	69.93		69.95	0.000502	0.73	20.30	12.03	0.18
Cascina_valle	14.759	Max WS	TR030_TP04H	16.59	67.34	69.84		69.88	0.000739	0.86	19.30	12.03	0.22
Cascina_valle	14.759	Max WS	TR030_TP06H	19.73	67.34	69.60		69.68	0.001649	1.20	16.45	11.63	0.32
Cascina_valle	14.759	Max WS	TR030_TP08H	20.20	67.34	69.42		69.52	0.002492	1.41	14.38	10.99	0.39
Cascina_valle	14.103	Max WS	TR200_TP03H	-45.36	66.86	70.42		70.54	0.001744	-1.55	29.18	12.03	0.32
Cascina_valle	14.103	Max WS	TR200_TP01H	-42.03	66.86	70.24		70.36	0.001885	-1.56	26.99	12.03	0.33
Cascina_valle	14.103	Max WS	TR200_TP02H	-45.28	66.86	70.40		70.53	0.001771	-1.56	29.00	12.03	0.32
Cascina_valle	14.103	Max WS	TR200_TP05H	-16.21	66.86	69.87		69.89	0.000478	-0.72	22.56	12.03	0.17
Cascina_valle	14.103	Max WS	TR200_TP04H	-44.94	66.86	70.38		70.51	0.001787	-1.56	28.76	12.03	0.32
Cascina_valle	14.103	Max WS	TR200_TP06H	-43.30	66.86	70.30		70.42	0.001851	-1.56	27.71	12.03	0.33
Cascina_valle	14.103	Max WS	TR200_TP08H	-41.09	66.86	70.20		70.32	0.001901	-1.55	26.50	12.03	0.33
Cascina_valle	14.103	Max WS	TR030_TP05H	10.44	66.86	69.33		69.36	0.000548	0.65	16.14	12.03	0.18
Cascina_valle	14.103	Max WS	TR030_TP01H	5.62	66.86	69.59		69.59	0.000094	0.29	19.18	12.03	0.07
Cascina_valle	14.103	Max WS	TR030_TP02H	-16.95	66.86	69.88		69.90	0.000516	-0.75	22.65	12.03	0.17
Cascina_valle	14.103	Max WS	TR030_TP03H	-20.23	66.86	69.90		69.94	0.000711	-0.88	22.91	12.03	0.20
Cascina_valle	14.103	Max WS	TR030_TP04H	-14.49	66.86	69.86		69.88	0.000389	-0.65	22.42	12.03	0.15
Cascina_valle	14.103	Max WS	TR030_TP06H	0.56	66.86	69.68		69.68	0.000001	0.03	20.36	12.03	0.01
Cascina_valle	14.103	Max WS	TR030_TP08H	7.44	66.86	69.50		69.51	0.000193	0.41	18.18	12.03	0.11
Cascina_valle	13.448	Max WS	TR200_TP03H	-34.33	66.52	70.58		70.62	0.000364	-0.83	41.24	12.65	0.15
Cascina_valle	13.448	Max WS	TR200_TP01H	-30.57	66.52	70.41		70.44	0.000338	-0.78	39.06	12.65	0.14
Cascina_valle	13.448	Max WS	TR200_TP02H	-33.37	66.52	70.57		70.61	0.000347	-0.81	41.12	12.65	0.14
Cascina_valle	13.448	Max WS	TR200_TP05H	-23.19	66.52	69.86		69.89	0.000342	-0.72	32.13	12.65	0.14
Cascina_valle	13.448	Max WS	TR200_TP04H	-32.98	66.52	70.56		70.59	0.000344	-0.81	40.91	12.65	0.14
Cascina_valle	13.448	Max WS	TR200_TP06H	-31.17	66.52	70.47		70.50	0.000331	-0.78	39.84	12.65	0.14
Cascina_valle	13.448	Max WS	TR200_TP08H	-30.25	66.52	70.37		70.40	0.000344	-0.79	38.51	12.65	0.14
Cascina_valle	13.448	Max WS	TR030_TP05H	3.39	66.52	69.35		69.35	0.000014	0.13	25.60	12.65	0.03
Cascina_valle	13.448	Max WS	TR030_TP01H	-2.41	66.52	69.59		69.59	0.000005	-0.08	28.67	12.65	0.02
Cascina_valle	13.448	Max WS	TR030_TP02H	-23.62	66.52	69.88		69.90	0.000350	-0.73	32.28	12.65	0.15
Cascina_valle	13.448	Max WS	TR030_TP03H	-24.47	66.52	69.92		69.95	0.000357	-0.75	32.84	12.65	0.15
Cascina_valle	13.448	Max WS	TR030_TP04H	-22.18	66.52	69.85		69.87	0.000319	-0.69	31.92	12.65	0.14
Cascina_valle	13.448	Max WS	TR030_TP06H	-8.85	66.52	69.68		69.68	0.000062	-0.30	29.76	12.65	0.06
Cascina_valle	13.448	Max WS	TR030_TP08H	-0.58	66.52	69.51		69.51	0.000000	-0.02	27.67	12.65	0.00
Cascina_valle	12.793	Max WS	TR200_TP03H	-51.46	66.35	70.52		70.62	0.001148	-1.38	37.26	13.27	0.26
Cascina_valle	12.793	Max WS	TR200_TP01H	-50.51	66.35	70.33		70.43	0.001360	-1.45	34.72	13.27	0.29
Cascina_valle	12.793	Max WS	TR200_TP02H	-51.94	66.35	70.50		70.60	0.001189	-1.40	37.05	13.27	0.27
Cascina_valle	12.793	Max WS	TR200_TP05H	-18.54	66.35	69.89		69.91	0.000314	-0.64	28.96	13.27	0.14
Cascina_valle	12.793	Max WS	TR200_TP04H	-51.88	66.35	70.48		70.58	0.001210	-1.41	36.80	13.27	0.27
Cascina_valle	12.793	Max WS	TR200_TP06H	-51.13	66.35	70.39		70.50	0.001298	-1.44	35.57	13.27	0.28
Cascina_valle	12.793	Max WS	TR200_TP08H	-49.72	66.35	70.28		70.39	0.001382	-1.46	34.16	13.27	0.29
Cascina_valle	12.793	Max WS	TR030_TP05H	23.75	66.35	69.18		69.26	0.001697	1.22	19.53	13.27	0.32
Cascina_valle	12.793	Max WS	TR030_TP01H	13.63	66.35	69.56		69.57	0.000280	0.56	24.50	13.27	0.13
Cascina_valle	12.793	Max WS	TR030_TP02H	-19.40	66.35	69.90		69.92	0.000338	-0.67	29.09	13.27	0.14
Cascina_valle	12.793	Max WS	TR030_TP03H	-22.66	66.35	69.94		69.97	0.000441	-0.77	29.55	13.27	0.16
Cascina_valle	12.793	Max WS	TR030_TP04H	-16.91	66.35	69.88		69.89	0.000267	-0.59	28.75	13.27	0.13
Cascina_valle	12.793	Max WS	TR030_TP06H	0.35	66.35	69.69		69.69	0.000000	0.01	26.25	13.27	0.00
Cascina_valle	12.793	Max WS	TR030_TP08H	22.02	66.35	69.40		69.45	0.000951	0.98	22.46	13.27	0.24
Cascina_valle	12.138	Max WS	TR200_TP03H	-67.86	66.06	70.40		70.65	0.002874	-2.21	30.71	9.21	0.39
Cascina_valle	12.138	Max WS	TR200_TP01H	-65.48	66.06	70.21		70.47	0.003132	-2.26	28.99	9.21	0.41
Cascina_valle	12.138	Max WS	TR200_TP02H	-67.67	66.06	70.38		70.63	0.002886	-2.21	30.60	9.21	0.39
Cascina_valle	12.138	Max WS	TR200_TP05H	-47.40	66.06	69.69		69.88	0.002719	-1.96	24.16	9.21	0.39
Cascina_valle	12.138	Max WS	TR200_TP04H	-67.22	66.06	70.37		70.62	0.002887	-2.21	30.45	9.21	0.39
Cascina_valle	12.138	Max WS	TR200_TP06H	-66.28	66.06	70.27		70.53	0.003036	-2.24	29.59	9.21	0.40
Cascina_valle	12.138	Max WS	TR200_TP08H	-64.94	66.06	70.16		70.43	0.003207	-2.27	28.57	9.21	0.41
Cascina_valle	12.138	Max WS	TR030_TP05H	22.27	66.06	69.15		69.22	0.001147	1.16	19.21	9.16	0.26
Cascina_valle	12.138	Max WS	TR030_TP01H	-5.91	66.06	69.52		69.52	0.000051	-0.26	22.64	9.21	0.05
Cascina_valle	12.138	Max WS	TR030_TP02H	-47.90	66.06	69.70		69.89	0.002747	-1.98	24.25	9.21	0.39
Cascina_valle	12.138	Max WS	TR030_TP03H	-49.72	66.06	69.73		69.94	0.002843	-2.02	24.61	9.21	0.39
Cascina_valle	12.138	Max WS	TR030_TP04H	-46.51	66.06	69.67		69.86	0.002666	-1.94	24.01	9.21	0.38
Cascina_valle	12.138	Max WS	TR030_TP06H	-36.99	66.06	69.51		69.64	0.002019	-1.64	22.51	9.21	0.34
Cascina_valle	12.138	Max WS	TR030_TP08H	-16.33	66.06	69.43		69.46	0.000431	-0.75	21.80	9.21	0.16
Cascina_valle	11.483	Max WS	TR200_TP03H	-91.81	65.91	70.43		70.60	0.001637	-1.83	50.20	15.39	0.32
Cascina_valle	11.483	Max WS	TR200_TP01H	-87.97	65.91	70.26		70.44	0.001761	-1.85	47.55	15.39	0.34
Cascina_valle	11.483	Max WS	TR200_TP02H	-90.54	65.91	70.42		70.59	0.001609	-1.81	50.02	15.39	0.32
Cascina_valle	11.483	Max WS	TR200_TP05H	-63.29	65.91	69.74		69.87	0.001580	-1.60	39.47	15.39	0.32
Cascina_valle	11.483	Max WS	TR200_TP04H	-90.18	65.91	70.41		70.58	0.001613	-1.81	49.84	15.39	0.32
Cascina_valle	11.483</												

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Cascina_valle	11.483	Max WS	TR030_TP08H	-10.61	65.91	69.36		69.37	0.000071	-0.31	33.72	15.36	0.07
Cascina_valle	10.828	Max WS	TR200_TP03H	-116.01	65.32	70.37		70.59	0.002064	-2.09	55.38	15.43	0.35
Cascina_valle	10.828	Max WS	TR200_TP01H	-113.94	65.32	70.18		70.42	0.002333	-2.17	52.44	15.43	0.38
Cascina_valle	10.828	Max WS	TR200_TP02H	-115.54	65.32	70.36		70.58	0.002065	-2.09	55.21	15.43	0.35
Cascina_valle	10.828	Max WS	TR200_TP0.5H	-85.88	65.32	69.66		69.85	0.002153	-1.93	44.46	15.43	0.36
Cascina_valle	10.828	Max WS	TR200_TP04H	-115.11	65.32	70.34		70.56	0.002080	-2.10	54.94	15.43	0.35
Cascina_valle	10.828	Max WS	TR200_TP06H	-114.97	65.32	70.24		70.48	0.002247	-2.15	53.45	15.43	0.37
Cascina_valle	10.828	Max WS	TR200_TP08H	-113.32	65.32	70.13		70.38	0.002403	-2.19	51.72	15.43	0.38
Cascina_valle	10.828	Max WS	TR030_TP0.5H	-20.20	65.32	69.16		69.17	0.000212	-0.55	36.66	15.43	0.11
Cascina_valle	10.828	Max WS	TR030_TP01H	-53.10	65.32	69.46		69.54	0.001020	-1.28	41.36	15.43	0.25
Cascina_valle	10.828	Max WS	TR030_TP02H	-86.84	65.32	69.67		69.86	0.002179	-1.95	44.62	15.43	0.37
Cascina_valle	10.828	Max WS	TR030_TP03H	-89.95	65.32	69.71		69.91	0.002253	-1.99	45.17	15.43	0.37
Cascina_valle	10.828	Max WS	TR030_TP04H	-84.31	65.32	69.65		69.83	0.002107	-1.91	44.23	15.43	0.36
Cascina_valle	10.828	Max WS	TR030_TP06H	-62.86	65.32	69.52		69.63	0.001345	-1.49	42.22	15.43	0.29
Cascina_valle	10.828	Max WS	TR030_TP08H	-45.85	65.32	69.38		69.44	0.000835	-1.14	40.09	15.43	0.23
Cascina_valle	10.5	Max WS	TR200_TP03H	112.95	65.41	70.08	68.37	70.51	0.002157	2.91	38.79	19.29	0.46
Cascina_valle	10.5	Max WS	TR200_TP01H	112.66	65.41	69.82	68.37	70.31	0.002662	3.10	36.36	19.29	0.50
Cascina_valle	10.5	Max WS	TR200_TP02H	112.93	65.41	70.06	68.38	70.49	0.002191	2.93	38.60	19.29	0.46
Cascina_valle	10.5	Max WS	TR200_TP0.5H	94.75	65.41	69.10	68.09	69.62	0.003707	3.19	29.68	19.29	0.57
Cascina_valle	10.5	Max WS	TR200_TP04H	112.90	65.41	70.04	68.37	70.48	0.002226	2.94	38.42	19.29	0.46
Cascina_valle	10.5	Max WS	TR200_TP06H	112.77	65.41	69.92	68.37	70.38	0.002454	3.02	37.28	19.29	0.48
Cascina_valle	10.5	Max WS	TR200_TP08H	112.58	65.41	69.75	68.37	70.25	0.002825	3.15	35.71	19.29	0.51
Cascina_valle	10.5	Max WS	TR030_TP0.5H	63.25	65.41	68.33	67.57	68.73	0.004131	2.81	22.54	19.02	0.58
Cascina_valle	10.5	Max WS	TR030_TP01H	79.08	65.41	68.70	67.85	69.17	0.004040	3.05	25.95	19.29	0.58
Cascina_valle	10.5	Max WS	TR030_TP02H	95.31	65.41	69.11	68.10	69.63	0.003687	3.20	29.83	19.29	0.57
Cascina_valle	10.5	Max WS	TR030_TP03H	97.21	65.41	69.17	68.13	69.69	0.003624	3.20	30.34	19.29	0.57
Cascina_valle	10.5	Max WS	TR030_TP04H	93.86	65.41	69.07	68.08	69.59	0.003737	3.19	29.44	19.29	0.57
Cascina_valle	10.5	Max WS	TR030_TP06H	83.54	65.41	68.80	67.92	69.29	0.003991	3.10	26.91	19.29	0.58
Cascina_valle	10.5	Max WS	TR030_TP08H	74.78	65.41	68.60	67.78	69.06	0.004043	2.98	25.09	19.29	0.58
Cascina_valle	10			Bridge									
Cascina_valle	9.5	Max WS	TR200_TP03H	112.94	65.41	68.44	68.37	69.61	0.011381	4.80	23.55	19.29	0.96
Cascina_valle	9.5	Max WS	TR200_TP01H	112.66	65.41	68.36	68.37	69.60	0.012621	4.94	22.80	19.10	1.01
Cascina_valle	9.5	Max WS	TR200_TP02H	112.92	65.41	68.44	68.37	69.61	0.011409	4.80	23.53	19.29	0.96
Cascina_valle	9.5	Max WS	TR200_TP0.5H	94.75	65.41	68.07	68.10	69.20	0.013632	4.72	20.08	18.28	1.03
Cascina_valle	9.5	Max WS	TR200_TP04H	112.89	65.41	68.43	68.37	69.61	0.011490	4.81	23.48	19.29	0.97
Cascina_valle	9.5	Max WS	TR200_TP06H	112.77	65.41	68.40	68.37	69.61	0.011992	4.87	23.16	19.22	0.99
Cascina_valle	9.5	Max WS	TR200_TP08H	112.58	65.41	68.32	68.37	69.60	0.013263	5.01	22.45	18.99	1.03
Cascina_valle	9.5	Max WS	TR030_TP0.5H	63.18	65.41	67.61	67.58	68.42	0.013247	3.98	15.88	16.56	0.97
Cascina_valle	9.5	Max WS	TR030_TP01H	79.07	65.41	67.89	67.84	68.83	0.012680	4.30	18.41	17.71	0.97
Cascina_valle	9.5	Max WS	TR030_TP02H	95.31	65.41	68.07	68.11	69.21	0.013678	4.73	20.13	18.28	1.03
Cascina_valle	9.5	Max WS	TR030_TP03H	97.21	65.41	68.09	68.14	69.26	0.013795	4.78	20.32	18.30	1.03
Cascina_valle	9.5	Max WS	TR030_TP04H	93.86	65.41	68.06	68.08	69.18	0.013573	4.69	19.99	18.26	1.02
Cascina_valle	9.5	Max WS	TR030_TP06H	83.54	65.41	67.94	67.92	68.93	0.012971	4.42	18.90	17.90	0.99
Cascina_valle	9.5	Max WS	TR030_TP08H	74.73	65.41	67.83	67.78	68.72	0.012393	4.17	17.92	17.49	0.96
Cascina_valle	9.49			Lat Struct									
Cascina_valle	9.48			Lat Struct									
Cascina_valle	9.1810	Max WS	TR200_TP03H	54.05	65.17	68.03		68.30	0.004879	2.34	23.09	12.45	0.55
Cascina_valle	9.1810	Max WS	TR200_TP01H	50.16	65.17	67.85		68.14	0.005232	2.40	20.91	11.59	0.57
Cascina_valle	9.1810	Max WS	TR200_TP02H	55.66	65.17	68.00		68.31	0.005353	2.44	22.83	12.45	0.57
Cascina_valle	9.1810	Max WS	TR200_TP0.5H	64.34	65.17	67.59		68.24	0.012924	3.58	17.99	10.97	0.89
Cascina_valle	9.1810	Max WS	TR200_TP04H	56.85	65.17	68.00		68.32	0.005614	2.49	22.79	12.45	0.59
Cascina_valle	9.1810	Max WS	TR200_TP06H	54.55	65.17	67.95		68.26	0.005674	2.47	22.09	12.45	0.59
Cascina_valle	9.1810	Max WS	TR200_TP08H	54.65	65.17	67.80		68.17	0.006649	2.69	20.33	11.37	0.64
Cascina_valle	9.1810	Max WS	TR030_TP0.5H	56.23	65.17	67.37	67.31	68.03	0.014746	3.59	15.66	10.69	0.95
Cascina_valle	9.1810	Max WS	TR030_TP01H	63.54	65.17	67.51		68.21	0.014375	3.70	17.19	10.88	0.94
Cascina_valle	9.1810	Max WS	TR030_TP02H	64.46	65.17	67.59		68.24	0.012901	3.58	18.03	10.98	0.89
Cascina_valle	9.1810	Max WS	TR030_TP03H	64.79	65.17	67.60		68.25	0.012759	3.57	18.16	10.99	0.89
Cascina_valle	9.1810	Max WS	TR030_TP04H	64.10	65.17	67.58		68.23	0.012952	3.57	17.93	10.97	0.89
Cascina_valle	9.1810	Max WS	TR030_TP06H	64.92	65.17	67.54		68.24	0.014225	3.71	17.51	10.91	0.93
Cascina_valle	9.1810	Max WS	TR030_TP08H	61.45	65.17	67.47	67.40	68.16	0.014515	3.67	16.74	10.82	0.94
Cascina_valle	8.862	Max WS	TR200_TP03H	60.15	64.79	67.95		68.21	0.004831	2.25	26.68	15.53	0.55
Cascina_valle	8.862	Max WS	TR200_TP01H	51.63	64.79	67.74		67.99	0.004925	2.20	23.46	14.58	0.55
Cascina_valle	8.862	Max WS	TR200_TP02H	55.46	64.79	67.93		68.15	0.004250	2.10	26.39	15.53	0.51
Cascina_valle	8.862	Max WS	TR200_TP0.5H	59.81	64.79	67.55		67.97	0.008281	2.86	20.94	12.97	0.72
Cascina_valle	8.862	Max WS	TR200_TP04H	59.09	64.79	67.91		68.17	0.005005	2.27	26.07	15.53	0.56
Cascina_valle	8.862	Max WS	TR200_TP06H	54.90	64.79	67.85		68.09	0.004782	2.18	25.23	15.53	0.55
Cascina_valle	8.862	Max WS	TR200_TP08H	54.19	64.79	67.71		67.99	0.005485	2.35	23.06	14.03	0.59
Cascina_valle	8.862	Max WS	TR030_TP0.5H	49.58	64.79	67.31		67.70	0.009210	2.78	17.84	12.73	0.75
Cascina_valle	8.862	Max WS	TR030_TP01H	56.65	64.79	67.45		67.88	0.008994	2.88	19.64	12.87	0.75
Cascina_valle	8.862	Max WS	TR030_TP02H	59.94	64.79	67.56		67.97	0.008266	2.86	20.98	12.97	0.72
Cascina_valle	8.862	Max WS	TR030_TP03H	60.34	64.79	67.57		67.98	0.008188	2.85	21.15	12.98	0.71
Cascina_valle	8.862	Max WS	TR030_TP04H	59.57	64.79	67.55		67.96	0.008308	2.86	20.86	12.96	0.72
Cascina_valle	8.862	Max WS	TR030_TP06H	57.90	64.79	67.48		67.91	0.008925	2.90	19.99	12.89	0.74
Cascina_valle	8.862	Max WS	TR030_TP08H	54.85	64.79	67.42		67.83	0.009012	2.85	19.21	12.84	0.75
Cascina_valle	8.5345*	Max WS	TR200_TP03H	59.71	64.70	67.84		68.09	0.004247	2.21	27.04	14.98	0.52
Cascina_valle	8.5345*	Max WS	TR200_TP01H	52.60	64.70	67.65		67.89	0.004495	2.17	24.23	14.52	0.54
Cascina_valle	8.5345*	Max WS	TR200_TP02H	56.72	64.70	67.82		68.05	0.003970	2.12	26.73	14.97	0.51
Cascina_valle	8.5345*	Max WS	TR200_TP0.5H	58.22	64.70	67.47		67.84	0.007644	2.70	21.58	14.04	0.70
Cascina_valle	8.5345*	Max WS	TR200_TP04H	57.37	64.70	67.81		68.05	0.004159	2.17	26.50	14.93	0.52
Cascina_valle	8.5345*	Max WS	TR200_TP06H	54.47	64.70	67.75		67.98	0.004142	2.13	25.57	14.76	0.52
Cascina_valle	8.5345*	Max WS	TR200_TP08H	54.64	64.70	67.63		67.89	0.005093	2.29	23.81	14.44	0.57
Cascina_valle	8.5345*	Max WS	TR030_TP0.5H	47.45	64.70	67.23		67.57	0.007987	2.59	18.34	13.30	0.70
Cascina_valle	8.5345*	Max WS	TR030_TP01H	54.40	64.70	67.36		67.74	0.008124	2.71	20.10	13.70	0.71
Cascina_valle	8.5345*	Max WS	TR030_TP02H	58.36	64.70	67.47		67.84	0.007634	2.70	21.63	14.05	0.69
Cascina_valle	8.5345*	Max WS	TR030_TP03H	58.81	64.70	67.48		67.86	0.007579	2.70	21.80	14.08	0.69
Cascina_valle	8.5345*	Max WS	TR030_TP04H	57.99	64.70	67.46		67.83	0.007677	2.70	21.49	14.03	0.70
Cascina_valle	8.5345*	Max WS	TR030_TP06H	55.70	64.70	67.39		67.77	0.008086	2.72			

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Cascina_valle	8.207	Max WS	TR200_TP0.5H	56.03	64.60	67.43		67.73	0.005662	2.41	23.21	13.78	0.59
Cascina_valle	8.207	Max WS	TR200_TP04H	60.46	64.60	67.71		67.97	0.004179	2.23	27.12	14.18	0.51
Cascina_valle	8.207	Max WS	TR200_TP06H	56.90	64.60	67.66		67.90	0.003991	2.15	26.43	14.11	0.50
Cascina_valle	8.207	Max WS	TR200_TP08H	54.42	64.60	67.57		67.81	0.004253	2.17	25.08	13.97	0.52
Cascina_valle	8.207	Max WS	TR030_TP0.5H	43.53	64.60	67.25		67.48	0.004765	2.10	20.75	13.53	0.54
Cascina_valle	8.207	Max WS	TR030_TP01H	50.94	64.60	67.35		67.62	0.005415	2.31	22.10	13.67	0.58
Cascina_valle	8.207	Max WS	TR030_TP02H	56.20	64.60	67.44		67.73	0.005672	2.42	23.25	13.79	0.59
Cascina_valle	8.207	Max WS	TR030_TP03H	56.74	64.60	67.45		67.75	0.005685	2.43	23.38	13.80	0.60
Cascina_valle	8.207	Max WS	TR030_TP04H	55.73	64.60	67.43		67.72	0.005653	2.41	23.14	13.78	0.59
Cascina_valle	8.207	Max WS	TR030_TP06H	52.59	64.60	67.37		67.65	0.005551	2.35	22.39	13.70	0.59
Cascina_valle	8.207	Max WS	TR030_TP08H	49.00	64.60	67.33		67.59	0.005241	2.25	21.76	13.64	0.57
Cascina_valle	7.8795'	Max WS	TR200_TP03H	57.59	64.61	67.67		67.95	0.004816	2.36	24.43	12.96	0.55
Cascina_valle	7.8795'	Max WS	TR200_TP01H	49.51	64.61	67.53		67.77	0.004464	2.18	22.66	12.96	0.53
Cascina_valle	7.8795'	Max WS	TR200_TP02H	55.15	64.61	67.65		67.92	0.004520	2.28	24.24	12.96	0.53
Cascina_valle	7.8795'	Max WS	TR200_TP0.5H	49.74	64.61	67.42		67.70	0.005408	2.34	21.25	12.75	0.58
Cascina_valle	7.8795'	Max WS	TR200_TP04H	56.29	64.61	67.64		67.92	0.004779	2.33	24.12	12.96	0.55
Cascina_valle	7.8795'	Max WS	TR200_TP06H	53.89	64.61	67.59		67.86	0.004767	2.30	23.45	12.96	0.55
Cascina_valle	7.8795'	Max WS	TR200_TP08H	50.43	64.61	67.51		67.77	0.004803	2.25	22.38	12.94	0.55
Cascina_valle	7.8795'	Max WS	TR030_TP0.5H	39.21	64.61	67.22		67.44	0.004831	2.09	18.73	12.36	0.54
Cascina_valle	7.8795'	Max WS	TR030_TP01H	45.13	64.61	67.33		67.59	0.005159	2.24	20.17	12.57	0.56
Cascina_valle	7.8795'	Max WS	TR030_TP02H	49.90	64.61	67.42		67.70	0.005423	2.34	21.28	12.76	0.58
Cascina_valle	7.8795'	Max WS	TR030_TP03H	50.46	64.61	67.43		67.71	0.005469	2.36	21.38	12.77	0.58
Cascina_valle	7.8795'	Max WS	TR030_TP04H	49.44	64.61	67.42		67.69	0.005385	2.33	21.19	12.74	0.58
Cascina_valle	7.8795'	Max WS	TR030_TP06H	46.48	64.61	67.36		67.62	0.005222	2.27	20.51	12.62	0.57
Cascina_valle	7.8795'	Max WS	TR030_TP08H	43.54	64.61	67.30		67.55	0.005078	2.20	19.78	12.50	0.56
Cascina_valle	7.552	Max WS	TR200_TP03H	52.84	64.62	67.52		67.85	0.006540	2.58	20.47	11.49	0.62
Cascina_valle	7.552	Max WS	TR200_TP01H	47.74	64.62	67.35		67.69	0.007182	2.57	18.55	11.49	0.65
Cascina_valle	7.552	Max WS	TR200_TP02H	52.32	64.62	67.50		67.84	0.006543	2.57	20.33	11.49	0.62
Cascina_valle	7.552	Max WS	TR200_TP0.5H	47.25	64.62	67.18		67.59	0.009751	2.84	16.66	11.49	0.75
Cascina_valle	7.552	Max WS	TR200_TP04H	53.17	64.62	67.49		67.84	0.006964	2.64	20.13	11.49	0.64
Cascina_valle	7.552	Max WS	TR200_TP06H	50.69	64.62	67.41		67.77	0.007174	2.63	19.31	11.49	0.65
Cascina_valle	7.552	Max WS	TR200_TP08H	48.36	64.62	67.31		67.68	0.007859	2.66	18.16	11.49	0.68
Cascina_valle	7.552	Max WS	TR030_TP0.5H	37.68	64.62	67.00		67.34	0.008818	2.58	14.62	10.94	0.71
Cascina_valle	7.552	Max WS	TR030_TP01H	43.02	64.62	67.10		67.48	0.009387	2.74	15.70	11.13	0.74
Cascina_valle	7.552	Max WS	TR030_TP02H	47.39	64.62	67.19		67.60	0.009757	2.84	16.69	11.49	0.75
Cascina_valle	7.552	Max WS	TR030_TP03H	47.86	64.62	67.20		67.61	0.009738	2.85	16.80	11.49	0.75
Cascina_valle	7.552	Max WS	TR030_TP04H	47.00	64.62	67.18		67.59	0.009764	2.83	16.59	11.49	0.75
Cascina_valle	7.552	Max WS	TR030_TP06H	44.32	64.62	67.12		67.52	0.009657	2.78	15.94	11.31	0.75
Cascina_valle	7.552	Max WS	TR030_TP08H	41.58	64.62	67.07		67.45	0.009182	2.70	15.42	11.05	0.73
Cascina_valle	7.2245'	Max WS	TR200_TP03H	54.55	64.38	67.46		67.72	0.004392	2.25	24.28	12.76	0.52
Cascina_valle	7.2245'	Max WS	TR200_TP01H	48.70	64.38	67.30		67.55	0.004564	2.19	22.24	12.76	0.53
Cascina_valle	7.2245'	Max WS	TR200_TP02H	54.41	64.38	67.45		67.71	0.004472	2.26	24.10	12.76	0.52
Cascina_valle	7.2245'	Max WS	TR200_TP0.5H	47.39	64.38	67.14		67.42	0.005822	2.35	20.16	12.76	0.60
Cascina_valle	7.2245'	Max WS	TR200_TP04H	54.38	64.38	67.43		67.70	0.004565	2.27	23.92	12.76	0.53
Cascina_valle	7.2245'	Max WS	TR200_TP06H	52.13	64.38	67.36		67.63	0.004699	2.26	23.04	12.76	0.54
Cascina_valle	7.2245'	Max WS	TR200_TP08H	48.93	64.38	67.27		67.53	0.004847	2.24	21.87	12.76	0.55
Cascina_valle	7.2245'	Max WS	TR030_TP0.5H	38.11	64.38	66.95		67.18	0.005602	2.15	17.70	12.76	0.58
Cascina_valle	7.2245'	Max WS	TR030_TP01H	43.22	64.38	67.05		67.31	0.005782	2.27	19.02	12.76	0.59
Cascina_valle	7.2245'	Max WS	TR030_TP02H	47.52	64.38	67.14		67.42	0.005828	2.35	20.19	12.76	0.60
Cascina_valle	7.2245'	Max WS	TR030_TP03H	48.01	64.38	67.15		67.44	0.005827	2.36	20.32	12.76	0.60
Cascina_valle	7.2245'	Max WS	TR030_TP04H	47.11	64.38	67.13		67.41	0.005812	2.34	20.09	12.76	0.60
Cascina_valle	7.2245'	Max WS	TR030_TP06H	44.42	64.38	67.07		67.34	0.005812	2.30	19.33	12.76	0.60
Cascina_valle	7.2245'	Max WS	TR030_TP08H	41.78	64.38	67.02		67.28	0.005714	2.24	18.68	12.76	0.59
Cascina_valle	6.897	Max WS	TR200_TP03H	57.07	64.15	67.42		67.62	0.003175	2.00	28.55	14.03	0.45
Cascina_valle	6.897	Max WS	TR200_TP01H	51.05	64.15	67.25		67.44	0.003283	1.95	26.22	14.03	0.45
Cascina_valle	6.897	Max WS	TR200_TP02H	56.69	64.15	67.40		67.60	0.003202	2.00	28.34	14.03	0.45
Cascina_valle	6.897	Max WS	TR200_TP0.5H	48.87	64.15	67.09		67.30	0.003962	2.04	23.96	14.03	0.50
Cascina_valle	6.897	Max WS	TR200_TP04H	56.63	64.15	67.39		67.59	0.003266	2.01	28.13	14.03	0.45
Cascina_valle	6.897	Max WS	TR200_TP06H	54.39	64.15	67.31		67.52	0.003369	2.01	27.11	14.03	0.46
Cascina_valle	6.897	Max WS	TR200_TP08H	51.03	64.15	67.22		67.42	0.003431	1.98	25.84	14.03	0.46
Cascina_valle	6.897	Max WS	TR030_TP0.5H	39.67	64.15	66.89		67.07	0.003814	1.87	21.17	14.03	0.49
Cascina_valle	6.897	Max WS	TR030_TP01H	44.66	64.15	67.00		67.19	0.003919	1.97	22.67	14.03	0.49
Cascina_valle	6.897	Max WS	TR030_TP02H	49.01	64.15	67.09		67.30	0.003967	2.04	23.99	14.03	0.50
Cascina_valle	6.897	Max WS	TR030_TP03H	49.50	64.15	67.10		67.32	0.003968	2.05	24.15	14.03	0.50
Cascina_valle	6.897	Max WS	TR030_TP04H	48.58	64.15	67.08		67.29	0.003948	2.03	23.89	14.03	0.50
Cascina_valle	6.897	Max WS	TR030_TP06H	45.87	64.15	67.02		67.22	0.003935	1.99	23.03	14.03	0.50
Cascina_valle	6.897	Max WS	TR030_TP08H	43.26	64.15	66.97		67.16	0.003875	1.94	22.28	14.03	0.49
Cascina_valle	6.5690'	Max WS	TR200_TP03H	57.02	64.28	67.34		67.56	0.003437	2.08	27.41	13.52	0.47
Cascina_valle	6.5690'	Max WS	TR200_TP01H	50.77	64.28	67.18		67.39	0.003497	2.01	25.23	13.52	0.47
Cascina_valle	6.5690'	Max WS	TR200_TP02H	56.63	64.28	67.33		67.55	0.003465	2.08	27.21	13.52	0.47
Cascina_valle	6.5690'	Max WS	TR200_TP0.5H	47.68	64.28	67.03		67.24	0.003995	2.06	23.16	13.52	0.50
Cascina_valle	6.5690'	Max WS	TR200_TP04H	56.39	64.28	67.31		67.53	0.003510	2.09	27.02	13.52	0.47
Cascina_valle	6.5690'	Max WS	TR200_TP06H	54.01	64.28	67.24		67.46	0.003594	2.07	26.05	13.52	0.48
Cascina_valle	6.5690'	Max WS	TR200_TP08H	50.52	64.28	67.15		67.36	0.003609	2.03	24.88	13.52	0.48
Cascina_valle	6.5690'	Max WS	TR030_TP0.5H	38.40	64.28	66.84		67.02	0.003695	1.86	20.62	13.52	0.48
Cascina_valle	6.5690'	Max WS	TR030_TP01H	43.37	64.28	66.94		67.14	0.003873	1.97	21.99	13.52	0.49
Cascina_valle	6.5690'	Max WS	TR030_TP02H	47.81	64.28	67.03		67.25	0.004000	2.06	23.20	13.52	0.50
Cascina_valle	6.5690'	Max WS	TR030_TP03H	48.30	64.28	67.04		67.26	0.004006	2.07	23.34	13.52	0.50
Cascina_valle	6.5690'	Max WS	TR030_TP04H	47.40	64.28	67.02		67.24	0.003982	2.05	23.10	13.52	0.50
Cascina_valle	6.5690'	Max WS	TR030_TP06H	44.65	64.28	66.96		67.17	0.003923	2.00	22.32	13.52	0.50
Cascina_valle	6.5690'	Max WS	TR030_TP08H	42.01	64.28	66.91		67.11	0.003814	1.94	21.64	13.52	0.49
Cascina_valle	6.241	Max WS	TR200_TP03H	56.19	64.41	67.26		67.50	0.003939	2.17	25.87	13.01	0.49
Cascina_valle	6.241	Max WS	TR200_TP01H	49.90	64.41	67.10		67.33	0.003989	2.10	23.80	13.01	0.49
Cascina_valle	6.241	Max WS	TR200_TP02H	55.76	64.41	67.25		67.49	0.003962	2.17	25.69	13.01	0.49
Cascina_valle	6.241	Max WS	TR200_TP0.5H	46.24	64.41	66.96		67.18	0.004423	2.11	21.88	13.01	0.52
Cascina_valle	6.241	Max WS	TR200_TP04H	55.46	64.41	67.23		67.48	0.004009	2.18	25.49	13.01	0.50
Cascina_valle	6.241	Max WS	TR200_TP06H	53.07	64.41	67.16		67.40	0.004112	2.16	24.55	13.01	0.50
Cascina_valle													

HEC-RAS Profile: Max WS (Continued)

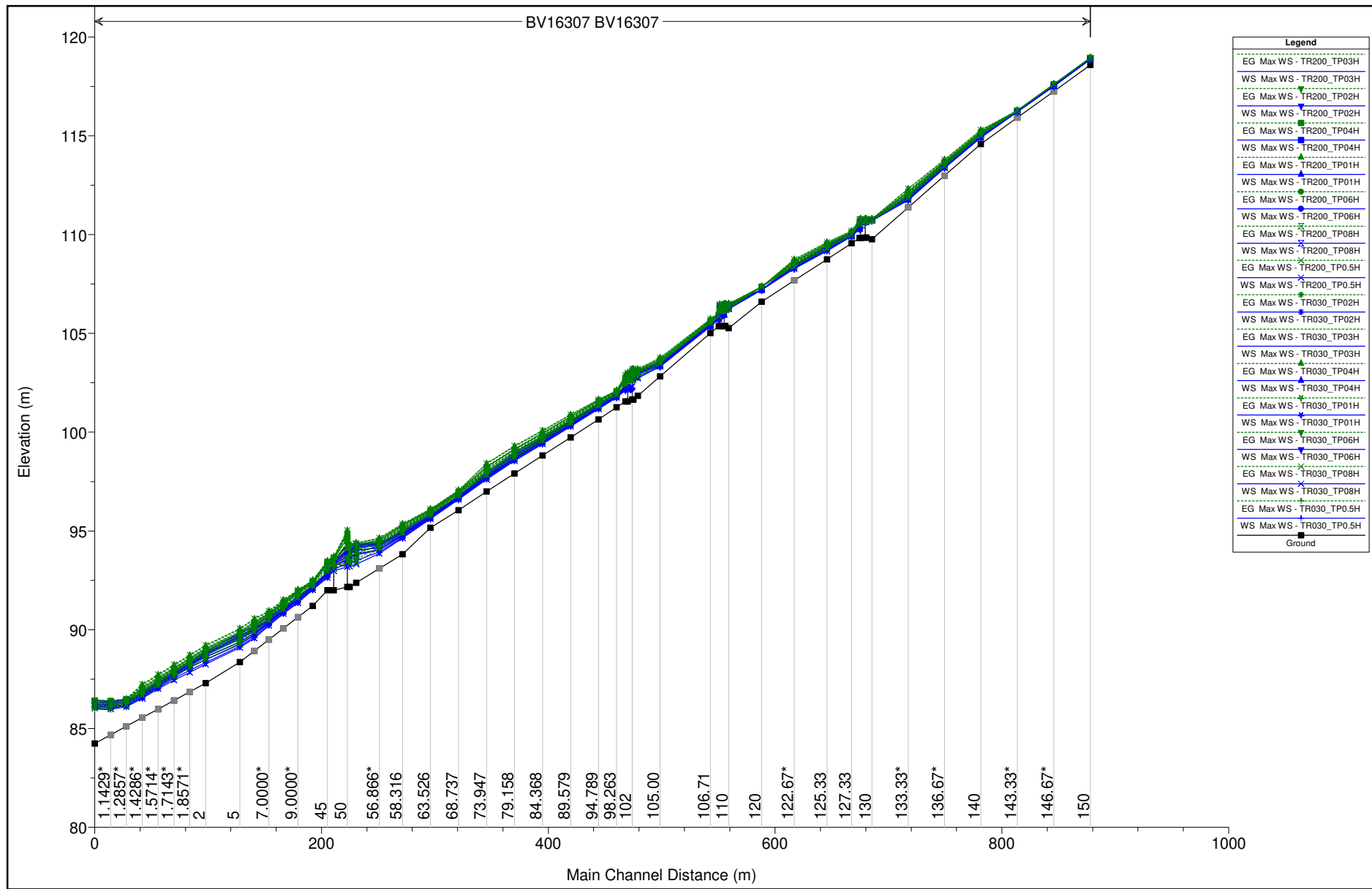
Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Cascina_valle	5.9135*	Max WS	TR200_TP03H	52.14	64.52	67.21		67.47	0.004422	2.23	23.34	12.22	0.52
Cascina_valle	5.9135*	Max WS	TR200_TP01H	46.02	64.52	67.06		67.29	0.004433	2.14	21.46	12.22	0.52
Cascina_valle	5.9135*	Max WS	TR200_TP02H	51.77	64.52	67.20		67.45	0.004459	2.23	23.17	12.22	0.52
Cascina_valle	5.9135*	Max WS	TR200_TP0.5H	42.06	64.52	66.92		67.15	0.004768	2.13	19.74	12.22	0.54
Cascina_valle	5.9135*	Max WS	TR200_TP04H	51.39	64.52	67.19		67.44	0.004482	2.23	23.02	12.22	0.52
Cascina_valle	5.9135*	Max WS	TR200_TP06H	48.89	64.52	67.12		67.36	0.004536	2.20	22.18	12.22	0.52
Cascina_valle	5.9135*	Max WS	TR200_TP08H	45.45	64.52	67.04		67.27	0.004477	2.14	21.22	12.22	0.52
Cascina_valle	5.9135*	Max WS	TR030_TP0.5H	33.51	64.52	66.74		66.93	0.004288	1.90	17.61	12.22	0.51
Cascina_valle	5.9135*	Max WS	TR030_TP01H	38.07	64.52	66.84		67.05	0.004565	2.03	18.76	12.22	0.52
Cascina_valle	5.9135*	Max WS	TR030_TP02H	42.18	64.52	66.92		67.15	0.004776	2.13	19.77	12.22	0.54
Cascina_valle	5.9135*	Max WS	TR030_TP03H	42.63	64.52	66.93		67.16	0.004785	2.14	19.90	12.22	0.54
Cascina_valle	5.9135*	Max WS	TR030_TP04H	41.80	64.52	66.91		67.14	0.004748	2.12	19.69	12.22	0.53
Cascina_valle	5.9135*	Max WS	TR030_TP06H	39.22	64.52	66.86		67.08	0.004626	2.06	19.04	12.22	0.53
Cascina_valle	5.9135*	Max WS	TR030_TP08H	36.83	64.52	66.81		67.02	0.004475	1.99	18.47	12.22	0.52
Cascina_valle	5.586	Max WS	TR200_TP03H	49.24	64.64	67.11		67.41	0.005774	2.42	20.34	11.42	0.58
Cascina_valle	5.586	Max WS	TR200_TP01H	43.27	64.64	66.96		67.23	0.005819	2.32	18.62	11.42	0.58
Cascina_valle	5.586	Max WS	TR200_TP02H	48.87	64.64	67.09		67.39	0.005834	2.42	20.17	11.42	0.58
Cascina_valle	5.586	Max WS	TR200_TP0.5H	39.14	64.64	66.82		67.09	0.006246	2.30	17.02	11.42	0.60
Cascina_valle	5.586	Max WS	TR200_TP04H	48.45	64.64	67.08		67.38	0.005841	2.42	20.05	11.42	0.58
Cascina_valle	5.586	Max WS	TR200_TP06H	45.95	64.64	67.02		67.31	0.005904	2.38	19.28	11.42	0.59
Cascina_valle	5.586	Max WS	TR200_TP08H	42.59	64.64	66.94		67.21	0.005808	2.31	18.44	11.42	0.58
Cascina_valle	5.586	Max WS	TR030_TP0.5H	31.31	64.64	66.64		66.87	0.005826	2.08	15.05	11.42	0.58
Cascina_valle	5.586	Max WS	TR030_TP01H	35.51	64.64	66.74		66.98	0.006117	2.21	16.08	11.42	0.59
Cascina_valle	5.586	Max WS	TR030_TP02H	39.25	64.64	66.82		67.09	0.006254	2.30	17.05	11.42	0.60
Cascina_valle	5.586	Max WS	TR030_TP03H	39.67	64.64	66.83		67.10	0.006246	2.31	17.17	11.42	0.60
Cascina_valle	5.586	Max WS	TR030_TP04H	38.89	64.64	66.81		67.08	0.006205	2.29	16.99	11.42	0.60
Cascina_valle	5.586	Max WS	TR030_TP06H	36.52	64.64	66.76		67.01	0.006121	2.23	16.38	11.42	0.59
Cascina_valle	5.586	Max WS	TR030_TP08H	34.36	64.64	66.71		66.95	0.006001	2.17	15.84	11.42	0.59
Cascina_valle	5.2585*	Max WS	TR200_TP03H	49.95	64.47	67.01		67.30	0.005706	2.40	20.80	12.08	0.58
Cascina_valle	5.2585*	Max WS	TR200_TP01H	43.66	64.47	66.86		67.13	0.005701	2.29	19.03	12.08	0.58
Cascina_valle	5.2585*	Max WS	TR200_TP02H	49.53	64.47	66.99		67.28	0.005763	2.40	20.61	12.08	0.59
Cascina_valle	5.2585*	Max WS	TR200_TP0.5H	39.09	64.47	66.72		66.98	0.006037	2.25	17.37	12.08	0.60
Cascina_valle	5.2585*	Max WS	TR200_TP04H	49.02	64.47	66.98		67.27	0.005736	2.39	20.51	12.08	0.59
Cascina_valle	5.2585*	Max WS	TR200_TP06H	46.23	64.47	66.92		67.20	0.005717	2.34	19.75	12.08	0.58
Cascina_valle	5.2585*	Max WS	TR200_TP08H	42.82	64.47	66.85		67.11	0.005598	2.27	18.90	12.08	0.58
Cascina_valle	5.2585*	Max WS	TR030_TP0.5H	31.42	64.47	66.55		66.76	0.005799	2.06	15.27	12.08	0.58
Cascina_valle	5.2585*	Max WS	TR030_TP01H	35.56	64.47	66.64		66.88	0.006034	2.18	16.33	12.08	0.60
Cascina_valle	5.2585*	Max WS	TR030_TP02H	39.20	64.47	66.72		66.98	0.006042	2.25	17.40	12.08	0.60
Cascina_valle	5.2585*	Max WS	TR030_TP03H	39.60	64.47	66.74		67.00	0.006014	2.26	17.54	12.08	0.60
Cascina_valle	5.2585*	Max WS	TR030_TP04H	38.84	64.47	66.72		66.98	0.005985	2.24	17.35	12.08	0.60
Cascina_valle	5.2585*	Max WS	TR030_TP06H	36.52	64.47	66.67		66.91	0.005962	2.19	16.68	12.08	0.59
Cascina_valle	5.2585*	Max WS	TR030_TP08H	34.44	64.47	66.62		66.85	0.005924	2.14	16.09	12.08	0.59
Cascina_valle	4.931	Max WS	TR200_TP03H	51.08	64.30	66.91		67.19	0.005323	2.34	21.86	12.74	0.57
Cascina_valle	4.931	Max WS	TR200_TP01H	44.76	64.30	66.76		67.02	0.005397	2.24	19.95	12.74	0.57
Cascina_valle	4.931	Max WS	TR200_TP02H	50.67	64.30	66.89		67.17	0.005407	2.34	21.63	12.74	0.57
Cascina_valle	4.931	Max WS	TR200_TP0.5H	40.04	64.30	66.61		66.86	0.005821	2.21	18.09	12.74	0.59
Cascina_valle	4.931	Max WS	TR200_TP04H	49.83	64.30	66.89		67.16	0.005281	2.31	21.56	12.74	0.57
Cascina_valle	4.931	Max WS	TR200_TP06H	47.12	64.30	66.83		67.09	0.005269	2.27	20.79	12.74	0.57
Cascina_valle	4.931	Max WS	TR200_TP08H	43.66	64.30	66.76		67.00	0.005150	2.19	19.93	12.74	0.56
Cascina_valle	4.931	Max WS	TR030_TP0.5H	32.71	64.30	66.42		66.64	0.006117	2.09	15.62	12.74	0.60
Cascina_valle	4.931	Max WS	TR030_TP01H	36.74	64.30	66.52		66.76	0.006126	2.18	16.83	12.74	0.61
Cascina_valle	4.931	Max WS	TR030_TP02H	40.15	64.30	66.62		66.87	0.005824	2.22	18.12	12.74	0.59
Cascina_valle	4.931	Max WS	TR030_TP03H	40.50	64.30	66.63		66.88	0.005745	2.21	18.31	12.74	0.59
Cascina_valle	4.931	Max WS	TR030_TP04H	39.75	64.30	66.62		66.86	0.005733	2.20	18.10	12.74	0.59
Cascina_valle	4.931	Max WS	TR030_TP06H	37.50	64.30	66.56		66.79	0.005818	2.16	17.34	12.74	0.59
Cascina_valle	4.931	Max WS	TR030_TP08H	35.55	64.30	66.50		66.73	0.005945	2.14	16.63	12.74	0.60
Cascina_valle	4.6035*	Max WS	TR200_TP03H	49.04	64.36	66.87		67.12	0.004636	2.19	22.35	13.05	0.54
Cascina_valle	4.6035*	Max WS	TR200_TP01H	42.44	64.36	66.73		66.95	0.004519	2.07	20.50	13.05	0.53
Cascina_valle	4.6035*	Max WS	TR200_TP02H	48.55	64.36	66.85		67.10	0.004680	2.19	22.13	13.05	0.54
Cascina_valle	4.6035*	Max WS	TR200_TP0.5H	37.25	64.36	66.59		66.79	0.004587	1.99	18.73	13.05	0.53
Cascina_valle	4.6035*	Max WS	TR200_TP04H	47.76	64.36	66.85		67.09	0.004569	2.16	22.07	13.05	0.53
Cascina_valle	4.6035*	Max WS	TR200_TP06H	44.93	64.36	66.79		67.02	0.004488	2.11	21.33	13.05	0.53
Cascina_valle	4.6035*	Max WS	TR200_TP08H	41.46	64.36	66.73		66.94	0.004325	2.02	20.48	13.05	0.52
Cascina_valle	4.6035*	Max WS	TR030_TP0.5H	29.62	64.36	66.41		66.58	0.004435	1.81	16.32	13.05	0.52
Cascina_valle	4.6035*	Max WS	TR030_TP01H	33.54	64.36	66.50		66.69	0.004531	1.91	17.57	13.05	0.53
Cascina_valle	4.6035*	Max WS	TR030_TP02H	37.35	64.36	66.59		66.80	0.004590	1.99	18.76	13.05	0.53
Cascina_valle	4.6035*	Max WS	TR030_TP03H	37.79	64.36	66.61		66.81	0.004571	2.00	18.93	13.05	0.53
Cascina_valle	4.6035*	Max WS	TR030_TP04H	37.04	64.36	66.59		66.79	0.004545	1.98	18.72	13.05	0.53
Cascina_valle	4.6035*	Max WS	TR030_TP06H	34.69	64.36	66.54		66.73	0.004508	1.93	17.99	13.05	0.52
Cascina_valle	4.6035*	Max WS	TR030_TP08H	32.66	64.36	66.48		66.66	0.004514	1.89	17.29	13.05	0.52
Cascina_valle	4.276	Max WS	TR200_TP03H	49.85	64.42	66.73		67.01	0.005818	2.35	21.17	13.37	0.60
Cascina_valle	4.276	Max WS	TR200_TP01H	43.51	64.42	66.57		66.84	0.006140	2.29	19.04	13.37	0.61
Cascina_valle	4.276	Max WS	TR200_TP02H	49.31	64.42	66.71		66.99	0.005958	2.36	20.86	13.37	0.60
Cascina_valle	4.276	Max WS	TR200_TP0.5H	38.39	64.42	66.41		66.68	0.006881	2.27	16.92	13.37	0.64
Cascina_valle	4.276	Max WS	TR200_TP04H	48.57	64.42	66.71		66.99	0.005718	2.32	20.93	13.37	0.59
Cascina_valle	4.276	Max WS	TR200_TP06H	45.40	64.42	66.66		66.92	0.005537	2.24	20.24	13.37	0.58
Cascina_valle	4.276	Max WS	TR200_TP08H	42.13	64.42	66.60		66.84	0.005421	2.17	19.41	13.37	0.58
Cascina_valle	4.276	Max WS	TR030_TP0.5H	31.29	64.42	66.12		66.41	0.010532	2.41	12.96	13.37	0.78
Cascina_valle	4.276	Max WS	TR030_TP01H	35.05	64.42	66.28		66.55	0.008106	2.31	15.14	13.37	0.69
Cascina_valle	4.276	Max WS	TR030_TP02H	38.48	64.42	66.42		66.68	0.006871	2.27	16.96	13.37	0.64
Cascina_valle	4.276	Max WS	TR030_TP03H	38.81	64.42	66.44		66.70	0.006606	2.25	17.27	13.37	0.63
Cascina_valle	4.276	Max WS	TR030_TP04H	38.03	64.42	66.42		66.68	0.006569	2.23	17.07	13.37	0.63
Cascina_valle	4.276	Max WS	TR030_TP06H	35.71	64.42	66.36		66.61	0.006788	2.20	16.22	13.37	0.64
Cascina_valle	4.276	Max WS	TR030_TP08H	33.78	64.42	66.29		66.54	0.007306	2.21	15.29	13.37	0.66
Cascina_valle	3.9485*	Max WS	TR200_TP03H	54.48	64.33	66.67		66.88	0.004063	2.04	26.69	16.27	0.51
Cascina_valle	3.9485*	Max WS	TR200_TP01H	47.79	64.33	66.50		66.70	0.004337	1.99	24.02	16.27	0.52
Cascina_valle	3.9485*	Max WS	TR200_TP02H	54.29	64.33	66.64		66.86	0.004258	2.07	26.23	16.27	0.52
Cascina_valle													

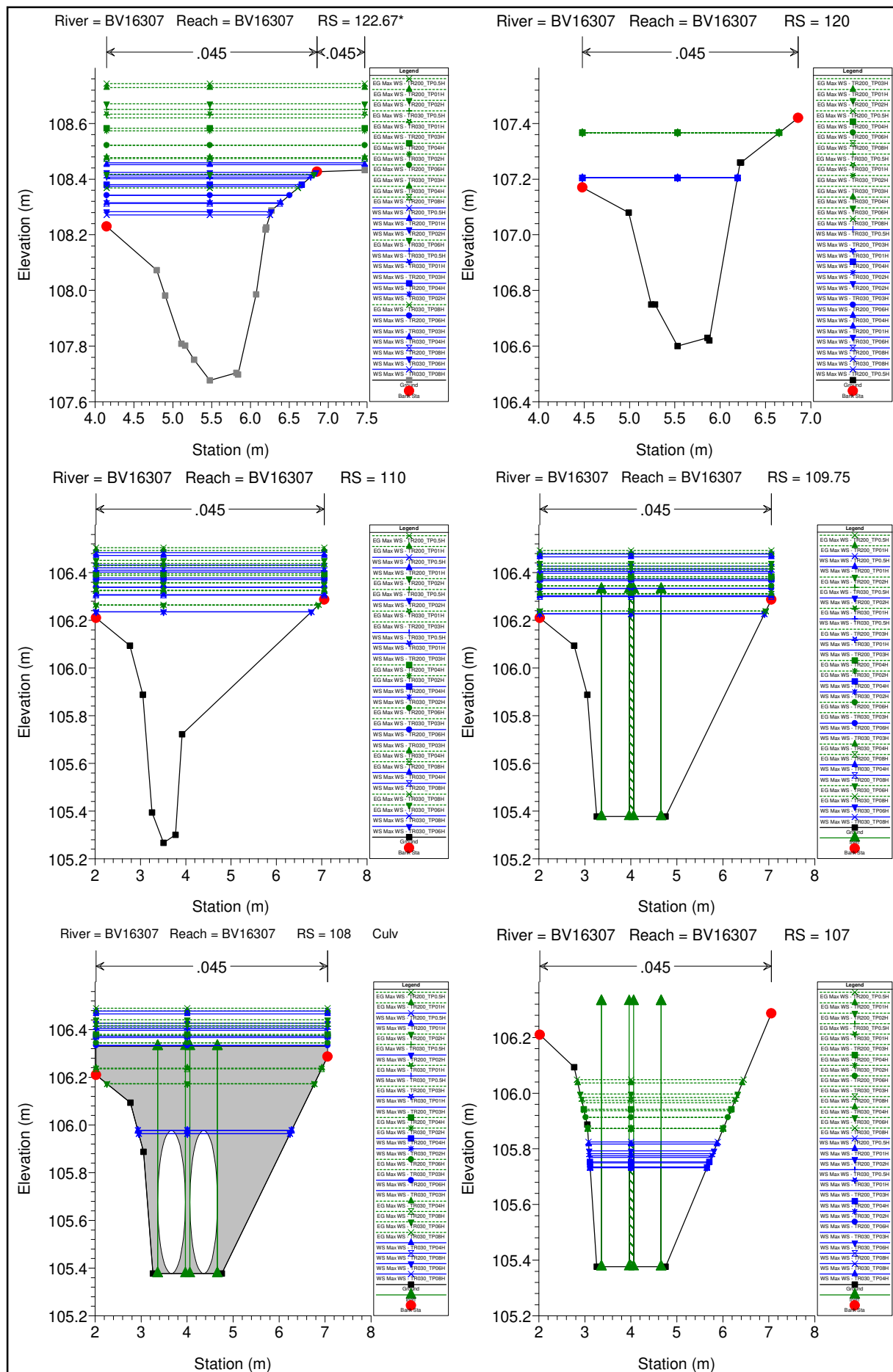
HEC-RAS Profile: Max WS (Continued)

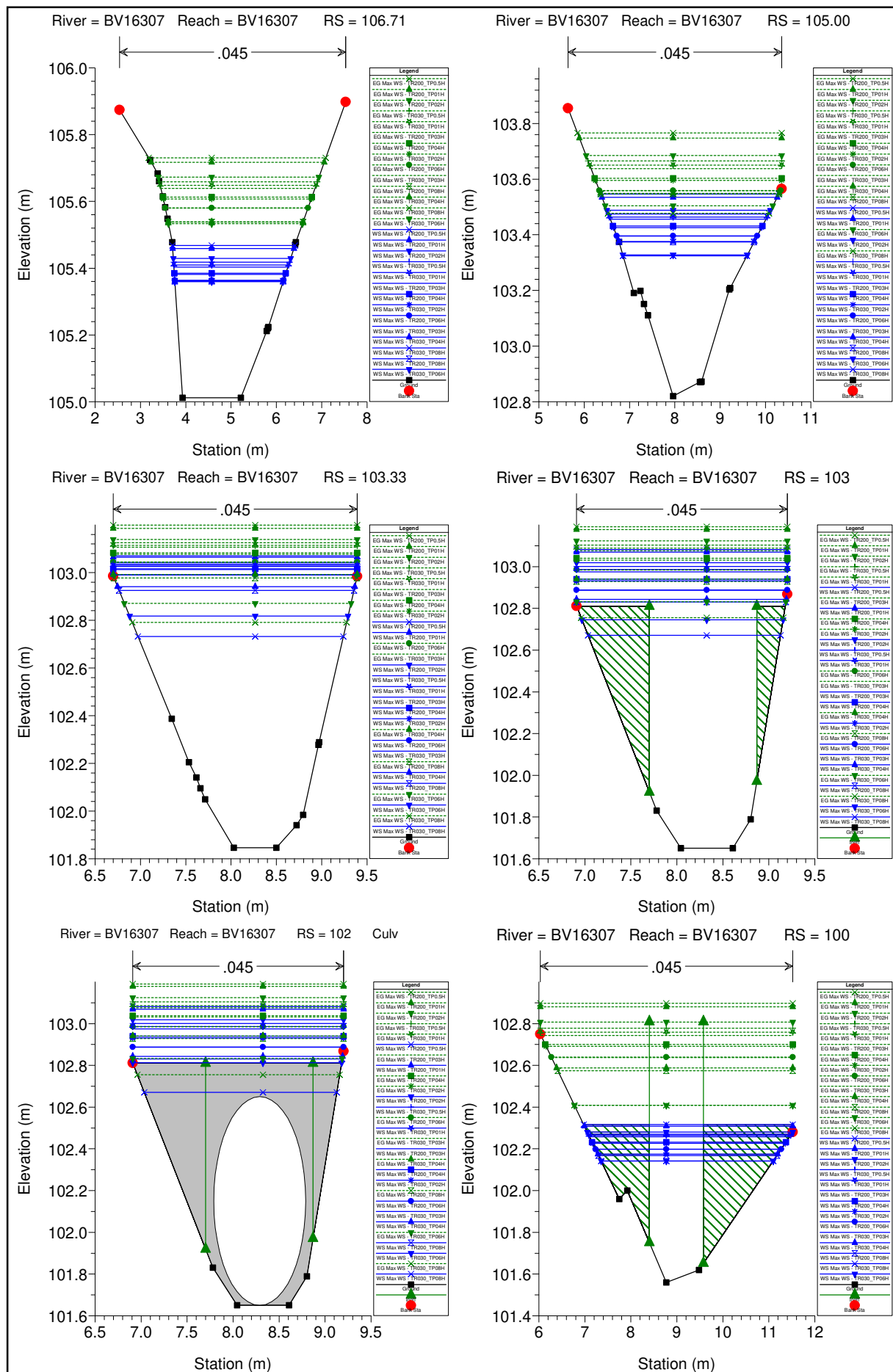
Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Cascina_valle	3.9485*	Max WS	TR030_TP03H	42.11	64.33	66.38		66.56	0.004433	1.91	22.00	16.27	0.53
Cascina_valle	3.9485*	Max WS	TR030_TP04H	41.19	64.33	66.37		66.55	0.004356	1.89	21.81	16.27	0.52
Cascina_valle	3.9485*	Max WS	TR030_TP06H	38.36	64.33	66.31		66.48	0.004327	1.84	20.89	16.27	0.52
Cascina_valle	3.9485*	Max WS	TR030_TP08H	35.76	64.33	66.25		66.41	0.004399	1.80	19.87	16.27	0.52
Cascina_valle	3.621	Max WS	TR200_TP03H	55.18	64.24	66.67		66.81	0.002341	1.63	33.92	19.18	0.39
Cascina_valle	3.621	Max WS	TR200_TP01H	47.09	64.24	66.52		66.64	0.002256	1.52	31.01	19.18	0.38
Cascina_valle	3.621	Max WS	TR200_TP02H	54.47	64.24	66.65		66.78	0.002374	1.63	33.48	19.18	0.39
Cascina_valle	3.621	Max WS	TR200_TP05H	40.83	64.24	66.37		66.47	0.002327	1.46	28.04	19.18	0.38
Cascina_valle	3.621	Max WS	TR200_TP04H	53.64	64.24	66.66		66.79	0.002270	1.59	33.63	19.18	0.38
Cascina_valle	3.621	Max WS	TR200_TP06H	49.99	64.24	66.61		66.73	0.002141	1.53	32.75	19.18	0.37
Cascina_valle	3.621	Max WS	TR200_TP08H	45.70	64.24	66.56		66.66	0.001978	1.44	31.72	19.18	0.36
Cascina_valle	3.621	Max WS	TR030_TP05H	32.53	64.24	66.06		66.17	0.003102	1.47	22.18	19.18	0.44
Cascina_valle	3.621	Max WS	TR030_TP01H	36.48	64.24	66.24		66.34	0.002480	1.43	25.58	19.18	0.39
Cascina_valle	3.621	Max WS	TR030_TP02H	40.93	64.24	66.37		66.48	0.002326	1.46	28.08	19.18	0.38
Cascina_valle	3.621	Max WS	TR030_TP03H	41.39	64.24	66.39		66.50	0.002256	1.45	28.56	19.18	0.38
Cascina_valle	3.621	Max WS	TR030_TP04H	40.52	64.24	66.38		66.48	0.002222	1.43	28.31	19.18	0.38
Cascina_valle	3.621	Max WS	TR030_TP06H	37.77	64.24	66.32		66.42	0.002199	1.39	27.16	19.18	0.37
Cascina_valle	3.621	Max WS	TR030_TP08H	35.30	64.24	66.25		66.35	0.002233	1.36	25.90	19.18	0.37
Cascina_valle	3.4027*	Max WS	TR200_TP03H	62.05	64.09	66.63		66.74	0.001885	1.49	41.72	23.84	0.36
Cascina_valle	3.4027*	Max WS	TR200_TP01H	56.30	64.09	66.45		66.56	0.002190	1.50	37.42	23.84	0.38
Cascina_valle	3.4027*	Max WS	TR200_TP02H	62.90	64.09	66.59		66.71	0.002078	1.54	40.80	23.84	0.38
Cascina_valle	3.4027*	Max WS	TR200_TP05H	50.16	64.09	66.28		66.39	0.002510	1.50	33.33	23.84	0.41
Cascina_valle	3.4027*	Max WS	TR200_TP04H	59.79	64.09	66.62		66.72	0.001792	1.44	41.41	23.84	0.35
Cascina_valle	3.4027*	Max WS	TR200_TP06H	55.62	64.09	66.57		66.67	0.001685	1.38	40.34	23.84	0.34
Cascina_valle	3.4027*	Max WS	TR200_TP08H	51.40	64.09	66.52		66.60	0.001598	1.32	39.02	23.84	0.33
Cascina_valle	3.4027*	Max WS	TR030_TP05H	41.17	64.09	65.92		66.06	0.004109	1.66	24.88	22.78	0.51
Cascina_valle	3.4027*	Max WS	TR030_TP01H	46.15	64.09	66.12		66.25	0.003084	1.56	29.66	23.84	0.45
Cascina_valle	3.4027*	Max WS	TR030_TP02H	50.21	64.09	66.28		66.40	0.002498	1.50	33.41	23.84	0.41
Cascina_valle	3.4027*	Max WS	TR030_TP03H	50.09	64.09	66.31		66.42	0.002304	1.46	34.21	23.84	0.39
Cascina_valle	3.4027*	Max WS	TR030_TP04H	49.15	64.09	66.30		66.41	0.002268	1.45	33.97	23.84	0.39
Cascina_valle	3.4027*	Max WS	TR030_TP06H	45.90	64.09	66.24		66.35	0.002266	1.41	32.55	23.84	0.39
Cascina_valle	3.4027*	Max WS	TR030_TP08H	43.30	64.09	66.18		66.28	0.002383	1.40	30.90	23.84	0.39
Cascina_valle	3.1843*	Max WS	TR200_TP03H	69.64	63.95	66.59		66.69	0.001659	1.41	49.33	28.34	0.34
Cascina_valle	3.1843*	Max WS	TR200_TP01H	62.77	63.95	66.41		66.51	0.001839	1.42	44.26	27.41	0.36
Cascina_valle	3.1843*	Max WS	TR200_TP02H	69.62	63.95	66.55		66.65	0.001765	1.44	48.18	28.02	0.35
Cascina_valle	3.1843*	Max WS	TR200_TP05H	55.47	63.95	66.24		66.34	0.001987	1.40	39.67	26.73	0.37
Cascina_valle	3.1843*	Max WS	TR200_TP04H	65.20	63.95	66.58		66.67	0.001470	1.33	49.12	28.25	0.32
Cascina_valle	3.1843*	Max WS	TR200_TP06H	61.71	63.95	66.54		66.63	0.001400	1.29	48.02	27.99	0.31
Cascina_valle	3.1843*	Max WS	TR200_TP08H	56.19	63.95	66.49		66.57	0.001262	1.20	46.66	27.77	0.30
Cascina_valle	3.1843*	Max WS	TR030_TP05H	44.84	63.95	65.87		65.98	0.002721	1.48	30.33	24.02	0.42
Cascina_valle	3.1843*	Max WS	TR030_TP01H	50.41	63.95	66.08		66.18	0.002227	1.42	35.60	25.76	0.38
Cascina_valle	3.1843*	Max WS	TR030_TP02H	55.49	63.95	66.24		66.34	0.001975	1.40	39.76	26.75	0.37
Cascina_valle	3.1843*	Max WS	TR030_TP03H	55.12	63.95	66.28		66.37	0.001808	1.35	40.79	26.91	0.35
Cascina_valle	3.1843*	Max WS	TR030_TP04H	53.91	63.95	66.27		66.36	0.001756	1.33	40.57	26.88	0.35
Cascina_valle	3.1843*	Max WS	TR030_TP06H	50.01	63.95	66.21		66.30	0.001683	1.28	39.09	26.59	0.34
Cascina_valle	3.1843*	Max WS	TR030_TP08H	46.82	63.95	66.15		66.23	0.001682	1.25	37.31	26.17	0.34
Cascina_valle	2.966	Max WS	TR200_TP03H	70.08	63.81	66.59		66.66	0.001051	1.19	58.81	30.84	0.28
Cascina_valle	2.966	Max WS	TR200_TP01H	63.22	63.81	66.40		66.48	0.001129	1.19	53.23	29.72	0.28
Cascina_valle	2.966	Max WS	TR200_TP02H	70.15	63.81	66.55		66.62	0.001121	1.22	57.50	30.58	0.28
Cascina_valle	2.966	Max WS	TR200_TP05H	55.85	63.81	66.23		66.30	0.001147	1.16	48.29	28.49	0.28
Cascina_valle	2.966	Max WS	TR200_TP04H	63.70	63.81	66.59		66.65	0.000869	1.08	58.79	30.83	0.25
Cascina_valle	2.966	Max WS	TR200_TP06H	55.56	63.81	66.56		66.60	0.000692	0.96	57.82	30.64	0.22
Cascina_valle	2.966	Max WS	TR200_TP08H	51.36	63.81	66.51		66.55	0.000634	0.91	56.41	30.36	0.21
Cascina_valle	2.966	Max WS	TR030_TP05H	45.75	63.81	65.86		65.94	0.001386	1.19	38.34	25.05	0.31
Cascina_valle	2.966	Max WS	TR030_TP01H	51.04	63.81	66.08		66.15	0.001230	1.16	43.91	27.18	0.29
Cascina_valle	2.966	Max WS	TR030_TP02H	55.79	63.81	66.24		66.31	0.001139	1.15	48.39	28.52	0.28
Cascina_valle	2.966	Max WS	TR030_TP03H	55.35	63.81	66.28		66.34	0.001058	1.12	49.54	28.96	0.27
Cascina_valle	2.966	Max WS	TR030_TP04H	53.64	63.81	66.27		66.33	0.001006	1.09	49.34	28.92	0.27
Cascina_valle	2.966	Max WS	TR030_TP06H	49.35	63.81	66.22		66.27	0.000919	1.03	47.82	28.35	0.25
Cascina_valle	2.966	Max WS	TR030_TP08H	45.80	63.81	66.15		66.20	0.000879	1.00	45.95	27.80	0.25
Cascina_valle	2.310	Max WS	TR200_TP03H	115.99	63.13	65.97		66.34	0.006887	2.68	43.35	27.71	0.68
Cascina_valle	2.310	Max WS	TR200_TP01H	101.34	63.13	65.85		66.18	0.006770	2.54	39.93	27.38	0.67
Cascina_valle	2.310	Max WS	TR200_TP02H	113.31	63.13	65.95		66.31	0.006884	2.65	42.70	27.65	0.68
Cascina_valle	2.310	Max WS	TR200_TP05H	88.24	63.13	65.73		66.02	0.006464	2.40	36.77	26.58	0.65
Cascina_valle	2.310	Max WS	TR200_TP04H	114.76	63.13	65.96		66.32	0.006868	2.66	43.09	27.68	0.68
Cascina_valle	2.310	Max WS	TR200_TP06H	110.56	63.13	65.93		66.28	0.006815	2.62	42.16	27.60	0.68
Cascina_valle	2.310	Max WS	TR200_TP08H	105.63	63.13	65.89		66.23	0.006737	2.57	41.08	27.49	0.67
Cascina_valle	2.310	Max WS	TR030_TP05H	67.48	63.13	65.43		65.69	0.005751	2.26	29.89	21.77	0.62
Cascina_valle	2.310	Max WS	TR030_TP01H	79.05	63.13	65.61		65.89	0.005783	2.34	33.84	23.41	0.62
Cascina_valle	2.310	Max WS	TR030_TP02H	88.42	63.13	65.73		66.03	0.006480	2.40	36.83	26.66	0.65
Cascina_valle	2.310	Max WS	TR030_TP03H	90.62	63.13	65.76		66.05	0.006614	2.42	37.42	27.14	0.66
Cascina_valle	2.310	Max WS	TR030_TP04H	89.72	63.13	65.75		66.04	0.006590	2.41	37.22	27.12	0.66
Cascina_valle	2.310	Max WS	TR030_TP06H	85.67	63.13	65.70		65.99	0.006046	2.38	36.07	25.14	0.63
Cascina_valle	2.310	Max WS	TR030_TP08H	81.43	63.13	65.65		65.93	0.005786	2.34	34.73	23.87	0.62
Cascina_valle	1.655	Max WS	TR200_TP03H	101.64	62.72	65.68		66.20	0.007265	3.18	31.99	14.61	0.69
Cascina_valle	1.655	Max WS	TR200_TP01H	90.37	62.72	65.57		66.02	0.006698	2.97	30.39	14.61	0.66
Cascina_valle	1.655	Max WS	TR200_TP02H	99.52	62.72	65.66		66.17	0.007134	3.14	31.73	14.61	0.68
Cascina_valle	1.655	Max WS	TR200_TP05H	80.61	62.72	65.46		65.86	0.006339	2.81	28.70	14.61	0.64
Cascina_valle	1.655	Max WS	TR200_TP04H	100.60	62.72	65.67		66.18	0.007199	3.16	31.87	14.61	0.68
Cascina_valle	1.655	Max WS	TR200_TP06H	97.49	62.72	65.64		66.13	0.007043	3.10	31.43	14.61	0.68
Cascina_valle	1.655	Max WS	TR200_TP08H	93.72	62.72	65.61		66.08	0.006824	3.03	30.94	14.61	0.66
Cascina_valle	1.655	Max WS	TR030_TP05H	64.38	62.72	65.11		65.49	0.007261	2.72	23.68	14.61	0.68
Cascina_valle	1.655	Max WS	TR030_TP01H	73.94	62.72	65.32		65.71	0.006606	2.76	26.74	14.61	0.65
Cascina_valle	1.655	Max WS	TR030_TP02H	80.76	62.72	65.46		65.86	0.006341	2.81	28.73	14.61	0.64
Cascina_valle	1.655	Max WS	TR030_TP03H	82.35	62.72	65.48		65.89	0.006379	2.84	29.04	14.61	0.64
Cascina_valle	1.655	Max WS	TR030_TP04H	81.70	62.72	65.47		65.88	0.006359	2.82	28.92	14.61	0.64
Cascina_valle	1.655	Max WS	TR030_TP06H	78.84	62.72	65.43		65.82	0.006340	2.79	28.28	14.61	0.64
Cascina_valle	1.655	Max WS											

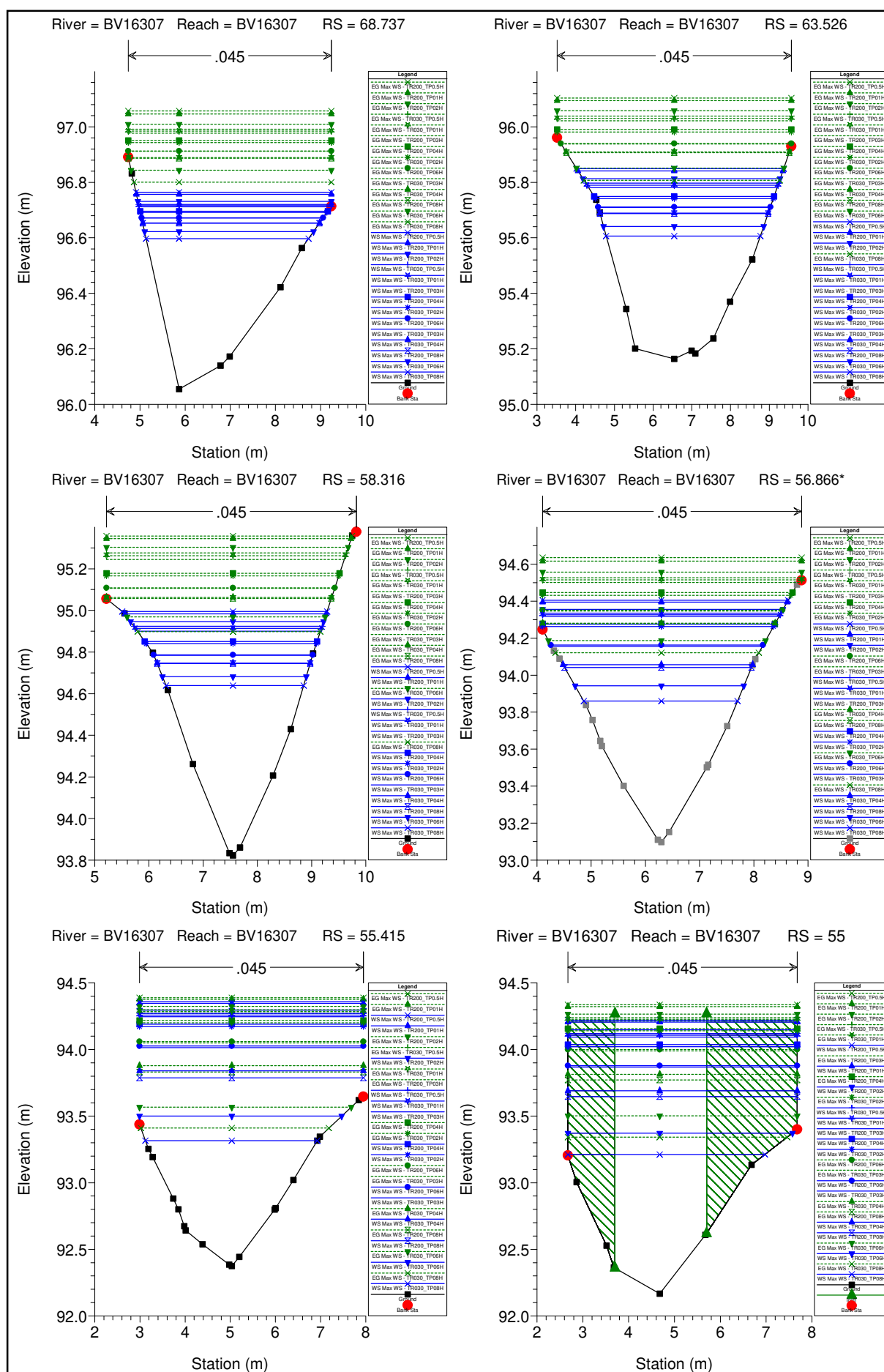
HEC-RAS Profile: Max WS (Continued)

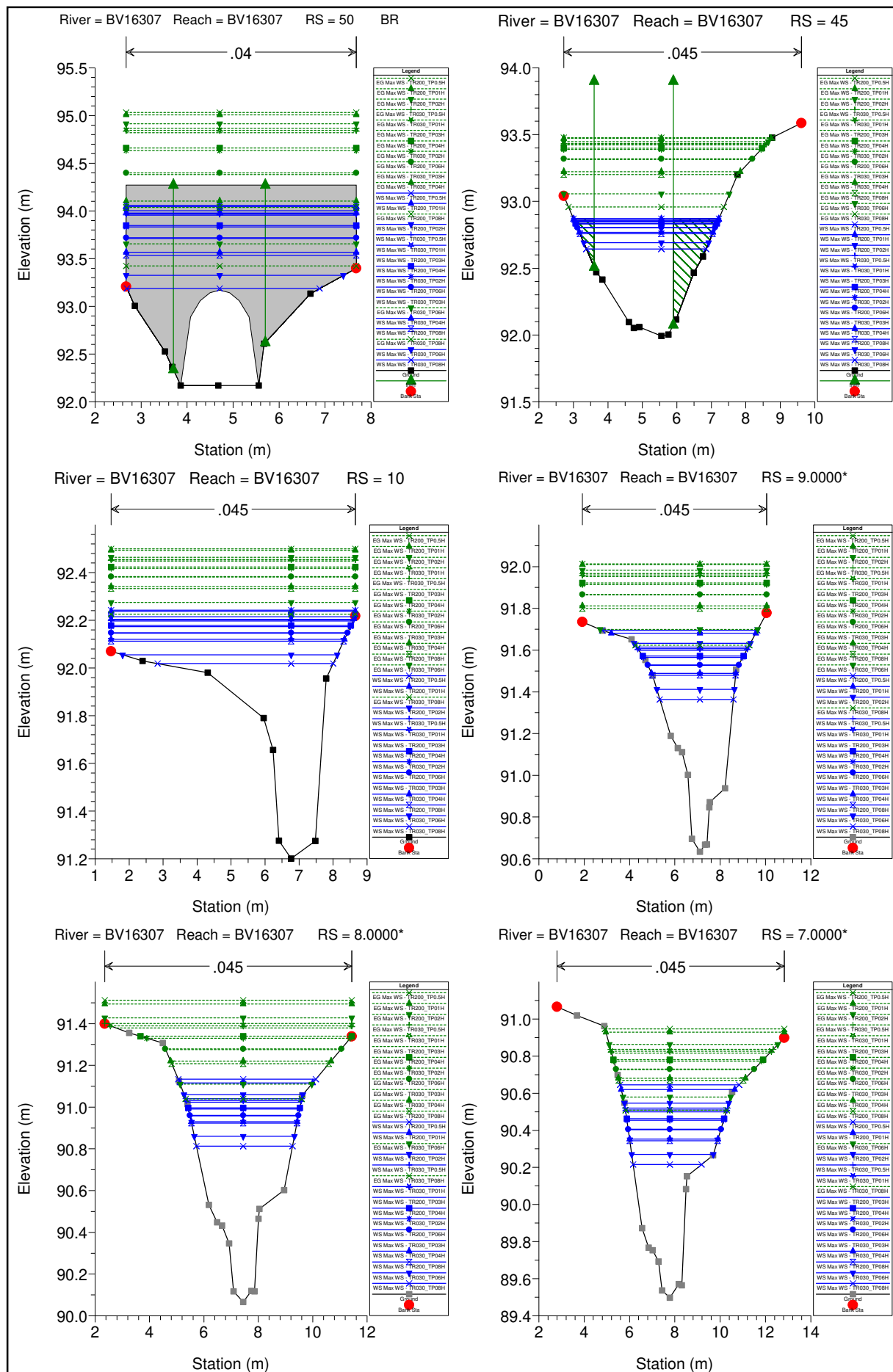
Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Cascina_valle	1	Max WS	TR200_TP08H	106.88	62.37	65.01	64.83	65.62	0.011089	3.45	30.95	18.95	0.86
Cascina_valle	1	Max WS	TR030_TP05H	71.63	62.37	64.61	64.45	65.08	0.011091	3.05	23.52	17.72	0.84
Cascina_valle	1	Max WS	TR030_TP01H	84.18	62.37	64.76	64.60	65.28	0.011087	3.21	26.20	18.06	0.85
Cascina_valle	1	Max WS	TR030_TP02H	92.96	62.37	64.86	64.69	65.42	0.011083	3.32	28.03	18.33	0.86
Cascina_valle	1	Max WS	TR030_TP03H	94.73	62.37	64.88	64.71	65.44	0.011080	3.34	28.40	18.40	0.86
Cascina_valle	1	Max WS	TR030_TP04H	94.03	62.37	64.87	64.70	65.43	0.011084	3.33	28.25	18.37	0.86
Cascina_valle	1	Max WS	TR030_TP06H	90.69	62.37	64.83	64.67	65.38	0.011079	3.29	27.55	18.24	0.86
Cascina_valle	1	Max WS	TR030_TP08H	86.76	62.37	64.79	64.63	65.32	0.011080	3.24	26.74	18.13	0.85











HEC-RAS River: BV16307 Reach: BV16307 Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
BV16307	150	Max WS	TR200_TP03H	0.20	118.59	118.89		118.95	0.028136	1.04	0.19	1.08	0.78
BV16307	150	Max WS	TR200_TP01H	0.20	118.59	118.89		118.95	0.026830	1.02	0.20	1.09	0.76
BV16307	150	Max WS	TR200_TP02H	0.20	118.59	118.89		118.95	0.028136	1.04	0.19	1.08	0.78
BV16307	150	Max WS	TR200_TP05H	0.20	118.59	118.90		118.95	0.026145	1.01	0.20	1.09	0.75
BV16307	150	Max WS	TR200_TP04H	0.20	118.59	118.89		118.94	0.028754	1.04	0.19	1.07	0.79
BV16307	150	Max WS	TR200_TP06H	0.20	118.59	118.89		118.94	0.029648	1.06	0.19	1.06	0.80
BV16307	150	Max WS	TR200_TP08H	0.20	118.59	118.89		118.94	0.030038	1.06	0.19	1.06	0.80
BV16307	150	Max WS	TR030_TP05H	0.20	118.59	118.89		118.95	0.028017	1.03	0.19	1.08	0.78
BV16307	150	Max WS	TR030_TP01H	0.20	118.59	118.89		118.95	0.028136	1.04	0.19	1.08	0.78
BV16307	150	Max WS	TR030_TP02H	0.20	118.59	118.89		118.94	0.028881	1.05	0.19	1.07	0.79
BV16307	150	Max WS	TR030_TP03H	0.20	118.59	118.89		118.94	0.029648	1.06	0.19	1.06	0.80
BV16307	150	Max WS	TR030_TP04H	0.20	118.59	118.89		118.94	0.030038	1.06	0.19	1.06	0.80
BV16307	150	Max WS	TR030_TP06H	0.20	118.59	118.88		118.94	0.030704	1.07	0.19	1.05	0.81
BV16307	150	Max WS	TR030_TP08H	0.20	118.59	118.89		118.94	0.030171	1.06	0.19	1.06	0.81
BV16307	149.99												
BV16307	149.98												
BV16307	146.67	Max WS	TR200_TP03H	0.20	117.26	117.53	117.53	117.61	0.046843	1.23	0.16	1.09	1.01
BV16307	146.67	Max WS	TR200_TP01H	0.20	117.26	117.53	117.53	117.61	0.046843	1.23	0.16	1.09	1.01
BV16307	146.67	Max WS	TR200_TP02H	0.20	117.26	117.53	117.53	117.61	0.046843	1.23	0.16	1.09	1.01
BV16307	146.67	Max WS	TR200_TP05H	0.20	117.26	117.53	117.53	117.61	0.046843	1.23	0.16	1.09	1.01
BV16307	146.67	Max WS	TR200_TP04H	0.20	117.26	117.53	117.53	117.61	0.046843	1.23	0.16	1.09	1.01
BV16307	146.67	Max WS	TR200_TP06H	0.20	117.26	117.53	117.53	117.61	0.046843	1.23	0.16	1.09	1.01
BV16307	146.67	Max WS	TR200_TP08H	0.20	117.26	117.53	117.53	117.61	0.046843	1.23	0.16	1.09	1.01
BV16307	146.67	Max WS	TR030_TP05H	0.20	117.26	117.53	117.53	117.61	0.046843	1.23	0.16	1.09	1.01
BV16307	146.67	Max WS	TR030_TP01H	0.20	117.26	117.53	117.53	117.61	0.046843	1.23	0.16	1.09	1.01
BV16307	146.67	Max WS	TR030_TP02H	0.20	117.26	117.53	117.53	117.61	0.046843	1.23	0.16	1.09	1.01
BV16307	146.67	Max WS	TR030_TP03H	0.20	117.26	117.53	117.53	117.61	0.046843	1.23	0.16	1.09	1.01
BV16307	146.67	Max WS	TR030_TP04H	0.20	117.26	117.53	117.53	117.61	0.046843	1.23	0.16	1.09	1.01
BV16307	146.67	Max WS	TR030_TP06H	0.20	117.26	117.53	117.53	117.61	0.046843	1.23	0.16	1.09	1.01
BV16307	146.67	Max WS	TR030_TP08H	0.20	117.26	117.53	117.53	117.61	0.046843	1.23	0.16	1.09	1.01
BV16307	143.33	Max WS	TR200_TP03H	0.20	115.92	116.24		116.28	0.019644	0.91	0.22	1.21	0.68
BV16307	143.33	Max WS	TR200_TP01H	0.20	115.92	116.24		116.28	0.017612	0.87	0.23	1.22	0.64
BV16307	143.33	Max WS	TR200_TP02H	0.20	115.92	116.24		116.28	0.019552	0.91	0.22	1.21	0.68
BV16307	143.33	Max WS	TR200_TP05H	0.20	115.92	116.25		116.28	0.016764	0.86	0.23	1.23	0.63
BV16307	143.33	Max WS	TR200_TP04H	0.20	115.92	116.23		116.28	0.020767	0.93	0.22	1.20	0.70
BV16307	143.33	Max WS	TR200_TP06H	0.20	115.92	116.23		116.27	0.022286	0.95	0.21	1.18	0.72
BV16307	143.33	Max WS	TR200_TP08H	0.20	115.92	116.23		116.27	0.023042	0.96	0.21	1.18	0.73
BV16307	143.33	Max WS	TR030_TP05H	0.20	115.92	116.24		116.28	0.019550	0.91	0.22	1.21	0.68
BV16307	143.33	Max WS	TR030_TP01H	0.20	115.92	116.24		116.28	0.019554	0.91	0.22	1.21	0.68
BV16307	143.33	Max WS	TR030_TP02H	0.20	115.92	116.23		116.28	0.021059	0.93	0.21	1.19	0.70
BV16307	143.33	Max WS	TR030_TP03H	0.20	115.92	116.23		116.27	0.022286	0.95	0.21	1.18	0.72
BV16307	143.33	Max WS	TR030_TP04H	0.20	115.92	116.23		116.27	0.023041	0.96	0.21	1.18	0.73
BV16307	143.33	Max WS	TR030_TP06H	0.20	115.92	116.22		116.27	0.023943	0.98	0.21	1.17	0.74
BV16307	143.33	Max WS	TR030_TP08H	0.21	115.92	116.22		116.27	0.025465	1.00	0.20	1.17	0.77
BV16307	140	Max WS	TR200_TP03H	0.62	114.59	115.01	115.04	115.18	0.056262	1.84	0.34	1.33	1.17
BV16307	140	Max WS	TR200_TP01H	0.86	114.59	115.08	115.12	115.28	0.055550	1.98	0.44	1.53	1.18
BV16307	140	Max WS	TR200_TP02H	0.71	114.59	115.04	115.07	115.22	0.055996	1.90	0.38	1.41	1.18
BV16307	140	Max WS	TR200_TP05H	0.91	114.59	115.09	115.16	115.29	0.055363	2.00	0.46	1.57	1.19
BV16307	140	Max WS	TR200_TP04H	0.55	114.59	114.98	115.01	115.15	0.058553	1.82	0.30	1.27	1.18
BV16307	140	Max WS	TR200_TP06H	0.48	114.59	114.95	114.98	115.11	0.060097	1.77	0.27	1.19	1.19
BV16307	140	Max WS	TR200_TP08H	0.43	114.59	114.94	114.97	115.09	0.060158	1.73	0.25	1.14	1.18
BV16307	140	Max WS	TR030_TP05H	0.67	114.59	115.02	115.06	115.20	0.056187	1.88	0.36	1.37	1.17
BV16307	140	Max WS	TR030_TP01H	0.64	114.59	115.01	115.05	115.19	0.056354	1.86	0.35	1.35	1.17
BV16307	140	Max WS	TR030_TP02H	0.54	114.59	114.98	115.01	115.15	0.058842	1.81	0.30	1.25	1.19
BV16307	140	Max WS	TR030_TP03H	0.48	114.59	114.95	114.98	115.11	0.059961	1.77	0.27	1.19	1.19
BV16307	140	Max WS	TR030_TP04H	0.43	114.59	114.94	114.97	115.09	0.060199	1.73	0.25	1.15	1.18
BV16307	140	Max WS	TR030_TP06H	0.38	114.59	114.92	114.94	115.06	0.058957	1.67	0.23	1.10	1.17
BV16307	140	Max WS	TR030_TP08H	0.31	114.59	114.91	114.91	115.01	0.044190	1.43	0.22	1.08	1.01
BV16307	136.67	Max WS	TR200_TP03H	1.03	112.98	113.51	113.51	113.66	0.035842	1.71	0.60	2.01	1.00
BV16307	136.67	Max WS	TR200_TP01H	1.52	112.98	113.63	113.64	113.78	0.040877	1.72	0.89	3.38	1.07
BV16307	136.67	Max WS	TR200_TP02H	1.22	112.98	113.57	113.56	113.72	0.034190	1.71	0.72	2.32	0.98
BV16307	136.67	Max WS	TR200_TP05H	1.62	112.98	113.64	113.65	113.79	0.039388	1.73	0.93	3.41	1.06
BV16307	136.67	Max WS	TR200_TP04H	0.91	112.98	113.48	113.48	113.62	0.037722	1.68	0.54	1.90	1.01
BV16307	136.67	Max WS	TR200_TP06H	0.75	112.98	113.44	113.44	113.57	0.038552	1.62	0.46	1.79	1.01
BV16307	136.67	Max WS	TR200_TP08H	0.66	112.98	113.42	113.41	113.54	0.038060	1.55	0.42	1.72	1.00
BV16307	136.67	Max WS	TR030_TP05H	1.14	112.98	113.55	113.53	113.69	0.033601	1.71	0.67	2.12	0.97
BV16307	136.67	Max WS	TR030_TP01H	1.08	112.98	113.53	113.52	113.68	0.034711	1.71	0.63	2.05	0.98
BV16307	136.67	Max WS	TR030_TP02H	0.88	112.98	113.47	113.47	113.62	0.037990	1.68	0.52	1.88	1.01
BV16307	136.67	Max WS	TR030_TP03H	0.75	112.98	113.44	113.44	113.57	0.038514	1.61	0.46	1.79	1.01
BV16307	136.67	Max WS	TR030_TP04H	0.67	112.98	113.42	113.42	113.54	0.038051	1.56	0.43	1.73	1.00
BV16307	136.67	Max WS	TR030_TP06H	0.56	112.98	113.39	113.39	113.50	0.038470	1.49	0.38	1.64	1.00
BV16307	136.67	Max WS	TR030_TP08H	0.50	112.98	113.37	113.37	113.48	0.039818	1.46	0.34	1.58	1.00
BV16307	133.33	Max WS	TR200_TP03H	1.44	111.38	111.88	111.94	112.14	0.066164	2.26	0.64	2.28	1.36
BV16307	133.33	Max WS	TR200_TP01H	2.18	111.38	111.97	112.09	112.30	0.067334	2.55	0.86	2.56	1.41
BV16307	133.33	Max WS	TR200_TP02H	1.73	111.38	111.91	112.01	112.20	0.066437	2.38	0.73	2.39	1.38
BV16307	133.33	Max WS	TR200_TP05H	2.32	111.38	111.98	112.11	112.32	0.067257	2.59	0.90	2.62	1.41
BV16307	133.33	Max WS	TR200_TP04H	1.26	111.38	111.85	111.91	112.09	0.066651	2.18	0.58	2.19	1.35
BV16307	133.33	Max WS	TR200_TP06H	1.03	111.38	111.81	111.87	112.03	0.065610	2.04	0.50	2.08	1.33
BV16307	133.33	Max WS	TR200_TP08H	0.89	111.38	111.79	111.84	111.98	0.064218	1.94	0.46	2.02	1.30
BV16307	133.33	Max WS	TR030_TP05H	1.62	111.38	111.90	111.97	112.18	0.065722	2.33	0.69	2.35	1.37
BV16307	133.33	Max WS	TR030_TP01H	1.52	111.38	111.89	111.96	112.15	0.065524	2.28	0.66	2.31	1.36
BV16307	133.33	Max WS	TR030_TP02H	1.21	111.38	111.84	111.91	112.08	0.066631	2.16	0.56	2.17	1.35
BV16307	133.33	Max WS	TR030_TP03H	1.02	111.38	111.81	111.87	112.03	0.065557	2.04	0.50	2.08	1.33
BV16307	133.33	Max WS	TR030_TP04H	0.90	111.38	111.79	111.84	111.99	0.064179	1.95	0.46	2.02	1.30
BV16307	133.33	Max WS	TR030_TP06H	0.74	111.38								

HEC-RAS River: BV16307 Reach: BV16307 Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
BV16307	130	Max WS	TR200_TP03H	1.31	109.77	110.74		110.75	0.001518	0.45	2.89	6.87	0.22
BV16307	130	Max WS	TR200_TP01H	1.64	109.77	110.78		110.79	0.001854	0.53	3.12	6.87	0.25
BV16307	130	Max WS	TR200_TP02H	1.48	109.77	110.76		110.77	0.001701	0.49	3.00	6.87	0.24
BV16307	130	Max WS	TR200_TP0.5H	1.68	109.77	110.78		110.79	0.001891	0.53	3.15	6.87	0.25
BV16307	130	Max WS	TR200_TP04H	1.19	109.77	110.73		110.74	0.001380	0.43	2.80	6.87	0.21
BV16307	130	Max WS	TR200_TP06H	0.70	109.77	110.71		110.72	0.000534	0.26	2.70	6.87	0.13
BV16307	130	Max WS	TR200_TP08H	0.70	109.77	110.71		110.72	0.000534	0.26	2.70	6.87	0.13
BV16307	130	Max WS	TR030_TP0.5H	1.41	109.77	110.75		110.76	0.001632	0.48	2.96	6.87	0.23
BV16307	130	Max WS	TR030_TP01H	1.36	109.77	110.75		110.76	0.001571	0.47	2.92	6.87	0.23
BV16307	130	Max WS	TR030_TP02H	1.16	109.77	110.73		110.74	0.001344	0.42	2.78	6.87	0.21
BV16307	130	Max WS	TR030_TP03H	0.70	109.77	110.71		110.72	0.000534	0.26	2.70	6.87	0.13
BV16307	130	Max WS	TR030_TP04H	0.70	109.77	110.71		110.72	0.000534	0.26	2.70	6.87	0.13
BV16307	130	Max WS	TR030_TP06H	0.70	109.77	110.71		110.72	0.000534	0.26	2.70	6.87	0.13
BV16307	130	Max WS	TR030_TP08H	0.70	109.77	110.71		110.72	0.000534	0.26	2.70	6.87	0.13
BV16307	129.09	Max WS	TR200_TP03H	0.87	109.85	110.71		110.74	0.008124	0.70	1.24	5.28	0.46
BV16307	129.09	Max WS	TR200_TP01H	1.01	109.85	110.75		110.78	0.006296	0.69	1.47	5.28	0.42
BV16307	129.09	Max WS	TR200_TP02H	0.94	109.85	110.73		110.76	0.006995	0.69	1.36	5.28	0.43
BV16307	129.09	Max WS	TR200_TP0.5H	1.01	109.85	110.75		110.78	0.006295	0.69	1.47	5.28	0.42
BV16307	129.09	Max WS	TR200_TP04H	0.81	109.85	110.69		110.72	0.009416	0.72	1.13	5.28	0.49
BV16307	129.09	Max WS	TR200_TP06H	0.72	109.85	110.66		110.69	0.011489	0.73	0.99	5.28	0.54
BV16307	129.09	Max WS	TR200_TP08H	0.67	109.85	110.66		110.68	0.011257	0.70	0.95	5.28	0.53
BV16307	129.09	Max WS	TR030_TP0.5H	0.91	109.85	110.73		110.75	0.007327	0.69	1.32	5.28	0.44
BV16307	129.09	Max WS	TR030_TP01H	0.89	109.85	110.72		110.74	0.007759	0.70	1.27	5.28	0.45
BV16307	129.09	Max WS	TR030_TP02H	0.80	109.85	110.69		110.71	0.009847	0.72	1.11	5.28	0.50
BV16307	129.09	Max WS	TR030_TP03H	0.72	109.85	110.66		110.69	0.011490	0.73	0.99	5.28	0.54
BV16307	129.09	Max WS	TR030_TP04H	0.67	109.85	110.66		110.68	0.011257	0.70	0.95	5.28	0.53
BV16307	129.09	Max WS	TR030_TP06H	0.68	109.85	110.66		110.68	0.011104	0.70	0.96	5.28	0.53
BV16307	129.09	Max WS	TR030_TP08H	0.67	109.85	110.66		110.68	0.011257	0.70	0.95	5.28	0.53
BV16307	129												
BV16307	128	Max WS	TR200_TP03H	0.87	109.83	110.31	110.37	110.64	0.037142	2.56	0.34	2.61	1.20
BV16307	128	Max WS	TR200_TP01H	1.04	109.83	110.36	110.43	110.75	0.036684	2.74	0.38	3.00	1.21
BV16307	128	Max WS	TR200_TP02H	0.94	109.83	110.33	110.40	110.69	0.038552	2.68	0.35	2.75	1.23
BV16307	128	Max WS	TR200_TP0.5H	1.09	109.83	110.38	110.63	110.78	0.036010	2.78	0.39	3.09	1.21
BV16307	128	Max WS	TR200_TP04H	0.69	109.83	110.29	110.30	110.52	0.026362	2.11	0.33	2.56	1.01
BV16307	128	Max WS	TR200_TP06H	0.69	109.83	110.29	110.30	110.52	0.026362	2.11	0.33	2.56	1.01
BV16307	128	Max WS	TR200_TP08H	0.69	109.83	110.29	110.30	110.52	0.026362	2.11	0.33	2.56	1.01
BV16307	128	Max WS	TR030_TP0.5H	0.91	109.83	110.32	110.39	110.67	0.038707	2.65	0.35	2.68	1.23
BV16307	128	Max WS	TR030_TP01H	0.88	109.83	110.31	110.37	110.65	0.036523	2.56	0.34	2.65	1.19
BV16307	128	Max WS	TR030_TP02H	0.69	109.83	110.29	110.30	110.52	0.026362	2.11	0.33	2.56	1.01
BV16307	128	Max WS	TR030_TP03H	0.69	109.83	110.29	110.30	110.52	0.026362	2.11	0.33	2.56	1.01
BV16307	128	Max WS	TR030_TP04H	0.69	109.83	110.29	110.30	110.52	0.026362	2.11	0.33	2.56	1.01
BV16307	128	Max WS	TR030_TP06H	0.69	109.83	110.29	110.30	110.52	0.026362	2.11	0.33	2.56	1.01
BV16307	128	Max WS	TR030_TP08H	0.69	109.83	110.29	110.30	110.52	0.026362	2.11	0.33	2.56	1.01
BV16307	127.99												
BV16307	127.98												
BV16307	127.33	Max WS	TR200_TP03H	0.97	109.56	110.03		110.12	0.020770	1.32	0.74	2.47	0.77
BV16307	127.33	Max WS	TR200_TP01H	1.21	109.56	110.06		110.17	0.024094	1.47	0.82	2.62	0.84
BV16307	127.33	Max WS	TR200_TP02H	0.98	109.56	110.03		110.12	0.020624	1.32	0.75	2.48	0.77
BV16307	127.33	Max WS	TR200_TP0.5H	1.29	109.56	110.08		110.19	0.023761	1.47	0.88	2.79	0.83
BV16307	127.33	Max WS	TR200_TP04H	0.90	109.56	110.00		110.09	0.022568	1.33	0.68	2.37	0.80
BV16307	127.33	Max WS	TR200_TP06H	0.79	109.56	109.96		110.05	0.027577	1.39	0.57	2.20	0.87
BV16307	127.33	Max WS	TR200_TP08H	0.72	109.56	109.93		110.03	0.030388	1.40	0.51	2.10	0.91
BV16307	127.33	Max WS	TR030_TP0.5H	0.99	109.56	110.03		110.12	0.020557	1.32	0.75	2.49	0.77
BV16307	127.33	Max WS	TR030_TP01H	0.98	109.56	110.03		110.12	0.020645	1.32	0.74	2.48	0.77
BV16307	127.33	Max WS	TR030_TP02H	0.88	109.56	110.00		110.09	0.022929	1.34	0.66	2.35	0.80
BV16307	127.33	Max WS	TR030_TP03H	0.79	109.56	109.96		110.05	0.027773	1.39	0.57	2.19	0.87
BV16307	127.33	Max WS	TR030_TP04H	0.72	109.56	109.93		110.03	0.030346	1.41	0.51	2.10	0.91
BV16307	127.33	Max WS	TR030_TP06H	0.65	109.56	109.91		110.01	0.029183	1.35	0.48	2.04	0.89
BV16307	127.33	Max WS	TR030_TP08H	0.59	109.56	109.90		109.99	0.028079	1.30	0.46	2.00	0.87
BV16307	125.33	Max WS	TR200_TP03H	1.57	108.75	109.37		109.50	0.026242	1.62	0.97	2.75	0.87
BV16307	125.33	Max WS	TR200_TP01H	2.03	108.75	109.45	109.40	109.59	0.024428	1.68	1.22	4.27	0.85
BV16307	125.33	Max WS	TR200_TP02H	1.78	108.75	109.41		109.55	0.026191	1.66	1.07	2.92	0.88
BV16307	125.33	Max WS	TR200_TP0.5H	2.10	108.75	109.46	109.41	109.61	0.023552	1.68	1.27	4.27	0.84
BV16307	125.33	Max WS	TR200_TP04H	1.40	108.75	109.33		109.46	0.027424	1.61	0.87	2.58	0.89
BV16307	125.33	Max WS	TR200_TP06H	1.17	108.75	109.29		109.41	0.025381	1.51	0.77	2.43	0.85
BV16307	125.33	Max WS	TR200_TP08H	1.03	108.75	109.27		109.37	0.024922	1.45	0.71	2.33	0.84
BV16307	125.33	Max WS	TR030_TP0.5H	1.70	108.75	109.39		109.53	0.026350	1.65	1.03	2.85	0.88
BV16307	125.33	Max WS	TR030_TP01H	1.73	108.75	109.39		109.53	0.028082	1.70	1.02	2.83	0.91
BV16307	125.33	Max WS	TR030_TP02H	1.36	108.75	109.32		109.45	0.027711	1.61	0.84	2.54	0.89
BV16307	125.33	Max WS	TR030_TP03H	1.16	108.75	109.29		109.41	0.025340	1.50	0.77	2.43	0.85
BV16307	125.33	Max WS	TR030_TP04H	1.04	108.75	109.27		109.38	0.024715	1.45	0.72	2.35	0.84
BV16307	125.33	Max WS	TR030_TP06H	0.89	108.75	109.21		109.33	0.029985	1.50	0.59	2.11	0.91
BV16307	125.33	Max WS	TR030_TP08H	0.79	108.75	109.18	109.16	109.30	0.033110	1.52	0.52	1.96	0.95
BV16307	122.67*	Max WS	TR200_TP03H	2.09	107.68	108.40	108.42	108.62	0.040976	2.07	1.01	2.60	1.06
BV16307	122.67*	Max WS	TR200_TP01H	2.68	107.68	108.45	108.51	108.73	0.046857	2.33	1.16	3.32	1.15
BV16307	122.67*	Max WS	TR200_TP02H	2.35	107.68	108.42	108.47	108.67	0.044802	2.20	1.07	2.70	1.11
BV16307	122.67*	Max WS	TR200_TP0.5H	2.77	107.68	108.46	108.52	108.74	0.047336	2.37	1.18	3.32	1.15
BV16307	122.67*	Max WS	TR200_TP04H	1.91	107.68	108.38	108.39	108.58	0.038928	1.99	0.96	2.51	1.03
BV16307	122.67*	Max WS	TR200_TP06H	1.63	107.68	108.34	108.34	108.52	0.036203	1.88	0.87	2.35	0.99
BV16307	122.67*	Max WS	TR200_TP08H	1.42	107.68	108.31	108.29	108.47	0.033526	1.78	0.80	2.23	0.95
BV16307	122.67*	Max WS	TR030_TP0.5H	2.25	107.68	108.41	108.45	108.65	0.043320	2.15	1.05	2.66	1.09
BV16307	122.67*	Max WS	TR030_TP01H	2.16	107.68	108.41	108.43	108.63	0.042000	2.11	1.03	2.63	1.08
BV16307	122.67*	Max WS	TR030_TP02H	1.86	107.68	108.37	108.38	108.57	0.038506	1.98	0.94	2.49	1.03
BV16307	122.67*	Max WS	TR030_TP03H	1.62	107.68	108.34	108.34	108.52	0.036148	1.88	0.86	2.35	0.99
BV16307	122.67*	Max WS	TR030_TP04H	1.43	107.68	108.32	108.30	108.48	0.033751	1.79	0.80	2.24	0.95
BV16307	122.67*	Max WS	TR030_TP06H	1.19	107.68	108.28		108.42	0.029200	1.63	0.73	2.12	0.88

HEC-RAS River: BV16307 Reach: BV16307 Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
BV16307	122.67*	Max WS	TR030_TP08H	0.98	107.68	108.27		108.37	0.021748	1.38	0.71	2.10	0.76
BV16307	120	Max WS	TR200_TP03H	1.00	106.60	107.20	107.20	107.37	0.042635	1.78	0.56	1.71	0.99
BV16307	120	Max WS	TR200_TP01H	1.00	106.60	107.20	107.20	107.37	0.042635	1.78	0.56	1.71	0.99
BV16307	120	Max WS	TR200_TP02H	1.00	106.60	107.20	107.20	107.37	0.042635	1.78	0.56	1.71	0.99
BV16307	120	Max WS	TR200_TP05H	1.00	106.60	107.20	107.20	107.37	0.042635	1.78	0.56	1.71	0.99
BV16307	120	Max WS	TR200_TP04H	1.00	106.60	107.20	107.20	107.37	0.042635	1.78	0.56	1.71	0.99
BV16307	120	Max WS	TR200_TP06H	1.00	106.60	107.20	107.20	107.37	0.042635	1.78	0.56	1.71	0.99
BV16307	120	Max WS	TR200_TP08H	1.00	106.60	107.20	107.20	107.37	0.042635	1.78	0.56	1.71	0.99
BV16307	120	Max WS	TR030_TP05H	1.00	106.60	107.20	107.20	107.37	0.042635	1.78	0.56	1.71	0.99
BV16307	120	Max WS	TR030_TP01H	1.00	106.60	107.20	107.20	107.37	0.042635	1.78	0.56	1.71	0.99
BV16307	120	Max WS	TR030_TP02H	1.00	106.60	107.20	107.20	107.37	0.042635	1.78	0.56	1.71	0.99
BV16307	120	Max WS	TR030_TP03H	1.00	106.60	107.20	107.20	107.37	0.042635	1.78	0.56	1.71	0.99
BV16307	120	Max WS	TR030_TP04H	1.00	106.60	107.20	107.20	107.37	0.042635	1.78	0.56	1.71	0.99
BV16307	120	Max WS	TR030_TP06H	1.00	106.60	107.20	107.20	107.37	0.042635	1.78	0.56	1.71	0.99
BV16307	120	Max WS	TR030_TP08H	1.00	106.60	107.20	107.20	107.37	0.042635	1.78	0.56	1.71	0.99
BV16307	110	Max WS	TR200_TP03H	1.46	105.27	106.40		106.42	0.002598	0.61	2.40	5.03	0.28
BV16307	110	Max WS	TR200_TP01H	1.76	105.27	106.47		106.49	0.002476	0.64	2.76	5.03	0.28
BV16307	110	Max WS	TR200_TP02H	1.58	105.27	106.43		106.45	0.002537	0.62	2.55	5.03	0.28
BV16307	110	Max WS	TR200_TP05H	1.81	105.27	106.48		106.50	0.002468	0.65	2.81	5.03	0.28
BV16307	110	Max WS	TR200_TP04H	1.36	105.27	106.38		106.40	0.002691	0.60	2.28	5.03	0.28
BV16307	110	Max WS	TR200_TP06H	1.24	105.27	106.34		106.36	0.002934	0.59	2.09	5.03	0.30
BV16307	110	Max WS	TR200_TP08H	1.17	105.27	106.31		106.32	0.003408	0.61	1.91	5.03	0.32
BV16307	110	Max WS	TR030_TP05H	1.53	105.27	106.42		106.44	0.002558	0.61	2.49	5.03	0.28
BV16307	110	Max WS	TR030_TP01H	1.49	105.27	106.41		106.43	0.002570	0.61	2.44	5.03	0.28
BV16307	110	Max WS	TR030_TP02H	1.34	105.27	106.37		106.39	0.002733	0.60	2.24	5.03	0.29
BV16307	110	Max WS	TR030_TP03H	1.24	105.27	106.34		106.36	0.002940	0.59	2.08	5.03	0.30
BV16307	110	Max WS	TR030_TP04H	1.17	105.27	106.31		106.33	0.003370	0.61	1.93	5.03	0.31
BV16307	110	Max WS	TR030_TP06H	1.16	105.27	106.24		106.26	0.005963	0.74	1.57	4.75	0.41
BV16307	110	Max WS	TR030_TP08H	1.19	105.27	106.24		106.27	0.006258	0.76	1.57	4.75	0.42
BV16307	109.75	Max WS	TR200_TP03H	1.52	105.38	106.40		106.41	0.001052	0.48	3.19	5.03	0.19
BV16307	109.75	Max WS	TR200_TP01H	1.87	105.38	106.47		106.48	0.001158	0.53	3.54	5.03	0.20
BV16307	109.75	Max WS	TR200_TP02H	1.67	105.38	106.43		106.44	0.001106	0.50	3.34	5.03	0.20
BV16307	109.75	Max WS	TR200_TP05H	1.93	105.38	106.48		106.49	0.001173	0.54	3.59	5.03	0.20
BV16307	109.75	Max WS	TR200_TP04H	1.41	105.38	106.37		106.38	0.001026	0.46	3.06	5.03	0.19
BV16307	109.75	Max WS	TR200_TP06H	1.29	105.38	106.33		106.34	0.001040	0.45	2.87	5.03	0.19
BV16307	109.75	Max WS	TR200_TP08H	1.22	105.38	106.30		106.31	0.001109	0.45	2.70	5.03	0.20
BV16307	109.75	Max WS	TR030_TP05H	1.61	105.38	106.41		106.43	0.001085	0.49	3.28	5.03	0.19
BV16307	109.75	Max WS	TR030_TP01H	1.56	105.38	106.41		106.42	0.001066	0.48	3.23	5.03	0.19
BV16307	109.75	Max WS	TR030_TP02H	1.39	105.38	106.37		106.38	0.001028	0.46	3.03	5.03	0.19
BV16307	109.75	Max WS	TR030_TP03H	1.28	105.38	106.33		106.34	0.001040	0.45	2.87	5.03	0.19
BV16307	109.75	Max WS	TR030_TP04H	1.23	105.38	106.30		106.31	0.001100	0.45	2.71	5.03	0.19
BV16307	109.75	Max WS	TR030_TP06H	1.12	105.38	106.23		106.24	0.001389	0.48	2.35	4.88	0.22
BV16307	109.75	Max WS	TR030_TP08H	1.12	105.38	106.23		106.24	0.001390	0.48	2.35	4.88	0.22
BV16307	108			Culvert									
BV16307	107	Max WS	TR200_TP03H	1.52	105.38	105.77	105.80	105.97	0.045273	1.97	0.77	2.64	1.14
BV16307	107	Max WS	TR200_TP01H	1.87	105.38	105.82	105.85	106.04	0.044866	2.08	0.90	2.78	1.15
BV16307	107	Max WS	TR200_TP02H	1.67	105.38	105.79	105.82	106.00	0.044353	2.00	0.83	2.71	1.13
BV16307	107	Max WS	TR200_TP05H	1.93	105.38	105.82	105.86	106.05	0.044847	2.09	0.92	2.81	1.15
BV16307	107	Max WS	TR200_TP04H	1.41	105.38	105.75	105.78	105.94	0.045466	1.93	0.73	2.60	1.14
BV16307	107	Max WS	TR200_TP06H	1.29	105.38	105.73	105.76	105.91	0.045458	1.88	0.69	2.54	1.13
BV16307	107	Max WS	TR200_TP08H	1.13	105.38	105.73	105.73	105.87	0.035626	1.66	0.68	2.54	1.00
BV16307	107	Max WS	TR030_TP05H	1.61	105.38	105.78	105.81	105.98	0.044716	1.99	0.81	2.68	1.13
BV16307	107	Max WS	TR030_TP01H	1.56	105.38	105.78	105.80	105.97	0.045074	1.98	0.79	2.66	1.14
BV16307	107	Max WS	TR030_TP02H	1.39	105.38	105.75	105.78	105.94	0.045527	1.92	0.72	2.59	1.14
BV16307	107	Max WS	TR030_TP03H	1.28	105.38	105.73	105.76	105.91	0.045541	1.88	0.68	2.54	1.13
BV16307	107	Max WS	TR030_TP04H	1.13	105.38	105.73	105.73	105.87	0.035626	1.66	0.68	2.54	1.00
BV16307	107	Max WS	TR030_TP06H	1.13	105.38	105.73	105.73	105.87	0.035626	1.66	0.68	2.54	1.00
BV16307	107	Max WS	TR030_TP08H	1.13	105.38	105.73	105.73	105.87	0.035626	1.66	0.68	2.54	1.00
BV16307	106.99			Lat Struct									
BV16307	106.98			Lat Struct									
BV16307	106.71	Max WS	TR200_TP03H	1.62	105.01	105.40	105.46	105.64	0.054819	2.15	0.75	2.51	1.26
BV16307	106.71	Max WS	TR200_TP01H	2.02	105.01	105.46	105.52	105.72	0.052211	2.25	0.90	2.67	1.24
BV16307	106.71	Max WS	TR200_TP02H	1.79	105.01	105.43	105.48	105.67	0.052946	2.19	0.82	2.59	1.24
BV16307	106.71	Max WS	TR200_TP05H	2.09	105.01	105.47	105.53	105.73	0.051971	2.27	0.92	2.70	1.24
BV16307	106.71	Max WS	TR200_TP04H	1.49	105.01	105.39	105.44	105.61	0.055660	2.11	0.71	2.46	1.26
BV16307	106.71	Max WS	TR200_TP06H	1.35	105.01	105.36	105.41	105.58	0.056456	2.06	0.66	2.40	1.26
BV16307	106.71	Max WS	TR200_TP08H	1.21	105.01	105.36	105.39	105.54	0.046455	1.86	0.65	2.39	1.14
BV16307	106.71	Max WS	TR030_TP05H	1.72	105.01	105.42	105.47	105.66	0.053842	2.17	0.79	2.56	1.25
BV16307	106.71	Max WS	TR030_TP01H	1.66	105.01	105.41	105.46	105.65	0.054399	2.16	0.77	2.53	1.25
BV16307	106.71	Max WS	TR030_TP02H	1.47	105.01	105.38	105.43	105.61	0.055950	2.11	0.70	2.45	1.26
BV16307	106.71	Max WS	TR030_TP03H	1.35	105.01	105.36	105.41	105.58	0.056550	2.06	0.65	2.40	1.26
BV16307	106.71	Max WS	TR030_TP04H	1.21	105.01	105.36	105.39	105.54	0.046455	1.86	0.65	2.39	1.14
BV16307	106.71	Max WS	TR030_TP06H	1.19	105.01	105.36	105.38	105.53	0.045988	1.85	0.64	2.39	1.14
BV16307	106.71	Max WS	TR030_TP08H	1.21	105.01	105.36	105.39	105.54	0.046455	1.86	0.65	2.39	1.14
BV16307	105.00	Max WS	TR200_TP03H	2.20	102.82	103.46	103.46	103.64	0.033918	1.89	1.16	3.43	1.04
BV16307	105.00	Max WS	TR200_TP01H	2.97	102.82	103.53	103.55	103.75	0.034655	2.05	1.45	3.87	1.07
BV16307	105.00	Max WS	TR200_TP02H	2.51	102.82	103.49	103.50	103.69	0.034630	1.96	1.28	3.61	1.05
BV16307	105.00	Max WS	TR200_TP05H	3.11	102.82	103.55	103.56	103.77	0.035005	2.08	1.50	3.93	1.07
BV16307	105.00	Max WS	TR200_TP04H	1.99	102.82	103.43	103.43	103.60	0.033330	1.83	1.08	3.30	1.02
BV16307	105.00	Max WS	TR200_TP06H	1.73	102.82	103.40	103.40	103.56	0.033886	1.79	0.97	3.10	1.02
BV16307	105.00	Max WS	TR200_TP08H	1.66	102.82	103.37	103.39	103.55	0.037771	1.84	0.90	2.98	1.07
BV16307	105.00	Max WS	TR030_TP05H	2.38	102.82	103.47	103.48	103.67	0.034430	1.94	1.23	3.53	1.05
BV16307	105.00	Max WS	TR030_TP01H	2.28	102.82	103.46	103.47	103.65	0.034168	1.91	1.19	3.48	1.04
BV16307	105.00	Max WS	TR030_TP02H	1.94	102.82	103.43	103.43	103.60	0.033381	1.82	1.06	3.27	1.02
BV16307	105.00	Max WS	TR030_TP03H	1.73	102.82	103.40	103.40						

HEC-RAS River: BV16307 Reach: BV16307 Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
BV16307	105.00	Max WS	TR030_TP04H	1.68	102.82	103.38	103.39	103.55	0.037495	1.84	0.91	2.99	1.07
BV16307	105.00	Max WS	TR030_TP06H	1.43	102.82	103.33	103.35	103.50	0.042757	1.86	0.77	2.75	1.12
BV16307	105.00	Max WS	TR030_TP08H	1.32	102.82	103.32	103.33	103.48	0.037027	1.73	0.76	2.73	1.04
BV16307	103.33	Max WS	TR200_TP03H	2.59	101.85	103.03		103.11	0.007204	1.26	2.06	2.69	0.46
BV16307	103.33	Max WS	TR200_TP01H	3.35	101.85	103.06		103.19	0.010540	1.55	2.16	2.69	0.55
BV16307	103.33	Max WS	TR200_TP02H	2.91	101.85	103.04		103.14	0.008554	1.38	2.11	2.69	0.50
BV16307	103.33	Max WS	TR200_TP05H	3.47	101.85	103.07		103.20	0.011070	1.59	2.18	2.69	0.56
BV16307	103.33	Max WS	TR200_TP04H	2.34	101.85	103.02		103.08	0.006107	1.15	2.03	2.69	0.42
BV16307	103.33	Max WS	TR200_TP06H	2.01	101.85	102.99		103.04	0.004944	1.02	1.97	2.69	0.38
BV16307	103.33	Max WS	TR200_TP08H	1.80	101.85	102.93		102.98	0.005098	1.01	1.80	2.59	0.39
BV16307	103.33	Max WS	TR030_TP05H	2.77	101.85	103.04		103.13	0.007955	1.33	2.09	2.69	0.48
BV16307	103.33	Max WS	TR030_TP01H	2.67	101.85	103.03		103.11	0.007538	1.29	2.07	2.69	0.47
BV16307	103.33	Max WS	TR030_TP02H	2.28	101.85	103.01		103.08	0.005865	1.12	2.03	2.69	0.41
BV16307	103.33	Max WS	TR030_TP03H	2.00	101.85	102.99		103.04	0.004924	1.02	1.97	2.69	0.38
BV16307	103.33	Max WS	TR030_TP04H	1.84	101.85	102.94		102.99	0.005000	1.00	1.84	2.62	0.38
BV16307	103.33	Max WS	TR030_TP06H	1.56	101.85	102.82		102.87	0.005889	1.02	1.53	2.41	0.41
BV16307	103.33	Max WS	TR030_TP08H	1.43	101.85	102.73		102.79	0.007172	1.08	1.32	2.27	0.45
BV16307	103	Max WS	TR200_TP03H	2.34	101.65	102.97		103.08	0.012312	1.41	1.66	2.29	0.53
BV16307	103	Max WS	TR200_TP01H	2.74	101.65	103.07		103.18	0.012006	1.46	1.88	2.29	0.52
BV16307	103	Max WS	TR200_TP02H	2.52	101.65	103.02		103.12	0.012147	1.43	1.76	2.29	0.52
BV16307	103	Max WS	TR200_TP05H	2.80	101.65	103.08		103.19	0.011966	1.47	1.91	2.29	0.51
BV16307	103	Max WS	TR200_TP04H	2.21	101.65	102.94		103.04	0.012593	1.40	1.58	2.29	0.54
BV16307	103	Max WS	TR200_TP06H	2.03	101.65	102.89		102.99	0.013278	1.39	1.46	2.29	0.55
BV16307	103	Max WS	TR200_TP08H	1.84	101.65	102.83		102.93	0.014365	1.38	1.33	2.28	0.58
BV16307	103	Max WS	TR030_TP05H	2.45	101.65	103.00		103.10	0.012200	1.42	1.72	2.29	0.52
BV16307	103	Max WS	TR030_TP01H	2.39	101.65	102.99		103.09	0.012260	1.41	1.69	2.29	0.53
BV16307	103	Max WS	TR030_TP02H	2.18	101.65	102.93		103.03	0.012680	1.39	1.56	2.29	0.54
BV16307	103	Max WS	TR030_TP03H	2.02	101.65	102.89		102.98	0.013304	1.38	1.46	2.29	0.55
BV16307	103	Max WS	TR030_TP04H	1.88	101.65	102.84		102.94	0.014086	1.38	1.36	2.28	0.57
BV16307	103	Max WS	TR030_TP06H	1.58	101.65	102.74		102.83	0.004377	1.31	1.21	2.19	0.41
BV16307	103	Max WS	TR030_TP08H	1.44	101.65	102.67		102.76	0.004647	1.29	1.12	2.09	0.42
BV16307	102			Culvert									
BV16307	100	Max WS	TR200_TP03H	2.34	101.56	102.26	102.35	102.74	0.036865	3.09	0.76	4.35	1.23
BV16307	100	Max WS	TR200_TP01H	2.74	101.56	102.31	102.43	102.88	0.039181	3.35	0.82	4.53	1.28
BV16307	100	Max WS	TR200_TP02H	2.52	101.56	102.28	102.39	102.81	0.038220	3.21	0.79	4.47	1.26
BV16307	100	Max WS	TR200_TP05H	2.80	101.56	102.32	102.44	102.90	0.039346	3.38	0.83	4.55	1.29
BV16307	100	Max WS	TR200_TP04H	2.21	101.56	102.23	102.32	102.70	0.037549	3.03	0.73	4.22	1.23
BV16307	100	Max WS	TR200_TP06H	2.03	101.56	102.20	102.28	102.64	0.038065	2.94	0.69	4.04	1.23
BV16307	100	Max WS	TR200_TP08H	1.84	101.56	102.17	102.24	102.57	0.037666	2.82	0.65	3.88	1.21
BV16307	100	Max WS	TR030_TP05H	2.44	101.56	102.27	102.37	102.78	0.037524	3.15	0.77	4.42	1.24
BV16307	100	Max WS	TR030_TP01H	2.39	101.56	102.26	102.36	102.76	0.036985	3.11	0.77	4.39	1.23
BV16307	100	Max WS	TR030_TP02H	2.18	101.56	102.23	102.32	102.69	0.037642	3.02	0.72	4.19	1.23
BV16307	100	Max WS	TR030_TP03H	2.02	101.56	102.20	102.28	102.64	0.038012	2.94	0.69	4.04	1.23
BV16307	100	Max WS	TR030_TP04H	1.88	101.56	102.17	102.25	102.59	0.037734	2.85	0.66	3.91	1.21
BV16307	100	Max WS	TR030_TP06H	1.42	101.56	102.14	102.14	102.41	0.026424	2.29	0.62	3.74	1.01
BV16307	100	Max WS	TR030_TP08H	1.42	101.56	102.14	102.14	102.41	0.026424	2.29	0.62	3.74	1.01
BV16307	99.99			Lat Struct									
BV16307	99.98			Lat Struct									
BV16307	98.263	Max WS	TR200_TP03H	2.65	101.26	101.89	101.91	102.08	0.033056	1.91	1.39	4.02	1.04
BV16307	98.263	Max WS	TR200_TP01H	2.84	101.26	101.92	101.92	102.10	0.032090	1.92	1.48	4.14	1.03
BV16307	98.263	Max WS	TR200_TP02H	2.72	101.26	101.90	101.91	102.09	0.032564	1.91	1.43	4.07	1.03
BV16307	98.263	Max WS	TR200_TP05H	2.86	101.26	101.92	101.92	102.11	0.031231	1.91	1.50	4.17	1.01
BV16307	98.263	Max WS	TR200_TP04H	2.40	101.26	101.86	101.87	102.05	0.034390	1.89	1.27	3.87	1.05
BV16307	98.263	Max WS	TR200_TP06H	2.13	101.26	101.83	101.84	102.01	0.035126	1.84	1.16	3.70	1.05
BV16307	98.263	Max WS	TR200_TP08H	1.94	101.26	101.81	101.82	101.98	0.035761	1.81	1.07	3.58	1.05
BV16307	98.263	Max WS	TR030_TP05H	2.72	101.26	101.90	101.91	102.09	0.032655	1.91	1.42	4.07	1.03
BV16307	98.263	Max WS	TR030_TP01H	2.69	101.26	101.90	101.90	102.08	0.032686	1.91	1.41	4.05	1.03
BV16307	98.263	Max WS	TR030_TP02H	2.36	101.26	101.86	101.87	102.04	0.034691	1.88	1.25	3.84	1.05
BV16307	98.263	Max WS	TR030_TP03H	2.12	101.26	101.83	101.84	102.01	0.035143	1.84	1.15	3.70	1.05
BV16307	98.263	Max WS	TR030_TP04H	1.97	101.26	101.81	101.82	101.98	0.035725	1.81	1.09	3.60	1.05
BV16307	98.263	Max WS	TR030_TP06H	1.65	101.26	101.78	101.78	101.93	0.036390	1.74	0.95	3.39	1.05
BV16307	98.263	Max WS	TR030_TP08H	1.46	101.26	101.75	101.76	101.89	0.037786	1.71	0.85	3.24	1.06
BV16307	94.789	Max WS	TR200_TP03H	3.51	100.65	101.36	101.38	101.58	0.034425	2.08	1.68	4.41	1.08
BV16307	94.789	Max WS	TR200_TP01H	4.08	100.65	101.41	101.43	101.64	0.032216	2.13	1.91	4.56	1.05
BV16307	94.789	Max WS	TR200_TP02H	3.71	100.65	101.38	101.40	101.61	0.034085	2.11	1.76	4.48	1.07
BV16307	94.789	Max WS	TR200_TP05H	4.16	100.65	101.42	101.43	101.65	0.031810	2.14	1.95	4.58	1.05
BV16307	94.789	Max WS	TR200_TP04H	3.05	100.65	101.32	101.34	101.53	0.035093	2.02	1.51	4.19	1.08
BV16307	94.789	Max WS	TR200_TP06H	2.64	100.65	101.28	101.30	101.48	0.035873	1.96	1.35	3.98	1.08
BV16307	94.789	Max WS	TR200_TP08H	2.35	100.65	101.25	101.27	101.44	0.036234	1.91	1.23	3.82	1.07
BV16307	94.789	Max WS	TR030_TP05H	3.66	100.65	101.37	101.39	101.60	0.034343	2.11	1.74	4.47	1.08
BV16307	94.789	Max WS	TR030_TP01H	3.63	100.65	101.37	101.39	101.60	0.034276	2.10	1.73	4.47	1.08
BV16307	94.789	Max WS	TR030_TP02H	2.98	100.65	101.31	101.33	101.52	0.035160	2.01	1.48	4.16	1.08
BV16307	94.789	Max WS	TR030_TP03H	2.63	100.65	101.28	101.30	101.48	0.035870	1.96	1.34	3.97	1.08
BV16307	94.789	Max WS	TR030_TP04H	2.39	100.65	101.26	101.27	101.44	0.036181	1.92	1.25	3.84	1.07
BV16307	94.789	Max WS	TR030_TP06H	1.92	100.65	101.20	101.22	101.37	0.036994	1.82	1.05	3.55	1.07
BV16307	94.789	Max WS	TR030_TP08H	1.66	100.65	101.17	101.18	101.33	0.036690	1.75	0.95	3.39	1.06
BV16307	89.579	Max WS	TR200_TP03H	4.20	99.74	100.51	100.54	100.75	0.035271	2.20	1.91	4.67	1.10
BV16307	89.579	Max WS	TR200_TP01H	5.46	99.74	100.59	100.63	100.87	0.034836	2.36	2.31	5.05	1.11
BV16307	89.579	Max WS	TR200_TP02H	4.63	99.74	100.54	100.57	100.80	0.035091	2.26	2.05	4.81	1.11
BV16307	89.579	Max WS	TR200_TP05H	5.64	99.74	100.60	100.64	100.89	0.034901	2.38	2.36	5.09	1.12
BV16307	89.579	Max WS	TR200_TP04H	3.59	99.74	100.46	100.49	100.69	0.035174	2.11	1.71	4.47	1.09
BV16307	89.579	Max WS	TR200_TP06H	3.01	99.74	100.41	100.43	100.62	0.035458	2.02	1.49	4.20	1.08
BV16307	89.579	Max WS	TR200_TP08H	2.62	99.74	100.38	100.39	100.57	0.035602	1.95	1.34	4.00	1.07
BV16307	89.579	Max WS	TR030_TP05H	4.43	99.74	100.52	100.55	100.78	0.035104	2.23	1.98	4.75	1.10
BV16307	89.579	Max WS	TR030_TP01H	4.39	99.74	100.52	100.55	100.77	0.035235	2.23	1.97		

HEC-RAS River: BV16307 Reach: BV16307 Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
BV16307	89.579	Max WS	TR030_TP02H	3.49	99.74	100.45	100.48	100.68	0.035037	2.09	1.67	4.43	1.08
BV16307	89.579	Max WS	TR030_TP03H	3.00	99.74	100.41	100.43	100.62	0.035515	2.02	1.49	4.19	1.08
BV16307	89.579	Max WS	TR030_TP04H	2.66	99.74	100.38	100.40	100.58	0.035661	1.96	1.36	4.02	1.07
BV16307	89.579	Max WS	TR030_TP06H	2.14	99.74	100.33	100.34	100.50	0.035603	1.85	1.16	3.72	1.06
BV16307	89.579	Max WS	TR030_TP08H	1.82	99.74	100.29	100.30	100.45	0.036063	1.78	1.02	3.52	1.05
BV16307	84.368	Max WS	TR200_TP03H	4.58	98.83	99.64	99.67	99.91	0.035229	2.32	1.98	4.42	1.11
BV16307	84.368	Max WS	TR200_TP01H	6.10	98.83	99.75	99.78	100.06	0.033660	2.47	2.46	4.79	1.10
BV16307	84.368	Max WS	TR200_TP02H	5.10	98.83	99.68	99.71	99.97	0.034912	2.38	2.14	4.55	1.11
BV16307	84.368	Max WS	TR200_TP05H	6.46	98.83	99.77	99.81	100.09	0.034029	2.53	2.56	4.86	1.11
BV16307	84.368	Max WS	TR200_TP04H	3.90	98.83	99.59	99.62	99.84	0.036305	2.23	1.75	4.24	1.11
BV16307	84.368	Max WS	TR200_TP06H	3.24	98.83	99.53	99.56	99.76	0.036450	2.12	1.53	4.02	1.10
BV16307	84.368	Max WS	TR200_TP08H	2.80	98.83	99.49	99.52	99.71	0.037224	2.06	1.36	3.81	1.10
BV16307	84.368	Max WS	TR030_TP05H	4.84	98.83	99.66	99.69	99.94	0.035328	2.36	2.05	4.48	1.11
BV16307	84.368	Max WS	TR030_TP01H	4.79	98.83	99.65	99.69	99.94	0.035224	2.35	2.04	4.47	1.11
BV16307	84.368	Max WS	TR030_TP02H	3.78	98.83	99.58	99.61	99.83	0.036424	2.21	1.71	4.21	1.11
BV16307	84.368	Max WS	TR030_TP03H	3.23	98.83	99.53	99.56	99.76	0.036541	2.12	1.52	4.01	1.10
BV16307	84.368	Max WS	TR030_TP04H	2.84	98.83	99.50	99.52	99.71	0.037259	2.07	1.37	3.83	1.10
BV16307	84.368	Max WS	TR030_TP06H	2.29	98.83	99.44	99.46	99.63	0.036901	1.95	1.17	3.56	1.08
BV16307	84.368	Max WS	TR030_TP08H	1.95	98.83	99.40	99.42	99.58	0.038131	1.89	1.03	3.35	1.09
BV16307	79.158	Max WS	TR200_TP03H	5.10	97.91	98.83	98.84	99.10	0.030646	2.30	2.21	4.40	1.04
BV16307	79.158	Max WS	TR200_TP01H	7.06	97.91	98.96	98.98	99.28	0.030366	2.49	2.83	4.96	1.05
BV16307	79.158	Max WS	TR200_TP02H	5.77	97.91	98.87	98.89	99.16	0.030653	2.38	2.42	4.60	1.05
BV16307	79.158	Max WS	TR200_TP05H	7.40	97.91	98.98	99.00	99.30	0.030640	2.53	2.92	5.04	1.06
BV16307	79.158	Max WS	TR200_TP04H	4.33	97.91	98.76	98.77	99.02	0.031251	2.23	1.94	4.14	1.04
BV16307	79.158	Max WS	TR200_TP06H	3.57	97.91	98.69	98.70	98.93	0.032134	2.14	1.66	3.84	1.04
BV16307	79.158	Max WS	TR200_TP08H	3.05	97.91	98.65	98.65	98.86	0.032259	2.06	1.48	3.63	1.03
BV16307	79.158	Max WS	TR030_TP05H	5.38	97.91	98.85	98.86	99.13	0.030644	2.34	2.30	4.49	1.04
BV16307	79.158	Max WS	TR030_TP01H	5.33	97.91	98.84	98.86	99.12	0.030650	2.33	2.29	4.47	1.04
BV16307	79.158	Max WS	TR030_TP02H	4.18	97.91	98.75	98.76	99.00	0.031271	2.21	1.89	4.08	1.04
BV16307	79.158	Max WS	TR030_TP03H	3.54	97.91	98.69	98.70	98.93	0.032175	2.14	1.66	3.83	1.04
BV16307	79.158	Max WS	TR030_TP04H	3.09	97.91	98.65	98.66	98.87	0.032265	2.07	1.50	3.65	1.03
BV16307	79.158	Max WS	TR030_TP06H	2.51	97.91	98.59	98.59	98.79	0.033030	1.98	1.27	3.39	1.03
BV16307	79.158	Max WS	TR030_TP08H	2.13	97.91	98.54	98.54	98.72	0.032515	1.88	1.13	3.22	1.01
BV16307	73.947	Max WS	TR200_TP03H	5.28	97.00	97.85	97.94	98.22	0.048652	2.69	1.96	4.45	1.30
BV16307	73.947	Max WS	TR200_TP01H	7.18	97.00	97.94	98.07	98.39	0.051517	2.97	2.42	4.95	1.36
BV16307	73.947	Max WS	TR200_TP02H	5.96	97.00	97.88	97.99	98.28	0.049653	2.80	2.13	4.64	1.32
BV16307	73.947	Max WS	TR200_TP05H	7.47	97.00	97.96	98.08	98.42	0.051974	3.01	2.48	5.01	1.37
BV16307	73.947	Max WS	TR200_TP04H	4.52	97.00	97.80	97.88	98.13	0.046892	2.56	1.77	4.22	1.26
BV16307	73.947	Max WS	TR200_TP06H	3.74	97.00	97.75	97.82	98.04	0.044994	2.40	1.56	3.96	1.22
BV16307	73.947	Max WS	TR200_TP08H	3.21	97.00	97.71	97.76	97.98	0.043654	2.29	1.40	3.75	1.19
BV16307	73.947	Max WS	TR030_TP05H	5.58	97.00	97.86	97.96	98.25	0.049226	2.74	2.03	4.53	1.31
BV16307	73.947	Max WS	TR030_TP01H	5.51	97.00	97.86	97.96	98.24	0.049119	2.73	2.02	4.51	1.31
BV16307	73.947	Max WS	TR030_TP02H	4.38	97.00	97.79	97.87	98.12	0.046689	2.53	1.73	4.17	1.26
BV16307	73.947	Max WS	TR030_TP03H	3.72	97.00	97.75	97.81	98.04	0.044921	2.40	1.55	3.95	1.22
BV16307	73.947	Max WS	TR030_TP04H	3.25	97.00	97.71	97.77	97.98	0.043602	2.29	1.42	3.77	1.19
BV16307	73.947	Max WS	TR030_TP06H	2.65	97.00	97.66	97.70	97.90	0.043208	2.18	1.22	3.49	1.17
BV16307	73.947	Max WS	TR030_TP08H	2.25	97.00	97.62	97.65	97.84	0.042332	2.07	1.08	3.28	1.15
BV16307	68.737	Max WS	TR200_TP03H	3.62	96.05	96.71	96.76	96.98	0.042788	2.28	1.59	4.24	1.19
BV16307	68.737	Max WS	TR200_TP01H	4.24	96.05	96.76	96.80	97.05	0.041536	2.38	1.78	4.32	1.19
BV16307	68.737	Max WS	TR200_TP02H	3.90	96.05	96.73	96.78	97.01	0.042489	2.33	1.67	4.28	1.19
BV16307	68.737	Max WS	TR200_TP05H	4.34	96.05	96.76	96.81	97.06	0.041346	2.40	1.81	4.32	1.18
BV16307	68.737	Max WS	TR200_TP04H	3.40	96.05	96.70	96.74	96.95	0.042238	2.24	1.52	4.16	1.18
BV16307	68.737	Max WS	TR200_TP06H	3.09	96.05	96.67	96.71	96.91	0.041817	2.18	1.42	4.02	1.17
BV16307	68.737	Max WS	TR200_TP08H	2.88	96.05	96.65	96.69	96.89	0.042147	2.14	1.34	3.91	1.17
BV16307	68.737	Max WS	TR030_TP05H	3.74	96.05	96.72	96.77	96.99	0.042832	2.31	1.62	4.27	1.19
BV16307	68.737	Max WS	TR030_TP01H	3.68	96.05	96.72	96.76	96.98	0.042885	2.30	1.60	4.26	1.19
BV16307	68.737	Max WS	TR030_TP02H	3.34	96.05	96.69	96.73	96.94	0.042145	2.22	1.50	4.13	1.18
BV16307	68.737	Max WS	TR030_TP03H	3.08	96.05	96.67	96.71	96.91	0.041870	2.18	1.42	4.01	1.17
BV16307	68.737	Max WS	TR030_TP04H	2.90	96.05	96.65	96.70	96.89	0.042195	2.15	1.35	3.92	1.17
BV16307	68.737	Max WS	TR030_TP06H	2.56	96.05	96.62	96.66	96.84	0.042235	2.08	1.23	3.74	1.16
BV16307	68.737	Max WS	TR030_TP08H	2.27	96.05	96.60	96.63	96.80	0.040866	2.00	1.14	3.59	1.13
BV16307	63.526	Max WS	TR200_TP03H	4.32	95.16	95.78	95.81	96.02	0.033686	2.17	1.99	4.87	1.09
BV16307	63.526	Max WS	TR200_TP01H	5.11	95.16	95.84	95.87	96.09	0.032683	2.23	2.29	5.29	1.08
BV16307	63.526	Max WS	TR200_TP02H	4.70	95.16	95.81	95.84	96.06	0.032748	2.19	2.15	5.10	1.08
BV16307	63.526	Max WS	TR200_TP05H	5.22	95.16	95.85	95.87	96.10	0.032464	2.23	2.34	5.35	1.08
BV16307	63.526	Max WS	TR200_TP04H	3.99	95.16	95.75	95.78	95.99	0.035424	2.18	1.83	4.65	1.11
BV16307	63.526	Max WS	TR200_TP06H	3.52	95.16	95.71	95.74	95.94	0.035950	2.12	1.66	4.45	1.11
BV16307	63.526	Max WS	TR200_TP08H	3.23	95.16	95.69	95.71	95.91	0.036353	2.08	1.56	4.35	1.11
BV16307	63.526	Max WS	TR030_TP05H	4.50	95.16	95.80	95.82	96.04	0.033025	2.18	2.07	4.98	1.08
BV16307	63.526	Max WS	TR030_TP01H	4.41	95.16	95.79	95.81	96.03	0.033274	2.17	2.03	4.93	1.08
BV16307	63.526	Max WS	TR030_TP02H	3.90	95.16	95.74	95.77	95.98	0.035459	2.17	1.80	4.60	1.11
BV16307	63.526	Max WS	TR030_TP03H	3.50	95.16	95.71	95.74	95.94	0.035994	2.12	1.66	4.44	1.11
BV16307	63.526	Max WS	TR030_TP04H	3.26	95.16	95.69	95.71	95.91	0.036333	2.08	1.57	4.35	1.11
BV16307	63.526	Max WS	TR030_TP06H	2.76	95.16	95.64	95.67	95.85	0.038986	2.03	1.36	4.14	1.13
BV16307	63.526	Max WS	TR030_TP08H	2.42	95.16	95.61	95.64	95.81	0.040962	1.99	1.22	3.98	1.15
BV16307	58.316	Max WS	TR200_TP03H	4.96	93.82	94.90	94.95	95.24	0.037198	2.60	1.91	3.38	1.11
BV16307	58.316	Max WS	TR200_TP01H	5.87	93.82	94.98	95.04	95.34	0.036256	2.66	2.20	3.72	1.10
BV16307	58.316	Max WS	TR200_TP02H	5.47	93.82	94.95	95.00	95.30	0.037038	2.65	2.07	3.56	1.11
BV16307	58.316	Max WS	TR200_TP05H	5.99	93.82	94.99	95.05	95.36	0.036219	2.67	2.25	3.78	1.10
BV16307	58.316	Max WS	TR200_TP04H	4.42	93.82	94.85	94.89	95.18	0.036817	2.53	1.75	3.18	1.09
BV16307	58.316	Max WS	TR200_TP06H	3.90	93.82	94.79	94.83	95.11	0.038350	2.51	1.55	2.94	1.10
BV16307	58.316	Max WS	TR200_TP08H	3.54	93.82	94.74	94.79	95.06	0.039323	2.48	1.43	2.82	1.11
BV16307	58.316	Max WS	TR030_TP05H	5.23	93.82	94.92	94.97	95.28	0.037255	2.63	1.99	3.48	1.11
BV16307	58.316	Max WS	TR030_TP01H	5.11	93.82	94.91	94.96	95					

HEC-RAS River: BV16307 Reach: BV16307 Profile: Max WS (Continued)

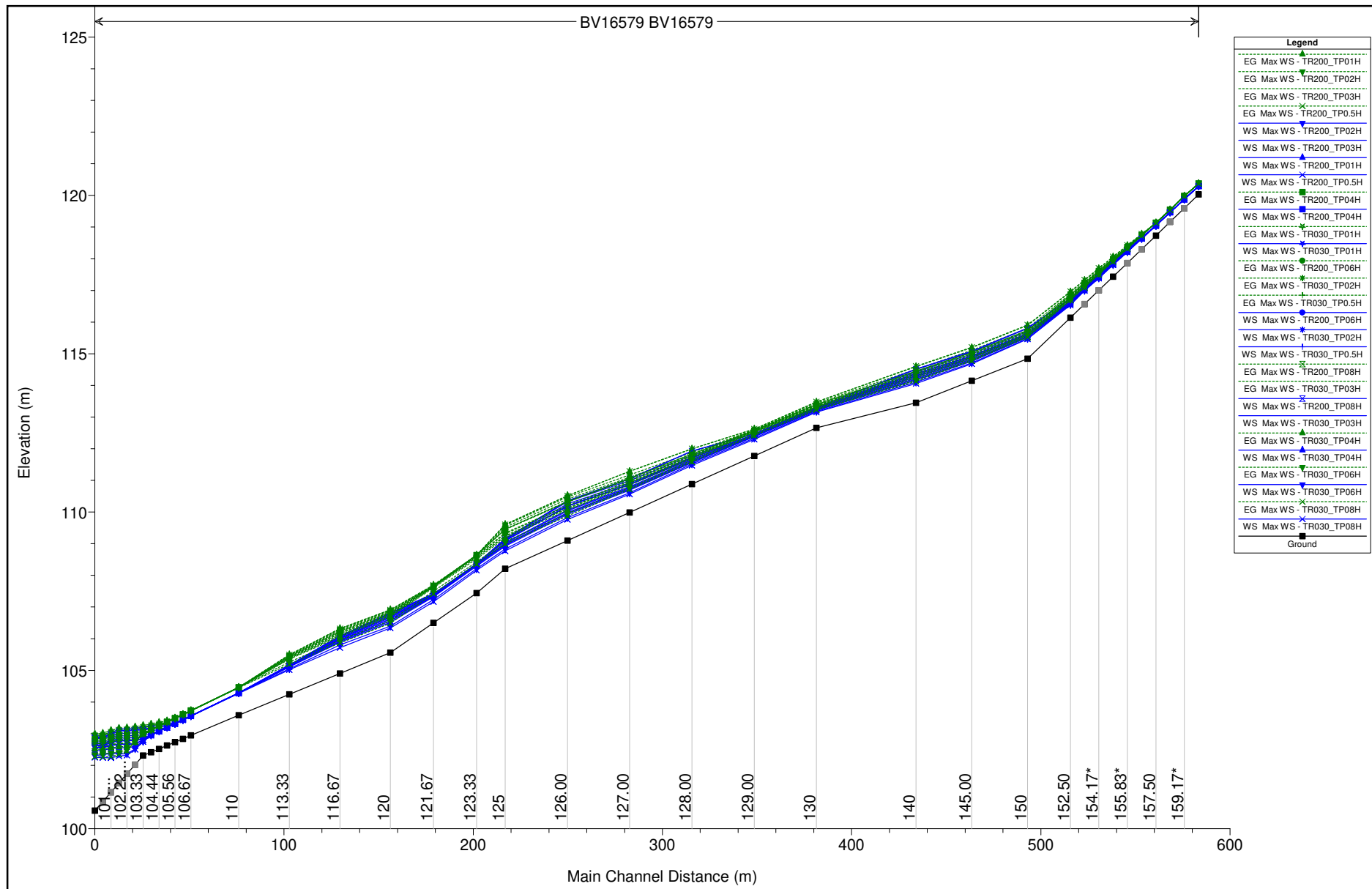
Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
BV16307	58.316	Max WS	TR030_TP08H	2.58	93.82	94.64	94.66	94.90	0.037688	2.25	1.15	2.54	1.07
BV16307	56.866*	Max WS	TR200_TP03H	5.41	93.10	94.32		94.50	0.015650	1.90	2.85	4.36	0.75
BV16307	56.866*	Max WS	TR200_TP01H	6.67	93.10	94.40		94.62	0.017278	2.09	3.20	4.51	0.79
BV16307	56.866*	Max WS	TR200_TP02H	6.00	93.10	94.36		94.56	0.016394	1.99	3.02	4.43	0.77
BV16307	56.866*	Max WS	TR200_TP05H	6.89	93.10	94.41		94.64	0.017718	2.12	3.24	4.53	0.80
BV16307	56.866*	Max WS	TR200_TP04H	4.89	93.10	94.28		94.45	0.015316	1.83	2.67	4.28	0.74
BV16307	56.866*	Max WS	TR200_TP06H	4.24	93.10	94.16		94.35	0.019176	1.92	2.21	3.92	0.82
BV16307	56.866*	Max WS	TR200_TP08H	3.79	93.10	94.04	94.02	94.28	0.027521	2.15	1.76	3.45	0.96
BV16307	56.866*	Max WS	TR030_TP05H	5.68	93.10	94.34		94.53	0.015961	1.94	2.93	4.40	0.76
BV16307	56.866*	Max WS	TR030_TP01H	5.55	93.10	94.33		94.51	0.015804	1.92	2.89	4.38	0.75
BV16307	56.866*	Max WS	TR030_TP02H	4.76	93.10	94.26		94.43	0.015414	1.82	2.62	4.26	0.74
BV16307	56.866*	Max WS	TR030_TP03H	4.22	93.10	94.16		94.35	0.019634	1.94	2.18	3.89	0.83
BV16307	56.866*	Max WS	TR030_TP04H	3.80	93.10	94.06		94.28	0.025683	2.10	1.81	3.50	0.93
BV16307	56.866*	Max WS	TR030_TP06H	3.14	93.10	93.94	93.95	94.19	0.032565	2.19	1.43	3.11	1.03
BV16307	56.866*	Max WS	TR030_TP08H	2.69	93.10	93.86	93.89	94.12	0.039119	2.26	1.19	2.84	1.11
BV16307	55.415	Max WS	TR200_TP03H	4.76	92.37	94.25		94.27	0.001200	0.73	6.48	4.96	0.21
BV16307	55.415	Max WS	TR200_TP01H	5.29	92.37	94.35		94.38	0.001203	0.76	6.98	4.96	0.20
BV16307	55.415	Max WS	TR200_TP02H	4.99	92.37	94.30		94.32	0.001187	0.74	6.73	4.96	0.20
BV16307	55.415	Max WS	TR200_TP05H	5.44	92.37	94.36		94.39	0.001240	0.77	7.04	4.96	0.21
BV16307	55.415	Max WS	TR200_TP04H	4.65	92.37	94.19		94.22	0.001295	0.75	6.20	4.96	0.21
BV16307	55.415	Max WS	TR200_TP06H	4.40	92.37	94.03		94.06	0.001735	0.82	5.39	4.96	0.25
BV16307	55.415	Max WS	TR200_TP08H	3.94	92.37	93.79		93.83	0.002868	0.94	4.21	4.96	0.32
BV16307	55.415	Max WS	TR030_TP05H	4.85	92.37	94.27		94.30	0.001178	0.73	6.61	4.96	0.20
BV16307	55.415	Max WS	TR030_TP01H	4.81	92.37	94.26		94.29	0.001190	0.73	6.55	4.96	0.20
BV16307	55.415	Max WS	TR030_TP02H	4.63	92.37	94.17		94.20	0.001338	0.76	6.11	4.96	0.22
BV16307	55.415	Max WS	TR030_TP03H	4.38	92.37	94.02		94.05	0.001774	0.82	5.34	4.96	0.25
BV16307	55.415	Max WS	TR030_TP04H	3.90	92.37	93.84		93.88	0.002350	0.87	4.47	4.96	0.29
BV16307	55.415	Max WS	TR030_TP06H	3.26	92.37	93.50		93.57	0.005948	1.15	2.82	4.48	0.46
BV16307	55.415	Max WS	TR030_TP08H	2.79	92.37	93.32		93.41	0.009887	1.35	2.06	3.81	0.59
BV16307	55	Max WS	TR200_TP03H	5.39	92.17	94.09	93.23	94.21	0.002384	1.53	3.53	5.01	0.37
BV16307	55	Max WS	TR200_TP01H	5.68	92.17	94.21	93.26	94.32	0.002159	1.51	3.75	5.01	0.35
BV16307	55	Max WS	TR200_TP02H	5.53	92.17	94.15	93.25	94.27	0.002272	1.52	3.64	5.01	0.36
BV16307	55	Max WS	TR200_TP05H	5.72	92.17	94.22	93.27	94.34	0.002131	1.51	3.78	5.01	0.35
BV16307	55	Max WS	TR200_TP04H	5.23	92.17	94.04	93.21	94.16	0.002503	1.53	3.42	5.01	0.37
BV16307	55	Max WS	TR200_TP06H	4.78	92.17	93.88	93.16	94.00	0.002895	1.54	3.10	5.01	0.40
BV16307	55	Max WS	TR200_TP08H	4.11	92.17	93.65	93.08	93.77	0.003680	1.56	2.64	5.01	0.43
BV16307	55	Max WS	TR030_TP05H	5.46	92.17	94.12	93.24	94.24	0.002330	1.52	3.58	5.01	0.36
BV16307	55	Max WS	TR030_TP01H	5.43	92.17	94.11	93.23	94.23	0.002356	1.53	3.56	5.01	0.37
BV16307	55	Max WS	TR030_TP02H	5.18	92.17	94.02	93.21	94.14	0.002540	1.53	3.38	5.01	0.38
BV16307	55	Max WS	TR030_TP03H	4.75	92.17	93.87	93.16	93.99	0.002927	1.54	3.08	5.01	0.40
BV16307	55	Max WS	TR030_TP04H	4.24	92.17	93.69	93.10	93.81	0.003506	1.56	2.72	5.01	0.43
BV16307	55	Max WS	TR030_TP06H	3.33	92.17	93.37	92.98	93.50	0.005257	1.60	2.09	4.90	0.50
BV16307	55	Max WS	TR030_TP08H	2.82	92.17	93.21	92.91	93.34	0.006583	1.60	1.76	4.30	0.54
BV16307	50		Bridge										
BV16307	45	Max WS	TR200_TP03H	5.39	91.99	92.85	92.97	93.42	0.039422	3.36	1.60	4.14	1.29
BV16307	45	Max WS	TR200_TP01H	5.68	91.99	92.87	93.00	93.47	0.039662	3.44	1.65	4.21	1.30
BV16307	45	Max WS	TR200_TP02H	5.53	91.99	92.86	92.99	93.45	0.039619	3.40	1.63	4.17	1.29
BV16307	45	Max WS	TR200_TP05H	5.72	91.99	92.87	93.00	93.48	0.039676	3.45	1.66	4.22	1.30
BV16307	45	Max WS	TR200_TP04H	5.23	91.99	92.84	92.95	93.40	0.039452	3.32	1.57	4.10	1.28
BV16307	45	Max WS	TR200_TP06H	4.78	91.99	92.80	92.91	93.32	0.038368	3.18	1.50	4.00	1.26
BV16307	45	Max WS	TR200_TP08H	4.11	91.99	92.76	92.84	93.20	0.036477	2.95	1.40	3.84	1.21
BV16307	45	Max WS	TR030_TP05H	5.45	91.99	92.85	92.98	93.43	0.039426	3.38	1.61	4.15	1.29
BV16307	45	Max WS	TR030_TP01H	5.43	91.99	92.85	92.98	93.43	0.039410	3.37	1.61	4.15	1.29
BV16307	45	Max WS	TR030_TP02H	5.18	91.99	92.83	92.95	93.39	0.039422	3.31	1.57	4.09	1.28
BV16307	45	Max WS	TR030_TP03H	4.75	91.99	92.80	92.90	93.31	0.038333	3.17	1.50	3.99	1.25
BV16307	45	Max WS	TR030_TP04H	4.24	91.99	92.77	92.85	93.22	0.036605	2.99	1.42	3.88	1.21
BV16307	45	Max WS	TR030_TP06H	3.33	91.99	92.69	92.75	93.06	0.035324	2.68	1.24	3.62	1.17
BV16307	45	Max WS	TR030_TP08H	2.82	91.99	92.64	92.68	92.96	0.034059	2.48	1.14	3.47	1.13
BV16307	44.99		Lat Struct										
BV16307	44.98		Lat Struct										
BV16307	10	Max WS	TR200_TP03H	5.74	91.20	92.20	92.24	92.45	0.045242	2.22	2.58	7.12	1.18
BV16307	10	Max WS	TR200_TP01H	6.44	91.20	92.24	92.27	92.49	0.040787	2.24	2.87	7.19	1.13
BV16307	10	Max WS	TR200_TP02H	6.00	91.20	92.21	92.25	92.46	0.042683	2.21	2.71	7.17	1.15
BV16307	10	Max WS	TR200_TP05H	6.53	91.20	92.24	92.27	92.50	0.040179	2.24	2.91	7.19	1.12
BV16307	10	Max WS	TR200_TP04H	5.38	91.20	92.18	92.22	92.42	0.046729	2.19	2.45	7.05	1.19
BV16307	10	Max WS	TR200_TP06H	4.81	91.20	92.15	92.19	92.38	0.049263	2.15	2.24	6.96	1.21
BV16307	10	Max WS	TR200_TP08H	4.15	91.20	92.11	92.16	92.33	0.052455	2.08	1.99	6.84	1.23
BV16307	10	Max WS	TR030_TP05H	5.82	91.20	92.20	92.24	92.45	0.043743	2.21	2.64	7.14	1.16
BV16307	10	Max WS	TR030_TP01H	5.84	91.20	92.20	92.24	92.46	0.044797	2.23	2.62	7.13	1.17
BV16307	10	Max WS	TR030_TP02H	5.29	91.20	92.17	92.21	92.42	0.047191	2.19	2.42	7.04	1.19
BV16307	10	Max WS	TR030_TP03H	4.78	91.20	92.15	92.19	92.38	0.049487	2.15	2.23	6.95	1.21
BV16307	10	Max WS	TR030_TP04H	4.26	91.20	92.12	92.16	92.34	0.051026	2.08	2.05	6.87	1.22
BV16307	10	Max WS	TR030_TP06H	3.34	91.20	92.06	92.11	92.27	0.062447	2.07	1.61	6.31	1.31
BV16307	10	Max WS	TR030_TP08H	2.82	91.20	92.02	92.08	92.23	0.056225	2.02	1.40	5.16	1.24
BV16307	9.0000*	Max WS	TR200_TP03H	5.65	90.63	91.60	91.73	91.95	0.048259	2.63	2.14	4.75	1.25
BV16307	9.0000*	Max WS	TR200_TP01H	6.56	90.63	91.68	91.77	92.01	0.049802	2.54	2.58	6.38	1.27
BV16307	9.0000*	Max WS	TR200_TP02H	6.06	90.63	91.63	91.75	91.98	0.047296	2.62	2.31	5.13	1.25
BV16307	9.0000*	Max WS	TR200_TP05H	6.68	90.63	91.69	91.78	92.01	0.050217	2.50	2.67	6.85	1.28
BV16307	9.0000*	Max WS	TR200_TP04H	5.29	90.63	91.57	91.70	91.92	0.047839	2.62	2.02	4.44	1.24
BV16307	9.0000*	Max WS	TR200_TP06H	4.74	90.63	91.53	91.62	91.87	0.046441	2.57	1.84	4.02	1.22
BV16307	9.0000*	Max WS	TR200_TP08H	4.13	90.63	91.48	91.55	91.80	0.045414	2.50	1.65	3.67	1.19
BV16307	9.0000*	Max WS	TR030_TP05H	5.84	90.63	91.61	91.74	91.97	0.047998	2.63	2.22	4.92	1.25
BV16307	9.0000*	Max WS	TR030_TP01H	5.74	90.63	91.61	91.73	91.96	0.048179	2.63	2.18	4.83	1.25
BV16307	9.0000*	Max WS	TR030_TP02H	5.20	90.63	91.57	91.70	91.91	0.047585	2.61	1.99	4.38	1.24
BV16307	9.0000*	Max WS	TR030_TP03H	4.71	90.63	91.53	91.62	91.86	0.046354	2.57	1.83	4.00	1.21

HEC-RAS River: BV16307 Reach: BV16307 Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
BV16307	9.0000*	Max WS	TR030 TP04H	4.24	90.63	91.49	91.57	91.81	0.045505	2.52	1.68	3.72	1.19
BV16307	9.0000*	Max WS	TR030 TP06H	3.34	90.63	91.41	91.46	91.70	0.045867	2.37	1.41	3.42	1.18
BV16307	9.0000*	Max WS	TR030 TP08H	2.82	90.63	91.36	91.41	91.62	0.045431	2.26	1.25	3.25	1.16
BV16307	8.0000*	Max WS	TR200 TP03H	5.69	90.07	91.02	91.10	91.38	0.041943	2.64	2.15	4.20	1.18
BV16307	8.0000*	Max WS	TR200 TP01H	6.99	90.07	91.12	91.21	91.49	0.042542	2.73	2.57	4.89	1.20
BV16307	8.0000*	Max WS	TR200 TP02H	6.20	90.07	91.06	91.15	91.43	0.041746	2.69	2.31	4.37	1.18
BV16307	8.0000*	Max WS	TR200 TP0.5H	7.24	90.07	91.13	91.22	91.51	0.042290	2.72	2.66	5.06	1.20
BV16307	8.0000*	Max WS	TR200 TP04H	5.29	90.07	91.00	91.06	91.34	0.042158	2.59	2.04	4.11	1.17
BV16307	8.0000*	Max WS	TR200 TP06H	4.74	90.07	90.96	91.02	91.28	0.041800	2.50	1.89	3.99	1.16
BV16307	8.0000*	Max WS	TR200 TP08H	4.13	90.07	90.92	90.96	91.21	0.039871	2.36	1.75	3.88	1.12
BV16307	8.0000*	Max WS	TR030 TP0.5H	5.92	90.07	91.04	91.12	91.40	0.041773	2.66	2.22	4.27	1.18
BV16307	8.0000*	Max WS	TR030 TP01H	5.80	90.07	91.03	91.11	91.39	0.041855	2.65	2.19	4.24	1.18
BV16307	8.0000*	Max WS	TR030 TP02H	5.21	90.07	90.99	91.05	91.33	0.042146	2.58	2.02	4.09	1.17
BV16307	8.0000*	Max WS	TR030 TP03H	4.71	90.07	90.96	91.02	91.28	0.041687	2.50	1.89	3.99	1.16
BV16307	8.0000*	Max WS	TR030 TP04H	4.24	90.07	90.93	91.07	91.22	0.040076	2.39	1.78	3.90	1.13
BV16307	8.0000*	Max WS	TR030 TP06H	3.34	90.07	90.86	90.89	91.11	0.039540	2.21	1.51	3.68	1.10
BV16307	8.0000*	Max WS	TR030 TP08H	2.82	90.07	90.81	90.83	91.04	0.039941	2.11	1.34	3.53	1.09
BV16307	7.0000*	Max WS	TR200 TP03H	5.69	89.50	90.50	90.54	90.82	0.037965	2.49	2.28	4.43	1.11
BV16307	7.0000*	Max WS	TR200 TP01H	6.99	89.50	90.62	90.64	90.93	0.032051	2.46	2.84	5.01	1.04
BV16307	7.0000*	Max WS	TR200 TP02H	6.20	89.50	90.55	90.58	90.86	0.035250	2.49	2.49	4.60	1.08
BV16307	7.0000*	Max WS	TR200 TP0.5H	7.23	89.50	90.65	90.66	90.95	0.031299	2.43	2.97	5.26	1.03
BV16307	7.0000*	Max WS	TR200 TP04H	5.29	89.50	90.46	90.51	90.78	0.040281	2.50	2.12	4.30	1.13
BV16307	7.0000*	Max WS	TR200 TP06H	4.74	89.50	90.41	90.46	90.73	0.045133	2.52	1.88	4.09	1.19
BV16307	7.0000*	Max WS	TR200 TP08H	4.13	89.50	90.34	90.42	90.67	0.050852	2.53	1.64	3.87	1.24
BV16307	7.0000*	Max WS	TR030 TP0.5H	5.91	89.50	90.52	90.56	90.84	0.036826	2.49	2.37	4.51	1.10
BV16307	7.0000*	Max WS	TR030 TP01H	5.80	89.50	90.51	90.55	90.83	0.037313	2.49	2.33	4.47	1.10
BV16307	7.0000*	Max WS	TR030 TP02H	5.20	89.50	90.45	90.51	90.77	0.041008	2.50	2.08	4.27	1.14
BV16307	7.0000*	Max WS	TR030 TP03H	4.71	89.50	90.40	90.46	90.73	0.045528	2.52	1.87	4.08	1.19
BV16307	7.0000*	Max WS	TR030 TP04H	4.23	89.50	90.35	90.42	90.68	0.050610	2.54	1.67	3.90	1.24
BV16307	7.0000*	Max WS	TR030 TP06H	3.34	89.50	90.27	90.34	90.58	0.056356	2.46	1.36	3.60	1.28
BV16307	7.0000*	Max WS	TR030 TP08H	2.82	89.50	90.22	90.30	90.51	0.052770	2.40	1.18	3.02	1.23
BV16307	6.0000*	Max WS	TR200 TP03H	6.33	88.93	90.02	90.06	90.34	0.036555	2.49	2.54	4.64	1.08
BV16307	6.0000*	Max WS	TR200 TP01H	8.79	88.93	90.19	90.23	90.53	0.034496	2.58	3.40	5.80	1.08
BV16307	6.0000*	Max WS	TR200 TP02H	7.32	88.93	90.10	90.12	90.42	0.034807	2.53	2.90	5.05	1.07
BV16307	6.0000*	Max WS	TR200 TP0.5H	9.29	88.93	90.22	90.26	90.57	0.034789	2.60	3.57	6.10	1.09
BV16307	6.0000*	Max WS	TR200 TP04H	5.58	88.93	89.96	90.00	90.27	0.038339	2.47	2.26	4.30	1.09
BV16307	6.0000*	Max WS	TR200 TP06H	4.80	88.93	89.83	89.93	90.21	0.043367	2.72	1.77	3.04	1.14
BV16307	6.0000*	Max WS	TR200 TP08H	4.14	88.93	89.73	89.81	90.12	0.043965	2.74	1.51	2.53	1.13
BV16307	6.0000*	Max WS	TR030 TP0.5H	6.72	88.93	90.06	90.09	90.38	0.035744	2.51	2.68	4.80	1.07
BV16307	6.0000*	Max WS	TR030 TP01H	6.53	88.93	90.04	90.07	90.36	0.036132	2.50	2.61	4.72	1.07
BV16307	6.0000*	Max WS	TR030 TP02H	5.40	88.93	89.94	89.98	90.26	0.039536	2.48	2.17	4.20	1.10
BV16307	6.0000*	Max WS	TR030 TP03H	4.77	88.93	89.83	89.93	90.20	0.043180	2.72	1.75	2.97	1.13
BV16307	6.0000*	Max WS	TR030 TP04H	4.23	88.93	89.75	89.84	90.13	0.043865	2.75	1.54	2.55	1.13
BV16307	6.0000*	Max WS	TR030 TP06H	3.34	88.93	89.64	89.69	89.99	0.045091	2.60	1.28	2.42	1.14
BV16307	6.0000*	Max WS	TR030 TP08H	2.82	88.93	89.57	89.63	89.90	0.046955	2.52	1.12	2.33	1.16
BV16307	5	Max WS	TR200 TP03H	6.36	88.36	89.62		89.84	0.021519	2.04	3.11	4.96	0.82
BV16307	5	Max WS	TR200 TP01H	8.86	88.36	89.79		90.03	0.024304	2.17	4.09	6.89	0.90
BV16307	5	Max WS	TR200 TP02H	7.36	88.36	89.70		89.92	0.022809	2.08	3.53	5.87	0.86
BV16307	5	Max WS	TR200 TP0.5H	9.36	88.36	89.81		90.06	0.024755	2.19	4.27	7.18	0.91
BV16307	5	Max WS	TR200 TP04H	5.59	88.36	89.56		89.76	0.019590	1.98	2.82	4.25	0.78
BV16307	5	Max WS	TR200 TP06H	4.80	88.36	89.38		89.62	0.020548	2.17	2.21	2.79	0.78
BV16307	5	Max WS	TR200 TP08H	4.14	88.36	89.26		89.50	0.023051	2.18	1.90	2.66	0.82
BV16307	5	Max WS	TR030 TP0.5H	6.75	88.36	89.65		89.87	0.022283	2.07	3.27	5.31	0.84
BV16307	5	Max WS	TR030 TP01H	6.55	88.36	89.64		89.85	0.021973	2.06	3.19	5.13	0.83
BV16307	5	Max WS	TR030 TP02H	5.41	88.36	89.54		89.74	0.019257	1.99	2.72	3.99	0.77
BV16307	5	Max WS	TR030 TP03H	4.77	88.36	89.37		89.61	0.020780	2.17	2.19	2.78	0.78
BV16307	5	Max WS	TR030 TP04H	4.23	88.36	89.27		89.52	0.023182	2.19	1.93	2.67	0.82
BV16307	5	Max WS	TR030 TP06H	3.34	88.36	89.17		89.38	0.021711	2.01	1.67	2.57	0.80
BV16307	5	Max WS	TR030 TP08H	2.81	88.36	89.09		89.28	0.021839	1.92	1.47	2.49	0.80
BV16307	2	Max WS	TR200 TP03H	6.60	87.30	88.77		89.01	0.036089	2.17	3.05	6.91	1.04
BV16307	2	Max WS	TR200 TP01H	9.40	87.30	88.89	88.91	89.18	0.035662	2.41	3.91	7.49	1.06
BV16307	2	Max WS	TR200 TP02H	7.76	87.30	88.82	88.83	89.08	0.035809	2.27	3.42	7.16	1.05
BV16307	2	Max WS	TR200 TP0.5H	9.90	87.30	88.91	88.93	89.21	0.035573	2.44	4.05	7.58	1.07
BV16307	2	Max WS	TR200 TP04H	5.73	87.30	88.73	88.73	88.94	0.036136	2.07	2.76	6.71	1.03
BV16307	2	Max WS	TR200 TP06H	4.83	87.30	88.64		88.87	0.030376	2.14	2.26	4.19	0.93
BV16307	2	Max WS	TR200 TP08H	4.14	87.30	88.48		88.75	0.026817	2.29	1.81	2.37	0.84
BV16307	2	Max WS	TR030 TP0.5H	6.98	87.30	88.78	88.80	89.03	0.035907	2.20	3.17	7.00	1.04
BV16307	2	Max WS	TR030 TP01H	6.79	87.30	88.78	88.79	89.02	0.035920	2.18	3.11	6.95	1.04
BV16307	2	Max WS	TR030 TP02H	5.50	87.30	88.71	88.72	88.93	0.036480	2.05	2.68	6.65	1.03
BV16307	2	Max WS	TR030 TP03H	4.79	87.30	88.63		88.86	0.029468	2.15	2.23	3.97	0.92
BV16307	2	Max WS	TR030 TP04H	4.22	87.30	88.50		88.77	0.026631	2.30	1.84	2.38	0.84
BV16307	2	Max WS	TR030 TP06H	3.34	87.30	88.34		88.60	0.029755	2.26	1.48	2.18	0.88
BV16307	2	Max WS	TR030 TP08H	2.82	87.30	88.26		88.50	0.029794	2.17	1.30	2.06	0.87
BV16307	1.8571*	Max WS	TR200 TP03H	6.62	86.86	88.27	88.28	88.51	0.035870	2.19	3.02	6.78	1.05
BV16307	1.8571*	Max WS	TR200 TP01H	9.45	86.86	88.39	88.41	88.69	0.035604	2.43	3.88	7.41	1.07
BV16307	1.8571*	Max WS	TR200 TP02H	7.80	86.86	88.32	88.34	88.59	0.035947	2.31	3.38	7.05	1.06
BV16307	1.8571*	Max WS	TR200 TP0.5H	9.97	86.86	88.41	88.44	88.72	0.035662	2.47	4.03	7.51	1.08
BV16307	1.8571*	Max WS	TR200 TP04H	5.74	86.86	88.22	88.23	88.45	0.036109	2.11	2.73	6.56	1.04
BV16307	1.8571*	Max WS	TR200 TP06H	4.83	86.86	88.17	88.18	88.38	0.035986	2.01	2.41	6.20	1.03
BV16307	1.8571*	Max WS	TR200 TP08H	4.14	86.86	88.10	88.05	88.32	0.032946	2.06	2.01	4.40	0.97
BV16307	1.8571*	Max WS	TR030 TP0.5H	7.01	86.86	88.29	88.30	88.54	0.035894	2.23	3.14	6.87	1.05
BV16307	1.8571*	Max WS	TR030 TP01H	6.81	86.86	88.28	88.29	88.53	0.035875	2.21	3.08	6.83	1.05
BV16307	1.8571*	Max WS	TR030 TP02H	5.51	86.86	88.21	88.22	88.43	0.036230	2.08	2.65	6.49	1.04
BV16307	1.8571*	Max WS	TR030 TP03H	4.79	86.86	88.17	88.18	88.38	0.035890	2.01	2.38	6.10	1.03
BV16307	1.8571*	Max WS	TR030 TP04H	4.21	86.86	88.11	88.08	88.32	0.033534	2.05	2.06	4.64	0.98
BV16307	1.8571*	Max WS	TR030 TP06H	3.34	86.86	87.95	</						

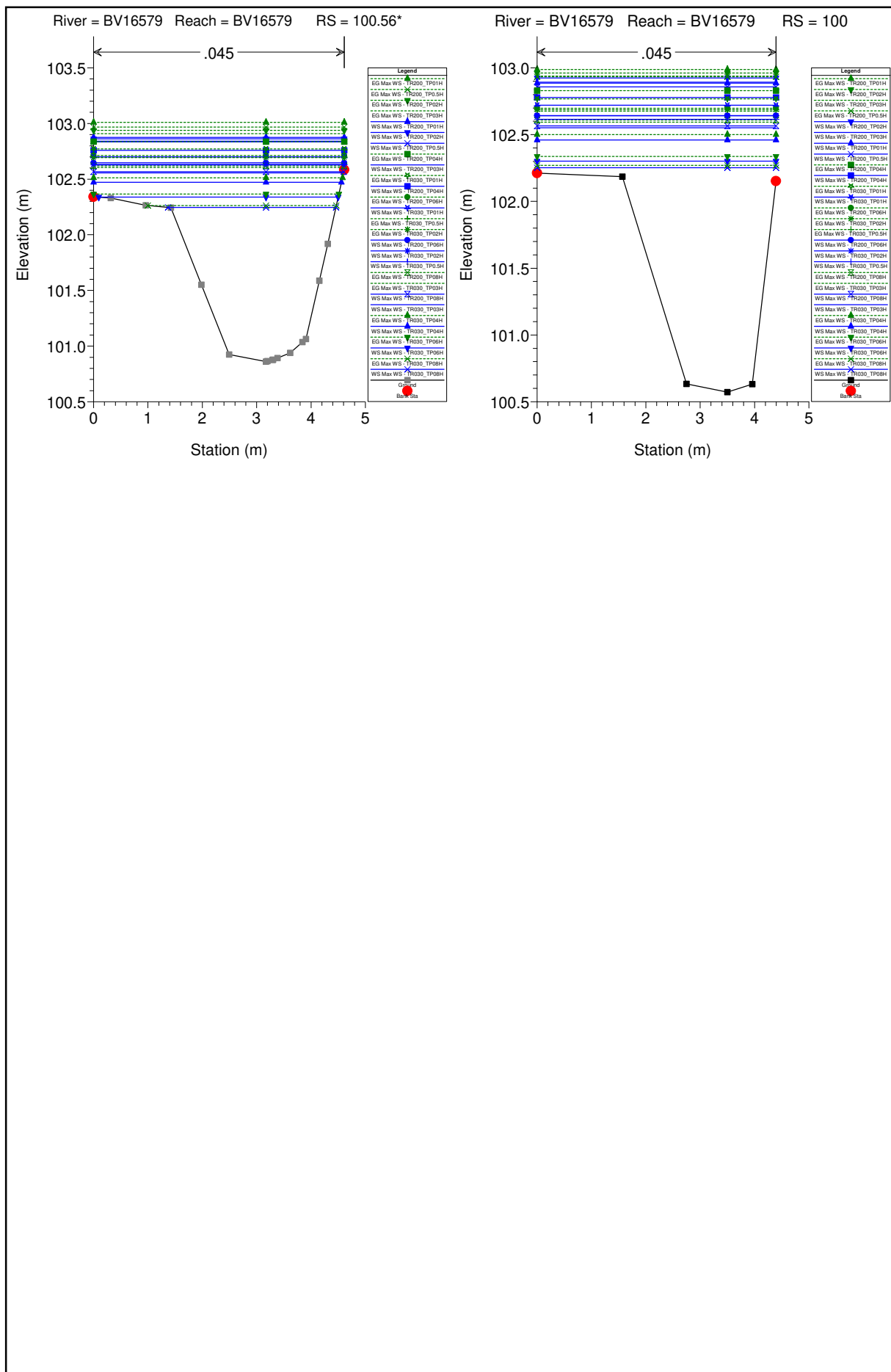
HEC-RAS River: BV16307 Reach: BV16307 Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
BV16307	1.7143*	Max WS	TR200 TP03H	6.63	86.42	87.77	87.78	88.02	0.036159	2.22	2.98	6.71	1.07
BV16307	1.7143*	Max WS	TR200 TP01H	9.48	86.42	87.89	87.92	88.20	0.035970	2.46	3.86	7.41	1.09
BV16307	1.7143*	Max WS	TR200 TP02H	7.81	86.42	87.82	87.85	88.10	0.036014	2.33	3.35	7.02	1.08
BV16307	1.7143*	Max WS	TR200 TP0.5H	10.01	86.42	87.91	87.95	88.23	0.036210	2.50	4.00	7.52	1.10
BV16307	1.7143*	Max WS	TR200 TP04H	5.75	86.42	87.72	87.74	87.96	0.036219	2.13	2.69	6.46	1.06
BV16307	1.7143*	Max WS	TR200 TP06H	4.84	86.42	87.67	87.69	87.88	0.036758	2.04	2.37	6.18	1.05
BV16307	1.7143*	Max WS	TR200 TP08H	4.13	86.42	87.63	87.64	87.82	0.035772	1.97	2.10	5.59	1.02
BV16307	1.7143*	Max WS	TR030 TP0.5H	7.01	86.42	87.78	87.80	88.04	0.036106	2.26	3.10	6.81	1.07
BV16307	1.7143*	Max WS	TR030 TP01H	6.81	86.42	87.78	87.79	88.03	0.036198	2.24	3.04	6.76	1.07
BV16307	1.7143*	Max WS	TR030 TP02H	5.51	86.42	87.71	87.73	87.94	0.036215	2.11	2.61	6.39	1.05
BV16307	1.7143*	Max WS	TR030 TP03H	4.79	86.42	87.67	87.68	87.88	0.036718	2.03	2.36	6.16	1.05
BV16307	1.7143*	Max WS	TR030 TP04H	4.20	86.42	87.63	87.64	87.83	0.035829	1.97	2.14	5.72	1.03
BV16307	1.7143*	Max WS	TR030 TP06H	3.34	86.42	87.54	87.51	87.74	0.032565	1.98	1.69	3.90	0.96
BV16307	1.7143*	Max WS	TR030 TP08H	2.81	86.42	87.45		87.66	0.028695	2.00	1.41	2.69	0.88
BV16307	1.5714*	Max WS	TR200 TP03H	6.63	85.99	87.28	87.29	87.52	0.034548	2.20	3.02	6.80	1.05
BV16307	1.5714*	Max WS	TR200 TP01H	9.45	85.99	87.40	87.42	87.70	0.034235	2.42	3.90	7.53	1.07
BV16307	1.5714*	Max WS	TR200 TP02H	7.82	85.99	87.33	87.35	87.60	0.034665	2.30	3.39	7.14	1.07
BV16307	1.5714*	Max WS	TR200 TP0.5H	10.01	85.99	87.42	87.44	87.73	0.034533	2.48	4.04	7.55	1.08
BV16307	1.5714*	Max WS	TR200 TP04H	5.73	85.99	87.23	87.24	87.46	0.034574	2.11	2.72	6.51	1.04
BV16307	1.5714*	Max WS	TR200 TP06H	4.82	85.99	87.18	87.18	87.39	0.034963	2.02	2.39	6.18	1.04
BV16307	1.5714*	Max WS	TR200 TP08H	4.14	85.99	87.13	87.14	87.33	0.036238	1.96	2.11	5.89	1.04
BV16307	1.5714*	Max WS	TR030 TP0.5H	7.01	85.99	87.29	87.31	87.55	0.034645	2.23	3.14	6.91	1.06
BV16307	1.5714*	Max WS	TR030 TP01H	6.81	85.99	87.28	87.30	87.53	0.034698	2.22	3.07	6.85	1.06
BV16307	1.5714*	Max WS	TR030 TP02H	5.50	85.99	87.22	87.23	87.44	0.034545	2.09	2.64	6.43	1.04
BV16307	1.5714*	Max WS	TR030 TP03H	4.77	85.99	87.18	87.18	87.38	0.034621	2.00	2.38	6.17	1.03
BV16307	1.5714*	Max WS	TR030 TP04H	4.20	85.99	87.14	87.14	87.33	0.036347	1.97	2.13	5.92	1.05
BV16307	1.5714*	Max WS	TR030 TP06H	3.34	85.99	87.07	87.07	87.25	0.035130	1.89	1.76	4.95	1.01
BV16307	1.5714*	Max WS	TR030 TP08H	2.79	85.99	87.01	86.99	87.19	0.032218	1.85	1.51	3.97	0.96
BV16307	1.4286*	Max WS	TR200 TP03H	6.52	85.55	86.75	86.78	87.02	0.040247	2.30	2.83	6.80	1.14
BV16307	1.4286*	Max WS	TR200 TP01H	9.32	85.55	86.84	86.91	87.21	0.044004	2.68	3.48	7.03	1.22
BV16307	1.4286*	Max WS	TR200 TP02H	7.74	85.55	86.79	86.84	87.10	0.042771	2.48	3.12	6.97	1.19
BV16307	1.4286*	Max WS	TR200 TP0.5H	9.81	85.55	86.85	86.93	87.24	0.045242	2.75	3.56	7.05	1.24
BV16307	1.4286*	Max WS	TR200 TP04H	5.55	85.55	86.71	86.74	86.94	0.036540	2.13	2.60	6.55	1.08
BV16307	1.4286*	Max WS	TR200 TP06H	4.78	85.55	86.67	86.69	86.89	0.036506	2.05	2.34	6.24	1.07
BV16307	1.4286*	Max WS	TR200 TP08H	4.12	85.55	86.63	86.64	86.83	0.037335	1.98	2.08	5.92	1.07
BV16307	1.4286*	Max WS	TR030 TP0.5H	6.95	85.55	86.76	86.80	87.05	0.040799	2.35	2.95	6.93	1.15
BV16307	1.4286*	Max WS	TR030 TP01H	6.76	85.55	86.76	86.79	87.03	0.041015	2.34	2.89	6.86	1.15
BV16307	1.4286*	Max WS	TR030 TP02H	5.50	85.55	86.70	86.73	86.94	0.038647	2.17	2.54	6.47	1.11
BV16307	1.4286*	Max WS	TR030 TP03H	4.77	85.55	86.67	86.69	86.88	0.037057	2.06	2.32	6.22	1.08
BV16307	1.4286*	Max WS	TR030 TP04H	4.18	85.55	86.63	86.65	86.83	0.036655	1.98	2.11	5.97	1.06
BV16307	1.4286*	Max WS	TR030 TP06H	3.34	85.55	86.58	86.58	86.76	0.036966	1.88	1.77	5.41	1.05
BV16307	1.4286*	Max WS	TR030 TP08H	2.78	85.55	86.53	86.53	86.70	0.035238	1.82	1.53	4.63	1.01
BV16307	1.2857*	Max WS	TR200 TP03H	3.89	85.11	86.46		86.50	0.003765	0.92	4.24	6.48	0.36
BV16307	1.2857*	Max WS	TR200 TP01H	5.30	85.11	86.37		86.48	0.010998	1.45	3.66	6.48	0.61
BV16307	1.2857*	Max WS	TR200 TP02H	3.40	85.11	86.45		86.48	0.003076	0.82	4.14	6.48	0.33
BV16307	1.2857*	Max WS	TR200 TP0.5H	6.36	85.11	86.30		86.50	0.024804	2.00	3.18	6.48	0.91
BV16307	1.2857*	Max WS	TR200 TP04H	4.00	85.11	86.43		86.48	0.004498	0.98	4.07	6.48	0.40
BV16307	1.2857*	Max WS	TR200 TP06H	3.53	85.11	86.36		86.41	0.005185	0.98	3.59	6.48	0.42
BV16307	1.2857*	Max WS	TR200 TP08H	3.41	85.11	86.30		86.36	0.006946	1.06	3.20	6.48	0.48
BV16307	1.2857*	Max WS	TR030 TP0.5H	5.68	85.11	86.21	86.23	86.45	0.035318	2.15	2.64	6.48	1.07
BV16307	1.2857*	Max WS	TR030 TP01H	5.01	85.11	86.23		86.40	0.023612	1.81	2.77	6.48	0.88
BV16307	1.2857*	Max WS	TR030 TP02H	4.81	85.11	86.22		86.38	0.023549	1.78	2.71	6.48	0.88
BV16307	1.2857*	Max WS	TR030 TP03H	3.73	85.11	86.21		86.32	0.015296	1.41	2.64	6.48	0.71
BV16307	1.2857*	Max WS	TR030 TP04H	3.45	85.11	86.19		86.29	0.015842	1.39	2.48	6.44	0.71
BV16307	1.2857*	Max WS	TR030 TP06H	2.80	85.11	86.14		86.23	0.015697	1.29	2.18	6.35	0.70
BV16307	1.2857*	Max WS	TR030 TP08H	2.54	85.11	86.10		86.19	0.018151	1.32	1.91	5.95	0.75
BV16307	1.1429*	Max WS	TR200 TP03H	5.64	84.68	86.39		86.42	0.001892	0.85	6.61	5.89	0.26
BV16307	1.1429*	Max WS	TR200 TP01H	6.12	84.68	86.29		86.34	0.002917	1.01	6.04	5.89	0.32
BV16307	1.1429*	Max WS	TR200 TP02H	5.22	84.68	86.38		86.41	0.001649	0.79	6.57	5.89	0.24
BV16307	1.1429*	Max WS	TR200 TP0.5H	5.43	84.68	86.18		86.23	0.003251	1.01	5.38	5.89	0.34
BV16307	1.1429*	Max WS	TR200 TP04H	5.53	84.68	86.36		86.40	0.001937	0.85	6.47	5.89	0.26
BV16307	1.1429*	Max WS	TR200 TP06H	5.04	84.68	86.29		86.32	0.001999	0.84	6.02	5.89	0.26
BV16307	1.1429*	Max WS	TR200 TP08H	4.84	84.68	86.22		86.25	0.002270	0.86	5.61	5.89	0.28
BV16307	1.1429*	Max WS	TR030 TP0.5H	3.84	84.68	85.96		86.00	0.003715	0.94	4.10	5.89	0.36
BV16307	1.1429*	Max WS	TR030 TP01H	4.27	84.68	86.07		86.11	0.002972	0.90	4.72	5.89	0.32
BV16307	1.1429*	Max WS	TR030 TP02H	4.33	84.68	86.11		86.15	0.002577	0.87	4.99	5.89	0.30
BV16307	1.1429*	Max WS	TR030 TP03H	3.87	84.68	86.11		86.15	0.002046	0.77	5.01	5.89	0.27
BV16307	1.1429*	Max WS	TR030 TP04H	3.76	84.68	86.09		86.12	0.002078	0.77	4.89	5.89	0.27
BV16307	1.1429*	Max WS	TR030 TP06H	3.10	84.68	86.06		86.08	0.001639	0.67	4.66	5.89	0.24
BV16307	1.1429*	Max WS	TR030 TP08H	2.80	84.68	85.99		86.01	0.001755	0.66	4.25	5.89	0.25
BV16307	1	Max WS	TR200 TP03H	-1.15	84.24	86.43		86.43	0.000030	-0.13	9.06	5.30	0.03
BV16307	1	Max WS	TR200 TP01H	-0.21	84.24	86.35		86.35	0.000001	-0.02	8.63	5.30	0.01
BV16307	1	Max WS	TR200 TP02H	-1.13	84.24	86.42		86.43	0.000029	-0.13	9.02	5.30	0.03
BV16307	1	Max WS	TR200 TP0.5H	0.48	84.24	86.22		86.22	0.000008	0.06	7.95	5.30	0.02
BV16307	1	Max WS	TR200 TP04H	-1.26	84.24	86.41		86.41	0.000038	-0.14	8.93	5.30	0.03
BV16307	1	Max WS	TR200 TP06H	-1.09	84.24	86.32		86.32	0.000033	-0.13	8.49	5.30	0.03
BV16307	1	Max WS	TR200 TP08H	-0.69	84.24	86.25		86.25	0.000015	-0.08	8.10	5.30	0.02
BV16307	1	Max WS	TR030 TP0.5H	0.76	84.24	85.98		85.98	0.000032	0.11	6.67	5.30	0.03
BV16307	1	Max WS	TR030 TP01H	0.03	84.24	86.11		86.11	0.000000	0.00	7.33	5.30	0.00
BV16307	1	Max WS	TR030 TP02H	-0.55	84.24	86.17		86.17	0.000011	-0.07	7.66	5.30	0.02
BV16307	1	Max WS	TR030 TP03H	-0.69	84.24	86.17		86.17	0.000018	-0.09	7.65	5.30	0.02
BV16307	1	Max WS	TR030 TP04H	-0.61	84.24	86.13		86.13	0.000015	-0.08	7.48	5.30	0.02
BV16307	1	Max WS	TR030 TP06H	-0.89	84.24	86.10		86.10	0.000034	-0.12	7.31	5.30	0.03
BV16307	1	Max WS	TR030 TP08H	-0.91	84.24	86.03		86.03	0.000041	-0.13	6.94	5.30	0.04









HEC-RAS River: BV16579 Reach: BV16579 Profile: Max WS

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
BV16579	160	Max WS	TR200_TP03H	0.20	120.03	120.30	120.30	120.37	0.045038	1.18	0.17	1.20	1.01
BV16579	160	Max WS	TR200_TP01H	0.20	120.03	120.30	120.30	120.37	0.045038	1.18	0.17	1.20	1.01
BV16579	160	Max WS	TR200_TP02H	0.20	120.03	120.30	120.30	120.37	0.045038	1.18	0.17	1.20	1.01
BV16579	160	Max WS	TR200_TP05H	0.20	120.03	120.30	120.30	120.37	0.045038	1.18	0.17	1.20	1.01
BV16579	160	Max WS	TR200_TP04H	0.20	120.03	120.30	120.30	120.37	0.045038	1.18	0.17	1.20	1.01
BV16579	160	Max WS	TR200_TP06H	0.20	120.03	120.30	120.30	120.37	0.045038	1.18	0.17	1.20	1.01
BV16579	160	Max WS	TR200_TP08H	0.20	120.03	120.30	120.30	120.37	0.045038	1.18	0.17	1.20	1.01
BV16579	160	Max WS	TR030_TP05H	0.20	120.03	120.30	120.30	120.37	0.045038	1.18	0.17	1.20	1.01
BV16579	160	Max WS	TR030_TP01H	0.20	120.03	120.30	120.30	120.37	0.045038	1.18	0.17	1.20	1.01
BV16579	160	Max WS	TR030_TP02H	0.20	120.03	120.30	120.30	120.37	0.045038	1.18	0.17	1.20	1.01
BV16579	160	Max WS	TR030_TP03H	0.20	120.03	120.30	120.30	120.37	0.045038	1.18	0.17	1.20	1.01
BV16579	160	Max WS	TR030_TP04H	0.20	120.03	120.30	120.30	120.37	0.045038	1.18	0.17	1.20	1.01
BV16579	160	Max WS	TR030_TP06H	0.20	120.03	120.30	120.30	120.37	0.045038	1.18	0.17	1.20	1.01
BV16579	160	Max WS	TR030_TP08H	0.20	120.03	120.30	120.30	120.37	0.045038	1.18	0.17	1.20	1.01
BV16579	159.99				Lat Struct								
BV16579	159.98				Lat Struct								
BV16579	159.17	Max WS	TR200_TP03H	0.22	119.60	119.88	119.90	119.98	0.063513	1.39	0.16	1.14	1.19
BV16579	159.17	Max WS	TR200_TP01H	0.22	119.60	119.88	119.90	119.98	0.063513	1.39	0.16	1.14	1.19
BV16579	159.17	Max WS	TR200_TP02H	0.22	119.60	119.88	119.90	119.98	0.063513	1.39	0.16	1.14	1.19
BV16579	159.17	Max WS	TR200_TP05H	0.22	119.60	119.88	119.90	119.98	0.062595	1.37	0.16	1.13	1.18
BV16579	159.17	Max WS	TR200_TP04H	0.22	119.60	119.88	119.90	119.98	0.063513	1.39	0.16	1.14	1.19
BV16579	159.17	Max WS	TR200_TP06H	0.22	119.60	119.88	119.90	119.98	0.063513	1.39	0.16	1.14	1.19
BV16579	159.17	Max WS	TR200_TP08H	0.22	119.60	119.88	119.90	119.98	0.063513	1.39	0.16	1.14	1.19
BV16579	159.17	Max WS	TR030_TP05H	0.22	119.60	119.88	119.90	119.98	0.062595	1.37	0.16	1.13	1.18
BV16579	159.17	Max WS	TR030_TP01H	0.22	119.60	119.88	119.90	119.98	0.063513	1.39	0.16	1.14	1.19
BV16579	159.17	Max WS	TR030_TP02H	0.22	119.60	119.88	119.90	119.98	0.063513	1.39	0.16	1.14	1.19
BV16579	159.17	Max WS	TR030_TP03H	0.22	119.60	119.88	119.90	119.98	0.063513	1.39	0.16	1.14	1.19
BV16579	159.17	Max WS	TR030_TP04H	0.22	119.60	119.88	119.90	119.98	0.063513	1.39	0.16	1.14	1.19
BV16579	159.17	Max WS	TR030_TP06H	0.22	119.60	119.88	119.90	119.98	0.062595	1.37	0.16	1.13	1.18
BV16579	159.17	Max WS	TR030_TP08H	0.22	119.60	119.88	119.90	119.98	0.063513	1.39	0.16	1.14	1.19
BV16579	158.33	Max WS	TR200_TP03H	0.20	119.16	119.47	119.47	119.55	0.047242	1.21	0.16	1.14	1.02
BV16579	158.33	Max WS	TR200_TP01H	0.20	119.16	119.47	119.47	119.55	0.047242	1.21	0.16	1.14	1.02
BV16579	158.33	Max WS	TR200_TP02H	0.20	119.16	119.47	119.47	119.55	0.047242	1.21	0.16	1.14	1.02
BV16579	158.33	Max WS	TR200_TP05H	0.20	119.16	119.47	119.47	119.55	0.047242	1.21	0.16	1.14	1.02
BV16579	158.33	Max WS	TR200_TP04H	0.20	119.16	119.47	119.47	119.55	0.047242	1.21	0.16	1.14	1.02
BV16579	158.33	Max WS	TR200_TP06H	0.20	119.16	119.47	119.47	119.55	0.047242	1.21	0.16	1.14	1.02
BV16579	158.33	Max WS	TR200_TP08H	0.20	119.16	119.47	119.47	119.55	0.047242	1.21	0.16	1.14	1.02
BV16579	158.33	Max WS	TR030_TP05H	0.20	119.16	119.47	119.47	119.55	0.047242	1.21	0.16	1.14	1.02
BV16579	158.33	Max WS	TR030_TP01H	0.20	119.16	119.47	119.47	119.55	0.047242	1.21	0.16	1.14	1.02
BV16579	158.33	Max WS	TR030_TP02H	0.20	119.16	119.47	119.47	119.55	0.047242	1.21	0.16	1.14	1.02
BV16579	158.33	Max WS	TR030_TP03H	0.20	119.16	119.47	119.47	119.55	0.047242	1.21	0.16	1.14	1.02
BV16579	158.33	Max WS	TR030_TP04H	0.20	119.16	119.47	119.47	119.55	0.047242	1.21	0.16	1.14	1.02
BV16579	158.33	Max WS	TR030_TP06H	0.20	119.16	119.47	119.47	119.55	0.047242	1.21	0.16	1.14	1.02
BV16579	158.33	Max WS	TR030_TP08H	0.20	119.16	119.47	119.47	119.55	0.047242	1.21	0.16	1.14	1.02
BV16579	157.50	Max WS	TR200_TP03H	0.21	118.73	119.05	119.06	119.14	0.056570	1.32	0.16	1.12	1.11
BV16579	157.50	Max WS	TR200_TP01H	0.20	118.73	119.05	119.05	119.13	0.050348	1.24	0.16	1.12	1.05
BV16579	157.50	Max WS	TR200_TP02H	0.21	118.73	119.05	119.06	119.14	0.056570	1.32	0.16	1.12	1.11
BV16579	157.50	Max WS	TR200_TP05H	0.20	118.73	119.05	119.05	119.13	0.049781	1.24	0.16	1.12	1.04
BV16579	157.50	Max WS	TR200_TP04H	0.21	118.73	119.05	119.06	119.14	0.056570	1.32	0.16	1.12	1.11
BV16579	157.50	Max WS	TR200_TP06H	0.21	118.73	119.05	119.06	119.14	0.056570	1.32	0.16	1.12	1.11
BV16579	157.50	Max WS	TR200_TP08H	0.21	118.73	119.05	119.06	119.14	0.056570	1.32	0.16	1.12	1.11
BV16579	157.50	Max WS	TR030_TP05H	0.21	118.73	119.05	119.06	119.14	0.056810	1.32	0.16	1.11	1.11
BV16579	157.50	Max WS	TR030_TP01H	0.21	118.73	119.05	119.06	119.14	0.056570	1.32	0.16	1.12	1.11
BV16579	157.50	Max WS	TR030_TP02H	0.21	118.73	119.05	119.06	119.14	0.056570	1.32	0.16	1.12	1.11
BV16579	157.50	Max WS	TR030_TP03H	0.21	118.73	119.05	119.06	119.14	0.056570	1.32	0.16	1.12	1.11
BV16579	157.50	Max WS	TR030_TP04H	0.21	118.73	119.05	119.06	119.14	0.056570	1.32	0.16	1.12	1.11
BV16579	157.50	Max WS	TR030_TP06H	0.21	118.73	119.05	119.06	119.14	0.056810	1.32	0.16	1.11	1.11
BV16579	157.50	Max WS	TR030_TP08H	0.21	118.73	119.05	119.06	119.14	0.056570	1.32	0.16	1.12	1.11
BV16579	156.67	Max WS	TR200_TP03H	0.27	118.30	118.65	118.67	118.76	0.058488	1.42	0.19	1.22	1.14
BV16579	156.67	Max WS	TR200_TP01H	0.31	118.30	118.67	118.68	118.78	0.053953	1.44	0.22	1.28	1.11
BV16579	156.67	Max WS	TR200_TP02H	0.29	118.30	118.66	118.67	118.77	0.056311	1.43	0.20	1.25	1.13
BV16579	156.67	Max WS	TR200_TP05H	0.32	118.30	118.68	118.69	118.78	0.053876	1.44	0.22	1.28	1.11
BV16579	156.67	Max WS	TR200_TP04H	0.26	118.30	118.65	118.66	118.75	0.059135	1.41	0.19	1.21	1.14
BV16579	156.67	Max WS	TR200_TP06H	0.25	118.30	118.64	118.66	118.74	0.058910	1.39	0.18	1.18	1.14
BV16579	156.67	Max WS	TR200_TP08H	0.24	118.30	118.64	118.65	118.74	0.058809	1.38	0.18	1.17	1.13
BV16579	156.67	Max WS	TR030_TP05H	0.28	118.30	118.65	118.67	118.76	0.058367	1.42	0.19	1.23	1.14
BV16579	156.67	Max WS	TR030_TP01H	0.27	118.30	118.65	118.67	118.75	0.058693	1.42	0.19	1.22	1.14
BV16579	156.67	Max WS	TR030_TP02H	0.26	118.30	118.65	118.66	118.75	0.059055	1.40	0.18	1.19	1.14
BV16579	156.67	Max WS	TR030_TP03H	0.25	118.30	118.64	118.65	118.74	0.058996	1.39	0.18	1.17	1.14
BV16579	156.67	Max WS	TR030_TP04H	0.24	118.30	118.64	118.65	118.73	0.058594	1.37	0.17	1.16	1.13
BV16579	156.67	Max WS	TR030_TP06H	0.23	118.30	118.63	118.65	118.73	0.058547	1.36	0.17	1.15	1.13
BV16579	156.67	Max WS	TR030_TP08H	0.23	118.30	118.63	118.64	118.72	0.058491	1.35	0.17	1.14	1.13
BV16579	155.83	Max WS	TR200_TP03H	0.35	117.87	118.26	118.27	118.38	0.054897	1.51	0.23	1.23	1.11
BV16579	155.83	Max WS	TR200_TP01H	0.43	117.87	118.29	118.31	118.42	0.052259	1.57	0.27	1.31	1.10
BV16579	155.83	Max WS	TR200_TP02H	0.38	117.87	118.27	118.29	118.39	0.053530	1.53	0.25	1.26	1.10
BV16579	155.83	Max WS	TR200_TP05H	0.44	117.87	118.30	118.31	118.42	0.052272	1.58	0.28	1.31	1.10
BV16579	155.83	Max WS	TR200_TP04H	0.33	117.87	118.25	118.26	118.36	0.055924	1.49	0.22	1.21	1.12
BV16579	155.83	Max WS	TR200_TP06H	0.30	117.87	118.24	118.25	118.35	0.058736	1.48	0.20	1.18	1.14
BV16579	155.83	Max WS	TR200_TP08H	0.28	117.87	118.23	118.24	118.34	0.059995	1.47	0.19	1.16	1.15
BV16579	155.83	Max WS	TR030_TP05H	0.35	117.87	118.26	118.27	118.38	0.054948	1.51	0.23	1.23	1.11
BV16579	155.83	Max WS	TR030_TP01H	0.34	117.87	118.26	118.27	118.37	0.055309	1.51	0.23	1.23	1.12
BV16579	155.83	Max WS	TR030_TP02H	0.31	117.87	118.24	118.26	118.36	0.057238	1.49	0.21	1.20	1.13
BV16579	155.83	Max WS	TR030_TP03H	0.29	117.87	118.23	118.25	118.34	0.059597</				

HEC-RAS River: BV16579 Reach: BV16579 Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
BV16579	155.00	Max WS	TR200_TP03H	0.42	117.43	117.86	117.88	118.00	0.053564	1.60	0.27	1.22	1.10
BV16579	155.00	Max WS	TR200_TP01H	0.54	117.43	117.91	117.92	118.05	0.051486	1.69	0.32	1.32	1.09
BV16579	155.00	Max WS	TR200_TP02H	0.47	117.43	117.88	117.90	118.02	0.053033	1.64	0.29	1.26	1.10
BV16579	155.00	Max WS	TR200_TP0.5H	0.56	117.43	117.91	117.93	118.06	0.051470	1.70	0.33	1.33	1.09
BV16579	155.00	Max WS	TR200_TP04H	0.39	117.43	117.85	117.86	117.98	0.052844	1.56	0.25	1.20	1.08
BV16579	155.00	Max WS	TR200_TP06H	0.35	117.43	117.84	117.85	117.95	0.053999	1.52	0.23	1.17	1.09
BV16579	155.00	Max WS	TR200_TP08H	0.33	117.43	117.83	117.84	117.94	0.054984	1.50	0.22	1.14	1.10
BV16579	155.00	Max WS	TR030_TP0.5H	0.43	117.43	117.87	117.88	118.00	0.053497	1.60	0.27	1.23	1.10
BV16579	155.00	Max WS	TR030_TP01H	0.42	117.43	117.86	117.87	117.99	0.053302	1.59	0.26	1.22	1.09
BV16579	155.00	Max WS	TR030_TP02H	0.37	117.43	117.85	117.86	117.97	0.053322	1.54	0.24	1.18	1.09
BV16579	155.00	Max WS	TR030_TP03H	0.34	117.43	117.83	117.84	117.95	0.054184	1.51	0.23	1.16	1.09
BV16579	155.00	Max WS	TR030_TP04H	0.32	117.43	117.82	117.83	117.94	0.055531	1.49	0.21	1.14	1.10
BV16579	155.00	Max WS	TR030_TP06H	0.30	117.43	117.81	117.82	117.92	0.057250	1.48	0.20	1.11	1.11
BV16579	155.00	Max WS	TR030_TP08H	0.28	117.43	117.80	117.81	117.91	0.057996	1.46	0.19	1.09	1.11
BV16579	154.17	Max WS	TR200_TP03H	0.50	117.00	117.47	117.48	117.61	0.055209	1.70	0.29	1.20	1.10
BV16579	154.17	Max WS	TR200_TP01H	0.66	117.00	117.52	117.54	117.69	0.052473	1.79	0.37	1.33	1.09
BV16579	154.17	Max WS	TR200_TP02H	0.56	117.00	117.49	117.51	117.65	0.054336	1.75	0.32	1.25	1.10
BV16579	154.17	Max WS	TR200_TP0.5H	0.68	117.00	117.53	117.55	117.70	0.052421	1.81	0.38	1.35	1.09
BV16579	154.17	Max WS	TR200_TP04H	0.46	117.00	117.45	117.46	117.59	0.056459	1.67	0.27	1.17	1.11
BV16579	154.17	Max WS	TR200_TP06H	0.40	117.00	117.43	117.44	117.56	0.056890	1.62	0.25	1.13	1.11
BV16579	154.17	Max WS	TR200_TP08H	0.37	117.00	117.41	117.43	117.54	0.057784	1.59	0.23	1.10	1.11
BV16579	154.17	Max WS	TR030_TP0.5H	0.50	117.00	117.47	117.48	117.61	0.055233	1.70	0.29	1.20	1.10
BV16579	154.17	Max WS	TR030_TP01H	0.49	117.00	117.46	117.48	117.61	0.055601	1.70	0.29	1.20	1.10
BV16579	154.17	Max WS	TR030_TP02H	0.43	117.00	117.44	117.45	117.58	0.056767	1.65	0.26	1.15	1.11
BV16579	154.17	Max WS	TR030_TP03H	0.39	117.00	117.42	117.44	117.55	0.056932	1.61	0.24	1.12	1.11
BV16579	154.17	Max WS	TR030_TP04H	0.36	117.00	117.41	117.42	117.54	0.058500	1.59	0.23	1.10	1.12
BV16579	154.17	Max WS	TR030_TP06H	0.33	117.00	117.39	117.41	117.52	0.060278	1.56	0.21	1.06	1.13
BV16579	154.17	Max WS	TR030_TP08H	0.31	117.00	117.38	117.40	117.50	0.061173	1.54	0.20	1.04	1.13
BV16579	153.33	Max WS	TR200_TP03H	0.57	116.57	117.09	117.09	117.23	0.047136	1.67	0.34	1.23	1.01
BV16579	153.33	Max WS	TR200_TP01H	0.77	116.57	117.15	117.16	117.32	0.048666	1.82	0.42	1.39	1.05
BV16579	153.33	Max WS	TR200_TP02H	0.65	116.57	117.11	117.12	117.27	0.048480	1.74	0.37	1.30	1.04
BV16579	153.33	Max WS	TR200_TP0.5H	0.80	116.57	117.16	117.17	117.33	0.048364	1.83	0.44	1.41	1.05
BV16579	153.33	Max WS	TR200_TP04H	0.52	116.57	117.06	117.07	117.20	0.047943	1.64	0.32	1.18	1.01
BV16579	153.33	Max WS	TR200_TP06H	0.45	116.57	117.04	117.04	117.17	0.048675	1.59	0.28	1.13	1.01
BV16579	153.33	Max WS	TR200_TP08H	0.41	116.57	117.02	117.02	117.14	0.048021	1.55	0.27	1.10	1.00
BV16579	153.33	Max WS	TR030_TP0.5H	0.58	116.57	117.09	117.09	117.23	0.047240	1.67	0.34	1.24	1.01
BV16579	153.33	Max WS	TR030_TP01H	0.56	116.57	117.08	117.08	117.22	0.047342	1.67	0.34	1.22	1.01
BV16579	153.33	Max WS	TR030_TP02H	0.49	116.57	117.05	117.05	117.18	0.048509	1.62	0.30	1.15	1.02
BV16579	153.33	Max WS	TR030_TP03H	0.43	116.57	117.03	117.03	117.16	0.048561	1.57	0.28	1.11	1.01
BV16579	153.33	Max WS	TR030_TP04H	0.40	116.57	117.02	117.01	117.14	0.047685	1.53	0.26	1.09	1.00
BV16579	153.33	Max WS	TR030_TP06H	0.36	116.57	117.00	116.99	117.11	0.046428	1.47	0.24	1.06	0.98
BV16579	153.33	Max WS	TR030_TP08H	0.33	116.57	116.99	116.98	117.09	0.046050	1.44	0.23	1.04	0.97
BV16579	152.50	Max WS	TR200_TP03H	0.65	116.14	116.66	116.69	116.85	0.065623	1.95	0.33	1.16	1.17
BV16579	152.50	Max WS	TR200_TP01H	0.89	116.14	116.74	116.77	116.95	0.061937	2.06	0.43	1.34	1.16
BV16579	152.50	Max WS	TR200_TP02H	0.74	116.14	116.69	116.73	116.90	0.065644	2.02	0.37	1.23	1.18
BV16579	152.50	Max WS	TR200_TP0.5H	0.92	116.14	116.75	116.78	116.97	0.060862	2.07	0.44	1.37	1.16
BV16579	152.50	Max WS	TR200_TP04H	0.58	116.14	116.63	116.67	116.82	0.067665	1.93	0.30	1.11	1.18
BV16579	152.50	Max WS	TR200_TP06H	0.50	116.14	116.60	116.63	116.78	0.069788	1.88	0.27	1.04	1.18
BV16579	152.50	Max WS	TR200_TP08H	0.45	116.14	116.58	116.61	116.75	0.071429	1.84	0.25	1.01	1.19
BV16579	152.50	Max WS	TR030_TP0.5H	0.65	116.14	116.66	116.69	116.85	0.065625	1.95	0.33	1.17	1.17
BV16579	152.50	Max WS	TR030_TP01H	0.63	116.14	116.65	116.69	116.85	0.065644	1.94	0.33	1.15	1.17
BV16579	152.50	Max WS	TR030_TP02H	0.54	116.14	116.62	116.65	116.80	0.068589	1.90	0.28	1.07	1.18
BV16579	152.50	Max WS	TR030_TP03H	0.48	116.14	116.59	116.62	116.77	0.070584	1.86	0.26	1.03	1.19
BV16579	152.50	Max WS	TR030_TP04H	0.44	116.14	116.57	116.60	116.74	0.071721	1.83	0.24	1.00	1.19
BV16579	152.50	Max WS	TR030_TP06H	0.39	116.14	116.55	116.58	116.71	0.072568	1.78	0.22	0.96	1.19
BV16579	152.50	Max WS	TR030_TP08H	0.36	116.14	116.53	116.57	116.69	0.075335	1.77	0.20	0.94	1.21
BV16579	150	Max WS	TR200_TP03H	0.87	114.84	115.64		115.74	0.022525	1.39	0.63	1.47	0.68
BV16579	150	Max WS	TR200_TP01H	1.23	114.84	115.80		115.89	0.019704	1.39	0.88	1.99	0.67
BV16579	150	Max WS	TR200_TP02H	1.02	114.84	115.70		115.80	0.021003	1.41	0.72	1.59	0.67
BV16579	150	Max WS	TR200_TP0.5H	1.28	114.84	115.81		115.91	0.019746	1.39	0.92	2.10	0.67
BV16579	150	Max WS	TR200_TP04H	0.78	114.84	115.60		115.69	0.023177	1.37	0.57	1.40	0.68
BV16579	150	Max WS	TR200_TP06H	0.66	114.84	115.55		115.63	0.023739	1.32	0.50	1.30	0.68
BV16579	150	Max WS	TR200_TP08H	0.58	114.84	115.52		115.60	0.022122	1.25	0.47	1.25	0.65
BV16579	150	Max WS	TR030_TP0.5H	0.88	114.84	115.64		115.74	0.022502	1.39	0.63	1.48	0.68
BV16579	150	Max WS	TR030_TP01H	0.85	114.84	115.63		115.73	0.022927	1.39	0.61	1.45	0.69
BV16579	150	Max WS	TR030_TP02H	0.71	114.84	115.57		115.66	0.023472	1.34	0.53	1.34	0.68
BV16579	150	Max WS	TR030_TP03H	0.62	114.84	115.53		115.62	0.023066	1.29	0.48	1.27	0.67
BV16579	150	Max WS	TR030_TP04H	0.56	114.84	115.52		115.59	0.021534	1.23	0.46	1.24	0.64
BV16579	150	Max WS	TR030_TP06H	0.49	114.84	115.48		115.55	0.020543	1.16	0.42	1.18	0.62
BV16579	150	Max WS	TR030_TP08H	0.44	114.84	115.46		115.53	0.019524	1.11	0.39	1.14	0.60
BV16579	145.00	Max WS	TR200_TP03H	1.16	114.14	114.93		115.04	0.020855	1.48	0.79	1.77	0.71
BV16579	145.00	Max WS	TR200_TP01H	1.68	114.14	115.07		115.19	0.023761	1.56	1.08	2.70	0.79
BV16579	145.00	Max WS	TR200_TP02H	1.37	114.14	114.99		115.11	0.021928	1.54	0.89	2.00	0.74
BV16579	145.00	Max WS	TR200_TP0.5H	1.75	114.14	115.08		115.21	0.024224	1.57	1.11	2.81	0.80
BV16579	145.00	Max WS	TR200_TP04H	1.03	114.14	114.89		115.00	0.021002	1.44	0.71	1.68	0.71
BV16579	145.00	Max WS	TR200_TP06H	0.85	114.14	114.83		114.93	0.021049	1.38	0.62	1.56	0.70
BV16579	145.00	Max WS	TR200_TP08H	0.75	114.14	114.78		114.88	0.024396	1.40	0.53	1.50	0.75
BV16579	145.00	Max WS	TR030_TP0.5H	1.17	114.14	114.93		115.05	0.020768	1.48	0.79	1.77	0.71
BV16579	145.00	Max WS	TR030_TP01H	1.13	114.14	114.92		115.03	0.020595	1.46	0.77	1.75	0.70
BV16579	145.00	Max WS	TR030_TP02H	0.94	114.14	114.86		114.96	0.020711	1.40	0.67	1.62	0.70
BV16579	145.00	Max WS	TR030_TP03H	0.80	114.14	114.81		114.90	0.022630	1.39	0.58	1.53	0.73
BV16579	145.00	Max WS	TR030_TP04H	0.72	114.14	114.76		114.86	0.025292	1.40	0.51	1.49	0.76
BV16579	145.00	Max WS	TR030_TP06H	0.61	114.14	114.71		114.81	0.027947	1.38	0.44	1.43	0.80

HEC-RAS River: BV16579 Reach: BV16579 Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
BV16579	140	Max WS	TR200_TP04H	1.28	113.45	114.33		114.41	0.017227	1.21	1.06	2.96	0.64
BV16579	140	Max WS	TR200_TP06H	1.05	113.45	114.27		114.34	0.016069	1.18	0.89	2.29	0.60
BV16579	140	Max WS	TR200_TP08H	0.91	113.45	114.20		114.27	0.013095	1.21	0.76	1.33	0.51
BV16579	140	Max WS	TR030_TP0.5H	1.46	113.45	114.38		114.45	0.015912	1.22	1.19	3.08	0.63
BV16579	140	Max WS	TR030_TP01H	1.41	113.45	114.37		114.44	0.016367	1.22	1.16	3.04	0.63
BV16579	140	Max WS	TR030_TP02H	1.16	113.45	114.29		114.37	0.017598	1.22	0.95	2.55	0.64
BV16579	140	Max WS	TR030_TP03H	0.99	113.45	114.23		114.31	0.016120	1.22	0.81	1.84	0.59
BV16579	140	Max WS	TR030_TP04H	0.87	113.45	114.16		114.24	0.014255	1.24	0.71	1.31	0.54
BV16579	140	Max WS	TR030_TP06H	0.73	113.45	114.10		114.17	0.013515	1.16	0.63	1.27	0.53
BV16579	140	Max WS	TR030_TP08H	0.65	113.45	114.06		114.12	0.013027	1.11	0.58	1.24	0.52
BV16579	130	Max WS	TR200_TP03H	1.58	112.66	113.27		113.40	0.023491	1.57	1.01	2.73	0.82
BV16579	130	Max WS	TR200_TP01H	2.00	112.66	113.31		113.48	0.029077	1.82	1.10	2.76	0.92
BV16579	130	Max WS	TR200_TP02H	1.77	112.66	113.29		113.43	0.025651	1.68	1.05	2.75	0.86
BV16579	130	Max WS	TR200_TP0.5H	2.04	112.66	113.31		113.48	0.029543	1.84	1.11	2.76	0.93
BV16579	130	Max WS	TR200_TP04H	1.43	112.66	113.26		113.37	0.021979	1.49	0.96	2.71	0.80
BV16579	130	Max WS	TR200_TP06H	1.26	112.66	113.23		113.33	0.021437	1.41	0.89	2.69	0.78
BV16579	130	Max WS	TR200_TP08H	1.14	112.66	113.21		113.31	0.021321	1.37	0.84	2.67	0.78
BV16579	130	Max WS	TR030_TP0.5H	1.58	112.66	113.28		113.40	0.022909	1.56	1.02	2.73	0.82
BV16579	130	Max WS	TR030_TP01H	1.55	112.66	113.27		113.39	0.022677	1.54	1.00	2.73	0.81
BV16579	130	Max WS	TR030_TP02H	1.35	112.66	113.25		113.36	0.021029	1.44	0.94	2.71	0.78
BV16579	130	Max WS	TR030_TP03H	1.21	112.66	113.23		113.32	0.020867	1.38	0.88	2.68	0.77
BV16579	130	Max WS	TR030_TP04H	1.10	112.66	113.21		113.30	0.020322	1.33	0.83	2.67	0.76
BV16579	130	Max WS	TR030_TP06H	0.93	112.66	113.18		113.26	0.019733	1.24	0.75	2.64	0.74
BV16579	130	Max WS	TR030_TP08H	0.83	112.66	113.15		113.23	0.020616	1.21	0.68	2.62	0.75
BV16579	129.99			Lat Struct									
BV16579	129.98			Lat Struct									
BV16579	129.00	Max WS	TR200_TP03H	1.54	111.77	112.43		112.58	0.027029	1.72	0.90	2.34	0.89
BV16579	129.00	Max WS	TR200_TP01H	1.72	111.77	112.47		112.62	0.025739	1.74	0.99	2.45	0.87
BV16579	129.00	Max WS	TR200_TP02H	1.62	111.77	112.44		112.60	0.027275	1.75	0.93	2.38	0.90
BV16579	129.00	Max WS	TR200_TP0.5H	1.72	111.77	112.47		112.63	0.025480	1.73	0.99	2.46	0.87
BV16579	129.00	Max WS	TR200_TP04H	1.49	111.77	112.43		112.57	0.025731	1.67	0.89	2.33	0.87
BV16579	129.00	Max WS	TR200_TP06H	1.39	111.77	112.41		112.55	0.025517	1.64	0.85	2.28	0.86
BV16579	129.00	Max WS	TR200_TP08H	1.29	111.77	112.39		112.52	0.024827	1.60	0.81	2.23	0.85
BV16579	129.00	Max WS	TR030_TP0.5H	1.50	111.77	112.43		112.58	0.025225	1.67	0.90	2.35	0.86
BV16579	129.00	Max WS	TR030_TP01H	1.52	111.77	112.43		112.58	0.026677	1.71	0.89	2.34	0.88
BV16579	129.00	Max WS	TR030_TP02H	1.44	111.77	112.41		112.56	0.026779	1.69	0.85	2.29	0.88
BV16579	129.00	Max WS	TR030_TP03H	1.35	111.77	112.40		112.54	0.025778	1.64	0.83	2.25	0.86
BV16579	129.00	Max WS	TR030_TP04H	1.26	111.77	112.38		112.51	0.025877	1.61	0.78	2.19	0.86
BV16579	129.00	Max WS	TR030_TP06H	1.07	111.77	112.33		112.46	0.027563	1.59	0.68	2.04	0.88
BV16579	129.00	Max WS	TR030_TP08H	0.94	111.77	112.30		112.42	0.027836	1.54	0.61	1.93	0.88
BV16579	128.00	Max WS	TR200_TP03H	1.87	110.88	111.71		111.83	0.015862	1.50	1.25	2.62	0.69
BV16579	128.00	Max WS	TR200_TP01H	2.21	110.88	111.93		112.00	0.007715	1.18	1.87	3.28	0.50
BV16579	128.00	Max WS	TR200_TP02H	2.01	110.88	111.79		111.88	0.012343	1.39	1.45	2.83	0.62
BV16579	128.00	Max WS	TR200_TP0.5H	2.21	110.88	111.93		112.00	0.007648	1.18	1.88	3.32	0.50
BV16579	128.00	Max WS	TR200_TP04H	1.76	110.88	111.67		111.79	0.017968	1.55	1.13	2.48	0.73
BV16579	128.00	Max WS	TR200_TP06H	1.61	110.88	111.61		111.74	0.021374	1.63	0.99	2.31	0.79
BV16579	128.00	Max WS	TR200_TP08H	1.48	110.88	111.57		111.70	0.023201	1.65	0.90	2.18	0.82
BV16579	128.00	Max WS	TR030_TP0.5H	1.85	110.88	111.73		111.83	0.014289	1.44	1.29	2.66	0.66
BV16579	128.00	Max WS	TR030_TP01H	1.84	110.88	111.71		111.82	0.015105	1.47	1.25	2.63	0.68
BV16579	128.00	Max WS	TR030_TP02H	1.69	110.88	111.65		111.77	0.018581	1.56	1.09	2.43	0.74
BV16579	128.00	Max WS	TR030_TP03H	1.56	110.88	111.60		111.73	0.021223	1.61	0.97	2.28	0.79
BV16579	128.00	Max WS	TR030_TP04H	1.43	110.88	111.56		111.69	0.022045	1.60	0.89	2.17	0.80
BV16579	128.00	Max WS	TR030_TP06H	1.21	110.88	111.52		111.64	0.021349	1.52	0.79	2.03	0.78
BV16579	128.00	Max WS	TR030_TP08H	1.06	110.88	111.48		111.59	0.021338	1.48	0.72	1.92	0.77
BV16579	127.00	Max WS	TR200_TP03H	2.75	109.99	110.92		111.10	0.021338	1.84	1.49	2.83	0.81
BV16579	127.00	Max WS	TR200_TP01H	4.02	109.99	111.05		111.28	0.026479	2.11	1.91	3.57	0.92
BV16579	127.00	Max WS	TR200_TP02H	3.23	109.99	110.99		111.17	0.022126	1.90	1.70	3.22	0.83
BV16579	127.00	Max WS	TR200_TP0.5H	4.11	109.99	111.05	111.02	111.29	0.027755	2.16	1.91	3.57	0.94
BV16579	127.00	Max WS	TR200_TP04H	2.44	109.99	110.87		111.03	0.020991	1.81	1.35	2.56	0.80
BV16579	127.00	Max WS	TR200_TP06H	2.02	109.99	110.78		110.94	0.023461	1.80	1.12	2.34	0.83
BV16579	127.00	Max WS	TR200_TP08H	1.75	109.99	110.72		110.88	0.024277	1.76	0.99	2.21	0.84
BV16579	127.00	Max WS	TR030_TP0.5H	2.68	109.99	110.87		111.07	0.024751	1.97	1.36	2.57	0.87
BV16579	127.00	Max WS	TR030_TP01H	2.64	109.99	110.88		111.07	0.023436	1.93	1.37	2.59	0.84
BV16579	127.00	Max WS	TR030_TP02H	2.20	109.99	110.80		110.98	0.024701	1.88	1.17	2.40	0.86
BV16579	127.00	Max WS	TR030_TP03H	1.89	109.99	110.74		110.91	0.025002	1.82	1.04	2.26	0.86
BV16579	127.00	Max WS	TR030_TP04H	1.66	109.99	110.69		110.85	0.026247	1.79	0.93	2.14	0.87
BV16579	127.00	Max WS	TR030_TP06H	1.36	109.99	110.61		110.77	0.029031	1.77	0.77	1.96	0.90
BV16579	127.00	Max WS	TR030_TP08H	1.17	109.99	110.56		110.72	0.030826	1.75	0.67	1.84	0.92
BV16579	126.00	Max WS	TR200_TP03H	3.82	109.10	110.26		110.41	0.014146	1.66	2.30	3.60	0.67
BV16579	126.00	Max WS	TR200_TP01H	4.70	109.10	110.36		110.52	0.014212	1.78	2.65	3.69	0.67
BV16579	126.00	Max WS	TR200_TP02H	4.34	109.10	110.32		110.48	0.014066	1.73	2.51	3.66	0.67
BV16579	126.00	Max WS	TR200_TP0.5H	4.63	109.10	110.35		110.51	0.014224	1.77	2.62	3.69	0.67
BV16579	126.00	Max WS	TR200_TP04H	3.35	109.10	110.19		110.33	0.015256	1.64	2.04	3.53	0.69
BV16579	126.00	Max WS	TR200_TP06H	2.55	109.10	110.04		110.18	0.018049	1.67	1.53	2.95	0.74
BV16579	126.00	Max WS	TR200_TP08H	2.18	109.10	109.96		110.10	0.018871	1.66	1.31	2.63	0.75
BV16579	126.00	Max WS	TR030_TP0.5H	3.27	109.10	110.18		110.31	0.015891	1.65	1.98	3.52	0.70
BV16579	126.00	Max WS	TR030_TP01H	3.36	109.10	110.19		110.33	0.015430	1.65	2.04	3.53	0.69
BV16579	126.00	Max WS	TR030_TP02H	2.68	109.10	110.07		110.21	0.019402	1.66	1.62	3.41	0.77
BV16579	126.00	Max WS	TR030_TP03H	2.29	109.10	109.99		110.13	0.018776	1.67	1.38	2.73	0.75
BV16579	126.00	Max WS	TR030_TP04H	1.98	109.10	109.93		110.06	0.018623	1.63	1.22	2.46	0.74
BV16579	126.00	Max WS	TR030_TP06H	1.54	109.10	109.82		109.95	0.018433	1.56	0.98	2.08	0.72
BV16579	126.00	Max WS	TR030_TP08H	1.29	109.10	109.76		109.88	0.018615	1.50	0.86	1.96	0.72
BV16579	125	Max WS	TR200_TP03H	4.06	108.21	109.13	109.20	109.52	0.053565	2.78	1.46	2.84	1.24
BV16579	125	Max WS	TR200_TP01H	4.61	108.21	109.16	109.26	109.61	0.057402	2.96	1.56	2.87	1.28
BV16579	125	Max WS	TR200_TP02H	4.40	108.21	109.15	109.24	109.58	0.055921	2.89	1.52	2.86	1.27
BV16579	125	Max WS	TR200_TP0.5H	4.56	108.21	109.16	109.26	109.60	0.057099	2.95	1.55	2.86	1.28

HEC-RAS River: BV16579 Reach: BV16579 Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
BV16579	125	Max WS	TR200_TP04H	3.69	108.21	109.10	109.17	109.46	0.052157	2.68	1.38	2.81	1.22
BV16579	125	Max WS	TR200_TP06H	2.79	108.21	109.01	109.07	109.31	0.043878	2.43	1.15	2.35	1.11
BV16579	125	Max WS	TR200_TP08H	2.36	108.21	108.95	108.98	109.23	0.042660	2.32	1.02	2.16	1.08
BV16579	125	Max WS	TR030_TP0.5H	3.57	108.21	109.09	109.16	109.44	0.051938	2.64	1.35	2.80	1.22
BV16579	125	Max WS	TR030_TP01H	3.67	108.21	109.10	109.17	109.46	0.052165	2.67	1.37	2.81	1.22
BV16579	125	Max WS	TR030_TP02H	2.95	108.21	109.03	109.09	109.34	0.044582	2.47	1.19	2.41	1.12
BV16579	125	Max WS	TR030_TP03H	2.50	108.21	108.97	109.01	109.25	0.043009	2.36	1.06	2.23	1.09
BV16579	125	Max WS	TR030_TP04H	2.15	108.21	108.92	108.94	109.18	0.042174	2.27	0.95	2.06	1.07
BV16579	125	Max WS	TR030_TP06H	1.67	108.21	108.83	108.84	109.07	0.041351	2.16	0.78	1.78	1.04
BV16579	125	Max WS	TR030_TP08H	1.41	108.21	108.77	108.78	108.99	0.041632	2.08	0.68	1.66	1.04
BV16579	123.33	Max WS	TR200_TP03H	2.89	107.44	108.36	108.40	108.64	0.044269	2.34	1.24	2.80	1.12
BV16579	123.33	Max WS	TR200_TP01H	2.89	107.44	108.36	108.40	108.64	0.043768	2.33	1.24	2.80	1.12
BV16579	123.33	Max WS	TR200_TP02H	2.89	107.44	108.36	108.40	108.64	0.043898	2.33	1.24	2.80	1.12
BV16579	123.33	Max WS	TR200_TP0.5H	2.90	107.44	108.36	108.40	108.64	0.043785	2.33	1.24	2.80	1.12
BV16579	123.33	Max WS	TR200_TP04H	2.90	107.44	108.36	108.40	108.64	0.044676	2.35	1.23	2.80	1.13
BV16579	123.33	Max WS	TR200_TP06H	2.73	107.44	108.35	108.37	108.61	0.043610	2.28	1.19	2.78	1.11
BV16579	123.33	Max WS	TR200_TP08H	2.44	107.44	108.32	108.34	108.56	0.042447	2.19	1.11	2.74	1.09
BV16579	123.33	Max WS	TR030_TP0.5H	2.88	107.44	108.36	108.40	108.64	0.043821	2.33	1.24	2.80	1.12
BV16579	123.33	Max WS	TR030_TP01H	2.88	107.44	108.36	108.40	108.64	0.043917	2.33	1.24	2.80	1.12
BV16579	123.33	Max WS	TR030_TP02H	2.78	107.44	108.35	108.38	108.62	0.043799	2.30	1.21	2.79	1.12
BV16579	123.33	Max WS	TR030_TP03H	2.55	107.44	108.33	108.36	108.58	0.042920	2.22	1.15	2.77	1.10
BV16579	123.33	Max WS	TR030_TP04H	2.23	107.44	108.29	108.31	108.52	0.040777	2.12	1.05	2.61	1.07
BV16579	123.33	Max WS	TR030_TP06H	1.74	107.44	108.21	108.22	108.42	0.039598	2.03	0.86	2.18	1.03
BV16579	123.33	Max WS	TR030_TP08H	1.46	107.44	108.16	108.16	108.36	0.039071	1.96	0.75	1.96	1.01
BV16579	121.67	Max WS	TR200_TP03H	2.63	106.50	107.39	107.41	107.67	0.040144	2.33	1.13	2.25	1.05
BV16579	121.67	Max WS	TR200_TP01H	2.76	106.50	107.42	107.43	107.69	0.038627	2.31	1.19	2.33	1.03
BV16579	121.67	Max WS	TR200_TP02H	2.69	106.50	107.41	107.42	107.68	0.039074	2.31	1.16	2.29	1.04
BV16579	121.67	Max WS	TR200_TP0.5H	2.76	106.50	107.42	107.43	107.69	0.038863	2.32	1.19	2.32	1.04
BV16579	121.67	Max WS	TR200_TP04H	2.59	106.50	107.38	107.41	107.66	0.041423	2.35	1.10	2.21	1.06
BV16579	121.67	Max WS	TR200_TP06H	2.51	106.50	107.36	107.39	107.65	0.044305	2.39	1.05	2.14	1.09
BV16579	121.67	Max WS	TR200_TP08H	2.43	106.50	107.34	107.38	107.63	0.045326	2.40	1.01	2.10	1.10
BV16579	121.67	Max WS	TR030_TP0.5H	2.57	106.50	107.37	107.40	107.66	0.042856	2.37	1.08	2.19	1.08
BV16579	121.67	Max WS	TR030_TP01H	2.59	106.50	107.38	107.41	107.66	0.042004	2.36	1.10	2.21	1.07
BV16579	121.67	Max WS	TR030_TP02H	2.53	106.50	107.36	107.39	107.65	0.044077	2.39	1.06	2.15	1.09
BV16579	121.67	Max WS	TR030_TP03H	2.47	106.50	107.35	107.38	107.64	0.045125	2.40	1.03	2.12	1.10
BV16579	121.67	Max WS	TR030_TP04H	2.32	106.50	107.32	107.36	107.61	0.045594	2.38	0.98	2.04	1.10
BV16579	121.67	Max WS	TR030_TP06H	1.83	106.50	107.23	107.26	107.50	0.046675	2.29	0.80	1.81	1.10
BV16579	121.67	Max WS	TR030_TP08H	1.54	106.50	107.17	107.20	107.42	0.048129	2.22	0.69	1.68	1.11
BV16579	120	Max WS	TR200_TP03H	2.92	105.56	106.75		106.87	0.012273	1.52	1.92	2.94	0.60
BV16579	120	Max WS	TR200_TP01H	2.92	105.56	106.82		106.91	0.009844	1.38	2.11	3.17	0.54
BV16579	120	Max WS	TR200_TP02H	2.93	105.56	106.79		106.90	0.010816	1.44	2.04	3.08	0.57
BV16579	120	Max WS	TR200_TP0.5H	3.00	105.56	106.80		106.91	0.010975	1.45	2.07	3.12	0.57
BV16579	120	Max WS	TR200_TP04H	2.85	105.56	106.72		106.84	0.013483	1.57	1.81	2.79	0.62
BV16579	120	Max WS	TR200_TP06H	2.69	105.56	106.62		106.77	0.017484	1.73	1.56	2.50	0.70
BV16579	120	Max WS	TR200_TP08H	2.57	105.56	106.56		106.73	0.020447	1.82	1.41	2.36	0.75
BV16579	120	Max WS	TR030_TP0.5H	2.86	105.56	106.66		106.81	0.016533	1.71	1.67	2.61	0.68
BV16579	120	Max WS	TR030_TP01H	2.89	105.56	106.69		106.83	0.015026	1.65	1.75	2.70	0.66
BV16579	120	Max WS	TR030_TP02H	2.74	105.56	106.62		106.78	0.017903	1.75	1.57	2.51	0.71
BV16579	120	Max WS	TR030_TP03H	2.62	105.56	106.57		106.74	0.020528	1.83	1.43	2.38	0.75
BV16579	120	Max WS	TR030_TP04H	2.44	105.56	106.52		106.69	0.022258	1.86	1.31	2.25	0.78
BV16579	120	Max WS	TR030_TP06H	1.93	105.56	106.40		106.56	0.024304	1.82	1.06	2.00	0.80
BV16579	120	Max WS	TR030_TP08H	1.62	105.56	106.33		106.49	0.023357	1.72	0.94	1.89	0.78
BV16579	116.67	Max WS	TR200_TP03H	3.89	104.90	106.04		106.27	0.025210	2.12	1.84	3.09	0.88
BV16579	116.67	Max WS	TR200_TP01H	4.25	104.90	106.09		106.32	0.025189	2.16	1.97	3.22	0.88
BV16579	116.67	Max WS	TR200_TP02H	4.11	104.90	106.07		106.30	0.025450	2.15	1.91	3.18	0.88
BV16579	116.67	Max WS	TR200_TP0.5H	4.19	104.90	106.08		106.32	0.025027	2.14	1.96	3.22	0.88
BV16579	116.67	Max WS	TR200_TP04H	3.67	104.90	106.02		106.24	0.024741	2.08	1.77	3.01	0.86
BV16579	116.67	Max WS	TR200_TP06H	3.16	104.90	105.96		106.16	0.023905	1.99	1.59	2.79	0.84
BV16579	116.67	Max WS	TR200_TP08H	2.84	104.90	105.92		106.11	0.023287	1.93	1.47	2.63	0.82
BV16579	116.67	Max WS	TR030_TP0.5H	3.42	104.90	105.99		106.20	0.024115	2.03	1.69	2.91	0.85
BV16579	116.67	Max WS	TR030_TP01H	3.57	104.90	106.01		106.23	0.024402	2.05	1.74	2.97	0.86
BV16579	116.67	Max WS	TR030_TP02H	3.19	104.90	105.96		106.17	0.023849	1.99	1.60	2.81	0.84
BV16579	116.67	Max WS	TR030_TP03H	2.90	104.90	105.92		106.12	0.023333	1.94	1.49	2.66	0.83
BV16579	116.67	Max WS	TR030_TP04H	2.62	104.90	105.88		106.07	0.023040	1.90	1.38	2.51	0.81
BV16579	116.67	Max WS	TR030_TP06H	2.04	104.90	105.81		105.95	0.019818	1.69	1.20	2.29	0.75
BV16579	116.67	Max WS	TR030_TP08H	1.71	104.90	105.72		105.86	0.022106	1.70	1.01	2.07	0.78
BV16579	113.33	Max WS	TR200_TP03H	3.20	104.24	105.16	105.20	105.46	0.041062	2.44	1.31	2.66	1.11
BV16579	113.33	Max WS	TR200_TP01H	3.40	104.24	105.17	105.22	105.50	0.043149	2.53	1.35	2.70	1.14
BV16579	113.33	Max WS	TR200_TP02H	3.31	104.24	105.16	105.21	105.48	0.042204	2.49	1.33	2.68	1.13
BV16579	113.33	Max WS	TR200_TP0.5H	3.37	104.24	105.17	105.22	105.49	0.043184	2.52	1.34	2.69	1.14
BV16579	113.33	Max WS	TR200_TP04H	3.10	104.24	105.15	105.18	105.44	0.040342	2.41	1.29	2.63	1.10
BV16579	113.33	Max WS	TR200_TP06H	2.89	104.24	105.13	105.15	105.41	0.038353	2.33	1.24	2.57	1.07
BV16579	113.33	Max WS	TR200_TP08H	2.72	104.24	105.12	105.13	105.38	0.036626	2.26	1.21	2.52	1.04
BV16579	113.33	Max WS	TR030_TP0.5H	3.01	104.24	105.14	105.17	105.43	0.039833	2.38	1.26	2.60	1.09
BV16579	113.33	Max WS	TR030_TP01H	3.07	104.24	105.14	105.18	105.44	0.040252	2.40	1.28	2.62	1.10
BV16579	113.33	Max WS	TR030_TP02H	2.91	104.24	105.13	105.16	105.41	0.038699	2.34	1.24	2.57	1.07
BV16579	113.33	Max WS	TR030_TP03H	2.75	104.24	105.12	105.13	105.38	0.037109	2.27	1.21	2.53	1.05
BV16579	113.33	Max WS	TR030_TP04H	2.59	104.24	105.11	105.11	105.35	0.035301	2.20	1.18	2.48	1.02
BV16579	113.33	Max WS	TR030_TP06H	2.15	104.24	105.05	105.04	105.26	0.032703	2.05	1.05	2.29	0.97
BV16579	113.33	Max WS	TR030_TP08H	1.81	104.24	105.02		105.19	0.027126	1.84	0.98	2.21	0.88
BV16579	110	Max WS	TR200_TP03H	1.79	103.58	104.28	104.26	104.46	0.030081	1.86	0.96	2.40	0.94
BV16579	110	Max WS	TR200_TP01H	1.79	103.58	104.28	104.26	104.46	0.030286	1.87	0.96	2.40	0.94
BV16579	110	Max WS	TR200_TP02H	1.79	103.58	104.28	104.26	104.46	0.030191	1.87	0.96	2.40	0.94
BV16579	110	Max WS	TR200_TP0.5H	1									

HEC-RAS River: BV16579 Reach: BV16579 Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
BV16579	110	Max WS	TR030_TP01H	1.79	103.58	104.28	104.26	104.46	0.030198	1.87	0.96	2.40	0.94
BV16579	110	Max WS	TR030_TP02H	1.79	103.58	104.28	104.26	104.46	0.030047	1.86	0.96	2.40	0.94
BV16579	110	Max WS	TR030_TP03H	1.78	103.58	104.28		104.46	0.029974	1.86	0.96	2.40	0.94
BV16579	110	Max WS	TR030_TP04H	1.78	103.58	104.28		104.46	0.029933	1.86	0.96	2.40	0.94
BV16579	110	Max WS	TR030_TP06H	1.78	103.58	104.28		104.46	0.029897	1.86	0.96	2.40	0.94
BV16579	110	Max WS	TR030_TP08H	1.74	103.58	104.28	104.25	104.45	0.030079	1.85	0.94	2.37	0.94
BV16579	106.67	Max WS	TR200_TP03H	1.75	102.94	103.56		103.73	0.028300	1.82	0.96	2.48	0.93
BV16579	106.67	Max WS	TR200_TP01H	1.75	102.94	103.56		103.73	0.028309	1.82	0.96	2.48	0.93
BV16579	106.67	Max WS	TR200_TP02H	1.75	102.94	103.56		103.73	0.028338	1.82	0.96	2.48	0.93
BV16579	106.67	Max WS	TR200_TP05H	1.75	102.94	103.56		103.73	0.028370	1.82	0.96	2.47	0.93
BV16579	106.67	Max WS	TR200_TP04H	1.76	102.94	103.56		103.73	0.028331	1.82	0.96	2.48	0.93
BV16579	106.67	Max WS	TR200_TP06H	1.76	102.94	103.56		103.73	0.028352	1.82	0.96	2.48	0.93
BV16579	106.67	Max WS	TR200_TP08H	1.76	102.94	103.56		103.73	0.028300	1.82	0.97	2.48	0.93
BV16579	106.67	Max WS	TR030_TP05H	1.74	102.94	103.56		103.73	0.028354	1.82	0.96	2.47	0.93
BV16579	106.67	Max WS	TR030_TP01H	1.75	102.94	103.56		103.73	0.028316	1.82	0.96	2.47	0.93
BV16579	106.67	Max WS	TR030_TP02H	1.75	102.94	103.56		103.73	0.028353	1.82	0.96	2.48	0.93
BV16579	106.67	Max WS	TR030_TP03H	1.75	102.94	103.56		103.73	0.028357	1.82	0.96	2.48	0.93
BV16579	106.67	Max WS	TR030_TP04H	1.75	102.94	103.56		103.73	0.028308	1.82	0.96	2.48	0.93
BV16579	106.67	Max WS	TR030_TP06H	1.75	102.94	103.56		103.73	0.028360	1.82	0.96	2.48	0.93
BV16579	106.67	Max WS	TR030_TP08H	1.71	102.94	103.55		103.72	0.028399	1.81	0.95	2.46	0.93
BV16579	106.11	Max WS	TR200_TP03H	1.75	102.84	103.44		103.61	0.028597	1.82	0.96	2.50	0.94
BV16579	106.11	Max WS	TR200_TP01H	1.75	102.84	103.44		103.61	0.027487	1.80	0.97	2.51	0.92
BV16579	106.11	Max WS	TR200_TP02H	1.75	102.84	103.44		103.61	0.028637	1.82	0.96	2.50	0.94
BV16579	106.11	Max WS	TR200_TP05H	1.75	102.84	103.44		103.61	0.028640	1.82	0.96	2.50	0.94
BV16579	106.11	Max WS	TR200_TP04H	1.75	102.84	103.44		103.61	0.028551	1.82	0.96	2.50	0.94
BV16579	106.11	Max WS	TR200_TP06H	1.76	102.84	103.44		103.61	0.028585	1.82	0.96	2.50	0.94
BV16579	106.11	Max WS	TR200_TP08H	1.76	102.84	103.44		103.61	0.028592	1.82	0.96	2.50	0.94
BV16579	106.11	Max WS	TR030_TP05H	1.74	102.84	103.44		103.61	0.028648	1.82	0.96	2.50	0.94
BV16579	106.11	Max WS	TR030_TP01H	1.75	102.84	103.44		103.61	0.028615	1.82	0.96	2.50	0.94
BV16579	106.11	Max WS	TR030_TP02H	1.75	102.84	103.44		103.61	0.028584	1.82	0.96	2.50	0.94
BV16579	106.11	Max WS	TR030_TP03H	1.75	102.84	103.44		103.61	0.028589	1.82	0.96	2.50	0.94
BV16579	106.11	Max WS	TR030_TP04H	1.75	102.84	103.44		103.61	0.028603	1.82	0.96	2.50	0.94
BV16579	106.11	Max WS	TR030_TP06H	1.75	102.84	103.44		103.61	0.028592	1.82	0.96	2.50	0.94
BV16579	106.11	Max WS	TR030_TP08H	1.71	102.84	103.43		103.60	0.028651	1.81	0.94	2.49	0.94
BV16579	105.56	Max WS	TR200_TP03H	1.75	102.73	103.32	103.30	103.49	0.028773	1.82	0.96	2.53	0.94
BV16579	105.56	Max WS	TR200_TP01H	1.74	102.73	103.35		103.49	0.022025	1.65	1.05	2.59	0.83
BV16579	105.56	Max WS	TR200_TP02H	1.69	102.73	103.32		103.48	0.026660	1.75	0.96	2.53	0.91
BV16579	105.56	Max WS	TR200_TP05H	1.73	102.73	103.33		103.49	0.025772	1.74	0.99	2.55	0.89
BV16579	105.56	Max WS	TR200_TP04H	1.76	102.73	103.32	103.30	103.49	0.028735	1.82	0.96	2.53	0.94
BV16579	105.56	Max WS	TR200_TP06H	1.76	102.73	103.32	103.30	103.49	0.028762	1.82	0.96	2.53	0.94
BV16579	105.56	Max WS	TR200_TP08H	1.76	102.73	103.32	103.30	103.49	0.028769	1.82	0.96	2.53	0.94
BV16579	105.56	Max WS	TR030_TP05H	1.74	102.73	103.32	103.30	103.49	0.028759	1.82	0.96	2.53	0.94
BV16579	105.56	Max WS	TR030_TP01H	1.75	102.73	103.32	103.30	103.49	0.028794	1.82	0.96	2.53	0.94
BV16579	105.56	Max WS	TR030_TP02H	1.75	102.73	103.32	103.30	103.49	0.028762	1.82	0.96	2.53	0.94
BV16579	105.56	Max WS	TR030_TP03H	1.75	102.73	103.32	103.30	103.49	0.028767	1.82	0.96	2.53	0.94
BV16579	105.56	Max WS	TR030_TP04H	1.75	102.73	103.32	103.30	103.49	0.028781	1.82	0.96	2.53	0.94
BV16579	105.56	Max WS	TR030_TP06H	1.75	102.73	103.32	103.30	103.49	0.028771	1.82	0.96	2.53	0.94
BV16579	105.56	Max WS	TR030_TP08H	1.71	102.73	103.31	103.29	103.48	0.028783	1.81	0.95	2.52	0.94
BV16579	105.00	Max WS	TR200_TP03H	1.64	102.62	103.20		103.35	0.025538	1.70	0.96	2.58	0.89
BV16579	105.00	Max WS	TR200_TP01H	1.74	102.62	103.31		103.41	0.013498	1.39	1.26	2.78	0.66
BV16579	105.00	Max WS	TR200_TP02H	1.68	102.62	103.24		103.37	0.019283	1.56	1.08	2.66	0.78
BV16579	105.00	Max WS	TR200_TP05H	1.72	102.62	103.26		103.38	0.017586	1.52	1.13	2.70	0.75
BV16579	105.00	Max WS	TR200_TP04H	1.76	102.62	103.20	103.18	103.37	0.029266	1.82	0.96	2.58	0.95
BV16579	105.00	Max WS	TR200_TP06H	1.76	102.62	103.20	103.18	103.37	0.029286	1.82	0.96	2.58	0.95
BV16579	105.00	Max WS	TR200_TP08H	1.76	102.62	103.20	103.18	103.37	0.029294	1.83	0.96	2.58	0.95
BV16579	105.00	Max WS	TR030_TP05H	1.74	102.62	103.20	103.18	103.37	0.029289	1.82	0.96	2.58	0.95
BV16579	105.00	Max WS	TR030_TP01H	1.75	102.62	103.20	103.18	103.37	0.029253	1.82	0.96	2.58	0.95
BV16579	105.00	Max WS	TR030_TP02H	1.75	102.62	103.20	103.18	103.37	0.029287	1.82	0.96	2.58	0.95
BV16579	105.00	Max WS	TR030_TP03H	1.75	102.62	103.20	103.18	103.37	0.029294	1.82	0.96	2.58	0.95
BV16579	105.00	Max WS	TR030_TP04H	1.75	102.62	103.20	103.18	103.37	0.029308	1.82	0.96	2.58	0.95
BV16579	105.00	Max WS	TR030_TP06H	1.75	102.62	103.20	103.18	103.37	0.029300	1.82	0.96	2.58	0.95
BV16579	105.00	Max WS	TR030_TP08H	1.71	102.62	103.19	103.18	103.36	0.029201	1.81	0.95	2.57	0.95
BV16579	104.44	Max WS	TR200_TP03H	1.64	102.52	103.14		103.24	0.016673	1.46	1.12	2.75	0.73
BV16579	104.44	Max WS	TR200_TP01H	1.74	102.52	103.29		103.35	0.007491	1.11	1.57	3.11	0.50
BV16579	104.44	Max WS	TR200_TP02H	1.68	102.52	103.21		103.29	0.011054	1.26	1.33	2.95	0.60
BV16579	104.44	Max WS	TR200_TP05H	1.72	102.52	103.23		103.31	0.010124	1.23	1.40	3.04	0.58
BV16579	104.44	Max WS	TR200_TP04H	1.63	102.52	103.08		103.22	0.024757	1.67	0.97	2.65	0.88
BV16579	104.44	Max WS	TR200_TP06H	1.75	102.52	103.08	103.06	103.25	0.029376	1.81	0.97	2.64	0.96
BV16579	104.44	Max WS	TR200_TP08H	1.76	102.52	103.08	103.06	103.25	0.029424	1.82	0.97	2.64	0.96
BV16579	104.44	Max WS	TR030_TP05H	1.74	102.52	103.08	103.06	103.24	0.029296	1.81	0.96	2.64	0.96
BV16579	104.44	Max WS	TR030_TP01H	1.75	102.52	103.08	103.06	103.24	0.029253	1.81	0.97	2.64	0.96
BV16579	104.44	Max WS	TR030_TP02H	1.75	102.52	103.08	103.06	103.25	0.029343	1.81	0.97	2.64	0.96
BV16579	104.44	Max WS	TR030_TP03H	1.75	102.52	103.08	103.06	103.25	0.029356	1.81	0.97	2.64	0.96
BV16579	104.44	Max WS	TR030_TP04H	1.75	102.52	103.08	103.06	103.25	0.029370	1.81	0.97	2.64	0.96
BV16579	104.44	Max WS	TR030_TP06H	1.75	102.52	103.08	103.06	103.25	0.029361	1.81	0.97	2.64	0.96
BV16579	104.44	Max WS	TR030_TP08H	1.71	102.52	103.07	103.06	103.24	0.029441	1.80	0.95	2.63	0.96
BV16579	103.89	Max WS	TR200_TP03H	1.71	102.41	103.08		103.16	0.011664	1.28	1.33	3.03	0.62
BV16579	103.89	Max WS	TR200_TP01H	2.01	102.41	103.24		103.30	0.006368	1.08	1.86	3.34	0.46
BV16579	103.89	Max WS	TR200_TP02H	1.85	102.41	103.16		103.23	0.008399	1.16	1.59	3.24	0.53
BV16579	103.89	Max WS	TR200_TP05H	1.92	102.41	103.19		103.25	0.007876	1.15	1.67	3.27	0.51
BV16579	103.89	Max WS	TR200_TP04H	1.66	102.41	103.00		103.12	0.018519	1.51	1.10	2.83	0.77
BV16579	103.89	Max WS	TR200_TP06H	1.74	102.41	102.95	102.94	103.12	0.030361	1.81	0.96	2.72	0.98
BV16579	103.89	Max WS	TR200_TP08H	1.75	102.41	102.95	102.94	103.12	0.030490	1.82	0.96	2.72	0.98
BV16579	103.89	Max WS	TR030_TP05H	1.74	102.41	102.95	102.94	103.12	0.030543	1.82	0.96</		

HEC-RAS River: BV16579 Reach: BV16579 Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
BV16579	103.89	Max WS	TR030_TP06H	1.75	102.41	102.95	102.94	103.12	0.030529	1.82	0.96	2.72	0.98
BV16579	103.89	Max WS	TR030_TP08H	1.71	102.41	102.95	102.94	103.11	0.029948	1.80	0.95	2.71	0.97
BV16579	103.33	Max WS	TR200_TP03H	1.81	102.31	103.05		103.11	0.007303	1.09	1.67	3.40	0.50
BV16579	103.33	Max WS	TR200_TP01H	2.36	102.31	103.20		103.26	0.005607	1.07	2.21	3.63	0.44
BV16579	103.33	Max WS	TR200_TP02H	2.06	102.31	103.13		103.18	0.006112	1.06	1.94	3.51	0.46
BV16579	103.33	Max WS	TR200_TP0.5H	2.18	102.31	103.15		103.21	0.006194	1.08	2.01	3.54	0.46
BV16579	103.33	Max WS	TR200_TP04H	1.69	102.31	102.96		103.04	0.010488	1.22	1.39	3.18	0.59
BV16579	103.33	Max WS	TR200_TP06H	1.56	102.31	102.83		102.96	0.023885	1.59	0.98	2.85	0.87
BV16579	103.33	Max WS	TR200_TP08H	1.67	102.31	102.81	102.81	102.97	0.032667	1.81	0.92	2.81	1.01
BV16579	103.33	Max WS	TR030_TP0.5H	1.54	102.31	102.83		102.95	0.023198	1.57	0.98	2.86	0.85
BV16579	103.33	Max WS	TR030_TP01H	1.64	102.31	102.89		102.99	0.016202	1.41	1.16	2.99	0.72
BV16579	103.33	Max WS	TR030_TP02H	1.56	102.31	102.83		102.96	0.023923	1.59	0.98	2.85	0.87
BV16579	103.33	Max WS	TR030_TP03H	1.67	102.31	102.80	102.81	102.98	0.035543	1.87	0.90	2.79	1.05
BV16579	103.33	Max WS	TR030_TP04H	1.73	102.31	102.77	102.82	103.00	0.051259	2.14	0.81	2.72	1.25
BV16579	103.33	Max WS	TR030_TP06H	1.75	102.31	102.76	102.82	103.01	0.058688	2.25	0.78	2.69	1.33
BV16579	103.33	Max WS	TR030_TP08H	1.71	102.31	102.75	102.81	103.01	0.061455	2.26	0.75	2.67	1.36
BV16579	102.78*	Max WS	TR200_TP03H	2.12	102.02	103.03		103.06	0.002912	0.81	2.63	4.01	0.32
BV16579	102.78*	Max WS	TR200_TP01H	2.92	102.02	103.17		103.21	0.003085	0.90	3.23	4.20	0.33
BV16579	102.78*	Max WS	TR200_TP02H	2.48	102.02	103.10		103.14	0.002881	0.84	2.94	4.11	0.32
BV16579	102.78*	Max WS	TR200_TP0.5H	2.65	102.02	103.12		103.16	0.003072	0.88	3.02	4.14	0.33
BV16579	102.78*	Max WS	TR200_TP04H	1.93	102.02	102.95		102.98	0.003508	0.84	2.31	3.91	0.35
BV16579	102.78*	Max WS	TR200_TP06H	1.66	102.02	102.80		102.85	0.005661	0.94	1.77	3.73	0.44
BV16579	102.78*	Max WS	TR200_TP08H	1.67	102.02	102.69		102.76	0.012519	1.24	1.34	3.47	0.64
BV16579	102.78*	Max WS	TR030_TP0.5H	1.66	102.02	102.80		102.84	0.005904	0.95	1.74	3.72	0.45
BV16579	102.78*	Max WS	TR030_TP01H	1.77	102.02	102.88		102.92	0.004158	0.86	2.05	3.82	0.38
BV16579	102.78*	Max WS	TR030_TP02H	1.65	102.02	102.78		102.83	0.006410	0.98	1.68	3.70	0.46
BV16579	102.78*	Max WS	TR030_TP03H	1.67	102.02	102.67		102.76	0.014217	1.31	1.28	3.36	0.68
BV16579	102.78*	Max WS	TR030_TP04H	1.62	102.02	102.58		102.71	0.025072	1.62	1.00	2.96	0.89
BV16579	102.78*	Max WS	TR030_TP06H	1.75	102.02	102.53	102.57	102.74	0.045265	2.07	0.85	2.70	1.18
BV16579	102.78*	Max WS	TR030_TP08H	1.70	102.02	102.50	102.56	102.74	0.051671	2.17	0.79	2.57	1.25
BV16579	102.22*	Max WS	TR200_TP03H	2.46	101.73	103.01		103.04	0.001656	0.69	3.59	4.45	0.24
BV16579	102.22*	Max WS	TR200_TP01H	3.56	101.73	103.15		103.19	0.002208	0.85	4.21	4.60	0.28
BV16579	102.22*	Max WS	TR200_TP02H	2.94	101.73	103.09		103.12	0.001834	0.75	3.93	4.53	0.26
BV16579	102.22*	Max WS	TR200_TP0.5H	3.18	101.73	103.10		103.13	0.002038	0.79	3.99	4.55	0.27
BV16579	102.22*	Max WS	TR200_TP04H	2.24	101.73	102.93		102.96	0.001833	0.69	3.24	4.37	0.26
BV16579	102.22*	Max WS	TR200_TP06H	1.79	101.73	102.80		102.82	0.002105	0.68	2.65	4.23	0.27
BV16579	102.22*	Max WS	TR200_TP08H	1.68	101.73	102.68		102.71	0.003047	0.77	2.19	3.85	0.33
BV16579	102.22*	Max WS	TR030_TP0.5H	1.78	101.73	102.79		102.81	0.002147	0.68	2.62	4.22	0.28
BV16579	102.22*	Max WS	TR030_TP01H	2.01	101.73	102.87		102.89	0.001950	0.68	2.95	4.30	0.26
BV16579	102.22*	Max WS	TR030_TP02H	1.74	101.73	102.78		102.80	0.002179	0.68	2.56	4.21	0.28
BV16579	102.22*	Max WS	TR030_TP03H	1.67	101.73	102.67		102.70	0.003261	0.79	2.12	3.79	0.34
BV16579	102.22*	Max WS	TR030_TP04H	1.67	101.73	102.56		102.61	0.005613	0.96	1.74	3.48	0.43
BV16579	102.22*	Max WS	TR030_TP06H	1.82	101.73	102.36		102.50	0.020344	1.62	1.12	2.72	0.80
BV16579	102.22*	Max WS	TR030_TP08H	1.66	101.73	102.32		102.46	0.022765	1.65	1.01	2.60	0.84
BV16579	101.67*	Max WS	TR200_TP03H	2.75	101.44	103.01		103.02	0.001036	0.58	4.74	5.02	0.19
BV16579	101.67*	Max WS	TR200_TP01H	3.88	101.44	103.14		103.17	0.001386	0.71	5.43	5.04	0.22
BV16579	101.67*	Max WS	TR200_TP02H	3.24	101.44	103.08		103.10	0.001144	0.63	5.13	5.04	0.20
BV16579	101.67*	Max WS	TR200_TP0.5H	3.52	101.44	103.10		103.12	0.001307	0.68	5.19	5.04	0.21
BV16579	101.67*	Max WS	TR200_TP04H	2.53	101.44	102.93		102.95	0.001110	0.58	4.35	4.86	0.20
BV16579	101.67*	Max WS	TR200_TP06H	2.06	101.44	102.79		102.81	0.001142	0.56	3.69	4.59	0.20
BV16579	101.67*	Max WS	TR200_TP08H	1.94	101.44	102.67		102.69	0.001568	0.61	3.17	4.45	0.23
BV16579	101.67*	Max WS	TR030_TP0.5H	2.04	101.44	102.78		102.80	0.001149	0.56	3.66	4.58	0.20
BV16579	101.67*	Max WS	TR030_TP01H	2.30	101.44	102.86		102.88	0.001133	0.57	4.02	4.73	0.20
BV16579	101.67*	Max WS	TR030_TP02H	1.98	101.44	102.77		102.79	0.001126	0.55	3.60	4.55	0.20
BV16579	101.67*	Max WS	TR030_TP03H	1.92	101.44	102.66		102.68	0.001641	0.62	3.10	4.43	0.24
BV16579	101.67*	Max WS	TR030_TP04H	1.80	101.44	102.56		102.58	0.002287	0.68	2.65	4.35	0.28
BV16579	101.67*	Max WS	TR030_TP06H	1.82	101.44	102.36		102.41	0.004584	0.96	1.90	3.09	0.39
BV16579	101.67*	Max WS	TR030_TP08H	1.75	101.44	102.29		102.35	0.005751	1.03	1.70	2.93	0.43
BV16579	101.11*	Max WS	TR200_TP03H	5.25	101.15	102.90		102.95	0.002935	1.02	5.15	4.83	0.32
BV16579	101.11*	Max WS	TR200_TP01H	6.91	101.15	103.03		103.10	0.003682	1.20	5.76	4.83	0.35
BV16579	101.11*	Max WS	TR200_TP02H	6.28	101.15	102.97		103.03	0.003537	1.15	5.47	4.83	0.34
BV16579	101.11*	Max WS	TR200_TP0.5H	6.47	101.15	102.98		103.05	0.003600	1.17	5.54	4.83	0.35
BV16579	101.11*	Max WS	TR200_TP04H	4.87	101.15	102.84		102.89	0.003046	1.01	4.83	4.83	0.32
BV16579	101.11*	Max WS	TR200_TP06H	3.61	101.15	102.73		102.77	0.002323	0.84	4.32	4.80	0.28
BV16579	101.11*	Max WS	TR200_TP08H	2.96	101.15	102.63		102.66	0.002155	0.77	3.86	4.70	0.27
BV16579	101.11*	Max WS	TR030_TP0.5H	3.64	101.15	102.72		102.76	0.002411	0.85	4.28	4.79	0.29
BV16579	101.11*	Max WS	TR030_TP01H	4.27	101.15	102.78		102.83	0.002757	0.94	4.57	4.83	0.31
BV16579	101.11*	Max WS	TR030_TP02H	3.48	101.15	102.71		102.75	0.002282	0.82	4.23	4.78	0.28
BV16579	101.11*	Max WS	TR030_TP03H	2.86	101.15	102.62		102.65	0.002126	0.76	3.79	4.69	0.27
BV16579	101.11*	Max WS	TR030_TP04H	2.41	101.15	102.53		102.55	0.002118	0.71	3.37	4.60	0.27
BV16579	101.11*	Max WS	TR030_TP06H	1.82	101.15	102.37		102.39	0.002003	0.68	2.68	3.73	0.26
BV16579	101.11*	Max WS	TR030_TP08H	1.96	101.15	102.24		102.28	0.003204	0.87	2.26	3.02	0.32
BV16579	100.56*	Max WS	TR200_TP03H	6.67	100.86	102.84		102.91	0.003994	1.20	5.54	4.61	0.35
BV16579	100.56*	Max WS	TR200_TP01H	9.35	100.86	102.87		103.01	0.007152	1.63	5.73	4.61	0.47
BV16579	100.56*	Max WS	TR200_TP02H	6.92	100.86	102.86		102.94	0.004031	1.22	5.67	4.61	0.35
BV16579	100.56*	Max WS	TR200_TP0.5H	8.76	100.86	102.84		102.97	0.006800	1.57	5.57	4.61	0.46
BV16579	100.56*	Max WS	TR200_TP04H	6.44	100.86	102.76		102.84	0.004508	1.24	5.19	4.61	0.37
BV16579	100.56*	Max WS	TR200_TP06H	5.33	100.86	102.65		102.71	0.004195	1.14	4.67	4.61	0.36
BV16579	100.56*	Max WS	TR200_TP08H	4.35	100.86	102.57		102.62	0.003542	1.01	4.31	4.60	0.33
BV16579	100.56*	Max WS	TR030_TP0.5H	5.42	100.86	102.63		102.70	0.004576	1.18	4.59	4.61	0.38
BV16579	100.56*	Max WS	TR030_TP01H	5.87	100.86	102.70		102.77	0.004387	1.19	4.92	4.61	0.37
BV16579	100.56*	Max WS	TR030_TP02H	5.04	100.86	102.63		102.69	0.003902	1.09	4.61	4.61	0.35
BV16579	100.56*	Max WS	TR030_TP03H	4.17	100.86	102.56		102.61	0.003376	0.98	4.26	4.60	0.33
BV16579	100.56*	Max WS	TR030_TP04H	3.37	100.86	102.47		102.51	0.002910	0.87	3.87	4.56	0.30
BV16579	100.56*	Max WS	TR030_TP06H	2.39	100.86	102.34		102.37	0.002378	0.73	3.27	4.40	0.27

HEC-RAS River: BV16579 Reach: BV16579 Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
BV16579	100	Max WS	TR200_TP01H	8.83	100.57	102.89		102.99	0.005427	1.42	6.23	4.39	0.38
BV16579	100	Max WS	TR200_TP02H	5.35	100.57	102.93		102.96	0.001839	0.84	6.40	4.39	0.22
BV16579	100	Max WS	TR200_TP05H	7.45	100.57	102.86		102.93	0.004087	1.22	6.10	4.39	0.33
BV16579	100	Max WS	TR200_TP04H	5.76	100.57	102.78		102.83	0.002888	1.00	5.76	4.39	0.28
BV16579	100	Max WS	TR200_TP06H	5.31	100.57	102.64		102.70	0.003362	1.03	5.16	4.39	0.30
BV16579	100	Max WS	TR200_TP08H	4.42	100.57	102.57		102.61	0.002845	0.92	4.82	4.39	0.28
BV16579	100	Max WS	TR030_TP05H	5.56	100.57	102.61		102.68	0.003956	1.10	5.04	4.39	0.33
BV16579	100	Max WS	TR030_TP01H	5.32	100.57	102.72		102.77	0.002815	0.97	5.50	4.39	0.28
BV16579	100	Max WS	TR030_TP02H	4.93	100.57	102.64		102.69	0.002910	0.96	5.15	4.39	0.28
BV16579	100	Max WS	TR030_TP03H	4.37	100.57	102.55		102.59	0.002894	0.92	4.76	4.39	0.28
BV16579	100	Max WS	TR030_TP04H	3.89	100.57	102.46		102.50	0.002957	0.89	4.36	4.39	0.29
BV16579	100	Max WS	TR030_TP06H	3.09	100.57	102.30		102.34	0.003149	0.85	3.66	4.39	0.30
BV16579	100	Max WS	TR030_TP08H	2.02	100.57	102.25		102.27	0.001598	0.58	3.45	4.39	0.21