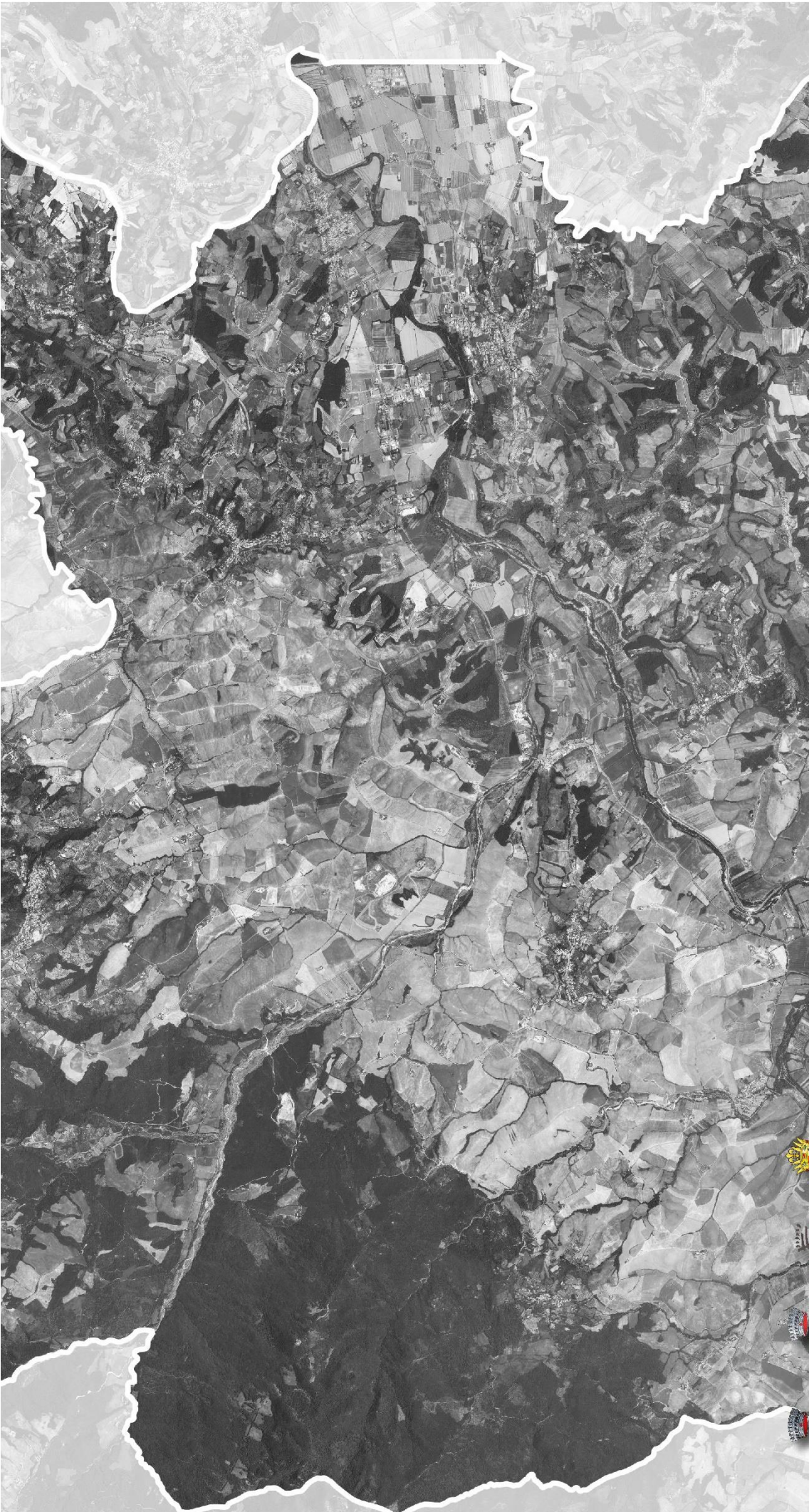




PSI 2022 CHIANNI, LAJATICO, PECCIOLI, TERRICCIOIOLA



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

ELAB **PSI**
Ql.001a
Luglio 2026



Allegati di modellazione idraulica-Lajatico



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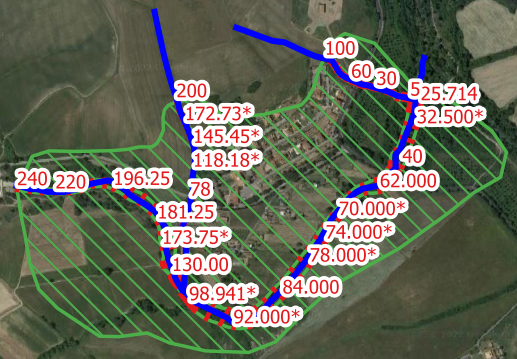
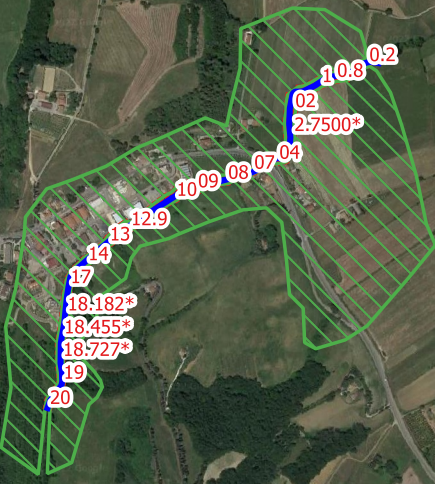
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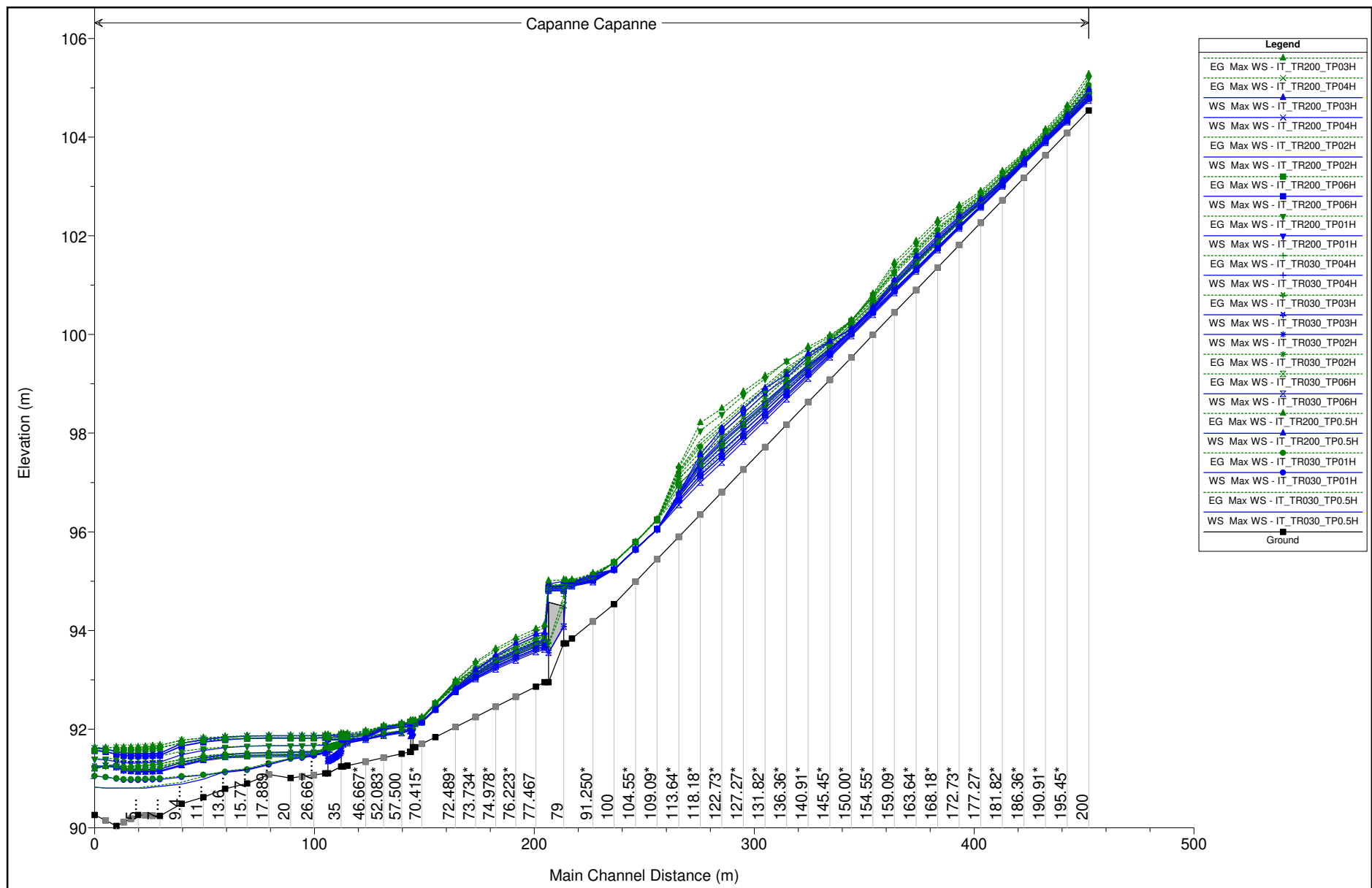
Collaboratori:

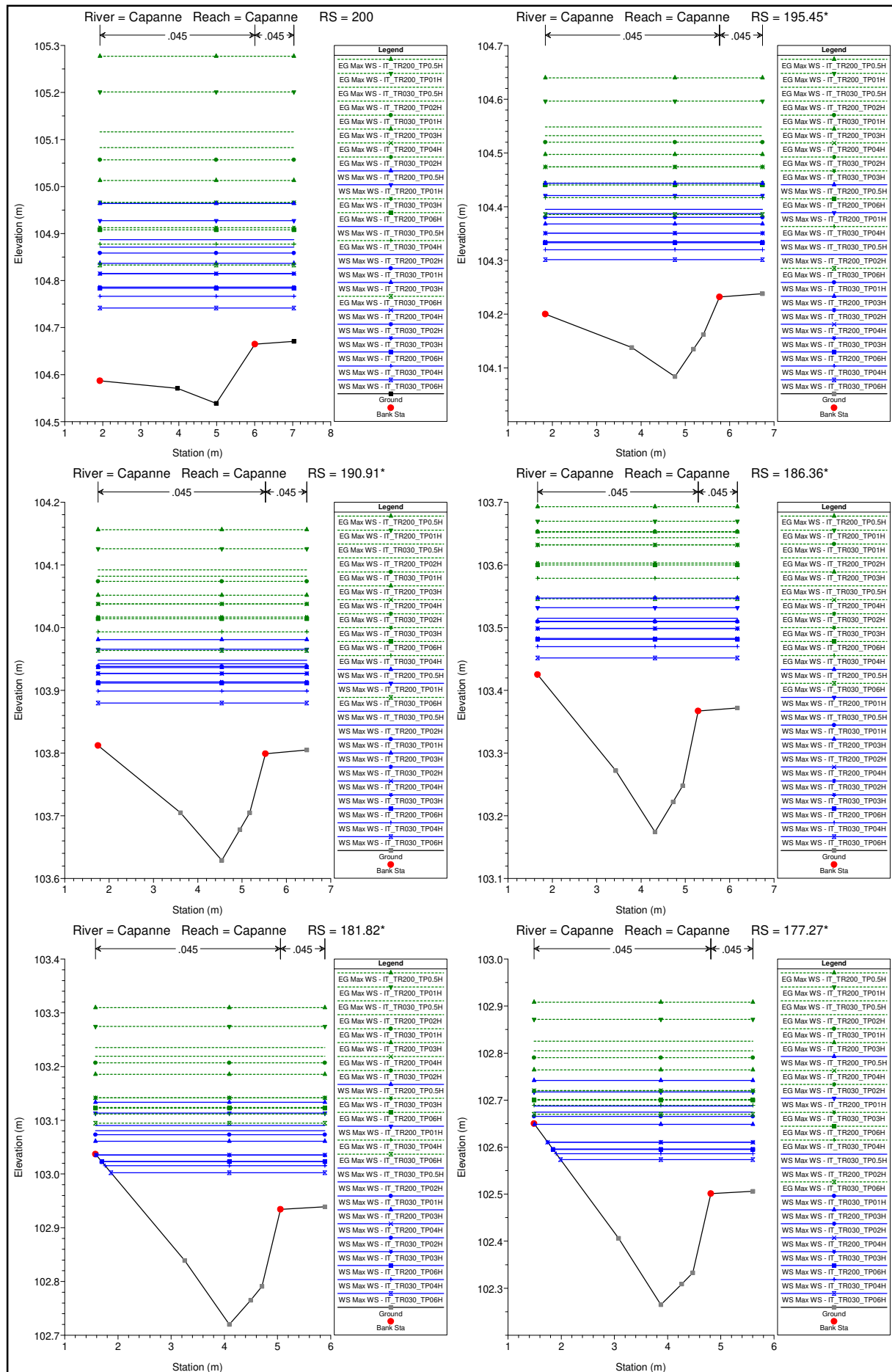
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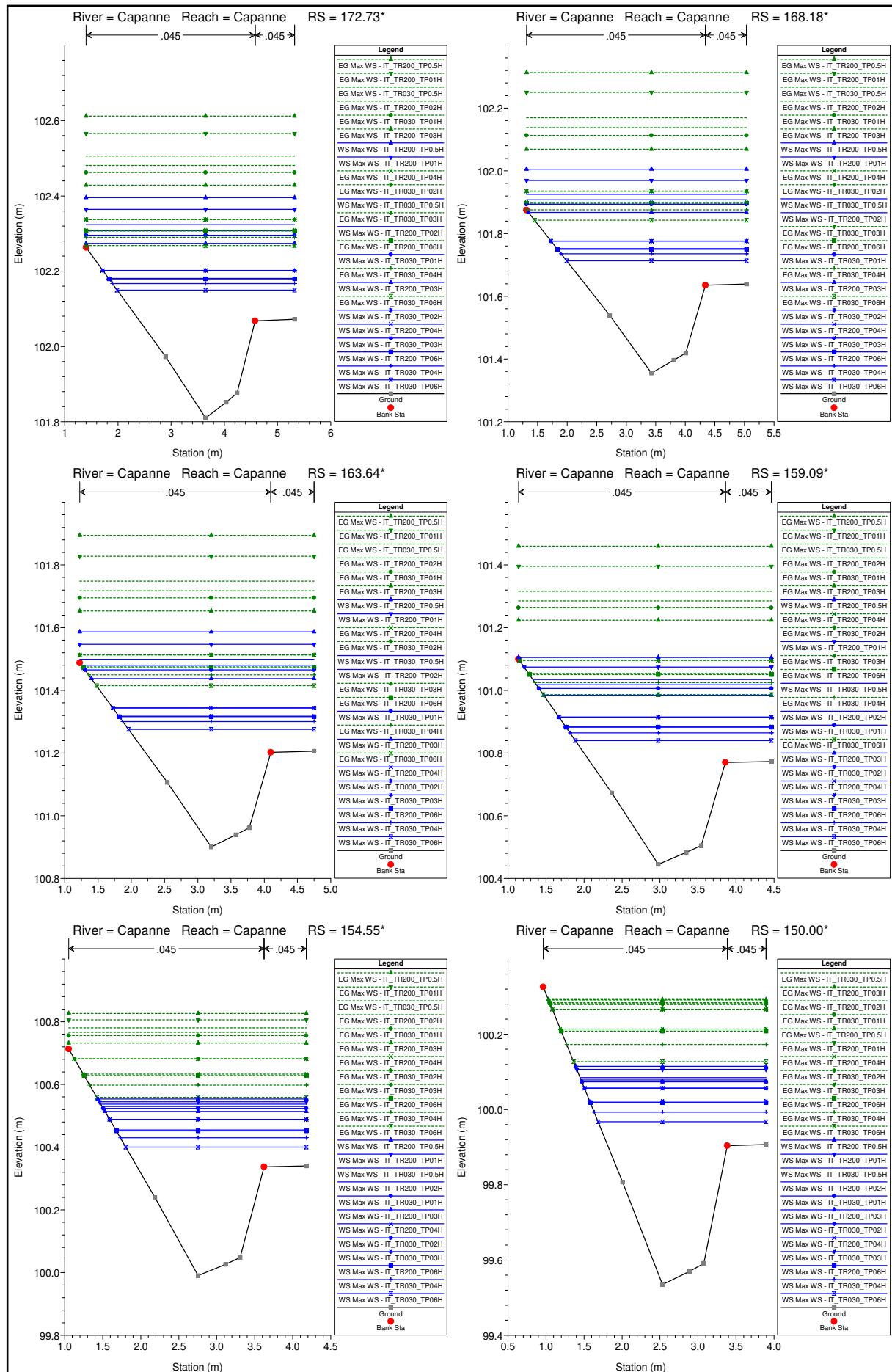


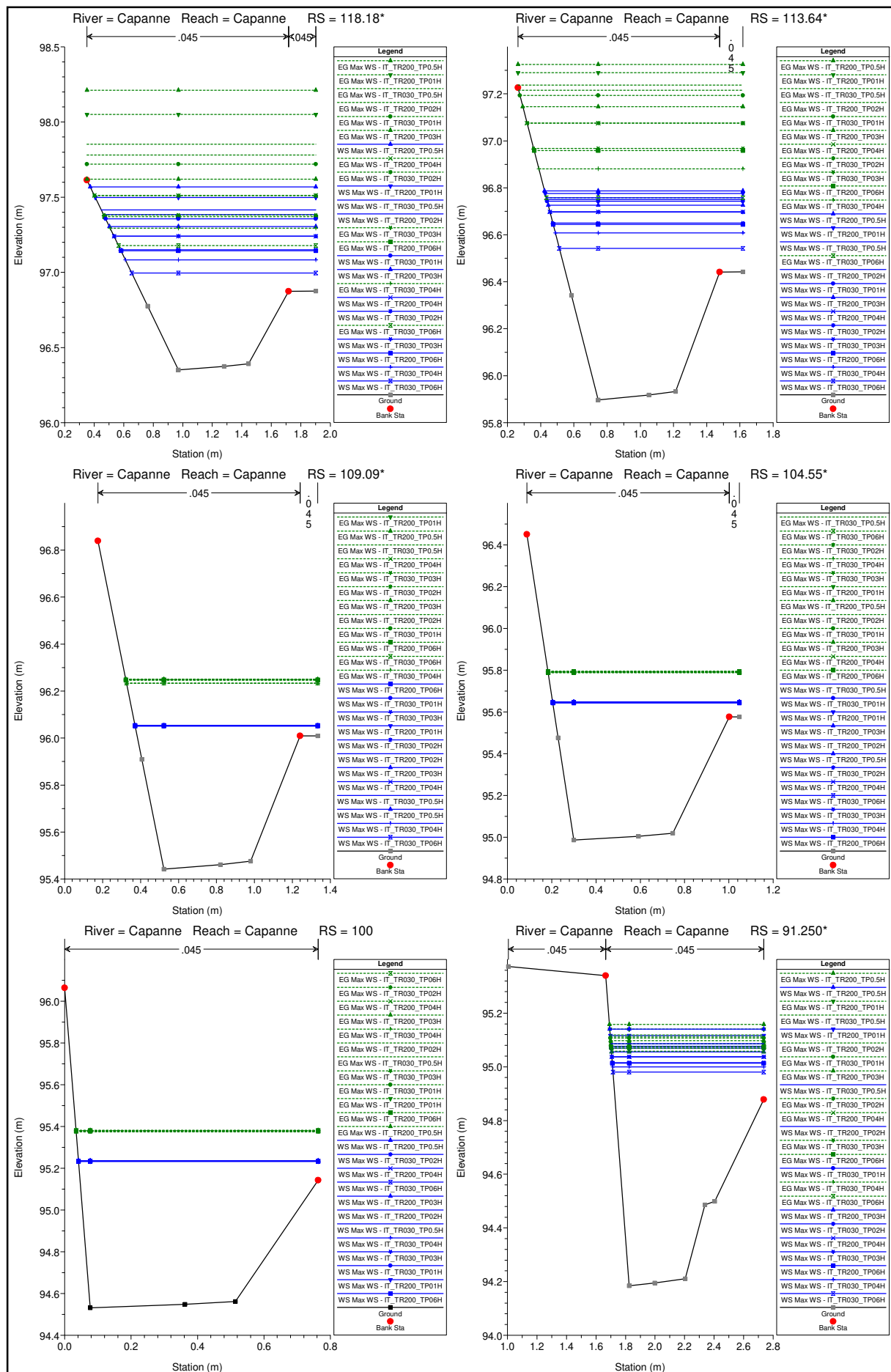
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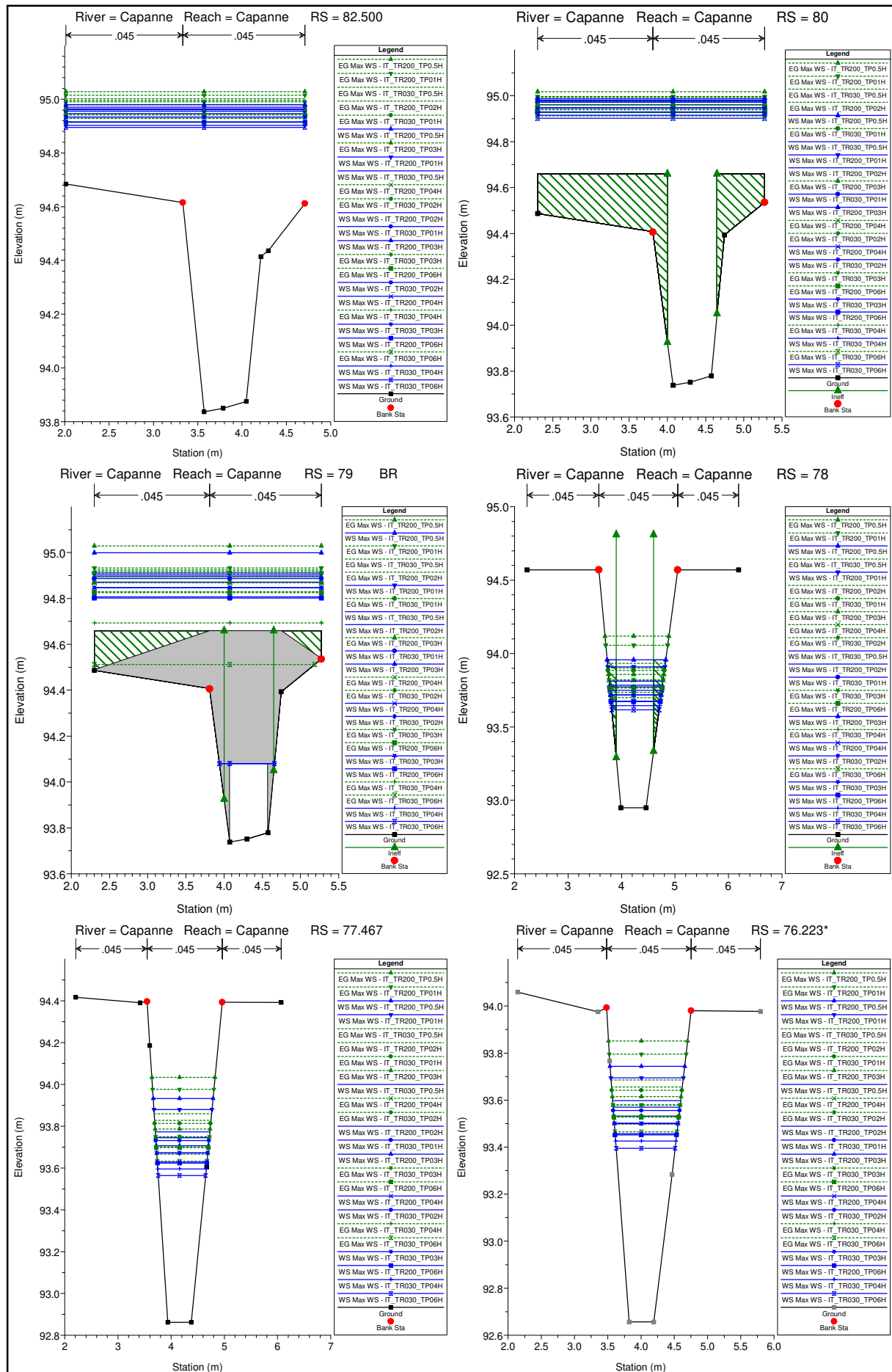


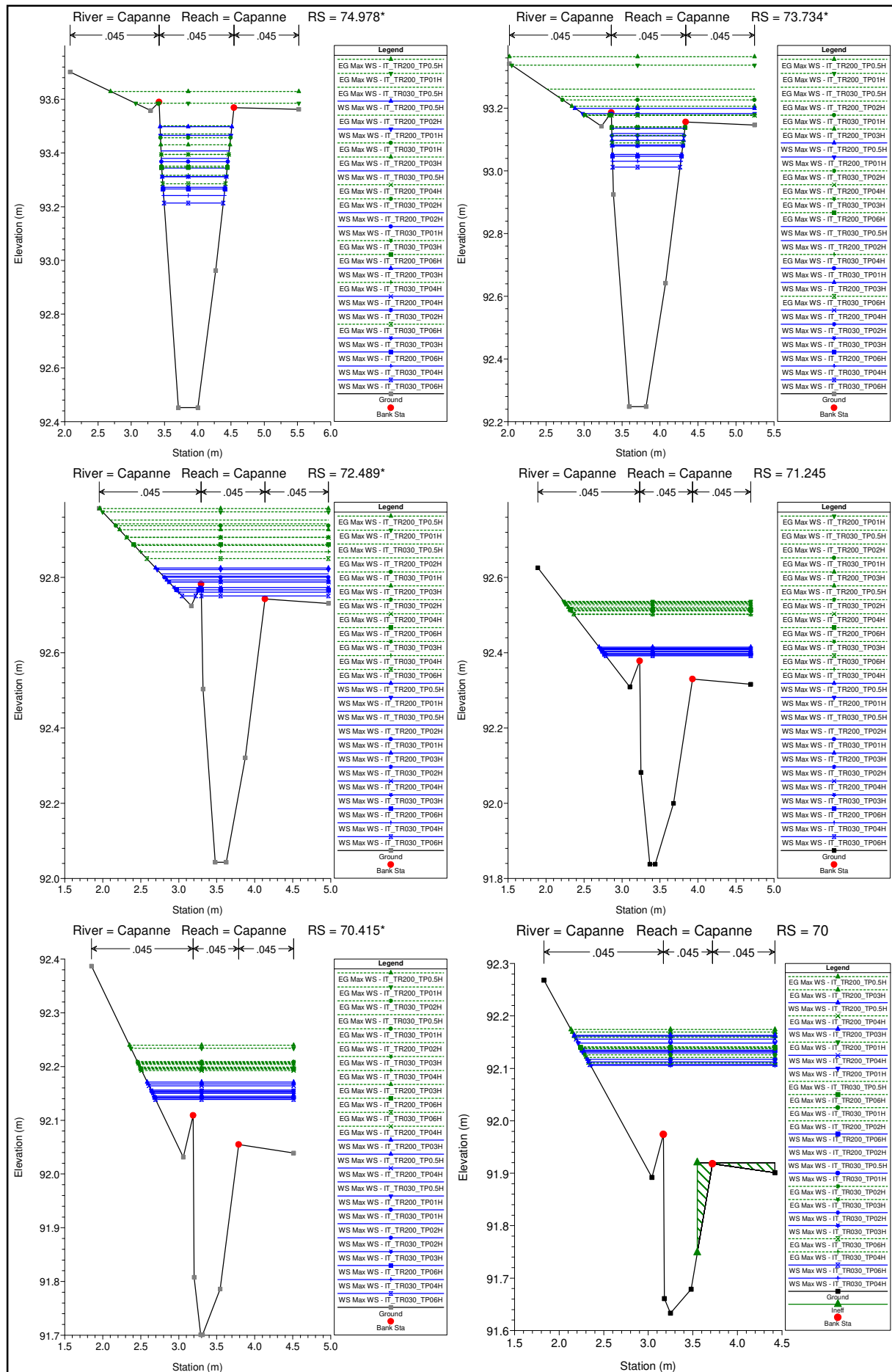


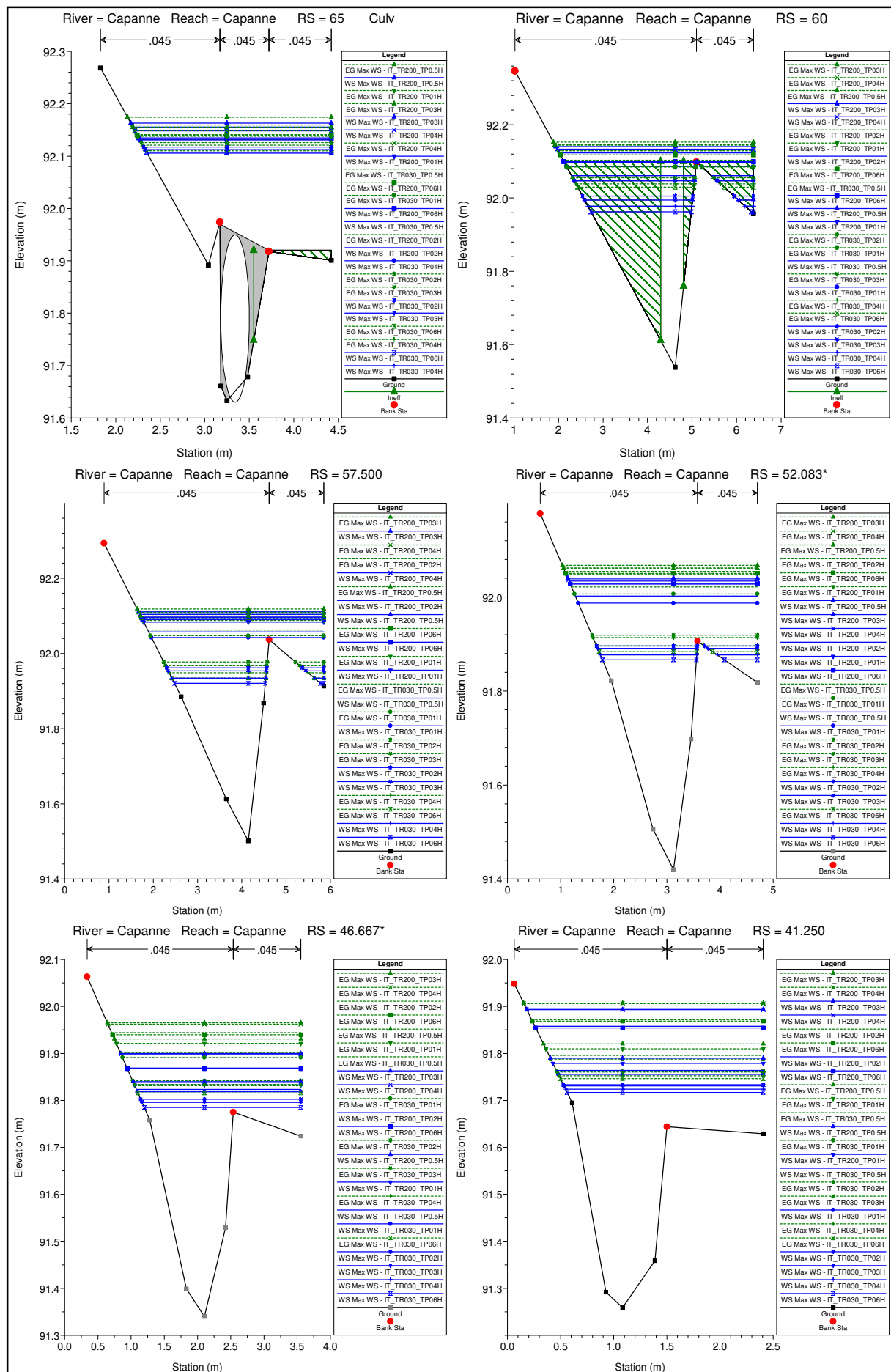


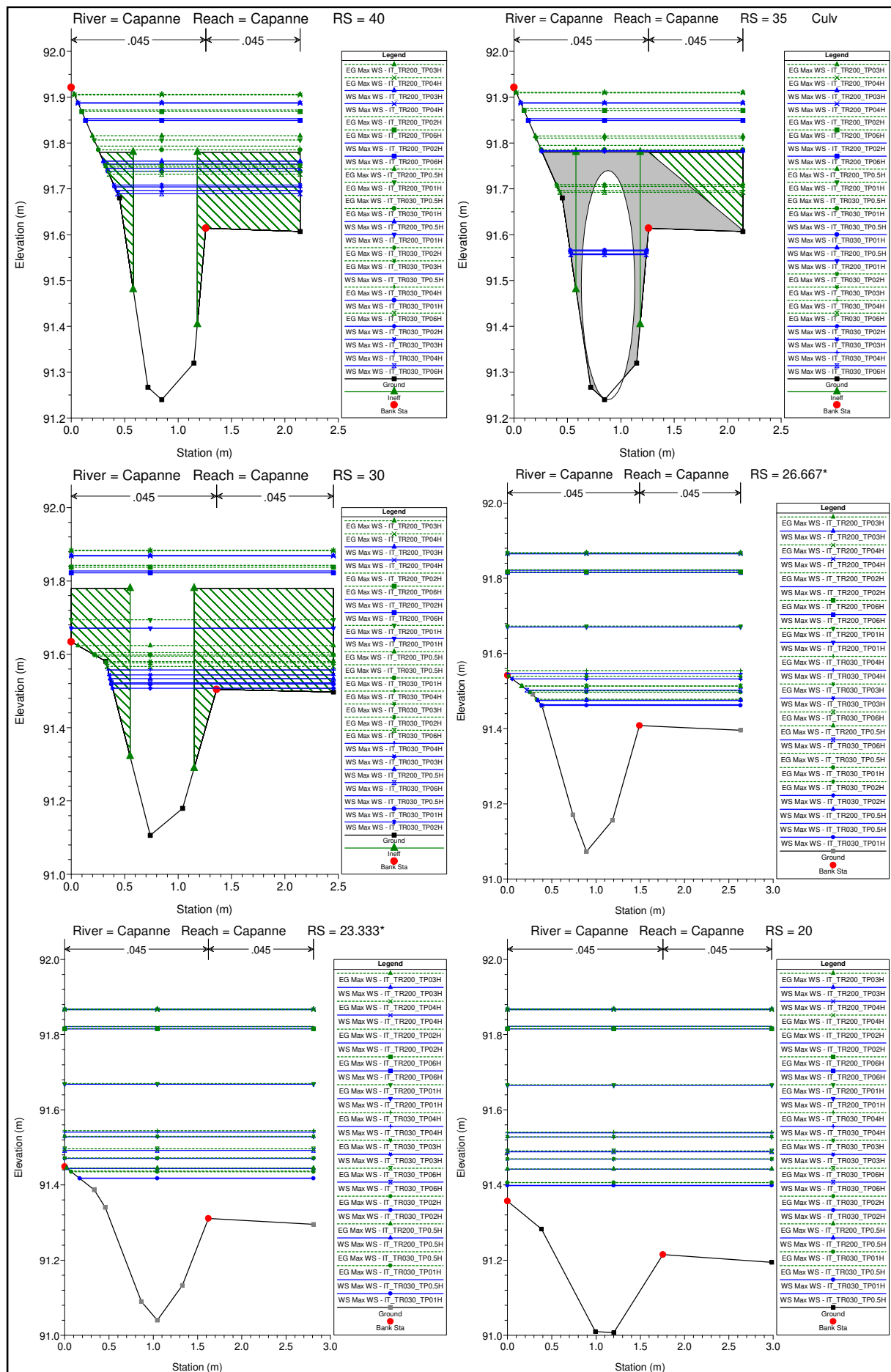


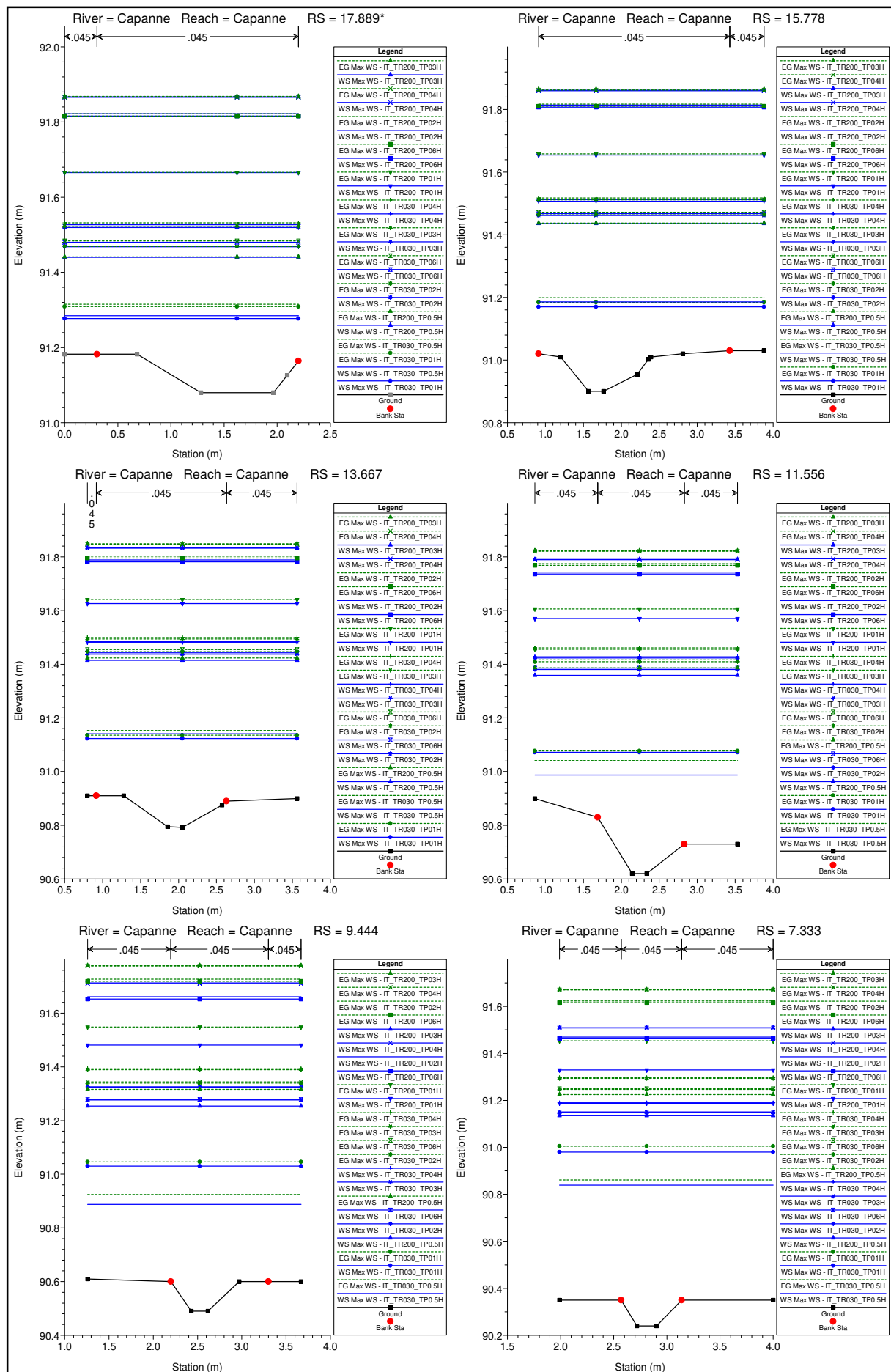


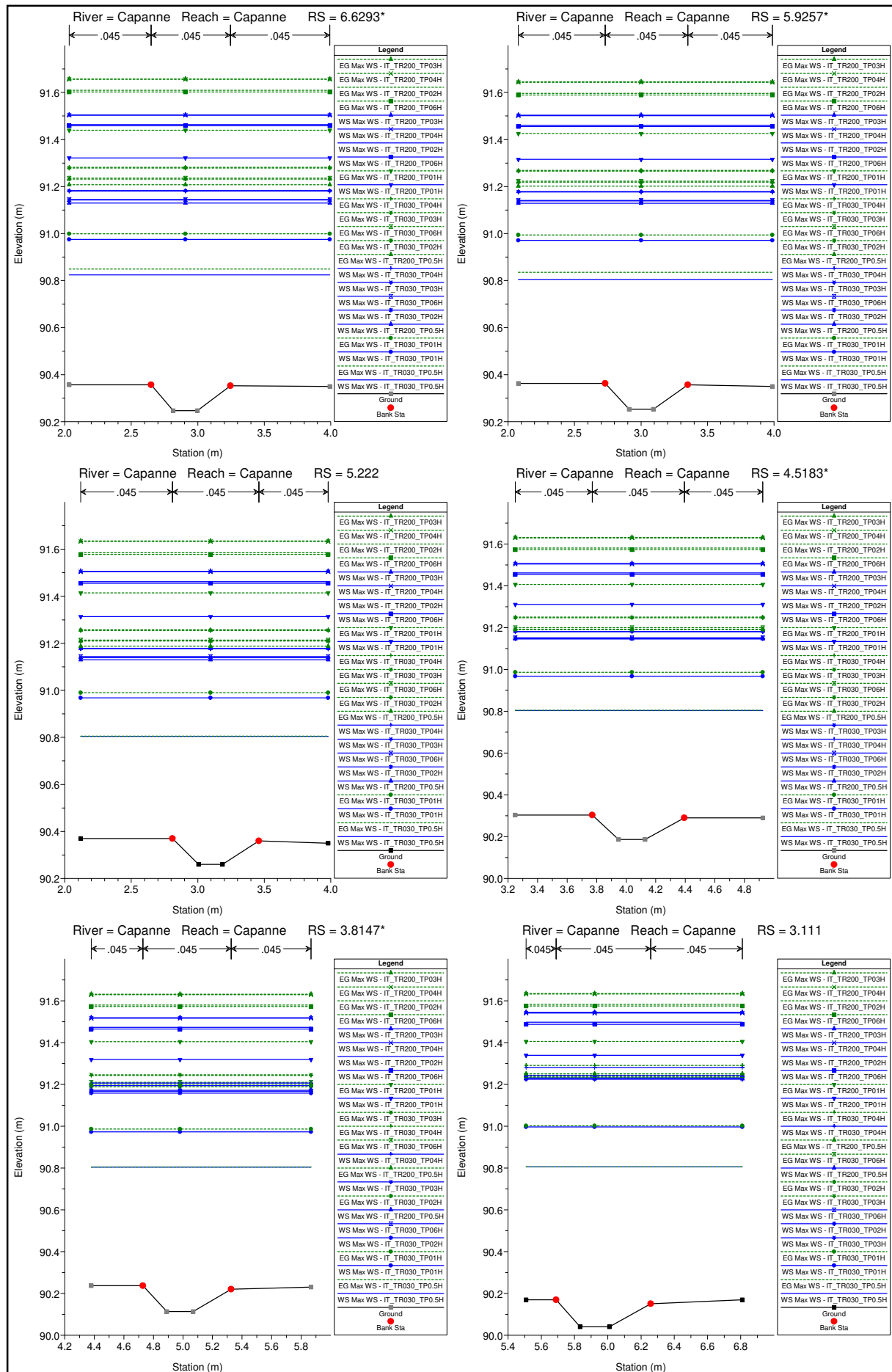


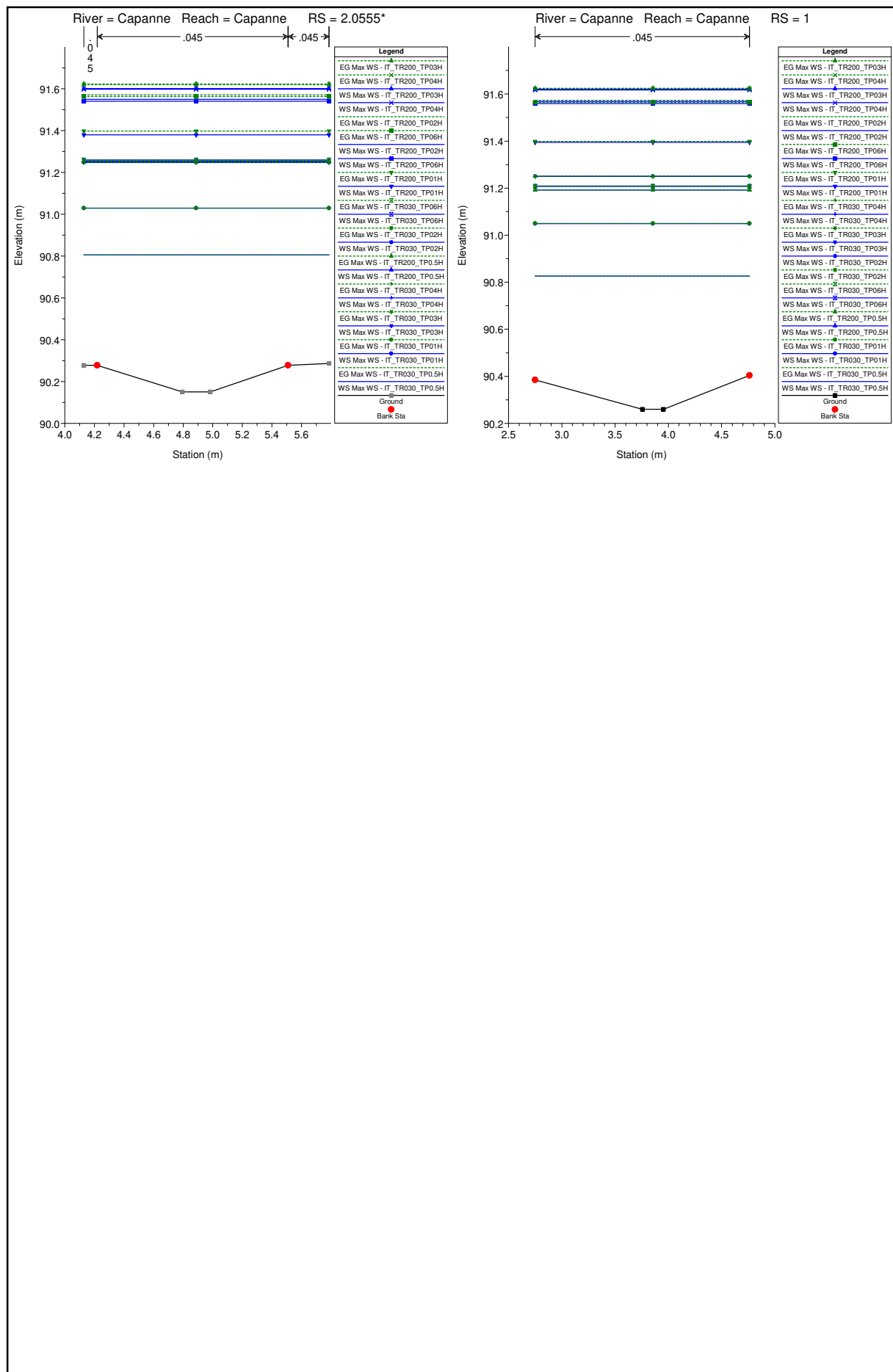












HEC-RAS River: Capanne Reach: Capanne Profile: Max WS

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
Capanne	200	Max WS	IT_TR200_TP02H	2.81	104.54	104.87	104.92	105.08	0.050234	2.09	1.40	5.10	1.24
Capanne	200	Max WS	IT_TR200_TP03H	2.24	104.54	104.84	104.87	105.01	0.048862	1.91	1.22	5.10	1.20
Capanne	200	Max WS	IT_TR200_TP01H	3.86	104.54	104.93	104.99	105.20	0.052122	2.38	1.69	5.10	1.29
Capanne	200	Max WS	IT_TR200_TP04H	1.89	104.54	104.81	104.84	104.97	0.046700	1.77	1.11	5.10	1.16
Capanne	200	Max WS	IT_TR200_TP06H	1.46	104.54	104.78	104.80	104.91	0.045802	1.60	0.95	5.10	1.13
Capanne	200	Max WS	IT_TR030_TP01H	2.60	104.54	104.86	104.90	105.06	0.049667	2.03	1.34	5.10	1.22
Capanne	200	Max WS	IT_TR030_TP06H	0.97	104.54	104.74	104.75	104.83	0.044743	1.37	0.74	5.10	1.08
Capanne	200	Max WS	IT_TR030_TP04H	1.25	104.54	104.77	104.78	104.88	0.045455	1.51	0.87	5.10	1.11
Capanne	200	Max WS	IT_TR030_TP03H	1.49	104.54	104.79	104.80	104.91	0.045805	1.61	0.97	5.10	1.13
Capanne	200	Max WS	IT_TR030_TP02H	1.88	104.54	104.81	104.84	104.97	0.046793	1.77	1.11	5.10	1.16
Capanne	200	Max WS	IT_TR030_TP0.5H	3.10	104.54	104.89	104.93	105.12	0.050952	2.18	1.48	5.10	1.25
Capanne	200	Max WS	IT_TR200_TP0.5H	4.59	104.54	104.96	105.03	105.28	0.052969	2.55	1.87	5.10	1.31
Capanne	199.99				Lat Struct								
Capanne	199.98				Lat Struct								
Capanne	195.45°	Max WS	IT_TR200_TP02H	1.80	104.08	104.39	104.41	104.53	0.044257	1.73	1.08	4.90	1.14
Capanne	195.45°	Max WS	IT_TR200_TP03H	1.54	104.08	104.37	104.38	104.50	0.043712	1.63	0.99	4.90	1.12
Capanne	195.45°	Max WS	IT_TR200_TP01H	2.28	104.08	104.42	104.45	104.60	0.045306	1.91	1.25	4.90	1.17
Capanne	195.45°	Max WS	IT_TR200_TP04H	1.38	104.08	104.35	104.37	104.47	0.045996	1.59	0.90	4.90	1.13
Capanne	195.45°	Max WS	IT_TR200_TP06H	1.16	104.08	104.33	104.35	104.44	0.045162	1.49	0.82	4.90	1.11
Capanne	195.45°	Max WS	IT_TR030_TP01H	1.70	104.08	104.38	104.40	104.52	0.044209	1.70	1.05	4.90	1.13
Capanne	195.45°	Max WS	IT_TR030_TP06H	0.83	104.08	104.30	104.31	104.39	0.044390	1.31	0.66	4.90	1.07
Capanne	195.45°	Max WS	IT_TR030_TP04H	1.01	104.08	104.32	104.33	104.42	0.044861	1.41	0.75	4.90	1.09
Capanne	195.45°	Max WS	IT_TR030_TP03H	1.18	104.08	104.33	104.35	104.44	0.045180	1.50	0.82	4.90	1.11
Capanne	195.45°	Max WS	IT_TR030_TP02H	1.38	104.08	104.35	104.37	104.47	0.045918	1.59	0.90	4.90	1.13
Capanne	195.45°	Max WS	IT_TR030_TP0.5H	1.91	104.08	104.40	104.42	104.55	0.044664	1.78	1.12	4.90	1.15
Capanne	195.45°	Max WS	IT_TR200_TP0.5H	2.63	104.08	104.44	104.48	104.64	0.045931	2.02	1.36	4.90	1.19
Capanne	190.91°	Max WS	IT_TR200_TP02H	1.58	103.63	103.94	103.96	104.08	0.045814	1.70	0.97	4.71	1.15
Capanne	190.91°	Max WS	IT_TR200_TP03H	1.39	103.63	103.94	103.95	104.05	0.039020	1.54	0.94	4.71	1.06
Capanne	190.91°	Max WS	IT_TR200_TP01H	1.88	103.63	103.97	103.99	104.13	0.046449	1.82	1.08	4.71	1.17
Capanne	190.91°	Max WS	IT_TR200_TP04H	1.30	103.63	103.93	103.94	104.04	0.039702	1.51	0.90	4.71	1.06
Capanne	190.91°	Max WS	IT_TR200_TP06H	1.15	103.63	103.91	103.92	104.01	0.040542	1.45	0.82	4.71	1.06
Capanne	190.91°	Max WS	IT_TR030_TP01H	1.52	103.63	103.94	103.96	104.07	0.045583	1.67	0.95	4.71	1.15
Capanne	190.91°	Max WS	IT_TR030_TP06H	0.85	103.63	103.88	103.89	103.96	0.041435	1.31	0.68	4.71	1.05
Capanne	190.91°	Max WS	IT_TR030_TP04H	1.02	103.63	103.90	103.91	103.99	0.040737	1.40	0.76	4.71	1.05
Capanne	190.91°	Max WS	IT_TR030_TP03H	1.17	103.63	103.91	103.92	104.02	0.040390	1.46	0.83	4.71	1.06
Capanne	190.91°	Max WS	IT_TR030_TP02H	1.30	103.63	103.93	103.94	104.04	0.039650	1.51	0.90	4.71	1.06
Capanne	190.91°	Max WS	IT_TR030_TP0.5H	1.65	103.63	103.95	103.97	104.09	0.045913	1.73	1.00	4.71	1.16
Capanne	190.91°	Max WS	IT_TR200_TP0.5H	2.10	103.63	103.98	104.01	104.16	0.047014	1.90	1.15	4.71	1.19
Capanne	186.36°	Max WS	IT_TR200_TP02H	1.51	103.17	103.51	103.54	103.65	0.047254	1.72	0.92	4.51	1.17
Capanne	186.36°	Max WS	IT_TR200_TP03H	1.51	103.17	103.51	103.53	103.65	0.047131	1.72	0.92	4.51	1.17
Capanne	186.36°	Max WS	IT_TR200_TP01H	1.65	103.17	103.53	103.55	103.67	0.040506	1.69	1.02	4.51	1.10
Capanne	186.36°	Max WS	IT_TR200_TP04H	1.38	103.17	103.50	103.52	103.63	0.046927	1.66	0.87	4.51	1.16
Capanne	186.36°	Max WS	IT_TR200_TP06H	1.18	103.17	103.48	103.50	103.60	0.046762	1.57	0.79	4.51	1.15
Capanne	186.36°	Max WS	IT_TR030_TP01H	1.52	103.17	103.51	103.54	103.65	0.047318	1.72	0.92	4.51	1.17
Capanne	186.36°	Max WS	IT_TR030_TP06H	0.88	103.17	103.45	103.47	103.55	0.045539	1.39	0.66	4.51	1.10
Capanne	186.36°	Max WS	IT_TR030_TP04H	1.06	103.17	103.47	103.49	103.58	0.046306	1.50	0.74	4.51	1.13
Capanne	186.36°	Max WS	IT_TR030_TP03H	1.20	103.17	103.48	103.50	103.60	0.046835	1.58	0.80	4.51	1.15
Capanne	186.36°	Max WS	IT_TR030_TP02H	1.38	103.17	103.50	103.52	103.63	0.047073	1.66	0.87	4.51	1.16
Capanne	186.36°	Max WS	IT_TR030_TP0.5H	1.47	103.17	103.52	103.53	103.64	0.041276	1.63	0.94	4.51	1.10
Capanne	186.36°	Max WS	IT_TR200_TP0.5H	1.81	103.17	103.55	103.56	103.69	0.039545	1.74	1.09	4.51	1.09
Capanne	181.82°	Max WS	IT_TR200_TP02H	1.44	102.72	103.08	103.10	103.22	0.045091	1.69	0.89	4.31	1.15
Capanne	181.82°	Max WS	IT_TR200_TP03H	1.23	102.72	103.06	103.08	103.19	0.045448	1.60	0.80	4.31	1.14
Capanne	181.82°	Max WS	IT_TR200_TP01H	1.80	102.72	103.11	103.14	103.27	0.044220	1.83	1.03	4.31	1.16
Capanne	181.82°	Max WS	IT_TR200_TP04H	0.98	102.72	103.04	103.05	103.14	0.045810	1.48	0.69	4.30	1.13
Capanne	181.82°	Max WS	IT_TR200_TP06H	0.87	102.72	103.02	103.04	103.12	0.045327	1.43	0.64	4.19	1.11
Capanne	181.82°	Max WS	IT_TR030_TP01H	1.36	102.72	103.07	103.09	103.21	0.045461	1.66	0.85	4.31	1.15
Capanne	181.82°	Max WS	IT_TR030_TP06H	0.73	102.72	103.00	103.02	103.09	0.045755	1.37	0.56	4.02	1.10
Capanne	181.82°	Max WS	IT_TR030_TP04H	0.82	102.72	103.02	103.03	103.11	0.045255	1.41	0.61	4.13	1.11
Capanne	181.82°	Max WS	IT_TR030_TP03H	0.88	102.72	103.02	103.04	103.12	0.045529	1.44	0.64	4.19	1.11
Capanne	181.82°	Max WS	IT_TR030_TP02H	0.98	102.72	103.04	103.05	103.14	0.045980	1.48	0.69	4.30	1.13
Capanne	181.82°	Max WS	IT_TR030_TP0.5H	1.54	102.72	103.09	103.11	103.24	0.044824	1.73	0.93	4.31	1.15
Capanne	181.82°	Max WS	IT_TR200_TP0.5H	2.04	102.72	103.13	103.16	103.31	0.044020	1.91	1.11	4.31	1.17
Capanne	177.27°	Max WS	IT_TR200_TP02H	1.50	102.27	102.67	102.68	102.80	0.036865	1.64	0.95	4.11	1.06
Capanne	177.27°	Max WS	IT_TR200_TP03H	1.25	102.27	102.65	102.66	102.76	0.037550	1.55	0.84	4.10	1.05
Capanne	177.27°	Max WS	IT_TR200_TP01H	1.93	102.27	102.72	102.73	102.87	0.035929	1.79	1.13	4.11	1.06
Capanne	177.27°	Max WS	IT_TR200_TP04H	0.99	102.27	102.61	102.62	102.72	0.040777	1.50	0.69	3.86	1.08
Capanne	177.27°	Max WS	IT_TR200_TP06H	0.89	102.27	102.60	102.61	102.70	0.041499	1.47	0.63	3.76	1.08
Capanne	177.27°	Max WS	IT_TR030_TP01H	1.40	102.27	102.67	102.67	102.79	0.037145	1.61	0.91	4.11	1.06
Capanne	177.27°	Max WS	IT_TR030_TP06H	0.74	102.27	102.57	102.59	102.67	0.041591	1.40	0.55	3.62	1.07
Capanne	177.27°	Max WS	IT_TR030_TP04H	0.83	102.27	102.59	102.60	102.69	0.041974	1.45	0.60	3.70	1.08
Capanne	177.27°	Max WS	IT_TR030_TP03H	0.89	102.27	102.60	102.61	102.70	0.041505	1.47	0.64	3.76	1.08
Capanne	177.27°	Max WS	IT_TR030_TP02H	0.99	102.27	102.61	102.62	102.72	0.040713	1.50	0.69	3.86	1.08
Capanne	177.27°	Max WS	IT_TR030_TP0.5H	1.63	102.27	102.69	102.70	102.83	0.036744	1.69	1.00	4.11	1.06
Capanne	177.27°	Max WS	IT_TR200_TP0.5H	2.18	102.27	102.74	102.75	102.91	0.035150	1.86	1.23	4.11	1.06
Capanne	172.73°	Max WS	IT_TR200_TP02H	2.11	101.81	102.31	102.32	102.48	0.036959	1.90	1.16	3.92	1.09
Capanne	172.73°	Max WS	IT_TR200_TP03H	1.76	101.81	102.27	102.29	102.43	0.037708	1.79	1.03	3.92	1.09
Capanne	172.73°	Max WS	IT_TR200_TP01H	2.71	101.81	102.36	102.38	102.57	0.035135	2.05	1.38	3.92	1.08
Capanne	172.73°	Max WS	IT_TR200_TP04H	1.21	101.81	102.20	102.22	102.34	0.041965	1.67	0.76	3.60	1.11
Capanne	172.73°	Max WS	IT_TR200_TP06H	1.04	101.81	102.18	102.20	102.31	0.042562	1.62	0.68	3.49	1.11
Capanne	172.73°	Max WS	IT_TR030_TP01H	1.98	101.81	102.30	102.31	102.46	0.037213	1.86	1.11	3.92	1.09
Capanne	172.73°	Max WS	IT_TR030_TP06H	0.85	101.81	102.15	102.17	102.27	0.044153	1.56	0.57	3.33	1.11
Capanne	172.73°	Max WS	IT_TR030_TP04H	0.96	101.81	102.17	102.19	102.29	0.043048	1.59	0.63	3.42	1.11
Capanne	172.73°	Max WS	IT_TR030_TP03H	1.05	101.81	102.18	102.20	102.31	0.042558	1.62	0.68	3.49	1.11
Capanne	172.73°	Max WS	IT_TR030_TP02H	1.21	101.81	102.20	102.22	102.34	0.041880	1.67	0.76	3.6	

HEC-RAS River: Capanne Reach: Capanne 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
Capanne	168.18*	Max WS	IT_TR200_TP02H	2.56	101.36	101.91	101.95	102.14	0.043225	2.19	1.23	3.72	1.19
Capanne	168.18*	Max WS	IT_TR200_TP03H	2.10	101.36	101.87	101.90	102.07	0.043581	2.05	1.07	3.69	1.18
Capanne	168.18*	Max WS	IT_TR200_TP01H	3.35	101.36	101.97	102.02	102.25	0.043524	2.42	1.45	3.72	1.21
Capanne	168.18*	Max WS	IT_TR200_TP04H	1.30	101.36	101.78	101.81	101.94	0.044241	1.81	0.76	3.31	1.15
Capanne	168.18*	Max WS	IT_TR200_TP06H	1.11	101.36	101.75	101.78	101.90	0.044273	1.74	0.67	3.20	1.14
Capanne	168.18*	Max WS	IT_TR030_TP01H	2.39	101.36	101.89	101.93	102.11	0.043425	2.14	1.17	3.72	1.19
Capanne	168.18*	Max WS	IT_TR030_TP06H	0.86	101.36	101.71	101.74	101.84	0.044346	1.62	0.56	3.04	1.12
Capanne	168.18*	Max WS	IT_TR030_TP04H	1.00	101.36	101.74	101.76	101.88	0.044356	1.69	0.62	3.14	1.13
Capanne	168.18*	Max WS	IT_TR030_TP03H	1.12	101.36	101.75	101.78	101.90	0.044320	1.74	0.68	3.20	1.14
Capanne	168.18*	Max WS	IT_TR030_TP02H	1.30	101.36	101.78	101.81	101.93	0.044148	1.81	0.76	3.31	1.15
Capanne	168.18*	Max WS	IT_TR030_TP0.5H	2.78	101.36	101.93	101.97	102.17	0.043327	2.25	1.29	3.72	1.20
Capanne	168.18*	Max WS	IT_TR200_TP0.5H	3.83	101.36	102.01	102.06	102.31	0.043310	2.53	1.59	3.72	1.22
Capanne	163.64*	Max WS	IT_TR200_TP02H	2.50	100.90	101.48	101.52	101.72	0.043688	2.23	1.18	3.49	1.20
Capanne	163.64*	Max WS	IT_TR200_TP03H	2.08	100.90	101.44	101.48	101.65	0.043633	2.12	1.03	3.35	1.18
Capanne	163.64*	Max WS	IT_TR200_TP01H	3.26	100.90	101.55	101.60	101.83	0.042324	2.42	1.41	3.52	1.20
Capanne	163.64*	Max WS	IT_TR200_TP04H	1.30	100.90	101.34	101.37	101.51	0.043586	1.87	0.74	3.03	1.14
Capanne	163.64*	Max WS	IT_TR200_TP06H	1.11	100.90	101.32	101.34	101.47	0.043852	1.79	0.65	2.93	1.14
Capanne	163.64*	Max WS	IT_TR030_TP01H	2.35	100.90	101.46	101.51	101.70	0.043677	2.19	1.13	3.44	1.19
Capanne	163.64*	Max WS	IT_TR030_TP06H	0.86	100.90	101.28	101.30	101.41	0.044531	1.68	0.54	2.79	1.12
Capanne	163.64*	Max WS	IT_TR030_TP04H	1.01	100.90	101.30	101.33	101.45	0.043931	1.75	0.61	2.88	1.13
Capanne	163.64*	Max WS	IT_TR030_TP03H	1.12	100.90	101.32	101.35	101.48	0.043799	1.80	0.66	2.94	1.14
Capanne	163.64*	Max WS	IT_TR030_TP02H	1.30	100.90	101.34	101.37	101.51	0.043643	1.87	0.73	3.03	1.15
Capanne	163.64*	Max WS	IT_TR030_TP0.5H	2.71	100.90	101.50	101.54	101.75	0.043333	2.28	1.25	3.52	1.20
Capanne	163.64*	Max WS	IT_TR200_TP0.5H	3.74	100.90	101.59	101.64	101.89	0.042014	2.54	1.55	3.52	1.20
Capanne	159.09*	Max WS	IT_TR200_TP02H	2.31	100.45	101.02	101.08	101.29	0.049742	2.36	1.03	3.09	1.26
Capanne	159.09*	Max WS	IT_TR200_TP03H	1.96	100.45	100.98	101.04	101.22	0.048085	2.23	0.93	2.99	1.23
Capanne	159.09*	Max WS	IT_TR200_TP01H	2.97	100.45	101.07	101.15	101.40	0.053175	2.59	1.21	3.25	1.33
Capanne	159.09*	Max WS	IT_TR200_TP04H	1.33	100.45	100.91	100.95	101.10	0.043523	1.93	0.73	2.79	1.14
Capanne	159.09*	Max WS	IT_TR200_TP06H	1.12	100.45	100.88	100.91	101.05	0.044094	1.85	0.64	2.70	1.14
Capanne	159.09*	Max WS	IT_TR030_TP01H	2.18	100.45	101.01	101.06	101.26	0.049192	2.31	0.99	3.06	1.25
Capanne	159.09*	Max WS	IT_TR030_TP06H	0.86	100.45	100.84	100.87	100.99	0.044017	1.72	0.52	2.58	1.11
Capanne	159.09*	Max WS	IT_TR030_TP04H	1.01	100.45	100.86	100.90	101.03	0.044441	1.81	0.59	2.65	1.13
Capanne	159.09*	Max WS	IT_TR030_TP03H	1.14	100.45	100.88	100.92	101.05	0.044062	1.86	0.64	2.71	1.14
Capanne	159.09*	Max WS	IT_TR030_TP02H	1.33	100.45	100.91	100.95	101.10	0.043436	1.93	0.73	2.79	1.14
Capanne	159.09*	Max WS	IT_TR030_TP0.5H	2.49	100.45	101.03	101.10	101.32	0.050527	2.42	1.08	3.14	1.28
Capanne	159.09*	Max WS	IT_TR200_TP0.5H	3.39	100.45	101.10	101.19	101.46	0.055120	2.72	1.31	3.33	1.36
Capanne	154.55*	Max WS	IT_TR200_TP02H	1.75	99.99	100.53	100.58	100.77	0.047741	2.21	0.83	2.69	1.21
Capanne	154.55*	Max WS	IT_TR200_TP03H	1.59	99.99	100.51	100.56	100.73	0.045676	2.12	0.79	2.65	1.18
Capanne	154.55*	Max WS	IT_TR200_TP01H	1.93	99.99	100.54	100.60	100.81	0.050794	2.32	0.87	2.72	1.26
Capanne	154.55*	Max WS	IT_TR200_TP04H	1.37	99.99	100.49	100.52	100.68	0.042972	1.99	0.72	2.59	1.13
Capanne	154.55*	Max WS	IT_TR200_TP06H	1.14	99.99	100.45	100.48	100.63	0.043488	1.90	0.63	2.50	1.13
Capanne	154.55*	Max WS	IT_TR030_TP01H	1.70	99.99	100.52	100.57	100.76	0.047387	2.19	0.82	2.67	1.20
Capanne	154.55*	Max WS	IT_TR030_TP06H	0.86	99.99	100.40	100.43	100.56	0.045209	1.79	0.50	2.38	1.12
Capanne	154.55*	Max WS	IT_TR030_TP04H	1.01	99.99	100.43	100.46	100.60	0.043824	1.85	0.58	2.45	1.12
Capanne	154.55*	Max WS	IT_TR030_TP03H	1.16	99.99	100.45	100.49	100.63	0.043412	1.91	0.64	2.51	1.13
Capanne	154.55*	Max WS	IT_TR030_TP02H	1.37	99.99	100.49	100.52	100.68	0.043032	1.99	0.72	2.59	1.13
Capanne	154.55*	Max WS	IT_TR030_TP0.5H	1.82	99.99	100.54	100.59	100.78	0.048250	2.25	0.85	2.71	1.22
Capanne	154.55*	Max WS	IT_TR200_TP0.5H	2.02	99.99	100.55	100.62	100.83	0.052102	2.38	0.90	2.75	1.27
Capanne	150.00*	Max WS	IT_TR200_TP02H	1.50	99.53	100.08	100.11	100.29	0.042344	2.08	0.76	2.43	1.12
Capanne	150.00*	Max WS	IT_TR200_TP03H	1.50	99.53	100.07	100.11	100.29	0.044529	2.12	0.75	2.42	1.15
Capanne	150.00*	Max WS	IT_TR200_TP01H	1.48	99.53	100.11	100.11	100.28	0.032604	1.89	0.83	2.49	1.00
Capanne	150.00*	Max WS	IT_TR200_TP04H	1.39	99.53	100.06	100.10	100.27	0.044597	2.08	0.71	2.39	1.15
Capanne	150.00*	Max WS	IT_TR200_TP06H	1.15	99.53	100.02	100.05	100.21	0.044443	1.97	0.62	2.31	1.13
Capanne	150.00*	Max WS	IT_TR030_TP01H	1.48	99.53	100.07	100.11	100.28	0.042785	2.08	0.75	2.42	1.13
Capanne	150.00*	Max WS	IT_TR030_TP06H	0.86	99.53	99.97	100.00	100.13	0.042847	1.79	0.50	2.21	1.09
Capanne	150.00*	Max WS	IT_TR030_TP04H	1.02	99.53	99.99	100.03	100.17	0.044832	1.91	0.56	2.26	1.12
Capanne	150.00*	Max WS	IT_TR030_TP03H	1.18	99.53	100.02	100.06	100.21	0.044396	1.98	0.62	2.32	1.13
Capanne	150.00*	Max WS	IT_TR030_TP02H	1.39	99.53	100.06	100.10	100.27	0.044533	2.07	0.71	2.39	1.14
Capanne	150.00*	Max WS	IT_TR030_TP0.5H	1.53	99.53	100.09	100.12	100.29	0.041639	2.08	0.77	2.45	1.12
Capanne	150.00*	Max WS	IT_TR200_TP0.5H	1.49	99.53	100.11	100.11	100.28	0.030935	1.86	0.85	2.51	0.97
Capanne	145.45*	Max WS	IT_TR200_TP02H	1.64	99.08	99.70	99.71	99.90	0.035295	2.04	0.85	2.32	1.03
Capanne	145.45*	Max WS	IT_TR200_TP03H	1.49	99.08	99.66	99.68	99.86	0.038091	2.04	0.77	2.27	1.06
Capanne	145.45*	Max WS	IT_TR200_TP01H	1.68	99.08	99.85		99.95	0.013223	1.44	1.23	2.59	0.65
Capanne	145.45*	Max WS	IT_TR200_TP04H	1.39	99.08	99.64	99.66	99.84	0.040142	2.04	0.72	2.23	1.08
Capanne	145.45*	Max WS	IT_TR200_TP06H	1.17	99.08	99.59	99.62	99.78	0.041739	1.97	0.62	2.15	1.09
Capanne	145.45*	Max WS	IT_TR030_TP01H	1.59	99.08	99.68	99.70	99.89	0.036307	2.04	0.82	2.30	1.04
Capanne	145.45*	Max WS	IT_TR030_TP06H	0.90	99.08	99.54	99.57	99.71	0.044848	1.87	0.50	2.05	1.10
Capanne	145.45*	Max WS	IT_TR030_TP04H	1.02	99.08	99.56	99.59	99.74	0.042232	1.90	0.56	2.10	1.08
Capanne	145.45*	Max WS	IT_TR030_TP03H	1.19	99.08	99.60	99.63	99.79	0.041746	1.98	0.63	2.16	1.09
Capanne	145.45*	Max WS	IT_TR030_TP02H	1.39	99.08	99.64	99.66	99.84	0.040068	2.04	0.72	2.23	1.08
Capanne	145.45*	Max WS	IT_TR030_TP0.5H	1.71	99.08	99.71	99.72	99.91	0.033976	2.03	0.88	2.35	1.01
Capanne	145.45*	Max WS	IT_TR200_TP0.5H	1.88	99.08	99.86		99.98	0.015805	1.59	1.25	2.60	0.72
Capanne	140.91*	Max WS	IT_TR200_TP02H	2.10	98.63	99.35	99.35	99.58	0.034046	2.20	1.01	2.25	1.01
Capanne	140.91*	Max WS	IT_TR200_TP03H	1.80	98.63	99.29	99.31	99.52	0.036353	2.15	0.88	2.17	1.03
Capanne	140.91*	Max WS	IT_TR200_TP01H	2.48	98.63	99.53		99.69	0.017587	1.82	1.45	2.51	0.75
Capanne	140.91*	Max WS	IT_TR200_TP04H	1.60	98.63	99.25	99.27	99.47	0.038349	2.12	0.79	2.11	1.05
Capanne	140.91*	Max WS	IT_TR200_TP06H	1.29	98.63	99.19	99.21	99.39	0.040036	2.02	0.67	2.03	1.06
Capanne	140.91*	Max WS	IT_TR030_TP01H	1.99	98.63	99.33	99.34	99.56	0.034799	2.18	0.96	2.22	1.02
Capanne	140.91*	Max WS	IT_TR030_TP06H	0.90	98.63	99.11	99.13	99.28	0.042253	1.86	0.50	1.91	1.05
Capanne	140.91*	Max WS	IT_TR030_TP04H	1.11	98.63	99.16	99.18	99.34	0.040739	1.96	0.60	1.98	1.05
Capanne	140.91*	Max WS	IT_TR030_TP03H	1.31	98.63	99.20	99.22	99.40	0.039985	2.04	0.68	2.03	1.06
Capanne	140.91*	Max WS	IT_TR030_TP02H	1.60	98.63	99.25	99.27	99.47	0.038340	2.12	0.79	2.11	1.05
Capanne	140.91*	Max WS	IT_TR030_TP0.5H	2.25	98.63	99.38	99.38	99.62	0.033037	2.22	1.07	2.29	1.00
Capanne	140.91*	Max WS	IT_TR200_TP0.5H	2.63	98.63	99.61		99.75	0.013911	1.71	1.63	2.54	0.67
Capanne	139.												

HEC-RAS River: Capanne Reach: Capanne 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
Capanne	139.98			Lat Struct									
Capanne	136.36°	Max WS	IT_TR200_TP02H	2.59	98.17	98.98	99.01	99.29	0.039960	2.51	1.09	2.13	1.09
Capanne	136.36°	Max WS	IT_TR200_TP03H	2.14	98.17	98.91	98.94	99.19	0.041300	2.40	0.94	2.04	1.09
Capanne	136.36°	Max WS	IT_TR200_TP01H	3.51	98.17	99.12	99.14	99.46	0.036460	2.65	1.41	2.29	1.06
Capanne	136.36°	Max WS	IT_TR200_TP04H	1.82	98.17	98.85	98.88	99.11	0.042031	2.31	0.83	1.97	1.08
Capanne	136.36°	Max WS	IT_TR200_TP06H	1.43	98.17	98.78	98.81	99.01	0.042819	2.16	0.69	1.89	1.08
Capanne	136.36°	Max WS	IT_TR030_TP01H	2.42	98.17	98.95	98.98	99.25	0.040489	2.47	1.04	2.09	1.09
Capanne	136.36°	Max WS	IT_TR030_TP06H	0.95	98.17	98.68	98.71	98.87	0.043648	1.94	0.51	1.77	1.06
Capanne	136.36°	Max WS	IT_TR030_TP04H	1.22	98.17	98.74	98.77	98.95	0.043172	2.08	0.62	1.84	1.07
Capanne	136.36°	Max WS	IT_TR030_TP03H	1.45	98.17	98.79	98.81	99.02	0.042783	2.18	0.70	1.90	1.08
Capanne	136.36°	Max WS	IT_TR030_TP02H	1.81	98.17	98.85	98.88	99.11	0.041989	2.30	0.83	1.97	1.08
Capanne	136.36°	Max WS	IT_TR030_TP0.5H	2.81	98.17	99.01	99.04	99.33	0.039409	2.55	1.16	2.16	1.09
Capanne	136.36°	Max WS	IT_TR200_TP0.5H	3.41	98.17	99.18		99.45	0.026411	2.34	1.55	2.34	0.91
Capanne	131.82°	Max WS	IT_TR200_TP02H	2.68	97.72	98.60	98.61	98.91	0.038505	2.53	1.12	1.97	1.04
Capanne	131.82°	Max WS	IT_TR200_TP03H	2.18	97.72	98.51	98.52	98.79	0.040319	2.42	0.95	1.88	1.05
Capanne	131.82°	Max WS	IT_TR200_TP01H	3.61	97.72	98.81		99.10	0.028106	2.47	1.56	2.14	0.91
Capanne	131.82°	Max WS	IT_TR200_TP04H	1.85	97.72	98.44	98.46	98.71	0.041206	2.32	0.83	1.82	1.05
Capanne	131.82°	Max WS	IT_TR200_TP06H	1.44	97.72	98.36	98.38	98.60	0.042239	2.18	0.69	1.74	1.04
Capanne	131.82°	Max WS	IT_TR030_TP01H	2.50	97.72	98.56	98.58	98.86	0.039178	2.49	1.06	1.93	1.05
Capanne	131.82°	Max WS	IT_TR030_TP06H	0.96	97.72	98.25	98.27	98.45	0.043366	1.95	0.51	1.63	1.03
Capanne	131.82°	Max WS	IT_TR030_TP04H	1.24	97.72	98.32	98.34	98.54	0.042642	2.09	0.62	1.70	1.04
Capanne	131.82°	Max WS	IT_TR030_TP03H	1.47	97.72	98.37	98.39	98.61	0.042172	2.19	0.70	1.75	1.05
Capanne	131.82°	Max WS	IT_TR030_TP02H	1.84	97.72	98.44	98.46	98.71	0.041227	2.32	0.83	1.82	1.05
Capanne	131.82°	Max WS	IT_TR030_TP0.5H	2.92	97.72	98.64	98.64	98.96	0.037766	2.57	1.20	2.01	1.04
Capanne	131.82°	Max WS	IT_TR200_TP0.5H	3.79	97.72	98.91		99.16	0.021151	2.27	1.78	2.14	0.79
Capanne	127.27°	Max WS	IT_TR200_TP02H	2.81	97.26	98.21	98.21	98.54	0.039320	2.60	1.14	1.81	1.02
Capanne	127.27°	Max WS	IT_TR200_TP03H	2.24	97.26	98.11	98.12	98.40	0.040036	2.45	0.96	1.73	1.02
Capanne	127.27°	Max WS	IT_TR200_TP01H	3.83	97.26	98.40	98.38	98.76	0.034830	2.72	1.49	1.95	0.98
Capanne	127.27°	Max WS	IT_TR200_TP04H	1.89	97.26	98.04	98.05	98.31	0.041235	2.36	0.84	1.67	1.02
Capanne	127.27°	Max WS	IT_TR200_TP06H	1.46	97.26	97.95	97.96	98.19	0.042233	2.21	0.69	1.60	1.02
Capanne	127.27°	Max WS	IT_TR030_TP01H	2.59	97.26	98.17	98.18	98.49	0.039525	2.55	1.07	1.78	1.02
Capanne	127.27°	Max WS	IT_TR030_TP06H	0.97	97.26	97.83	97.84	98.02	0.043242	1.97	0.51	1.50	1.00
Capanne	127.27°	Max WS	IT_TR030_TP04H	1.25	97.26	97.90	97.91	98.12	0.042684	2.12	0.62	1.56	1.01
Capanne	127.27°	Max WS	IT_TR030_TP03H	1.49	97.26	97.95	97.97	98.20	0.042161	2.22	0.70	1.60	1.02
Capanne	127.27°	Max WS	IT_TR030_TP02H	1.88	97.26	98.04	98.05	98.31	0.041240	2.36	0.84	1.67	1.02
Capanne	127.27°	Max WS	IT_TR030_TP0.5H	3.07	97.26	98.26	98.26	98.60	0.038442	2.65	1.23	1.84	1.02
Capanne	127.27°	Max WS	IT_TR200_TP0.5H	4.22	97.26	98.49		98.84	0.030445	2.68	1.68	1.95	0.91
Capanne	122.73°	Max WS	IT_TR200_TP02H	2.81	96.81	97.83	97.81	98.16	0.039051	2.61	1.14	1.64	0.98
Capanne	122.73°	Max WS	IT_TR200_TP03H	2.24	96.81	97.73	97.70	98.01	0.037103	2.40	0.98	1.58	0.94
Capanne	122.73°	Max WS	IT_TR200_TP01H	3.77	96.81	98.00	97.97	98.38	0.037353	2.79	1.44	1.75	0.97
Capanne	122.73°	Max WS	IT_TR200_TP04H	1.89	96.81	97.64	97.63	97.91	0.040407	2.35	0.84	1.52	0.97
Capanne	122.73°	Max WS	IT_TR200_TP06H	1.46	96.81	97.54	97.53	97.78	0.041536	2.20	0.69	1.45	0.97
Capanne	122.73°	Max WS	IT_TR030_TP01H	2.59	96.81	97.80	97.76	98.10	0.037483	2.51	1.09	1.62	0.95
Capanne	122.73°	Max WS	IT_TR030_TP06H	0.96	96.81	97.40	97.40	97.60	0.042566	1.96	0.51	1.37	0.96
Capanne	122.73°	Max WS	IT_TR030_TP04H	1.25	96.81	97.48	97.48	97.70	0.042197	2.11	0.61	1.42	0.97
Capanne	122.73°	Max WS	IT_TR030_TP03H	1.49	96.81	97.54	97.54	97.79	0.041624	2.22	0.70	1.46	0.97
Capanne	122.73°	Max WS	IT_TR030_TP02H	1.88	96.81	97.64	97.62	97.91	0.040401	2.35	0.84	1.52	0.97
Capanne	122.73°	Max WS	IT_TR030_TP0.5H	3.08	96.81	97.87	97.85	98.22	0.038785	2.67	1.22	1.67	0.98
Capanne	122.73°	Max WS	IT_TR200_TP0.5H	4.32	96.81	98.10	98.05	98.50	0.035874	2.87	1.61	1.75	0.94
Capanne	118.18°	Max WS	IT_TR200_TP02H	2.81	96.35	97.38	97.40	97.78	0.049521	2.84	1.04	1.44	1.04
Capanne	118.18°	Max WS	IT_TR200_TP03H	2.24	96.35	97.30	97.29	97.62	0.042973	2.53	0.93	1.40	0.96
Capanne	118.18°	Max WS	IT_TR200_TP01H	3.84	96.35	97.50	97.59	98.05	0.061688	3.35	1.21	1.49	1.17
Capanne	118.18°	Max WS	IT_TR200_TP04H	1.89	96.35	97.24	97.21	97.51	0.040118	2.34	0.84	1.37	0.93
Capanne	118.18°	Max WS	IT_TR200_TP06H	1.46	96.35	97.14		97.37	0.038416	2.14	0.71	1.32	0.90
Capanne	118.18°	Max WS	IT_TR030_TP01H	2.59	96.35	97.36	97.36	97.72	0.046850	2.72	1.00	1.42	1.01
Capanne	118.18°	Max WS	IT_TR030_TP06H	0.96	96.35	97.00		97.18	0.039202	1.90	0.52	1.25	0.89
Capanne	118.18°	Max WS	IT_TR030_TP04H	1.25	96.35	97.08		97.29	0.038903	2.05	0.63	1.29	0.90
Capanne	118.18°	Max WS	IT_TR030_TP03H	1.49	96.35	97.15		97.38	0.038548	2.16	0.72	1.32	0.90
Capanne	118.18°	Max WS	IT_TR030_TP02H	1.88	96.35	97.24		97.51	0.040044	2.34	0.84	1.37	0.93
Capanne	118.18°	Max WS	IT_TR030_TP0.5H	3.08	96.35	97.42	97.45	97.85	0.052993	2.98	1.09	1.45	1.08
Capanne	118.18°	Max WS	IT_TR200_TP0.5H	4.50	96.35	97.57	97.69	98.21	0.067363	3.62	1.31	1.53	1.23
Capanne	113.64°	Max WS	IT_TR200_TP02H	2.11	95.90	96.75	96.84	97.21	0.078163	3.05	0.71	1.18	1.21
Capanne	113.64°	Max WS	IT_TR200_TP03H	1.92	95.90	96.73	96.80	97.15	0.072705	2.90	0.69	1.17	1.17
Capanne	113.64°	Max WS	IT_TR200_TP01H	2.31	95.90	96.78	96.89	97.29	0.083709	3.21	0.74	1.19	1.26
Capanne	113.64°	Max WS	IT_TR200_TP04H	1.74	95.90	96.70	96.75	97.08	0.068276	2.75	0.65	1.16	1.13
Capanne	113.64°	Max WS	IT_TR200_TP06H	1.44	95.90	96.64	96.67	96.96	0.061449	2.50	0.59	1.14	1.07
Capanne	113.64°	Max WS	IT_TR030_TP01H	2.05	95.90	96.74	96.83	97.19	0.073666	3.00	0.71	1.18	1.20
Capanne	113.64°	Max WS	IT_TR030_TP06H	0.97	95.90	96.54	96.54	96.76	0.050089	2.07	0.48	1.11	0.95
Capanne	113.64°	Max WS	IT_TR030_TP04H	1.25	95.90	96.61	96.62	96.88	0.056495	2.33	0.55	1.13	1.02
Capanne	113.64°	Max WS	IT_TR030_TP03H	1.46	95.90	96.65	96.68	96.97	0.061593	2.52	0.60	1.14	1.07
Capanne	113.64°	Max WS	IT_TR030_TP02H	1.74	95.90	96.70	96.75	97.08	0.068233	2.75	0.65	1.16	1.13
Capanne	113.64°	Max WS	IT_TR030_TP0.5H	2.17	95.90	96.76	96.85	97.24	0.079808	3.10	0.72	1.18	1.23
Capanne	113.64°	Max WS	IT_TR200_TP0.5H	2.40	95.90	96.79	96.91	97.33	0.086431	3.29	0.76	1.19	1.28
Capanne	109.09°	Max WS	IT_TR200_TP02H	0.79	95.44	96.05	96.03	96.25	0.053283	1.97	0.40	0.96	0.93
Capanne	109.09°	Max WS	IT_TR200_TP03H	0.79	95.44	96.05	96.03	96.25	0.053287	1.97	0.40	0.96	0.93
Capanne	109.09°	Max WS	IT_TR200_TP01H	0.79	95.44	96.05	96.03	96.25	0.053411	1.97	0.40	0.96	0.93
Capanne	109.09°	Max WS	IT_TR200_TP04H	0.79	95.44	96.05	96.03	96.25	0.053311	1.97	0.40	0.96	0.93
Capanne	109.09°	Max WS	IT_TR200_TP06H	0.78	95.44	96.05	96.03	96.25	0.051705	1.94	0.40	0.96	0.91
Capanne	109.09°	Max WS	IT_TR030_TP01H	0.79	95.44	96.05	96.03	96.25	0.053239	1.97	0.40	0.96	0.93
Capanne	109.09°	Max WS	IT_TR030_TP06H	0.76	95.44	96.05		96.23	0.049571	1.89	0.40	0.96	0.89
Capanne	109.09°	Max WS	IT_TR030_TP04H	0.75	95.44	96.05		96.23	0.049394	1.89	0.40	0.96	0.89
Capanne	109.09°	Max WS	IT_TR030_TP03H	0.79	95.44	96.05	96.03	96.25	0.053308	1.97	0.40	0.96	0.93
Capanne	109.09°	Max WS	IT_TR030_TP02H	0.79	95.44	96.05	96.03	96.25	0.053301	1.97	0.40	0.96	0.93
Capanne	109.09°	Max WS	IT_TR030_TP0.5H	0.79	95.44	96.05	96.03	96.25	0.053477	1.97	0.40	0.96	0.93
Capanne	109.09°	Max WS	IT_TR200_TP0.5H	0.79	95.44	96.05	96.03	96.25	0.053483	1.97	0.40	0.96	0.93
Capanne	104.55°	Max WS											

HEC-RAS River: Capanne Reach: Capanne 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
Capanne	104.55*	Max WS	IT_TR200_TP03H	0.69	94.99	95.65		95.79	0.039012	1.68	0.41	0.84	0.75
Capanne	104.55*	Max WS	IT_TR200_TP01H	0.69	94.99	95.65		95.79	0.039022	1.68	0.41	0.84	0.75
Capanne	104.55*	Max WS	IT_TR200_TP04H	0.69	94.99	95.65		95.79	0.038932	1.68	0.41	0.84	0.75
Capanne	104.55*	Max WS	IT_TR200_TP06H	0.69	94.99	95.64		95.79	0.039913	1.69	0.41	0.84	0.76
Capanne	104.55*	Max WS	IT_TR030_TP01H	0.69	94.99	95.65		95.79	0.039012	1.68	0.41	0.84	0.75
Capanne	104.55*	Max WS	IT_TR030_TP06H	0.70	94.99	95.65		95.79	0.040079	1.70	0.41	0.84	0.76
Capanne	104.55*	Max WS	IT_TR030_TP04H	0.69	94.99	95.65		95.79	0.039989	1.70	0.41	0.84	0.76
Capanne	104.55*	Max WS	IT_TR030_TP03H	0.69	94.99	95.65		95.79	0.039874	1.70	0.41	0.84	0.76
Capanne	104.55*	Max WS	IT_TR030_TP02H	0.69	94.99	95.65		95.79	0.039525	1.69	0.41	0.84	0.75
Capanne	104.55*	Max WS	IT_TR030_TP0.5H	0.70	94.99	95.65		95.79	0.039778	1.70	0.41	0.84	0.76
Capanne	104.55*	Max WS	IT_TR200_TP0.5H	0.69	94.99	95.65		95.79	0.039020	1.68	0.41	0.84	0.75
Capanne	100	Max WS	IT_TR200_TP02H	0.69	94.53	95.23		95.38	0.043821	1.69	0.41	0.72	0.72
Capanne	100	Max WS	IT_TR200_TP03H	0.69	94.53	95.23		95.38	0.043863	1.69	0.41	0.72	0.72
Capanne	100	Max WS	IT_TR200_TP01H	0.69	94.53	95.23		95.38	0.043842	1.69	0.41	0.72	0.72
Capanne	100	Max WS	IT_TR200_TP04H	0.69	94.53	95.24		95.38	0.043899	1.69	0.41	0.72	0.72
Capanne	100	Max WS	IT_TR200_TP06H	0.69	94.53	95.23		95.38	0.043616	1.69	0.41	0.72	0.72
Capanne	100	Max WS	IT_TR030_TP01H	0.69	94.53	95.23		95.38	0.043821	1.69	0.41	0.72	0.72
Capanne	100	Max WS	IT_TR030_TP06H	0.69	94.53	95.24		95.38	0.043930	1.69	0.41	0.72	0.72
Capanne	100	Max WS	IT_TR030_TP04H	0.69	94.53	95.23		95.38	0.043948	1.69	0.41	0.72	0.72
Capanne	100	Max WS	IT_TR030_TP03H	0.69	94.53	95.23		95.38	0.043937	1.69	0.41	0.72	0.72
Capanne	100	Max WS	IT_TR030_TP02H	0.69	94.53	95.24		95.38	0.043907	1.69	0.41	0.72	0.72
Capanne	100	Max WS	IT_TR030_TP0.5H	0.69	94.53	95.23		95.38	0.043738	1.69	0.41	0.72	0.72
Capanne	100	Max WS	IT_TR200_TP0.5H	0.67	94.53	95.24		95.37	0.041554	1.65	0.41	0.72	0.70
Capanne	91.250*	Max WS	IT_TR200_TP02H	0.54	94.18	95.08		95.11	0.007790	0.83	0.65	1.03	0.33
Capanne	91.250*	Max WS	IT_TR200_TP03H	0.57	94.18	95.06		95.10	0.009415	0.91	0.63	1.03	0.37
Capanne	91.250*	Max WS	IT_TR200_TP01H	0.47	94.18	95.12		95.14	0.004891	0.67	0.70	1.04	0.26
Capanne	91.250*	Max WS	IT_TR200_TP04H	0.60	94.18	95.04		95.09	0.011079	0.97	0.61	1.03	0.40
Capanne	91.250*	Max WS	IT_TR200_TP06H	0.64	94.18	95.01		95.07	0.014192	1.09	0.59	1.02	0.46
Capanne	91.250*	Max WS	IT_TR030_TP01H	0.55	94.18	95.07		95.11	0.008334	0.86	0.65	1.03	0.35
Capanne	91.250*	Max WS	IT_TR030_TP06H	0.69	94.18	94.98		95.06	0.019087	1.24	0.55	1.02	0.54
Capanne	91.250*	Max WS	IT_TR030_TP04H	0.67	94.18	95.00		95.07	0.016433	1.16	0.57	1.02	0.50
Capanne	91.250*	Max WS	IT_TR030_TP03H	0.64	94.18	95.02		95.08	0.014059	1.08	0.59	1.03	0.46
Capanne	91.250*	Max WS	IT_TR030_TP02H	0.60	94.18	95.04		95.09	0.011092	0.97	0.61	1.03	0.40
Capanne	91.250*	Max WS	IT_TR030_TP0.5H	0.53	94.18	95.09		95.12	0.007061	0.80	0.66	1.03	0.32
Capanne	91.250*	Max WS	IT_TR200_TP0.5H	0.42	94.18	95.14		95.16	0.003585	0.58	0.72	1.04	0.22
Capanne	82.500	Max WS	IT_TR200_TP02H	1.20	93.84	94.96		95.00	0.005505	0.88	1.47	2.70	0.32
Capanne	82.500	Max WS	IT_TR200_TP03H	1.12	93.84	94.95		94.98	0.005154	0.84	1.43	2.70	0.31
Capanne	82.500	Max WS	IT_TR200_TP01H	1.37	93.84	94.97		95.01	0.006792	0.98	1.50	2.70	0.35
Capanne	82.500	Max WS	IT_TR200_TP04H	1.05	93.84	94.93		94.96	0.004841	0.81	1.40	2.70	0.30
Capanne	82.500	Max WS	IT_TR200_TP06H	0.96	93.84	94.91		94.94	0.004482	0.77	1.35	2.70	0.29
Capanne	82.500	Max WS	IT_TR030_TP01H	1.17	93.84	94.96		94.99	0.005382	0.86	1.46	2.70	0.32
Capanne	82.500	Max WS	IT_TR030_TP06H	0.78	93.84	94.89		94.91	0.003350	0.65	1.29	2.70	0.25
Capanne	82.500	Max WS	IT_TR030_TP04H	0.90	93.84	94.90		94.93	0.004270	0.74	1.31	2.70	0.28
Capanne	82.500	Max WS	IT_TR030_TP03H	0.96	93.84	94.92		94.94	0.004521	0.77	1.35	2.70	0.29
Capanne	82.500	Max WS	IT_TR030_TP02H	1.05	93.84	94.93		94.96	0.004831	0.81	1.40	2.70	0.30
Capanne	82.500	Max WS	IT_TR030_TP0.5H	1.24	93.84	94.96		95.00	0.005761	0.90	1.48	2.70	0.33
Capanne	82.500	Max WS	IT_TR200_TP0.5H	1.46	93.84	94.98		95.03	0.007325	1.02	1.52	2.70	0.37
Capanne	80	Max WS	IT_TR200_TP02H	0.82	93.74	94.98	94.33	94.99	0.002676	0.59	1.51	2.97	0.22
Capanne	80	Max WS	IT_TR200_TP03H	0.75	93.74	94.96	94.30	94.98	0.002488	0.56	1.47	2.97	0.21
Capanne	80	Max WS	IT_TR200_TP01H	0.83	93.74	94.98	94.33	95.00	0.002714	0.59	1.52	2.97	0.22
Capanne	80	Max WS	IT_TR200_TP04H	0.70	93.74	94.95	94.27	94.96	0.002331	0.53	1.43	2.97	0.21
Capanne	80	Max WS	IT_TR200_TP06H	0.63	93.74	94.93	94.24	94.94	0.002120	0.50	1.37	2.97	0.20
Capanne	80	Max WS	IT_TR030_TP01H	0.80	93.74	94.97	94.32	94.99	0.002613	0.58	1.50	2.97	0.22
Capanne	80	Max WS	IT_TR030_TP06H	0.54	93.74	94.90	94.20	94.91	0.001870	0.46	1.29	2.97	0.19
Capanne	80	Max WS	IT_TR030_TP04H	0.59	93.74	94.92	94.22	94.93	0.001998	0.48	1.33	2.97	0.19
Capanne	80	Max WS	IT_TR030_TP03H	0.63	93.74	94.93	94.24	94.94	0.002135	0.50	1.37	2.97	0.20
Capanne	80	Max WS	IT_TR030_TP02H	0.70	93.74	94.95	94.27	94.96	0.002330	0.53	1.43	2.97	0.21
Capanne	80	Max WS	IT_TR030_TP0.5H	0.83	93.74	94.98	94.33	95.00	0.002713	0.59	1.52	2.97	0.22
Capanne	80	Max WS	IT_TR200_TP0.5H	1.18	93.74	94.99	94.48	95.02	0.005289	0.83	1.54	2.97	0.31
Capanne	79			Bridge									
Capanne	78	Max WS	IT_TR200_TP02H	0.82	92.95	93.79		93.90	0.013737	1.51	0.54	0.99	0.55
Capanne	78	Max WS	IT_TR200_TP03H	0.75	92.95	93.75		93.86	0.013680	1.46	0.52	0.97	0.54
Capanne	78	Max WS	IT_TR200_TP01H	1.07	92.95	93.91		94.06	0.014380	1.70	0.63	1.07	0.57
Capanne	78	Max WS	IT_TR200_TP04H	0.70	92.95	93.72		93.82	0.013608	1.41	0.50	0.95	0.54
Capanne	78	Max WS	IT_TR200_TP06H	0.63	92.95	93.67		93.77	0.013687	1.35	0.46	0.92	0.53
Capanne	78	Max WS	IT_TR030_TP01H	0.80	92.95	93.77		93.89	0.013720	1.49	0.53	0.98	0.54
Capanne	78	Max WS	IT_TR030_TP06H	0.54	92.95	93.62		93.70	0.013783	1.28	0.42	0.89	0.53
Capanne	78	Max WS	IT_TR030_TP04H	0.59	92.95	93.65		93.73	0.013658	1.32	0.45	0.90	0.53
Capanne	78	Max WS	IT_TR030_TP03H	0.63	92.95	93.68		93.77	0.013663	1.36	0.47	0.92	0.53
Capanne	78	Max WS	IT_TR030_TP02H	0.70	92.95	93.72		93.82	0.013635	1.41	0.50	0.95	0.54
Capanne	78	Max WS	IT_TR030_TP0.5H	0.87	92.95	93.81		93.93	0.013822	1.54	0.56	1.01	0.55
Capanne	78	Max WS	IT_TR200_TP0.5H	1.18	92.95	93.96		94.12	0.014714	1.78	0.66	1.10	0.58
Capanne	77.99			Lat Struct									
Capanne	77.98			Lat Struct									
Capanne	77.467	Max WS	IT_TR200_TP02H	0.82	92.86	93.74		93.83	0.018242	1.28	0.64	1.01	0.51
Capanne	77.467	Max WS	IT_TR200_TP03H	0.75	92.86	93.71		93.79	0.018180	1.26	0.60	0.98	0.51
Capanne	77.467	Max WS	IT_TR200_TP01H	1.07	92.86	93.88		93.98	0.018746	1.37	0.78	1.09	0.52
Capanne	77.467	Max WS	IT_TR200_TP04H	0.70	92.86	93.67		93.75	0.017885	1.23	0.57	0.96	0.51
Capanne	77.467	Max WS	IT_TR200_TP06H	0.63	92.86	93.62		93.70	0.018052	1.20	0.52	0.93	0.51
Capanne	77.467	Max WS	IT_TR030_TP01H	0.80	92.86	93.73		93.81	0.018223	1.27	0.63	1.00	0.51
Capanne	77.467	Max WS	IT_TR030_TP06H	0.54	92.86	93.56		93.63	0.017754	1.16	0.47	0.89	0.51
Capanne	77.467	Max WS	IT_TR030_TP04H	0.59	92.86	93.60		93.67	0.017896	1.18	0.50	0.91	0.51
Capanne	77.467	Max WS	IT_TR030_TP03H	0.63	92.86	93.63		93.70	0.017913	1.20	0.53	0.93	0.51
Capanne	77.467	Max WS	IT_TR030_TP02H	0.70	92.86	93.67		93.75	0.017990	1.23	0.57	0.96	0.51
Capanne	77.467	Max WS	IT_TR030_TP0.5H	0.87	92.86	93.77		93.86	0.018296	1.30	0.67	1.02	0.51

HEC-RAS River: Capanne Reach: Capanne 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
Capanne	77.467	Max WS	IT_TR200_TP0.5H	1.18	92.86	93.93		94.03	0.018936	1.41	0.84	1.13	0.52
Capanne	76.223*	Max WS	IT_TR200_TP02H	0.82	92.66	93.57		93.66	0.019357	1.30	0.63	1.01	0.52
Capanne	76.223*	Max WS	IT_TR200_TP03H	0.75	92.66	93.53		93.61	0.019245	1.27	0.59	0.98	0.52
Capanne	76.223*	Max WS	IT_TR200_TP01H	1.07	92.66	93.69		93.80	0.020447	1.41	0.76	1.09	0.54
Capanne	76.223*	Max WS	IT_TR200_TP04H	0.70	92.66	93.50		93.58	0.018676	1.24	0.56	0.96	0.52
Capanne	76.223*	Max WS	IT_TR200_TP06H	0.63	92.66	93.45		93.53	0.019024	1.22	0.52	0.93	0.52
Capanne	76.223*	Max WS	IT_TR030_TP01H	0.80	92.66	93.56		93.64	0.019331	1.29	0.62	1.00	0.52
Capanne	76.223*	Max WS	IT_TR030_TP06H	0.54	92.66	93.39		93.46	0.018644	1.17	0.46	0.89	0.52
Capanne	76.223*	Max WS	IT_TR030_TP04H	0.58	92.66	93.43		93.50	0.018574	1.19	0.49	0.91	0.52
Capanne	76.223*	Max WS	IT_TR030_TP03H	0.63	92.66	93.46		93.53	0.018783	1.21	0.52	0.93	0.52
Capanne	76.223*	Max WS	IT_TR030_TP02H	0.70	92.66	93.50		93.58	0.018909	1.24	0.56	0.96	0.52
Capanne	76.223*	Max WS	IT_TR030_TP0.5H	0.87	92.66	93.60		93.69	0.019439	1.32	0.66	1.02	0.53
Capanne	76.223*	Max WS	IT_TR200_TP0.5H	1.18	92.66	93.74		93.85	0.020783	1.45	0.81	1.12	0.54
Capanne	74.978*	Max WS	IT_TR200_TP02H	0.82	92.45	93.38		93.47	0.020897	1.33	0.61	1.01	0.55
Capanne	74.978*	Max WS	IT_TR200_TP03H	0.75	92.45	93.34		93.43	0.020849	1.31	0.58	0.99	0.55
Capanne	74.978*	Max WS	IT_TR200_TP01H	1.07	92.45	93.47		93.58	0.025339	1.53	0.70	1.06	0.60
Capanne	74.978*	Max WS	IT_TR200_TP04H	0.69	92.45	93.31		93.39	0.020263	1.27	0.55	0.96	0.54
Capanne	74.978*	Max WS	IT_TR200_TP06H	0.63	92.45	93.27		93.35	0.020588	1.25	0.50	0.93	0.54
Capanne	74.978*	Max WS	IT_TR030_TP01H	0.80	92.45	93.37		93.46	0.020883	1.32	0.60	1.00	0.55
Capanne	74.978*	Max WS	IT_TR030_TP06H	0.54	92.45	93.21		93.29	0.019791	1.19	0.45	0.89	0.53
Capanne	74.978*	Max WS	IT_TR030_TP04H	0.58	92.45	93.24		93.32	0.019958	1.21	0.48	0.91	0.53
Capanne	74.978*	Max WS	IT_TR030_TP03H	0.63	92.45	93.27		93.35	0.020069	1.24	0.51	0.93	0.54
Capanne	74.978*	Max WS	IT_TR030_TP02H	0.70	92.45	93.31		93.39	0.020448	1.27	0.55	0.96	0.54
Capanne	74.978*	Max WS	IT_TR030_TP0.5H	0.87	92.45	93.41		93.50	0.020924	1.35	0.64	1.03	0.55
Capanne	74.978*	Max WS	IT_TR200_TP0.5H	1.18	92.45	93.50		93.63	0.027223	1.61	0.74	1.08	0.62
Capanne	73.734*	Max WS	IT_TR200_TP02H	0.82	92.25	93.12		93.24	0.029443	1.52	0.54	0.95	0.65
Capanne	73.734*	Max WS	IT_TR200_TP03H	0.75	92.25	93.10		93.21	0.027757	1.46	0.52	0.94	0.63
Capanne	73.734*	Max WS	IT_TR200_TP01H	1.06	92.25	93.18	93.05	93.34	0.035898	1.75	0.64	2.25	0.71
Capanne	73.734*	Max WS	IT_TR200_TP04H	0.68	92.25	93.08		93.18	0.024557	1.36	0.50	0.93	0.59
Capanne	73.734*	Max WS	IT_TR200_TP06H	0.63	92.25	93.05		93.14	0.024675	1.34	0.47	0.91	0.59
Capanne	73.734*	Max WS	IT_TR030_TP01H	0.80	92.25	93.11		93.23	0.028851	1.50	0.53	0.95	0.64
Capanne	73.734*	Max WS	IT_TR030_TP06H	0.54	92.25	93.01		93.09	0.021738	1.23	0.44	0.89	0.56
Capanne	73.734*	Max WS	IT_TR030_TP04H	0.58	92.25	93.03		93.11	0.022728	1.27	0.46	0.90	0.57
Capanne	73.734*	Max WS	IT_TR030_TP03H	0.63	92.25	93.05		93.14	0.023738	1.32	0.47	0.91	0.58
Capanne	73.734*	Max WS	IT_TR030_TP02H	0.70	92.25	93.08		93.18	0.025773	1.39	0.50	0.93	0.61
Capanne	73.734*	Max WS	IT_TR030_TP0.5H	0.87	92.25	93.14		93.26	0.030774	1.57	0.55	0.96	0.66
Capanne	73.734*	Max WS	IT_TR200_TP0.5H	1.15	92.25	93.20	93.08	93.36	0.037521	1.82	0.67	2.36	0.73
Capanne	72.489*	Max WS	IT_TR200_TP02H	0.77	92.04	92.80	92.82	92.94	0.039385	1.70	0.50	2.17	0.76
Capanne	72.489*	Max WS	IT_TR200_TP03H	0.73	92.04	92.79	92.71	92.93	0.038409	1.65	0.48	2.12	0.75
Capanne	72.489*	Max WS	IT_TR200_TP01H	0.87	92.04	92.82	92.84	92.97	0.042512	1.80	0.54	2.25	0.79
Capanne	72.489*	Max WS	IT_TR200_TP04H	0.67	92.04	92.79	92.68	92.91	0.034641	1.56	0.47	2.10	0.71
Capanne	72.489*	Max WS	IT_TR200_TP06H	0.62	92.04	92.77	92.67	92.89	0.035864	1.55	0.43	1.97	0.72
Capanne	72.489*	Max WS	IT_TR030_TP01H	0.76	92.04	92.80	92.81	92.94	0.039044	1.68	0.50	2.16	0.76
Capanne	72.489*	Max WS	IT_TR030_TP06H	0.54	92.04	92.75	92.62	92.85	0.030311	1.40	0.39	1.85	0.66
Capanne	72.489*	Max WS	IT_TR030_TP04H	0.58	92.04	92.76	92.64	92.87	0.032163	1.46	0.41	1.92	0.68
Capanne	72.489*	Max WS	IT_TR030_TP03H	0.62	92.04	92.77	92.66	92.89	0.033118	1.50	0.44	2.01	0.69
Capanne	72.489*	Max WS	IT_TR030_TP02H	0.67	92.04	92.79	92.68	92.91	0.034553	1.56	0.47	2.10	0.71
Capanne	72.489*	Max WS	IT_TR030_TP0.5H	0.80	92.04	92.81	92.82	92.95	0.040144	1.73	0.52	2.20	0.77
Capanne	72.489*	Max WS	IT_TR200_TP0.5H	0.90	92.04	92.83	92.85	92.98	0.043244	1.83	0.55	2.27	0.80
Capanne	71.245	Max WS	IT_TR200_TP02H	0.53	91.84	92.41	92.43	92.53	0.045467	1.65	0.37	1.98	0.84
Capanne	71.245	Max WS	IT_TR200_TP03H	0.51	91.84	92.40	92.43	92.53	0.045660	1.64	0.36	1.96	0.84
Capanne	71.245	Max WS	IT_TR200_TP01H	0.54	91.84	92.41	92.43	92.54	0.045434	1.66	0.38	1.99	0.84
Capanne	71.245	Max WS	IT_TR200_TP04H	0.49	91.84	92.40	92.42	92.52	0.042230	1.57	0.36	1.95	0.80
Capanne	71.245	Max WS	IT_TR200_TP06H	0.48	91.84	92.40	92.42	92.51	0.044706	1.60	0.34	1.92	0.82
Capanne	71.245	Max WS	IT_TR030_TP01H	0.52	91.84	92.41	92.43	92.53	0.045574	1.64	0.37	1.97	0.84
Capanne	71.245	Max WS	IT_TR030_TP06H	0.45	91.84	92.39	92.40	92.50	0.042448	1.54	0.33	1.91	0.80
Capanne	71.245	Max WS	IT_TR030_TP04H	0.45	91.84	92.39	92.40	92.50	0.040771	1.52	0.34	1.92	0.79
Capanne	71.245	Max WS	IT_TR030_TP03H	0.47	91.84	92.40	92.42	92.51	0.042291	1.56	0.35	1.93	0.80
Capanne	71.245	Max WS	IT_TR030_TP02H	0.49	91.84	92.40	92.42	92.52	0.042323	1.57	0.36	1.95	0.80
Capanne	71.245	Max WS	IT_TR030_TP0.5H	0.54	91.84	92.41	92.44	92.54	0.045307	1.65	0.37	1.98	0.83
Capanne	71.245	Max WS	IT_TR200_TP0.5H	0.51	91.84	92.41	92.43	92.52	0.038780	1.53	0.38	2.00	0.77
Capanne	70.415*	Max WS	IT_TR200_TP02H	0.29	91.70	92.15		92.21	0.024096	1.12	0.31	1.86	0.62
Capanne	70.415*	Max WS	IT_TR200_TP03H	0.23	91.70	92.17		92.20	0.011101	0.79	0.35	1.93	0.43
Capanne	70.415*	Max WS	IT_TR200_TP01H	0.36	91.70	92.16	92.16	92.23	0.034558	1.35	0.32	1.88	0.74
Capanne	70.415*	Max WS	IT_TR200_TP04H	0.23	91.70	92.16		92.19	0.012373	0.82	0.33	1.90	0.45
Capanne	70.415*	Max WS	IT_TR200_TP06H	0.28	91.70	92.14		92.20	0.024595	1.11	0.29	1.83	0.62
Capanne	70.415*	Max WS	IT_TR030_TP01H	0.30	91.70	92.15		92.21	0.023786	1.12	0.31	1.87	0.62
Capanne	70.415*	Max WS	IT_TR030_TP06H	0.28	91.70	92.14		92.19	0.026115	1.14	0.29	1.82	0.64
Capanne	70.415*	Max WS	IT_TR030_TP04H	0.28	91.70	92.14		92.20	0.027030	1.16	0.29	1.82	0.65
Capanne	70.415*	Max WS	IT_TR030_TP03H	0.29	91.70	92.15		92.20	0.026864	1.17	0.30	1.84	0.65
Capanne	70.415*	Max WS	IT_TR030_TP02H	0.30	91.70	92.15		92.21	0.026608	1.17	0.31	1.85	0.65
Capanne	70.415*	Max WS	IT_TR030_TP0.5H	0.30	91.70	92.16		92.21	0.023128	1.11	0.32	1.88	0.61
Capanne	70.415*	Max WS	IT_TR200_TP0.5H	0.38	91.70	92.17		92.24	0.030786	1.31	0.34	1.91	0.71
Capanne	70	Max WS	IT_TR200_TP02H	0.13	91.63	92.13		92.14	0.001407	0.30	0.48	2.16	0.16
Capanne	70	Max WS	IT_TR200_TP03H	0.20	91.63	92.16		92.17	0.002567	0.43	0.54	2.25	0.21
Capanne	70	Max WS	IT_TR200_TP01H	0.23	91.63	92.15		92.16	0.003877	0.52	0.51	2.20	0.26
Capanne	70	Max WS	IT_TR200_TP04H	0.19	91.63	92.16		92.16	0.002403	0.41	0.53	2.23	0.21
Capanne	70	Max WS	IT_TR200_TP06H	0.15	91.63	92.13		92.14	0.002065	0.37	0.48	2.16	0.19
Capanne	70	Max WS	IT_TR030_TP01H	0.19	91.63	92.13		92.14	0.003189	0.46	0.47	2.14	0.24
Capanne	70	Max WS	IT_TR030_TP06H	0.12	91.63	92.11		92.11	0.001809	0.33	0.43	2.07	0.18
Capanne	70	Max WS	IT_TR030_TP04H	0.12	91.63	92.11		92.11	0.001841	0.33	0.42	2.07	0.18
Capanne	70	Max WS	IT_TR030_TP03H	0.17	91.63	92.11		92.12	0.003407	0.46	0.44	2.09	0.24
Capanne	70	Max WS	IT_TR030_TP02H	0.18	91.63	92.12		92.13	0.003393	0.46	0.45	2.10	0.24
Capanne	70	Max WS	IT_TR030_TP0.5H	0.19	91.63	92.13		92.14	0.003376	0.47	0.48	2.15	0.24
Capanne	70	Max WS	IT_TR200_TP0.5H	0.25	91.63	92.16		92.17	0.003765	0.52	0.55	2.25	0.26
Capanne	65			Culvert									

HEC-RAS River: Capanne Reach: Capanne 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
Capanne	60	Max WS	IT_TR200_TP02H	0.13	91.54	92.12		92.13	0.006418	0.37	0.36	4.37	0.37
Capanne	60	Max WS	IT_TR200_TP03H	0.20	91.54	92.14		92.15	0.009477	0.50	0.44	4.44	0.46
Capanne	60	Max WS	IT_TR200_TP01H	0.23	91.54	92.09		92.13	0.005742	0.91	0.25	4.08	0.42
Capanne	60	Max WS	IT_TR200_TP04H	0.19	91.54	92.13		92.15	0.010278	0.50	0.40	4.41	0.47
Capanne	60	Max WS	IT_TR200_TP06H	0.15	91.54	92.10		92.12	0.002355	0.60	0.26	4.26	0.27
Capanne	60	Max WS	IT_TR030_TP01H	0.20	91.54	92.05		92.08	0.005726	0.86	0.23	3.51	0.41
Capanne	60	Max WS	IT_TR030_TP06H	0.21	91.54	91.96		92.03	0.013447	1.15	0.19	2.30	0.61
Capanne	60	Max WS	IT_TR030_TP04H	0.21	91.54	91.98		92.04	0.011467	1.09	0.20	2.53	0.57
Capanne	60	Max WS	IT_TR030_TP03H	0.22	91.54	91.99		92.06	0.010937	1.09	0.20	2.76	0.56
Capanne	60	Max WS	IT_TR200_TP02H	0.26	91.54	92.01		92.09	0.013815	1.25	0.21	2.92	0.63
Capanne	60	Max WS	IT_TR030_TP0.5H	0.22	91.54	92.06		92.10	0.006038	0.90	0.24	3.73	0.43
Capanne	60	Max WS	IT_TR200_TP0.5H	0.25	91.54	92.10		92.14	0.006133	0.96	0.26	4.25	0.43
Capanne	59.99			Lat Struct									
Capanne	59.98			Lat Struct									
Capanne	57.500	Max WS	IT_TR200_TP02H	0.33	91.50	92.10		92.10	0.001323	0.34	1.04	4.13	0.20
Capanne	57.500	Max WS	IT_TR200_TP03H	0.40	91.50	92.11		92.12	0.001734	0.40	1.09	4.18	0.23
Capanne	57.500	Max WS	IT_TR200_TP01H	0.27	91.50	92.08		92.09	0.001029	0.30	0.98	4.07	0.17
Capanne	57.500	Max WS	IT_TR200_TP04H	0.35	91.50	92.10		92.11	0.001383	0.35	1.06	4.15	0.20
Capanne	57.500	Max WS	IT_TR200_TP06H	0.28	91.50	92.09		92.09	0.001074	0.30	1.00	4.09	0.18
Capanne	57.500	Max WS	IT_TR030_TP01H	0.24	91.50	92.04		92.05	0.001302	0.31	0.81	3.89	0.19
Capanne	57.500	Max WS	IT_TR030_TP06H	0.23	91.50	91.92		91.93	0.005056	0.53	0.44	2.13	0.36
Capanne	57.500	Max WS	IT_TR030_TP04H	0.25	91.50	91.93		91.95	0.004934	0.53	0.47	2.33	0.36
Capanne	57.500	Max WS	IT_TR030_TP03H	0.27	91.50	91.95		91.97	0.004456	0.52	0.52	2.62	0.34
Capanne	57.500	Max WS	IT_TR030_TP02H	0.30	91.50	91.96		91.98	0.005001	0.56	0.54	2.74	0.37
Capanne	57.500	Max WS	IT_TR030_TP0.5H	0.26	91.50	92.06		92.06	0.001290	0.32	0.87	3.95	0.19
Capanne	57.500	Max WS	IT_TR200_TP0.5H	0.28	91.50	92.10		92.10	0.001015	0.30	1.02	4.12	0.17
Capanne	52.083*	Max WS	IT_TR200_TP02H	0.60	91.42	92.03		92.05	0.004711	0.66	0.98	3.55	0.37
Capanne	52.083*	Max WS	IT_TR200_TP03H	0.71	91.42	92.04		92.07	0.006273	0.77	1.00	3.57	0.43
Capanne	52.083*	Max WS	IT_TR200_TP01H	0.58	91.42	92.03		92.05	0.004647	0.65	0.96	3.53	0.37
Capanne	52.083*	Max WS	IT_TR200_TP04H	0.67	91.42	92.04		92.06	0.005870	0.74	0.98	3.55	0.41
Capanne	52.083*	Max WS	IT_TR200_TP06H	0.62	91.42	92.03		92.05	0.005332	0.70	0.95	3.52	0.39
Capanne	52.083*	Max WS	IT_TR030_TP01H	0.48	91.42	91.99		92.01	0.004938	0.64	0.81	3.37	0.37
Capanne	52.083*	Max WS	IT_TR030_TP06H	0.25	91.42	91.87		91.88	0.005583	0.59	0.44	2.39	0.38
Capanne	52.083*	Max WS	IT_TR030_TP04H	0.28	91.42	91.88		91.90	0.006142	0.62	0.47	2.57	0.40
Capanne	52.083*	Max WS	IT_TR030_TP03H	0.33	91.42	91.89		91.91	0.007036	0.68	0.51	2.80	0.43
Capanne	52.083*	Max WS	IT_TR030_TP02H	0.34	91.42	91.90		91.92	0.007064	0.68	0.52	2.89	0.43
Capanne	52.083*	Max WS	IT_TR030_TP0.5H	0.52	91.42	92.00		92.02	0.004908	0.65	0.86	3.43	0.37
Capanne	52.083*	Max WS	IT_TR200_TP0.5H	0.61	91.42	92.04		92.06	0.004644	0.66	1.00	3.57	0.37
Capanne	46.667*	Max WS	IT_TR200_TP02H	0.69	91.34	91.87		91.94	0.021194	1.27	0.60	2.61	0.74
Capanne	46.667*	Max WS	IT_TR200_TP03H	0.74	91.34	91.90		91.96	0.017272	1.19	0.68	2.71	0.68
Capanne	46.667*	Max WS	IT_TR200_TP01H	0.63	91.34	91.83		91.92	0.026304	1.36	0.51	2.50	0.82
Capanne	46.667*	Max WS	IT_TR200_TP04H	0.73	91.34	91.90		91.96	0.016819	1.17	0.68	2.71	0.67
Capanne	46.667*	Max WS	IT_TR200_TP06H	0.68	91.34	91.87		91.94	0.020337	1.24	0.60	2.61	0.73
Capanne	46.667*	Max WS	IT_TR030_TP01H	0.53	91.34	91.82		91.89	0.022160	1.23	0.47	2.46	0.74
Capanne	46.667*	Max WS	IT_TR030_TP06H	0.29	91.34	91.78		91.82	0.010028	0.79	0.39	2.36	0.49
Capanne	46.667*	Max WS	IT_TR030_TP04H	0.33	91.34	91.80		91.83	0.011230	0.85	0.42	2.39	0.52
Capanne	46.667*	Max WS	IT_TR030_TP03H	0.34	91.34	91.80		91.83	0.011822	0.87	0.42	2.39	0.54
Capanne	46.667*	Max WS	IT_TR030_TP02H	0.36	91.34	91.80		91.84	0.012262	0.90	0.43	2.41	0.55
Capanne	46.667*	Max WS	IT_TR030_TP0.5H	0.56	91.34	91.82		91.90	0.023674	1.28	0.48	2.48	0.77
Capanne	46.667*	Max WS	IT_TR200_TP0.5H	0.66	91.34	91.84		91.93	0.026904	1.39	0.52	2.53	0.83
Capanne	41.250	Max WS	IT_TR200_TP02H	0.33	91.26	91.86		91.87	0.003764	0.56	0.64	2.15	0.30
Capanne	41.250	Max WS	IT_TR200_TP03H	0.36	91.26	91.89		91.91	0.003271	0.54	0.72	2.23	0.28
Capanne	41.250	Max WS	IT_TR200_TP01H	0.36	91.26	91.78		91.81	0.009658	0.83	0.48	1.98	0.46
Capanne	41.250	Max WS	IT_TR200_TP04H	0.36	91.26	91.89		91.91	0.003228	0.53	0.72	2.23	0.28
Capanne	41.250	Max WS	IT_TR200_TP06H	0.33	91.26	91.85		91.87	0.003796	0.56	0.64	2.14	0.30
Capanne	41.250	Max WS	IT_TR030_TP01H	0.33	91.26	91.76		91.79	0.010538	0.85	0.43	1.93	0.48
Capanne	41.250	Max WS	IT_TR030_TP06H	0.26	91.26	91.72		91.75	0.009915	0.79	0.36	1.85	0.46
Capanne	41.250	Max WS	IT_TR030_TP04H	0.26	91.26	91.72		91.75	0.009580	0.78	0.38	1.86	0.45
Capanne	41.250	Max WS	IT_TR030_TP03H	0.28	91.26	91.73		91.76	0.009684	0.79	0.39	1.88	0.45
Capanne	41.250	Max WS	IT_TR030_TP02H	0.28	91.26	91.73		91.76	0.009581	0.79	0.39	1.88	0.45
Capanne	41.250	Max WS	IT_TR030_TP0.5H	0.34	91.26	91.76		91.80	0.010174	0.84	0.45	1.95	0.47
Capanne	41.250	Max WS	IT_TR200_TP0.5H	0.37	91.26	91.79		91.82	0.009119	0.82	0.50	2.00	0.45
Capanne	40	Max WS	IT_TR200_TP02H	0.24	91.24	91.85		91.87	0.005754	0.63	0.43	2.02	0.35
Capanne	40	Max WS	IT_TR200_TP03H	0.28	91.24	91.89		91.91	0.005257	0.62	0.50	2.08	0.34
Capanne	40	Max WS	IT_TR200_TP01H	0.28	91.24	91.75		91.81	0.008565	1.01	0.27	1.83	0.48
Capanne	40	Max WS	IT_TR200_TP04H	0.28	91.24	91.89		91.90	0.005236	0.62	0.50	2.08	0.34
Capanne	40	Max WS	IT_TR200_TP06H	0.24	91.24	91.85		91.87	0.005912	0.63	0.42	2.01	0.36
Capanne	40	Max WS	IT_TR030_TP01H	0.25	91.24	91.74		91.79	0.008022	0.96	0.26	1.80	0.46
Capanne	40	Max WS	IT_TR030_TP06H	0.21	91.24	91.69		91.73	0.008565	0.91	0.23	1.71	0.47
Capanne	40	Max WS	IT_TR030_TP04H	0.22	91.24	91.70		91.74	0.008284	0.91	0.24	1.72	0.46
Capanne	40	Max WS	IT_TR030_TP03H	0.22	91.24	91.70		91.75	0.008328	0.92	0.24	1.74	0.46
Capanne	40	Max WS	IT_TR030_TP02H	0.23	91.24	91.71		91.75	0.008272	0.93	0.24	1.74	0.46
Capanne	40	Max WS	IT_TR030_TP0.5H	0.26	91.24	91.74		91.79	0.008118	0.97	0.27	1.81	0.47
Capanne	40	Max WS	IT_TR200_TP0.5H	0.29	91.24	91.76		91.82	0.008888	1.04	0.28	1.84	0.49
Capanne	35			Culvert									
Capanne	30	Max WS	IT_TR200_TP02H	0.24	91.11	91.83		91.84	0.004735	0.56	0.47	2.45	0.32
Capanne	30	Max WS	IT_TR200_TP03H	0.28	91.11	91.87		91.88	0.003777	0.54	0.58	2.45	0.29
Capanne	30	Max WS	IT_TR200_TP01H	0.20	91.11	91.67		91.69	0.003225	0.67	0.29	2.45	0.31
Capanne	30	Max WS	IT_TR200_TP04H	0.28	91.11	91.87		91.88	0.003842	0.54	0.58	2.45	0.29
Capanne	30	Max WS	IT_TR200_TP06H	0.24	91.11	91.82		91.84	0.004960	0.57	0.46	2.45	0.33
Capanne	30	Max WS	IT_TR030_TP01H	0.25	91.11	91.52		91.60	0.018104	1.25	0.20	2.08	0.68
Capanne	30	Max WS	IT_TR030_TP06H	0.19	91.11	91.52		91.57	0.010047	0.93	0.20	2.08	0.51
Capanne	30	Max WS	IT_TR030_TP04H	0.19	91.11	91.56		91.60	0.007496	0.86	0.23	2.11	0.45
Capanne	30	Max WS	IT_TR030_TP03H	0.18	91.11	91.54		91.58	0.007596	0.85	0.22	2.10	0.45

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

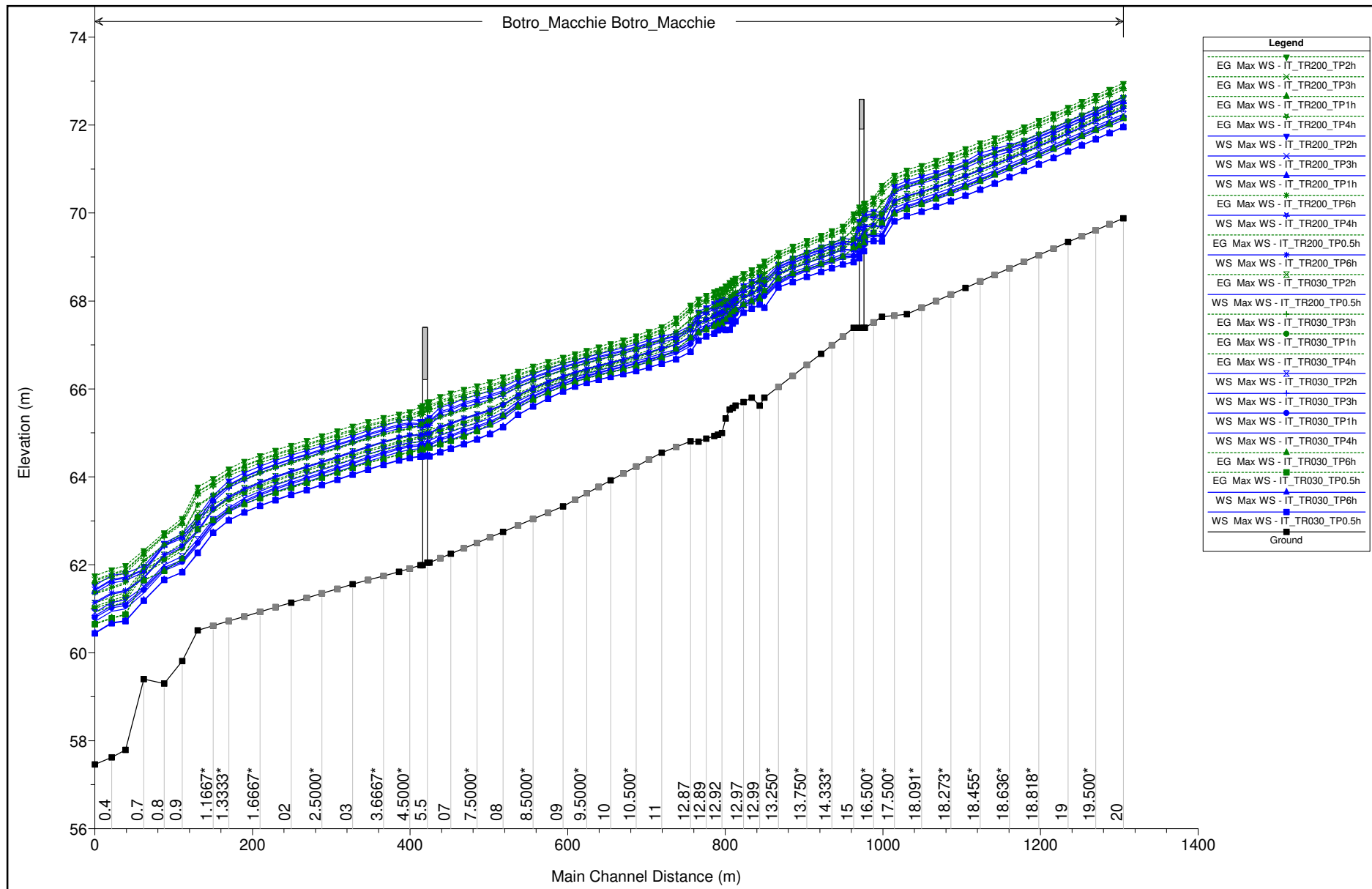
Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Capanne	30	Max WS	IT_TR030_TP02H	0.23	91.11	91.51		91.58	0.016486	1.16	0.20	2.07	0.65
Capanne	30	Max WS	IT_TR030_TP0.5H	0.26	91.11	91.52		91.60	0.018659	1.27	0.20	2.08	0.70
Capanne	30	Max WS	IT_TR200_TP0.5H	0.28	91.11	91.53		91.62	0.019461	1.33	0.21	2.09	0.71
Capanne	29.99		Lat Struct										
Capanne	29.98		Lat Struct										
Capanne	26.667*	Max WS	IT_TR200_TP02H	0.23	91.07	91.82		91.82	0.000265	0.19	1.26	2.63	0.08
Capanne	26.667*	Max WS	IT_TR200_TP03H	0.23	91.07	91.87		91.87	0.000209	0.18	1.38	2.63	0.08
Capanne	26.667*	Max WS	IT_TR200_TP01H	0.20	91.07	91.67		91.67	0.000621	0.25	0.86	2.63	0.13
Capanne	26.667*	Max WS	IT_TR200_TP04H	0.23	91.07	91.87		91.87	0.000212	0.18	1.37	2.63	0.08
Capanne	26.667*	Max WS	IT_TR200_TP06H	0.23	91.07	91.82		91.82	0.000282	0.20	1.24	2.63	0.09
Capanne	26.667*	Max WS	IT_TR030_TP01H	0.25	91.07	91.46		91.50	0.013648	0.87	0.33	2.24	0.57
Capanne	26.667*	Max WS	IT_TR030_TP06H	0.19	91.07	91.50		91.51	0.004334	0.51	0.42	2.41	0.33
Capanne	26.667*	Max WS	IT_TR030_TP04H	0.19	91.07	91.55		91.55	0.002527	0.40	0.54	2.63	0.26
Capanne	26.667*	Max WS	IT_TR030_TP03H	0.18	91.07	91.53		91.54	0.002618	0.40	0.50	2.58	0.26
Capanne	26.667*	Max WS	IT_TR030_TP02H	0.08	91.07	91.48		91.48	0.001138	0.25	0.36	2.29	0.17
Capanne	26.667*	Max WS	IT_TR030_TP0.5H	0.26	91.07	91.46		91.50	0.013956	0.88	0.33	2.25	0.58
Capanne	26.667*	Max WS	IT_TR200_TP0.5H	0.29	91.07	91.47		91.51	0.014610	0.91	0.36	2.29	0.60
Capanne	23.333*	Max WS	IT_TR200_TP02H	0.18	91.04	91.82		91.82	0.000090	0.12	1.57	2.81	0.05
Capanne	23.333*	Max WS	IT_TR200_TP03H	0.12	91.04	91.87		91.87	0.000033	0.08	1.70	2.81	0.03
Capanne	23.333*	Max WS	IT_TR200_TP01H	0.22	91.04	91.67		91.67	0.000327	0.20	1.14	2.81	0.10
Capanne	23.333*	Max WS	IT_TR200_TP04H	0.13	91.04	91.87		91.87	0.000035	0.08	1.70	2.81	0.03
Capanne	23.333*	Max WS	IT_TR200_TP06H	0.20	91.04	91.82		91.82	0.000108	0.13	1.56	2.81	0.06
Capanne	23.333*	Max WS	IT_TR030_TP01H	0.25	91.04	91.42		91.44	0.007218	0.63	0.44	2.64	0.44
Capanne	23.333*	Max WS	IT_TR030_TP06H	0.19	91.04	91.49		91.50	0.001417	0.32	0.65	2.81	0.20
Capanne	23.333*	Max WS	IT_TR030_TP04H	0.19	91.04	91.54		91.54	0.000815	0.26	0.79	2.81	0.15
Capanne	23.333*	Max WS	IT_TR030_TP03H	0.12	91.04	91.53		91.53	0.000337	0.17	0.75	2.81	0.10
Capanne	23.333*	Max WS	IT_TR030_TP02H	0.08	91.04	91.47		91.47	0.000312	0.14	0.59	2.81	0.09
Capanne	23.333*	Max WS	IT_TR030_TP0.5H	0.26	91.04	91.42		91.44	0.007682	0.65	0.44	2.64	0.45
Capanne	23.333*	Max WS	IT_TR200_TP0.5H	0.08	91.04	91.44		91.45	0.000535	0.17	0.51	2.78	0.12
Capanne	20	Max WS	IT_TR200_TP02H	0.10	91.01	91.82		91.82	0.000016	0.06	1.93	2.98	0.02
Capanne	20	Max WS	IT_TR200_TP03H	-0.02	91.01	91.87		91.87	0.000001	-0.01	2.06	2.98	0.00
Capanne	20	Max WS	IT_TR200_TP01H	0.30	91.01	91.66		91.67	0.000307	0.22	1.46	2.98	0.10
Capanne	20	Max WS	IT_TR200_TP04H	-0.02	91.01	91.87		91.87	0.000000	-0.01	2.06	2.98	0.00
Capanne	20	Max WS	IT_TR200_TP06H	0.13	91.01	91.82		91.82	0.000026	0.07	1.91	2.98	0.03
Capanne	20	Max WS	IT_TR030_TP01H	0.25	91.01	91.40		91.41	0.002342	0.40	0.66	2.98	0.26
Capanne	20	Max WS	IT_TR030_TP06H	0.19	91.01	91.49		91.49	0.000489	0.22	0.93	2.98	0.12
Capanne	20	Max WS	IT_TR030_TP04H	0.20	91.01	91.54		91.54	0.000330	0.19	1.08	2.98	0.10
Capanne	20	Max WS	IT_TR030_TP03H	0.12	91.01	91.53		91.53	0.000129	0.12	1.05	2.98	0.06
Capanne	20	Max WS	IT_TR030_TP02H	0.09	91.01	91.47		91.47	0.000122	0.10	0.87	2.98	0.06
Capanne	20	Max WS	IT_TR030_TP0.5H	0.26	91.01	91.40		91.41	0.002563	0.41	0.66	2.98	0.27
Capanne	20	Max WS	IT_TR200_TP0.5H	0.09	91.01	91.44		91.44	0.000161	0.11	0.79	2.98	0.07
Capanne	17.889*	Max WS	IT_TR200_TP02H	-0.11	91.08	91.82		91.82	0.000031	-0.08	1.52	2.20	0.03
Capanne	17.889*	Max WS	IT_TR200_TP03H	-0.22	91.08	91.87		91.87	0.000100	-0.15	1.62	2.20	0.05
Capanne	17.889*	Max WS	IT_TR200_TP01H	0.16	91.08	91.67		91.67	0.000127	0.14	1.18	2.20	0.06
Capanne	17.889*	Max WS	IT_TR200_TP04H	-0.22	91.08	91.87		91.87	0.000095	-0.14	1.62	2.20	0.05
Capanne	17.889*	Max WS	IT_TR200_TP06H	-0.09	91.08	91.82		91.82	0.000018	-0.06	1.51	2.20	0.02
Capanne	17.889*	Max WS	IT_TR030_TP01H	0.25	91.08	91.28		91.31	0.017190	0.80	0.32	2.20	0.65
Capanne	17.889*	Max WS	IT_TR030_TP06H	0.20	91.08	91.48		91.48	0.000748	0.27	0.77	2.20	0.15
Capanne	17.889*	Max WS	IT_TR030_TP04H	0.27	91.08	91.53		91.53	0.000944	0.33	0.87	2.20	0.17
Capanne	17.889*	Max WS	IT_TR030_TP03H	0.21	91.08	91.52		91.52	0.000581	0.26	0.86	2.20	0.13
Capanne	17.889*	Max WS	IT_TR030_TP02H	0.09	91.08	91.47		91.47	0.000177	0.13	0.74	2.20	0.07
Capanne	17.889*	Max WS	IT_TR030_TP0.5H	0.26	91.08	91.28		91.32	0.015587	0.79	0.34	2.20	0.62
Capanne	17.889*	Max WS	IT_TR200_TP0.5H	0.09	91.08	91.44		91.44	0.000191	0.13	0.68	2.20	0.07
Capanne	15.778	Max WS	IT_TR200_TP02H	0.56	90.90	91.81		91.82	0.000224	0.24	2.45	2.97	0.09
Capanne	15.778	Max WS	IT_TR200_TP03H	0.58	90.90	91.86		91.86	0.000201	0.24	2.59	2.97	0.08
Capanne	15.778	Max WS	IT_TR200_TP01H	0.52	90.90	91.65		91.66	0.000367	0.28	1.98	2.97	0.11
Capanne	15.778	Max WS	IT_TR200_TP04H	0.58	90.90	91.86		91.86	0.000206	0.24	2.59	2.97	0.08
Capanne	15.778	Max WS	IT_TR200_TP06H	0.57	90.90	91.81		91.81	0.000238	0.25	2.43	2.97	0.09
Capanne	15.778	Max WS	IT_TR030_TP01H	0.28	90.90	91.17		91.18	0.005912	0.54	0.54	2.97	0.39
Capanne	15.778	Max WS	IT_TR030_TP06H	0.40	90.90	91.47		91.47	0.000574	0.29	1.42	2.97	0.13
Capanne	15.778	Max WS	IT_TR030_TP04H	0.50	90.90	91.51		91.52	0.000686	0.34	1.55	2.97	0.15
Capanne	15.778	Max WS	IT_TR030_TP03H	0.44	90.90	91.51		91.51	0.000551	0.30	1.54	2.97	0.13
Capanne	15.778	Max WS	IT_TR030_TP02H	0.29	90.90	91.46		91.46	0.000312	0.21	1.40	2.97	0.10
Capanne	15.778	Max WS	IT_TR030_TP0.5H	0.30	90.90	91.19		91.20	0.005383	0.54	0.58	2.97	0.38
Capanne	15.778	Max WS	IT_TR200_TP0.5H	0.21	90.90	91.44		91.44	0.000205	0.17	1.33	2.97	0.08
Capanne	13.667	Max WS	IT_TR200_TP02H	1.23	90.79	91.79		91.80	0.000742	0.57	2.54	2.76	0.19
Capanne	13.667	Max WS	IT_TR200_TP03H	1.32	90.79	91.83		91.85	0.000731	0.59	2.66	2.76	0.19
Capanne	13.667	Max WS	IT_TR200_TP01H	1.06	90.79	91.63		91.64	0.001008	0.59	2.09	2.76	0.21
Capanne	13.667	Max WS	IT_TR200_TP04H	1.32	90.79	91.83		91.85	0.000731	0.59	2.66	2.76	0.19
Capanne	13.667	Max WS	IT_TR200_TP06H	1.22	90.79	91.78		91.80	0.000747	0.57	2.52	2.76	0.19
Capanne	13.667	Max WS	IT_TR030_TP01H	0.33	90.79	91.12		91.14	0.003039	0.51	0.70	2.76	0.31
Capanne	13.667	Max WS	IT_TR030_TP06H	0.73	90.79	91.44		91.45	0.001143	0.52	1.58	2.76	0.22
Capanne	13.667	Max WS	IT_TR030_TP04H	0.85	90.79	91.48		91.50	0.001236	0.57	1.70	2.76	0.23
Capanne	13.667	Max WS	IT_TR030_TP03H	0.81	90.79	91.48		91.49	0.001163	0.55	1.69	2.76	0.22
Capanne	13.667	Max WS	IT_TR030_TP02H	0.66	90.79	91.44		91.45	0.000984	0.48	1.57	2.76	0.20
Capanne	13.667	Max WS	IT_TR030_TP0.5H	0.36	90.79	91.14		91.15	0.002996	0.53	0.75	2.76	0.31
Capanne	13.667	Max WS	IT_TR200_TP0.5H	0.59	90.79	91.41		91.42	0.000890	0.45	1.50	2.76	0.19
Capanne	11.556	Max WS	IT_TR200_TP02H	1.87	90.62	91.74		91.77	0.001731	0.93	2.64	2.67	0.29
Capanne	11.556	Max WS	IT_TR200_TP03H	1.96	90.62	91.79		91.82	0.001657	0.93	2.77	2.67	0.28
Capanne	11.556	Max WS	IT_TR200_TP01H	1.66	90.62	91.57		91.61	0.002404	0.97	2.18	2.67	0.33
Capanne	11.556	Max WS	IT_TR200_TP04H	1.96	90.62	91.79		91.82	0.001656	0.93	2.77	2.67	0.28
Capanne	11.556	Max WS	IT_TR200_TP06H	1.86	90.62	91.74		91.77	0.001745	0.93	2.62	2.67	0.29
Capanne	11.556	Max WS	IT_TR030_TP01H	0.26	90.62	91.07		91.08	0.001013	0.36	0.85	2.67	0.19
Capanne	11.556	Max WS	IT_TR030_TP06H	1.21	90.62	91.39		91.42	0.002761	0.89	1.69	2.67	0.34
Capanne	11.556	Max WS	IT_TR030_TP04H	1.34	90.62	91.43		91.46	0.002781	0.93	1.80	2.67	0.34

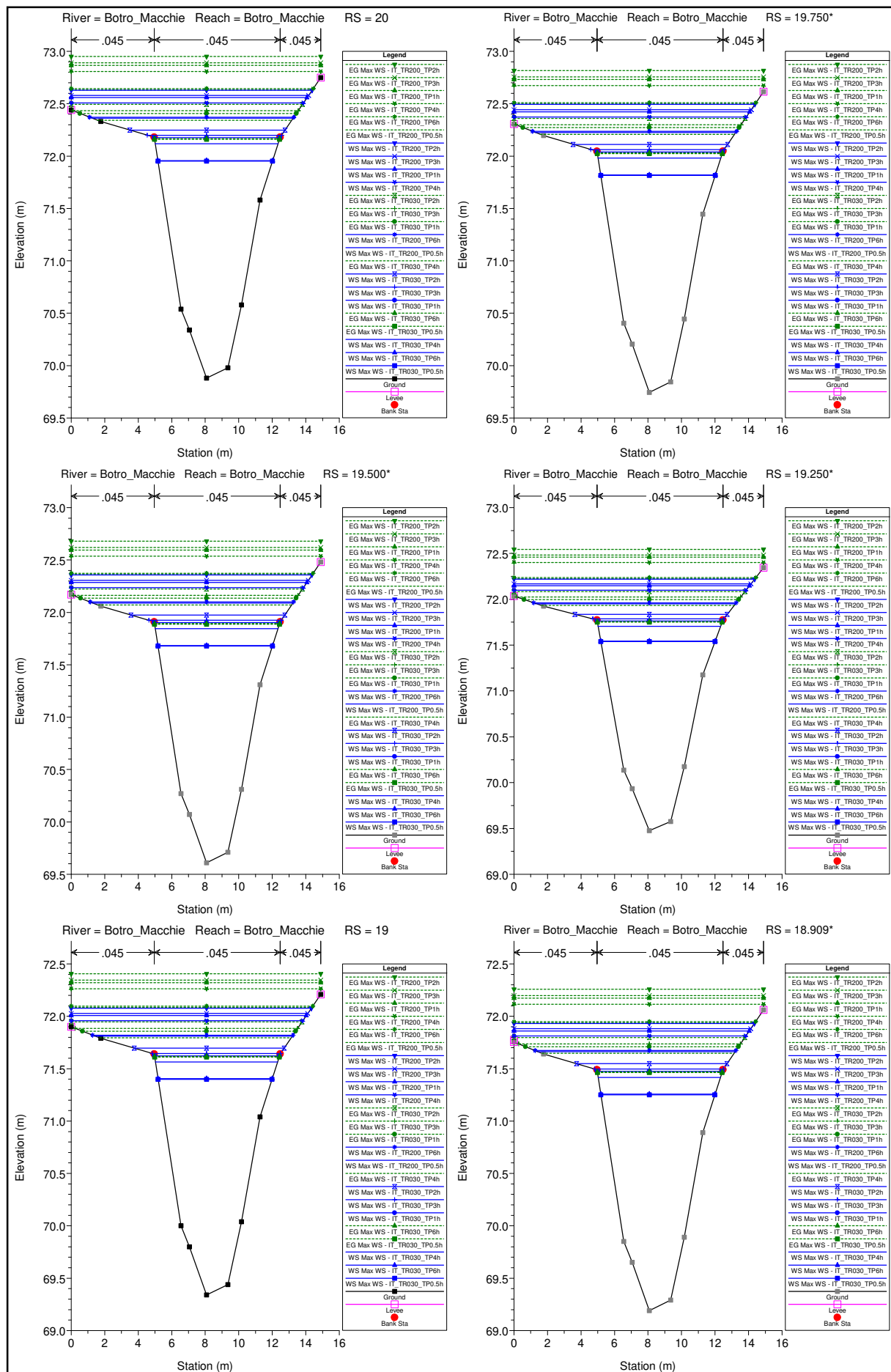
HEC-RAS River: Capanne Reach: Capanne Profile: Max WS (Continued)

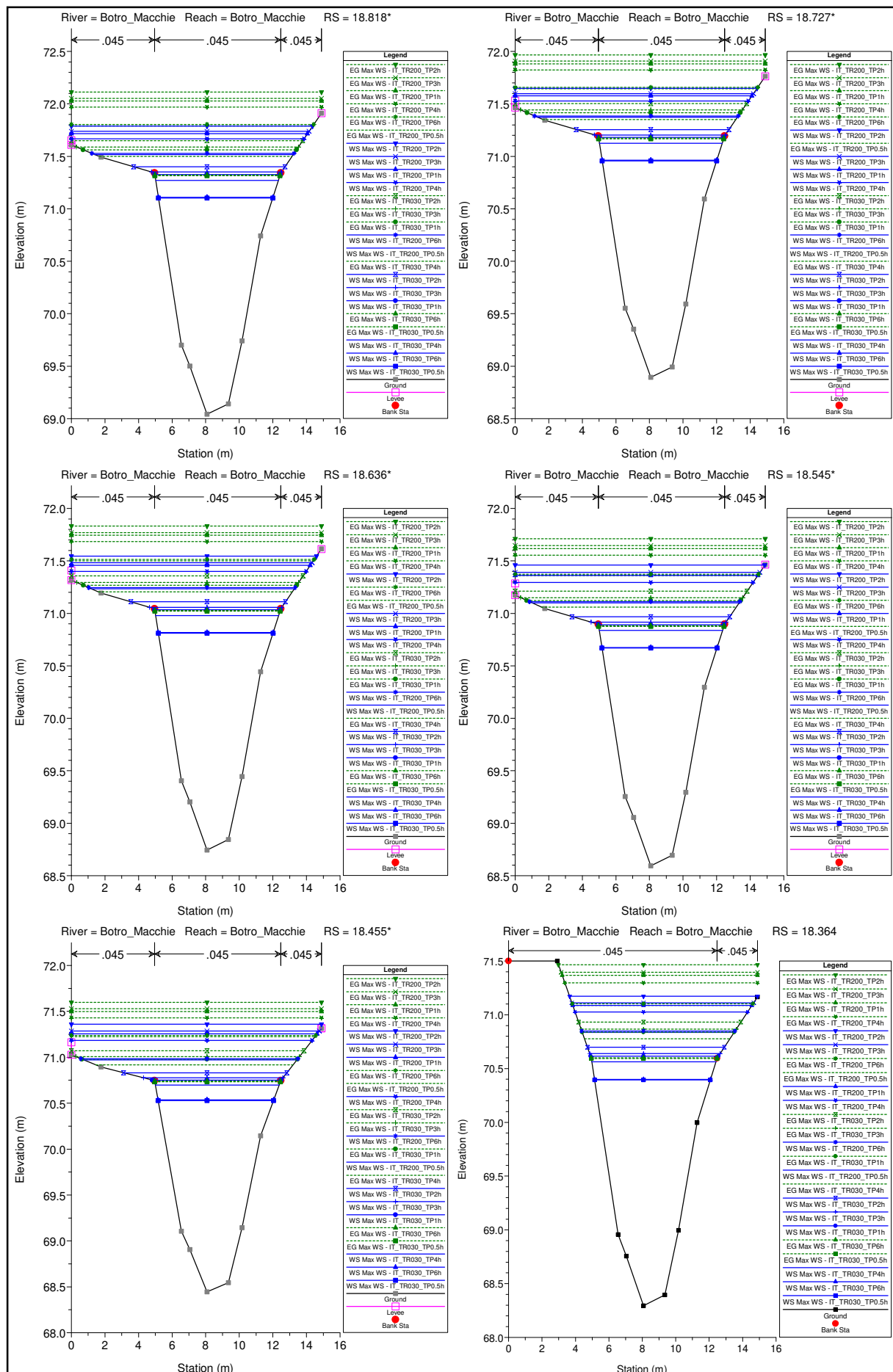
Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Capanne	11.556	Max WS	IT_TR030_TP03H	1.32	90.62	91.42		91.46	0.002739	0.92	1.79	2.67	0.34
Capanne	11.556	Max WS	IT_TR030_TP02H	1.18	90.62	91.38		91.41	0.002682	0.87	1.67	2.67	0.33
Capanne	11.556	Max WS	IT_TR030_TP0.5H	0.61	90.62	90.99		91.04	0.014047	1.14	0.62	2.67	0.67
Capanne	11.556	Max WS	IT_TR200_TP0.5H	1.12	90.62	91.36		91.39	0.002678	0.85	1.62	2.67	0.33
Capanne	9.444	Max WS	IT_TR200_TP02H	2.61	90.49	91.66		91.73	0.003237	1.32	2.60	2.41	0.40
Capanne	9.444	Max WS	IT_TR200_TP03H	2.70	90.49	91.71		91.78	0.003001	1.31	2.73	2.41	0.39
Capanne	9.444	Max WS	IT_TR200_TP01H	2.25	90.49	91.48		91.55	0.004154	1.33	2.17	2.41	0.44
Capanne	9.444	Max WS	IT_TR200_TP04H	2.70	90.49	91.71		91.78	0.003025	1.32	2.72	2.41	0.39
Capanne	9.444	Max WS	IT_TR200_TP06H	2.61	90.49	91.65		91.72	0.003311	1.33	2.58	2.41	0.40
Capanne	9.444	Max WS	IT_TR030_TP01H	0.57	90.49	91.03		91.05	0.002240	0.63	1.08	2.41	0.29
Capanne	9.444	Max WS	IT_TR030_TP06H	1.77	90.49	91.28		91.34	0.005571	1.31	1.68	2.41	0.49
Capanne	9.444	Max WS	IT_TR030_TP04H	1.89	90.49	91.33		91.39	0.005212	1.32	1.80	2.41	0.48
Capanne	9.444	Max WS	IT_TR030_TP03H	1.86	90.49	91.32		91.39	0.005075	1.30	1.79	2.41	0.47
Capanne	9.444	Max WS	IT_TR030_TP02H	1.72	90.49	91.28		91.34	0.005336	1.28	1.68	2.41	0.48
Capanne	9.444	Max WS	IT_TR030_TP0.5H	0.61	90.49	90.89		90.92	0.008288	0.95	0.74	2.41	0.53
Capanne	9.444	Max WS	IT_TR200_TP0.5H	1.66	90.49	91.25		91.32	0.005457	1.26	1.62	2.41	0.48
Capanne	7.333	Max WS	IT_TR200_TP02H	3.50	90.24	91.47		91.62	0.009099	2.23	2.29	2.01	0.65
Capanne	7.333	Max WS	IT_TR200_TP03H	3.70	90.24	91.51		91.67	0.009211	2.29	2.37	2.01	0.66
Capanne	7.333	Max WS	IT_TR200_TP01H	2.81	90.24	91.33		91.45	0.008522	1.98	2.01	2.01	0.62
Capanne	7.333	Max WS	IT_TR200_TP04H	3.69	90.24	91.51		91.67	0.009185	2.29	2.37	2.01	0.66
Capanne	7.333	Max WS	IT_TR200_TP06H	3.46	90.24	91.46		91.62	0.009029	2.21	2.28	2.01	0.65
Capanne	7.333	Max WS	IT_TR030_TP01H	0.86	90.24	90.98		91.01	0.002762	0.86	1.31	2.01	0.33
Capanne	7.333	Max WS	IT_TR030_TP06H	2.11	90.24	91.15		91.25	0.008435	1.74	1.65	2.01	0.60
Capanne	7.333	Max WS	IT_TR030_TP04H	2.28	90.24	91.19		91.30	0.008662	1.82	1.73	2.01	0.61
Capanne	7.333	Max WS	IT_TR030_TP03H	2.27	90.24	91.19		91.29	0.008633	1.81	1.72	2.01	0.61
Capanne	7.333	Max WS	IT_TR030_TP02H	2.09	90.24	91.15		91.25	0.008305	1.73	1.65	2.01	0.59
Capanne	7.333	Max WS	IT_TR030_TP0.5H	0.63	90.24	90.84		90.86	0.003063	0.78	1.03	2.01	0.33
Capanne	7.333	Max WS	IT_TR200_TP0.5H	1.98	90.24	91.13		91.22	0.007837	1.66	1.62	2.01	0.57
Capanne	6.6293*	Max WS	IT_TR200_TP02H	3.25	90.25	91.46		91.61	0.008423	2.15	2.22	1.96	0.63
Capanne	6.6293*	Max WS	IT_TR200_TP03H	3.43	90.25	91.50		91.66	0.008501	2.21	2.30	1.96	0.64
Capanne	6.6293*	Max WS	IT_TR200_TP01H	2.61	90.25	91.32		91.44	0.007969	1.92	1.94	1.96	0.60
Capanne	6.6293*	Max WS	IT_TR200_TP04H	3.43	90.25	91.50		91.66	0.008490	2.20	2.29	1.96	0.64
Capanne	6.6293*	Max WS	IT_TR200_TP06H	3.22	90.25	91.46		91.60	0.008392	2.14	2.21	1.96	0.63
Capanne	6.6293*	Max WS	IT_TR030_TP01H	0.80	90.25	90.97		91.00	0.002648	0.84	1.26	1.96	0.32
Capanne	6.6293*	Max WS	IT_TR030_TP06H	1.93	90.25	91.14		91.24	0.007686	1.66	1.59	1.96	0.57
Capanne	6.6293*	Max WS	IT_TR030_TP04H	2.10	90.25	91.18		91.28	0.007934	1.74	1.67	1.96	0.59
Capanne	6.6293*	Max WS	IT_TR030_TP03H	2.08	90.25	91.18		91.28	0.007873	1.73	1.66	1.96	0.58
Capanne	6.6293*	Max WS	IT_TR030_TP02H	1.91	90.25	91.14		91.23	0.007590	1.65	1.59	1.96	0.57
Capanne	6.6293*	Max WS	IT_TR030_TP0.5H	0.64	90.25	90.82		90.85	0.003672	0.84	0.96	1.96	0.37
Capanne	6.6293*	Max WS	IT_TR200_TP0.5H	1.75	90.25	91.13		91.21	0.006693	1.53	1.56	1.96	0.53
Capanne	5.9257*	Max WS	IT_TR200_TP02H	3.00	90.25	91.46		91.60	0.007644	2.05	2.15	1.91	0.60
Capanne	5.9257*	Max WS	IT_TR200_TP03H	3.17	90.25	91.50		91.65	0.007671	2.10	2.23	1.91	0.61
Capanne	5.9257*	Max WS	IT_TR200_TP01H	2.41	90.25	91.32		91.43	0.007322	1.83	1.87	1.91	0.58
Capanne	5.9257*	Max WS	IT_TR200_TP04H	3.17	90.25	91.50		91.64	0.007672	2.10	2.23	1.91	0.61
Capanne	5.9257*	Max WS	IT_TR200_TP06H	2.98	90.25	91.45		91.59	0.007639	2.04	2.14	1.91	0.60
Capanne	5.9257*	Max WS	IT_TR030_TP01H	0.75	90.25	90.97		90.99	0.002467	0.81	1.21	1.91	0.31
Capanne	5.9257*	Max WS	IT_TR030_TP06H	1.75	90.25	91.14		91.22	0.006775	1.56	1.54	1.91	0.54
Capanne	5.9257*	Max WS	IT_TR030_TP04H	1.91	90.25	91.18		91.27	0.007108	1.64	1.61	1.91	0.56
Capanne	5.9257*	Max WS	IT_TR030_TP03H	1.89	90.25	91.18		91.27	0.007000	1.63	1.61	1.91	0.55
Capanne	5.9257*	Max WS	IT_TR030_TP02H	1.74	90.25	91.14		91.22	0.006767	1.55	1.53	1.91	0.54
Capanne	5.9257*	Max WS	IT_TR030_TP0.5H	0.65	90.25	90.81		90.84	0.004585	0.92	0.90	1.91	0.41
Capanne	5.9257*	Max WS	IT_TR200_TP0.5H	1.63	90.25	91.13		91.20	0.006184	1.47	1.51	1.91	0.51
Capanne	5.222	Max WS	IT_TR200_TP02H	2.76	90.26	91.46		91.59	0.006722	1.93	2.09	1.86	0.57
Capanne	5.222	Max WS	IT_TR200_TP03H	2.91	90.26	91.51		91.63	0.006701	1.97	2.17	1.86	0.57
Capanne	5.222	Max WS	IT_TR200_TP01H	2.21	90.26	91.31		91.41	0.006554	1.74	1.81	1.86	0.55
Capanne	5.222	Max WS	IT_TR200_TP04H	2.90	90.26	91.50		91.63	0.006715	1.97	2.16	1.86	0.57
Capanne	5.222	Max WS	IT_TR200_TP06H	2.74	90.26	91.46		91.58	0.006748	1.92	2.07	1.86	0.57
Capanne	5.222	Max WS	IT_TR030_TP01H	0.69	90.26	90.97		90.99	0.002278	0.78	1.17	1.86	0.30
Capanne	5.222	Max WS	IT_TR030_TP06H	1.56	90.26	91.14		91.21	0.005718	1.44	1.49	1.86	0.50
Capanne	5.222	Max WS	IT_TR030_TP04H	1.73	90.26	91.18		91.26	0.006160	1.53	1.56	1.86	0.52
Capanne	5.222	Max WS	IT_TR030_TP03H	1.70	90.26	91.18		91.25	0.006010	1.51	1.56	1.86	0.51
Capanne	5.222	Max WS	IT_TR030_TP02H	1.56	90.26	91.14		91.21	0.005762	1.44	1.49	1.86	0.50
Capanne	5.222	Max WS	IT_TR030_TP0.5H	0.15	90.26	90.80		90.81	0.000250	0.21	0.86	1.86	0.10
Capanne	5.222	Max WS	IT_TR200_TP0.5H	1.40	90.26	91.13		91.19	0.004805	1.30	1.47	1.86	0.46
Capanne	4.5183*	Max WS	IT_TR200_TP02H	2.50	90.19	91.46		91.58	0.005931	1.87	1.99	1.67	0.54
Capanne	4.5183*	Max WS	IT_TR200_TP03H	2.64	90.19	91.51		91.63	0.005921	1.91	2.07	1.67	0.54
Capanne	4.5183*	Max WS	IT_TR200_TP01H	2.01	90.19	91.31		91.41	0.005676	1.67	1.74	1.67	0.51
Capanne	4.5183*	Max WS	IT_TR200_TP04H	2.64	90.19	91.50		91.63	0.005951	1.91	2.07	1.67	0.54
Capanne	4.5183*	Max WS	IT_TR200_TP06H	2.49	90.19	91.45		91.57	0.005983	1.87	1.98	1.67	0.54
Capanne	4.5183*	Max WS	IT_TR030_TP01H	0.62	90.19	90.97		90.99	0.001748	0.72	1.17	1.67	0.27
Capanne	4.5183*	Max WS	IT_TR030_TP06H	1.24	90.19	91.15		91.20	0.003513	1.18	1.47	1.67	0.39
Capanne	4.5183*	Max WS	IT_TR030_TP04H	1.53	90.19	91.18		91.25	0.004844	1.42	1.52	1.67	0.46
Capanne	4.5183*	Max WS	IT_TR030_TP03H	1.50	90.19	91.18		91.25	0.004673	1.39	1.52	1.67	0.46
Capanne	4.5183*	Max WS	IT_TR030_TP02H	1.19	90.19	91.15		91.19	0.003286	1.14	1.47	1.67	0.38
Capanne	4.5183*	Max WS	IT_TR030_TP0.5H	0.13	90.19	90.80		90.80	0.000170	0.19	0.89	1.67	0.08
Capanne	4.5183*	Max WS	IT_TR200_TP0.5H	1.18	90.19	91.15		91.19	0.003233	1.13	1.47	1.67	0.38
Capanne	3.8147*	Max WS	IT_TR200_TP02H	2.19	90.11	91.47		91.58	0.004822	1.74	1.89	1.49	0.48
Capanne	3.8147*	Max WS	IT_TR200_TP03H	2.31	90.11	91.52		91.63	0.004816	1.78	1.96	1.49	0.49
Capanne	3.8147*	Max WS	IT_TR200_TP01H	1.76	90.11	91.32		91.40	0.004517	1.55	1.67	1.49	0.46
Capanne	3.8147*	Max WS	IT_TR200_TP04H	2.31	90.11	91.52		91.63	0.004853	1.78	1.96	1.49	0.49
Capanne	3.8147*	Max WS	IT_TR200_TP06H	2.19	90.11	91.47		91.57	0.004895	1.74	1.88	1.49	0.49
Capanne	3.8147*	Max WS	IT_TR030_TP01H	0.51	90.11	90.97		90.99	0.001122	0.61	1.15	1.49	0.22
Capanne	3.8147*	Max WS	IT_TR030_TP06H	1.10	90.11	91.17		91.21	0.002691	1.09	1.44	1.49	0.35
Capanne	3.8147*	Max WS	IT_TR030_TP04H	1.05	90.11	91.21		91.24	0.002181	1.00	1.50	1.49	0.31
Capanne	3.8147*	Max WS	IT_TR030_TP03H	1.25	90.11	91.19		91.25	0.003224	1.21	1.48	1.49	0.38
Capanne	3.8147*	Max WS	IT_TR030_TP02H	0.93	90.11	91.16		91.19	0.001993	0.93	1.43	1.49	0.30
Capanne	3.8147*	Max WS	IT_TR030_TP0.5H	0.10	90.11	90.80		90.80	0.000081	0.14	0.90	1.49	0.06

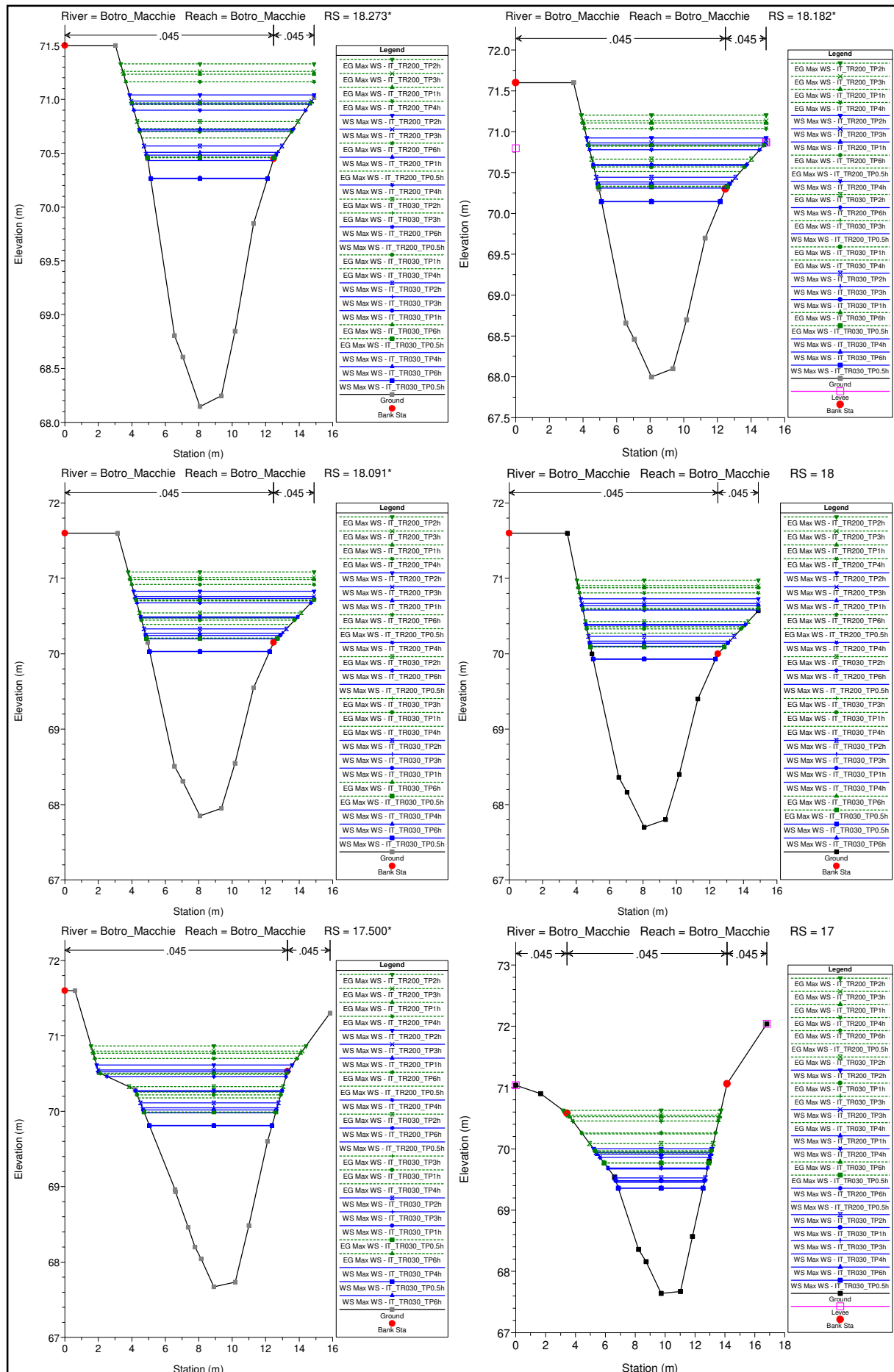
HEC-RAS River: Capanne Reach: Capanne Profile: Max WS (Continued)

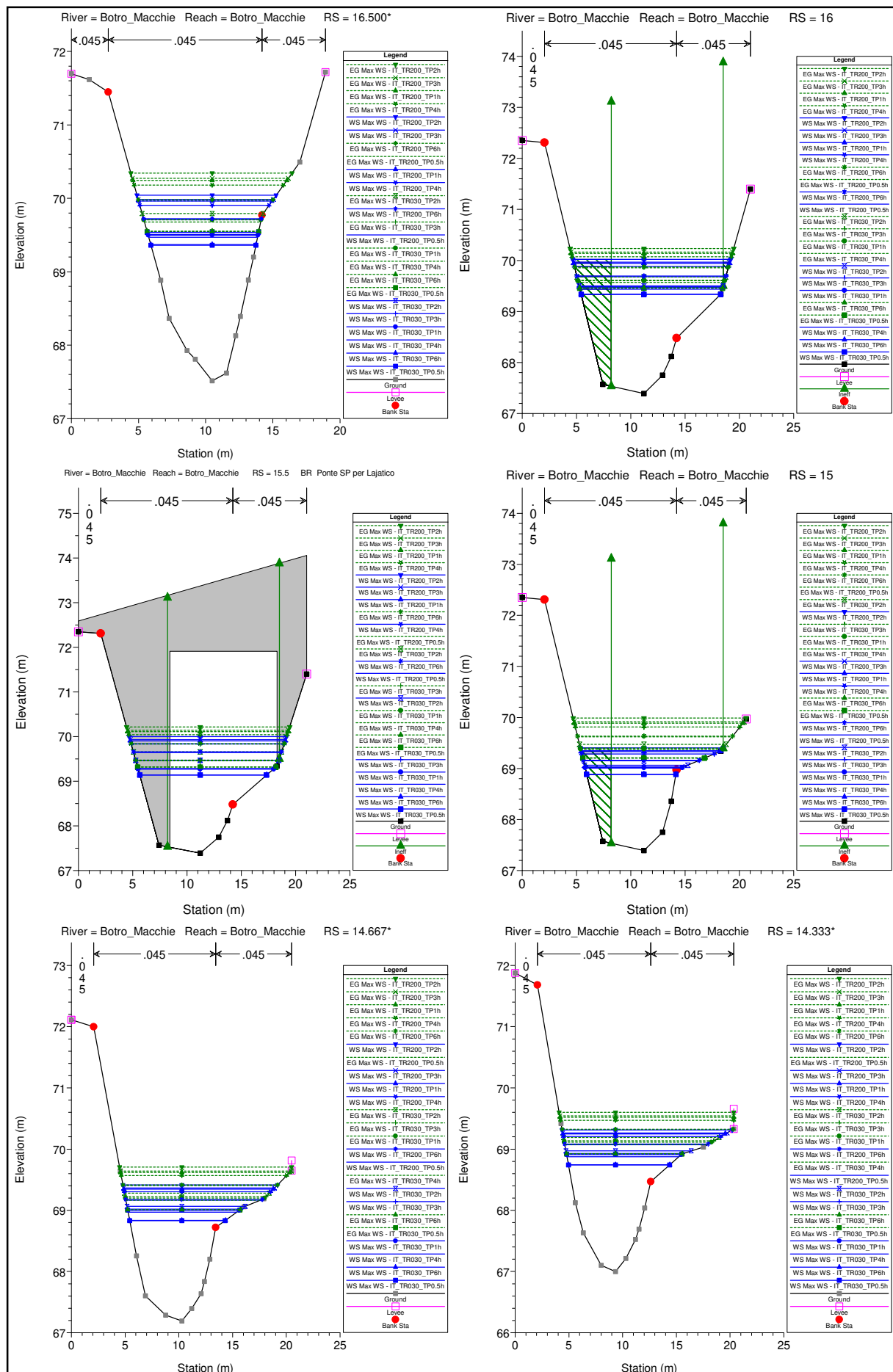
Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Capanne	3.8147*	Max WS	IT_TR200_TP0.5H	0.91	90.11	91.17		91.20	0.001836	0.90	1.45	1.49	0.29
Capanne	3.111	Max WS	IT_TR200_TP02H	1.83	90.04	91.50		91.58	0.003442	1.52	1.78	1.30	0.41
Capanne	3.111	Max WS	IT_TR200_TP03H	1.92	90.04	91.54		91.63	0.003437	1.55	1.84	1.30	0.41
Capanne	3.111	Max WS	IT_TR200_TP01H	1.46	90.04	91.34		91.41	0.003140	1.34	1.58	1.30	0.38
Capanne	3.111	Max WS	IT_TR200_TP04H	1.93	90.04	91.54		91.63	0.003479	1.56	1.84	1.30	0.41
Capanne	3.111	Max WS	IT_TR200_TP06H	1.83	90.04	91.49		91.58	0.003525	1.53	1.77	1.30	0.41
Capanne	3.111	Max WS	IT_TR030_TP01H	0.33	90.04	91.00		91.00	0.000427	0.40	1.13	1.30	0.13
Capanne	3.111	Max WS	IT_TR030_TP06H	0.59	90.04	91.23		91.24	0.000681	0.59	1.44	1.30	0.17
Capanne	3.111	Max WS	IT_TR030_TP04H	0.56	90.04	91.28		91.29	0.000535	0.54	1.50	1.30	0.16
Capanne	3.111	Max WS	IT_TR030_TP03H	0.51	90.04	91.23		91.23	0.000519	0.51	1.43	1.30	0.15
Capanne	3.111	Max WS	IT_TR030_TP02H	0.52	90.04	91.23		91.24	0.000530	0.52	1.43	1.30	0.15
Capanne	3.111	Max WS	IT_TR030_TP0.5H	0.03	90.04	90.81		90.81	0.000010	0.05	0.88	1.30	0.02
Capanne	3.111	Max WS	IT_TR200_TP0.5H	0.46	90.04	91.24		91.25	0.000391	0.45	1.45	1.30	0.13
Capanne	2.0555*	Max WS	IT_TR200_TP02H	1.24	90.15	91.55		91.57	0.000626	0.67	2.20	1.66	0.18
Capanne	2.0555*	Max WS	IT_TR200_TP03H	1.30	90.15	91.60		91.62	0.000606	0.67	2.29	1.66	0.18
Capanne	2.0555*	Max WS	IT_TR200_TP01H	0.98	90.15	91.38		91.40	0.000600	0.60	1.92	1.66	0.18
Capanne	2.0555*	Max WS	IT_TR200_TP04H	1.31	90.15	91.60		91.62	0.000623	0.68	2.28	1.66	0.18
Capanne	2.0555*	Max WS	IT_TR200_TP06H	1.26	90.15	91.54		91.56	0.000658	0.68	2.19	1.66	0.19
Capanne	2.0555*	Max WS	IT_TR030_TP01H	0.02	90.15	91.03		91.03	0.000001	0.02	1.34	1.66	0.01
Capanne	2.0555*	Max WS	IT_TR030_TP06H	-0.04	90.15	91.26		91.26	0.000001	-0.02	1.72	1.66	0.01
Capanne	2.0555*	Max WS	IT_TR030_TP04H	0.20	90.15	91.25		91.25	0.000035	0.13	1.70	1.66	0.04
Capanne	2.0555*	Max WS	IT_TR030_TP03H	-0.08	90.15	91.25		91.25	0.000006	-0.05	1.70	1.66	0.02
Capanne	2.0555*	Max WS	IT_TR030_TP02H	-0.06	90.15	91.25		91.25	0.000003	-0.04	1.71	1.66	0.01
Capanne	2.0555*	Max WS	IT_TR030_TP0.5H	-0.04	90.15	90.81		90.81	0.000010	-0.05	0.97	1.66	0.02
Capanne	2.0555*	Max WS	IT_TR200_TP0.5H	-0.07	90.15	91.25		91.25	0.000004	-0.05	1.71	1.66	0.01
Capanne	1	Max WS	IT_TR200_TP02H	0.75	90.26	91.57		91.57	0.000383	0.30	2.51	2.01	0.09
Capanne	1	Max WS	IT_TR200_TP03H	0.78	90.26	91.62		91.62	0.000365	0.30	2.62	2.01	0.08
Capanne	1	Max WS	IT_TR200_TP01H	0.59	90.26	91.39		91.40	0.000345	0.27	2.16	2.01	0.08
Capanne	1	Max WS	IT_TR200_TP04H	0.79	90.26	91.62		91.62	0.000384	0.30	2.61	2.01	0.09
Capanne	1	Max WS	IT_TR200_TP06H	0.78	90.26	91.56		91.56	0.000420	0.31	2.49	2.01	0.09
Capanne	1	Max WS	IT_TR030_TP01H	-0.18	90.26	91.05		91.05	0.000091	-0.12	1.47	2.01	0.05
Capanne	1	Max WS	IT_TR030_TP06H	0.01	90.26	91.21		91.21	0.000000	0.00	1.79	2.01	0.00
Capanne	1	Max WS	IT_TR030_TP04H	0.13	90.26	91.25		91.25	0.000026	0.07	1.87	2.01	0.02
Capanne	1	Max WS	IT_TR030_TP03H	0.08	90.26	91.25		91.25	0.000010	0.04	1.87	2.01	0.01
Capanne	1	Max WS	IT_TR030_TP02H	0.00	90.26	91.21		91.21	0.000000	0.00	1.79	2.01	0.00
Capanne	1	Max WS	IT_TR030_TP0.5H	-0.10	90.26	90.83		90.83	0.000085	-0.10	1.02	2.01	0.05
Capanne	1	Max WS	IT_TR200_TP0.5H	-0.04	90.26	91.19		91.19	0.000002	-0.02	1.75	2.01	0.01

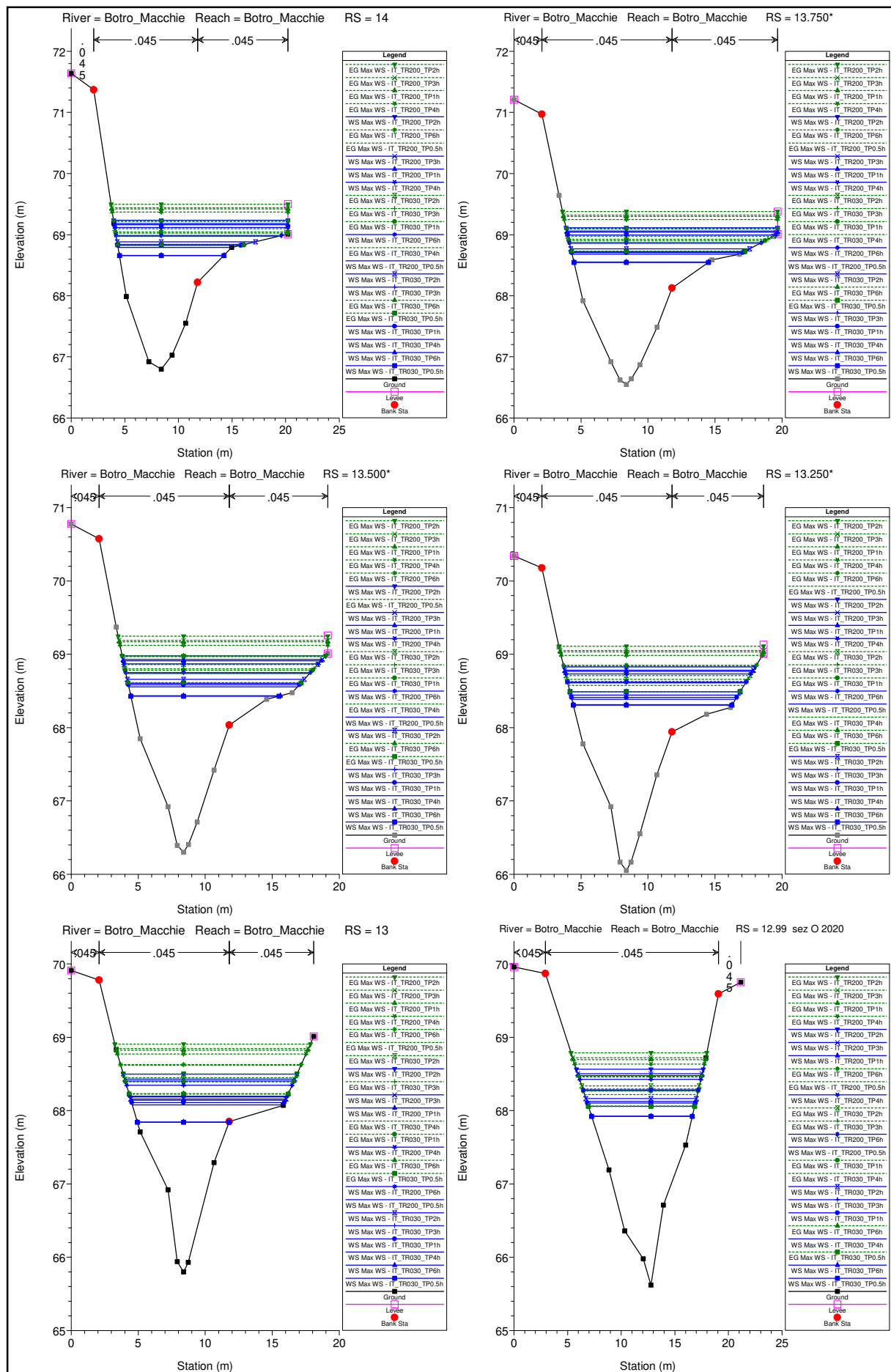


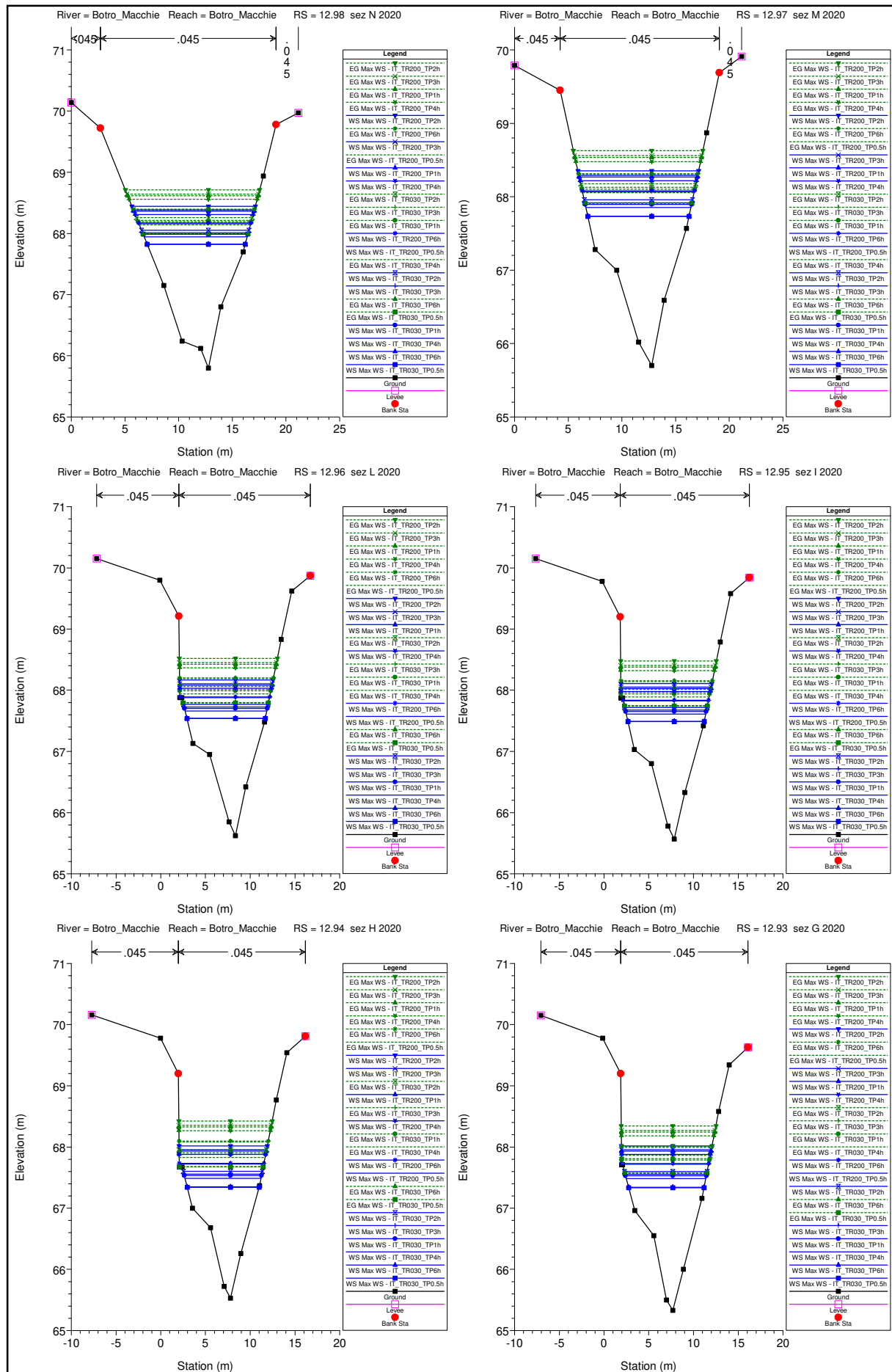


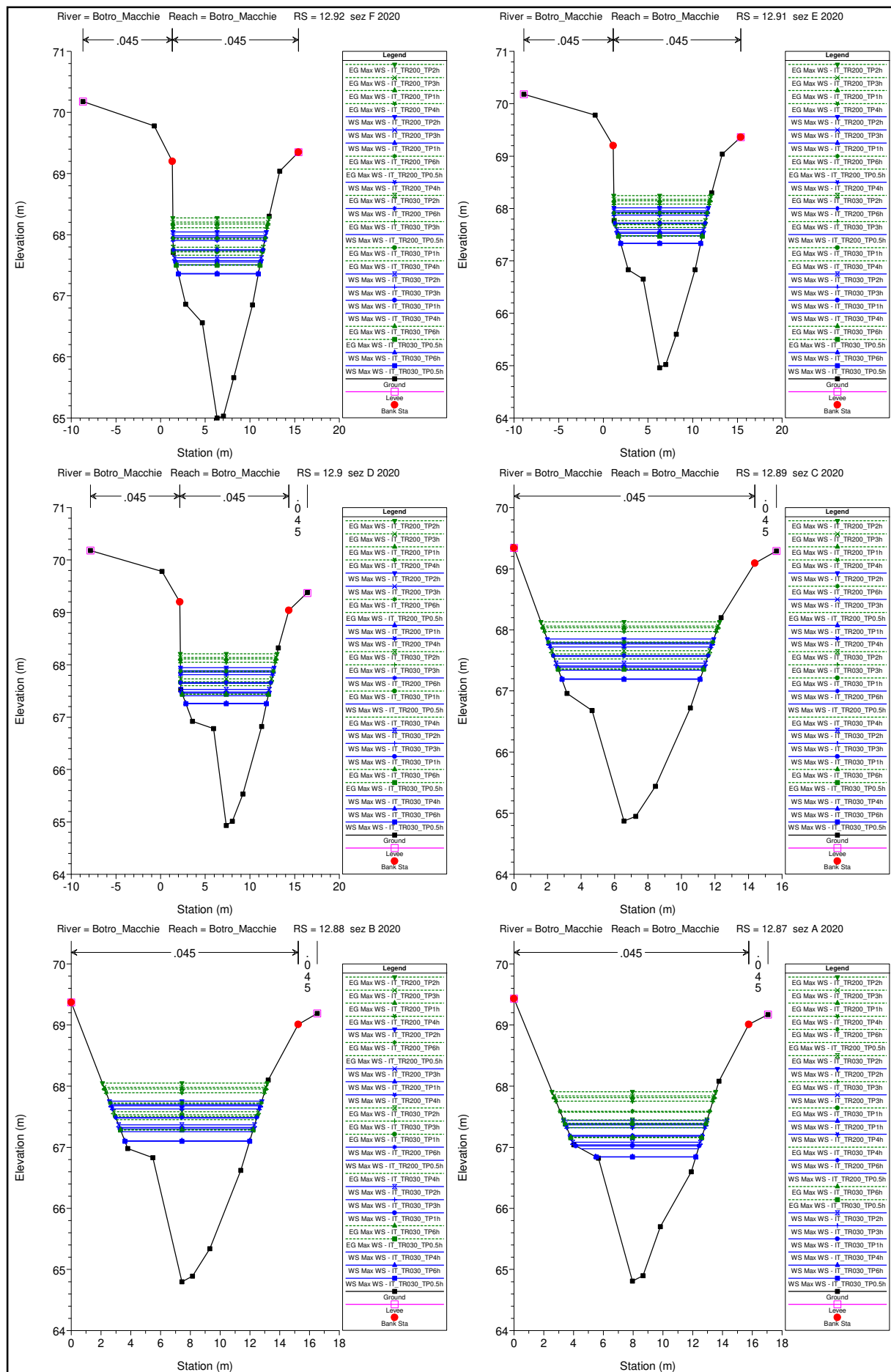


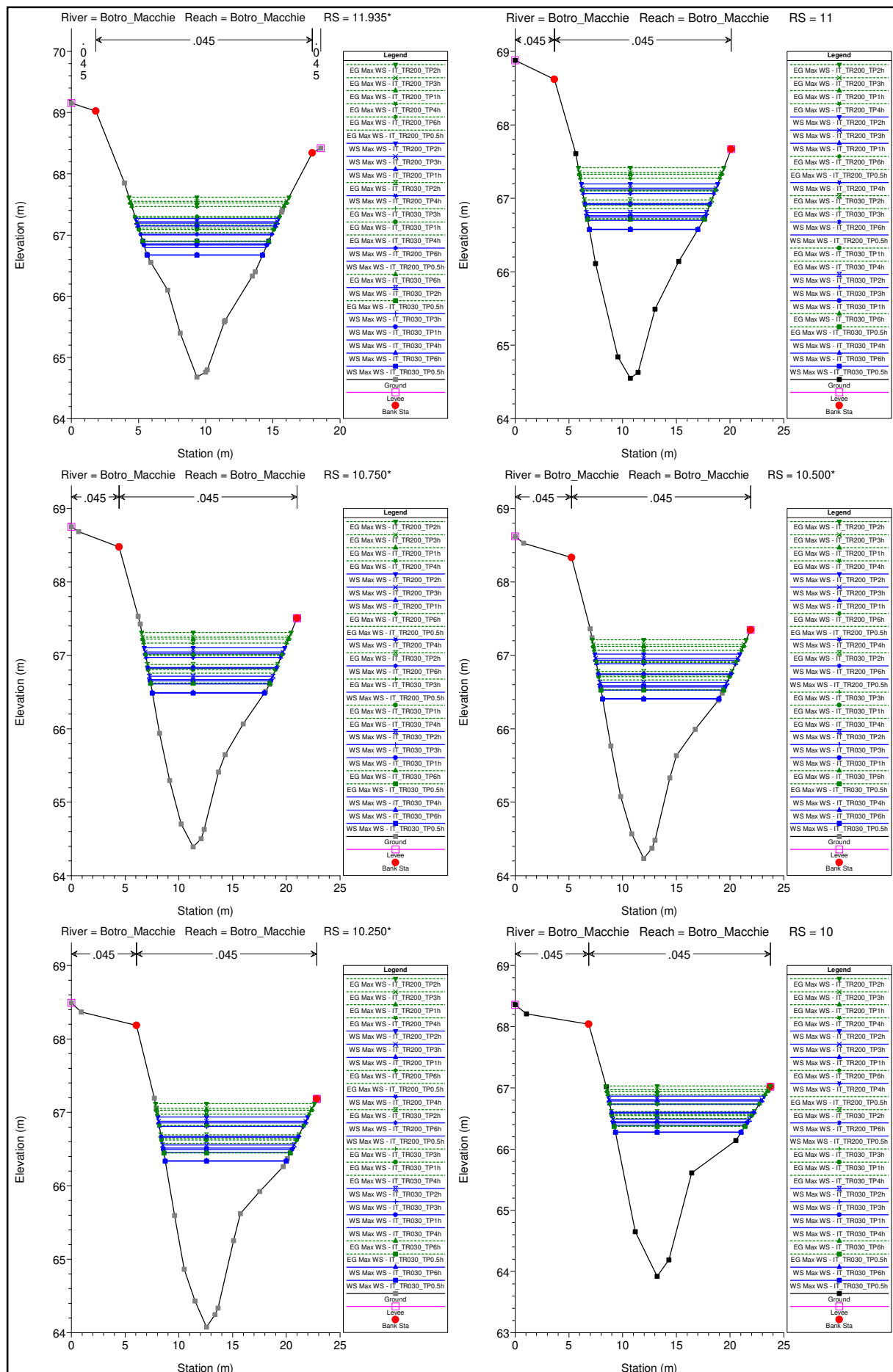


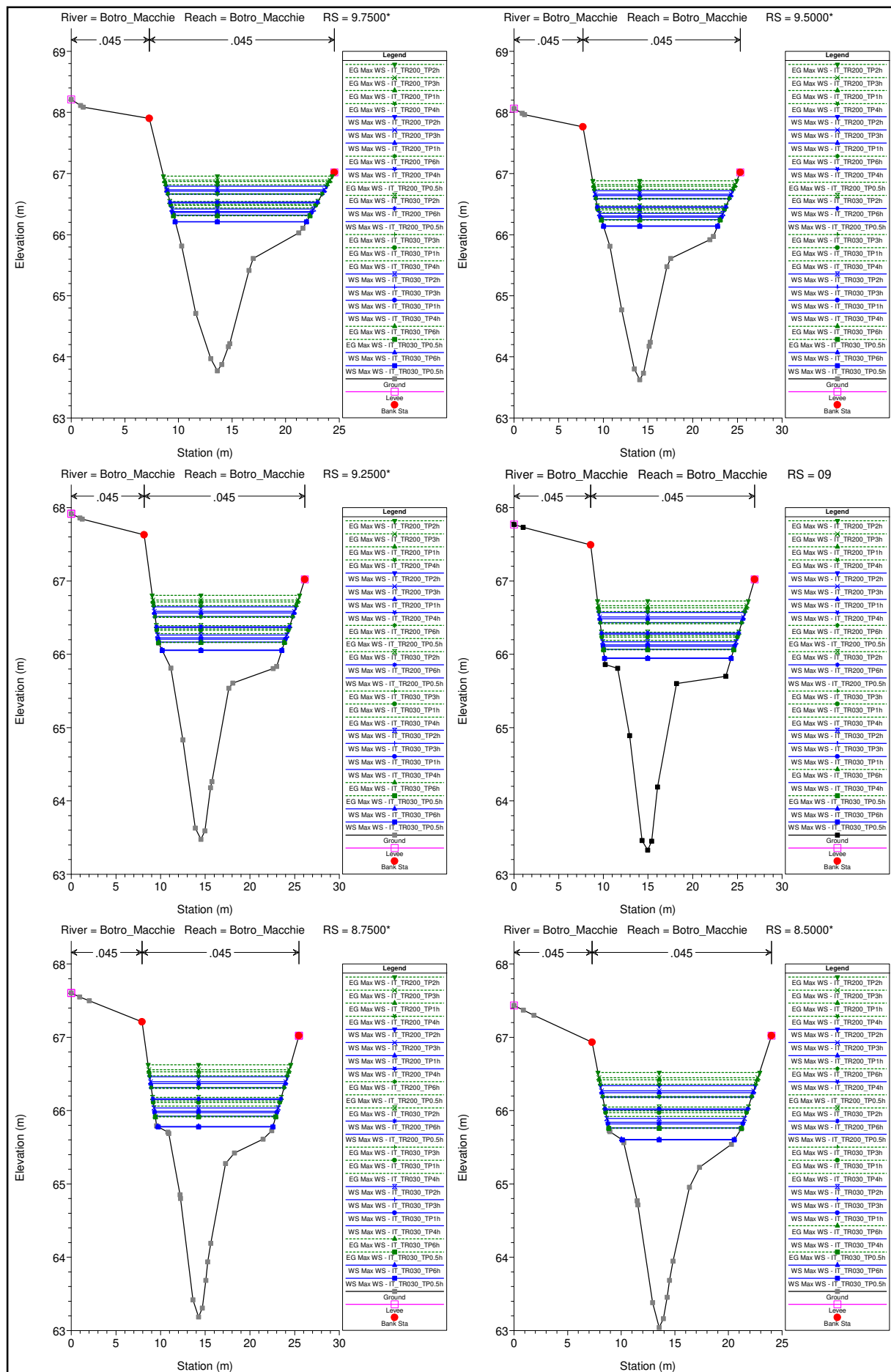


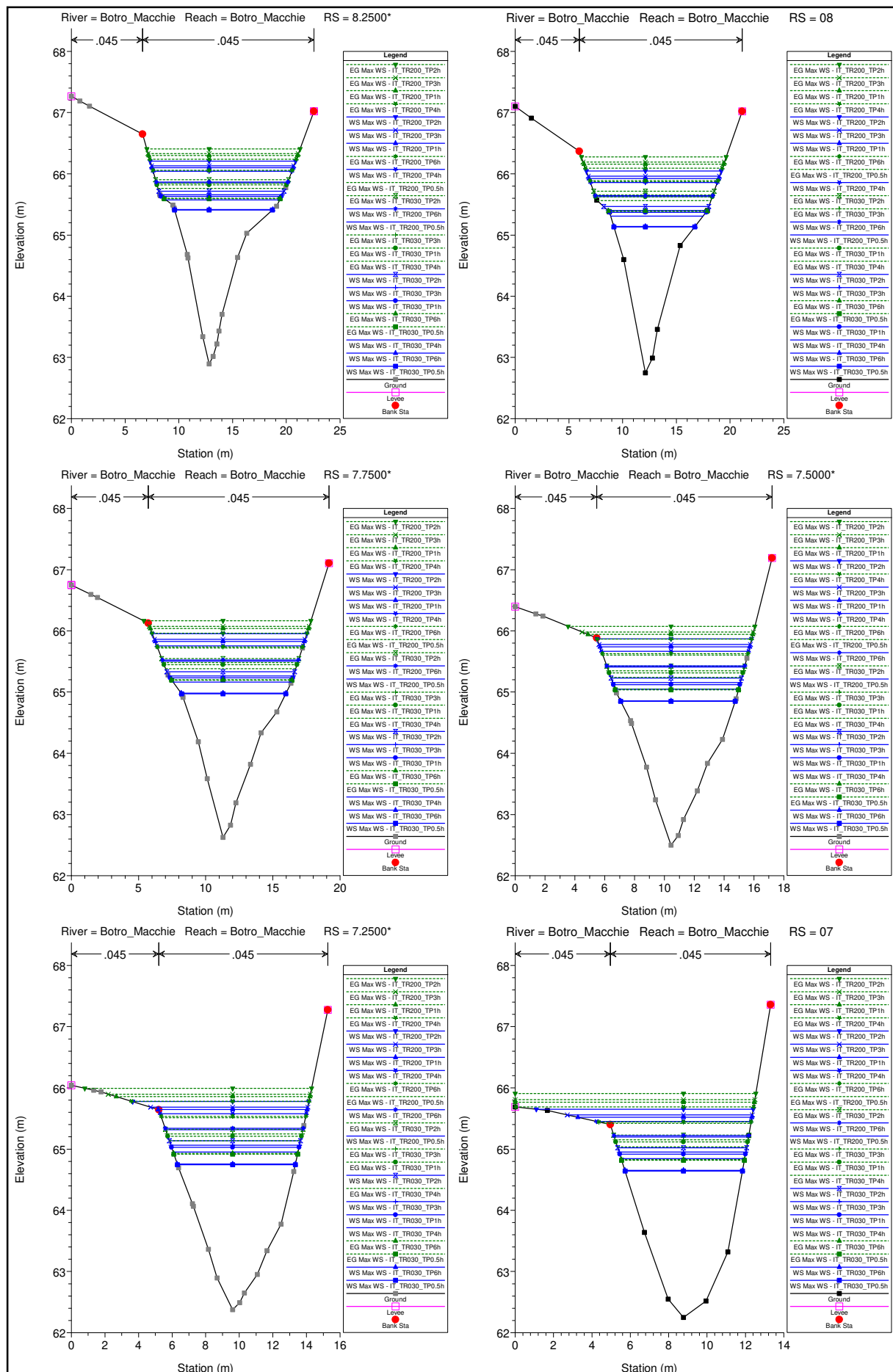


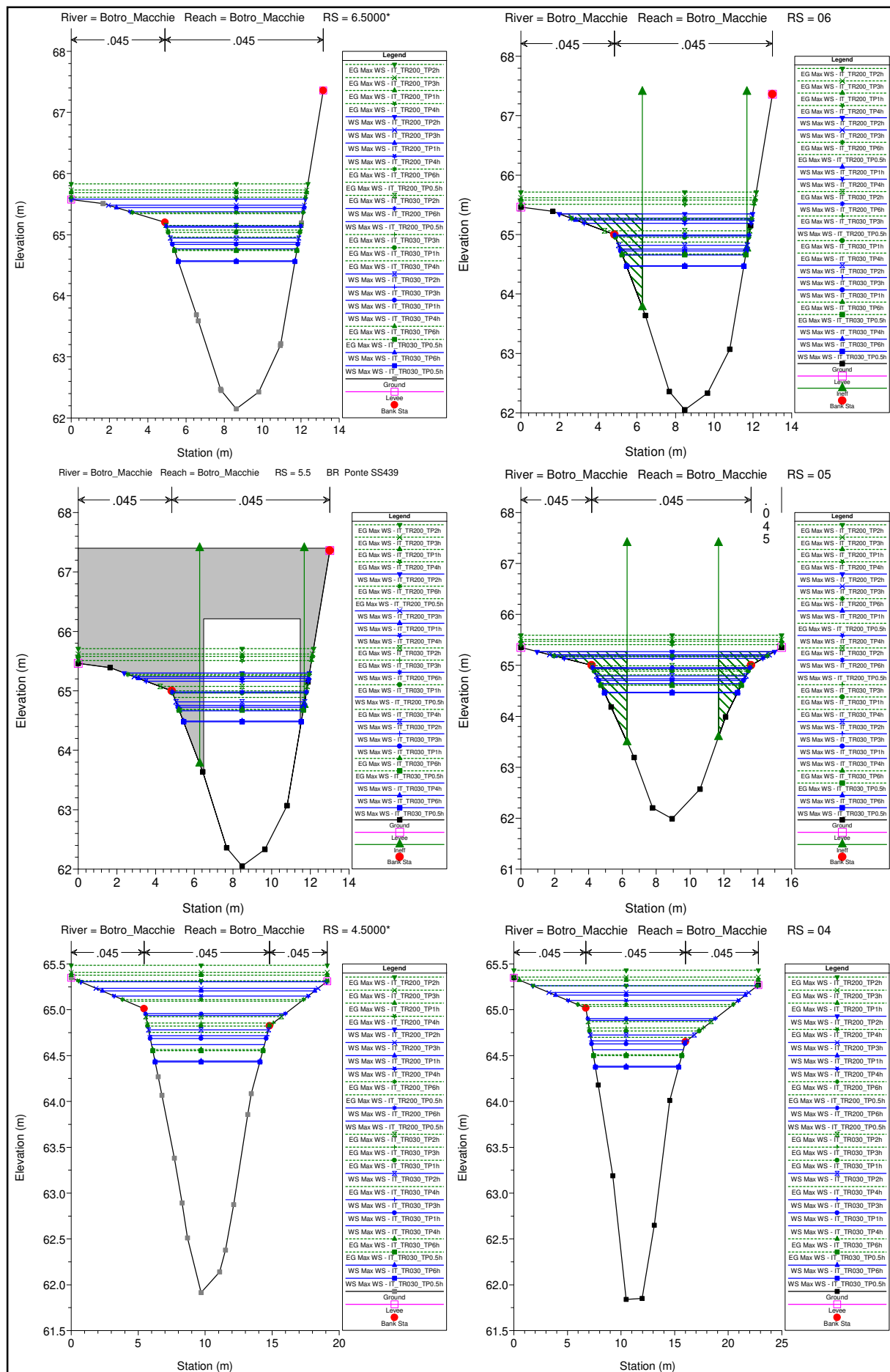


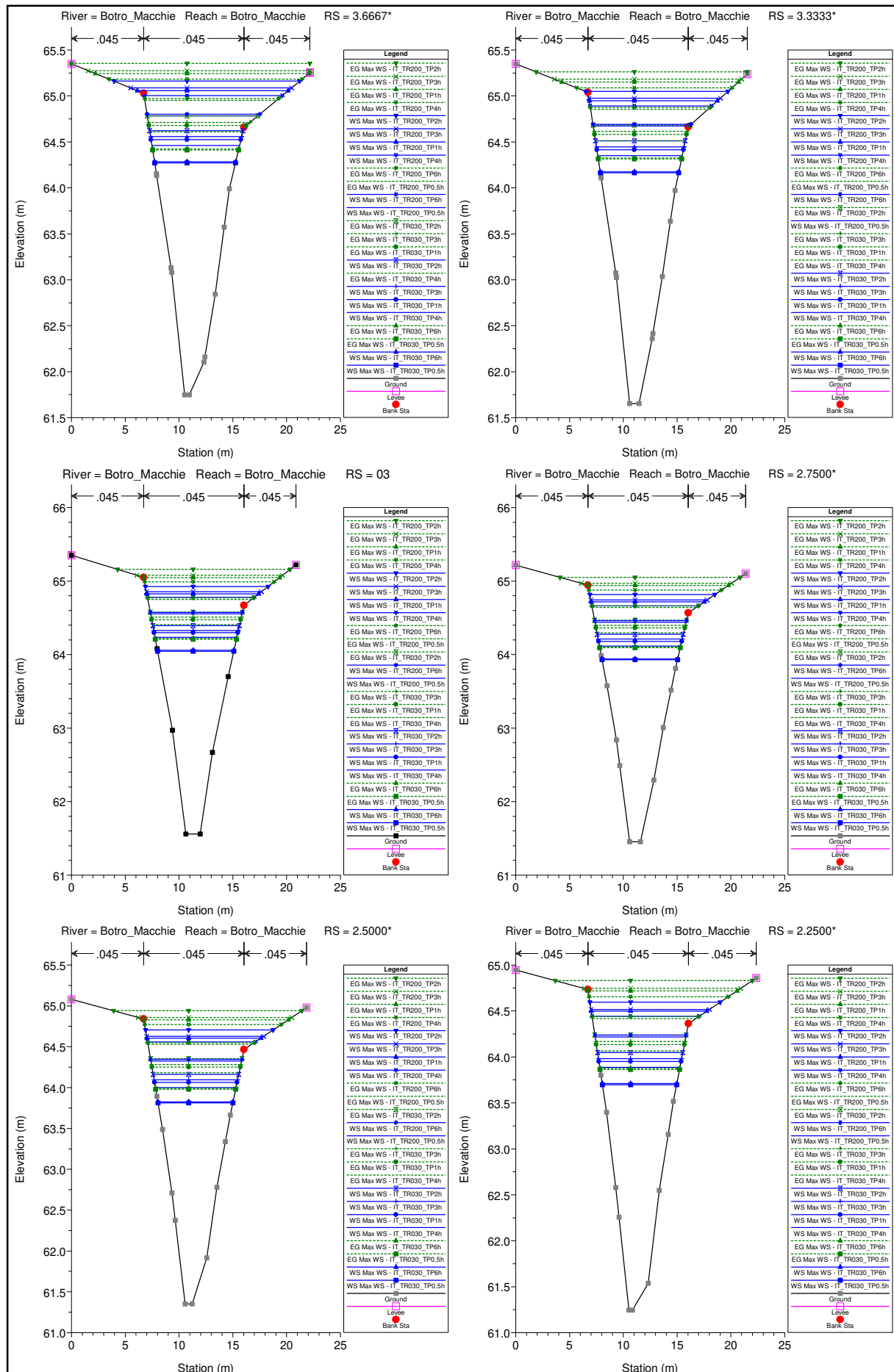


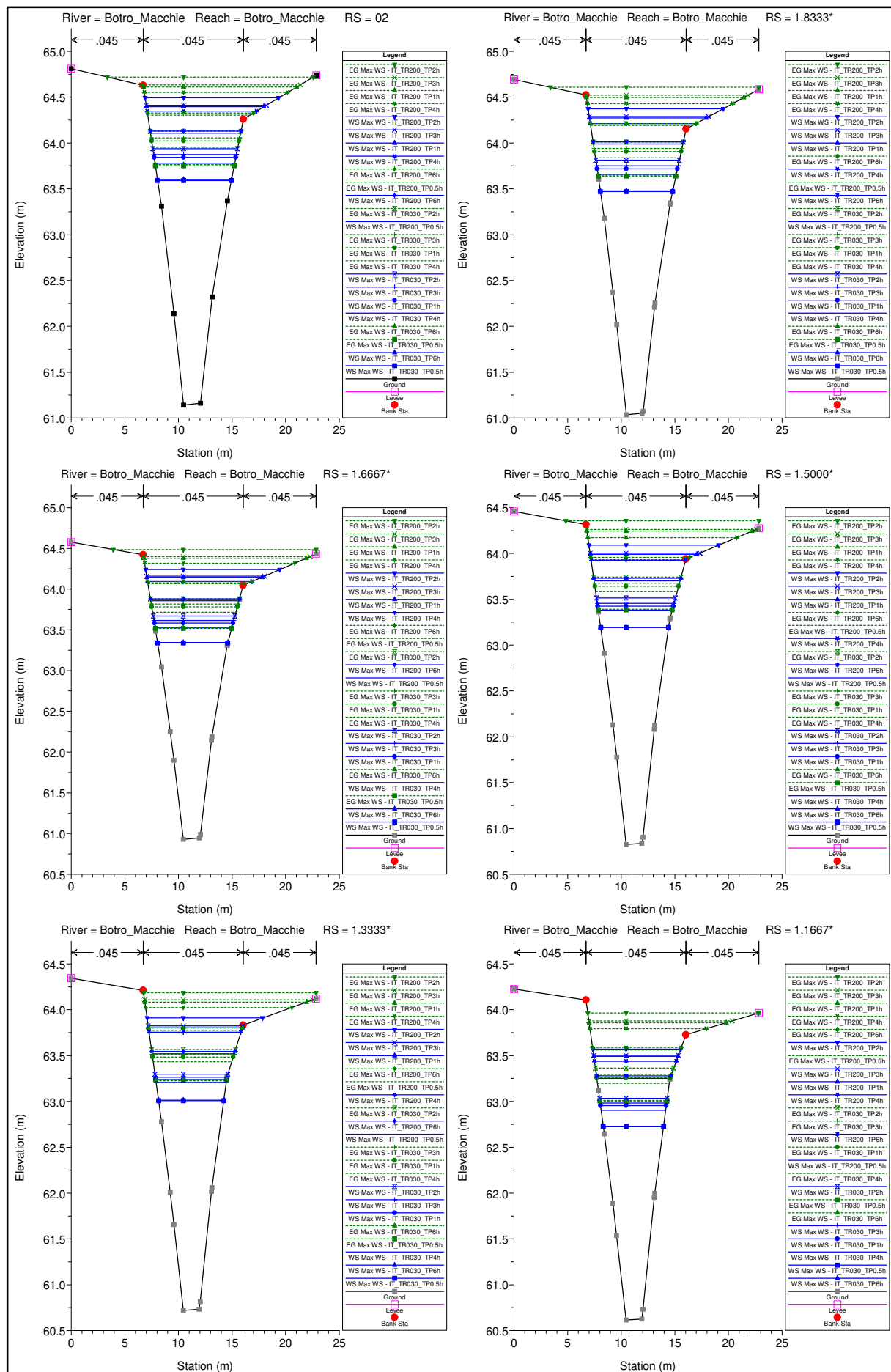


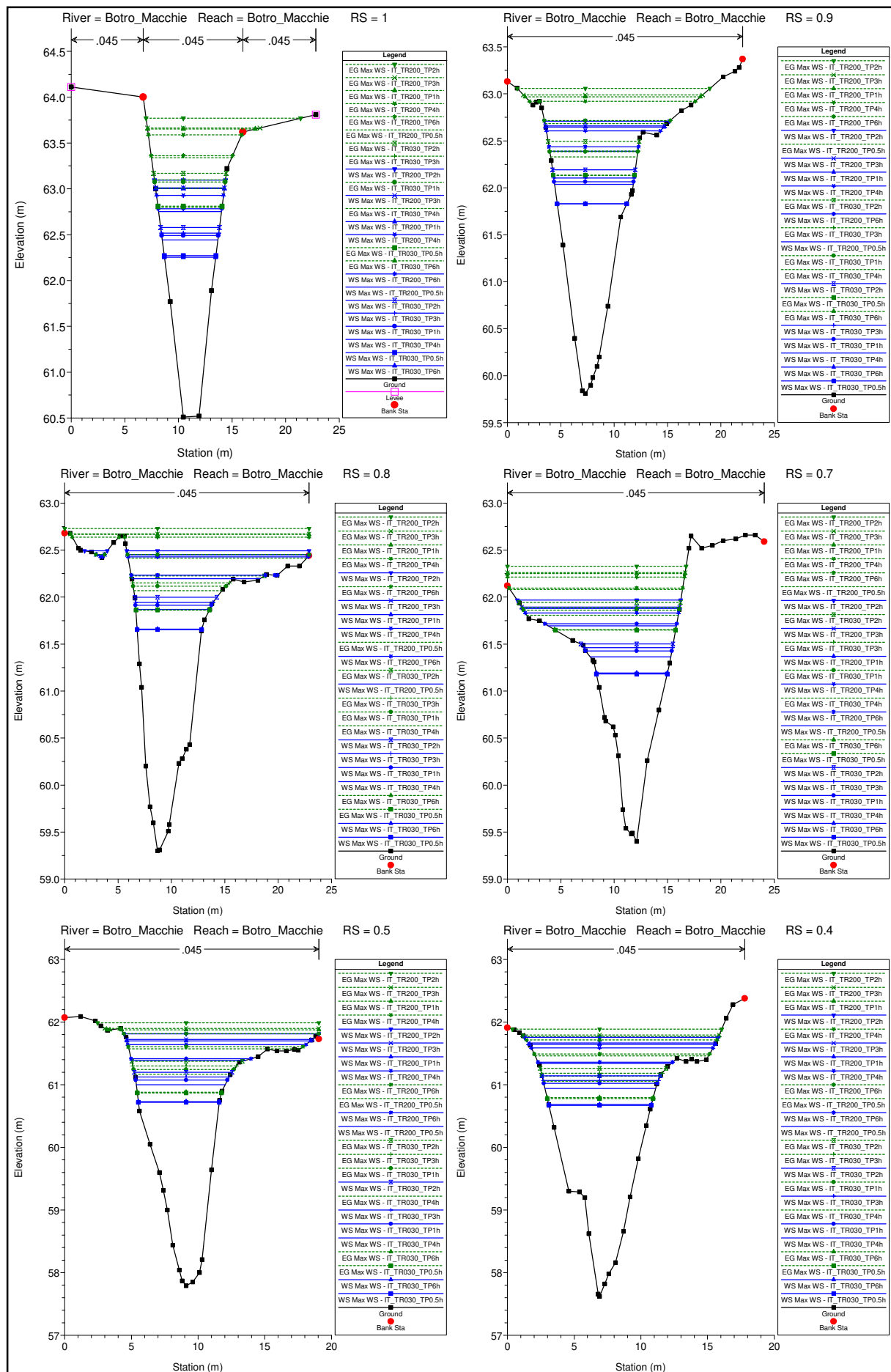


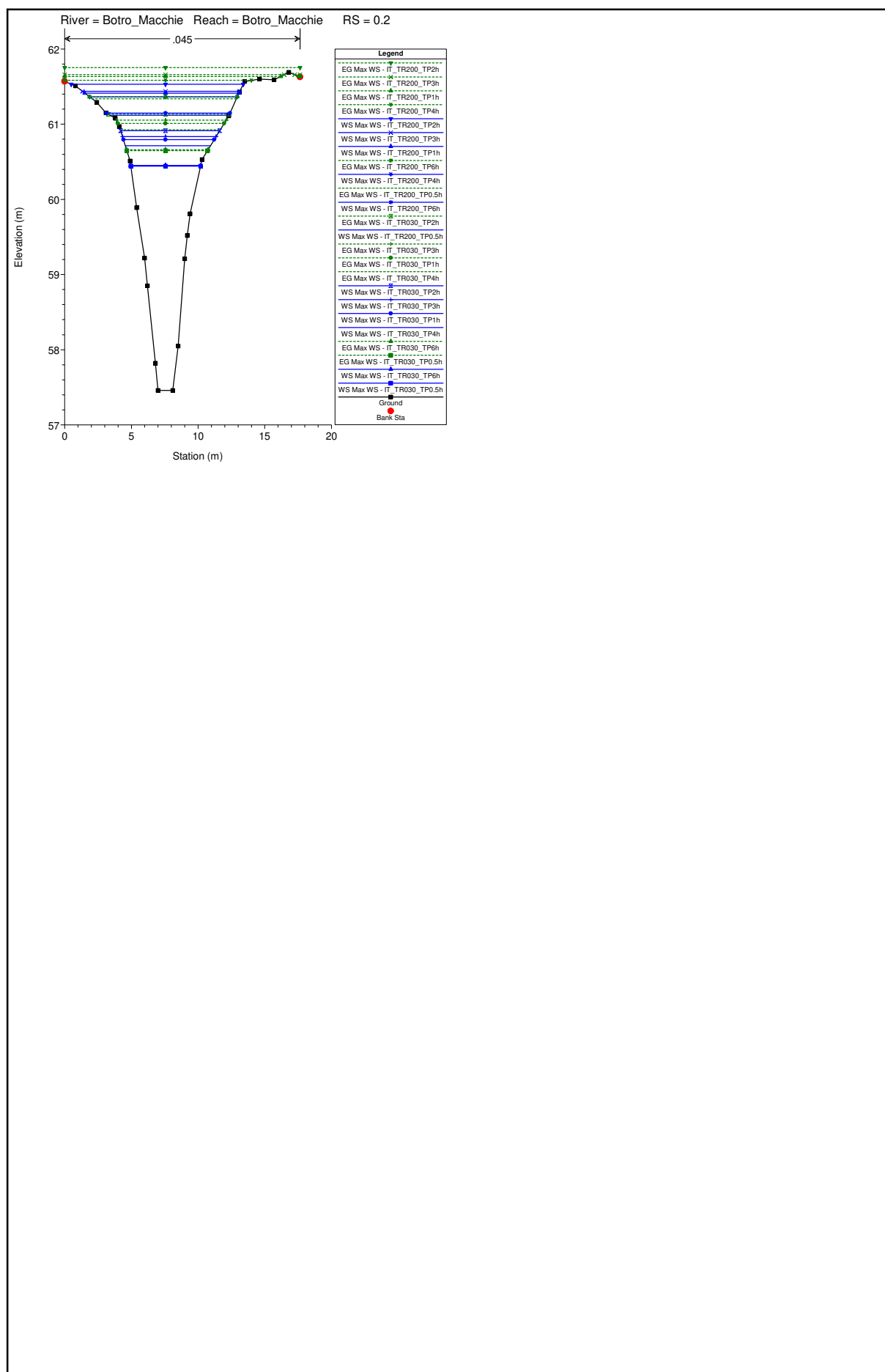












HEC-RAS River: Botro_Macchie Reach: Botro_Macchie Profile: Max WS

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
Botro_Macchie	20	Max WS	IT_TR200_TP0.5h	27.13	69.88	72.36		72.63	0.007742	2.31	12.09	12.00	0.59
Botro_Macchie	20	Max WS	IT_TR200_TP1h	34.03	69.88	72.56		72.87	0.007736	2.50	14.71	14.07	0.60
Botro_Macchie	20	Max WS	IT_TR200_TP2h	36.89	69.88	72.63		72.95	0.007734	2.57	15.72	14.38	0.61
Botro_Macchie	20	Max WS	IT_TR200_TP3h	34.83	69.88	72.58		72.89	0.007730	2.52	15.00	14.16	0.61
Botro_Macchie	20	Max WS	IT_TR030_TP0.5h	17.50	69.88	71.95		72.16	0.007763	2.02	8.65	6.84	0.57
Botro_Macchie	20	Max WS	IT_TR030_TP1h	21.88	69.88	72.18		72.41	0.007800	2.13	10.26	7.51	0.58
Botro_Macchie	20	Max WS	IT_TR030_TP2h	23.76	69.88	72.25		72.49	0.007746	2.20	10.87	9.26	0.59
Botro_Macchie	20	Max WS	IT_TR030_TP3h	22.41	69.88	72.20		72.43	0.007751	2.15	10.44	8.01	0.58
Botro_Macchie	20	Max WS	IT_TR200_TP4h	32.11	69.88	72.51		72.81	0.007727	2.45	14.02	13.86	0.60
Botro_Macchie	20	Max WS	IT_TR200_TP6h	27.42	69.88	72.37		72.64	0.007741	2.32	12.20	12.19	0.59
Botro_Macchie	20	Max WS	IT_TR030_TP4h	20.65	69.88	72.12		72.34	0.007765	2.10	9.83	7.33	0.58
Botro_Macchie	20	Max WS	IT_TR030_TP6h	17.60	69.88	71.96		72.17	0.007758	2.02	8.69	6.86	0.57
Botro_Macchie	19.99												
Botro_Macchie	19.98												
Botro_Macchie	19.750'	Max WS	IT_TR200_TP0.5h	27.13	69.74	72.23		72.50	0.007758	2.31	12.07	11.98	0.59
Botro_Macchie	19.750'	Max WS	IT_TR200_TP1h	34.02	69.74	72.42		72.73	0.007745	2.50	14.70	14.07	0.60
Botro_Macchie	19.750'	Max WS	IT_TR200_TP2h	36.88	69.74	72.49		72.82	0.007745	2.57	15.72	14.38	0.61
Botro_Macchie	19.750'	Max WS	IT_TR200_TP3h	34.83	69.74	72.44		72.76	0.007741	2.52	14.99	14.16	0.61
Botro_Macchie	19.750'	Max WS	IT_TR030_TP0.5h	17.50	69.74	71.82		72.02	0.007786	2.02	8.64	6.84	0.57
Botro_Macchie	19.750'	Max WS	IT_TR030_TP1h	21.88	69.74	72.04		72.27	0.007822	2.13	10.25	7.50	0.58
Botro_Macchie	19.750'	Max WS	IT_TR030_TP2h	23.76	69.74	72.11		72.36	0.007769	2.20	10.85	9.23	0.59
Botro_Macchie	19.750'	Max WS	IT_TR030_TP3h	22.41	69.74	72.06		72.30	0.007780	2.15	10.43	7.97	0.58
Botro_Macchie	19.750'	Max WS	IT_TR200_TP4h	32.11	69.74	72.37		72.67	0.007739	2.45	14.01	13.86	0.60
Botro_Macchie	19.750'	Max WS	IT_TR200_TP6h	27.42	69.74	72.24		72.51	0.007758	2.32	12.19	12.17	0.59
Botro_Macchie	19.750'	Max WS	IT_TR030_TP4h	20.65	69.74	71.98		72.21	0.007788	2.10	9.82	7.33	0.58
Botro_Macchie	19.750'	Max WS	IT_TR030_TP6h	17.60	69.74	71.82		72.03	0.007783	2.03	8.68	6.85	0.57
Botro_Macchie	19.500'	Max WS	IT_TR200_TP0.5h	27.12	69.61	72.09		72.36	0.007789	2.32	12.05	11.95	0.59
Botro_Macchie	19.500'	Max WS	IT_TR200_TP1h	34.02	69.61	72.29		72.60	0.007765	2.50	14.68	14.07	0.61
Botro_Macchie	19.500'	Max WS	IT_TR200_TP2h	36.88	69.61	72.36		72.68	0.007771	2.57	15.69	14.37	0.61
Botro_Macchie	19.500'	Max WS	IT_TR200_TP3h	34.83	69.61	72.31		72.62	0.007767	2.52	14.97	14.15	0.61
Botro_Macchie	19.500'	Max WS	IT_TR030_TP0.5h	17.49	69.61	71.68		71.89	0.007819	2.03	8.63	6.83	0.58
Botro_Macchie	19.500'	Max WS	IT_TR030_TP1h	21.88	69.61	71.90		72.13	0.007858	2.14	10.23	7.50	0.58
Botro_Macchie	19.500'	Max WS	IT_TR030_TP2h	23.75	69.61	71.98		72.22	0.007802	2.20	10.84	9.18	0.59
Botro_Macchie	19.500'	Max WS	IT_TR030_TP3h	22.41	69.61	71.93		72.16	0.007826	2.15	10.41	7.91	0.58
Botro_Macchie	19.500'	Max WS	IT_TR200_TP4h	32.11	69.61	72.24		72.54	0.007760	2.46	13.99	13.86	0.60
Botro_Macchie	19.500'	Max WS	IT_TR200_TP6h	27.42	69.61	72.10		72.37	0.007785	2.32	12.17	12.14	0.59
Botro_Macchie	19.500'	Max WS	IT_TR030_TP4h	20.65	69.61	71.84		72.07	0.007820	2.11	9.80	7.32	0.58
Botro_Macchie	19.500'	Max WS	IT_TR030_TP6h	17.60	69.61	71.68		71.89	0.007817	2.03	8.67	6.85	0.58
Botro_Macchie	19.250'	Max WS	IT_TR200_TP0.5h	27.12	69.47	71.95		72.22	0.007844	2.32	12.02	11.88	0.60
Botro_Macchie	19.250'	Max WS	IT_TR200_TP1h	34.02	69.47	72.15		72.46	0.007819	2.51	14.64	14.05	0.61
Botro_Macchie	19.250'	Max WS	IT_TR200_TP2h	36.88	69.47	72.22		72.54	0.007819	2.58	15.65	14.36	0.61
Botro_Macchie	19.250'	Max WS	IT_TR200_TP3h	34.83	69.47	72.17		72.48	0.007816	2.53	14.93	14.14	0.61
Botro_Macchie	19.250'	Max WS	IT_TR030_TP0.5h	17.49	69.47	71.54		71.75	0.007878	2.03	8.60	6.82	0.58
Botro_Macchie	19.250'	Max WS	IT_TR030_TP1h	21.88	69.47	71.76		72.00	0.007913	2.14	10.20	7.48	0.59
Botro_Macchie	19.250'	Max WS	IT_TR030_TP2h	23.75	69.47	71.84		72.08	0.007870	2.21	10.80	9.09	0.59
Botro_Macchie	19.250'	Max WS	IT_TR030_TP3h	22.41	69.47	71.79		72.02	0.007895	2.16	10.38	7.82	0.59
Botro_Macchie	19.250'	Max WS	IT_TR200_TP4h	32.11	69.47	72.10		72.40	0.007810	2.46	13.95	13.84	0.60
Botro_Macchie	19.250'	Max WS	IT_TR200_TP6h	27.42	69.47	71.96		72.24	0.007841	2.33	12.13	12.08	0.60
Botro_Macchie	19.250'	Max WS	IT_TR030_TP4h	20.65	69.47	71.71		71.93	0.007876	2.11	9.78	7.31	0.58
Botro_Macchie	19.250'	Max WS	IT_TR030_TP6h	17.60	69.47	71.55		71.76	0.007876	2.04	8.64	6.84	0.58
Botro_Macchie	19	Max WS	IT_TR200_TP0.5h	27.12	69.34	71.81		72.09	0.007955	2.33	11.94	11.76	0.60
Botro_Macchie	19	Max WS	IT_TR200_TP1h	34.01	69.34	72.01		72.32	0.007933	2.52	14.55	14.03	0.61
Botro_Macchie	19	Max WS	IT_TR200_TP2h	36.88	69.34	72.08		72.41	0.007932	2.59	15.56	14.33	0.62
Botro_Macchie	19	Max WS	IT_TR200_TP3h	34.83	69.34	72.03		72.35	0.007926	2.54	14.85	14.12	0.61
Botro_Macchie	19	Max WS	IT_TR030_TP0.5h	17.49	69.34	71.40		71.61	0.007973	2.04	8.56	6.80	0.58
Botro_Macchie	19	Max WS	IT_TR030_TP1h	21.88	69.34	71.62		71.86	0.008006	2.15	10.16	7.47	0.59
Botro_Macchie	19	Max WS	IT_TR030_TP2h	23.75	69.34	71.70		71.95	0.007979	2.22	10.75	8.94	0.59
Botro_Macchie	19	Max WS	IT_TR030_TP3h	22.41	69.34	71.65		71.89	0.008013	2.17	10.33	7.66	0.59
Botro_Macchie	19	Max WS	IT_TR200_TP4h	32.11	69.34	71.96		72.26	0.007927	2.47	13.86	13.82	0.61
Botro_Macchie	19	Max WS	IT_TR200_TP6h	27.42	69.34	71.82		72.10	0.007947	2.34	12.06	11.96	0.60
Botro_Macchie	19	Max WS	IT_TR030_TP4h	20.65	69.34	71.56		71.79	0.007965	2.12	9.73	7.30	0.59
Botro_Macchie	19	Max WS	IT_TR030_TP6h	17.59	69.34	71.40		71.62	0.007971	2.05	8.60	6.82	0.58
Botro_Macchie	18.909'	Max WS	IT_TR200_TP0.5h	27.12	69.19	71.66		71.94	0.007916	2.33	11.97	11.78	0.60
Botro_Macchie	18.909'	Max WS	IT_TR200_TP1h	34.01	69.19	71.86		72.17	0.007880	2.52	14.59	14.04	0.61
Botro_Macchie	18.909'	Max WS	IT_TR200_TP2h	36.88	69.19	71.93		72.26	0.007880	2.58	15.60	14.34	0.61
Botro_Macchie	18.909'	Max WS	IT_TR200_TP3h	34.82	69.19	71.88		72.20	0.007875	2.54	14.88	14.13	0.61
Botro_Macchie	18.909'	Max WS	IT_TR030_TP0.5h	17.49	69.19	71.25		71.46	0.007953	2.04	8.57	6.80	0.58
Botro_Macchie	18.909'	Max WS	IT_TR030_TP1h	21.88	69.19	71.47		71.71	0.007988	2.15	10.17	7.47	0.59
Botro_Macchie	18.909'	Max WS	IT_TR030_TP2h	23.75	69.19	71.55		71.80	0.007957	2.21	10.76	8.97	0.59
Botro_Macchie	18.909'	Max WS	IT_TR030_TP3h	22.41	69.19	71.50		71.74	0.007992	2.17	10.34	7.68	0.59
Botro_Macchie	18.909'	Max WS	IT_TR200_TP4h	32.11	69.19	71.81		72.11	0.007870	2.47	13.90	13.83	0.61
Botro_Macchie	18.909'	Max WS	IT_TR200_TP6h	27.42	69.19	71.67		71.95	0.007910	2.34	12.09	11.98	0.60
Botro_Macchie	18.909'	Max WS	IT_TR030_TP4h	20.65	69.19	71.42		71.65	0.007947	2.12	9.74	7.30	0.59
Botro_Macchie	18.909'	Max WS	IT_TR030_TP6h	17.59	69.19	71.26		71.47	0.007951	2.04	8.61	6.82	0.58
Botro_Macchie	18.818'	Max WS	IT_TR200_TP0.5h	27.11	69.04	71.52		71.79	0.007852	2.32	12.01	11.84	0.60
Botro_Macchie	18.818'	Max WS	IT_TR200_TP1h	34.00	69.04	71.72		72.03	0.007785	2.51	14.66	14.06	0.61
Botro_Macchie	18.818'	Max WS	IT_TR200_TP2h	36.86	69.04	71.79		72.11	0.007786	2.57	15.67	14.36	0.61
Botro_Macchie	18.818'	Max WS	IT_TR200_TP3h	34.82	69.04	71.74		72.05	0.007778	2.52	14.96	14.15	0.61
Botro_Macchie	18.818'	Max WS	IT_TR030_TP0.5h	17.49	69.04	71.10		71.32	0.007923	2.04	8.58	6.81	0.58
Botro_Macchie	18.818'	Max WS	IT_TR030_TP1h	21.87	69.04	71.33		71.56	0.007964	2.15	10.18	7.47	0.59
Botro_Macchie	18.818'	Max WS	IT_TR030_TP2h	23.75	69.04	71.40		71.65	0.007922	2.21	10.78	9.01	0.59
Botro_Macchie	18.818'	Max WS	IT_TR030_TP3h	22.41	69.04	71.35		71.59	0.007956	2.16	10.36	7.73	0.59
Botro_Macchie	18.818'	Max WS	IT_TR200_TP4h	32.11	69.04	71.67		71.97	0.007771	2.46	13.98	13.85	0.60
Botro_Macchie	18.818'	Max WS	IT_TR200_TP6h	27.42	69.04	71.53		71.80	0.007837	2.33	12.13	12.05	0.60
Botro_Macchie	18.818'	Max WS	IT_TR030_TP4h	20.65	69.04	71.27		71.50	0.007914	2.12	9.76	7.31	0.58
Botro_Macchie	18.818'	Max WS	IT_TR030_TP6h	17.59	69.04	71.11		71.32	0.007922	2.04	8.62	6.83	0.58
Botro_Macchie	18.727'	Max WS	IT_TR200_TP0.5h	27.11	68.89	71.37		71.64	0.007752	2.31	12.07	11.93	0.59
Botro_Macchie	18.727'	Max WS	IT_TR200_TP1h	33.99	68.89	71.58		71.88	0.007623	2.49	14.78	14.10	0.60

HEC-RAS River: Botro_Macchie Reach: Botro_Macchie 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
Botro_Macchie	18.727*	Max WS	IT_TR030_TP2h	23.75	68.89	71.25		71.50	0.007865	2.21	10.80	9.09	0.59
Botro_Macchie	18.727*	Max WS	IT_TR030_TP3h	22.41	68.89	71.20		71.44	0.007910	2.16	10.38	7.79	0.59
Botro_Macchie	18.727*	Max WS	IT_TR200_TP4h	32.11	68.89	71.53		71.82	0.007609	2.44	14.10	13.89	0.60
Botro_Macchie	18.727*	Max WS	IT_TR200_TP6h	27.42	68.89	71.39		71.66	0.007733	2.32	12.20	12.14	0.59
Botro_Macchie	18.727*	Max WS	IT_TR030_TP4h	20.65	68.89	71.12		71.35	0.007868	2.11	9.78	7.31	0.58
Botro_Macchie	18.727*	Max WS	IT_TR030_TP6h	17.59	68.89	70.96		71.17	0.007883	2.04	8.64	6.83	0.58
Botro_Macchie	18.636*	Max WS	IT_TR200_TP0.5h	27.11	68.74	71.23		71.50	0.007593	2.30	12.18	12.08	0.59
Botro_Macchie	18.636*	Max WS	IT_TR200_TP1h	33.72	68.74	71.46		71.74	0.007006	2.41	15.21	14.23	0.58
Botro_Macchie	18.636*	Max WS	IT_TR200_TP2h	36.25	68.74	71.55		71.83	0.006656	2.43	16.47	14.60	0.57
Botro_Macchie	18.636*	Max WS	IT_TR200_TP3h	34.47	68.74	71.48		71.77	0.006904	2.42	15.58	14.34	0.57
Botro_Macchie	18.636*	Max WS	IT_TR030_TP0.5h	17.49	68.74	70.81		71.02	0.007815	2.03	8.63	6.83	0.58
Botro_Macchie	18.636*	Max WS	IT_TR030_TP1h	21.87	68.74	71.03		71.27	0.007865	2.14	10.22	7.49	0.58
Botro_Macchie	18.636*	Max WS	IT_TR030_TP2h	23.75	68.74	71.11		71.36	0.007779	2.20	10.85	9.21	0.59
Botro_Macchie	18.636*	Max WS	IT_TR030_TP3h	22.41	68.74	71.06		71.30	0.007840	2.15	10.40	7.89	0.59
Botro_Macchie	18.636*	Max WS	IT_TR200_TP4h	32.00	68.74	71.40		71.68	0.007203	2.39	14.39	13.98	0.58
Botro_Macchie	18.636*	Max WS	IT_TR200_TP6h	27.42	68.74	71.25		71.51	0.007565	2.30	12.32	12.30	0.59
Botro_Macchie	18.636*	Max WS	IT_TR030_TP4h	20.64	68.74	70.98		71.21	0.007797	2.10	9.81	7.33	0.58
Botro_Macchie	18.636*	Max WS	IT_TR030_TP6h	17.59	68.74	70.82		71.03	0.007814	2.03	8.67	6.85	0.58
Botro_Macchie	18.545*	Max WS	IT_TR200_TP0.5h	27.10	68.59	71.10		71.36	0.007350	2.27	12.35	12.32	0.58
Botro_Macchie	18.545*	Max WS	IT_TR200_TP1h	33.33	68.59	71.36		71.62	0.006069	2.29	15.97	14.46	0.54
Botro_Macchie	18.545*	Max WS	IT_TR200_TP2h	35.81	68.59	71.46		71.71	0.005667	2.29	17.40	14.87	0.53
Botro_Macchie	18.545*	Max WS	IT_TR200_TP3h	34.07	68.59	71.39		71.65	0.005958	2.29	16.38	14.58	0.54
Botro_Macchie	18.545*	Max WS	IT_TR030_TP0.5h	17.49	68.59	70.67		70.88	0.007718	2.02	8.67	6.85	0.57
Botro_Macchie	18.545*	Max WS	IT_TR030_TP1h	21.87	68.59	70.89		71.12	0.007780	2.13	10.27	7.51	0.58
Botro_Macchie	18.545*	Max WS	IT_TR030_TP2h	23.75	68.59	70.97		71.21	0.007647	2.19	10.91	9.39	0.58
Botro_Macchie	18.545*	Max WS	IT_TR030_TP3h	22.41	68.59	70.92		71.15	0.007733	2.15	10.45	8.03	0.58
Botro_Macchie	18.545*	Max WS	IT_TR200_TP4h	31.73	68.59	71.29		71.55	0.006425	2.30	14.99	14.16	0.55
Botro_Macchie	18.545*	Max WS	IT_TR200_TP6h	27.42	68.59	71.11		71.37	0.007314	2.28	12.50	12.54	0.58
Botro_Macchie	18.545*	Max WS	IT_TR030_TP4h	20.64	68.59	70.84		71.06	0.007701	2.09	9.86	7.35	0.58
Botro_Macchie	18.545*	Max WS	IT_TR030_TP6h	17.59	68.59	70.67		70.88	0.007724	2.02	8.71	6.86	0.57
Botro_Macchie	18.455*	Max WS	IT_TR200_TP0.5h	27.10	68.44	70.97		71.22	0.006970	2.23	12.63	12.70	0.56
Botro_Macchie	18.455*	Max WS	IT_TR200_TP1h	33.76	68.44	71.25		71.50	0.005672	2.25	16.58	14.64	0.52
Botro_Macchie	18.455*	Max WS	IT_TR200_TP2h	36.36	68.44	71.36		71.60	0.005248	2.24	18.14	14.89	0.51
Botro_Macchie	18.455*	Max WS	IT_TR200_TP3h	34.54	68.44	71.29		71.53	0.005560	2.25	17.03	14.76	0.52
Botro_Macchie	18.455*	Max WS	IT_TR030_TP0.5h	17.47	68.44	70.53		70.73	0.007539	2.00	8.74	6.88	0.57
Botro_Macchie	18.455*	Max WS	IT_TR030_TP1h	21.87	68.44	70.75		70.98	0.007609	2.11	10.34	7.68	0.58
Botro_Macchie	18.455*	Max WS	IT_TR030_TP2h	23.75	68.44	70.83		71.07	0.007414	2.17	11.04	9.73	0.57
Botro_Macchie	18.455*	Max WS	IT_TR030_TP3h	22.41	68.44	70.78		71.01	0.007542	2.13	10.53	8.30	0.57
Botro_Macchie	18.455*	Max WS	IT_TR200_TP4h	31.99	68.44	71.18		71.43	0.005975	2.25	15.54	14.33	0.53
Botro_Macchie	18.455*	Max WS	IT_TR200_TP6h	27.42	68.44	70.99		71.24	0.006918	2.24	12.80	12.93	0.56
Botro_Macchie	18.455*	Max WS	IT_TR030_TP4h	20.64	68.44	70.70		70.92	0.007542	2.08	9.94	7.38	0.57
Botro_Macchie	18.455*	Max WS	IT_TR030_TP6h	17.59	68.44	70.53		70.74	0.007562	2.00	8.78	6.90	0.57
Botro_Macchie	18.364	Max WS	IT_TR200_TP0.5h	27.10	68.30	70.84		71.09	0.007370	2.22	12.29	9.08	0.58
Botro_Macchie	18.364	Max WS	IT_TR200_TP1h	33.97	68.30	71.09		71.37	0.007287	2.36	14.76	10.71	0.59
Botro_Macchie	18.364	Max WS	IT_TR200_TP2h	36.83	68.30	71.17		71.47	0.007350	2.42	15.70	11.24	0.59
Botro_Macchie	18.364	Max WS	IT_TR200_TP3h	34.70	68.30	71.11		71.39	0.007267	2.37	15.03	10.87	0.59
Botro_Macchie	18.364	Max WS	IT_TR030_TP0.5h	17.46	68.30	70.39		70.59	0.007327	1.98	8.83	6.92	0.56
Botro_Macchie	18.364	Max WS	IT_TR030_TP1h	21.87	68.30	70.61		70.84	0.007432	2.10	10.44	7.64	0.57
Botro_Macchie	18.364	Max WS	IT_TR030_TP2h	23.75	68.30	70.70		70.93	0.007411	2.14	11.09	8.18	0.57
Botro_Macchie	18.364	Max WS	IT_TR030_TP3h	22.41	68.30	70.64		70.87	0.007427	2.11	10.62	7.80	0.57
Botro_Macchie	18.364	Max WS	IT_TR200_TP4h	32.10	68.30	71.03		71.30	0.007257	2.32	14.13	10.32	0.58
Botro_Macchie	18.364	Max WS	IT_TR200_TP6h	27.42	68.30	70.85		71.10	0.007364	2.23	12.40	9.17	0.58
Botro_Macchie	18.364	Max WS	IT_TR030_TP4h	20.64	68.30	70.56		70.78	0.007343	2.06	10.04	7.42	0.56
Botro_Macchie	18.364	Max WS	IT_TR030_TP6h	17.59	68.30	70.40		70.60	0.007363	1.98	8.87	6.93	0.56
Botro_Macchie	18.273*	Max WS	IT_TR200_TP0.5h	27.10	68.15	70.71		70.95	0.007037	2.20	12.45	9.10	0.57
Botro_Macchie	18.273*	Max WS	IT_TR200_TP1h	33.97	68.15	70.96		71.23	0.006935	2.33	14.93	10.63	0.57
Botro_Macchie	18.273*	Max WS	IT_TR200_TP2h	36.81	68.15	71.04		71.33	0.007012	2.40	15.84	11.03	0.58
Botro_Macchie	18.273*	Max WS	IT_TR200_TP3h	34.68	68.15	70.98		71.26	0.006909	2.35	15.20	10.78	0.57
Botro_Macchie	18.273*	Max WS	IT_TR030_TP0.5h	17.44	68.15	70.26		70.46	0.007036	1.95	8.97	6.98	0.55
Botro_Macchie	18.273*	Max WS	IT_TR030_TP1h	21.86	68.15	70.48		70.70	0.007163	2.07	10.57	7.74	0.56
Botro_Macchie	18.273*	Max WS	IT_TR030_TP2h	23.74	68.15	70.57		70.80	0.007111	2.12	11.24	8.25	0.56
Botro_Macchie	18.273*	Max WS	IT_TR030_TP3h	22.41	68.15	70.51		70.73	0.007143	2.08	10.76	7.89	0.56
Botro_Macchie	18.273*	Max WS	IT_TR200_TP4h	32.10	68.15	70.90		71.16	0.006892	2.29	14.31	10.27	0.57
Botro_Macchie	18.273*	Max WS	IT_TR200_TP6h	27.42	68.15	70.72		70.97	0.007030	2.20	12.56	9.17	0.57
Botro_Macchie	18.273*	Max WS	IT_TR030_TP4h	20.62	68.15	70.43		70.64	0.007065	2.02	10.19	7.48	0.55
Botro_Macchie	18.273*	Max WS	IT_TR030_TP6h	17.59	68.15	70.27		70.46	0.007093	1.96	9.00	6.99	0.55
Botro_Macchie	18.182*	Max WS	IT_TR200_TP0.5h	27.10	68.00	70.59		70.82	0.006568	2.16	12.68	9.07	0.55
Botro_Macchie	18.182*	Max WS	IT_TR200_TP1h	33.97	68.00	70.84		71.11	0.006477	2.31	15.14	10.44	0.55
Botro_Macchie	18.182*	Max WS	IT_TR200_TP2h	36.71	68.00	70.92		71.20	0.006510	2.37	16.04	10.66	0.56
Botro_Macchie	18.182*	Max WS	IT_TR200_TP3h	34.67	68.00	70.86		71.13	0.006441	2.32	15.41	10.58	0.55
Botro_Macchie	18.182*	Max WS	IT_TR030_TP0.5h	17.39	68.00	70.14		70.33	0.006618	1.90	9.16	7.06	0.53
Botro_Macchie	18.182*	Max WS	IT_TR030_TP1h	21.86	68.00	70.36		70.57	0.006770	2.03	10.76	7.85	0.55
Botro_Macchie	18.182*	Max WS	IT_TR030_TP2h	23.74	68.00	70.44		70.66	0.006683	2.08	11.45	8.31	0.55
Botro_Macchie	18.182*	Max WS	IT_TR030_TP3h	22.41	68.00	70.38		70.60	0.006745	2.05	10.96	7.98	0.55
Botro_Macchie	18.182*	Max WS	IT_TR200_TP4h	32.10	68.00	70.78		71.04	0.006408	2.26	14.55	10.13	0.55
Botro_Macchie	18.182*	Max WS	IT_TR200_TP6h	27.42	68.00	70.60		70.84	0.006561	2.17	12.80	9.14	0.55
Botro_Macchie	18.182*	Max WS	IT_TR030_TP4h	20.60	68.00	70.31		70.51	0.006674	1.98	10.39	7.59	0.54
Botro_Macchie	18.182*	Max WS	IT_TR030_TP6h	17.59	68.00	70.15		70.33	0.006735	1.92	9.18	7.07	0.54
Botro_Macchie	18.091*	Max WS	IT_TR200_TP0.5h	27.10	67.85	70.48		70.70	0.006098	2.10	13.05	9.31	0.53
Botro_Macchie	18.091*	Max WS	IT_TR200_TP1h	33.97	67.85	70.73		70.99	0.006011	2.25	15.61	10.66	0.53
Botro_Macchie	18.091*	Max WS	IT_TR200_TP2h	36.36	67.85	70.83		71.09	0.005808	2.26	16.65	10.78	0.53
Botro_Macchie	18.091*	Max WS	IT_TR200_TP3h	34.65	67.85	70.76		71.01	0.005954	2.25	15.90	10.70	0.53
Botro_Macchie	18.091*	Max WS	IT_TR030_TP0.5h	17.36	67.85	70.03		70.20	0.006121	1.84	9.43	7.17	0.51
Botro_Macchie	18.091*	Max WS	IT_TR030_TP1h	21.86	67.85	70.24		70.44	0.006299	1.98	11.03	8.04	0.53
Botro_Macchie	18.091*	Max WS	IT_TR030_TP2h	23.74	67.85	70.33		70.54	0.006208	2.03	11.76	8.52	0.53
Botro_Macchie	18.091*	Max WS	IT_TR030_TP3h	22.41	67.85	70.27		70.47	0.006270	2.00	11.24	8.18	0.53
Botro_Macchie	18.091*	Max WS	IT_TR200_TP4h	32.10	6								

HEC-RAS River: Botro_Macchie Reach: Botro_Macchie 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
Botro_Macchie	18	Max WS	IT_TR200_TP3h	34.60	67.70	70.67		70.90	0.005361	2.18	16.43	10.56	0.50
Botro_Macchie	18	Max WS	IT_TR030_TP0.5h	17.33	67.70	69.93		70.09	0.005558	1.77	9.77	7.31	0.49
Botro_Macchie	18	Max WS	IT_TR030_TP1h	21.86	67.70	70.14		70.33	0.005705	1.92	11.41	8.25	0.50
Botro_Macchie	18	Max WS	IT_TR030_TP2h	23.74	67.70	70.23		70.43	0.005615	1.97	12.16	8.71	0.50
Botro_Macchie	18	Max WS	IT_TR030_TP3h	22.41	67.70	70.17		70.36	0.005679	1.94	11.62	8.39	0.50
Botro_Macchie	18	Max WS	IT_TR200_TP4h	32.10	67.70	70.58		70.81	0.005355	2.13	15.53	10.48	0.50
Botro_Macchie	18	Max WS	IT_TR200_TP6h	27.42	67.70	70.39		70.60	0.005504	2.05	13.63	9.54	0.50
Botro_Macchie	18	Max WS	IT_TR030_TP4h	20.57	67.70	70.10		70.27	0.005527	1.86	11.05	8.03	0.49
Botro_Macchie	18	Max WS	IT_TR030_TP6h	17.59	67.70	69.93		70.09	0.005747	1.80	9.76	7.31	0.50
Botro_Macchie	17.500'	Max WS	IT_TR200_TP0.5h	27.10	67.67	70.26		70.49	0.006847	2.12	12.81	8.72	0.56
Botro_Macchie	17.500'	Max WS	IT_TR200_TP1h	33.84	67.67	70.52		70.77	0.007808	2.19	15.42	11.27	0.60
Botro_Macchie	17.500'	Max WS	IT_TR200_TP2h	36.75	67.67	70.61		70.87	0.007572	2.24	16.44	11.67	0.59
Botro_Macchie	17.500'	Max WS	IT_TR200_TP3h	34.64	67.67	70.55		70.80	0.007718	2.20	15.72	11.38	0.60
Botro_Macchie	17.500'	Max WS	IT_TR030_TP0.5h	17.28	67.67	69.81		69.99	0.006657	1.88	9.20	7.33	0.54
Botro_Macchie	17.500'	Max WS	IT_TR030_TP1h	21.36	67.67	70.02		70.22	0.006686	1.98	10.79	7.97	0.54
Botro_Macchie	17.500'	Max WS	IT_TR030_TP2h	23.74	67.67	70.11		70.33	0.006934	2.06	11.53	8.25	0.56
Botro_Macchie	17.500'	Max WS	IT_TR030_TP3h	22.41	67.67	70.04		70.26	0.006999	2.04	11.00	8.05	0.56
Botro_Macchie	17.500'	Max WS	IT_TR200_TP4h	32.10	67.67	70.46		70.70	0.007681	2.18	14.73	10.70	0.59
Botro_Macchie	17.500'	Max WS	IT_TR200_TP6h	27.42	67.67	70.27		70.50	0.006849	2.12	12.92	8.76	0.56
Botro_Macchie	17.500'	Max WS	IT_TR030_TP4h	20.55	67.67	69.98		70.18	0.006659	1.96	10.49	7.85	0.54
Botro_Macchie	17.500'	Max WS	IT_TR030_TP6h	17.19	67.67	69.81		69.99	0.006628	1.87	9.17	7.32	0.53
Botro_Macchie	17	Max WS	IT_TR200_TP0.5h	27.10	67.64	69.67	69.64	70.25	0.022680	3.35	8.09	6.61	0.97
Botro_Macchie	17	Max WS	IT_TR200_TP1h	33.84	67.64	69.92	69.88	70.52	0.022094	3.45	9.81	7.58	0.97
Botro_Macchie	17	Max WS	IT_TR200_TP2h	36.75	67.64	70.00	69.97	70.63	0.022150	3.51	10.47	7.93	0.97
Botro_Macchie	17	Max WS	IT_TR200_TP3h	34.64	67.64	69.94	69.91	70.55	0.022094	3.47	10.00	7.68	0.97
Botro_Macchie	17	Max WS	IT_TR030_TP0.5h	17.49	67.64	69.36		69.77	0.019015	2.84	6.16	5.67	0.87
Botro_Macchie	17	Max WS	IT_TR030_TP1h	21.27	67.64	69.48		69.97	0.020911	3.09	6.88	5.95	0.92
Botro_Macchie	17	Max WS	IT_TR030_TP2h	23.74	67.64	69.52	69.50	70.09	0.023461	3.32	7.15	6.05	0.98
Botro_Macchie	17	Max WS	IT_TR030_TP3h	21.09	67.64	69.48		69.96	0.020623	3.07	6.87	5.94	0.91
Botro_Macchie	17	Max WS	IT_TR200_TP4h	32.10	67.64	69.86	69.82	70.46	0.022138	3.42	9.39	7.36	0.97
Botro_Macchie	17	Max WS	IT_TR200_TP6h	27.42	67.64	69.69	69.65	70.26	0.022606	3.35	8.18	6.67	0.97
Botro_Macchie	17	Max WS	IT_TR030_TP4h	20.63	67.64	69.45		69.93	0.021000	3.07	6.71	5.88	0.92
Botro_Macchie	17	Max WS	IT_TR030_TP6h	17.59	67.64	69.36		69.77	0.018924	2.84	6.20	5.68	0.87
Botro_Macchie	16.500'	Max WS	IT_TR200_TP0.5h	27.10	67.52	69.71		69.97	0.007998	2.25	12.05	8.72	0.61
Botro_Macchie	16.500'	Max WS	IT_TR200_TP1h	33.84	67.52	69.96		70.24	0.007524	2.36	14.40	9.92	0.60
Botro_Macchie	16.500'	Max WS	IT_TR200_TP2h	36.75	67.52	70.04		70.34	0.007626	2.43	15.21	10.36	0.61
Botro_Macchie	16.500'	Max WS	IT_TR200_TP3h	34.64	67.52	69.98		70.27	0.007535	2.38	14.63	10.05	0.60
Botro_Macchie	16.500'	Max WS	IT_TR030_TP0.5h	17.49	67.52	69.36		69.55	0.006987	1.90	9.20	7.82	0.56
Botro_Macchie	16.500'	Max WS	IT_TR030_TP1h	20.82	67.52	69.50		69.71	0.007285	2.02	10.28	8.17	0.58
Botro_Macchie	16.500'	Max WS	IT_TR030_TP2h	23.74	67.52	69.54		69.79	0.008708	2.24	10.61	8.28	0.63
Botro_Macchie	16.500'	Max WS	IT_TR030_TP3h	20.75	67.52	69.51		69.71	0.007081	2.00	10.36	8.20	0.57
Botro_Macchie	16.500'	Max WS	IT_TR200_TP4h	32.10	67.52	69.90		70.18	0.007563	2.32	13.84	9.62	0.60
Botro_Macchie	16.500'	Max WS	IT_TR200_TP6h	27.42	67.52	69.72		69.98	0.007953	2.25	12.18	8.76	0.61
Botro_Macchie	16.500'	Max WS	IT_TR030_TP4h	20.34	67.52	69.47		69.68	0.007416	2.02	10.04	8.10	0.58
Botro_Macchie	16.500'	Max WS	IT_TR030_TP6h	17.59	67.52	69.37		69.55	0.006951	1.90	9.25	7.83	0.56
Botro_Macchie	16	Max WS	IT_TR200_TP0.5h	27.10	67.39	69.68	68.94	69.86	0.003060	1.94	15.55	13.70	0.43
Botro_Macchie	16	Max WS	IT_TR200_TP1h	33.84	67.39	69.94	69.16	70.14	0.002959	2.06	18.23	14.34	0.43
Botro_Macchie	16	Max WS	IT_TR200_TP2h	36.75	67.39	70.02	69.24	70.23	0.003041	2.14	19.07	14.54	0.44
Botro_Macchie	16	Max WS	IT_TR200_TP3h	34.64	67.39	69.97	69.18	70.16	0.002973	2.08	18.49	14.40	0.43
Botro_Macchie	16	Max WS	IT_TR030_TP0.5h	17.49	67.39	69.33	68.58	69.46	0.002656	1.59	12.00	12.83	0.39
Botro_Macchie	16	Max WS	IT_TR030_TP1h	19.96	67.39	69.47	68.68	69.60	0.002543	1.64	13.42	13.19	0.39
Botro_Macchie	16	Max WS	IT_TR030_TP2h	23.74	67.39	69.50	68.82	69.68	0.003378	1.92	13.72	13.27	0.45
Botro_Macchie	16	Max WS	IT_TR030_TP3h	20.09	67.39	69.48	68.68	69.61	0.002538	1.65	13.49	13.21	0.39
Botro_Macchie	16	Max WS	IT_TR200_TP4h	32.10	67.39	69.88	69.10	70.07	0.002948	2.02	17.63	14.20	0.43
Botro_Macchie	16	Max WS	IT_TR200_TP6h	27.42	67.39	69.70	68.95	69.87	0.003042	1.94	15.71	13.74	0.43
Botro_Macchie	16	Max WS	IT_TR030_TP4h	19.91	67.39	69.43	68.68	69.57	0.002748	1.69	13.02	13.10	0.40
Botro_Macchie	16	Max WS	IT_TR030_TP6h	17.59	67.39	69.34	68.59	69.46	0.002643	1.60	12.07	12.87	0.39
Botro_Macchie	15.5		Bridge										
Botro_Macchie	15	Max WS	IT_TR200_TP0.5h	27.09	67.39	69.15		69.62	0.012418	3.04	9.07	10.56	0.80
Botro_Macchie	15	Max WS	IT_TR200_TP1h	33.84	67.39	69.33	69.21	69.89	0.012826	3.33	10.70	12.75	0.83
Botro_Macchie	15	Max WS	IT_TR200_TP2h	36.71	67.39	69.40	69.36	69.99	0.012803	3.43	11.44	13.18	0.83
Botro_Macchie	15	Max WS	IT_TR200_TP3h	34.64	67.39	69.35	69.24	69.92	0.012948	3.37	10.87	12.90	0.83
Botro_Macchie	15	Max WS	IT_TR030_TP0.5h	18.20	67.39	68.89		69.20	0.010630	2.49	7.31	8.22	0.72
Botro_Macchie	15	Max WS	IT_TR030_TP1h	21.85	67.39	69.02		69.39	0.011168	2.70	8.10	8.94	0.74
Botro_Macchie	15	Max WS	IT_TR030_TP2h	23.74	67.39	69.06		69.47	0.011706	2.83	8.43	9.52	0.77
Botro_Macchie	15	Max WS	IT_TR030_TP3h	21.96	67.39	69.03		69.40	0.010888	2.69	8.19	9.11	0.74
Botro_Macchie	15	Max WS	IT_TR200_TP4h	31.79	67.39	69.29	69.12	69.81	0.012531	3.23	10.26	12.20	0.81
Botro_Macchie	15	Max WS	IT_TR200_TP6h	27.42	67.39	69.16		69.63	0.012487	3.05	9.14	10.66	0.80
Botro_Macchie	15	Max WS	IT_TR030_TP4h	21.60	67.39	69.01		69.38	0.011151	2.69	8.04	8.83	0.74
Botro_Macchie	15	Max WS	IT_TR030_TP6h	18.41	67.39	68.89		69.21	0.010831	2.52	7.32	8.22	0.72
Botro_Macchie	14.99		Lat Struct										
Botro_Macchie	14.98		Lat Struct										
Botro_Macchie	14.667'	Max WS	IT_TR200_TP0.5h	27.09	67.19	69.17		69.40	0.006797	2.18	13.03	12.56	0.58
Botro_Macchie	14.667'	Max WS	IT_TR200_TP1h	33.83	67.19	69.35		69.62	0.007093	2.36	15.40	13.92	0.60
Botro_Macchie	14.667'	Max WS	IT_TR200_TP2h	36.87	67.19	69.42		69.70	0.007234	2.44	16.40	14.39	0.60
Botro_Macchie	14.667'	Max WS	IT_TR200_TP3h	34.64	67.19	69.36		69.64	0.007130	2.38	15.67	14.04	0.60
Botro_Macchie	14.667'	Max WS	IT_TR030_TP0.5h	17.49	67.19	68.83		69.01	0.006376	1.85	9.51	8.88	0.54
Botro_Macchie	14.667'	Max WS	IT_TR030_TP1h	21.77	67.19	69.00		69.20	0.006498	2.00	11.12	10.38	0.56
Botro_Macchie	14.667'	Max WS	IT_TR030_TP2h	23.70	67.19	69.06		69.28	0.006579	2.06	11.82	11.01	0.56
Botro_Macchie	14.667'	Max WS	IT_TR030_TP3h	22.34	67.19	69.02		69.22	0.006536	2.02	11.32	10.55	0.56
Botro_Macchie	14.667'	Max WS	IT_TR200_TP4h	32.10	67.19	69.30		69.57	0.007014	2.32	14.81	13.63	0.59
Botro_Macchie	14.667'	Max WS	IT_TR200_TP6h	27.42	67.19	69.18		69.42	0.006805	2.19	13.15	12.71	0.58
Botro_Macchie	14.667'	Max WS	IT_TR030_TP4h	21.00	67.19	68.97		69.17	0.006521	1.98	10.80	10.10	0.55
Botro_Macchie	14.667'	Max WS	IT_TR030_TP6h	17.59	67.19	68.84		69.01	0.006373	1.85	9.56	8.92	0.54
Botro_Macchie	14.333'	Max WS	IT_TR200_TP0.5h	27.09	67.00	69.07		69.31	0.006785	2.21	13.15	13.24	0.58
Botro_Macchie	14.333'	Max WS	IT_TR200_TP1h	33.83	67.00	69.25		69.52	0.007087	2.39	15.64	15.10	0.60
Botro_Macchie	14.333'	Max WS	IT_TR200_TP2h	36.82	67.00	69.31		69.60	0.007219	2.46	16.69	15.82	0.61
Botro_Macchie	14.333'	Max WS	IT_TR200_TP3h	34.64	67.00	69.26		69.54	0.007128	2.41	15.92	15.29	0.60
Botro_Macchie	1												

HEC-RAS River: Botro_Macchie Reach: Botro_Macchie 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
Botro_Macchie	14.333*	Max WS	IT_TR030_TP3h	22.28	67.00	68.93		69.13	0.006396	2.03	11.41	10.83	0.55
Botro_Macchie	14.333*	Max WS	IT_TR200_TP4h	32.10	67.00	69.20		69.47	0.007010	2.34	15.01	14.65	0.59
Botro_Macchie	14.333*	Max WS	IT_TR200_TP6h	27.42	67.00	69.08		69.32	0.006784	2.21	13.29	13.35	0.58
Botro_Macchie	14.333*	Max WS	IT_TR030_TP4h	20.98	67.00	68.88		69.08	0.006433	2.00	10.86	10.40	0.55
Botro_Macchie	14.333*	Max WS	IT_TR030_TP6h	17.59	67.00	68.75		68.92	0.006270	1.87	9.58	9.43	0.54
Botro_Macchie	14	Max WS	IT_TR200_TP0.5h	27.09	66.80	68.97		69.22	0.006802	2.23	13.43	15.16	0.58
Botro_Macchie	14	Max WS	IT_TR200_TP1h	33.83	66.80	69.16		69.42	0.006677	2.34	16.44	16.18	0.58
Botro_Macchie	14	Max WS	IT_TR200_TP2h	36.78	66.80	69.24		69.50	0.006632	2.39	17.63	16.25	0.58
Botro_Macchie	14	Max WS	IT_TR200_TP3h	34.64	66.80	69.18		69.44	0.006659	2.35	16.78	16.20	0.58
Botro_Macchie	14	Max WS	IT_TR030_TP0.5h	17.48	66.80	68.66		68.83	0.006063	1.87	9.70	9.73	0.53
Botro_Macchie	14	Max WS	IT_TR030_TP1h	21.59	66.80	68.82		69.02	0.006125	2.01	11.43	11.44	0.54
Botro_Macchie	14	Max WS	IT_TR030_TP2h	23.54	66.80	68.88		69.10	0.006353	2.09	12.15	12.91	0.56
Botro_Macchie	14	Max WS	IT_TR030_TP3h	22.15	66.80	68.84		69.05	0.006210	2.03	11.62	11.84	0.55
Botro_Macchie	14	Max WS	IT_TR200_TP4h	32.10	66.80	69.12		69.37	0.006713	2.32	15.71	16.14	0.58
Botro_Macchie	14	Max WS	IT_TR200_TP6h	27.42	66.80	68.99		69.23	0.006802	2.24	13.59	15.42	0.58
Botro_Macchie	14	Max WS	IT_TR030_TP4h	20.33	66.80	68.79		68.98	0.005843	1.94	11.06	10.62	0.53
Botro_Macchie	14	Max WS	IT_TR030_TP6h	17.59	66.80	68.66		68.84	0.006062	1.87	9.75	9.76	0.53
Botro_Macchie	13.750*	Max WS	IT_TR200_TP0.5h	27.09	66.55	68.86		69.09	0.006802	2.21	13.56	14.22	0.58
Botro_Macchie	13.750*	Max WS	IT_TR200_TP1h	33.83	66.55	69.04		69.30	0.006884	2.35	16.28	15.72	0.59
Botro_Macchie	13.750*	Max WS	IT_TR200_TP2h	36.77	66.55	69.11		69.38	0.006822	2.39	17.45	15.79	0.59
Botro_Macchie	13.750*	Max WS	IT_TR200_TP3h	34.63	66.55	69.06		69.32	0.006870	2.36	16.60	15.74	0.59
Botro_Macchie	13.750*	Max WS	IT_TR030_TP0.5h	17.48	66.55	68.55		68.72	0.006192	1.88	9.70	10.02	0.54
Botro_Macchie	13.750*	Max WS	IT_TR030_TP1h	21.34	66.55	68.71		68.90	0.006170	1.99	11.51	12.75	0.54
Botro_Macchie	13.750*	Max WS	IT_TR030_TP2h	23.29	66.55	68.77		68.97	0.006299	2.06	12.31	13.34	0.55
Botro_Macchie	13.750*	Max WS	IT_TR030_TP3h	22.05	66.55	68.72		68.93	0.006324	2.03	11.71	12.91	0.55
Botro_Macchie	13.750*	Max WS	IT_TR200_TP4h	32.10	66.55	68.99		69.25	0.006898	2.32	15.59	15.54	0.58
Botro_Macchie	13.750*	Max WS	IT_TR200_TP6h	27.42	66.55	68.87		69.10	0.006791	2.21	13.71	14.33	0.58
Botro_Macchie	13.750*	Max WS	IT_TR030_TP4h	20.49	66.55	68.68		68.87	0.006118	1.96	11.15	12.47	0.54
Botro_Macchie	13.750*	Max WS	IT_TR030_TP6h	17.59	66.55	68.55		68.73	0.006195	1.88	9.75	10.06	0.54
Botro_Macchie	13.500*	Max WS	IT_TR200_TP0.5h	27.09	66.30	68.74		68.97	0.006946	2.19	13.62	13.72	0.58
Botro_Macchie	13.500*	Max WS	IT_TR200_TP1h	33.83	66.30	68.91		69.17	0.007179	2.35	16.07	14.77	0.59
Botro_Macchie	13.500*	Max WS	IT_TR200_TP2h	36.76	66.30	68.98		69.25	0.007257	2.41	17.09	15.19	0.60
Botro_Macchie	13.500*	Max WS	IT_TR200_TP3h	34.63	66.30	68.93		69.19	0.007210	2.37	16.35	14.89	0.59
Botro_Macchie	13.500*	Max WS	IT_TR030_TP0.5h	17.48	66.30	68.43		68.61	0.006519	1.89	9.69	11.05	0.54
Botro_Macchie	13.500*	Max WS	IT_TR030_TP1h	21.54	66.30	68.59		68.78	0.006508	2.01	11.59	12.77	0.55
Botro_Macchie	13.500*	Max WS	IT_TR030_TP2h	23.30	66.30	68.66		68.86	0.006279	2.03	12.55	13.23	0.54
Botro_Macchie	13.500*	Max WS	IT_TR030_TP3h	22.05	66.30	68.60		68.80	0.006501	2.02	11.82	12.88	0.55
Botro_Macchie	13.500*	Max WS	IT_TR200_TP4h	32.10	66.30	68.87		69.12	0.007108	2.31	15.47	14.52	0.59
Botro_Macchie	13.500*	Max WS	IT_TR200_TP6h	27.42	66.30	68.75		68.98	0.006928	2.20	13.77	13.78	0.58
Botro_Macchie	13.500*	Max WS	IT_TR030_TP4h	20.50	66.30	68.56		68.75	0.006363	1.97	11.22	12.59	0.54
Botro_Macchie	13.500*	Max WS	IT_TR030_TP6h	17.59	66.30	68.43		68.61	0.006517	1.90	9.74	11.16	0.54
Botro_Macchie	13.250*	Max WS	IT_TR200_TP0.5h	27.08	66.05	68.61		68.84	0.007357	2.20	13.51	13.27	0.58
Botro_Macchie	13.250*	Max WS	IT_TR200_TP1h	33.83	66.05	68.77		69.03	0.007855	2.39	15.64	14.00	0.61
Botro_Macchie	13.250*	Max WS	IT_TR200_TP2h	36.76	66.05	68.83		69.11	0.008049	2.46	16.51	14.28	0.62
Botro_Macchie	13.250*	Max WS	IT_TR200_TP3h	34.63	66.05	68.78		69.05	0.007913	2.41	15.88	14.08	0.61
Botro_Macchie	13.250*	Max WS	IT_TR030_TP0.5h	17.48	66.05	68.31		68.49	0.006942	1.91	9.71	11.84	0.55
Botro_Macchie	13.250*	Max WS	IT_TR030_TP1h	21.47	66.05	68.41		68.63	0.007760	2.10	10.99	12.34	0.59
Botro_Macchie	13.250*	Max WS	IT_TR030_TP2h	23.55	66.05	68.49		68.71	0.007634	2.14	11.92	12.69	0.59
Botro_Macchie	13.250*	Max WS	IT_TR030_TP3h	22.07	66.05	68.44		68.66	0.007522	2.10	11.39	12.49	0.58
Botro_Macchie	13.250*	Max WS	IT_TR200_TP4h	32.10	66.05	68.73		68.99	0.007685	2.34	15.15	13.83	0.60
Botro_Macchie	13.250*	Max WS	IT_TR200_TP6h	27.42	66.05	68.62		68.85	0.007319	2.20	13.67	13.32	0.58
Botro_Macchie	13.250*	Max WS	IT_TR030_TP4h	19.48	66.05	68.39		68.58	0.006886	1.96	10.66	12.21	0.55
Botro_Macchie	13.250*	Max WS	IT_TR030_TP6h	17.59	66.05	68.31		68.49	0.006926	1.91	9.77	11.86	0.55
Botro_Macchie	13	Max WS	IT_TR200_TP0.5h	27.08	65.80	68.19	68.18	68.62	0.017588	2.95	9.76	11.70	0.86
Botro_Macchie	13	Max WS	IT_TR200_TP1h	33.83	65.80	68.40		68.82	0.014980	2.96	12.39	12.57	0.81
Botro_Macchie	13	Max WS	IT_TR200_TP2h	36.75	65.80	68.50		68.91	0.013858	2.94	13.60	12.95	0.79
Botro_Macchie	13	Max WS	IT_TR200_TP3h	34.63	65.80	68.43		68.85	0.014646	2.96	12.73	12.68	0.81
Botro_Macchie	13	Max WS	IT_TR030_TP0.5h	17.48	65.80	67.84		68.22	0.021056	2.74	6.38	6.83	0.91
Botro_Macchie	13	Max WS	IT_TR030_TP1h	20.09	65.80	68.11		68.39	0.012192	2.38	8.87	11.39	0.71
Botro_Macchie	13	Max WS	IT_TR030_TP2h	23.39	65.80	68.16		68.50	0.014296	2.63	9.43	11.59	0.78
Botro_Macchie	13	Max WS	IT_TR030_TP3h	21.76	65.80	68.14		68.45	0.013009	2.49	9.23	11.52	0.74
Botro_Macchie	13	Max WS	IT_TR200_TP4h	32.10	65.80	68.35	68.31	68.77	0.015742	2.97	11.67	12.34	0.83
Botro_Macchie	13	Max WS	IT_TR200_TP6h	27.42	65.80	68.19	68.19	68.63	0.017594	2.97	9.86	11.74	0.86
Botro_Macchie	13	Max WS	IT_TR030_TP4h	20.45	65.80	68.08		68.39	0.013899	2.51	8.52	11.27	0.76
Botro_Macchie	13	Max WS	IT_TR030_TP6h	17.59	65.80	67.85		68.23	0.021084	2.75	6.40	6.85	0.91
Botro_Macchie	12.99	Max WS	IT_TR200_TP0.5h	27.08	65.62	68.27		68.46	0.005976	1.91	14.18	10.72	0.53
Botro_Macchie	12.99	Max WS	IT_TR200_TP1h	33.83	65.62	68.48		68.69	0.006205	2.05	16.48	11.50	0.55
Botro_Macchie	12.99	Max WS	IT_TR200_TP2h	36.75	65.62	68.56		68.79	0.006262	2.10	17.47	11.82	0.55
Botro_Macchie	12.99	Max WS	IT_TR200_TP3h	34.63	65.62	68.50		68.72	0.006224	2.07	16.76	11.59	0.55
Botro_Macchie	12.99	Max WS	IT_TR030_TP0.5h	17.48	65.62	67.92		68.06	0.005421	1.64	10.65	9.39	0.49
Botro_Macchie	12.99	Max WS	IT_TR030_TP1h	22.31	65.62	68.10		68.27	0.005791	1.79	12.44	10.08	0.52
Botro_Macchie	12.99	Max WS	IT_TR030_TP2h	23.94	65.62	68.17		68.34	0.005834	1.83	13.06	10.32	0.52
Botro_Macchie	12.99	Max WS	IT_TR030_TP3h	23.06	65.62	68.12		68.29	0.005913	1.82	12.65	10.16	0.52
Botro_Macchie	12.99	Max WS	IT_TR200_TP4h	32.10	65.62	68.43		68.64	0.006158	2.02	15.90	11.31	0.54
Botro_Macchie	12.99	Max WS	IT_TR200_TP6h	27.42	65.62	68.28		68.47	0.005988	1.92	14.30	10.76	0.53
Botro_Macchie	12.99	Max WS	IT_TR030_TP4h	21.12	65.62	68.06		68.22	0.005726	1.76	11.99	9.91	0.51
Botro_Macchie	12.99	Max WS	IT_TR030_TP6h	17.59	65.62	67.92		68.06	0.005431	1.65	10.69	9.40	0.49
Botro_Macchie	12.98	Max WS	IT_TR200_TP0.5h	27.08	65.80	68.16		68.38	0.007768	2.10	12.90	10.42	0.60
Botro_Macchie	12.98	Max WS	IT_TR200_TP1h	33.83	65.80	68.36		68.62	0.007919	2.24	15.09	11.19	0.62
Botro_Macchie	12.98	Max WS	IT_TR200_TP2h	36.75	65.80	68.44		68.71	0.007933	2.29	16.03	11.50	0.62
Botro_Macchie	12.98	Max WS	IT_TR200_TP3h	34.63	65.80	68.38		68.64	0.007930	2.26	15.34	11.27	0.62
Botro_Macchie	12.98	Max WS	IT_TR030_TP0.5h	17.48	65.80	67.82		67.99	0.007275	1.82	9.59	9.13	0.57
Botro_Macchie	12.98	Max WS	IT_TR030_TP1h	22.18	65.80	67.99		68.19	0.007702	1.98	11.18	9.77	0.59
Botro_Macchie	12.98	Max WS	IT_TR030_TP2h	23.92	65.80	68.05		68.26	0.007733	2.03	11.79	10.01	0.60
Botro_Macchie	12.98	Max WS	IT_TR030_TP3h	22.79	65.80	68.01		68.21	0.007720	2.00	11.39	9.85	0.59
Botro_Macchie	12.98	Max WS	IT_TR200_TP4h	32.10	65.80	68.31		68.56	0.007897	2.21	14.53	11.00	0.61
Botro_Macchie	12.98	Max WS	IT_TR200_TP6h	27.42	65.80	68.17		68.40	0.007772	2.11	13.01		

HEC-RAS River: Botro_Macchie Reach: Botro_Macchie 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
Botro_Macchie	12.97	Max WS	IT_TR030_TP0.5h	17.48	65.70	67.73		67.91	0.008211	1.87	9.34	9.42	0.60
Botro_Macchie	12.97	Max WS	IT_TR030_TP1h	22.04	65.70	67.90		68.10	0.008282	2.01	10.94	9.91	0.61
Botro_Macchie	12.97	Max WS	IT_TR030_TP2h	23.86	65.70	67.96		68.18	0.008285	2.06	11.56	10.09	0.62
Botro_Macchie	12.97	Max WS	IT_TR030_TP3h	22.71	65.70	67.92		68.13	0.008324	2.04	11.15	9.97	0.61
Botro_Macchie	12.97	Max WS	IT_TR200_TP4h	32.10	65.70	68.22		68.48	0.008229	2.25	14.29	10.86	0.63
Botro_Macchie	12.97	Max WS	IT_TR200_TP6h	27.42	65.70	68.08		68.31	0.008187	2.14	12.81	10.45	0.62
Botro_Macchie	12.97	Max WS	IT_TR030_TP4h	20.88	65.70	67.85		68.06	0.008298	1.98	10.53	9.79	0.61
Botro_Macchie	12.97	Max WS	IT_TR030_TP6h	17.59	65.70	67.74		67.91	0.008214	1.88	9.38	9.43	0.60
Botro_Macchie	12.96	Max WS	IT_TR200_TP0.5h	27.08	65.62	67.88		68.19	0.012260	2.47	10.98	9.79	0.74
Botro_Macchie	12.96	Max WS	IT_TR200_TP1h	33.83	65.62	68.08		68.43	0.011764	2.59	13.06	10.32	0.74
Botro_Macchie	12.96	Max WS	IT_TR200_TP2h	36.75	65.62	68.17		68.52	0.011510	2.64	13.92	10.44	0.73
Botro_Macchie	12.96	Max WS	IT_TR200_TP3h	34.63	65.62	68.11		68.45	0.011689	2.60	13.30	10.36	0.73
Botro_Macchie	12.96	Max WS	IT_TR030_TP0.5h	17.48	65.62	67.54		67.79	0.013580	2.24	7.80	8.75	0.76
Botro_Macchie	12.96	Max WS	IT_TR030_TP1h	22.02	65.62	67.70		67.99	0.012974	2.37	9.31	9.26	0.75
Botro_Macchie	12.96	Max WS	IT_TR030_TP2h	23.84	65.62	67.77		68.06	0.012744	2.41	9.90	9.45	0.75
Botro_Macchie	12.96	Max WS	IT_TR030_TP3h	22.66	65.62	67.72		68.01	0.012946	2.38	9.50	9.32	0.75
Botro_Macchie	12.96	Max WS	IT_TR200_TP4h	32.10	65.62	68.03		68.37	0.011930	2.56	12.54	10.25	0.74
Botro_Macchie	12.96	Max WS	IT_TR200_TP6h	27.42	65.62	67.89		68.20	0.012553	2.47	11.09	10.04	0.75
Botro_Macchie	12.96	Max WS	IT_TR030_TP4h	20.86	65.62	67.66		67.94	0.013179	2.34	8.91	9.13	0.76
Botro_Macchie	12.96	Max WS	IT_TR030_TP6h	17.59	65.62	67.54		67.80	0.013553	2.24	7.84	8.76	0.76
Botro_Macchie	12.95	Max WS	IT_TR200_TP0.5h	27.08	65.57	67.83		68.14	0.012242	2.49	10.88	9.52	0.74
Botro_Macchie	12.95	Max WS	IT_TR200_TP1h	33.83	65.57	68.03		68.38	0.011968	2.63	12.87	10.05	0.74
Botro_Macchie	12.95	Max WS	IT_TR200_TP2h	36.75	65.57	68.11		68.48	0.011758	2.68	13.70	10.17	0.74
Botro_Macchie	12.95	Max WS	IT_TR200_TP3h	34.63	65.57	68.05		68.41	0.011902	2.64	13.10	10.08	0.74
Botro_Macchie	12.95	Max WS	IT_TR030_TP0.5h	17.48	65.57	67.49		67.74	0.013084	2.24	7.82	8.53	0.75
Botro_Macchie	12.95	Max WS	IT_TR030_TP1h	22.01	65.57	67.65		67.94	0.012693	2.37	9.28	9.01	0.75
Botro_Macchie	12.95	Max WS	IT_TR030_TP2h	23.79	65.57	67.72		68.01	0.012515	2.41	9.85	9.20	0.74
Botro_Macchie	12.95	Max WS	IT_TR030_TP3h	22.63	65.57	67.67		67.97	0.012669	2.39	9.47	9.07	0.75
Botro_Macchie	12.95	Max WS	IT_TR200_TP4h	32.10	65.57	67.98		68.32	0.012105	2.60	12.37	9.98	0.74
Botro_Macchie	12.95	Max WS	IT_TR200_TP6h	27.42	65.57	67.84		68.15	0.012239	2.50	10.98	9.55	0.74
Botro_Macchie	12.95	Max WS	IT_TR030_TP4h	20.85	65.57	67.61		67.89	0.012835	2.34	8.90	8.89	0.75
Botro_Macchie	12.95	Max WS	IT_TR030_TP6h	17.59	65.57	67.49		67.75	0.013064	2.24	7.86	8.54	0.75
Botro_Macchie	12.94	Max WS	IT_TR200_TP0.5h	27.08	65.53	67.72		68.08	0.015399	2.67	10.13	9.45	0.82
Botro_Macchie	12.94	Max WS	IT_TR200_TP1h	33.83	65.53	67.93		68.33	0.013971	2.78	12.17	9.75	0.79
Botro_Macchie	12.94	Max WS	IT_TR200_TP2h	36.75	65.53	68.02		68.42	0.013595	2.83	13.00	9.87	0.79
Botro_Macchie	12.94	Max WS	IT_TR200_TP3h	34.63	65.53	67.96		68.35	0.013854	2.79	12.40	9.78	0.79
Botro_Macchie	12.94	Max WS	IT_TR030_TP0.5h	17.48	65.53	67.34		67.67	0.018672	2.55	6.86	8.04	0.88
Botro_Macchie	12.94	Max WS	IT_TR030_TP1h	22.00	65.53	67.53		67.88	0.016325	2.60	8.46	8.64	0.84
Botro_Macchie	12.94	Max WS	IT_TR030_TP2h	23.79	65.53	67.60		67.95	0.015794	2.63	9.04	8.84	0.83
Botro_Macchie	12.94	Max WS	IT_TR030_TP3h	22.60	65.53	67.56		67.90	0.016169	2.61	8.65	8.70	0.84
Botro_Macchie	12.94	Max WS	IT_TR200_TP4h	32.10	65.53	67.88		68.27	0.014241	2.75	11.66	9.68	0.80
Botro_Macchie	12.94	Max WS	IT_TR200_TP6h	27.42	65.53	67.73		68.10	0.015287	2.68	10.24	9.47	0.82
Botro_Macchie	12.94	Max WS	IT_TR030_TP4h	20.84	65.53	67.49		67.83	0.016865	2.59	8.05	8.49	0.85
Botro_Macchie	12.94	Max WS	IT_TR030_TP6h	17.59	65.53	67.35		67.68	0.018580	2.55	6.91	8.06	0.88
Botro_Macchie	12.93	Max WS	IT_TR200_TP0.5h	27.08	65.33	67.72		68.00	0.010344	2.34	11.57	9.71	0.68
Botro_Macchie	12.93	Max WS	IT_TR200_TP1h	33.83	65.33	67.93		68.24	0.009850	2.47	13.69	10.01	0.67
Botro_Macchie	12.93	Max WS	IT_TR200_TP2h	36.75	65.33	68.02		68.34	0.009732	2.52	14.56	10.13	0.67
Botro_Macchie	12.93	Max WS	IT_TR200_TP3h	34.63	65.33	67.96		68.27	0.009812	2.49	13.94	10.04	0.67
Botro_Macchie	12.93	Max WS	IT_TR030_TP0.5h	17.48	65.33	67.34		67.57	0.011463	2.15	8.13	8.43	0.70
Botro_Macchie	12.93	Max WS	IT_TR030_TP1h	21.98	65.33	67.53		67.79	0.010611	2.24	9.84	9.04	0.68
Botro_Macchie	12.93	Max WS	IT_TR030_TP2h	23.79	65.33	67.60		67.86	0.010458	2.27	10.46	9.25	0.68
Botro_Macchie	12.93	Max WS	IT_TR030_TP3h	22.59	65.33	67.55		67.81	0.010583	2.25	10.04	9.11	0.68
Botro_Macchie	12.93	Max WS	IT_TR200_TP4h	32.09	65.33	67.88		68.18	0.009934	2.44	13.17	9.94	0.68
Botro_Macchie	12.93	Max WS	IT_TR200_TP6h	27.42	65.33	67.73		68.01	0.010312	2.35	11.68	9.73	0.68
Botro_Macchie	12.93	Max WS	IT_TR030_TP4h	20.83	65.33	67.48		67.73	0.010822	2.22	9.40	8.89	0.69
Botro_Macchie	12.93	Max WS	IT_TR030_TP6h	17.59	65.33	67.34		67.58	0.011429	2.15	8.18	8.44	0.70
Botro_Macchie	12.92	Max WS	IT_TR200_TP0.5h	27.08	65.00	67.74		67.93	0.005788	1.92	14.14	10.03	0.52
Botro_Macchie	12.92	Max WS	IT_TR200_TP1h	33.83	65.00	67.96		68.18	0.005933	2.07	16.34	10.32	0.53
Botro_Macchie	12.92	Max WS	IT_TR200_TP2h	36.75	65.00	68.04		68.28	0.006009	2.13	17.23	10.44	0.53
Botro_Macchie	12.92	Max WS	IT_TR200_TP3h	34.63	65.00	67.98		68.20	0.005955	2.09	16.59	10.36	0.53
Botro_Macchie	12.92	Max WS	IT_TR030_TP0.5h	17.48	65.00	67.36		67.50	0.005537	1.67	10.50	8.96	0.49
Botro_Macchie	12.92	Max WS	IT_TR030_TP1h	21.98	65.00	67.55		67.72	0.005616	1.79	12.31	9.53	0.50
Botro_Macchie	12.92	Max WS	IT_TR030_TP2h	23.79	65.00	67.62		67.79	0.005687	1.83	12.97	9.73	0.51
Botro_Macchie	12.92	Max WS	IT_TR030_TP3h	22.58	65.00	67.58		67.74	0.005649	1.80	12.52	9.60	0.50
Botro_Macchie	12.92	Max WS	IT_TR200_TP4h	32.09	65.00	67.90		68.11	0.005886	2.03	15.80	10.25	0.52
Botro_Macchie	12.92	Max WS	IT_TR200_TP6h	27.42	65.00	67.75		67.94	0.005793	1.92	14.25	10.05	0.52
Botro_Macchie	12.92	Max WS	IT_TR030_TP4h	20.82	65.00	67.51		67.66	0.005603	1.76	11.85	9.39	0.50
Botro_Macchie	12.92	Max WS	IT_TR030_TP6h	17.59	65.00	67.36		67.51	0.005536	1.67	10.55	8.97	0.49
Botro_Macchie	12.91	Max WS	IT_TR200_TP0.5h	27.08	64.96	67.71		67.90	0.005824	1.92	14.13	10.08	0.52
Botro_Macchie	12.91	Max WS	IT_TR200_TP1h	33.83	64.96	67.93		68.15	0.005975	2.07	16.36	10.46	0.53
Botro_Macchie	12.91	Max WS	IT_TR200_TP2h	36.75	64.96	68.01		68.25	0.006037	2.13	17.26	10.58	0.53
Botro_Macchie	12.91	Max WS	IT_TR200_TP3h	34.63	64.96	67.95		68.17	0.005992	2.08	16.61	10.49	0.53
Botro_Macchie	12.91	Max WS	IT_TR030_TP0.5h	17.48	64.96	67.33		67.47	0.005536	1.66	10.51	8.95	0.49
Botro_Macchie	12.91	Max WS	IT_TR030_TP1h	21.97	64.96	67.53		67.69	0.005617	1.78	12.31	9.53	0.50
Botro_Macchie	12.91	Max WS	IT_TR030_TP2h	23.78	64.96	67.59		67.77	0.005696	1.83	12.97	9.73	0.51
Botro_Macchie	12.91	Max WS	IT_TR030_TP3h	22.56	64.96	67.55		67.71	0.005651	1.80	12.52	9.59	0.50
Botro_Macchie	12.91	Max WS	IT_TR200_TP4h	32.09	64.96	67.88		68.09	0.005936	2.03	15.81	10.39	0.53
Botro_Macchie	12.91	Max WS	IT_TR200_TP6h	27.42	64.96	67.72		67.91	0.005838	1.92	14.25	10.11	0.52
Botro_Macchie	12.91	Max WS	IT_TR030_TP4h	20.81	64.96	67.48		67.64	0.005599	1.76	11.86	9.39	0.50
Botro_Macchie	12.91	Max WS	IT_TR030_TP6h	17.59	64.96	67.34		67.48	0.005532	1.67	10.56	8.97	0.49
Botro_Macchie	12.9	Max WS	IT_TR200_TP0.5h	27.08	64.93	67.65		67.86	0.007661	2.06	13.13	10.09	0.58
Botro_Macchie	12.9	Max WS	IT_TR200_TP1h	33.83	64.93	67.86		68.11	0.007566	2.21	15.34	10.37	0.58
Botro_Macchie	12.9	Max WS	IT_TR200_TP2h	36.75	64.93	67.95		68.21	0.007573	2.26	16.23	10.48	0.58
Botro_Macchie	12.9	Max WS	IT_TR200_TP3h	34.63	64.93	67.89		68.14	0.007565	2.22	15.59	10.40	0.58
Botro_Macchie	12.9	Max WS	IT_TR030_TP0.5h	17.48	64.93	67.26		67.43	0.008302	1.86	9.39	9.02	0.58
Botro_Macchie	12.9	Max WS	IT_TR030_TP1h	21.96	64.93	67.46		67.65	0.007858	1.95	11.27	9.71	0.58
Botro_Macchie	12.9	Max WS	IT_TR030_TP2h	23.78	64.93	67.53		67.73	0.007812	1.99	11.95	9.93	0.58
Botro_Macchie	12.9												

HEC-RAS River: Botro_Macchie Reach: Botro_Macchie 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
Botro_Macchie	12.89	Max WS	IT_TR200_TP1h	33.83	64.87	67.77		68.03	0.007482	2.27	14.89	9.74	0.59
Botro_Macchie	12.89	Max WS	IT_TR200_TP2h	36.74	64.87	67.85		68.13	0.007650	2.34	15.69	9.94	0.60
Botro_Macchie	12.89	Max WS	IT_TR200_TP3h	34.63	64.87	67.79		68.06	0.007531	2.29	15.11	9.79	0.59
Botro_Macchie	12.89	Max WS	IT_TR030_TP0.5h	17.48	64.87	67.19		67.36	0.006621	1.81	9.68	8.24	0.53
Botro_Macchie	12.89	Max WS	IT_TR030_TP1h	21.95	64.87	67.39		67.58	0.006667	1.93	11.36	8.75	0.54
Botro_Macchie	12.89	Max WS	IT_TR030_TP2h	23.77	64.87	67.46		67.66	0.006792	1.99	11.95	8.92	0.55
Botro_Macchie	12.89	Max WS	IT_TR030_TP3h	22.53	64.87	67.41		67.60	0.006712	1.95	11.55	8.81	0.54
Botro_Macchie	12.89	Max WS	IT_TR200_TP4h	32.09	64.87	67.72		67.97	0.007366	2.23	14.41	9.61	0.58
Botro_Macchie	12.89	Max WS	IT_TR200_TP6h	27.42	64.87	67.58		67.80	0.007065	2.10	13.06	9.24	0.56
Botro_Macchie	12.89	Max WS	IT_TR030_TP4h	20.77	64.87	67.34		67.52	0.006632	1.90	10.94	8.63	0.54
Botro_Macchie	12.89	Max WS	IT_TR030_TP6h	17.59	64.87	67.20		67.36	0.006611	1.81	9.73	8.26	0.53
Botro_Macchie	12.88	Max WS	IT_TR200_TP0.5h	27.08	64.80	67.48		67.71	0.008062	2.15	12.58	9.45	0.60
Botro_Macchie	12.88	Max WS	IT_TR200_TP1h	33.83	64.80	67.68		67.95	0.008436	2.33	14.52	10.01	0.62
Botro_Macchie	12.88	Max WS	IT_TR200_TP2h	36.74	64.80	67.76		68.05	0.008573	2.40	15.33	10.24	0.63
Botro_Macchie	12.88	Max WS	IT_TR200_TP3h	34.63	64.80	67.70		67.98	0.008476	2.35	14.74	10.08	0.62
Botro_Macchie	12.88	Max WS	IT_TR030_TP0.5h	17.48	64.80	67.10		67.28	0.008026	1.90	9.21	8.38	0.58
Botro_Macchie	12.88	Max WS	IT_TR030_TP1h	21.93	64.80	67.30		67.51	0.007733	2.00	10.97	8.95	0.58
Botro_Macchie	12.88	Max WS	IT_TR030_TP2h	23.76	64.80	67.37		67.58	0.007839	2.05	11.56	9.14	0.58
Botro_Macchie	12.88	Max WS	IT_TR030_TP3h	22.51	64.80	67.32		67.53	0.007765	2.02	11.16	9.01	0.58
Botro_Macchie	12.88	Max WS	IT_TR200_TP4h	32.08	64.80	67.63		67.89	0.008322	2.28	14.04	9.88	0.61
Botro_Macchie	12.88	Max WS	IT_TR200_TP6h	27.42	64.80	67.49		67.73	0.008081	2.16	12.68	9.48	0.60
Botro_Macchie	12.88	Max WS	IT_TR030_TP4h	20.77	64.80	67.25		67.45	0.007749	1.97	10.55	8.82	0.57
Botro_Macchie	12.88	Max WS	IT_TR030_TP6h	17.59	64.80	67.10		67.29	0.008006	1.90	9.26	8.39	0.58
Botro_Macchie	12.87	Max WS	IT_TR200_TP0.5h	27.08	64.81	67.18		67.57	0.016814	2.78	9.76	8.87	0.84
Botro_Macchie	12.87	Max WS	IT_TR200_TP1h	33.82	64.81	67.37		67.81	0.016778	2.96	11.43	9.40	0.86
Botro_Macchie	12.87	Max WS	IT_TR200_TP2h	36.74	64.81	67.44		67.91	0.016766	3.03	12.13	9.62	0.86
Botro_Macchie	12.87	Max WS	IT_TR200_TP3h	34.63	64.81	67.39		67.84	0.016761	2.98	11.63	9.46	0.86
Botro_Macchie	12.87	Max WS	IT_TR030_TP0.5h	17.48	64.81	66.84		67.16	0.014932	2.49	7.01	6.69	0.78
Botro_Macchie	12.87	Max WS	IT_TR030_TP1h	21.93	64.81	67.02		67.37	0.016805	2.62	8.37	8.28	0.83
Botro_Macchie	12.87	Max WS	IT_TR030_TP2h	23.76	64.81	67.08		67.45	0.016872	2.67	8.88	8.57	0.84
Botro_Macchie	12.87	Max WS	IT_TR030_TP3h	22.50	64.81	67.04		67.40	0.016982	2.64	8.53	8.45	0.84
Botro_Macchie	12.87	Max WS	IT_TR200_TP4h	32.09	64.81	67.32		67.75	0.016734	2.91	11.02	9.27	0.85
Botro_Macchie	12.87	Max WS	IT_TR200_TP6h	27.42	64.81	67.19		67.59	0.016798	2.78	9.85	8.90	0.85
Botro_Macchie	12.87	Max WS	IT_TR030_TP4h	20.75	64.81	66.98		67.32	0.016464	2.59	8.00	7.88	0.82
Botro_Macchie	12.87	Max WS	IT_TR030_TP6h	17.59	64.81	66.85		67.16	0.014995	2.50	7.05	6.74	0.78
Botro_Macchie	11.935'	Max WS	IT_TR200_TP0.5h	27.08	64.68	67.00		67.29	0.010822	2.38	11.37	9.73	0.70
Botro_Macchie	11.935'	Max WS	IT_TR200_TP1h	33.82	64.68	67.19		67.52	0.010970	2.54	13.30	10.39	0.72
Botro_Macchie	11.935'	Max WS	IT_TR200_TP2h	36.74	64.68	67.27		67.62	0.011003	2.60	14.11	10.66	0.72
Botro_Macchie	11.935'	Max WS	IT_TR200_TP3h	34.63	64.68	67.22		67.55	0.010968	2.56	13.53	10.47	0.72
Botro_Macchie	11.935'	Max WS	IT_TR030_TP0.5h	17.47	64.68	66.67		66.89	0.010648	2.09	8.34	8.58	0.68
Botro_Macchie	11.935'	Max WS	IT_TR030_TP1h	21.92	64.68	66.84		67.09	0.010693	2.24	9.81	9.16	0.69
Botro_Macchie	11.935'	Max WS	IT_TR030_TP2h	23.75	64.68	66.90		67.16	0.010728	2.29	10.38	9.38	0.69
Botro_Macchie	11.935'	Max WS	IT_TR030_TP3h	22.49	64.68	66.86		67.11	0.010700	2.25	9.99	9.23	0.69
Botro_Macchie	11.935'	Max WS	IT_TR200_TP4h	32.08	64.68	67.15		67.47	0.010893	2.50	12.83	10.24	0.71
Botro_Macchie	11.935'	Max WS	IT_TR200_TP6h	27.42	64.68	67.01		67.30	0.010820	2.39	11.48	9.77	0.70
Botro_Macchie	11.935'	Max WS	IT_TR030_TP4h	20.74	64.68	66.79		67.04	0.010674	2.20	9.43	9.02	0.69
Botro_Macchie	11.935'	Max WS	IT_TR030_TP6h	17.59	64.68	66.68		66.90	0.010631	2.10	8.39	8.61	0.68
Botro_Macchie	11	Max WS	IT_TR200_TP0.5h	27.08	64.55	66.92		67.10	0.006379	1.91	14.18	11.61	0.55
Botro_Macchie	11	Max WS	IT_TR200_TP1h	33.82	64.55	67.11		67.33	0.006477	2.04	16.57	12.37	0.56
Botro_Macchie	11	Max WS	IT_TR200_TP2h	36.74	64.55	67.19		67.42	0.006497	2.09	17.57	12.68	0.57
Botro_Macchie	11	Max WS	IT_TR200_TP3h	34.63	64.55	67.14		67.35	0.006477	2.05	16.85	12.46	0.56
Botro_Macchie	11	Max WS	IT_TR030_TP0.5h	17.47	64.55	66.57		66.72	0.006048	1.67	10.46	10.08	0.52
Botro_Macchie	11	Max WS	IT_TR030_TP1h	21.91	64.55	66.74		66.91	0.006280	1.79	12.25	10.95	0.54
Botro_Macchie	11	Max WS	IT_TR030_TP2h	23.74	64.55	66.81		66.98	0.006314	1.83	12.95	11.19	0.54
Botro_Macchie	11	Max WS	IT_TR030_TP3h	22.48	64.55	66.76		66.93	0.006291	1.80	12.47	11.03	0.54
Botro_Macchie	11	Max WS	IT_TR200_TP4h	32.08	64.55	67.07		67.27	0.006440	2.01	15.98	12.19	0.56
Botro_Macchie	11	Max WS	IT_TR200_TP6h	27.42	64.55	66.93		67.11	0.006380	1.92	14.31	11.65	0.55
Botro_Macchie	11	Max WS	IT_TR030_TP4h	20.73	64.55	66.70		66.86	0.006243	1.76	11.78	10.75	0.54
Botro_Macchie	11	Max WS	IT_TR030_TP6h	17.59	64.55	66.58		66.72	0.006050	1.67	10.52	10.11	0.52
Botro_Macchie	10.750'	Max WS	IT_TR200_TP0.5h	27.07	64.39	66.82		67.00	0.005983	1.85	14.62	11.94	0.53
Botro_Macchie	10.750'	Max WS	IT_TR200_TP1h	33.81	64.39	67.02		67.22	0.006100	1.98	17.07	12.74	0.55
Botro_Macchie	10.750'	Max WS	IT_TR200_TP2h	36.73	64.39	67.10		67.31	0.006117	2.03	18.11	13.06	0.55
Botro_Macchie	10.750'	Max WS	IT_TR200_TP3h	34.63	64.39	67.04		67.25	0.006098	1.99	17.37	12.83	0.55
Botro_Macchie	10.750'	Max WS	IT_TR030_TP0.5h	17.47	64.39	66.49		66.62	0.005617	1.61	10.85	10.43	0.50
Botro_Macchie	10.750'	Max WS	IT_TR030_TP1h	21.90	64.39	66.65		66.81	0.005848	1.73	12.65	11.25	0.52
Botro_Macchie	10.750'	Max WS	IT_TR030_TP2h	23.74	64.39	66.72		66.88	0.005898	1.78	13.37	11.50	0.53
Botro_Macchie	10.750'	Max WS	IT_TR030_TP3h	22.47	64.39	66.67		66.83	0.005865	1.75	12.87	11.33	0.52
Botro_Macchie	10.750'	Max WS	IT_TR200_TP4h	32.08	64.39	66.97		67.17	0.006055	1.95	16.47	12.54	0.54
Botro_Macchie	10.750'	Max WS	IT_TR200_TP6h	27.42	64.39	66.83		67.01	0.005986	1.86	14.76	11.98	0.53
Botro_Macchie	10.750'	Max WS	IT_TR030_TP4h	20.71	64.39	66.61		66.76	0.005813	1.70	12.18	11.08	0.52
Botro_Macchie	10.750'	Max WS	IT_TR030_TP6h	17.59	64.39	66.49		66.62	0.005620	1.61	10.90	10.46	0.50
Botro_Macchie	10.500'	Max WS	IT_TR200_TP0.5h	27.07	64.24	66.74		66.90	0.005555	1.79	15.15	12.30	0.51
Botro_Macchie	10.500'	Max WS	IT_TR200_TP1h	33.81	64.24	66.93		67.12	0.005696	1.92	17.65	13.14	0.53
Botro_Macchie	10.500'	Max WS	IT_TR200_TP2h	36.73	64.24	67.02		67.21	0.005717	1.96	18.73	13.49	0.53
Botro_Macchie	10.500'	Max WS	IT_TR200_TP3h	34.63	64.24	66.96		67.15	0.005696	1.93	17.96	13.24	0.53
Botro_Macchie	10.500'	Max WS	IT_TR030_TP0.5h	17.47	64.24	66.41		66.53	0.005150	1.54	11.31	10.83	0.48
Botro_Macchie	10.500'	Max WS	IT_TR030_TP1h	21.88	64.24	66.57		66.71	0.005374	1.67	13.14	11.59	0.50
Botro_Macchie	10.500'	Max WS	IT_TR030_TP2h	23.73	64.24	66.63		66.78	0.005447	1.71	13.87	11.85	0.51
Botro_Macchie	10.500'	Max WS	IT_TR030_TP3h	22.46	64.24	66.59		66.73	0.005402	1.68	13.37	11.67	0.50
Botro_Macchie	10.500'	Max WS	IT_TR200_TP4h	32.07	64.24	66.89		67.07	0.005654	1.88	17.03	12.94	0.52
Botro_Macchie	10.500'	Max WS	IT_TR200_TP6h	27.42	64.24	66.75		66.91	0.005561	1.79	15.29	12.35	0.51
Botro_Macchie	10.500'	Max WS	IT_TR030_TP4h	20.71	64.24	66.53		66.66	0.005335	1.64	12.66	11.41	0.50
Botro_Macchie	10.500'	Max WS	IT_TR030_TP6h	17.59	64.24	66.41		66.53	0.005152	1.55	11.37	10.86	0.48
Botro_Macchie	10.250'	Max WS	IT_TR200_TP0.5h	27.07	64.08	66.66		66.81	0.005099	1.72	15.78	12.73	0.49
Botro_Macchie	10.250'	Max WS	IT_TR200_TP1h	33.81	64.08	66.86		67.03	0.005264	1.84	18.35	13.61	0.51
Botro_Macchie	10.250'	Max WS	IT_TR200_TP2h	36.73	64.08	66.94		67.12	0.005290	1.89	19.46	13.97	0.51
Botro_Macchie	10.250'	Max WS	IT_TR200_TP3h	34.62	64.08	66.88		67.05	0.005267	1.85	18.67	13.71</	

HEC-RAS River: Botro_Macchie Reach: Botro_Macchie 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
Botro_Macchie	10.250*	Max WS	IT_TR030_TP6h	17.59	64.08	66.34		66.45	0.004628	1.47	11.94	11.28	0.46
Botro_Macchie	10	Max WS	IT_TR200_TP0.5h	27.07	63.92	66.59		66.73	0.004629	1.64	16.52	13.22	0.47
Botro_Macchie	10	Max WS	IT_TR200_TP1h	33.80	63.92	66.78		66.94	0.004819	1.76	19.15	14.14	0.48
Botro_Macchie	10	Max WS	IT_TR200_TP2h	36.73	63.92	66.86		67.03	0.004849	1.81	20.31	14.53	0.49
Botro_Macchie	10	Max WS	IT_TR200_TP3h	34.62	63.92	66.81		66.97	0.004824	1.78	19.49	14.25	0.49
Botro_Macchie	10	Max WS	IT_TR030_TP0.5h	17.46	63.92	66.27		66.37	0.004077	1.39	12.56	11.69	0.43
Botro_Macchie	10	Max WS	IT_TR030_TP1h	21.87	63.92	66.43		66.55	0.004367	1.52	14.44	12.44	0.45
Botro_Macchie	10	Max WS	IT_TR030_TP2h	23.72	63.92	66.49		66.61	0.004469	1.56	15.19	12.73	0.46
Botro_Macchie	10	Max WS	IT_TR030_TP3h	22.45	63.92	66.45		66.57	0.004402	1.53	14.67	12.53	0.45
Botro_Macchie	10	Max WS	IT_TR200_TP4h	32.07	63.92	66.74		66.89	0.004772	1.73	18.50	13.91	0.48
Botro_Macchie	10	Max WS	IT_TR200_TP6h	27.42	63.92	66.60		66.74	0.004639	1.65	16.66	13.27	0.47
Botro_Macchie	10	Max WS	IT_TR030_TP4h	20.67	63.92	66.39		66.50	0.004290	1.48	13.94	12.25	0.44
Botro_Macchie	10	Max WS	IT_TR030_TP6h	17.59	63.92	66.28		66.38	0.004080	1.39	12.62	11.72	0.43
Botro_Macchie	9.7500*	Max WS	IT_TR200_TP0.5h	27.07	63.77	66.52		66.66	0.004800	1.64	16.55	13.71	0.48
Botro_Macchie	9.7500*	Max WS	IT_TR200_TP1h	33.80	63.77	66.71		66.87	0.004910	1.75	19.27	14.61	0.49
Botro_Macchie	9.7500*	Max WS	IT_TR200_TP2h	36.72	63.77	66.79		66.96	0.004905	1.79	20.46	14.99	0.49
Botro_Macchie	9.7500*	Max WS	IT_TR200_TP3h	34.62	63.77	66.74		66.89	0.004909	1.77	19.61	14.72	0.49
Botro_Macchie	9.7500*	Max WS	IT_TR030_TP0.5h	17.46	63.77	66.21		66.31	0.004367	1.40	12.51	12.24	0.44
Botro_Macchie	9.7500*	Max WS	IT_TR030_TP1h	21.87	63.77	66.36		66.48	0.004591	1.52	14.44	12.96	0.46
Botro_Macchie	9.7500*	Max WS	IT_TR030_TP2h	23.72	63.77	66.42		66.54	0.004676	1.56	15.20	13.23	0.47
Botro_Macchie	9.7500*	Max WS	IT_TR030_TP3h	22.45	63.77	66.38		66.50	0.004625	1.53	14.67	13.05	0.46
Botro_Macchie	9.7500*	Max WS	IT_TR200_TP4h	32.04	63.77	66.67		66.82	0.004870	1.72	18.59	14.39	0.48
Botro_Macchie	9.7500*	Max WS	IT_TR200_TP6h	27.42	63.77	66.53		66.67	0.004809	1.64	16.70	13.76	0.48
Botro_Macchie	9.7500*	Max WS	IT_TR030_TP4h	20.67	63.77	66.32		66.43	0.004531	1.48	13.93	12.78	0.45
Botro_Macchie	9.7500*	Max WS	IT_TR030_TP6h	17.59	63.77	66.21		66.31	0.004370	1.40	12.58	12.27	0.44
Botro_Macchie	9.5000*	Max WS	IT_TR200_TP0.5h	27.06	63.62	66.45		66.58	0.005091	1.63	16.56	14.33	0.49
Botro_Macchie	9.5000*	Max WS	IT_TR200_TP1h	33.80	63.62	66.64		66.79	0.005042	1.74	19.39	15.13	0.49
Botro_Macchie	9.5000*	Max WS	IT_TR200_TP2h	36.72	63.62	66.72		66.88	0.004974	1.78	20.65	15.47	0.49
Botro_Macchie	9.5000*	Max WS	IT_TR200_TP3h	34.62	63.62	66.66		66.82	0.005020	1.75	19.76	15.23	0.49
Botro_Macchie	9.5000*	Max WS	IT_TR030_TP0.5h	17.46	63.62	66.14		66.24	0.004812	1.41	12.38	12.77	0.46
Botro_Macchie	9.5000*	Max WS	IT_TR030_TP1h	21.87	63.62	66.29		66.41	0.004959	1.52	14.36	13.54	0.47
Botro_Macchie	9.5000*	Max WS	IT_TR030_TP2h	23.71	63.62	66.35		66.47	0.005018	1.57	15.15	13.83	0.48
Botro_Macchie	9.5000*	Max WS	IT_TR030_TP3h	22.45	63.62	66.31		66.43	0.004983	1.54	14.60	13.63	0.47
Botro_Macchie	9.5000*	Max WS	IT_TR200_TP4h	32.06	63.62	66.59		66.74	0.005049	1.72	18.68	14.93	0.49
Botro_Macchie	9.5000*	Max WS	IT_TR200_TP6h	27.42	63.62	66.46		66.59	0.005088	1.64	16.71	14.38	0.49
Botro_Macchie	9.5000*	Max WS	IT_TR030_TP4h	20.66	63.62	66.25		66.36	0.004914	1.49	13.84	13.34	0.47
Botro_Macchie	9.5000*	Max WS	IT_TR030_TP6h	17.59	63.62	66.14		66.24	0.004808	1.41	12.45	12.80	0.46
Botro_Macchie	9.2500*	Max WS	IT_TR200_TP0.5h	27.06	63.48	66.37		66.50	0.005431	1.64	16.53	14.86	0.50
Botro_Macchie	9.2500*	Max WS	IT_TR200_TP1h	33.79	63.48	66.56		66.72	0.005193	1.73	19.52	15.60	0.49
Botro_Macchie	9.2500*	Max WS	IT_TR200_TP2h	36.71	63.48	66.65		66.80	0.005063	1.76	20.85	15.91	0.49
Botro_Macchie	9.2500*	Max WS	IT_TR200_TP3h	34.62	63.48	66.59		66.74	0.005155	1.74	19.90	15.69	0.49
Botro_Macchie	9.2500*	Max WS	IT_TR030_TP0.5h	17.46	63.48	66.05		66.16	0.005606	1.45	12.08	13.40	0.49
Botro_Macchie	9.2500*	Max WS	IT_TR030_TP1h	21.86	63.48	66.21		66.33	0.005555	1.54	14.20	14.26	0.49
Botro_Macchie	9.2500*	Max WS	IT_TR030_TP2h	23.71	63.48	66.26		66.39	0.005509	1.58	15.04	14.48	0.49
Botro_Macchie	9.2500*	Max WS	IT_TR030_TP3h	22.42	63.48	66.22		66.35	0.005537	1.55	14.46	14.33	0.49
Botro_Macchie	9.2500*	Max WS	IT_TR200_TP4h	32.04	63.48	66.51		66.66	0.005231	1.71	18.78	15.42	0.49
Botro_Macchie	9.2500*	Max WS	IT_TR200_TP6h	27.42	63.48	66.38		66.51	0.005418	1.64	16.68	14.90	0.50
Botro_Macchie	9.2500*	Max WS	IT_TR030_TP4h	20.66	63.48	66.17		66.28	0.005590	1.51	13.64	14.11	0.49
Botro_Macchie	9.2500*	Max WS	IT_TR030_TP6h	17.59	63.48	66.06		66.17	0.005597	1.45	12.15	13.43	0.49
Botro_Macchie	09	Max WS	IT_TR200_TP0.5h	27.06	63.33	66.28		66.42	0.005929	1.65	16.38	15.31	0.51
Botro_Macchie	09	Max WS	IT_TR200_TP1h	33.79	63.33	66.48		66.63	0.005406	1.72	19.61	16.02	0.50
Botro_Macchie	09	Max WS	IT_TR200_TP2h	36.71	63.33	66.57		66.73	0.005185	1.75	21.03	16.32	0.49
Botro_Macchie	09	Max WS	IT_TR200_TP3h	34.62	63.33	66.51		66.66	0.005336	1.73	20.02	16.11	0.50
Botro_Macchie	09	Max WS	IT_TR030_TP0.5h	17.45	63.33	65.94		66.06	0.007296	1.52	11.45	14.16	0.54
Botro_Macchie	09	Max WS	IT_TR030_TP1h	21.86	63.33	66.11		66.24	0.006420	1.58	13.85	14.73	0.52
Botro_Macchie	09	Max WS	IT_TR030_TP2h	23.71	63.33	66.17		66.30	0.006222	1.61	14.76	14.94	0.52
Botro_Macchie	09	Max WS	IT_TR030_TP3h	22.42	63.33	66.13		66.26	0.006349	1.59	14.13	14.80	0.52
Botro_Macchie	09	Max WS	IT_TR200_TP4h	32.06	63.33	66.43		66.58	0.005504	1.70	18.81	15.85	0.50
Botro_Macchie	09	Max WS	IT_TR200_TP6h	27.41	63.33	66.29		66.43	0.005897	1.66	16.56	15.35	0.51
Botro_Macchie	09	Max WS	IT_TR030_TP4h	20.66	63.33	66.07		66.19	0.006576	1.56	13.23	14.58	0.52
Botro_Macchie	09	Max WS	IT_TR030_TP6h	17.59	63.33	65.95		66.07	0.007241	1.52	11.54	14.18	0.54
Botro_Macchie	8.7500*	Max WS	IT_TR200_TP0.5h	27.06	63.19	66.15		66.30	0.006161	1.72	15.75	14.30	0.52
Botro_Macchie	8.7500*	Max WS	IT_TR200_TP1h	33.78	63.19	66.37		66.53	0.005581	1.78	18.94	15.05	0.51
Botro_Macchie	8.7500*	Max WS	IT_TR200_TP2h	36.71	63.19	66.46		66.63	0.005340	1.80	20.35	15.38	0.50
Botro_Macchie	8.7500*	Max WS	IT_TR200_TP3h	34.62	63.19	66.39		66.56	0.005508	1.79	19.34	15.15	0.51
Botro_Macchie	8.7500*	Max WS	IT_TR030_TP0.5h	17.45	63.19	65.78		65.91	0.008135	1.64	10.66	12.82	0.57
Botro_Macchie	8.7500*	Max WS	IT_TR030_TP1h	21.85	63.19	65.97		66.11	0.006745	1.65	13.24	13.67	0.54
Botro_Macchie	8.7500*	Max WS	IT_TR030_TP2h	23.71	63.19	66.04		66.18	0.006493	1.67	14.16	13.90	0.53
Botro_Macchie	8.7500*	Max WS	IT_TR030_TP3h	22.42	63.19	65.99		66.13	0.006651	1.66	13.53	13.75	0.53
Botro_Macchie	8.7500*	Max WS	IT_TR200_TP4h	32.05	63.19	66.31		66.47	0.005688	1.77	18.15	14.87	0.51
Botro_Macchie	8.7500*	Max WS	IT_TR200_TP6h	27.41	63.19	66.16		66.31	0.006126	1.72	15.92	14.34	0.52
Botro_Macchie	8.7500*	Max WS	IT_TR030_TP4h	20.65	63.19	65.92		66.06	0.006951	1.64	12.62	13.51	0.54
Botro_Macchie	8.7500*	Max WS	IT_TR030_TP6h	17.59	63.19	65.78		65.92	0.008115	1.64	10.76	12.96	0.57
Botro_Macchie	8.5000*	Max WS	IT_TR200_TP0.5h	27.06	63.04	66.01		66.18	0.006602	1.80	15.00	13.28	0.54
Botro_Macchie	8.5000*	Max WS	IT_TR200_TP1h	33.78	63.04	66.24		66.42	0.005910	1.86	18.15	14.10	0.52
Botro_Macchie	8.5000*	Max WS	IT_TR200_TP2h	36.70	63.04	66.34		66.52	0.005630	1.88	19.55	14.44	0.52
Botro_Macchie	8.5000*	Max WS	IT_TR200_TP3h	34.62	63.04	66.27		66.45	0.005826	1.87	18.55	14.20	0.52
Botro_Macchie	8.5000*	Max WS	IT_TR030_TP0.5h	17.45	63.04	65.60		65.76	0.008091	1.76	9.91	10.44	0.58
Botro_Macchie	8.5000*	Max WS	IT_TR030_TP1h	21.85	63.04	65.82		65.97	0.007388	1.75	12.48	12.58	0.56
Botro_Macchie	8.5000*	Max WS	IT_TR030_TP2h	23.70	63.04	65.89		66.05	0.007016	1.77	13.42	12.85	0.55
Botro_Macchie	8.5000*	Max WS	IT_TR030_TP3h	22.42	63.04	65.84		66.00	0.007237	1.75	12.79	12.67	0.56
Botro_Macchie	8.5000*	Max WS	IT_TR200_TP4h	32.05	63.04	66.19		66.36	0.006037	1.84	17.37	13.90	0.53
Botro_Macchie	8.5000*	Max WS	IT_TR200_TP6h	27.41	63.04	66.02		66.19	0.006559	1.81	15.17	13.32	0.54
Botro_Macchie	8.5000*	Max WS	IT_TR030_TP4h	20.65	63.04	65.76		65.92	0.007743	1.75	11.82	12.39	0.57
Botro_Macchie	8.5000*	Max WS	IT_TR030_TP6h	17.59	63.04	65.61		65.77	0.008104	1.76	9.99	10.55	0.58
Botro_Macchie	8.2500*	Max WS	IT_TR200_TP0.5h	27.05	62.89	65.85		66.04	0.007513	1.93	13.99	12.19	0.58

HEC-RAS River: Botro_Macchie Reach: Botro_Macchie 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
Botro_Macchie	8.2500*	Max WS	IT_TR200_TP4h	32.04	62.89	66.04		66.24	0.006701	1.96	16.39	12.91	0.55
Botro_Macchie	8.2500*	Max WS	IT_TR200_TP6h	27.41	62.89	65.86		66.06	0.007450	1.94	14.16	12.25	0.57
Botro_Macchie	8.2500*	Max WS	IT_TR030_TP4h	20.64	62.89	65.57		65.76	0.008716	1.91	10.79	10.59	0.61
Botro_Macchie	8.2500*	Max WS	IT_TR030_TP6h	17.59	62.89	65.42		65.60	0.008941	1.90	9.23	9.15	0.61
Botro_Macchie	08	Max WS	IT_TR200_TP0.5h	27.05	62.75	65.63		65.87	0.009929	2.19	12.36	10.87	0.66
Botro_Macchie	08	Max WS	IT_TR200_TP1h	33.77	62.75	65.92		66.16	0.007845	2.14	15.78	12.07	0.60
Botro_Macchie	08	Max WS	IT_TR200_TP2h	36.69	62.75	66.05		66.28	0.007217	2.12	17.27	12.55	0.58
Botro_Macchie	08	Max WS	IT_TR200_TP3h	34.61	62.75	65.96		66.19	0.007647	2.13	16.22	12.21	0.59
Botro_Macchie	08	Max WS	IT_TR030_TP0.5h	17.44	62.75	65.13		65.39	0.012178	2.23	7.83	7.51	0.70
Botro_Macchie	08	Max WS	IT_TR030_TP1h	21.84	62.75	65.37		65.62	0.011175	2.23	9.81	8.99	0.68
Botro_Macchie	08	Max WS	IT_TR030_TP2h	23.70	62.75	65.47		65.72	0.010885	2.21	10.70	9.80	0.68
Botro_Macchie	08	Max WS	IT_TR030_TP3h	22.42	62.75	65.40		65.65	0.011117	2.22	10.08	9.27	0.68
Botro_Macchie	08	Max WS	IT_TR200_TP4h	32.04	62.75	65.86		66.09	0.008181	2.14	14.97	11.79	0.61
Botro_Macchie	08	Max WS	IT_TR200_TP6h	27.41	62.75	65.64		65.89	0.009768	2.18	12.55	10.94	0.65
Botro_Macchie	08	Max WS	IT_TR030_TP4h	20.64	62.75	65.31		65.56	0.011473	2.23	9.26	8.60	0.69
Botro_Macchie	08	Max WS	IT_TR030_TP6h	17.59	62.75	65.14		65.39	0.012131	2.23	7.90	7.57	0.70
Botro_Macchie	7.7500*	Max WS	IT_TR200_TP0.5h	27.04	62.63	65.50		65.72	0.007264	2.05	13.21	10.08	0.57
Botro_Macchie	7.7500*	Max WS	IT_TR200_TP1h	33.76	62.63	65.83		66.04	0.006013	2.03	16.61	11.10	0.53
Botro_Macchie	7.7500*	Max WS	IT_TR200_TP2h	36.69	62.63	65.95		66.16	0.005656	2.03	18.04	11.50	0.52
Botro_Macchie	7.7500*	Max WS	IT_TR200_TP3h	34.61	62.63	65.86		66.07	0.005899	2.03	17.03	11.22	0.53
Botro_Macchie	7.7500*	Max WS	IT_TR030_TP0.5h	17.44	62.63	64.97		65.19	0.009939	2.08	8.37	7.75	0.64
Botro_Macchie	7.7500*	Max WS	IT_TR030_TP1h	21.84	62.63	65.23		65.45	0.008727	2.07	10.57	9.13	0.61
Botro_Macchie	7.7500*	Max WS	IT_TR030_TP2h	23.70	62.63	65.33		65.55	0.008150	2.06	11.52	9.53	0.60
Botro_Macchie	7.7500*	Max WS	IT_TR030_TP3h	22.41	62.63	65.26		65.48	0.008553	2.06	10.87	9.29	0.61
Botro_Macchie	7.7500*	Max WS	IT_TR200_TP4h	32.03	62.63	65.75		65.96	0.006186	2.02	15.82	10.88	0.54
Botro_Macchie	7.7500*	Max WS	IT_TR200_TP6h	27.41	62.63	65.52		65.74	0.007159	2.04	13.41	10.14	0.57
Botro_Macchie	7.7500*	Max WS	IT_TR030_TP4h	20.64	62.63	65.16		65.38	0.009089	2.07	9.96	8.81	0.62
Botro_Macchie	7.7500*	Max WS	IT_TR030_TP6h	17.59	62.63	64.98		65.20	0.009886	2.08	8.44	7.81	0.64
Botro_Macchie	7.5000*	Max WS	IT_TR200_TP0.5h	27.04	62.50	65.41		65.61	0.005755	1.96	13.78	9.20	0.51
Botro_Macchie	7.5000*	Max WS	IT_TR200_TP1h	33.76	62.50	65.74		65.94	0.005081	1.99	16.96	10.04	0.49
Botro_Macchie	7.5000*	Max WS	IT_TR200_TP2h	36.69	62.50	65.87		66.07	0.004894	2.01	18.27	10.36	0.48
Botro_Macchie	7.5000*	Max WS	IT_TR200_TP3h	34.61	62.50	65.78		65.98	0.005022	2.00	17.34	10.13	0.49
Botro_Macchie	7.5000*	Max WS	IT_TR030_TP0.5h	17.44	62.50	64.85		65.04	0.007624	1.93	9.01	7.66	0.57
Botro_Macchie	7.5000*	Max WS	IT_TR030_TP1h	21.83	62.50	65.12		65.31	0.006568	1.94	11.24	8.47	0.54
Botro_Macchie	7.5000*	Max WS	IT_TR030_TP2h	23.70	62.50	65.23		65.42	0.006225	1.95	12.16	8.74	0.53
Botro_Macchie	7.5000*	Max WS	IT_TR030_TP3h	22.41	62.50	65.16		65.35	0.006447	1.94	11.53	8.55	0.53
Botro_Macchie	7.5000*	Max WS	IT_TR200_TP4h	32.00	62.50	65.67		65.87	0.005142	1.97	16.23	9.86	0.49
Botro_Macchie	7.5000*	Max WS	IT_TR200_TP6h	27.41	62.50	65.43		65.63	0.005694	1.96	13.97	9.25	0.51
Botro_Macchie	7.5000*	Max WS	IT_TR030_TP4h	20.63	62.50	65.05		65.24	0.006827	1.94	10.64	8.28	0.55
Botro_Macchie	7.5000*	Max WS	IT_TR030_TP6h	17.59	62.50	64.86		65.05	0.007568	1.93	9.10	7.70	0.57
Botro_Macchie	7.2500*	Max WS	IT_TR200_TP0.5h	27.04	62.37	65.32		65.51	0.005220	1.96	13.79	8.19	0.48
Botro_Macchie	7.2500*	Max WS	IT_TR200_TP1h	33.76	62.37	65.65		65.86	0.004939	2.04	16.59	8.88	0.47
Botro_Macchie	7.2500*	Max WS	IT_TR200_TP2h	36.69	62.37	65.78		65.99	0.004752	2.07	17.83	10.50	0.47
Botro_Macchie	7.2500*	Max WS	IT_TR200_TP3h	34.61	62.37	65.68		65.90	0.004881	2.05	16.93	9.36	0.47
Botro_Macchie	7.2500*	Max WS	IT_TR030_TP0.5h	17.44	62.37	64.74		64.92	0.006106	1.85	9.43	7.02	0.51
Botro_Macchie	7.2500*	Max WS	IT_TR030_TP1h	21.83	62.37	65.03		65.21	0.005579	1.90	11.49	7.59	0.49
Botro_Macchie	7.2500*	Max WS	IT_TR030_TP2h	23.69	62.37	65.14		65.32	0.005422	1.92	12.33	7.82	0.49
Botro_Macchie	7.2500*	Max WS	IT_TR030_TP3h	22.41	62.37	65.06		65.25	0.005519	1.91	11.76	7.66	0.49
Botro_Macchie	7.2500*	Max WS	IT_TR200_TP4h	32.00	62.37	65.58		65.78	0.004915	2.00	15.97	8.70	0.47
Botro_Macchie	7.2500*	Max WS	IT_TR200_TP6h	27.41	62.37	65.34		65.54	0.005188	1.96	13.96	8.23	0.48
Botro_Macchie	7.2500*	Max WS	IT_TR030_TP4h	20.63	62.37	64.95		65.13	0.005697	1.89	10.94	7.44	0.50
Botro_Macchie	7.2500*	Max WS	IT_TR030_TP6h	17.59	62.37	64.76		64.93	0.006069	1.85	9.51	7.04	0.51
Botro_Macchie	07	Max WS	IT_TR200_TP0.5h	27.04	62.25	65.20		65.42	0.005787	2.08	12.98	7.00	0.49
Botro_Macchie	07	Max WS	IT_TR200_TP1h	33.75	62.25	65.52		65.77	0.005696	2.21	15.38	9.07	0.49
Botro_Macchie	07	Max WS	IT_TR200_TP2h	36.68	62.25	65.65		65.91	0.005535	2.24	16.71	11.30	0.49
Botro_Macchie	07	Max WS	IT_TR200_TP3h	34.61	62.25	65.56		65.81	0.005656	2.22	15.74	9.64	0.49
Botro_Macchie	07	Max WS	IT_TR030_TP0.5h	17.43	62.25	64.64		64.82	0.005845	1.87	9.31	6.12	0.48
Botro_Macchie	07	Max WS	IT_TR030_TP1h	21.83	62.25	64.92		65.12	0.005777	1.97	11.06	6.56	0.49
Botro_Macchie	07	Max WS	IT_TR030_TP2h	23.69	62.25	65.02		65.23	0.005769	2.01	11.77	6.72	0.49
Botro_Macchie	07	Max WS	IT_TR030_TP3h	22.41	62.25	64.95		65.15	0.005767	1.99	11.29	6.61	0.49
Botro_Macchie	07	Max WS	IT_TR200_TP4h	31.95	62.25	65.45		65.69	0.005657	2.16	14.80	8.06	0.49
Botro_Macchie	07	Max WS	IT_TR200_TP6h	27.41	62.25	65.22		65.44	0.005777	2.09	13.12	7.04	0.49
Botro_Macchie	07	Max WS	IT_TR030_TP4h	20.63	62.25	64.84		65.04	0.005789	1.95	10.59	6.44	0.48
Botro_Macchie	07	Max WS	IT_TR030_TP6h	17.59	62.25	64.65		64.83	0.005832	1.88	9.38	6.13	0.48
Botro_Macchie	6.5000*	Max WS	IT_TR200_TP0.5h	27.04	62.15	65.12		65.34	0.005805	2.08	12.99	7.01	0.49
Botro_Macchie	6.5000*	Max WS	IT_TR200_TP1h	33.75	62.15	65.44		65.69	0.005555	2.20	15.61	9.80	0.48
Botro_Macchie	6.5000*	Max WS	IT_TR200_TP2h	36.68	62.15	65.58		65.83	0.005357	2.23	17.08	12.24	0.48
Botro_Macchie	6.5000*	Max WS	IT_TR200_TP3h	34.61	62.15	65.48		65.73	0.005505	2.21	16.00	10.23	0.48
Botro_Macchie	6.5000*	Max WS	IT_TR030_TP0.5h	17.43	62.15	64.56		64.74	0.005836	1.87	9.32	6.10	0.48
Botro_Macchie	6.5000*	Max WS	IT_TR030_TP1h	21.83	62.15	64.84		65.04	0.005781	1.97	11.08	6.55	0.48
Botro_Macchie	6.5000*	Max WS	IT_TR030_TP2h	23.69	62.15	64.95		65.15	0.005777	2.01	11.78	6.72	0.49
Botro_Macchie	6.5000*	Max WS	IT_TR030_TP3h	22.41	62.15	64.87		65.07	0.005773	1.98	11.30	6.60	0.48
Botro_Macchie	6.5000*	Max WS	IT_TR200_TP4h	31.99	62.15	65.37		65.61	0.005550	2.16	14.95	9.04	0.48
Botro_Macchie	6.5000*	Max WS	IT_TR200_TP6h	27.41	62.15	65.14		65.36	0.005795	2.09	13.13	7.04	0.49
Botro_Macchie	6.5000*	Max WS	IT_TR030_TP4h	20.63	62.15	64.77		64.96	0.005791	1.94	10.61	6.43	0.48
Botro_Macchie	6.5000*	Max WS	IT_TR030_TP6h	17.59	62.15	64.57		64.75	0.005823	1.87	9.39	6.11	0.48
Botro_Macchie	06	Max WS	IT_TR200_TP0.5h	27.03	62.05	64.98	64.13	65.25	0.005829	2.31	11.68	6.92	0.50
Botro_Macchie	06	Max WS	IT_TR200_TP1h	33.73	62.05	65.25	64.37	65.58	0.006131	2.57	13.14	9.10	0.53
Botro_Macchie	06	Max WS	IT_TR200_TP2h	36.67	62.05	65.35	64.47	65.71	0.006307	2.68	13.70	9.99	0.54
Botro_Macchie	06	Max WS	IT_TR200_TP3h	34.59	62.05	65.28	64.40	65.62	0.006185	2.60	13.31	9.36	0.53
Botro_Macchie	06	Max WS	IT_TR030_TP0.5h	17.43	62.05	64.47	63.75	64.66	0.005521	1.95	8.95	6.06	0.48
Botro_Macchie	06	Max WS	IT_TR030_TP1h	21.83	62.05	64.72	63.93	64.95	0.005699	2.12	10.32	6.49	0.49
Botro_Macchie	06	Max WS	IT_TR030_TP2h	23.69	62.05	64.82	64.00	65.06	0.005746	2.19	10.84	6.66	0.49
Botro_Macchie	06	Max WS	IT_TR030_TP3h	22.41	62.05	64.75	63.95	64.99	0.005723	2.14	10.49	6.54	0.49
Botro_Macchie	06	Max WS	IT_TR200_TP4h	32.01	62.05	65.19	64.31	65.51	0.005952	2.49	12.85	8.62	0.52
Botro_Macchie	06	Max WS	IT_TR200_TP6h	27.41	62.05	64.99	64.14	65.27	0.005828	2.33	11.78	6.95	0.50
Botro_Macchie	06	Max WS	IT_TR030_TP4h	20.63	62.05	64.66	63.88	64.87	0.005641	2.07	9.96	6.38	0.48

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

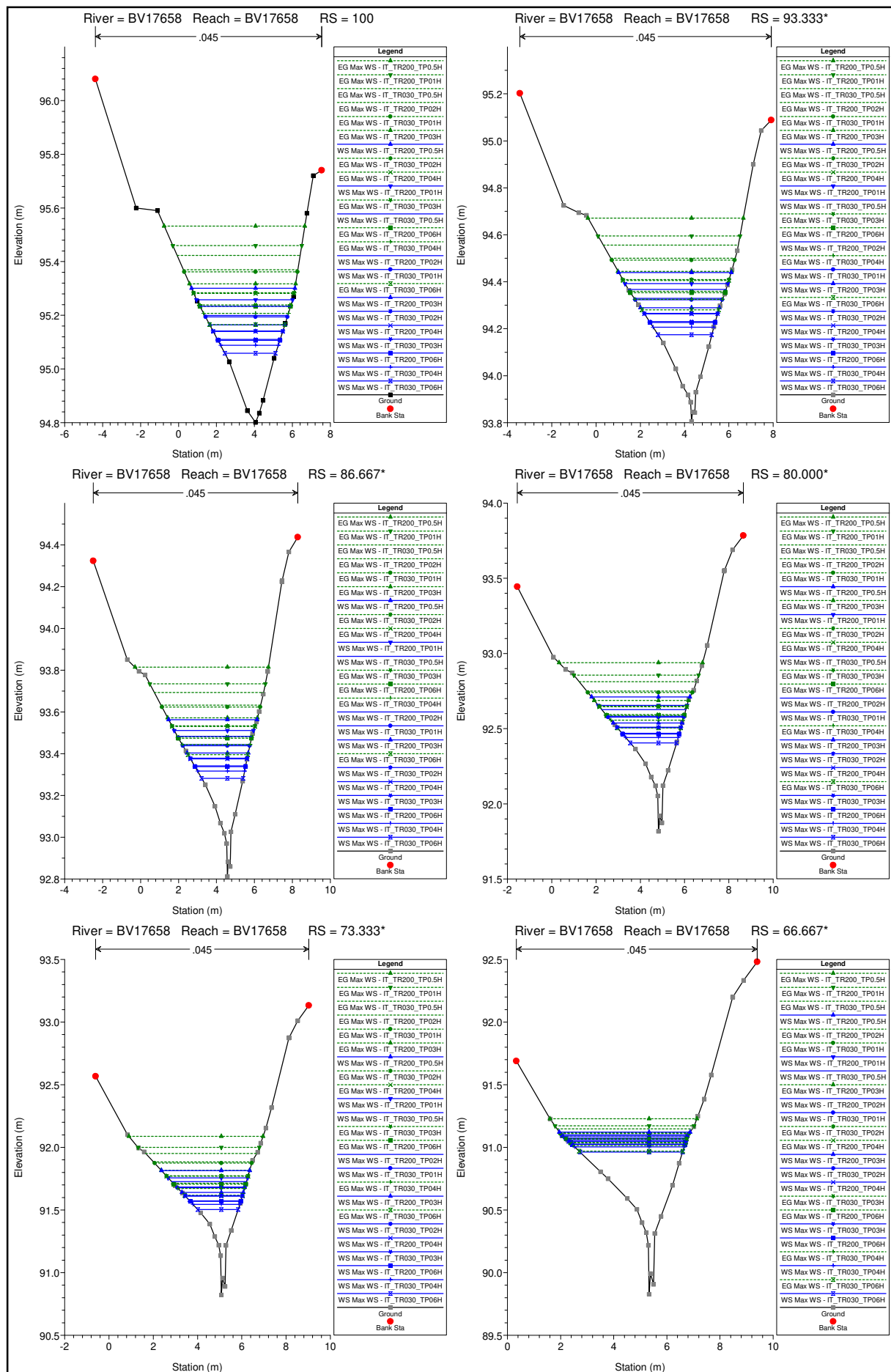
Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Botro_Macchie	05	Max WS	IT_TR200_TP3h	34.59	61.99	65.21		65.51	0.004098	2.43	14.26	12.97	0.48
Botro_Macchie	05	Max WS	IT_TR030_TP0.5h	17.43	61.99	64.46		64.61	0.003148	1.70	10.23	7.86	0.40
Botro_Macchie	05	Max WS	IT_TR030_TP1h	21.83	61.99	64.70		64.89	0.003304	1.89	11.54	8.56	0.41
Botro_Macchie	05	Max WS	IT_TR030_TP2h	23.69	61.99	64.79		64.99	0.003391	1.97	12.03	8.82	0.42
Botro_Macchie	05	Max WS	IT_TR030_TP3h	22.41	61.99	64.73		64.92	0.003326	1.92	11.70	8.65	0.42
Botro_Macchie	05	Max WS	IT_TR200_TP4h	32.04	61.99	65.13		65.41	0.003860	2.31	13.87	11.72	0.46
Botro_Macchie	05	Max WS	IT_TR200_TP6h	27.41	61.99	64.96		65.19	0.003592	2.12	12.90	9.29	0.44
Botro_Macchie	05	Max WS	IT_TR030_TP4h	20.63	61.99	64.64		64.81	0.003253	1.84	11.21	8.38	0.41
Botro_Macchie	05	Max WS	IT_TR030_TP6h	17.59	61.99	64.47		64.62	0.003148	1.71	10.29	7.89	0.40
Botro_Macchie	4.99			Lat Struct									
Botro_Macchie	4.98			Lat Struct									
Botro_Macchie	4.5000*	Max WS	IT_TR200_TP0.5h	27.01	61.91	64.94		65.09	0.003926	1.74	15.61	10.26	0.43
Botro_Macchie	4.5000*	Max WS	IT_TR200_TP1h	33.72	61.91	65.21		65.38	0.003701	1.85	19.00	15.86	0.42
Botro_Macchie	4.5000*	Max WS	IT_TR200_TP2h	36.65	61.91	65.31		65.48	0.003615	1.89	20.71	18.35	0.42
Botro_Macchie	4.5000*	Max WS	IT_TR200_TP3h	34.59	61.91	65.23		65.41	0.003686	1.86	19.47	16.58	0.43
Botro_Macchie	4.5000*	Max WS	IT_TR030_TP0.5h	17.43	61.91	64.43		64.55	0.003958	1.56	11.17	7.82	0.42
Botro_Macchie	4.5000*	Max WS	IT_TR030_TP1h	21.83	61.91	64.68		64.82	0.003980	1.64	13.27	8.65	0.42
Botro_Macchie	4.5000*	Max WS	IT_TR030_TP2h	23.69	61.91	64.78		64.92	0.003995	1.68	14.12	8.96	0.43
Botro_Macchie	4.5000*	Max WS	IT_TR030_TP3h	22.41	61.91	64.72		64.86	0.003978	1.65	13.54	8.75	0.42
Botro_Macchie	4.5000*	Max WS	IT_TR200_TP4h	31.92	61.91	65.15		65.32	0.003681	1.81	18.16	14.49	0.42
Botro_Macchie	4.5000*	Max WS	IT_TR200_TP6h	27.41	61.91	64.96		65.11	0.003912	1.74	15.80	10.45	0.43
Botro_Macchie	4.5000*	Max WS	IT_TR030_TP4h	20.63	61.91	64.62		64.75	0.003970	1.62	12.71	8.44	0.42
Botro_Macchie	4.5000*	Max WS	IT_TR030_TP6h	17.59	61.91	64.44		64.56	0.003953	1.56	11.25	7.85	0.42
Botro_Macchie	04	Max WS	IT_TR200_TP0.5h	27.01	61.84	64.88		65.04	0.003939	1.73	15.81	11.68	0.42
Botro_Macchie	04	Max WS	IT_TR200_TP1h	33.71	61.84	65.16		65.32	0.003650	1.82	19.67	17.70	0.42
Botro_Macchie	04	Max WS	IT_TR200_TP2h	36.63	61.84	65.26		65.43	0.003512	1.85	21.68	20.96	0.41
Botro_Macchie	04	Max WS	IT_TR200_TP3h	34.58	61.84	65.19		65.36	0.003621	1.83	20.21	18.64	0.42
Botro_Macchie	04	Max WS	IT_TR030_TP0.5h	17.42	61.84	64.37		64.50	0.004091	1.57	11.12	7.77	0.42
Botro_Macchie	04	Max WS	IT_TR030_TP1h	21.83	61.84	64.63		64.77	0.004154	1.65	13.23	8.71	0.43
Botro_Macchie	04	Max WS	IT_TR030_TP2h	23.69	61.84	64.73		64.87	0.004079	1.68	14.11	9.72	0.43
Botro_Macchie	04	Max WS	IT_TR030_TP3h	22.40	61.84	64.66		64.80	0.004142	1.66	13.50	8.91	0.43
Botro_Macchie	04	Max WS	IT_TR200_TP4h	31.97	61.84	65.10		65.26	0.003682	1.79	18.69	15.87	0.42
Botro_Macchie	04	Max WS	IT_TR200_TP6h	27.40	61.84	64.90		65.06	0.003919	1.74	16.03	11.91	0.42
Botro_Macchie	04	Max WS	IT_TR030_TP4h	20.63	61.84	64.56		64.70	0.004140	1.63	12.66	8.47	0.43
Botro_Macchie	04	Max WS	IT_TR030_TP6h	17.59	61.84	64.38		64.51	0.004091	1.57	11.21	7.81	0.42
Botro_Macchie	3.6667*	Max WS	IT_TR200_TP0.5h	27.01	61.75	64.78		64.95	0.004517	1.82	14.90	10.27	0.45
Botro_Macchie	3.6667*	Max WS	IT_TR200_TP1h	33.71	61.75	65.06		65.24	0.004283	1.92	18.17	14.02	0.45
Botro_Macchie	3.6667*	Max WS	IT_TR200_TP2h	36.64	61.75	65.16		65.35	0.004147	1.96	19.78	17.26	0.45
Botro_Macchie	3.6667*	Max WS	IT_TR200_TP3h	34.58	61.75	65.09		65.28	0.004259	1.94	18.59	14.94	0.45
Botro_Macchie	3.6667*	Max WS	IT_TR030_TP0.5h	17.42	61.75	64.27		64.41	0.004638	1.65	10.56	7.51	0.44
Botro_Macchie	3.6667*	Max WS	IT_TR030_TP1h	21.82	61.75	64.53		64.68	0.004667	1.74	12.57	8.36	0.45
Botro_Macchie	3.6667*	Max WS	IT_TR030_TP2h	23.69	61.75	64.62		64.78	0.004667	1.77	13.39	8.69	0.45
Botro_Macchie	3.6667*	Max WS	IT_TR030_TP3h	22.40	61.75	64.56		64.71	0.004664	1.75	12.83	8.46	0.45
Botro_Macchie	3.6667*	Max WS	IT_TR200_TP4h	31.95	61.75	65.00		65.18	0.004252	1.88	17.45	12.84	0.45
Botro_Macchie	3.6667*	Max WS	IT_TR200_TP6h	27.40	61.75	64.80		64.97	0.004488	1.83	15.10	10.49	0.45
Botro_Macchie	3.6667*	Max WS	IT_TR030_TP4h	20.62	61.75	64.46		64.61	0.004661	1.71	12.03	8.14	0.45
Botro_Macchie	3.6667*	Max WS	IT_TR030_TP6h	17.59	61.75	64.28		64.42	0.004633	1.65	10.64	7.54	0.44
Botro_Macchie	3.3333*	Max WS	IT_TR200_TP0.5h	27.01	61.65	64.67		64.86	0.005124	1.90	14.23	8.92	0.48
Botro_Macchie	3.3333*	Max WS	IT_TR200_TP1h	33.67	61.65	64.95		65.15	0.004873	2.01	17.10	11.91	0.47
Botro_Macchie	3.3333*	Max WS	IT_TR200_TP2h	36.61	61.65	65.05		65.26	0.004839	2.05	18.36	13.20	0.48
Botro_Macchie	3.3333*	Max WS	IT_TR200_TP3h	34.56	61.65	64.98		65.18	0.004895	2.02	17.43	12.21	0.48
Botro_Macchie	3.3333*	Max WS	IT_TR030_TP0.5h	17.42	61.65	64.16		64.31	0.005178	1.72	10.12	7.28	0.47
Botro_Macchie	3.3333*	Max WS	IT_TR030_TP1h	21.82	61.65	64.41		64.58	0.005173	1.81	12.05	8.05	0.47
Botro_Macchie	3.3333*	Max WS	IT_TR030_TP2h	23.69	61.65	64.51		64.68	0.005164	1.84	12.84	8.35	0.48
Botro_Macchie	3.3333*	Max WS	IT_TR030_TP3h	22.41	61.65	64.45		64.61	0.005165	1.82	12.30	8.14	0.47
Botro_Macchie	3.3333*	Max WS	IT_TR200_TP4h	31.95	61.65	64.89		65.09	0.004842	1.97	16.43	11.29	0.47
Botro_Macchie	3.3333*	Max WS	IT_TR200_TP6h	27.40	61.65	64.69		64.88	0.005086	1.90	14.40	9.13	0.48
Botro_Macchie	3.3333*	Max WS	IT_TR030_TP4h	20.62	61.65	64.35		64.51	0.005170	1.79	11.53	7.85	0.47
Botro_Macchie	3.3333*	Max WS	IT_TR030_TP6h	17.59	61.65	64.17		64.33	0.005170	1.72	10.20	7.31	0.47
Botro_Macchie	03	Max WS	IT_TR200_TP0.5h	27.00	61.56	64.55		64.75	0.005563	1.96	13.78	8.50	0.49
Botro_Macchie	03	Max WS	IT_TR200_TP1h	33.65	61.56	64.83		65.05	0.005459	2.08	16.29	10.41	0.50
Botro_Macchie	03	Max WS	IT_TR200_TP2h	36.60	61.56	64.93		65.16	0.005464	2.14	17.37	11.41	0.50
Botro_Macchie	03	Max WS	IT_TR200_TP3h	34.56	61.56	64.85		65.08	0.005507	2.10	16.56	10.67	0.50
Botro_Macchie	03	Max WS	IT_TR030_TP0.5h	17.42	61.56	64.05		64.21	0.005647	1.77	9.82	7.08	0.48
Botro_Macchie	03	Max WS	IT_TR030_TP1h	21.82	61.56	64.30		64.47	0.005615	1.87	11.68	7.78	0.49
Botro_Macchie	03	Max WS	IT_TR030_TP2h	23.68	61.56	64.39		64.58	0.005604	1.90	12.44	8.05	0.49
Botro_Macchie	03	Max WS	IT_TR030_TP3h	22.40	61.56	64.33		64.51	0.005608	1.88	11.92	7.87	0.49
Botro_Macchie	03	Max WS	IT_TR200_TP4h	31.93	61.56	64.78		64.99	0.005342	2.03	15.79	9.92	0.49
Botro_Macchie	03	Max WS	IT_TR200_TP6h	27.40	61.56	64.57		64.77	0.005547	1.96	13.94	8.56	0.49
Botro_Macchie	03	Max WS	IT_TR030_TP4h	20.62	61.56	64.23		64.41	0.005618	1.84	11.19	7.60	0.49
Botro_Macchie	03	Max WS	IT_TR030_TP6h	17.59	61.56	64.06		64.22	0.005641	1.78	9.89	7.11	0.48
Botro_Macchie	2.7500*	Max WS	IT_TR200_TP0.5h	26.99	61.45	64.44		64.64	0.005694	1.98	13.62	8.47	0.50
Botro_Macchie	2.7500*	Max WS	IT_TR200_TP1h	33.60	61.45	64.72		64.94	0.005521	2.09	16.18	10.53	0.50
Botro_Macchie	2.7500*	Max WS	IT_TR200_TP2h	36.59	61.45	64.81		65.05	0.005556	2.15	17.25	11.63	0.50
Botro_Macchie	2.7500*	Max WS	IT_TR200_TP3h	34.53	61.45	64.74		64.97	0.005602	2.12	16.43	10.80	0.50
Botro_Macchie	2.7500*	Max WS	IT_TR030_TP0.5h	17.42	61.45	63.93		64.09	0.005828	1.80	9.66	7.02	0.49
Botro_Macchie	2.7500*	Max WS	IT_TR030_TP1h	21.82	61.45	64.18		64.36	0.005777	1.89	11.52	7.73	0.50
Botro_Macchie	2.7500*	Max WS	IT_TR030_TP2h	23.68	61.45	64.28		64.47	0.005760	1.93	12.28	8.01	0.50
Botro_Macchie	2.7500*	Max WS	IT_TR030_TP3h	22.40	61.45	64.21		64.40	0.005769	1.91	11.76	7.82	0.50
Botro_Macchie	2.7500*	Max WS	IT_TR200_TP4h	31.91	61.45	64.66		64.88	0.005487	2.05	15.61	9.90	0.50
Botro_Macchie	2.7500*	Max WS	IT_TR200_TP6h	27.39	61.45	64.46		64.66	0.005674	1.99	13.79	8.53	0.50
Botro_Macchie	2.7500*	Max WS	IT_TR030_TP4h	20.61	61.45	64.12		64.29	0.005779	1.87	11.03	7.55	0.49
Botro_Macchie	2.7500*	Max WS	IT_TR030_TP6h	17.59	61.45	63.94		64.11	0.005819	1.81	9.74	7.05	0.49
Botro_Macchie	2.5000*	Max WS	IT_TR200_TP0.5h	26.98	61.35	64.33		64.53	0.005755	1.99	13.55	8.44	0.50
Botro_Macchie	2.5000*	Max WS	IT_TR200_TP1h	33.63	61.35	64.60		64.83	0.005598	2.10	16.11	10.60	0.50
Botro_Macchie	2.5000*	Max WS	IT_TR200_TP2h	36.51	61.35	64.71		64.94	0.005562	2.15	17.23	11.86	0.51
Botro_Macchie	2.5000*	Max WS	IT_TR200_TP3h	34.51	61.35	64.63		64.86	0.005672	2.13	16.35	10.88	0.51
Botro_Macchie	2.5000*	Max WS	IT_TR030_TP0.5h	17.41	61.35	63.81		63.98	0.005909	1.82	9.59	6.96	0.49
Botro_Macchie	2.5000*												

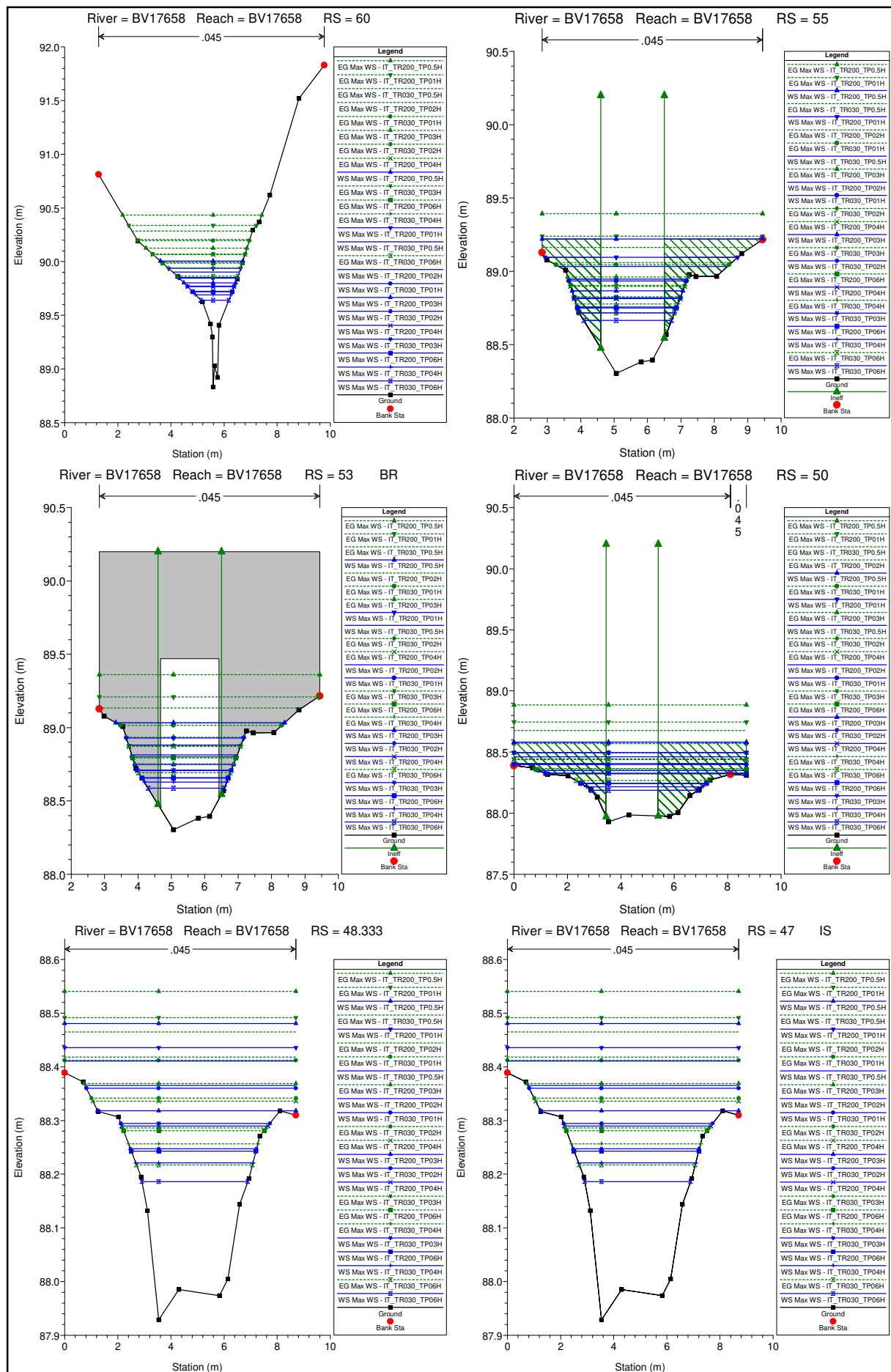
HEC-RAS River: Botro_Macchie Reach: Botro_Macchie Profile: Max WS (Continued)

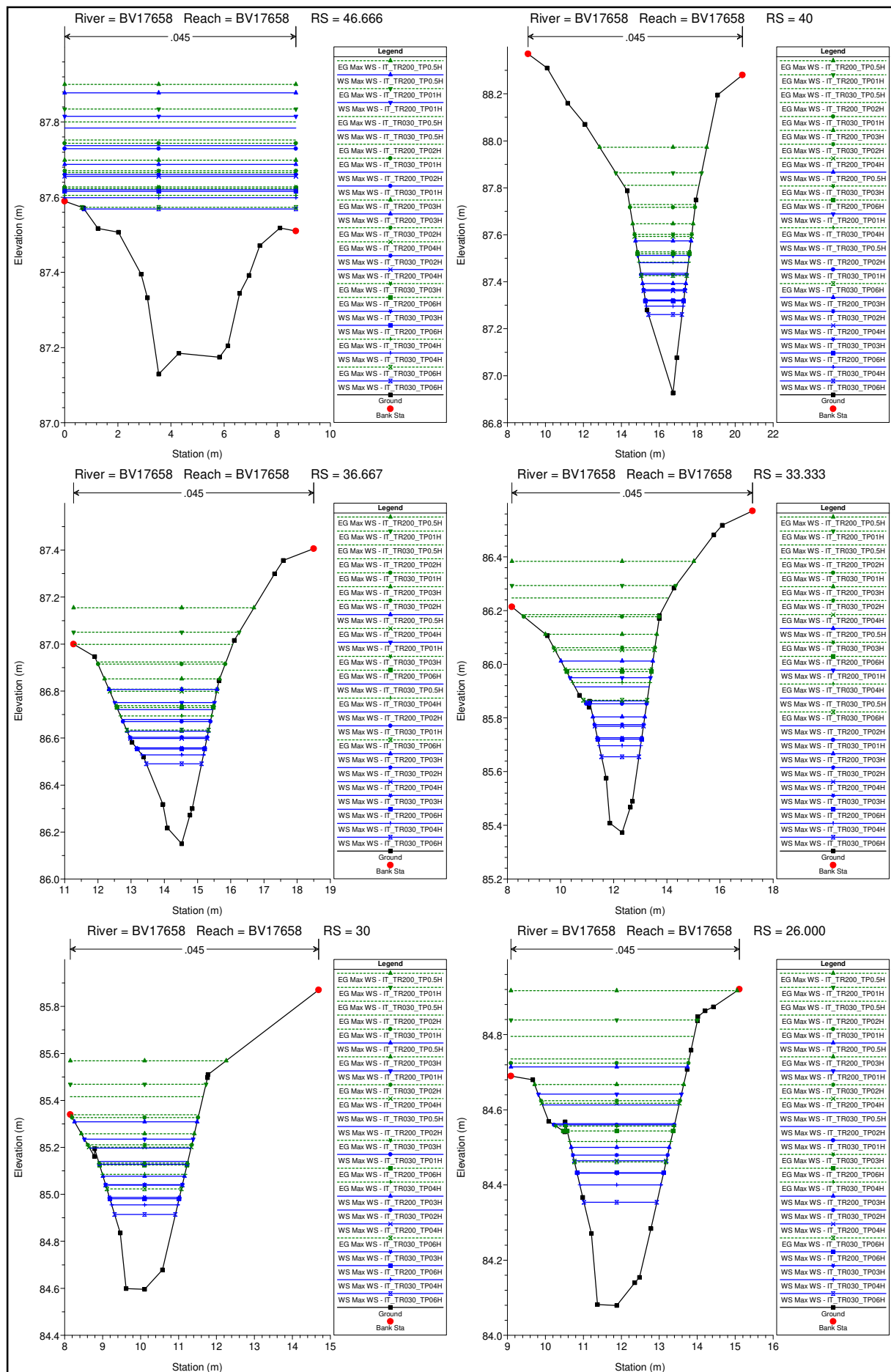
Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Botro_Macchie	2.5000*	Max WS	IT_TR200_TP6h	27.39	61.35	64.35		64.55	0.005737	2.00	13.72	8.50	0.50
Botro_Macchie	2.5000*	Max WS	IT_TR030_TP4h	20.61	61.35	64.00		64.18	0.005858	1.88	10.95	7.50	0.50
Botro_Macchie	2.5000*	Max WS	IT_TR030_TP6h	17.59	61.35	63.82		63.99	0.005900	1.82	9.67	6.99	0.49
Botro_Macchie	2.2500*	Max WS	IT_TR200_TP0.5h	26.93	61.24	64.22		64.42	0.005685	1.98	13.60	8.42	0.50
Botro_Macchie	2.2500*	Max WS	IT_TR200_TP1h	33.55	61.24	64.50		64.72	0.005529	2.09	16.18	10.73	0.50
Botro_Macchie	2.2500*	Max WS	IT_TR200_TP2h	36.49	61.24	64.60		64.83	0.005529	2.14	17.30	12.11	0.50
Botro_Macchie	2.2500*	Max WS	IT_TR200_TP3h	34.47	61.24	64.52		64.75	0.005647	2.12	16.38	11.00	0.51
Botro_Macchie	2.2500*	Max WS	IT_TR030_TP0.5h	17.37	61.24	63.70		63.86	0.005806	1.81	9.62	6.91	0.49
Botro_Macchie	2.2500*	Max WS	IT_TR030_TP1h	21.80	61.24	63.95		64.14	0.005812	1.90	11.46	7.65	0.50
Botro_Macchie	2.2500*	Max WS	IT_TR030_TP2h	23.67	61.24	64.05		64.24	0.005811	1.94	12.21	7.93	0.50
Botro_Macchie	2.2500*	Max WS	IT_TR030_TP3h	22.37	61.24	63.98		64.17	0.005795	1.91	11.70	7.74	0.50
Botro_Macchie	2.2500*	Max WS	IT_TR200_TP4h	31.86	61.24	64.44		64.66	0.005492	2.05	15.60	9.95	0.50
Botro_Macchie	2.2500*	Max WS	IT_TR200_TP6h	27.36	61.24	64.24		64.44	0.005680	1.99	13.76	8.48	0.50
Botro_Macchie	2.2500*	Max WS	IT_TR030_TP4h	20.59	61.24	63.89		64.07	0.005807	1.88	10.97	7.46	0.49
Botro_Macchie	2.2500*	Max WS	IT_TR030_TP6h	17.59	61.24	63.71		63.88	0.005830	1.81	9.70	6.94	0.49
Botro_Macchie	02	Max WS	IT_TR200_TP0.5h	26.92	61.14	64.11		64.30	0.005568	1.96	13.72	8.40	0.49
Botro_Macchie	02	Max WS	IT_TR200_TP1h	33.44	61.14	64.40		64.61	0.005359	2.06	16.37	10.94	0.49
Botro_Macchie	02	Max WS	IT_TR200_TP2h	36.39	61.14	64.49		64.72	0.005383	2.12	17.51	12.44	0.49
Botro_Macchie	02	Max WS	IT_TR200_TP3h	34.35	61.14	64.41		64.64	0.005494	2.09	16.56	11.20	0.50
Botro_Macchie	02	Max WS	IT_TR030_TP0.5h	17.34	61.14	63.59		63.75	0.005555	1.77	9.77	6.88	0.48
Botro_Macchie	02	Max WS	IT_TR030_TP1h	21.79	61.14	63.84		64.02	0.005644	1.88	11.60	7.62	0.49
Botro_Macchie	02	Max WS	IT_TR030_TP2h	23.67	61.14	63.94		64.13	0.005667	1.92	12.34	7.91	0.49
Botro_Macchie	02	Max WS	IT_TR030_TP3h	22.35	61.14	63.88		64.06	0.005620	1.89	11.85	7.72	0.49
Botro_Macchie	02	Max WS	IT_TR200_TP4h	31.66	61.14	64.35		64.55	0.005219	2.00	15.86	10.19	0.48
Botro_Macchie	02	Max WS	IT_TR200_TP6h	27.33	61.14	64.13		64.33	0.005540	1.96	13.91	8.47	0.49
Botro_Macchie	02	Max WS	IT_TR030_TP4h	20.47	61.14	63.78		63.95	0.005553	1.84	11.12	7.44	0.48
Botro_Macchie	02	Max WS	IT_TR030_TP6h	17.59	61.14	63.60		63.76	0.005607	1.79	9.85	6.91	0.48
Botro_Macchie	1.8333*	Max WS	IT_TR200_TP0.5h	26.88	61.03	63.99		64.19	0.005860	2.00	13.47	8.34	0.50
Botro_Macchie	1.8333*	Max WS	IT_TR200_TP1h	33.42	61.03	64.27		64.50	0.005676	2.09	16.06	10.88	0.50
Botro_Macchie	1.8333*	Max WS	IT_TR200_TP2h	36.38	61.03	64.37		64.61	0.005655	2.15	17.24	12.60	0.51
Botro_Macchie	1.8333*	Max WS	IT_TR200_TP3h	34.44	61.03	64.29		64.52	0.005870	2.14	16.23	11.14	0.51
Botro_Macchie	1.8333*	Max WS	IT_TR030_TP0.5h	17.33	61.03	63.47		63.64	0.005864	1.81	9.55	6.74	0.49
Botro_Macchie	1.8333*	Max WS	IT_TR030_TP1h	21.72	61.03	63.72		63.91	0.005971	1.92	11.33	7.51	0.50
Botro_Macchie	1.8333*	Max WS	IT_TR030_TP2h	23.66	61.03	63.81		64.01	0.006042	1.96	12.05	7.80	0.50
Botro_Macchie	1.8333*	Max WS	IT_TR030_TP3h	22.32	61.03	63.75		63.94	0.005963	1.93	11.57	7.61	0.50
Botro_Macchie	1.8333*	Max WS	IT_TR200_TP4h	31.82	61.03	64.21		64.43	0.005708	2.06	15.44	9.87	0.50
Botro_Macchie	1.8333*	Max WS	IT_TR200_TP6h	27.14	61.03	64.01		64.21	0.005757	1.99	13.66	8.42	0.50
Botro_Macchie	1.8333*	Max WS	IT_TR030_TP4h	20.44	61.03	63.66		63.84	0.005868	1.88	10.87	7.32	0.49
Botro_Macchie	1.8333*	Max WS	IT_TR030_TP6h	17.58	61.03	63.48		63.65	0.005940	1.83	9.61	6.77	0.49
Botro_Macchie	1.6667*	Max WS	IT_TR200_TP0.5h	26.63	60.93	63.86		64.07	0.006201	2.03	13.11	8.23	0.51
Botro_Macchie	1.6667*	Max WS	IT_TR200_TP1h	33.31	60.93	64.15		64.38	0.006033	2.13	15.70	10.73	0.52
Botro_Macchie	1.6667*	Max WS	IT_TR200_TP2h	36.35	60.93	64.24		64.49	0.006101	2.20	16.78	12.50	0.52
Botro_Macchie	1.6667*	Max WS	IT_TR200_TP3h	34.18	60.93	64.16		64.40	0.006212	2.17	15.84	10.98	0.52
Botro_Macchie	1.6667*	Max WS	IT_TR030_TP0.5h	17.33	60.93	63.34		63.52	0.006265	1.87	9.28	6.53	0.50
Botro_Macchie	1.6667*	Max WS	IT_TR030_TP1h	21.70	60.93	63.58		63.78	0.006460	1.98	10.97	7.33	0.52
Botro_Macchie	1.6667*	Max WS	IT_TR030_TP2h	23.63	60.93	63.67		63.88	0.006606	2.03	11.63	7.62	0.52
Botro_Macchie	1.6667*	Max WS	IT_TR030_TP3h	22.28	60.93	63.62		63.82	0.006441	1.99	11.22	7.44	0.52
Botro_Macchie	1.6667*	Max WS	IT_TR200_TP4h	31.75	60.93	64.09		64.32	0.006010	2.10	15.17	9.75	0.51
Botro_Macchie	1.6667*	Max WS	IT_TR200_TP6h	27.10	60.93	63.88		64.09	0.006196	2.04	13.29	8.31	0.51
Botro_Macchie	1.6667*	Max WS	IT_TR030_TP4h	20.39	60.93	63.52		63.71	0.006292	1.93	10.55	7.14	0.51
Botro_Macchie	1.6667*	Max WS	IT_TR030_TP6h	17.59	60.93	63.34		63.53	0.006375	1.89	9.32	6.56	0.51
Botro_Macchie	1.5000*	Max WS	IT_TR200_TP0.5h	26.70	60.82	63.70		63.93	0.006968	2.12	12.57	8.02	0.54
Botro_Macchie	1.5000*	Max WS	IT_TR200_TP1h	33.45	60.82	63.99		64.24	0.006865	2.23	15.05	9.95	0.55
Botro_Macchie	1.5000*	Max WS	IT_TR200_TP2h	36.40	60.82	64.09		64.36	0.006796	2.28	16.16	12.10	0.55
Botro_Macchie	1.5000*	Max WS	IT_TR200_TP3h	34.10	60.82	64.00		64.26	0.006959	2.25	15.19	10.25	0.55
Botro_Macchie	1.5000*	Max WS	IT_TR030_TP0.5h	17.32	60.82	63.19		63.38	0.006879	1.94	8.93	6.33	0.52
Botro_Macchie	1.5000*	Max WS	IT_TR030_TP1h	21.65	60.82	63.43		63.64	0.007176	2.07	10.48	7.04	0.54
Botro_Macchie	1.5000*	Max WS	IT_TR030_TP2h	23.56	60.82	63.52		63.74	0.007335	2.12	11.13	7.36	0.55
Botro_Macchie	1.5000*	Max WS	IT_TR030_TP3h	22.26	60.82	63.46		63.68	0.007212	2.08	10.70	7.15	0.54
Botro_Macchie	1.5000*	Max WS	IT_TR200_TP4h	31.79	60.82	63.93		64.17	0.006934	2.20	14.46	8.81	0.55
Botro_Macchie	1.5000*	Max WS	IT_TR200_TP6h	27.00	60.82	63.73		63.96	0.006805	2.11	12.80	8.12	0.54
Botro_Macchie	1.5000*	Max WS	IT_TR030_TP4h	20.29	60.82	63.38		63.58	0.006766	1.99	10.18	6.89	0.52
Botro_Macchie	1.5000*	Max WS	IT_TR030_TP6h	17.58	60.82	63.19		63.39	0.007044	1.97	8.95	6.34	0.53
Botro_Macchie	1.3333*	Max WS	IT_TR200_TP0.5h	26.54	60.72	63.52		63.78	0.008010	2.24	11.83	7.65	0.58
Botro_Macchie	1.3333*	Max WS	IT_TR200_TP1h	33.10	60.72	63.80		64.08	0.008001	2.34	14.17	8.75	0.59
Botro_Macchie	1.3333*	Max WS	IT_TR200_TP2h	35.03	60.72	63.91		64.18	0.007448	2.32	15.18	10.78	0.57
Botro_Macchie	1.3333*	Max WS	IT_TR200_TP3h	33.82	60.72	63.82		64.11	0.008112	2.36	14.34	8.82	0.59
Botro_Macchie	1.3333*	Max WS	IT_TR030_TP0.5h	17.26	60.72	63.01		63.23	0.008061	2.06	8.37	6.08	0.56
Botro_Macchie	1.3333*	Max WS	IT_TR030_TP1h	21.50	60.72	63.24		63.48	0.008177	2.19	9.84	6.62	0.57
Botro_Macchie	1.3333*	Max WS	IT_TR030_TP2h	23.44	60.72	63.30		63.57	0.008826	2.29	10.23	6.80	0.60
Botro_Macchie	1.3333*	Max WS	IT_TR030_TP3h	22.13	60.72	63.26		63.51	0.008306	2.21	10.00	6.67	0.58
Botro_Macchie	1.3333*	Max WS	IT_TR200_TP4h	31.62	60.72	63.76		64.03	0.007879	2.30	13.74	8.56	0.58
Botro_Macchie	1.3333*	Max WS	IT_TR200_TP6h	26.95	60.72	63.55		63.80	0.007914	2.24	12.04	7.76	0.57
Botro_Macchie	1.3333*	Max WS	IT_TR030_TP4h	20.21	60.72	63.21		63.43	0.007655	2.10	9.63	6.54	0.55
Botro_Macchie	1.3333*	Max WS	IT_TR030_TP6h	17.58	60.72	63.01		63.24	0.008278	2.09	8.41	6.09	0.57
Botro_Macchie	1.1667*	Max WS	IT_TR200_TP0.5h	26.03	60.61	63.25		63.56	0.009993	2.47	10.54	6.82	0.63
Botro_Macchie	1.1667*	Max WS	IT_TR200_TP1h	32.99	60.61	63.49		63.86	0.011228	2.68	12.31	7.86	0.68
Botro_Macchie	1.1667*	Max WS	IT_TR200_TP2h	35.91	60.61	63.57		63.96	0.011822	2.77	12.95	8.20	0.70
Botro_Macchie	1.1667*	Max WS	IT_TR200_TP3h	33.62	60.61	63.50		63.88	0.011495	2.71	12.39	7.90	0.69
Botro_Macchie	1.1667*	Max WS	IT_TR030_TP0.5h	17.18	60.61	62.73		63.01	0.011454	2.36	7.29	5.63	0.66
Botro_Macchie	1.1667*	Max WS	IT_TR030_TP1h	21.08	60.61	62.95		63.26	0.011111	2.45	8.62	6.13	0.66
Botro_Macchie	1.1667*	Max WS	IT_TR030_TP2h	23.18	60.61	63.03		63.36	0.011580	2.54	9.12	6.31	0.68
Botro_Macchie	1.1667*	Max WS	IT_TR030_TP3h	21.73	60.61	62.98		63.29	0.011209	2.47	8.79	6.19	0.66
Botro_Macchie	1.1667*	Max WS	IT_TR200_TP4h	31.45	60.61	63.44		63.79	0.011100	2.65	11.88	7.62	0.68
Botro_Macchie	1.1667*	Max WS	IT_TR200_TP6h	26.48	60.61	63.28		63.59	0.009934	2.47	10.73	6.94	0.63
Botro_Macchie	1.1667*	Max WS	IT_TR030_TP4h	19.97	60.61	62.90		63.20	0.010957	2.40	8.31	6.02	0.65
Botro_Macchie	1.1667*	Max WS	IT_TR030_TP6h	16.88	60.61	62.72		63.00	0.011154	2.32	7.27	5.62</	

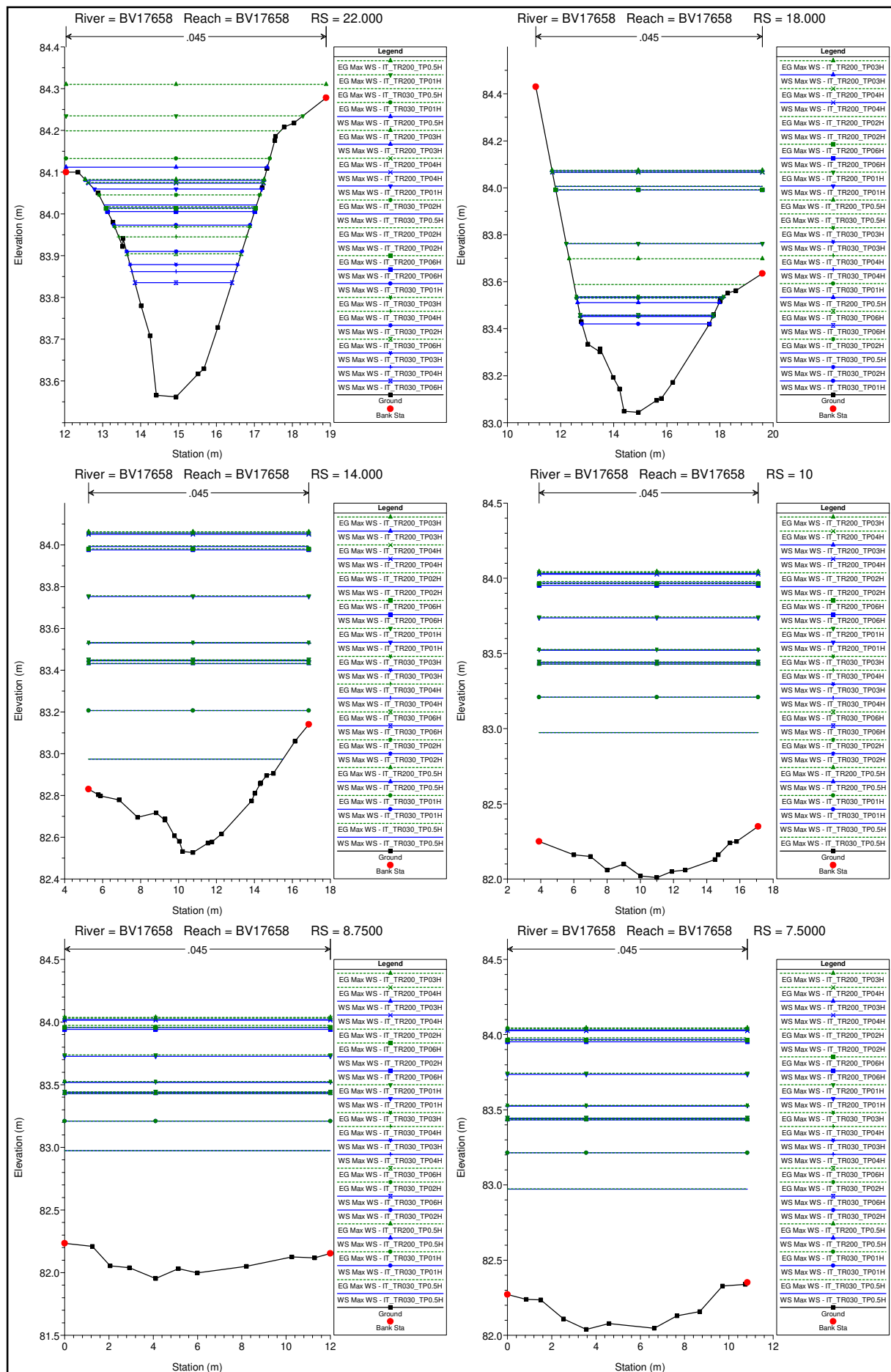
HEC-RAS River: Botro_Macchie Reach: Botro_Macchie Profile: Max WS (Continued)

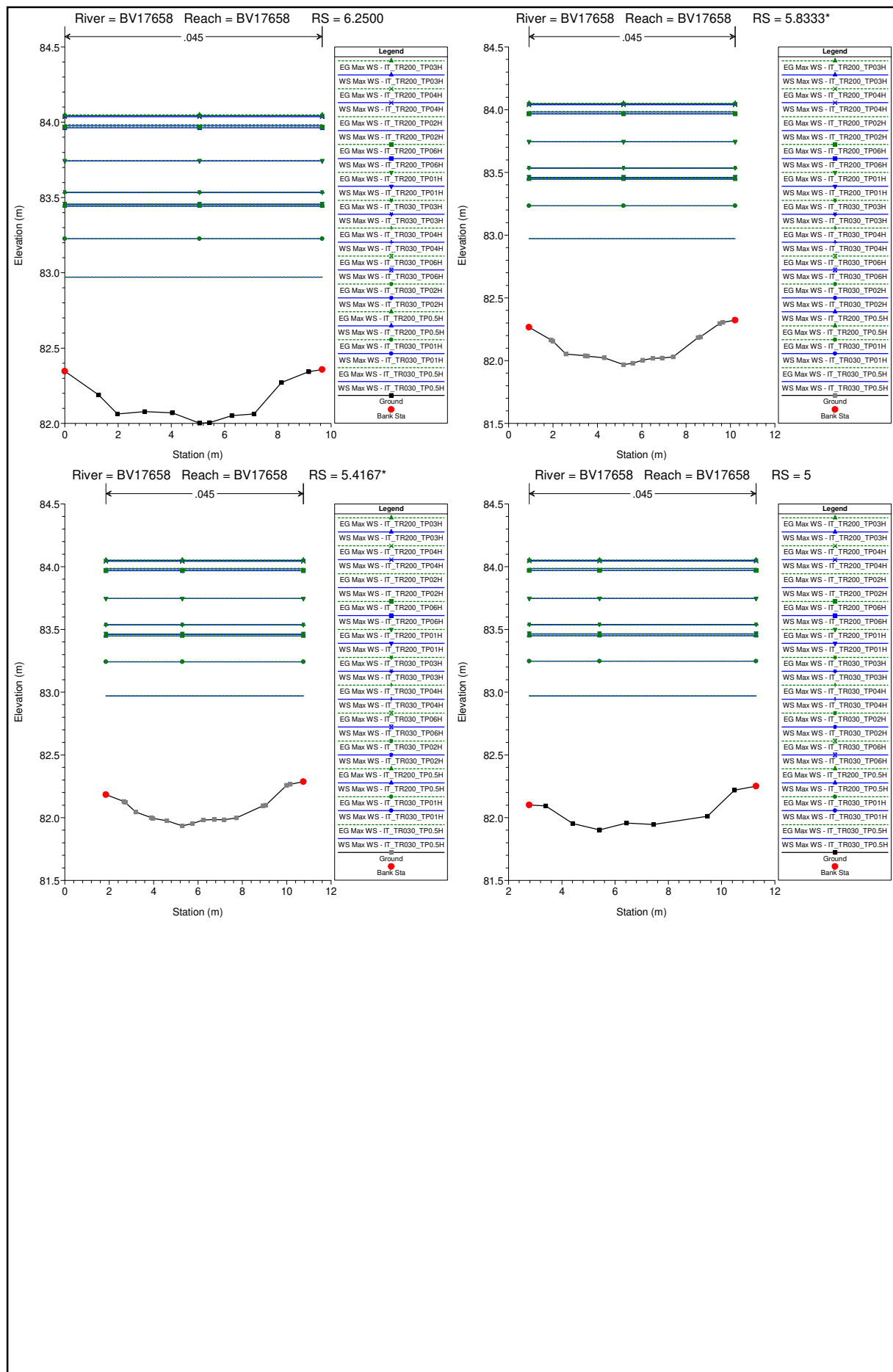
Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Botro_Macchie	1	Max WS	IT_TR030_TP2h	23.83	60.51	62.58	62.54	63.17	0.024520	3.40	7.00	5.48	0.96
Botro_Macchie	1	Max WS	IT_TR030_TP3h	22.51	60.51	62.52	62.48	63.10	0.024907	3.38	6.66	5.35	0.97
Botro_Macchie	1	Max WS	IT_TR200_TP4h	32.58	60.51	62.93	62.88	63.59	0.023226	3.60	9.06	6.25	0.95
Botro_Macchie	1	Max WS	IT_TR200_TP6h	27.49	60.51	62.78		63.36	0.021764	3.37	8.16	5.93	0.92
Botro_Macchie	1	Max WS	IT_TR030_TP4h	20.85	60.51	62.44	62.41	63.01	0.025067	3.32	6.27	5.19	0.96
Botro_Macchie	1	Max WS	IT_TR030_TP6h	17.41	60.51	62.25	62.24	62.80	0.026857	3.27	5.33	4.77	0.99
Botro_Macchie	0.9	Max WS	IT_TR200_TP0.5h	27.44	59.81	62.39		62.68	0.009677	2.40	11.43	8.26	0.65
Botro_Macchie	0.9	Max WS	IT_TR200_TP1h	34.67	59.81	62.65		62.97	0.011675	2.51	13.79	11.07	0.72
Botro_Macchie	0.9	Max WS	IT_TR200_TP2h	37.91	59.81	62.71		63.06	0.012688	2.62	14.48	11.70	0.75
Botro_Macchie	0.9	Max WS	IT_TR200_TP3h	35.41	59.81	62.66		62.99	0.011962	2.54	13.91	11.17	0.73
Botro_Macchie	0.9	Max WS	IT_TR030_TP0.5h	17.69	59.81	61.83		62.13	0.013525	2.45	7.22	6.52	0.74
Botro_Macchie	0.9	Max WS	IT_TR030_TP1h	22.28	59.81	62.06		62.38	0.012747	2.51	8.89	7.44	0.73
Botro_Macchie	0.9	Max WS	IT_TR030_TP2h	23.95	59.81	62.19		62.49	0.011076	2.43	9.85	7.76	0.69
Botro_Macchie	0.9	Max WS	IT_TR030_TP3h	21.74	59.81	62.11		62.39	0.011054	2.37	9.19	7.54	0.68
Botro_Macchie	0.9	Max WS	IT_TR200_TP4h	33.09	59.81	62.61		62.92	0.011398	2.48	13.35	10.70	0.71
Botro_Macchie	0.9	Max WS	IT_TR200_TP6h	27.78	59.81	62.44		62.72	0.009064	2.35	11.82	8.39	0.63
Botro_Macchie	0.9	Max WS	IT_TR030_TP4h	20.76	59.81	62.04		62.33	0.011786	2.39	8.68	7.37	0.70
Botro_Macchie	0.9	Max WS	IT_TR030_TP6h	17.60	59.81	61.83		62.13	0.013377	2.44	7.23	6.52	0.74
Botro_Macchie	0.8	Max WS	IT_TR200_TP0.5h	26.51	59.30	62.20		62.41	0.010079	2.07	12.82	12.03	0.64
Botro_Macchie	0.8	Max WS	IT_TR200_TP1h	34.44	59.30	62.45		62.67	0.011183	2.07	16.65	17.74	0.68
Botro_Macchie	0.8	Max WS	IT_TR200_TP2h	37.55	59.30	62.49		62.73	0.012615	2.16	17.42	19.21	0.72
Botro_Macchie	0.8	Max WS	IT_TR200_TP3h	34.71	59.30	62.45		62.67	0.011288	2.08	16.71	17.82	0.68
Botro_Macchie	0.8	Max WS	IT_TR030_TP0.5h	17.58	59.30	61.65		61.86	0.007328	2.01	8.75	6.04	0.53
Botro_Macchie	0.8	Max WS	IT_TR030_TP1h	20.87	59.30	61.91		62.12	0.006938	2.00	10.44	7.10	0.53
Botro_Macchie	0.8	Max WS	IT_TR030_TP2h	23.38	59.30	62.00		62.23	0.007825	2.11	11.06	7.66	0.56
Botro_Macchie	0.8	Max WS	IT_TR030_TP3h	21.44	59.30	61.94		62.15	0.007010	2.01	10.66	7.27	0.53
Botro_Macchie	0.8	Max WS	IT_TR200_TP4h	33.06	59.30	62.43		62.64	0.010653	2.03	16.26	17.07	0.67
Botro_Macchie	0.8	Max WS	IT_TR200_TP6h	27.66	59.30	62.23		62.45	0.010527	2.09	13.26	12.80	0.65
Botro_Macchie	0.8	Max WS	IT_TR030_TP4h	20.11	59.30	61.87		62.07	0.006933	1.99	10.12	6.92	0.52
Botro_Macchie	0.8	Max WS	IT_TR030_TP6h	17.60	59.30	61.66		61.86	0.007305	2.01	8.77	6.06	0.53
Botro_Macchie	0.7	Max WS	IT_TR200_TP0.5h	27.97	59.40	61.70	61.65	62.08	0.021930	2.75	10.18	12.01	0.95
Botro_Macchie	0.7	Max WS	IT_TR200_TP1h	34.28	59.40	61.88		62.25	0.020345	2.70	12.68	14.68	0.93
Botro_Macchie	0.7	Max WS	IT_TR200_TP2h	37.22	59.40	61.97		62.33	0.017966	2.65	14.05	15.32	0.88
Botro_Macchie	0.7	Max WS	IT_TR200_TP3h	34.68	59.40	61.89		62.26	0.019734	2.68	12.92	14.79	0.92
Botro_Macchie	0.7	Max WS	IT_TR030_TP0.5h	17.49	59.40	61.18	61.20	61.65	0.027331	3.02	5.79	6.63	1.03
Botro_Macchie	0.7	Max WS	IT_TR030_TP1h	22.06	59.40	61.43	61.39	61.86	0.022861	2.92	7.56	8.09	0.96
Botro_Macchie	0.7	Max WS	IT_TR030_TP2h	24.05	59.40	61.50	61.46	61.94	0.022764	2.95	8.16	8.64	0.97
Botro_Macchie	0.7	Max WS	IT_TR030_TP3h	22.67	59.40	61.46	61.40	61.89	0.021935	2.89	7.84	8.27	0.95
Botro_Macchie	0.7	Max WS	IT_TR200_TP4h	32.85	59.40	61.83	61.80	62.21	0.021713	2.73	12.02	14.37	0.95
Botro_Macchie	0.7	Max WS	IT_TR200_TP6h	28.51	59.40	61.72	61.67	62.10	0.021738	2.73	10.43	12.35	0.95
Botro_Macchie	0.7	Max WS	IT_TR030_TP4h	20.78	59.40	61.36	61.33	61.81	0.023439	2.95	7.06	7.54	0.97
Botro_Macchie	0.7	Max WS	IT_TR030_TP6h	17.60	59.40	61.19	61.21	61.65	0.027029	3.01	5.84	6.66	1.03
Botro_Macchie	0.5	Max WS	IT_TR200_TP0.5h	28.26	57.79	61.39		61.57	0.005414	1.90	14.85	8.56	0.46
Botro_Macchie	0.5	Max WS	IT_TR200_TP1h	34.15	57.79	61.70		61.88	0.006416	1.86	18.36	13.76	0.51
Botro_Macchie	0.5	Max WS	IT_TR200_TP2h	37.08	57.79	61.81		61.99	0.006142	1.86	19.97	14.60	0.51
Botro_Macchie	0.5	Max WS	IT_TR200_TP3h	34.67	57.79	61.72		61.90	0.006326	1.86	18.67	13.92	0.51
Botro_Macchie	0.5	Max WS	IT_TR030_TP0.5h	17.47	57.79	60.72		60.87	0.004917	1.71	10.19	6.06	0.42
Botro_Macchie	0.5	Max WS	IT_TR030_TP1h	22.74	57.79	61.07		61.24	0.004974	1.82	12.48	6.88	0.43
Botro_Macchie	0.5	Max WS	IT_TR030_TP2h	24.69	57.79	61.20		61.37	0.005002	1.85	13.37	7.33	0.44
Botro_Macchie	0.5	Max WS	IT_TR030_TP3h	23.74	57.79	61.12		61.30	0.005082	1.85	12.82	7.02	0.44
Botro_Macchie	0.5	Max WS	IT_TR200_TP4h	32.55	57.79	61.64		61.82	0.006495	1.85	17.58	13.35	0.52
Botro_Macchie	0.5	Max WS	IT_TR200_TP6h	29.09	57.79	61.42		61.61	0.005728	1.93	15.08	9.00	0.48
Botro_Macchie	0.5	Max WS	IT_TR030_TP4h	21.73	57.79	61.00		61.17	0.005028	1.81	11.98	6.66	0.43
Botro_Macchie	0.5	Max WS	IT_TR030_TP6h	17.60	57.79	60.73		60.88	0.004898	1.72	10.26	6.07	0.42
Botro_Macchie	0.4	Max WS	IT_TR200_TP0.5h	27.39	57.62	61.34		61.46	0.003209	1.55	17.62	9.91	0.37
Botro_Macchie	0.4	Max WS	IT_TR200_TP1h	33.93	57.62	61.64		61.77	0.003666	1.58	21.51	13.89	0.40
Botro_Macchie	0.4	Max WS	IT_TR200_TP2h	36.95	57.62	61.76		61.89	0.003586	1.60	23.15	14.52	0.40
Botro_Macchie	0.4	Max WS	IT_TR200_TP3h	34.53	57.62	61.67		61.79	0.003656	1.58	21.83	14.03	0.40
Botro_Macchie	0.4	Max WS	IT_TR030_TP0.5h	17.46	57.62	60.67		60.78	0.003505	1.46	11.93	7.67	0.37
Botro_Macchie	0.4	Max WS	IT_TR030_TP1h	22.25	57.62	61.02		61.14	0.003208	1.51	14.77	8.50	0.37
Botro_Macchie	0.4	Max WS	IT_TR030_TP2h	24.16	57.62	61.14		61.26	0.003162	1.53	15.83	8.88	0.37
Botro_Macchie	0.4	Max WS	IT_TR030_TP3h	23.09	57.62	61.07		61.18	0.003238	1.52	15.15	8.64	0.37
Botro_Macchie	0.4	Max WS	IT_TR200_TP4h	32.63	57.62	61.59		61.71	0.003722	1.57	20.77	13.62	0.41
Botro_Macchie	0.4	Max WS	IT_TR200_TP6h	28.52	57.62	61.36		61.49	0.003390	1.60	17.86	10.09	0.38
Botro_Macchie	0.4	Max WS	IT_TR030_TP4h	21.19	57.62	60.94		61.06	0.003300	1.50	14.09	8.30	0.37
Botro_Macchie	0.4	Max WS	IT_TR030_TP6h	17.60	57.62	60.68		60.79	0.003490	1.46	12.03	7.70	0.37
Botro_Macchie	0.2	Max WS	IT_TR200_TP0.5h	27.46	57.46	61.12	60.11	61.34	0.008006	2.07	13.24	8.93	0.54
Botro_Macchie	0.2	Max WS	IT_TR200_TP1h	33.87	57.46	61.41	60.40	61.64	0.008005	2.08	16.25	11.57	0.56
Botro_Macchie	0.2	Max WS	IT_TR200_TP2h	36.81	57.46	61.53	60.52	61.75	0.007994	2.08	17.69	12.90	0.57
Botro_Macchie	0.2	Max WS	IT_TR200_TP3h	34.44	57.46	61.44	60.43	61.66	0.008001	2.08	16.52	11.79	0.56
Botro_Macchie	0.2	Max WS	IT_TR030_TP0.5h	17.45	57.46	60.44	59.55	60.65	0.008001	2.02	8.64	5.23	0.50
Botro_Macchie	0.2	Max WS	IT_TR030_TP1h	22.08	57.46	60.79	59.83	61.01	0.008004	2.06	10.73	6.81	0.52
Botro_Macchie	0.2	Max WS	IT_TR030_TP2h	24.04	57.46	60.91	59.94	61.13	0.008004	2.08	11.58	7.43	0.53
Botro_Macchie	0.2	Max WS	IT_TR030_TP3h	22.75	57.46	60.84	59.87	61.05	0.008004	2.06	11.03	7.03	0.53
Botro_Macchie	0.2	Max WS	IT_TR200_TP4h	32.60	57.46	61.36	60.35	61.58	0.008003	2.08	15.66	11.06	0.56
Botro_Macchie	0.2	Max WS	IT_TR200_TP6h	27.89	57.46	61.15	60.13	61.37	0.008052	2.07	13.49	9.27	0.55
Botro_Macchie	0.2	Max WS	IT_TR030_TP4h	20.90	57.46	60.71	59.76	60.93	0.008004	2.05	10.20	6.39	0.52
Botro_Macchie	0.2	Max WS	IT_TR030_TP6h	17.60	57.46	60.45	59.56	60.66	0.008003	2.02	8.70	5.26	0.50











HEC-RAS River: BV17658 Reach: BV17658 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
BV17658	100	Max WS	IT_TR200_TP02H	1.58	94.80	95.20	95.24	95.37	0.060492	1.83	0.86	4.38	1.32
BV17658	100	Max WS	IT_TR200_TP03H	1.24	94.80	95.16	95.20	95.32	0.061040	1.73	0.72	3.96	1.30
BV17658	100	Max WS	IT_TR200_TP01H	2.27	94.80	95.26	95.31	95.46	0.060098	1.99	1.14	5.06	1.34
BV17658	100	Max WS	IT_TR200_TP04H	1.04	94.80	95.14	95.17	95.28	0.061146	1.67	0.62	3.66	1.29
BV17658	100	Max WS	IT_TR200_TP06H	0.80	94.80	95.11	95.14	95.23	0.061246	1.57	0.51	3.26	1.27
BV17658	100	Max WS	IT_TR030_TP01H	1.52	94.80	95.19	95.24	95.36	0.060620	1.82	0.84	4.31	1.31
BV17658	100	Max WS	IT_TR030_TP06H	0.53	94.80	95.06	95.08	95.17	0.062129	1.45	0.36	2.67	1.25
BV17658	100	Max WS	IT_TR030_TP04H	0.69	94.80	95.09	95.12	95.21	0.061554	1.53	0.45	3.04	1.26
BV17658	100	Max WS	IT_TR030_TP03H	0.83	94.80	95.11	95.14	95.24	0.061326	1.59	0.52	3.31	1.28
BV17658	100	Max WS	IT_TR030_TP02H	1.06	94.80	95.14	95.18	95.28	0.061013	1.67	0.63	3.69	1.29
BV17658	100	Max WS	IT_TR030_TP0.5H	1.96	94.80	95.23	95.28	95.42	0.060224	1.92	1.02	4.78	1.33
BV17658	100	Max WS	IT_TR200_TP0.5H	2.91	94.80	95.30	95.36	95.53	0.059710	2.13	1.37	5.45	1.36
BV17658	99.99				Lat Struct								
BV17658	99.98				Lat Struct								
BV17658	93.333*	Max WS	IT_TR200_TP02H	1.58	93.81	94.33	94.37	94.50	0.056842	1.83	0.86	4.01	1.26
BV17658	93.333*	Max WS	IT_TR200_TP03H	1.24	93.81	94.29	94.33	94.44	0.056997	1.74	0.71	3.57	1.24
BV17658	93.333*	Max WS	IT_TR200_TP01H	2.27	93.81	94.39	94.44	94.60	0.056489	2.00	1.14	4.65	1.29
BV17658	93.333*	Max WS	IT_TR200_TP04H	1.04	93.81	94.26	94.29	94.41	0.057154	1.67	0.62	3.30	1.23
BV17658	93.333*	Max WS	IT_TR200_TP06H	0.80	93.81	94.23	94.25	94.35	0.057322	1.58	0.51	2.94	1.21
BV17658	93.333*	Max WS	IT_TR030_TP01H	1.52	93.81	94.32	94.36	94.49	0.056889	1.82	0.84	3.94	1.26
BV17658	93.333*	Max WS	IT_TR030_TP06H	0.53	93.81	94.17	94.19	94.28	0.057076	1.44	0.37	2.43	1.18
BV17658	93.333*	Max WS	IT_TR030_TP04H	0.69	93.81	94.21	94.23	94.33	0.057324	1.53	0.45	2.74	1.20
BV17658	93.333*	Max WS	IT_TR030_TP03H	0.83	93.81	94.23	94.26	94.36	0.057436	1.59	0.52	2.98	1.22
BV17658	93.333*	Max WS	IT_TR030_TP02H	1.06	93.81	94.27	94.30	94.41	0.057211	1.68	0.63	3.33	1.23
BV17658	93.333*	Max WS	IT_TR030_TP0.5H	1.96	93.81	94.37	94.41	94.56	0.056624	1.92	1.02	4.42	1.28
BV17658	93.333*	Max WS	IT_TR200_TP0.5H	2.91	93.81	94.44	94.50	94.67	0.056622	2.13	1.37	5.09	1.31
BV17658	86.667*	Max WS	IT_TR200_TP02H	1.58	92.81	93.44	93.49	93.63	0.062452	1.93	0.82	3.58	1.29
BV17658	86.667*	Max WS	IT_TR200_TP03H	1.24	92.81	93.40	93.44	93.57	0.062380	1.82	0.68	3.22	1.26
BV17658	86.667*	Max WS	IT_TR200_TP01H	2.27	92.81	93.51	93.57	93.74	0.061995	2.10	1.08	4.17	1.32
BV17658	86.667*	Max WS	IT_TR200_TP04H	1.04	92.81	93.38	93.41	93.53	0.062395	1.74	0.60	2.98	1.24
BV17658	86.667*	Max WS	IT_TR200_TP06H	0.80	92.81	93.34	93.36	93.47	0.062394	1.64	0.49	2.66	1.22
BV17658	86.667*	Max WS	IT_TR030_TP01H	1.52	92.81	93.44	93.48	93.62	0.062363	1.91	0.80	3.53	1.28
BV17658	86.667*	Max WS	IT_TR030_TP06H	0.53	92.81	93.28	93.30	93.40	0.063248	1.49	0.35	2.18	1.18
BV17658	86.667*	Max WS	IT_TR030_TP04H	0.69	92.81	93.32	93.34	93.44	0.062395	1.58	0.44	2.48	1.20
BV17658	86.667*	Max WS	IT_TR030_TP03H	0.83	92.81	93.34	93.37	93.48	0.062428	1.65	0.50	2.69	1.22
BV17658	86.667*	Max WS	IT_TR030_TP02H	1.06	92.81	93.38	93.41	93.53	0.062311	1.75	0.60	3.00	1.24
BV17658	86.667*	Max WS	IT_TR030_TP0.5H	1.96	92.81	93.48	93.54	93.69	0.062331	2.03	0.97	3.93	1.31
BV17658	86.667*	Max WS	IT_TR200_TP0.5H	2.91	92.81	93.56	93.63	93.81	0.061378	2.22	1.31	4.67	1.34
BV17658	80.000*	Max WS	IT_TR200_TP02H	1.58	91.82	92.58	92.62	92.75	0.052709	1.81	0.87	3.48	1.15
BV17658	80.000*	Max WS	IT_TR200_TP03H	1.24	91.82	92.54	92.56	92.69	0.053603	1.71	0.72	3.11	1.14
BV17658	80.000*	Max WS	IT_TR200_TP01H	2.27	91.82	92.66	92.69	92.86	0.052299	1.98	1.14	4.01	1.18
BV17658	80.000*	Max WS	IT_TR200_TP04H	1.04	91.82	92.51	92.53	92.64	0.054212	1.65	0.63	2.87	1.12
BV17658	80.000*	Max WS	IT_TR200_TP06H	0.80	91.82	92.46	92.48	92.59	0.054899	1.55	0.52	2.55	1.10
BV17658	80.000*	Max WS	IT_TR030_TP01H	1.52	91.82	92.58	92.61	92.74	0.052850	1.79	0.85	3.42	1.15
BV17658	80.000*	Max WS	IT_TR030_TP06H	0.53	91.82	92.40	92.41	92.50	0.054457	1.40	0.38	2.09	1.05
BV17658	80.000*	Max WS	IT_TR030_TP04H	0.69	91.82	92.44	92.46	92.56	0.055104	1.50	0.46	2.37	1.09
BV17658	80.000*	Max WS	IT_TR030_TP03H	0.83	91.82	92.47	92.49	92.59	0.054746	1.56	0.53	2.59	1.10
BV17658	80.000*	Max WS	IT_TR030_TP02H	1.06	91.82	92.51	92.53	92.65	0.054084	1.65	0.64	2.89	1.12
BV17658	80.000*	Max WS	IT_TR030_TP0.5H	1.96	91.82	92.63	92.66	92.81	0.052434	1.91	1.03	3.79	1.17
BV17658	80.000*	Max WS	IT_TR200_TP0.5H	2.91	91.82	92.71	92.76	92.94	0.052709	2.12	1.38	4.45	1.21
BV17658	73.333*	Max WS	IT_TR200_TP02H	1.58	90.82	91.68	91.73	91.88	0.067937	1.98	0.80	3.09	1.24
BV17658	73.333*	Max WS	IT_TR200_TP03H	1.24	90.82	91.64	91.68	91.82	0.066959	1.85	0.67	2.77	1.21
BV17658	73.333*	Max WS	IT_TR200_TP01H	2.27	90.82	91.76	91.82	92.00	0.068327	2.18	1.04	3.59	1.29
BV17658	73.333*	Max WS	IT_TR200_TP04H	1.04	90.82	91.61	91.64	91.77	0.066334	1.76	0.59	2.57	1.18
BV17658	73.333*	Max WS	IT_TR200_TP06H	0.80	90.82	91.57	91.59	91.71	0.065621	1.64	0.49	2.28	1.14
BV17658	73.333*	Max WS	IT_TR030_TP01H	1.52	90.82	91.68	91.73	91.87	0.067803	1.96	0.78	3.04	1.24
BV17658	73.333*	Max WS	IT_TR030_TP06H	0.53	90.82	91.50	91.52	91.62	0.066723	1.50	0.35	1.82	1.09
BV17658	73.333*	Max WS	IT_TR030_TP04H	0.69	90.82	91.54	91.57	91.67	0.065681	1.58	0.43	2.12	1.12
BV17658	73.333*	Max WS	IT_TR030_TP03H	0.83	90.82	91.57	91.60	91.71	0.065614	1.66	0.50	2.31	1.14
BV17658	73.333*	Max WS	IT_TR030_TP02H	1.06	90.82	91.61	91.65	91.77	0.066249	1.77	0.60	2.59	1.18
BV17658	73.333*	Max WS	IT_TR030_TP0.5H	1.96	90.82	91.73	91.79	91.95	0.068231	2.10	0.94	3.38	1.28
BV17658	73.333*	Max WS	IT_TR200_TP0.5H	2.91	90.82	91.81	91.89	92.09	0.067510	2.32	1.25	3.98	1.32
BV17658	66.667*	Max WS	IT_TR200_TP02H	1.58	89.83	91.08		91.12	0.007592	0.88	1.79	4.60	0.45
BV17658	66.667*	Max WS	IT_TR200_TP03H	1.24	89.83	91.06		91.09	0.005194	0.72	1.73	4.49	0.37
BV17658	66.667*	Max WS	IT_TR200_TP01H	2.26	89.83	91.10		91.17	0.013228	1.19	1.91	4.78	0.60
BV17658	66.667*	Max WS	IT_TR200_TP04H	1.04	89.83	91.05		91.07	0.003981	0.62	1.67	4.40	0.32
BV17658	66.667*	Max WS	IT_TR200_TP06H	0.80	89.83	91.02		91.04	0.002839	0.51	1.56	4.24	0.27
BV17658	66.667*	Max WS	IT_TR030_TP01H	1.52	89.83	91.07		91.11	0.007155	0.85	1.79	4.59	0.44
BV17658	66.667*	Max WS	IT_TR030_TP06H	0.53	89.83	90.96		90.97	0.001985	0.40	1.31	3.85	0.22
BV17658	66.667*	Max WS	IT_TR030_TP04H	0.69	89.83	91.00		91.02	0.002412	0.46	1.48	4.12	0.25
BV17658	66.667*	Max WS	IT_TR030_TP03H	0.83	89.83	91.03		91.04	0.002950	0.52	1.57	4.26	0.28
BV17658	66.667*	Max WS	IT_TR030_TP02H	1.06	89.83	91.05		91.07	0.004085	0.63	1.67	4.41	0.33
BV17658	66.667*	Max WS	IT_TR030_TP0.5H	1.96	89.83	91.09		91.15	0.010601	1.05	1.86	4.71	0.53
BV17658	66.667*	Max WS	IT_TR200_TP0.5H	2.91	89.83	91.12		91.23	0.018909	1.44	2.01	4.92	0.72
BV17658	60	Max WS	IT_TR200_TP02H	1.58	88.83	89.85	89.97	90.21	0.152852	2.63	0.60	2.22	1.62
BV17658	60	Max WS	IT_TR200_TP03H	1.24	88.83	89.80	89.90	90.12	0.160508	2.51	0.49	1.95	1.59
BV17658	60	Max WS	IT_TR200_TP01H	2.27	88.83	89.94	90.07	90.34	0.138985	2.80	0.81	2.71	1.64
BV17658	60	Max WS	IT_TR200_TP04H	1.04	88.83	89.77	89.86	90.07	0.164842	2.42	0.43	1.75	1.56
BV17658	60	Max WS	IT_TR200_TP06H	0.80	88.83	89.72	89.81	89.99	0.169270	2.29	0.35	1.48	1.50
BV17658	60	Max WS	IT_TR030_TP01H	1.52	88.83	89.85	89.96	90.19	0.154384	2.62	0.58	2.18	1.62
BV17658	60	Max WS	IT_TR030_TP06H	0.53	88.83	89.64	89.71	89.87	0.173074	2.10	0.25	1.05	1.37
BV17658	60	Max WS	IT_TR030_TP04H	0.69	88.83	89.69	89.77	89.94	0.171477	2.22	0.31	1.32	1.46
BV17658	60	Max WS	IT_TR030_TP03H	0.83	88.83	89.72	89.81	90.00	0.169124	2.31	0.36	1.51	1.51
BV17658	60	Max WS	IT_TR030_TP02H	1.06	88.83	89.77	89.87	90.07	0.164458	2.43	0.43	1.77	1.57
BV17658	60	Max WS	IT_TR030_TP0.5H	1.96	88.83	89.90	90.03	90.29	0.144923	2.74	0.72	2.51	1.63
BV1765													

HEC-RAS River: BV17658 Reach: BV17658 Profile: Max WS (Continued)

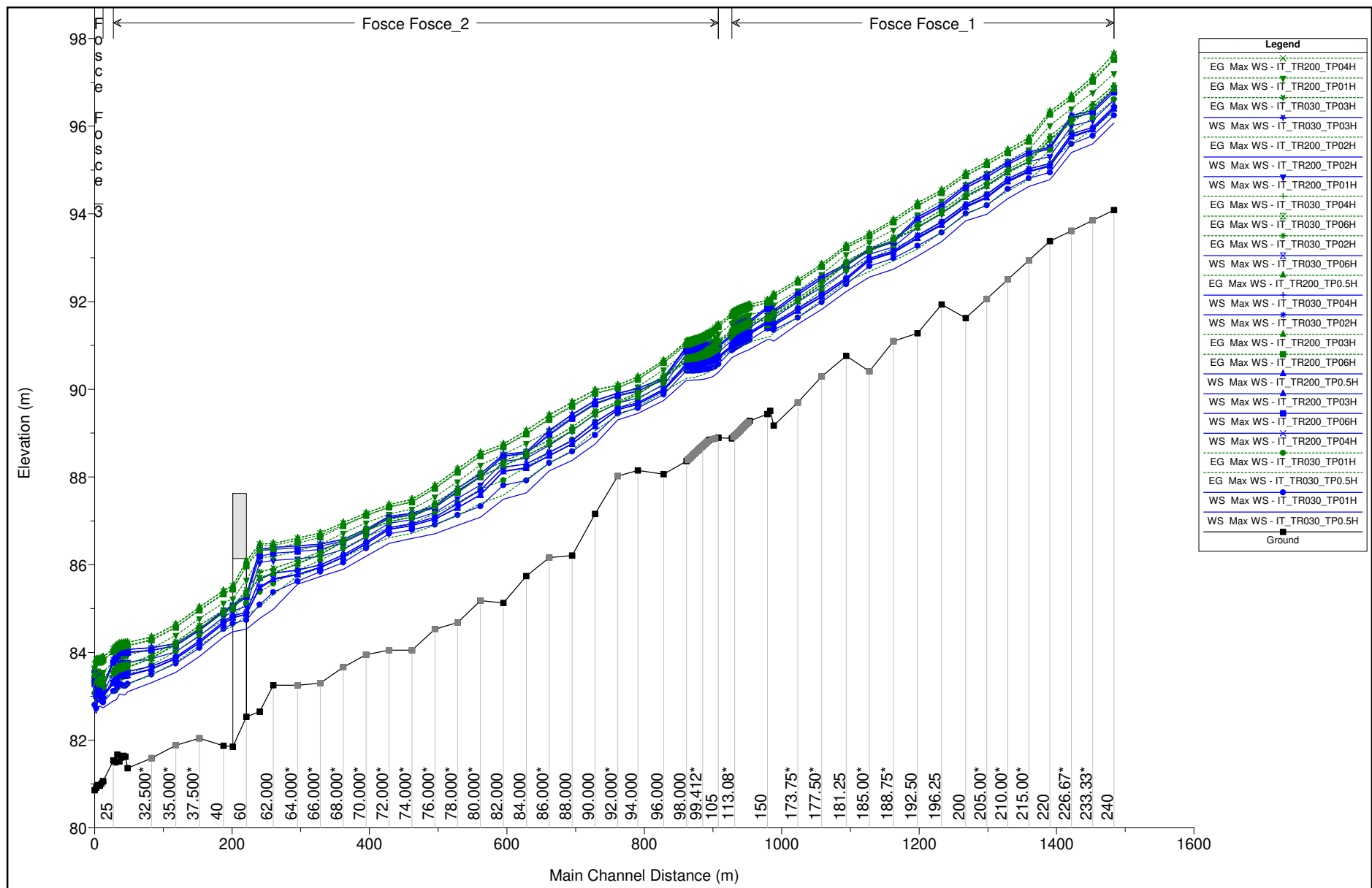
Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
BV17658	55	Max WS	IT_TR200_TP02H	1.58	88.30	88.95	88.80	89.06	0.010063	1.48	1.07	3.57	0.63
BV17658	55	Max WS	IT_TR200_TP03H	1.24	88.30	88.87	88.74	88.96	0.010420	1.36	0.91	3.32	0.63
BV17658	55	Max WS	IT_TR200_TP01H	2.27	88.30	89.10	88.91	89.24	0.009442	1.68	1.35	5.77	0.64
BV17658	55	Max WS	IT_TR200_TP04H	1.04	88.30	88.81	88.70	88.90	0.010677	1.28	0.81	3.16	0.62
BV17658	55	Max WS	IT_TR200_TP06H	0.80	88.30	88.75	88.65	88.82	0.010994	1.16	0.69	2.96	0.61
BV17658	55	Max WS	IT_TR030_TP01H	1.52	88.30	88.93	88.79	89.04	0.010116	1.46	1.04	3.53	0.63
BV17658	55	Max WS	IT_TR030_TP06H	0.53	88.30	88.67	88.58	88.72	0.011497	1.00	0.53	2.63	0.60
BV17658	55	Max WS	IT_TR030_TP04H	0.69	88.30	88.72	88.62	88.78	0.011186	1.10	0.63	2.85	0.61
BV17658	55	Max WS	IT_TR030_TP03H	0.83	88.30	88.76	88.65	88.83	0.010964	1.17	0.70	2.98	0.62
BV17658	55	Max WS	IT_TR030_TP02H	1.06	88.30	88.82	88.70	88.90	0.010669	1.28	0.82	3.17	0.62
BV17658	55	Max WS	IT_TR030_TP0.5H	1.96	88.30	89.03	88.86	89.16	0.009712	1.60	1.23	5.04	0.64
BV17658	55	Max WS	IT_TR200_TP0.5H	2.91	88.30	89.22	89.00	89.39	0.009097	1.84	1.58	6.61	0.64
BV17658	53			Bridge									
BV17658	50	Max WS	IT_TR200_TP02H	1.58	87.93	88.41		88.58	0.021244	1.86	0.85	8.70	0.90
BV17658	50	Max WS	IT_TR200_TP03H	1.24	87.93	88.35		88.49	0.021102	1.68	0.74	7.77	0.87
BV17658	50	Max WS	IT_TR200_TP01H	2.27	87.93	88.50	88.49	88.75	0.023507	2.21	1.03	8.70	0.97
BV17658	50	Max WS	IT_TR200_TP04H	1.04	87.93	88.32		88.44	0.018627	1.51	0.69	7.50	0.81
BV17658	50	Max WS	IT_TR200_TP06H	0.80	87.93	88.24		88.36	0.025605	1.50	0.54	4.72	0.91
BV17658	50	Max WS	IT_TR030_TP01H	1.52	87.93	88.40		88.57	0.021070	1.82	0.83	8.70	0.89
BV17658	50	Max WS	IT_TR030_TP06H	0.53	87.93	88.19		88.27	0.024491	1.25	0.42	4.00	0.86
BV17658	50	Max WS	IT_TR030_TP04H	0.69	87.93	88.22		88.32	0.027106	1.43	0.48	4.36	0.92
BV17658	50	Max WS	IT_TR030_TP03H	0.83	87.93	88.24	88.23	88.37	0.027618	1.55	0.53	4.70	0.95
BV17658	50	Max WS	IT_TR030_TP02H	1.06	87.93	88.33		88.44	0.018683	1.52	0.69	7.54	0.81
BV17658	50	Max WS	IT_TR030_TP0.5H	1.96	87.93	88.46		88.68	0.022197	2.05	0.96	8.70	0.94
BV17658	50	Max WS	IT_TR200_TP0.5H	2.91	87.93	88.58	88.58	88.89	0.023489	2.44	1.19	8.70	1.00
BV17658	49.99			Lat Struct									
BV17658	49.98			Lat Struct									
BV17658	48.333	Max WS	IT_TR200_TP02H	1.73	87.93	88.37	88.29	88.42	0.016793	1.02	1.70	7.94	0.70
BV17658	48.333	Max WS	IT_TR200_TP03H	1.33	87.93	88.32	88.25	88.37	0.020277	1.00	1.33	7.46	0.75
BV17658	48.333	Max WS	IT_TR200_TP01H	2.40	87.93	88.44	88.36	88.49	0.013583	1.04	2.30	8.70	0.65
BV17658	48.333	Max WS	IT_TR200_TP04H	1.10	87.93	88.29	88.22	88.34	0.014912	0.95	1.16	5.50	0.66
BV17658	48.333	Max WS	IT_TR200_TP06H	0.80	87.93	88.24	88.17	88.28	0.013564	0.87	0.92	4.69	0.62
BV17658	48.333	Max WS	IT_TR030_TP01H	1.67	87.93	88.36	88.29	88.41	0.017022	1.01	1.65	7.88	0.70
BV17658	48.333	Max WS	IT_TR030_TP06H	0.53	87.93	88.19	88.13	88.22	0.013345	0.78	0.68	3.99	0.60
BV17658	48.333	Max WS	IT_TR030_TP04H	0.69	87.93	88.22	88.15	88.26	0.013525	0.83	0.83	4.41	0.62
BV17658	48.333	Max WS	IT_TR030_TP03H	0.83	87.93	88.25	88.18	88.29	0.013569	0.87	0.95	4.75	0.62
BV17658	48.333	Max WS	IT_TR030_TP02H	1.14	87.93	88.29	88.22	88.34	0.015201	0.96	1.19	5.61	0.67
BV17658	48.333	Max WS	IT_TR030_TP0.5H	2.15	87.93	88.41	88.34	88.47	0.015123	1.03	2.08	8.70	0.68
BV17658	48.333	Max WS	IT_TR200_TP0.5H	2.91	87.93	88.48	88.39	88.54	0.012013	1.08	2.69	8.70	0.62
BV17658	47			Int Struct									
BV17658	46.666	Max WS	IT_TR200_TP02H	1.73	87.13	87.74		87.75	0.002445	0.54	3.18	8.70	0.29
BV17658	46.666	Max WS	IT_TR200_TP03H	1.31	87.13	87.69		87.70	0.002259	0.48	2.74	8.70	0.27
BV17658	46.666	Max WS	IT_TR200_TP01H	2.40	87.13	87.82		87.83	0.002550	0.62	3.86	8.70	0.30
BV17658	46.666	Max WS	IT_TR200_TP04H	1.07	87.13	87.66		87.67	0.002121	0.43	2.47	8.70	0.26
BV17658	46.666	Max WS	IT_TR200_TP06H	0.80	87.13	87.62		87.62	0.001954	0.38	2.12	8.70	0.24
BV17658	46.666	Max WS	IT_TR030_TP01H	1.66	87.13	87.73		87.74	0.002434	0.53	3.11	8.70	0.28
BV17658	46.666	Max WS	IT_TR030_TP06H	0.53	87.13	87.57		87.57	0.001513	0.31	1.72	7.96	0.21
BV17658	46.666	Max WS	IT_TR030_TP04H	0.69	87.13	87.60		87.60	0.001830	0.35	1.98	8.70	0.23
BV17658	46.666	Max WS	IT_TR030_TP03H	0.83	87.13	87.62		87.63	0.001971	0.38	2.16	8.70	0.25
BV17658	46.666	Max WS	IT_TR030_TP02H	1.12	87.13	87.66		87.67	0.002222	0.45	2.51	8.70	0.27
BV17658	46.666	Max WS	IT_TR030_TP0.5H	2.04	87.13	87.78		87.80	0.002332	0.57	3.59	8.70	0.28
BV17658	46.666	Max WS	IT_TR200_TP0.5H	2.91	87.13	87.88		87.90	0.002453	0.66	4.40	8.70	0.30
BV17658	40	Max WS	IT_TR200_TP02H	1.60	86.93	87.44	87.52	87.73	0.074223	2.40	0.67	2.44	1.46
BV17658	40	Max WS	IT_TR200_TP03H	1.26	86.93	87.39	87.46	87.65	0.073773	2.23	0.56	2.28	1.44
BV17658	40	Max WS	IT_TR200_TP01H	2.26	86.93	87.51	87.62	87.86	0.073193	2.62	0.86	2.71	1.49
BV17658	40	Max WS	IT_TR200_TP04H	1.05	86.93	87.36	87.43	87.59	0.074488	2.13	0.49	2.17	1.43
BV17658	40	Max WS	IT_TR200_TP06H	0.80	86.93	87.32	87.37	87.52	0.076309	1.99	0.40	2.01	1.42
BV17658	40	Max WS	IT_TR030_TP01H	1.54	86.93	87.43	87.51	87.72	0.074006	2.37	0.65	2.41	1.46
BV17658	40	Max WS	IT_TR030_TP06H	0.53	86.93	87.26	87.31	87.43	0.080590	1.80	0.29	1.77	1.41
BV17658	40	Max WS	IT_TR030_TP04H	0.69	86.93	87.30	87.35	87.48	0.077967	1.91	0.36	1.94	1.42
BV17658	40	Max WS	IT_TR030_TP03H	0.83	86.93	87.32	87.38	87.53	0.076046	2.00	0.41	2.03	1.42
BV17658	40	Max WS	IT_TR030_TP02H	1.08	86.93	87.37	87.43	87.60	0.074324	2.15	0.50	2.19	1.43
BV17658	40	Max WS	IT_TR030_TP0.5H	1.98	86.93	87.48	87.58	87.81	0.073941	2.54	0.78	2.60	1.48
BV17658	40	Max WS	IT_TR200_TP0.5H	2.89	86.93	87.57	87.69	87.97	0.072456	2.80	1.03	2.93	1.50
BV17658	36.667	Max WS	IT_TR200_TP02H	1.60	86.15	86.68	86.74	86.92	0.061918	2.19	0.73	2.67	1.34
BV17658	36.667	Max WS	IT_TR200_TP03H	1.26	86.15	86.63	86.69	86.85	0.064216	2.09	0.60	2.44	1.34
BV17658	36.667	Max WS	IT_TR200_TP01H	2.26	86.15	86.75	86.83	87.05	0.063548	2.42	0.93	3.00	1.39
BV17658	36.667	Max WS	IT_TR200_TP04H	1.05	86.15	86.60	86.65	86.80	0.063572	1.98	0.53	2.30	1.32
BV17658	36.667	Max WS	IT_TR200_TP06H	0.80	86.15	86.55	86.60	86.73	0.062664	1.86	0.43	2.03	1.29
BV17658	36.667	Max WS	IT_TR030_TP01H	1.54	86.15	86.67	86.73	86.91	0.063012	2.19	0.71	2.63	1.35
BV17658	36.667	Max WS	IT_TR030_TP06H	0.53	86.15	86.49	86.52	86.63	0.059289	1.68	0.32	1.67	1.23
BV17658	36.667	Max WS	IT_TR030_TP04H	0.69	86.15	86.53	86.57	86.69	0.061298	1.80	0.38	1.86	1.27
BV17658	36.667	Max WS	IT_TR030_TP03H	0.83	86.15	86.56	86.60	86.74	0.062816	1.88	0.44	2.06	1.30
BV17658	36.667	Max WS	IT_TR030_TP02H	1.08	86.15	86.60	86.66	86.81	0.064057	2.00	0.54	2.32	1.33
BV17658	36.667	Max WS	IT_TR030_TP0.5H	1.97	86.15	86.72	86.80	87.00	0.062978	2.33	0.85	2.86	1.37
BV17658	36.667	Max WS	IT_TR200_TP0.5H	2.89	86.15	86.81	86.91	87.15	0.065231	2.61	1.11	3.26	1.43
BV17658	33.333	Max WS	IT_TR200_TP02H	1.60	85.37	85.86	85.97	86.19	0.086318	2.51	0.64	2.38	1.55
BV17658	33.333	Max WS	IT_TR200_TP03H	1.25	85.37	85.80	85.91	86.11	0.085518	2.46	0.51	1.96	1.53
BV17658	33.333	Max WS	IT_TR200_TP01H	2.26	85.37	85.95	86.06	86.29	0.082287	2.59	0.87	3.03	1.55
BV17658	33.333	Max WS	IT_TR200_TP04H	1.05	85.37	85.77	85.87	86.05	0.087026	2.36	0.44	1.83	1.53
BV17658	33.333	Max WS	IT_TR200_TP06H	0.80	85.37	85.72	85.80	85.97	0.088438	2.22	0.36	1.65	1.52
BV17658	33.333	Max WS	IT_TR030_TP01H	1.54	85.37	85.85	85.96	86.18	0.085462	2.52	0.61	2.25	1.55
BV17658	33.333	Max WS	IT_TR030_TP06H	0.53	85.37	85.66	85.72	85.87	0.092598	2.03	0.26	1.41	1.51

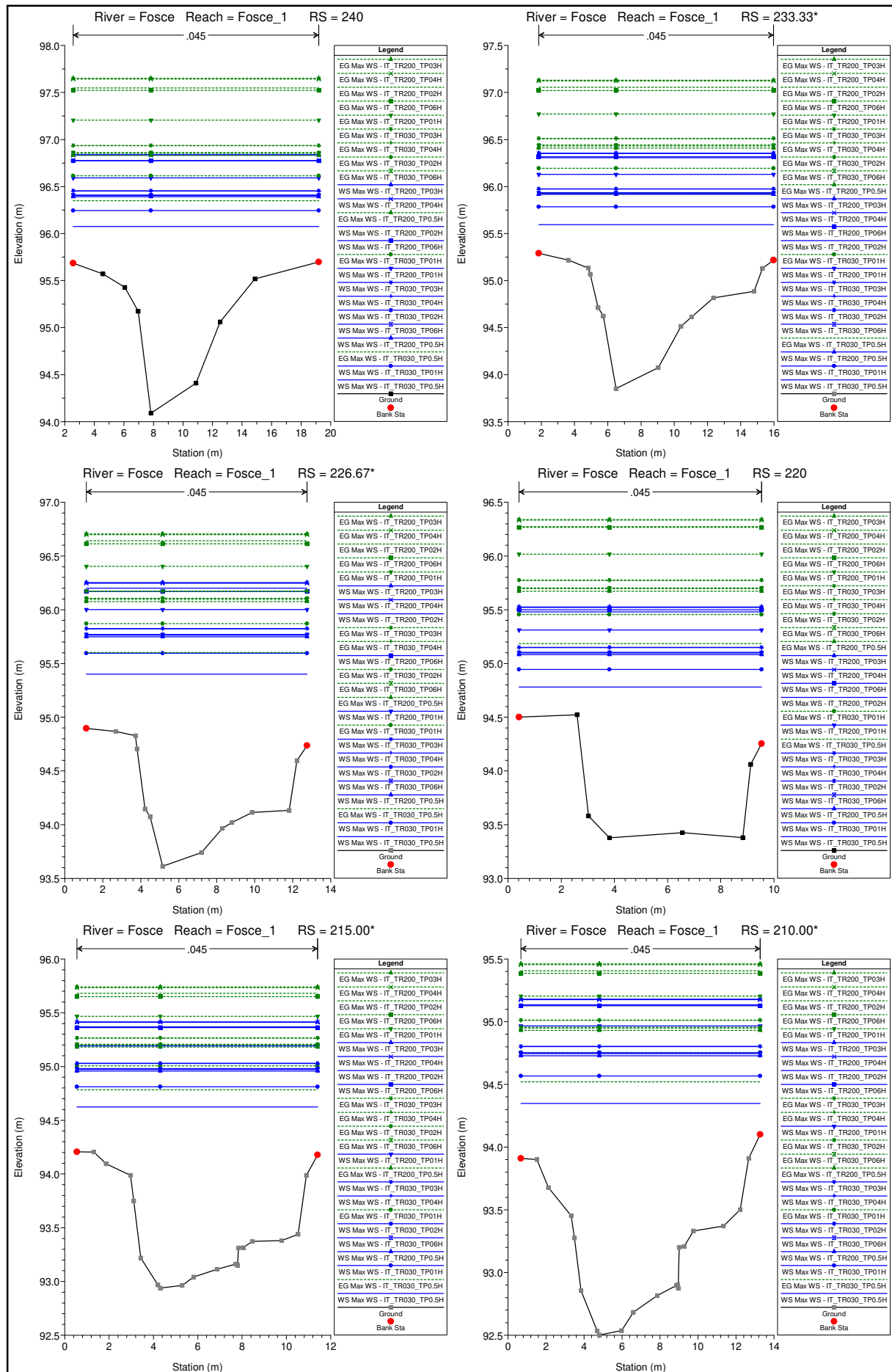
HEC-RAS River: BV17658 Reach: BV17658 Profile: Max WS (Continued)

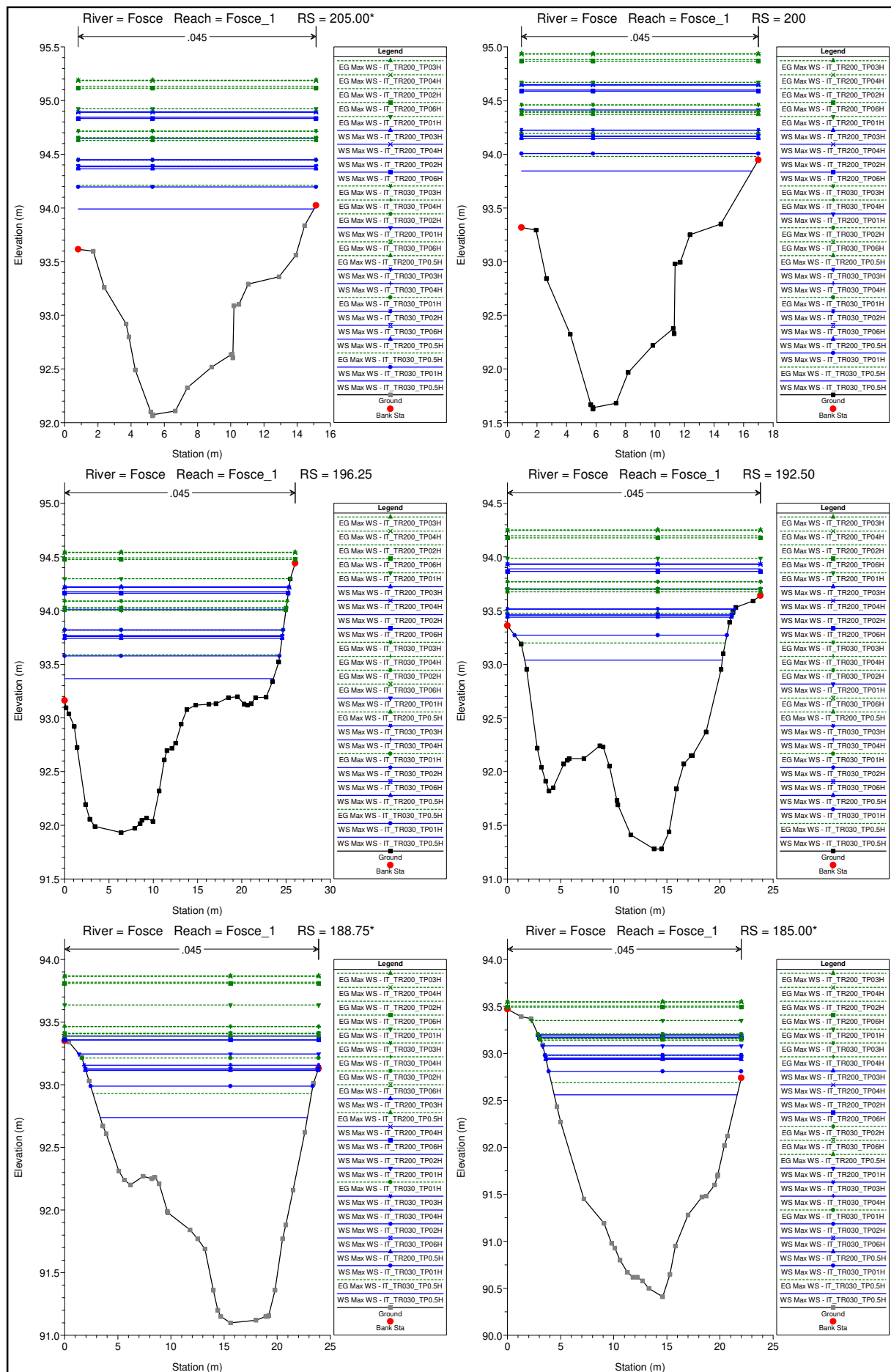
Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
BV17658	33.333	Max WS	IT_TR030_TP04H	0.69	85.37	85.70	85.77	85.93	0.089710	2.15	0.32	1.56	1.51
BV17658	33.333	Max WS	IT_TR030_TP03H	0.83	85.37	85.73	85.80	85.98	0.088223	2.24	0.37	1.67	1.52
BV17658	33.333	Max WS	IT_TR030_TP02H	1.08	85.37	85.77	85.88	86.06	0.086346	2.37	0.46	1.85	1.53
BV17658	33.333	Max WS	IT_TR030_TP0.5H	1.97	85.37	85.92	86.02	86.25	0.083918	2.55	0.77	2.80	1.55
BV17658	33.333	Max WS	IT_TR200_TP0.5H	2.89	85.37	86.01	86.14	86.38	0.079986	2.70	1.07	3.46	1.55
BV17658	30	Max WS	IT_TR200_TP02H	1.60	84.60	85.14	85.16	85.34	0.039709	1.98	0.81	2.35	1.08
BV17658	30	Max WS	IT_TR200_TP03H	1.25	84.60	85.08	85.10	85.26	0.040798	1.88	0.67	2.15	1.08
BV17658	30	Max WS	IT_TR200_TP01H	2.26	84.60	85.23	85.27	85.47	0.042345	2.14	1.05	2.86	1.13
BV17658	30	Max WS	IT_TR200_TP04H	1.05	84.60	85.04	85.05	85.20	0.040066	1.78	0.59	2.02	1.05
BV17658	30	Max WS	IT_TR200_TP06H	0.80	84.60	84.98	84.99	85.13	0.041081	1.68	0.48	1.83	1.05
BV17658	30	Max WS	IT_TR030_TP01H	1.54	84.60	85.13	85.15	85.33	0.040499	1.97	0.78	2.32	1.09
BV17658	30	Max WS	IT_TR030_TP06H	0.53	84.60	84.91	84.91	85.02	0.037558	1.46	0.36	1.60	0.98
BV17658	30	Max WS	IT_TR030_TP04H	0.69	84.60	84.96	84.96	85.09	0.039875	1.60	0.43	1.74	1.03
BV17658	30	Max WS	IT_TR030_TP03H	0.82	84.60	84.99	85.00	85.13	0.040834	1.69	0.49	1.85	1.05
BV17658	30	Max WS	IT_TR030_TP02H	1.08	84.60	85.04	85.06	85.21	0.041708	1.82	0.59	2.03	1.08
BV17658	30	Max WS	IT_TR030_TP0.5H	1.97	84.60	85.20	85.23	85.42	0.041829	2.07	0.95	2.67	1.11
BV17658	30	Max WS	IT_TR200_TP0.5H	2.89	84.60	85.31	85.35	85.57	0.042390	2.26	1.28	3.23	1.14
BV17658	26.000	Max WS	IT_TR200_TP02H	1.60	84.08	84.56	84.59	84.74	0.043377	1.84	0.87	3.22	1.13
BV17658	26.000	Max WS	IT_TR200_TP03H	1.25	84.08	84.50	84.52	84.67	0.042933	1.81	0.69	2.59	1.12
BV17658	26.000	Max WS	IT_TR200_TP01H	2.25	84.08	84.64	84.67	84.84	0.042306	1.97	1.15	3.77	1.14
BV17658	26.000	Max WS	IT_TR200_TP04H	1.04	84.08	84.46	84.48	84.62	0.043195	1.73	0.60	2.43	1.11
BV17658	26.000	Max WS	IT_TR200_TP06H	0.78	84.08	84.43	84.43	84.54	0.034475	1.48	0.53	2.28	0.98
BV17658	26.000	Max WS	IT_TR030_TP01H	1.54	84.08	84.56	84.58	84.72	0.041039	1.80	0.86	3.15	1.10
BV17658	26.000	Max WS	IT_TR030_TP06H	0.53	84.08	84.35	84.36	84.46	0.043372	1.45	0.36	1.92	1.06
BV17658	26.000	Max WS	IT_TR030_TP04H	0.69	84.08	84.40	84.41	84.52	0.039740	1.51	0.46	2.13	1.04
BV17658	26.000	Max WS	IT_TR030_TP03H	0.82	84.08	84.43	84.44	84.56	0.038977	1.57	0.53	2.28	1.04
BV17658	26.000	Max WS	IT_TR030_TP02H	1.08	84.08	84.48	84.49	84.62	0.039224	1.69	0.64	2.49	1.06
BV17658	26.000	Max WS	IT_TR030_TP0.5H	1.97	84.08	84.61	84.63	84.80	0.041733	1.89	1.04	3.60	1.12
BV17658	26.000	Max WS	IT_TR200_TP0.5H	2.89	84.08	84.71	84.74	84.92	0.041774	1.99	1.45	4.66	1.14
BV17658	22.000	Max WS	IT_TR200_TP02H	0.25	83.56	84.01		84.02	0.000767	0.24	1.03	3.95	0.15
BV17658	22.000	Max WS	IT_TR200_TP03H	0.25	83.56	84.08		84.08	0.000424	0.19	1.31	4.70	0.12
BV17658	22.000	Max WS	IT_TR200_TP01H	2.25	83.56	84.06	84.09	84.23	0.040992	1.86	1.21	4.41	1.13
BV17658	22.000	Max WS	IT_TR200_TP04H	0.25	83.56	84.07		84.08	0.000449	0.20	1.28	4.60	0.12
BV17658	22.000	Max WS	IT_TR200_TP06H	0.37	83.56	84.01		84.01	0.001818	0.37	0.99	3.88	0.23
BV17658	22.000	Max WS	IT_TR030_TP01H	1.54	83.56	83.97	84.00	84.13	0.044266	1.77	0.87	3.59	1.15
BV17658	22.000	Max WS	IT_TR030_TP06H	0.53	83.56	83.84		83.90	0.029317	1.17	0.45	2.56	0.89
BV17658	22.000	Max WS	IT_TR030_TP04H	0.67	83.56	83.86		83.94	0.031353	1.27	0.52	2.73	0.93
BV17658	22.000	Max WS	IT_TR030_TP03H	0.76	83.56	83.88	83.87	83.97	0.032251	1.33	0.57	2.84	0.95
BV17658	22.000	Max WS	IT_TR030_TP02H	1.08	83.56	83.91	83.93	84.05	0.043409	1.63	0.66	3.04	1.12
BV17658	22.000	Max WS	IT_TR030_TP0.5H	1.97	83.56	84.02	84.05	84.20	0.044367	1.87	1.05	4.02	1.16
BV17658	22.000	Max WS	IT_TR200_TP0.5H	2.89	83.56	84.11	84.14	84.31	0.045789	1.97	1.47	5.30	1.20
BV17658	18.000	Max WS	IT_TR200_TP02H	0.78	83.04	84.01		84.01	0.000095	0.15	5.04	7.79	0.06
BV17658	18.000	Max WS	IT_TR200_TP03H	0.99	83.04	84.07		84.07	0.000115	0.18	5.57	7.91	0.07
BV17658	18.000	Max WS	IT_TR200_TP01H	0.31	83.04	83.76		83.76	0.000061	0.10	3.20	7.38	0.05
BV17658	18.000	Max WS	IT_TR200_TP04H	0.97	83.04	84.07		84.07	0.000112	0.18	5.52	7.90	0.07
BV17658	18.000	Max WS	IT_TR200_TP06H	0.83	83.04	83.99		83.99	0.000118	0.17	4.93	7.77	0.07
BV17658	18.000	Max WS	IT_TR030_TP01H	1.54	83.04	83.42	83.42	83.53	0.034294	1.47	1.05	4.80	1.01
BV17658	18.000	Max WS	IT_TR030_TP06H	0.16	83.04	83.46		83.46	0.000233	0.13	1.23	5.01	0.08
BV17658	18.000	Max WS	IT_TR030_TP04H	0.18	83.04	83.53		83.53	0.000136	0.11	1.63	5.51	0.07
BV17658	18.000	Max WS	IT_TR030_TP03H	0.20	83.04	83.54		83.54	0.000160	0.12	1.64	5.53	0.07
BV17658	18.000	Max WS	IT_TR030_TP02H	0.16	83.04	83.45		83.45	0.000257	0.14	1.20	4.99	0.09
BV17658	18.000	Max WS	IT_TR030_TP0.5H	1.97	83.04	83.45	83.46	83.59	0.036668	1.63	1.21	4.99	1.06
BV17658	18.000	Max WS	IT_TR200_TP0.5H	2.89	83.04	83.51	83.54	83.70	0.041187	1.91	1.51	5.34	1.15
BV17658	14.000	Max WS	IT_TR200_TP02H	4.23	82.53	83.99		84.00	0.000165	0.29	14.36	11.60	0.08
BV17658	14.000	Max WS	IT_TR200_TP03H	4.77	82.53	84.06		84.06	0.000178	0.32	15.13	11.60	0.09
BV17658	14.000	Max WS	IT_TR200_TP01H	2.57	82.53	83.75		83.76	0.000118	0.22	11.60	11.60	0.07
BV17658	14.000	Max WS	IT_TR200_TP04H	4.71	82.53	84.05		84.06	0.000176	0.31	15.05	11.60	0.09
BV17658	14.000	Max WS	IT_TR200_TP06H	4.14	82.53	83.98		83.98	0.000163	0.29	14.19	11.60	0.08
BV17658	14.000	Max WS	IT_TR030_TP01H	0.14	82.53	83.21		83.21	0.000005	0.03	5.26	11.60	0.01
BV17658	14.000	Max WS	IT_TR030_TP06H	0.39	82.53	83.45		83.45	0.000008	0.05	8.07	11.60	0.02
BV17658	14.000	Max WS	IT_TR030_TP04H	0.86	82.53	83.53		83.53	0.000029	0.10	9.01	11.60	0.03
BV17658	14.000	Max WS	IT_TR030_TP03H	0.88	82.53	83.53		83.53	0.000031	0.10	9.03	11.60	0.04
BV17658	14.000	Max WS	IT_TR030_TP02H	0.50	82.53	83.45		83.45	0.000015	0.06	8.03	11.60	0.02
BV17658	14.000	Max WS	IT_TR030_TP0.5H	0.25	82.53	82.97		82.97	0.000107	0.09	2.68	10.24	0.06
BV17658	14.000	Max WS	IT_TR200_TP0.5H	0.37	82.53	83.43		83.43	0.000008	0.05	7.87	11.60	0.02
BV17658	10	Max WS	IT_TR200_TP02H	10.89	82.01	83.97		83.98	0.000246	0.45	24.25	13.20	0.11
BV17658	10	Max WS	IT_TR200_TP03H	11.90	82.01	84.03		84.04	0.000265	0.47	25.09	13.20	0.11
BV17658	10	Max WS	IT_TR200_TP01H	7.80	82.01	83.74		83.74	0.000191	0.37	21.17	13.20	0.09
BV17658	10	Max WS	IT_TR200_TP04H	11.69	82.01	84.03		84.04	0.000258	0.47	25.01	13.20	0.11
BV17658	10	Max WS	IT_TR200_TP06H	10.78	82.01	83.95		83.96	0.000247	0.45	24.05	13.20	0.11
BV17658	10	Max WS	IT_TR030_TP01H	0.56	82.01	83.21		83.21	0.000003	0.04	14.21	13.20	0.01
BV17658	10	Max WS	IT_TR030_TP06H	3.07	82.01	83.44		83.44	0.000055	0.18	17.30	13.20	0.05
BV17658	10	Max WS	IT_TR030_TP04H	4.39	82.01	83.52		83.53	0.000094	0.24	18.35	13.20	0.06
BV17658	10	Max WS	IT_TR030_TP03H	4.41	82.01	83.52		83.53	0.000094	0.24	18.37	13.20	0.07
BV17658	10	Max WS	IT_TR030_TP02H	3.12	82.01	83.44		83.44	0.000057	0.18	17.27	13.20	0.05
BV17658	10	Max WS	IT_TR030_TP0.5H	-0.01	82.01	82.97		82.97	0.000000	0.00	11.10	13.20	0.00
BV17658	10	Max WS	IT_TR200_TP0.5H	2.34	82.01	83.43		83.43	0.000033	0.14	17.12	13.20	0.04
BV17658	8.7500	Max WS	IT_TR200_TP02H	12.71	81.95	83.96		83.97	0.000389	0.56	22.61	12.00	0.13
BV17658	8.7500	Max WS	IT_TR200_TP03H	13.83	81.95	84.02		84.04	0.000417	0.59	23.36	12.00	0.14
BV17658	8.7500	Max WS	IT_TR200_TP01H	9.35	81.95	83.73		83.74	0.000312	0.47	19.84	12.00	0.12
BV17658	8.7500	Max WS	IT_TR200_TP04H	13.55	81.95	84.01		84.03	0.000404	0.58	23.29	12.00	0.13
BV17658	8.7500	Max WS	IT_TR200_TP06H	12.61	81.95	83.94		83.96	0.000392	0.56	22.42	12.00	0.13
BV17658	8.7500	Max WS	IT_TR030_TP01H	0.40	81.95	83.21		83.21	0.000002	0.03	13.63	12.00	0.01
BV17658	8.7500	Max WS	IT_TR030_TP06H	3.95	81.95	83.44		83.44	0.000100	0.24	16.40	12.00	0.07
BV17658	8.7500	Max WS	IT_TR030_TP04H	5.47	81.95	83.52		83.52	0.000162	0.32	17.33	12.00	0.08
BV17658	8.7500	Max WS											

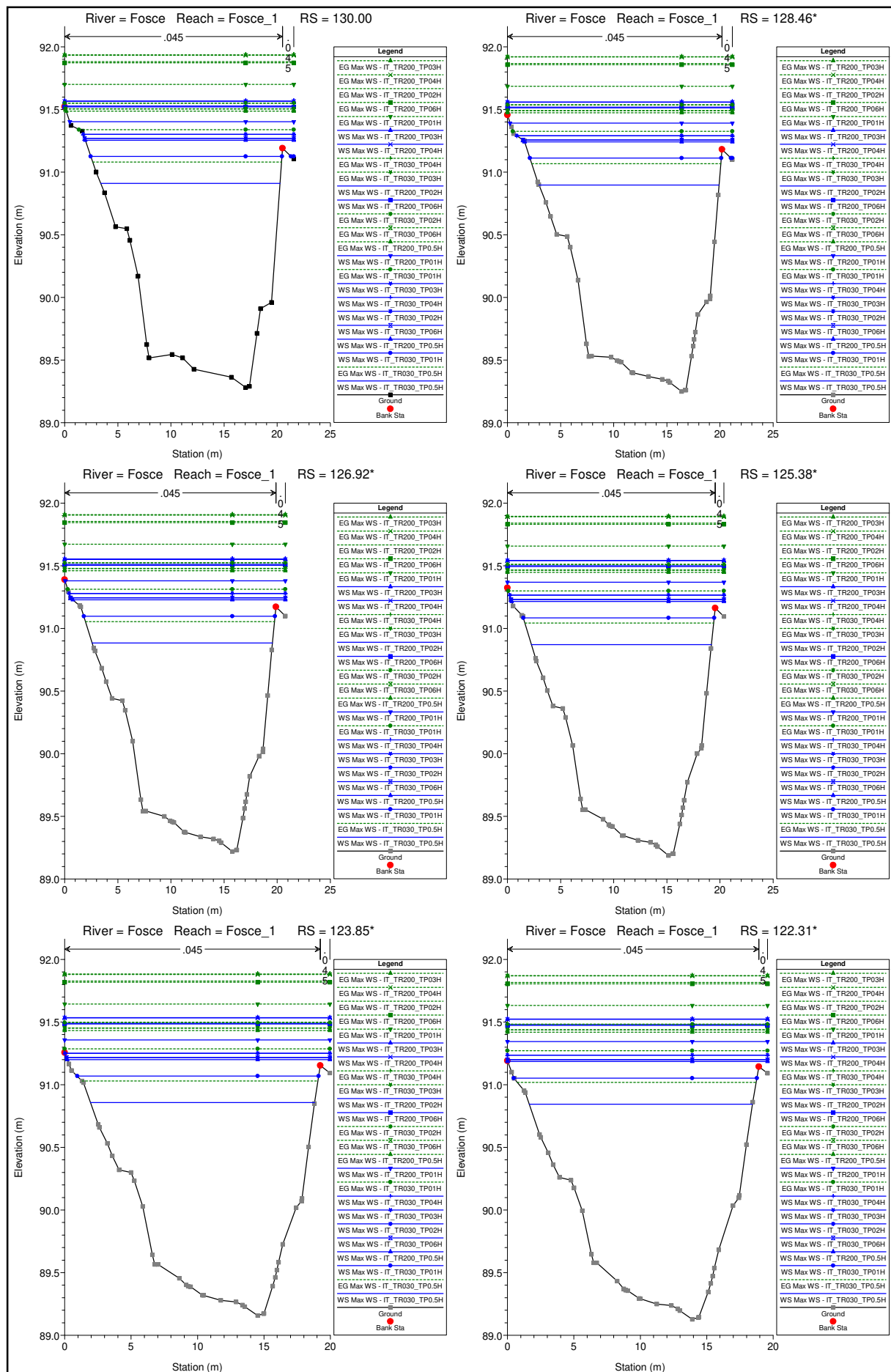
HEC-RAS River: BV17658 Reach: BV17658 Profile: Max WS (Continued)

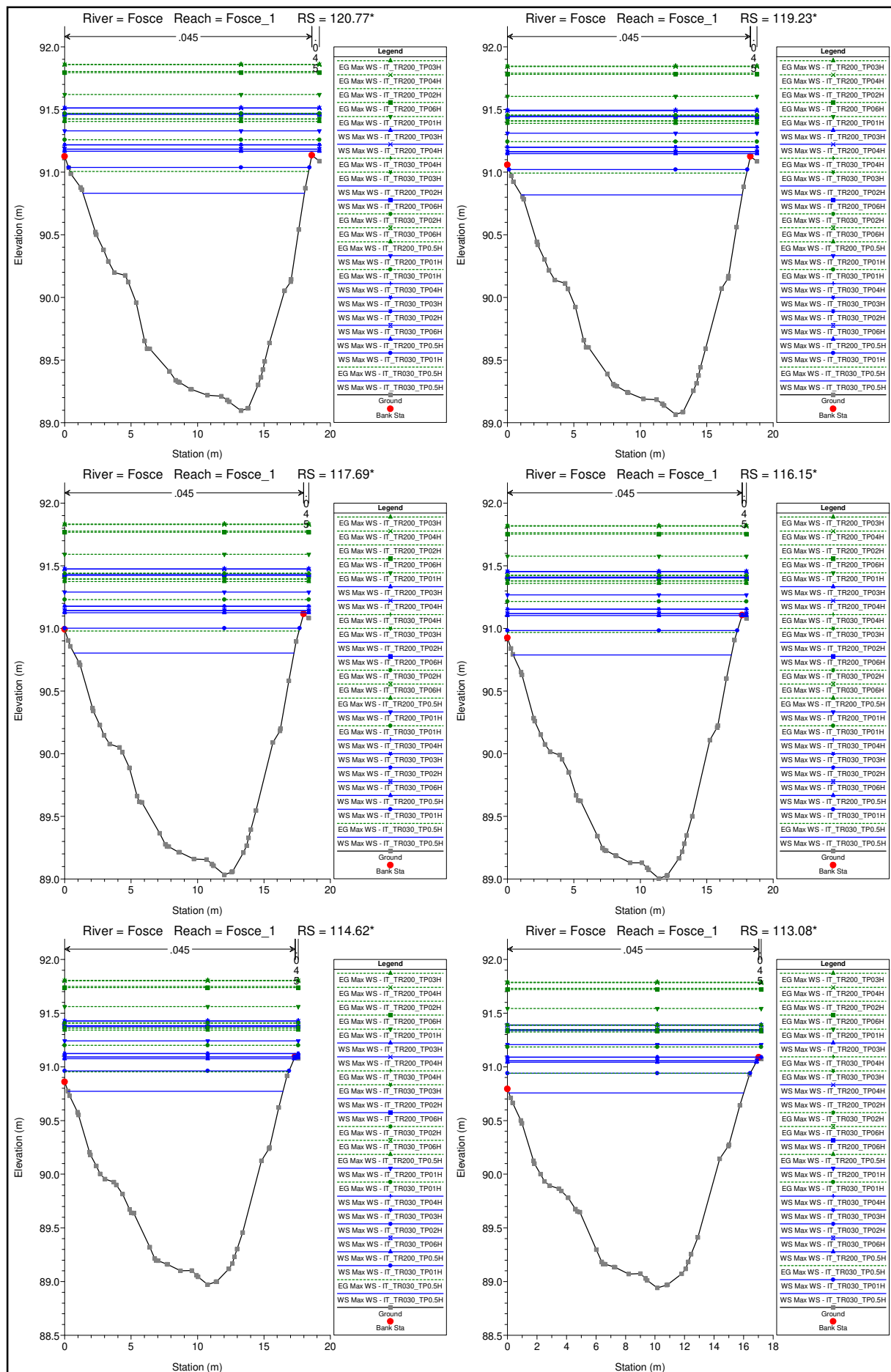
Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
BV17658	8.7500	Max WS	IT_TR030_TP0.5H	-0.27	81.95	82.97		82.97	0.000002	-0.02	10.80	12.00	0.01
BV17658	8.7500	Max WS	IT_TR200_TP0.5H	2.91	81.95	83.43		83.43	0.000056	0.18	16.26	12.00	0.05
BV17658	7.5000	Max WS	IT_TR200_TP02H	9.31	82.04	83.97		83.98	0.000295	0.47	19.64	10.83	0.11
BV17658	7.5000	Max WS	IT_TR200_TP03H	10.04	82.04	84.03		84.04	0.000309	0.49	20.33	10.83	0.12
BV17658	7.5000	Max WS	IT_TR200_TP01H	6.36	82.04	83.74		83.74	0.000208	0.37	17.13	10.83	0.09
BV17658	7.5000	Max WS	IT_TR200_TP04H	9.88	82.04	84.03		84.04	0.000302	0.49	20.27	10.83	0.11
BV17658	7.5000	Max WS	IT_TR200_TP06H	9.28	82.04	83.95		83.96	0.000300	0.48	19.47	10.83	0.11
BV17658	7.5000	Max WS	IT_TR030_TP01H	-0.24	82.04	83.21		83.21	0.000001	-0.02	11.48	10.83	0.01
BV17658	7.5000	Max WS	IT_TR030_TP06H	2.30	82.04	83.44		83.45	0.000051	0.16	13.97	10.83	0.05
BV17658	7.5000	Max WS	IT_TR030_TP04H	3.26	82.04	83.52		83.53	0.000084	0.22	14.84	10.83	0.06
BV17658	7.5000	Max WS	IT_TR030_TP03H	3.27	82.04	83.53		83.53	0.000085	0.22	14.86	10.83	0.06
BV17658	7.5000	Max WS	IT_TR030_TP02H	2.44	82.04	83.44		83.44	0.000057	0.17	13.95	10.83	0.05
BV17658	7.5000	Max WS	IT_TR030_TP0.5H	-0.81	82.04	82.97		82.97	0.000026	-0.09	8.86	10.83	0.03
BV17658	7.5000	Max WS	IT_TR200_TP0.5H	1.59	82.04	83.43		83.43	0.000025	0.11	13.85	10.83	0.03
BV17658	6.2500	Max WS	IT_TR200_TP02H	6.02	82.00	83.98		83.98	0.000153	0.34	17.76	9.66	0.08
BV17658	6.2500	Max WS	IT_TR200_TP03H	6.35	82.00	84.04		84.05	0.000153	0.35	18.40	9.66	0.08
BV17658	6.2500	Max WS	IT_TR200_TP01H	3.49	82.00	83.74		83.75	0.000077	0.23	15.50	9.66	0.06
BV17658	6.2500	Max WS	IT_TR200_TP04H	6.29	82.00	84.04		84.04	0.000152	0.34	18.33	9.66	0.08
BV17658	6.2500	Max WS	IT_TR030_TP06H	6.03	82.00	83.96		83.97	0.000157	0.34	17.62	9.66	0.08
BV17658	6.2500	Max WS	IT_TR030_TP01H	-0.92	82.00	83.23		83.23	0.000017	-0.09	10.50	9.66	0.03
BV17658	6.2500	Max WS	IT_TR030_TP06H	0.75	82.00	83.46		83.46	0.000006	0.06	12.72	9.66	0.02
BV17658	6.2500	Max WS	IT_TR030_TP04H	1.23	82.00	83.53		83.53	0.000015	0.09	13.46	9.66	0.02
BV17658	6.2500	Max WS	IT_TR030_TP03H	1.23	82.00	83.53		83.53	0.000015	0.09	13.48	9.66	0.02
BV17658	6.2500	Max WS	IT_TR030_TP02H	0.92	82.00	83.45		83.45	0.000010	0.07	12.69	9.66	0.02
BV17658	6.2500	Max WS	IT_TR030_TP0.5H	-1.30	82.00	82.97		82.97	0.000080	-0.16	8.04	9.66	0.06
BV17658	6.2500	Max WS	IT_TR200_TP0.5H	0.52	82.00	83.44		83.44	0.000003	0.04	12.59	9.66	0.01
BV17658	5.8333*	Max WS	IT_TR200_TP02H	4.93	81.97	83.98		83.99	0.000105	0.28	17.46	9.28	0.07
BV17658	5.8333*	Max WS	IT_TR200_TP03H	5.13	81.97	84.05		84.05	0.000103	0.28	18.07	9.28	0.06
BV17658	5.8333*	Max WS	IT_TR200_TP01H	2.54	81.97	83.75		83.75	0.000041	0.17	15.28	9.28	0.04
BV17658	5.8333*	Max WS	IT_TR200_TP04H	5.11	81.97	84.04		84.04	0.000103	0.28	18.01	9.28	0.07
BV17658	5.8333*	Max WS	IT_TR200_TP06H	4.95	81.97	83.97		83.97	0.000109	0.29	17.32	9.28	0.07
BV17658	5.8333*	Max WS	IT_TR030_TP01H	-1.20	81.97	83.23		83.23	0.000029	-0.11	10.53	9.28	0.03
BV17658	5.8333*	Max WS	IT_TR030_TP06H	0.53	81.97	83.46		83.46	0.000003	0.04	12.63	9.28	0.01
BV17658	5.8333*	Max WS	IT_TR030_TP04H	0.57	81.97	83.53		83.53	0.000003	0.04	13.32	9.28	0.01
BV17658	5.8333*	Max WS	IT_TR030_TP03H	0.59	81.97	83.54		83.54	0.000003	0.04	13.33	9.28	0.01
BV17658	5.8333*	Max WS	IT_TR030_TP02H	0.53	81.97	83.46		83.46	0.000003	0.04	12.58	9.28	0.01
BV17658	5.8333*	Max WS	IT_TR030_TP0.5H	-1.45	81.97	82.97		82.97	0.000094	-0.18	8.09	9.28	0.06
BV17658	5.8333*	Max WS	IT_TR200_TP0.5H	0.10	81.97	83.45		83.45	0.000000	0.01	12.49	9.28	0.00
BV17658	5.4167*	Max WS	IT_TR200_TP02H	3.72	81.94	83.98		83.99	0.000062	0.22	17.13	8.90	0.05
BV17658	5.4167*	Max WS	IT_TR200_TP03H	3.78	81.94	84.05		84.05	0.000058	0.21	17.71	8.90	0.05
BV17658	5.4167*	Max WS	IT_TR200_TP01H	1.48	81.94	83.75		83.75	0.000014	0.10	15.02	8.90	0.02
BV17658	5.4167*	Max WS	IT_TR200_TP04H	3.79	81.94	84.04		84.05	0.000059	0.21	17.65	8.90	0.05
BV17658	5.4167*	Max WS	IT_TR200_TP06H	3.79	81.94	83.97		83.97	0.000066	0.22	16.99	8.90	0.05
BV17658	5.4167*	Max WS	IT_TR030_TP01H	-1.62	81.94	83.24		83.24	0.000051	-0.15	10.52	8.90	0.05
BV17658	5.4167*	Max WS	IT_TR030_TP06H	-0.31	81.94	83.46		83.46	0.000001	-0.02	12.48	8.90	0.01
BV17658	5.4167*	Max WS	IT_TR030_TP04H	-0.21	81.94	83.54		83.54	0.000000	-0.02	13.14	8.90	0.00
BV17658	5.4167*	Max WS	IT_TR030_TP03H	-0.20	81.94	83.54		83.54	0.000000	-0.02	13.15	8.90	0.00
BV17658	5.4167*	Max WS	IT_TR030_TP02H	-0.28	81.94	83.46		83.46	0.000001	-0.02	12.46	8.90	0.01
BV17658	5.4167*	Max WS	IT_TR030_TP0.5H	-1.65	81.94	82.97		82.97	0.000116	-0.20	8.11	8.90	0.07
BV17658	5.4167*	Max WS	IT_TR200_TP0.5H	-0.31	81.94	83.45		83.45	0.000001	-0.02	12.36	8.90	0.01
BV17658	5	Max WS	IT_TR200_TP02H	2.95	81.90	83.99		83.99	0.000041	0.18	16.76	8.52	0.04
BV17658	5	Max WS	IT_TR200_TP03H	2.92	81.90	84.05		84.05	0.000036	0.17	17.32	8.52	0.04
BV17658	5	Max WS	IT_TR200_TP01H	0.79	81.90	83.75		83.75	0.000004	0.05	14.74	8.52	0.01
BV17658	5	Max WS	IT_TR200_TP04H	2.95	81.90	84.04		84.05	0.000037	0.17	17.26	8.52	0.04
BV17658	5	Max WS	IT_TR200_TP06H	3.03	81.90	83.97		83.97	0.000044	0.18	16.63	8.52	0.04
BV17658	5	Max WS	IT_TR030_TP01H	-1.69	81.90	83.25		83.25	0.000055	-0.16	10.46	8.52	0.05
BV17658	5	Max WS	IT_TR030_TP06H	-0.68	81.90	83.46		83.46	0.000005	-0.06	12.32	8.52	0.01
BV17658	5	Max WS	IT_TR030_TP04H	-0.69	81.90	83.54		83.54	0.000005	-0.05	12.94	8.52	0.01
BV17658	5	Max WS	IT_TR030_TP03H	-0.68	81.90	83.54		83.54	0.000005	-0.05	12.95	8.52	0.01
BV17658	5	Max WS	IT_TR030_TP02H	-0.56	81.90	83.47		83.47	0.000004	-0.05	12.33	8.52	0.01
BV17658	5	Max WS	IT_TR030_TP0.5H	-1.75	81.90	82.97		82.97	0.000128	-0.22	8.11	8.52	0.07
BV17658	5	Max WS	IT_TR200_TP0.5H	-0.56	81.90	83.45		83.45	0.000004	-0.05	12.19	8.52	0.01

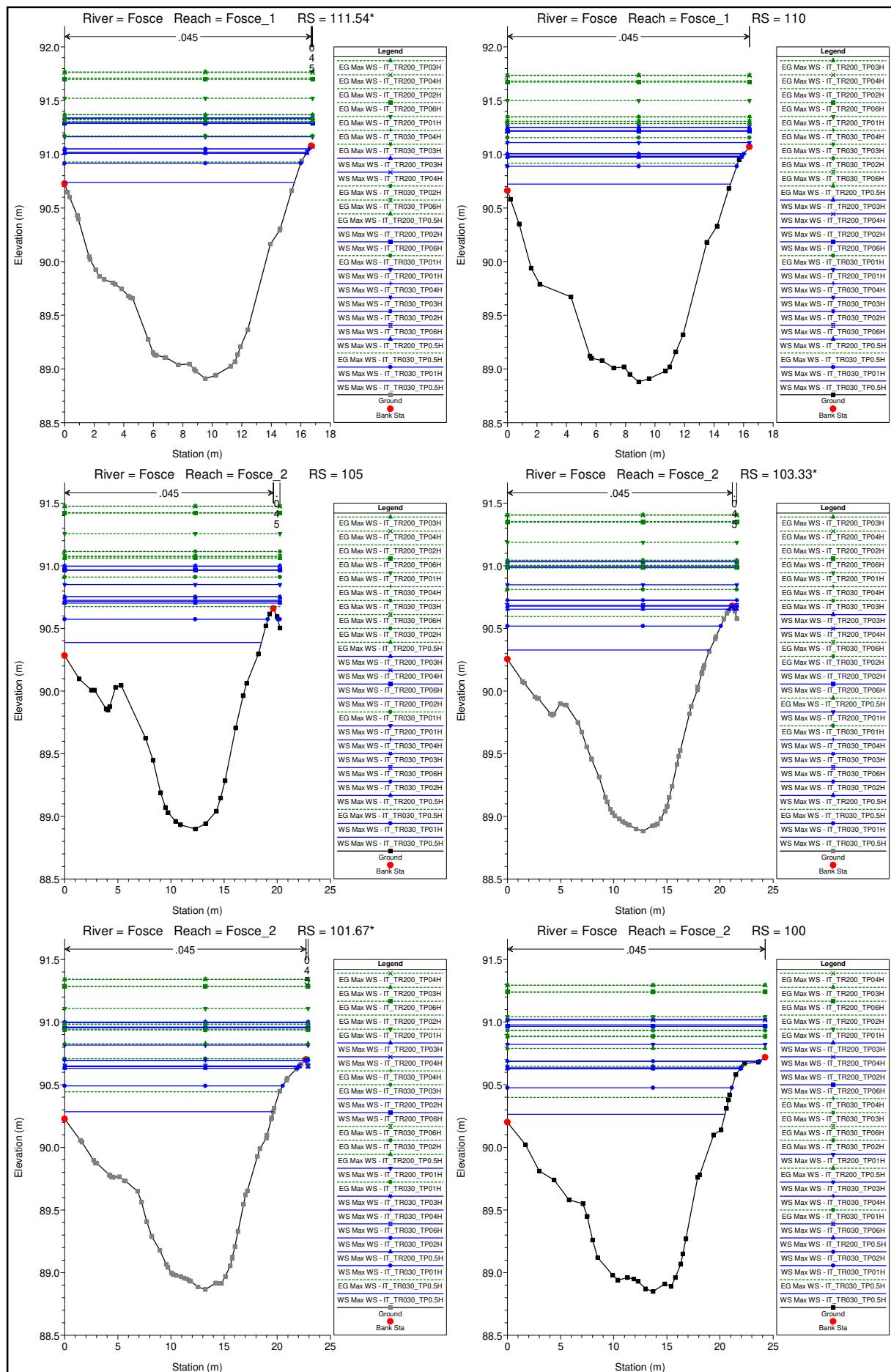




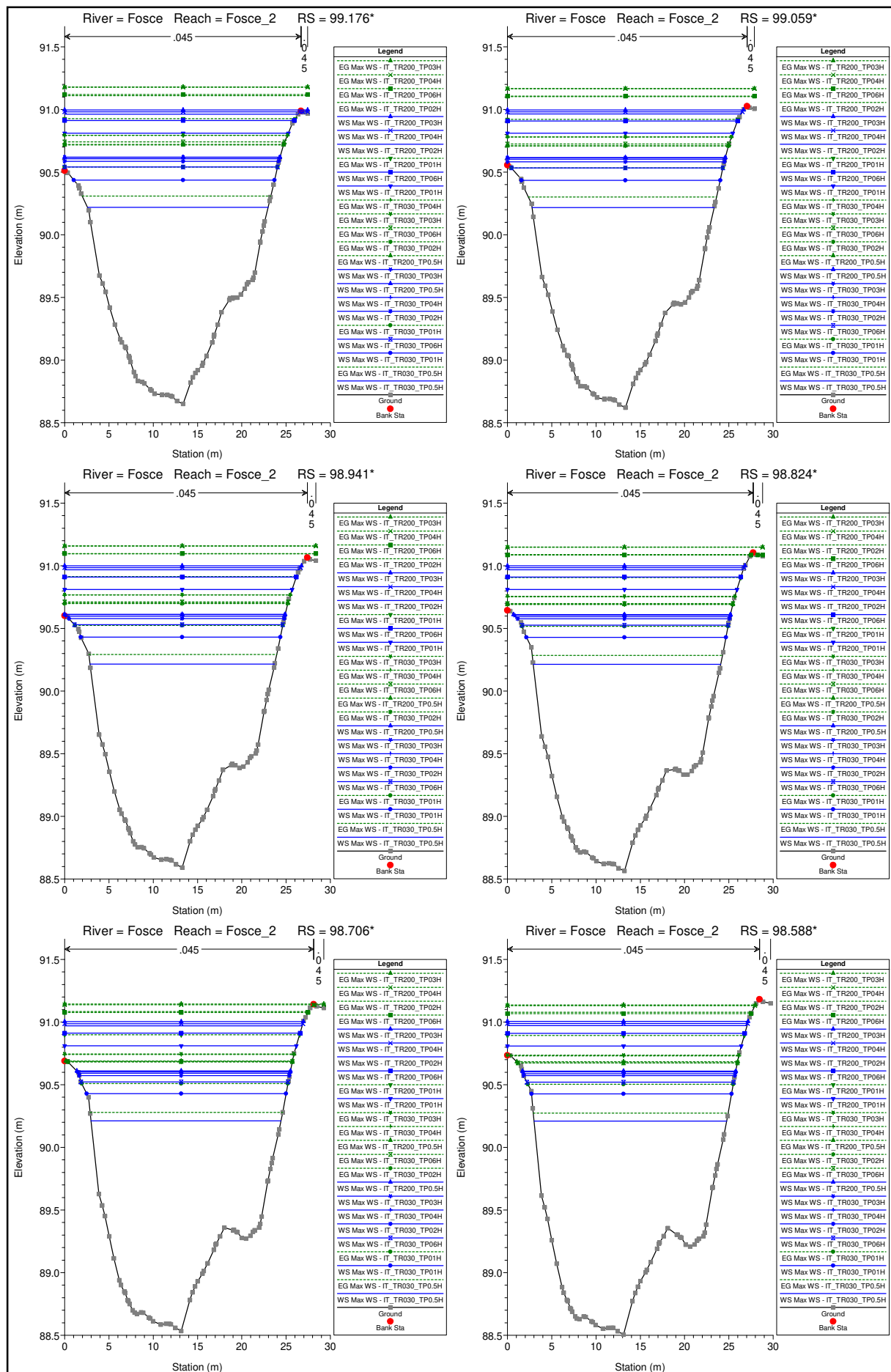


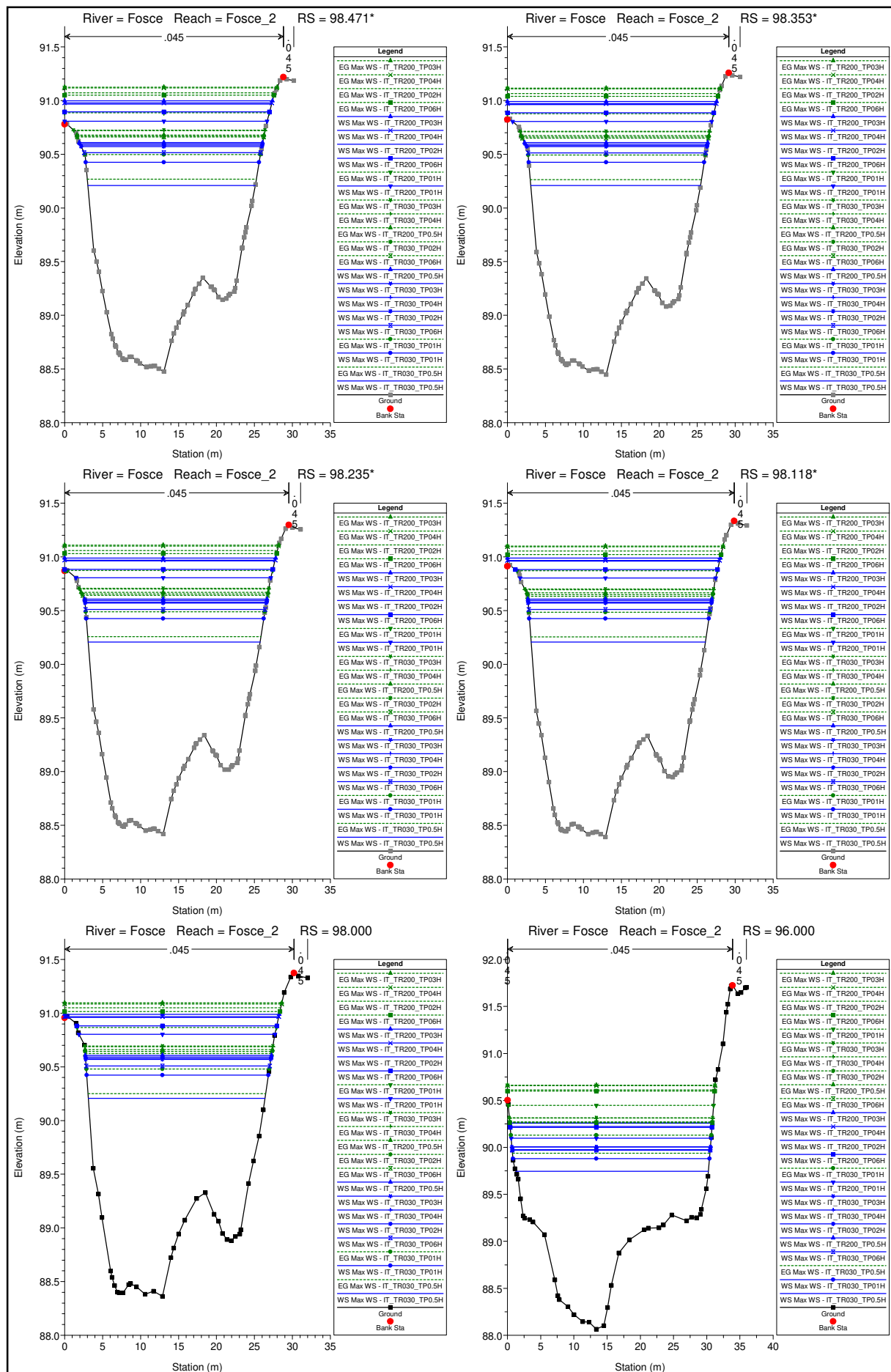


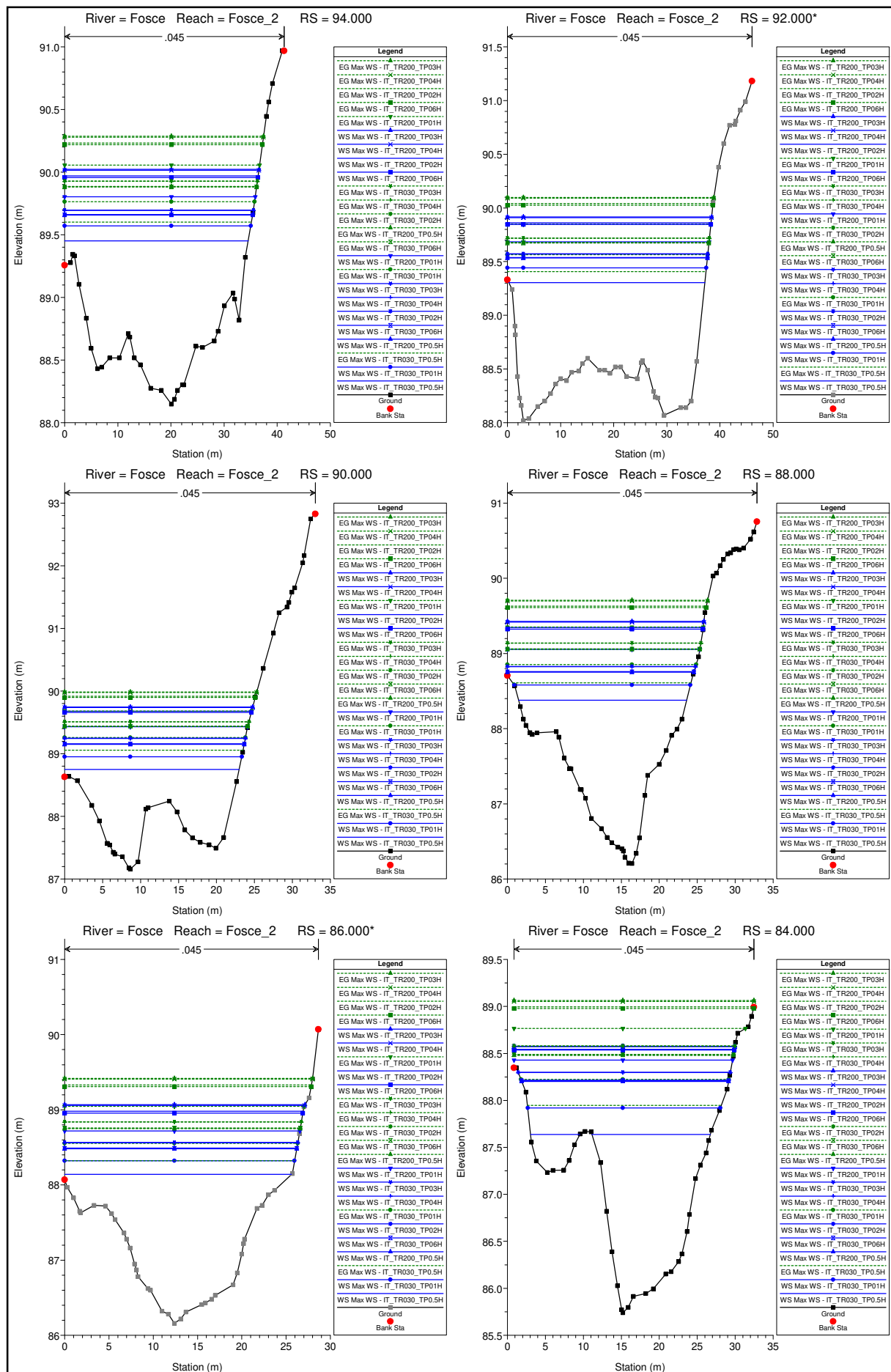


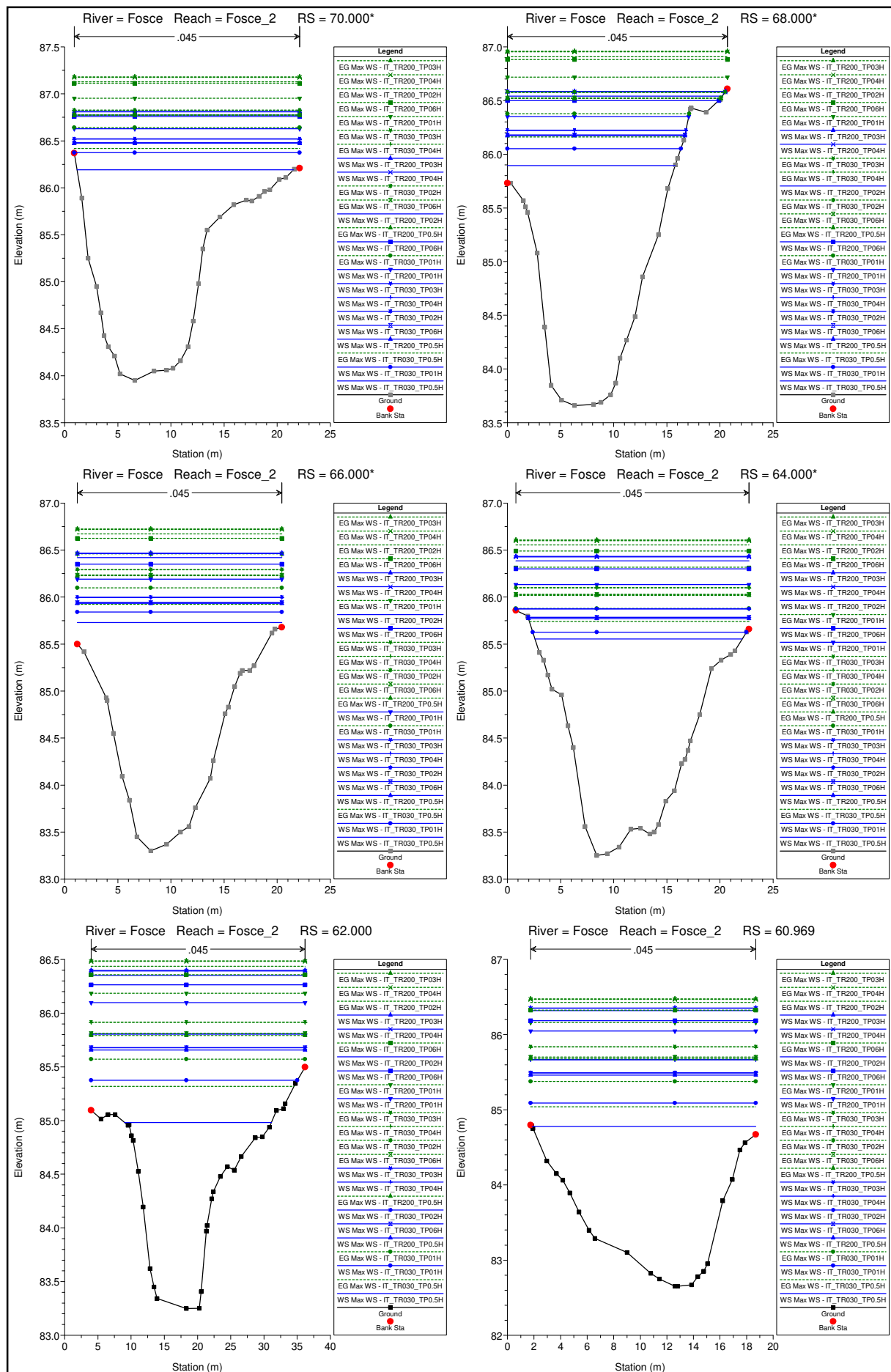


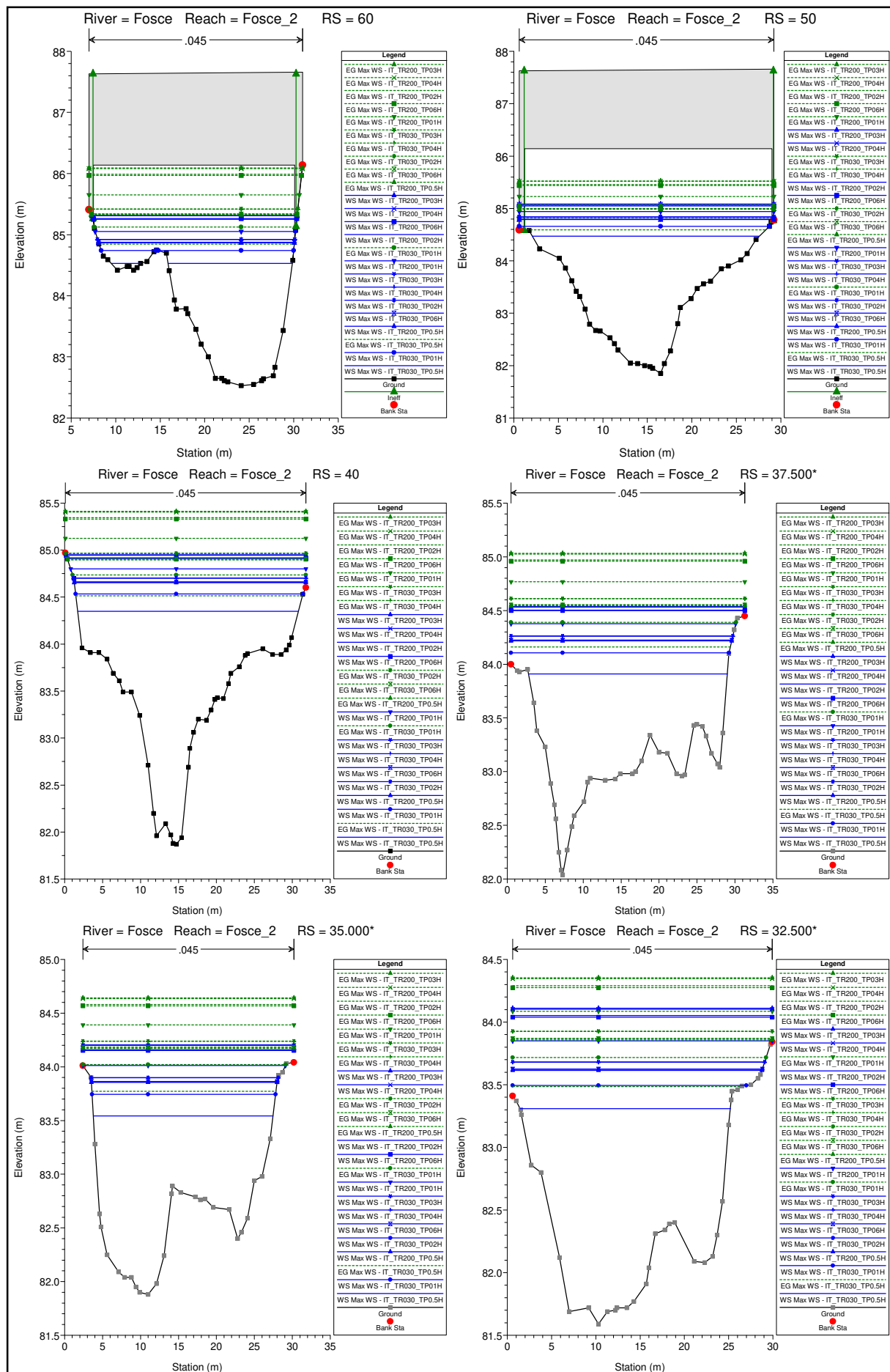


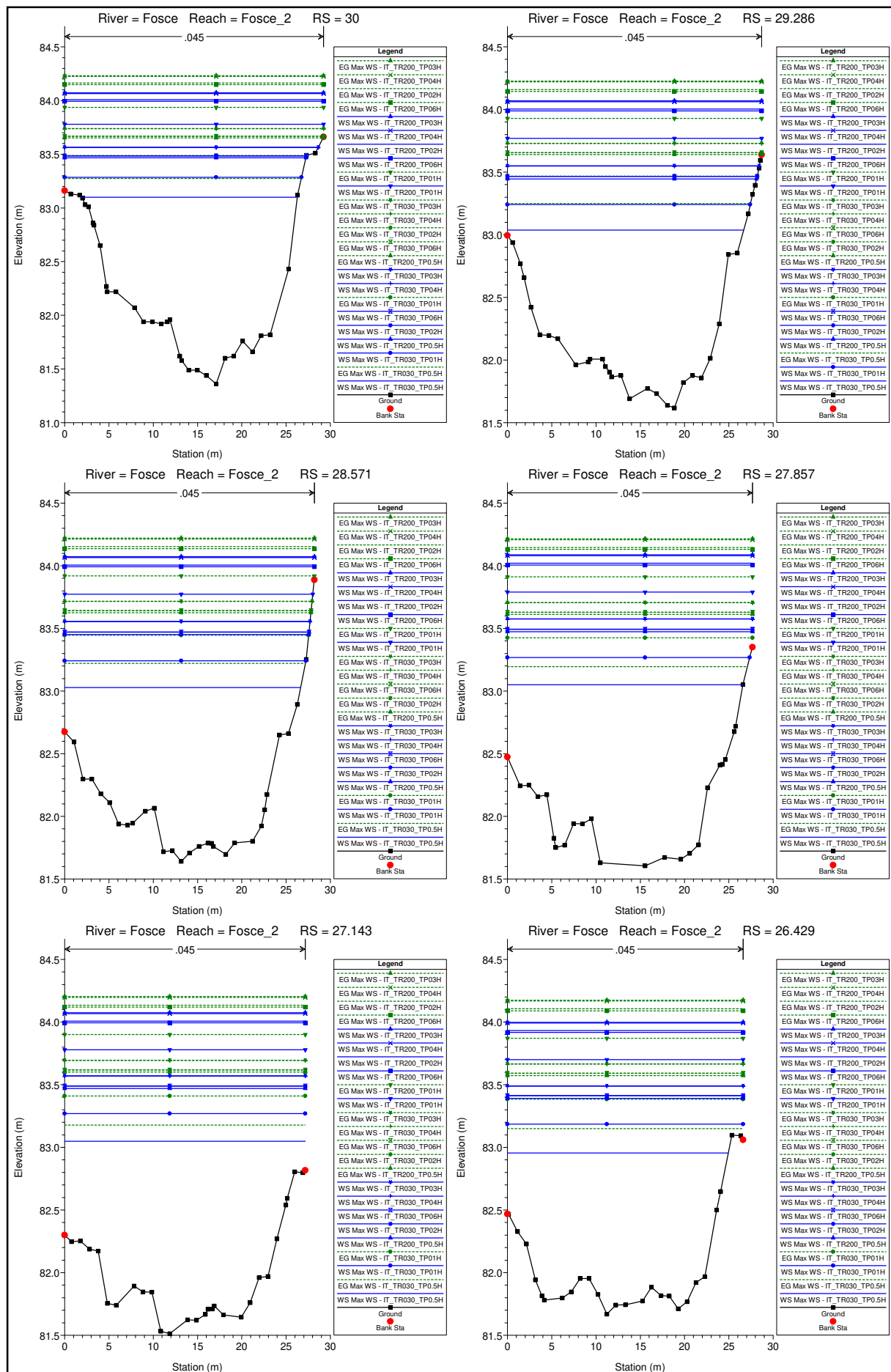


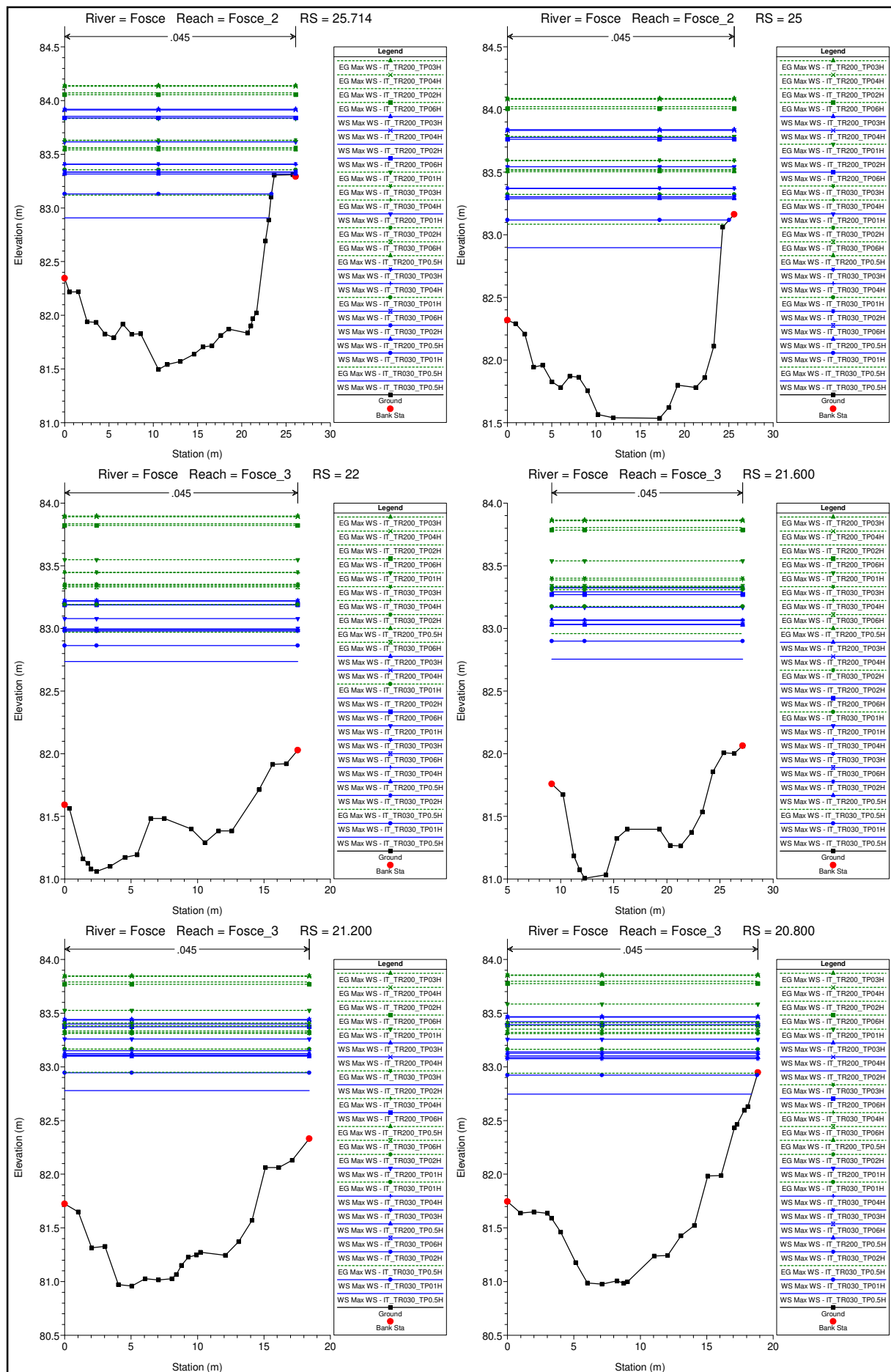














HEC-RAS Profile: Max WS

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
Fosce_1	240	Max WS	IT_TR200_TP02H	105.08	94.09	96.78	96.75	97.55	0.019962	3.89	26.99	16.63	0.98
Fosce_1	240	Max WS	IT_TR200_TP03H	111.87	94.09	96.84	96.82	97.65	0.020131	3.99	28.03	16.63	0.98
Fosce_1	240	Max WS	IT_TR200_TP01H	82.98	94.09	96.59		97.21	0.018117	3.47	23.94	16.63	0.92
Fosce_1	240	Max WS	IT_TR200_TP04H	111.23	94.09	96.83	96.81	97.64	0.020106	3.98	27.94	16.63	0.98
Fosce_1	240	Max WS	IT_TR200_TP06H	103.28	94.09	96.77	96.73	97.52	0.019387	3.83	26.95	16.63	0.96
Fosce_1	240	Max WS	IT_TR030_TP01H	48.86	94.09	96.24		96.61	0.015044	2.69	18.15	16.63	0.82
Fosce_1	240	Max WS	IT_TR030_TP06H	61.77	94.09	96.41		96.85	0.015569	2.97	20.82	16.63	0.85
Fosce_1	240	Max WS	IT_TR030_TP04H	66.36	94.09	96.45		96.93	0.016001	3.07	21.60	16.63	0.86
Fosce_1	240	Max WS	IT_TR030_TP03H	66.49	94.09	96.45		96.94	0.016016	3.08	21.62	16.63	0.86
Fosce_1	240	Max WS	IT_TR030_TP02H	62.25	94.09	96.41		96.86	0.015605	2.98	20.91	16.63	0.85
Fosce_1	240	Max WS	IT_TR030_TP0.5H	35.55	94.09	96.07		96.35	0.013666	2.32	15.32	16.63	0.77
Fosce_1	240	Max WS	IT_TR200_TP0.5H	60.44	94.09	96.39		96.83	0.015436	2.94	20.59	16.63	0.84
Fosce_1	239.99				Lat Struct								
Fosce_1	239.98				Lat Struct								
Fosce_1	233.33*	Max WS	IT_TR200_TP02H	88.26	93.85	96.31	96.26	97.06	0.019645	3.83	23.03	14.13	0.96
Fosce_1	233.33*	Max WS	IT_TR200_TP03H	92.41	93.85	96.35	96.31	97.13	0.019715	3.90	23.70	14.13	0.96
Fosce_1	233.33*	Max WS	IT_TR200_TP01H	72.73	93.85	96.13	96.07	96.77	0.019087	3.55	20.51	14.13	0.94
Fosce_1	233.33*	Max WS	IT_TR200_TP04H	92.06	93.85	96.35	96.31	97.12	0.019709	3.89	23.64	14.13	0.96
Fosce_1	233.33*	Max WS	IT_TR200_TP06H	86.03	93.85	96.32		97.02	0.018367	3.72	23.15	14.13	0.93
Fosce_1	233.33*	Max WS	IT_TR030_TP01H	44.36	93.85	95.78		96.19	0.016533	2.84	15.64	14.13	0.86
Fosce_1	233.33*	Max WS	IT_TR030_TP06H	55.56	93.85	95.93		96.43	0.017638	3.14	17.69	14.13	0.90
Fosce_1	233.33*	Max WS	IT_TR030_TP04H	59.37	93.85	95.97		96.51	0.018048	3.24	18.32	14.13	0.91
Fosce_1	233.33*	Max WS	IT_TR030_TP03H	59.48	93.85	95.98		96.51	0.018060	3.24	18.34	14.13	0.91
Fosce_1	233.33*	Max WS	IT_TR030_TP02H	55.95	93.85	95.93		96.44	0.017689	3.15	17.75	14.13	0.90
Fosce_1	233.33*	Max WS	IT_TR030_TP0.5H	32.89	93.85	95.59		95.92	0.016466	2.54	12.96	14.13	0.85
Fosce_1	233.33*	Max WS	IT_TR200_TP0.5H	54.45	93.85	95.92		96.41	0.017512	3.11	17.50	14.13	0.89
Fosce_1	226.67*	Max WS	IT_TR200_TP02H	68.23	93.61	96.20		96.64	0.009984	2.95	23.16	11.62	0.67
Fosce_1	226.67*	Max WS	IT_TR200_TP03H	70.77	93.61	96.25		96.71	0.009925	2.98	23.78	11.62	0.66
Fosce_1	226.67*	Max WS	IT_TR200_TP01H	58.45	93.61	96.00		96.40	0.010012	2.80	20.86	11.62	0.67
Fosce_1	226.67*	Max WS	IT_TR200_TP04H	70.61	93.61	96.25		96.70	0.009966	2.98	23.71	11.62	0.67
Fosce_1	226.67*	Max WS	IT_TR200_TP06H	67.20	93.61	96.17		96.61	0.010133	2.95	22.81	11.62	0.67
Fosce_1	226.67*	Max WS	IT_TR030_TP01H	37.43	93.61	95.60		95.87	0.008956	2.32	16.14	11.62	0.63
Fosce_1	226.67*	Max WS	IT_TR030_TP06H	46.29	93.61	95.76		96.10	0.009658	2.56	18.10	11.62	0.65
Fosce_1	226.67*	Max WS	IT_TR030_TP04H	49.08	93.61	95.82		96.17	0.009716	2.61	18.77	11.62	0.66
Fosce_1	226.67*	Max WS	IT_TR030_TP03H	49.16	93.61	95.82		96.17	0.009719	2.62	18.79	11.62	0.66
Fosce_1	226.67*	Max WS	IT_TR030_TP02H	46.58	93.61	95.77		96.11	0.009663	2.56	18.17	11.62	0.65
Fosce_1	226.67*	Max WS	IT_TR030_TP0.5H	27.47	93.61	95.40		95.60	0.007697	1.98	13.87	11.62	0.58
Fosce_1	226.67*	Max WS	IT_TR200_TP0.5H	45.46	93.61	95.75		96.08	0.009627	2.54	17.90	11.62	0.65
Fosce_1	220	Max WS	IT_TR200_TP02H	62.22	93.38	95.48	95.43	96.27	0.022916	3.94	15.78	9.12	0.96
Fosce_1	220	Max WS	IT_TR200_TP03H	64.70	93.38	95.53	95.48	96.34	0.022954	3.99	16.20	9.12	0.96
Fosce_1	220	Max WS	IT_TR200_TP01H	53.03	93.38	95.31	95.26	96.02	0.022623	3.72	14.24	9.12	0.95
Fosce_1	220	Max WS	IT_TR200_TP04H	64.50	93.38	95.52	95.47	96.33	0.022962	3.99	16.16	9.12	0.96
Fosce_1	220	Max WS	IT_TR200_TP06H	61.85	93.38	95.50		96.27	0.021900	3.87	15.96	9.12	0.94
Fosce_1	220	Max WS	IT_TR030_TP01H	34.51	93.38	94.95		95.46	0.021448	3.16	10.90	9.12	0.92
Fosce_1	220	Max WS	IT_TR030_TP06H	42.08	93.38	95.10	95.05	95.69	0.022146	3.42	12.29	9.12	0.94
Fosce_1	220	Max WS	IT_TR030_TP04H	44.61	93.38	95.15	95.10	95.77	0.022271	3.50	12.76	9.12	0.94
Fosce_1	220	Max WS	IT_TR030_TP03H	44.68	93.38	95.15	95.10	95.77	0.022282	3.50	12.77	9.12	0.94
Fosce_1	220	Max WS	IT_TR030_TP02H	42.34	93.38	95.10	95.05	95.70	0.022150	3.43	12.34	9.12	0.94
Fosce_1	220	Max WS	IT_TR030_TP0.5H	26.45	93.38	94.78		95.18	0.019887	2.81	9.40	9.12	0.89
Fosce_1	220	Max WS	IT_TR200_TP0.5H	41.35	93.38	95.08	95.03	95.67	0.022101	3.40	12.16	9.12	0.94
Fosce_1	215.00*	Max WS	IT_TR200_TP02H	51.11	92.94	95.37		95.68	0.007488	2.47	20.66	10.85	0.57
Fosce_1	215.00*	Max WS	IT_TR200_TP03H	53.38	92.94	95.42		95.74	0.007600	2.52	21.17	10.85	0.58
Fosce_1	215.00*	Max WS	IT_TR200_TP01H	43.51	92.94	95.19		95.47	0.007253	2.32	18.75	10.85	0.56
Fosce_1	215.00*	Max WS	IT_TR200_TP04H	53.16	92.94	95.41		95.73	0.007585	2.52	21.12	10.85	0.58
Fosce_1	215.00*	Max WS	IT_TR200_TP06H	48.99	92.94	95.36		95.65	0.006943	2.38	20.60	10.85	0.55
Fosce_1	215.00*	Max WS	IT_TR030_TP01H	28.52	92.94	94.81		95.01	0.006625	1.95	14.62	10.85	0.54
Fosce_1	215.00*	Max WS	IT_TR030_TP06H	34.50	92.94	94.97		95.20	0.006858	2.11	16.38	10.85	0.55
Fosce_1	215.00*	Max WS	IT_TR030_TP04H	36.55	92.94	95.03		95.26	0.006929	2.16	16.96	10.85	0.55
Fosce_1	215.00*	Max WS	IT_TR030_TP03H	36.61	92.94	95.03		95.27	0.006930	2.16	16.97	10.85	0.55
Fosce_1	215.00*	Max WS	IT_TR030_TP02H	34.71	92.94	94.98		95.21	0.006868	2.11	16.44	10.85	0.55
Fosce_1	215.00*	Max WS	IT_TR030_TP0.5H	22.19	92.94	94.62		94.78	0.006376	1.77	12.57	10.85	0.52
Fosce_1	215.00*	Max WS	IT_TR200_TP0.5H	33.90	92.94	94.96		95.18	0.006837	2.09	16.20	10.85	0.55
Fosce_1	210.00*	Max WS	IT_TR200_TP02H	56.26	92.50	95.13		95.41	0.006000	2.30	24.42	12.59	0.53
Fosce_1	210.00*	Max WS	IT_TR200_TP03H	58.57	92.50	95.18		95.46	0.006063	2.34	25.00	12.59	0.53
Fosce_1	210.00*	Max WS	IT_TR200_TP01H	48.15	92.50	94.97		95.20	0.005781	2.16	22.30	12.59	0.52
Fosce_1	210.00*	Max WS	IT_TR200_TP04H	58.37	92.50	95.18		95.46	0.006057	2.34	24.95	12.59	0.53
Fosce_1	210.00*	Max WS	IT_TR200_TP06H	54.79	92.50	95.13		95.39	0.005753	2.25	24.33	12.59	0.52
Fosce_1	210.00*	Max WS	IT_TR030_TP01H	33.09	92.50	94.57		94.75	0.005960	1.92	17.27	12.59	0.52
Fosce_1	210.00*	Max WS	IT_TR030_TP06H	38.95	92.50	94.75		94.95	0.005663	1.99	19.53	12.59	0.51
Fosce_1	210.00*	Max WS	IT_TR030_TP04H	41.03	92.50	94.80		95.01	0.005646	2.03	20.23	12.59	0.51
Fosce_1	210.00*	Max WS	IT_TR030_TP03H	41.09	92.50	94.80		95.01	0.005649	2.03	20.24	12.59	0.51
Fosce_1	210.00*	Max WS	IT_TR030_TP02H	39.16	92.50	94.75		94.96	0.005657	2.00	19.60	12.59	0.51
Fosce_1	210.00*	Max WS	IT_TR030_TP0.5H	26.68	92.50	94.35		94.52	0.006647	1.84	14.51	12.59	0.55
Fosce_1	210.00*	Max WS	IT_TR200_TP0.5H	38.36	92.50	94.73		94.93	0.005681	1.99	19.31	12.59	0.51
Fosce_1	205.00*	Max WS	IT_TR200_TP02H	65.12	92.06	94.84		95.13	0.006251	2.38	27.37	14.32	0.55
Fosce_1	205.00*	Max WS	IT_TR200_TP03H	67.46	92.06	94.90		95.19	0.006193	2.40	28.10	14.32	0.55
Fosce_1	205.00*	Max WS	IT_TR200_TP01H	56.98	92.06	94.65		94.92	0.006662	2.32	24.56	14.32	0.57
Fosce_1	205.00*	Max WS	IT_TR200_TP04H	67.26	92.06	94.89		95.18	0.006197	2.40	28.04	14.32	0.55
Fosce_1	205.00*	Max WS	IT_TR200_TP06H	64.06	92.06	94.83		95.12	0.006156	2.35	27.21	14.32	0.55
Fosce_1	205.00*	Max WS	IT_TR030_TP01H	39.93	92.06	94.20		94.44	0.008444	2.21	18.08	14.32	0.63
Fosce_1	205.00*	Max WS	IT_TR030_TP06H	47.26	92.06	94.38		94.65	0.007688	2.28	20.77	14.32	0.60
Fosce_1	205.00*	Max WS	IT_TR030_TP04H	49.62	92.06	94.45		94.71	0.007423	2.29	21.67	14.32	0.59
Fosce_1	205.00*	Max WS	IT_TR030_TP03H	49.69	92.06	94.45		94.72	0.007419	2.29	21.70	14.32	0.59
Fosce_1	205.00*	Max WS	IT_TR030_TP02H	47.51	92.06	94.39		94.65	0.007664	2.28	20.86	14.32	0.60
Fosce_1	205.00*	Max WS	IT_TR030_TP0.5H	31.42	92.06	93.99		94.21	0.009057	2.08	15.14	14.20	0.64
Fosce_1	205.00*	Max WS	IT_TR200_TP0.5H	46.54	92.06	94.36		94.63	0.007764	2.27	20.49	14.32	0.61

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
Fosce_1	200	Max WS	IT_TR200_TP02H	72.64	91.63	94.60		94.88	0.005949	2.35	30.85	16.06	0.54
Fosce_1	200	Max WS	IT_TR200_TP03H	75.36	91.63	94.65		94.94	0.005930	2.38	31.63	16.06	0.54
Fosce_1	200	Max WS	IT_TR200_TP01H	62.72	91.63	94.41		94.67	0.006073	2.25	27.85	16.06	0.55
Fosce_1	200	Max WS	IT_TR200_TP04H	75.12	91.63	94.64		94.93	0.005931	2.38	31.57	16.06	0.54
Fosce_1	200	Max WS	IT_TR200_TP06H	71.70	91.63	94.59		94.87	0.005905	2.34	30.66	16.06	0.54
Fosce_1	200	Max WS	IT_TR030_TP01H	40.94	91.63	94.01		94.19	0.005935	1.92	21.33	16.06	0.53
Fosce_1	200	Max WS	IT_TR030_TP06H	50.27	91.63	94.16		94.39	0.006290	2.11	23.88	16.06	0.55
Fosce_1	200	Max WS	IT_TR030_TP04H	53.27	91.63	94.22		94.46	0.006264	2.15	24.82	16.06	0.55
Fosce_1	200	Max WS	IT_TR030_TP03H	53.35	91.63	94.22		94.46	0.006264	2.15	24.84	16.06	0.55
Fosce_1	200	Max WS	IT_TR030_TP02H	50.58	91.63	94.17		94.40	0.006292	2.11	23.97	16.06	0.55
Fosce_1	200	Max WS	IT_TR030_TP0.5H	30.59	91.63	93.84		93.98	0.004849	1.63	18.74	15.82	0.48
Fosce_1	200	Max WS	IT_TR200_TP0.5H	49.35	91.63	94.15		94.37	0.006277	2.09	23.62	16.06	0.55
Fosce_1	196.25	Max WS	IT_TR200_TP02H	90.92	91.93	94.17		94.49	0.008419	2.49	36.44	25.26	0.66
Fosce_1	196.25	Max WS	IT_TR200_TP03H	94.75	91.93	94.22		94.54	0.008305	2.52	37.59	25.34	0.66
Fosce_1	196.25	Max WS	IT_TR200_TP01H	76.77	91.93	94.01		94.30	0.008772	2.38	32.29	24.98	0.67
Fosce_1	196.25	Max WS	IT_TR200_TP04H	94.42	91.93	94.22		94.54	0.008316	2.52	37.49	25.33	0.66
Fosce_1	196.25	Max WS	IT_TR200_TP06H	89.86	91.93	94.16		94.48	0.008467	2.49	36.11	25.24	0.66
Fosce_1	196.25	Max WS	IT_TR030_TP01H	47.14	91.93	93.58		93.82	0.011738	2.18	21.65	24.26	0.74
Fosce_1	196.25	Max WS	IT_TR030_TP06H	59.07	91.93	93.76		94.02	0.010160	2.26	26.10	24.56	0.70
Fosce_1	196.25	Max WS	IT_TR030_TP04H	63.24	91.93	93.82		94.09	0.009798	2.29	27.56	24.66	0.69
Fosce_1	196.25	Max WS	IT_TR030_TP03H	63.35	91.93	93.82		94.09	0.009791	2.30	27.60	24.67	0.69
Fosce_1	196.25	Max WS	IT_TR030_TP02H	59.49	91.93	93.77		94.03	0.010120	2.27	26.25	24.57	0.70
Fosce_1	196.25	Max WS	IT_TR030_TP0.5H	34.60	91.93	93.37		93.59	0.014583	2.09	16.59	23.56	0.79
Fosce_1	196.25	Max WS	IT_TR200_TP0.5H	57.85	91.93	93.74		94.00	0.010278	2.25	25.67	24.53	0.70
Fosce_1	192.50	Max WS	IT_TR200_TP02H	93.77	91.28	93.89		94.20	0.007197	2.46	38.11	23.80	0.62
Fosce_1	192.50	Max WS	IT_TR200_TP03H	97.74	91.28	93.93		94.25	0.007136	2.49	39.23	23.80	0.62
Fosce_1	192.50	Max WS	IT_TR200_TP01H	79.69	91.28	93.70		93.99	0.007718	2.37	33.65	23.80	0.64
Fosce_1	192.50	Max WS	IT_TR200_TP04H	97.39	91.28	93.93		94.25	0.007138	2.49	39.13	23.80	0.62
Fosce_1	192.50	Max WS	IT_TR200_TP06H	92.91	91.28	93.87		94.18	0.007380	2.47	37.59	23.80	0.63
Fosce_1	192.50	Max WS	IT_TR030_TP01H	48.46	91.28	93.27		93.47	0.006593	1.99	24.29	19.96	0.58
Fosce_1	192.50	Max WS	IT_TR030_TP06H	61.18	91.28	93.46		93.70	0.006986	2.18	28.12	21.12	0.60
Fosce_1	192.50	Max WS	IT_TR030_TP04H	65.60	91.28	93.51		93.77	0.007119	2.24	29.34	21.40	0.61
Fosce_1	192.50	Max WS	IT_TR030_TP03H	65.72	91.28	93.51		93.77	0.007123	2.24	29.37	21.40	0.61
Fosce_1	192.50	Max WS	IT_TR030_TP02H	61.63	91.28	93.46		93.70	0.006999	2.18	28.24	21.14	0.60
Fosce_1	192.50	Max WS	IT_TR030_TP0.5H	35.18	91.28	93.04		93.20	0.006164	1.77	19.87	18.60	0.55
Fosce_1	192.50	Max WS	IT_TR200_TP0.5H	59.87	91.28	93.44		93.67	0.006957	2.16	27.75	21.06	0.60
Fosce_1	188.75*	Max WS	IT_TR200_TP02H	94.05	91.10	93.36		93.82	0.013441	3.01	31.29	23.90	0.84
Fosce_1	188.75*	Max WS	IT_TR200_TP03H	98.28	91.10	93.39		93.87	0.013598	3.07	32.05	23.90	0.85
Fosce_1	188.75*	Max WS	IT_TR200_TP01H	79.42	91.10	93.25		93.64	0.011808	2.77	28.68	22.55	0.78
Fosce_1	188.75*	Max WS	IT_TR200_TP04H	97.92	91.10	93.39		93.86	0.013585	3.06	31.98	23.90	0.85
Fosce_1	188.75*	Max WS	IT_TR200_TP06H	93.10	91.10	93.36		93.81	0.013170	2.98	31.29	23.90	0.83
Fosce_1	188.75*	Max WS	IT_TR030_TP01H	48.46	91.10	92.99		93.21	0.008127	2.10	23.10	20.91	0.64
Fosce_1	188.75*	Max WS	IT_TR030_TP06H	61.19	91.10	93.12		93.41	0.009299	2.35	26.00	21.92	0.69
Fosce_1	188.75*	Max WS	IT_TR030_TP04H	65.61	91.10	93.16		93.46	0.009903	2.46	26.69	22.06	0.71
Fosce_1	188.75*	Max WS	IT_TR030_TP03H	65.73	91.10	93.16		93.47	0.009916	2.46	26.71	22.07	0.71
Fosce_1	188.75*	Max WS	IT_TR030_TP02H	61.64	91.10	93.13		93.41	0.009364	2.36	26.08	21.95	0.69
Fosce_1	188.75*	Max WS	IT_TR030_TP0.5H	35.18	91.10	92.74		92.93	0.008872	1.95	18.03	19.49	0.65
Fosce_1	188.75*	Max WS	IT_TR200_TP0.5H	59.88	91.10	93.11		93.39	0.009130	2.32	25.77	21.84	0.68
Fosce_1	186.99		Lat Struct										
Fosce_1	186.98		Lat Struct										
Fosce_1	185.00*	Max WS	IT_TR200_TP02H	84.86	90.41	93.17		93.50	0.006815	2.55	33.30	19.03	0.62
Fosce_1	185.00*	Max WS	IT_TR200_TP03H	88.69	90.41	93.20		93.55	0.007145	2.62	33.80	19.13	0.63
Fosce_1	185.00*	Max WS	IT_TR200_TP01H	72.50	90.41	93.08		93.35	0.005768	2.30	31.57	18.68	0.56
Fosce_1	185.00*	Max WS	IT_TR200_TP04H	88.37	90.41	93.20		93.55	0.007117	2.62	33.76	19.12	0.63
Fosce_1	185.00*	Max WS	IT_TR200_TP06H	83.87	90.41	93.17		93.49	0.006727	2.53	33.17	19.00	0.61
Fosce_1	185.00*	Max WS	IT_TR030_TP01H	48.42	90.41	92.81		92.98	0.004305	1.82	26.56	18.12	0.48
Fosce_1	185.00*	Max WS	IT_TR030_TP06H	58.81	90.41	92.95		93.16	0.004842	2.02	29.09	18.40	0.51
Fosce_1	185.00*	Max WS	IT_TR030_TP04H	62.07	90.41	92.98		93.20	0.005052	2.09	29.73	18.48	0.53
Fosce_1	185.00*	Max WS	IT_TR030_TP03H	62.16	90.41	92.98		93.21	0.005057	2.09	29.75	18.48	0.53
Fosce_1	185.00*	Max WS	IT_TR030_TP02H	59.15	90.41	92.95		93.16	0.004864	2.03	29.15	18.41	0.51
Fosce_1	185.00*	Max WS	IT_TR030_TP0.5H	35.18	90.41	92.56		92.69	0.003859	1.59	22.14	17.22	0.45
Fosce_1	185.00*	Max WS	IT_TR200_TP0.5H	57.83	90.41	92.94		93.14	0.004784	2.00	28.87	18.38	0.51
Fosce_1	181.25	Max WS	IT_TR200_TP02H	79.28	90.76	92.83		93.24	0.011366	2.85	27.86	20.30	0.77
Fosce_1	181.25	Max WS	IT_TR200_TP03H	82.48	90.76	92.86		93.29	0.011344	2.88	28.60	20.39	0.78
Fosce_1	181.25	Max WS	IT_TR200_TP01H	68.58	90.76	92.70		93.07	0.011319	2.70	25.41	20.01	0.76
Fosce_1	181.25	Max WS	IT_TR200_TP04H	82.19	90.76	92.86		93.28	0.011342	2.88	28.54	20.38	0.78
Fosce_1	181.25	Max WS	IT_TR200_TP06H	78.49	90.76	92.82		93.23	0.011324	2.83	27.72	20.29	0.77
Fosce_1	181.25	Max WS	IT_TR030_TP01H	48.40	90.76	92.40		92.70	0.011206	2.45	19.73	17.77	0.74
Fosce_1	181.25	Max WS	IT_TR030_TP06H	57.66	90.76	92.50		92.87	0.012167	2.67	21.62	18.24	0.78
Fosce_1	181.25	Max WS	IT_TR030_TP04H	60.45	90.76	92.54		92.92	0.012163	2.71	22.33	18.42	0.79
Fosce_1	181.25	Max WS	IT_TR030_TP03H	60.52	90.76	92.54		92.92	0.012156	2.71	22.36	18.43	0.78
Fosce_1	181.25	Max WS	IT_TR030_TP02H	57.95	90.76	92.51		92.87	0.012179	2.67	21.68	18.26	0.78
Fosce_1	181.25	Max WS	IT_TR030_TP0.5H	35.18	90.76	92.23		92.45	0.009611	2.10	16.76	17.04	0.68
Fosce_1	181.25	Max WS	IT_TR200_TP0.5H	56.81	90.76	92.49		92.85	0.012132	2.65	21.42	18.19	0.78
Fosce_1	177.50*	Max WS	IT_TR200_TP02H	83.11	90.29	92.52		92.81	0.008790	2.36	35.27	28.38	0.67
Fosce_1	177.50*	Max WS	IT_TR200_TP03H	86.55	90.29	92.57		92.86	0.008455	2.36	36.63	28.46	0.66
Fosce_1	177.50*	Max WS	IT_TR200_TP01H	71.86	90.29	92.33		92.62	0.010354	2.41	29.85	26.41	0.72
Fosce_1	177.50*	Max WS	IT_TR200_TP04H	86.26	90.29	92.57		92.85	0.008482	2.36	36.52	28.45	0.67
Fosce_1	177.50*	Max WS	IT_TR200_TP06H	82.26	90.29	92.51		92.80	0.008863	2.35	34.95	28.36	0.68
Fosce_1	177.50*	Max WS	IT_TR030_TP01H	48.40	90.29	91.99		92.25	0.013374	2.28	21.19	24.68	0.79
Fosce_1	177.50*	Max WS	IT_TR030_TP06H	57.86	90.29	92.12		92.40	0.012306	2.37	24.42	25.26	0.77
Fosce_1	177.50*	Max WS	IT_TR030_TP04H	61.12	90.29	92.17		92.46	0.011742	2.38	25.69	25.48	0.76
Fosce_1	177.50*	Max WS	IT_TR030_TP03H	61.21	90.29	92.17		92.46	0.011721	2.38	25.73	25.48	0.76
Fosce_1	177.50*	Max WS	IT_TR030_TP02H	58.18	90.29	92.12		92.41	0.012248	2.37	24.55	25.28	0.77
Fosce_1	177.50*	Max WS	IT_TR030_TP0.5H	35.18	90.29	91.82		92.04	0.013448	2.04	17.21	23.84	0.77

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
Fosce_1	177.50*	Max WS	IT_TR200_TP0.5H	56.91	90.29	92.10		92.39	0.012489	2.37	24.05	25.19	0.77
Fosce_1	173.75*	Max WS	IT_TR200_TP02H	92.30	89.70	92.16		92.45	0.008294	2.36	39.13	30.02	0.66
Fosce_1	173.75*	Max WS	IT_TR200_TP03H	96.70	89.70	92.21		92.50	0.008147	2.39	40.53	30.11	0.66
Fosce_1	173.75*	Max WS	IT_TR200_TP01H	76.08	89.70	91.99		92.25	0.008660	2.24	34.04	29.41	0.66
Fosce_1	173.75*	Max WS	IT_TR200_TP04H	96.33	89.70	92.21		92.50	0.008173	2.38	40.40	30.10	0.66
Fosce_1	173.75*	Max WS	IT_TR200_TP06H	91.28	89.70	92.15		92.43	0.008385	2.36	38.72	29.99	0.66
Fosce_1	173.75*	Max WS	IT_TR030_TP01H	48.27	89.70	91.63		91.84	0.009369	2.01	24.01	25.84	0.67
Fosce_1	173.75*	Max WS	IT_TR030_TP06H	58.38	89.70	91.80		92.01	0.008650	2.06	28.41	27.86	0.65
Fosce_1	173.75*	Max WS	IT_TR030_TP04H	62.50	89.70	91.84		92.07	0.008629	2.10	29.78	28.23	0.65
Fosce_1	173.75*	Max WS	IT_TR030_TP03H	62.60	89.70	91.85		92.07	0.008599	2.10	29.85	28.25	0.65
Fosce_1	173.75*	Max WS	IT_TR030_TP02H	58.77	89.70	91.80		92.02	0.008618	2.06	28.57	27.90	0.65
Fosce_1	173.75*	Max WS	IT_TR030_TP0.5H	35.04	89.70	91.49		91.64	0.008264	1.72	20.32	25.10	0.61
Fosce_1	173.75*	Max WS	IT_TR200_TP0.5H	57.19	89.70	91.78		91.99	0.008683	2.04	27.98	27.74	0.65
Fosce_1	170	Max WS	IT_TR200_TP02H	89.53	89.18	91.76		92.12	0.011099	2.65	33.73	24.80	0.73
Fosce_1	170	Max WS	IT_TR200_TP03H	93.93	89.18	91.80		92.17	0.011079	2.70	34.77	24.80	0.73
Fosce_1	170	Max WS	IT_TR200_TP01H	73.66	89.18	91.62		91.92	0.010566	2.43	30.33	24.80	0.70
Fosce_1	170	Max WS	IT_TR200_TP04H	93.56	89.18	91.80		92.17	0.011008	2.69	34.76	24.80	0.73
Fosce_1	170	Max WS	IT_TR200_TP06H	88.41	89.18	91.76		92.11	0.010915	2.63	33.64	24.80	0.72
Fosce_1	170	Max WS	IT_TR030_TP01H	45.16	89.18	91.35		91.54	0.008965	1.92	23.57	24.80	0.63
Fosce_1	170	Max WS	IT_TR030_TP06H	56.62	89.18	91.47		91.70	0.009589	2.13	26.55	24.80	0.66
Fosce_1	170	Max WS	IT_TR030_TP04H	60.65	89.18	91.50		91.75	0.009976	2.22	27.36	24.80	0.67
Fosce_1	170	Max WS	IT_TR030_TP03H	60.80	89.18	91.50		91.75	0.010097	2.23	27.30	24.80	0.68
Fosce_1	170	Max WS	IT_TR030_TP02H	57.05	89.18	91.47		91.71	0.009763	2.15	26.52	24.80	0.66
Fosce_1	170	Max WS	IT_TR030_TP0.5H	33.66	89.18	91.10		91.29	0.012244	1.94	17.36	22.94	0.71
Fosce_1	170	Max WS	IT_TR200_TP0.5H	55.41	89.18	91.46		91.68	0.009591	2.12	26.19	24.80	0.66
Fosce_1	160	Max WS	IT_TR200_TP02H	92.14	89.51	91.85		92.00	0.003090	1.71	53.93	30.64	0.41
Fosce_1	160	Max WS	IT_TR200_TP03H	97.05	89.51	91.89		92.05	0.003178	1.76	55.23	30.64	0.42
Fosce_1	160	Max WS	IT_TR200_TP01H	75.10	89.51	91.70		91.82	0.002717	1.52	49.40	30.64	0.38
Fosce_1	160	Max WS	IT_TR200_TP04H	96.67	89.51	91.89		92.05	0.003161	1.75	55.19	30.64	0.42
Fosce_1	160	Max WS	IT_TR200_TP06H	90.98	89.51	91.84		91.99	0.003050	1.69	53.73	30.64	0.41
Fosce_1	160	Max WS	IT_TR030_TP01H	46.03	89.51	91.40		91.46	0.002006	1.15	40.04	30.64	0.32
Fosce_1	160	Max WS	IT_TR030_TP06H	57.46	89.51	91.53		91.62	0.002278	1.30	44.17	30.64	0.35
Fosce_1	160	Max WS	IT_TR030_TP04H	61.55	89.51	91.57		91.66	0.002403	1.36	45.34	30.64	0.36
Fosce_1	160	Max WS	IT_TR030_TP03H	61.64	89.51	91.57		91.66	0.002417	1.36	45.30	30.64	0.36
Fosce_1	160	Max WS	IT_TR030_TP02H	57.83	89.51	91.53		91.62	0.002304	1.31	44.19	30.64	0.35
Fosce_1	160	Max WS	IT_TR030_TP0.5H	34.15	89.51	91.14		91.20	0.002221	1.06	32.26	30.63	0.33
Fosce_1	160	Max WS	IT_TR200_TP0.5H	56.18	89.51	91.52		91.60	0.002253	1.29	43.71	30.64	0.34
Fosce_1	150	Max WS	IT_TR200_TP02H	92.30	89.44	91.84		91.98	0.002879	1.67	55.42	31.02	0.40
Fosce_1	150	Max WS	IT_TR200_TP03H	97.30	89.44	91.88		92.03	0.002973	1.72	56.71	31.02	0.41
Fosce_1	150	Max WS	IT_TR200_TP01H	75.43	89.44	91.69		91.81	0.002536	1.48	50.82	31.02	0.37
Fosce_1	150	Max WS	IT_TR200_TP04H	96.93	89.44	91.88		92.03	0.002959	1.71	56.66	31.02	0.40
Fosce_1	150	Max WS	IT_TR200_TP06H	91.18	89.44	91.83		91.97	0.002846	1.65	55.20	31.02	0.40
Fosce_1	150	Max WS	IT_TR030_TP01H	46.56	89.44	91.39		91.45	0.001875	1.13	41.35	31.02	0.31
Fosce_1	150	Max WS	IT_TR030_TP06H	57.87	89.44	91.52		91.61	0.002121	1.27	45.55	31.02	0.33
Fosce_1	150	Max WS	IT_TR030_TP04H	61.93	89.44	91.56		91.65	0.002238	1.33	46.73	31.02	0.34
Fosce_1	150	Max WS	IT_TR030_TP03H	61.98	89.44	91.56		91.65	0.002247	1.33	46.69	31.02	0.35
Fosce_1	150	Max WS	IT_TR030_TP02H	58.20	89.44	91.52		91.61	0.002143	1.28	45.56	31.02	0.34
Fosce_1	150	Max WS	IT_TR030_TP0.5H	34.47	89.44	91.13		91.19	0.001913	1.03	33.57	29.67	0.31
Fosce_1	150	Max WS	IT_TR200_TP0.5H	56.57	89.44	91.51		91.59	0.002096	1.26	45.07	31.02	0.33
Fosce_1	130.00	Max WS	IT_TR200_TP02H	80.93	89.28	91.53		91.88	0.008956	2.64	30.88	21.55	0.69
Fosce_1	130.00	Max WS	IT_TR200_TP03H	84.77	89.28	91.57		91.94	0.009003	2.69	31.74	21.55	0.70
Fosce_1	130.00	Max WS	IT_TR200_TP01H	67.88	89.28	91.40		91.70	0.008190	2.42	28.21	21.07	0.66
Fosce_1	130.00	Max WS	IT_TR200_TP04H	84.54	89.28	91.57		91.93	0.008989	2.69	31.71	21.55	0.70
Fosce_1	130.00	Max WS	IT_TR200_TP06H	80.18	89.28	91.52		91.87	0.008909	2.63	30.75	21.54	0.69
Fosce_1	130.00	Max WS	IT_TR030_TP01H	46.60	89.28	91.13		91.34	0.006691	2.05	22.76	18.26	0.58
Fosce_1	130.00	Max WS	IT_TR030_TP06H	54.62	89.28	91.27		91.50	0.006685	2.15	25.51	19.67	0.59
Fosce_1	130.00	Max WS	IT_TR030_TP04H	57.53	89.28	91.30		91.55	0.006901	2.21	26.16	19.80	0.60
Fosce_1	130.00	Max WS	IT_TR030_TP03H	57.50	89.28	91.30		91.55	0.006894	2.21	26.16	19.80	0.60
Fosce_1	130.00	Max WS	IT_TR030_TP02H	54.77	89.28	91.27		91.51	0.006714	2.16	25.52	19.67	0.59
Fosce_1	130.00	Max WS	IT_TR030_TP0.5H	34.72	89.28	90.91		91.08	0.006215	1.83	18.98	16.87	0.55
Fosce_1	130.00	Max WS	IT_TR200_TP0.5H	53.64	89.28	91.25		91.49	0.006664	2.14	25.21	19.61	0.59
Fosce_1	128.46*	Max WS	IT_TR200_TP02H	80.39	89.25	91.52		91.87	0.008551	2.62	30.95	21.15	0.68
Fosce_1	128.46*	Max WS	IT_TR200_TP03H	84.17	89.25	91.56		91.92	0.008581	2.67	31.83	21.15	0.68
Fosce_1	128.46*	Max WS	IT_TR200_TP01H	67.59	89.25	91.39		91.69	0.007958	2.41	28.26	20.90	0.65
Fosce_1	128.46*	Max WS	IT_TR200_TP04H	83.94	89.25	91.56		91.92	0.008573	2.66	31.79	21.15	0.68
Fosce_1	128.46*	Max WS	IT_TR200_TP06H	79.66	89.25	91.51		91.86	0.008508	2.60	30.82	21.15	0.68
Fosce_1	128.46*	Max WS	IT_TR030_TP01H	46.60	89.25	91.11		91.33	0.006682	2.05	22.73	18.14	0.58
Fosce_1	128.46*	Max WS	IT_TR030_TP06H	54.56	89.25	91.26		91.49	0.006675	2.15	25.49	19.69	0.59
Fosce_1	128.46*	Max WS	IT_TR030_TP04H	57.41	89.25	91.29		91.54	0.007066	2.20	26.17	20.27	0.61
Fosce_1	128.46*	Max WS	IT_TR030_TP03H	57.38	89.25	91.29		91.54	0.007062	2.20	26.16	20.27	0.61
Fosce_1	128.46*	Max WS	IT_TR030_TP02H	54.71	89.25	91.26		91.49	0.006707	2.15	25.50	19.70	0.59
Fosce_1	128.46*	Max WS	IT_TR030_TP0.5H	34.72	89.25	90.90		91.07	0.006229	1.83	18.96	16.95	0.55
Fosce_1	128.46*	Max WS	IT_TR200_TP0.5H	53.60	89.25	91.24		91.47	0.006622	2.13	25.19	19.54	0.59
Fosce_1	126.92*	Max WS	IT_TR200_TP02H	79.88	89.22	91.51		91.85	0.008211	2.60	30.99	20.76	0.67
Fosce_1	126.92*	Max WS	IT_TR200_TP03H	83.57	89.22	91.55		91.91	0.008223	2.64	31.87	20.76	0.67
Fosce_1	126.92*	Max WS	IT_TR200_TP01H	67.30	89.22	91.38		91.67	0.007763	2.39	28.28	20.72	0.64
Fosce_1	126.92*	Max WS	IT_TR200_TP04H	83.35	89.22	91.55		91.91	0.008215	2.64	31.83	20.76	0.67
Fosce_1	126.92*	Max WS	IT_TR200_TP06H	79.15	89.22	91.50		91.84	0.008168	2.58	30.86	20.76	0.67
Fosce_1	126.92*	Max WS	IT_TR030_TP01H	46.60	89.22	91.10		91.31	0.006676	2.05	22.69	17.99	0.58
Fosce_1	126.92*	Max WS	IT_TR030_TP06H	54.50	89.22	91.24		91.48	0.006882	2.14	25.49	20.21	0.60
Fosce_1	126.92*	Max WS	IT_TR030_TP04H	57.30	89.22	91.28		91.52	0.007035	2.20	26.19	20.34	0.61
Fosce_1	126.92*	Max WS	IT_TR030_TP03H	57.27	89.22	91.28		91.52	0.007033	2.20	26.18	20.34	0.61
Fosce_1	126.92*	Max WS	IT_TR030_TP02H	54.65	89.22	91.24		91.48	0.006910	2.15	25.50	20.21	0.60
Fosce_1	126.92*	Max WS	IT_TR030_TP0.5H	34.72	89.22	90.88		91.06	0.006214	1.83	18.95	16.96	0.55
Fosce_1	126.92*	Max WS	IT_TR200_TP0.5H	53.56	89.22	91.23		91.46	0.006820	2.13	25.18	19.99	0.59
Fosce_1	125.38*	Max WS	IT_TR200_TP02H	79.45	89.19	91.50		91.84	0.007960	2.58	30.95	20.36	0.66

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
Fosce_1	125.38*	Max WS	IT_TR200_TP03H	83.08	89.19	91.54		91.90	0.007965	2.63	31.83	20.36	0.66
Fosce_1	125.38*	Max WS	IT_TR200_TP01H	67.07	89.19	91.37		91.66	0.007564	2.39	28.26	20.36	0.64
Fosce_1	125.38*	Max WS	IT_TR200_TP04H	82.86	89.19	91.54		91.89	0.007958	2.63	31.79	20.36	0.66
Fosce_1	125.38*	Max WS	IT_TR200_TP06H	78.74	89.19	91.49		91.83	0.007923	2.57	30.82	20.36	0.66
Fosce_1	125.38*	Max WS	IT_TR030_TP01H	46.60	89.19	91.08		91.30	0.006679	2.06	22.64	17.96	0.59
Fosce_1	125.38*	Max WS	IT_TR030_TP06H	54.45	89.19	91.23		91.47	0.006790	2.14	25.48	20.02	0.60
Fosce_1	125.38*	Max WS	IT_TR030_TP04H	57.20	89.19	91.27		91.51	0.006929	2.19	26.18	20.15	0.60
Fosce_1	125.38*	Max WS	IT_TR030_TP03H	57.18	89.19	91.27		91.51	0.006926	2.19	26.17	20.15	0.60
Fosce_1	125.38*	Max WS	IT_TR030_TP02H	54.60	89.19	91.23		91.47	0.006818	2.15	25.49	20.02	0.60
Fosce_1	125.38*	Max WS	IT_TR030_TP0.5H	34.72	89.19	90.87		91.04	0.006195	1.83	18.94	16.94	0.55
Fosce_1	125.38*	Max WS	IT_TR200_TP0.5H	53.53	89.19	91.22		91.45	0.006806	2.13	25.16	19.96	0.59
Fosce_1	123.85*	Max WS	IT_TR200_TP02H	78.95	89.16	91.49		91.83	0.007724	2.57	30.90	19.97	0.65
Fosce_1	123.85*	Max WS	IT_TR200_TP03H	82.52	89.16	91.54		91.88	0.007726	2.61	31.77	19.97	0.65
Fosce_1	123.85*	Max WS	IT_TR200_TP01H	66.81	89.16	91.36		91.65	0.007378	2.38	28.21	19.97	0.63
Fosce_1	123.85*	Max WS	IT_TR200_TP04H	82.31	89.16	91.53		91.88	0.007718	2.61	31.73	19.97	0.65
Fosce_1	123.85*	Max WS	IT_TR200_TP06H	78.26	89.16	91.48		91.82	0.007695	2.56	30.76	19.97	0.65
Fosce_1	123.85*	Max WS	IT_TR030_TP01H	46.60	89.16	91.07		91.29	0.006833	2.07	22.56	18.17	0.59
Fosce_1	123.85*	Max WS	IT_TR030_TP06H	54.43	89.16	91.22		91.45	0.006761	2.15	25.41	19.82	0.60
Fosce_1	123.85*	Max WS	IT_TR030_TP04H	57.16	89.16	91.25		91.50	0.006888	2.20	26.11	19.95	0.60
Fosce_1	123.85*	Max WS	IT_TR030_TP03H	57.13	89.16	91.25		91.50	0.006886	2.20	26.10	19.94	0.60
Fosce_1	123.85*	Max WS	IT_TR030_TP02H	54.58	89.16	91.22		91.45	0.006793	2.15	25.42	19.82	0.60
Fosce_1	123.85*	Max WS	IT_TR030_TP0.5H	34.72	89.16	90.86		91.03	0.006176	1.84	18.91	16.88	0.55
Fosce_1	123.85*	Max WS	IT_TR200_TP0.5H	53.53	89.16	91.20		91.43	0.006778	2.14	25.10	19.76	0.60
Fosce_1	122.31*	Max WS	IT_TR200_TP02H	78.55	89.13	91.48		91.82	0.007573	2.57	30.77	19.57	0.65
Fosce_1	122.31*	Max WS	IT_TR200_TP03H	82.08	89.13	91.52		91.87	0.007575	2.61	31.64	19.57	0.65
Fosce_1	122.31*	Max WS	IT_TR200_TP01H	66.60	89.13	91.34		91.63	0.007257	2.38	28.10	19.57	0.63
Fosce_1	122.31*	Max WS	IT_TR200_TP04H	81.87	89.13	91.52		91.87	0.007568	2.61	31.59	19.57	0.65
Fosce_1	122.31*	Max WS	IT_TR200_TP06H	77.87	89.13	91.47		91.81	0.007549	2.56	30.63	19.57	0.64
Fosce_1	122.31*	Max WS	IT_TR030_TP01H	46.60	89.13	91.05		91.27	0.006948	2.07	22.49	18.30	0.60
Fosce_1	122.31*	Max WS	IT_TR030_TP06H	54.44	89.13	91.20		91.44	0.006766	2.16	25.29	19.57	0.60
Fosce_1	122.31*	Max WS	IT_TR030_TP04H	57.14	89.13	91.24		91.48	0.006844	2.20	25.98	19.57	0.60
Fosce_1	122.31*	Max WS	IT_TR030_TP03H	57.12	89.13	91.24		91.48	0.006843	2.20	25.98	19.57	0.60
Fosce_1	122.31*	Max WS	IT_TR030_TP02H	54.60	89.13	91.20		91.44	0.006800	2.16	25.30	19.57	0.60
Fosce_1	122.31*	Max WS	IT_TR030_TP0.5H	34.71	89.13	90.85		91.02	0.006164	1.84	18.87	16.79	0.55
Fosce_1	122.31*	Max WS	IT_TR200_TP0.5H	53.55	89.13	91.18		91.42	0.006797	2.15	24.98	19.55	0.60
Fosce_1	120.77*	Max WS	IT_TR200_TP02H	78.16	89.10	91.47		91.80	0.007475	2.57	30.59	19.17	0.64
Fosce_1	120.77*	Max WS	IT_TR200_TP03H	81.65	89.10	91.51		91.86	0.007473	2.61	31.45	19.17	0.64
Fosce_1	120.77*	Max WS	IT_TR200_TP01H	66.40	89.10	91.33		91.62	0.007201	2.39	27.92	19.17	0.62
Fosce_1	120.77*	Max WS	IT_TR200_TP04H	81.44	89.10	91.51		91.86	0.007465	2.61	31.41	19.17	0.64
Fosce_1	120.77*	Max WS	IT_TR200_TP06H	77.50	89.10	91.46		91.79	0.007457	2.56	30.45	19.17	0.64
Fosce_1	120.77*	Max WS	IT_TR030_TP01H	46.60	89.10	91.04		91.26	0.006960	2.08	22.38	18.13	0.60
Fosce_1	120.77*	Max WS	IT_TR030_TP06H	54.48	89.10	91.18		91.42	0.006782	2.17	25.11	19.17	0.60
Fosce_1	120.77*	Max WS	IT_TR030_TP04H	57.14	89.10	91.22		91.47	0.006851	2.22	25.80	19.17	0.60
Fosce_1	120.77*	Max WS	IT_TR030_TP03H	57.11	89.10	91.22		91.47	0.006850	2.22	25.79	19.17	0.60
Fosce_1	120.77*	Max WS	IT_TR030_TP02H	54.62	89.10	91.18		91.42	0.006807	2.18	25.12	19.17	0.60
Fosce_1	120.77*	Max WS	IT_TR030_TP0.5H	34.71	89.10	90.83		91.01	0.006157	1.85	18.81	16.68	0.55
Fosce_1	120.77*	Max WS	IT_TR200_TP0.5H	53.57	89.10	91.17		91.41	0.006816	2.16	24.81	19.17	0.60
Fosce_1	119.23*	Max WS	IT_TR200_TP02H	77.94	89.07	91.45		91.79	0.007545	2.59	30.24	18.78	0.64
Fosce_1	119.23*	Max WS	IT_TR200_TP03H	81.41	89.07	91.49		91.85	0.007546	2.63	31.08	18.78	0.65
Fosce_1	119.23*	Max WS	IT_TR200_TP01H	66.30	89.07	91.31		91.61	0.007263	2.41	27.64	18.78	0.63
Fosce_1	119.23*	Max WS	IT_TR200_TP04H	81.20	89.07	91.49		91.84	0.007543	2.63	31.03	18.78	0.65
Fosce_1	119.23*	Max WS	IT_TR200_TP06H	77.29	89.07	91.44		91.78	0.007528	2.58	30.10	18.78	0.64
Fosce_1	119.23*	Max WS	IT_TR030_TP01H	46.59	89.07	91.02		91.24	0.007005	2.10	22.24	17.94	0.60
Fosce_1	119.23*	Max WS	IT_TR030_TP06H	54.53	89.07	91.16		91.41	0.006864	2.19	24.87	18.78	0.60
Fosce_1	119.23*	Max WS	IT_TR030_TP04H	57.16	89.07	91.20		91.45	0.006932	2.24	25.54	18.78	0.61
Fosce_1	119.23*	Max WS	IT_TR030_TP03H	57.14	89.07	91.20		91.45	0.006932	2.24	25.53	18.78	0.61
Fosce_1	119.23*	Max WS	IT_TR030_TP02H	54.67	89.07	91.16		91.41	0.006889	2.20	24.88	18.78	0.60
Fosce_1	119.23*	Max WS	IT_TR030_TP0.5H	34.71	89.07	90.82		90.99	0.006201	1.85	18.74	16.61	0.56
Fosce_1	119.23*	Max WS	IT_TR200_TP0.5H	53.58	89.07	91.15		91.39	0.006880	2.18	24.58	18.78	0.60
Fosce_1	117.69*	Max WS	IT_TR200_TP02H	77.64	89.03	91.43		91.78	0.007620	2.61	29.88	18.38	0.65
Fosce_1	117.69*	Max WS	IT_TR200_TP03H	81.07	89.03	91.48		91.83	0.007621	2.65	30.70	18.38	0.65
Fosce_1	117.69*	Max WS	IT_TR200_TP01H	66.16	89.03	91.29		91.59	0.007367	2.43	27.30	18.38	0.63
Fosce_1	117.69*	Max WS	IT_TR200_TP04H	80.87	89.03	91.47		91.83	0.007619	2.65	30.66	18.38	0.65
Fosce_1	117.69*	Max WS	IT_TR200_TP06H	77.01	89.03	91.42		91.77	0.007613	2.60	29.73	18.38	0.65
Fosce_1	117.69*	Max WS	IT_TR030_TP01H	46.57	89.03	91.00		91.23	0.007064	2.11	22.06	17.69	0.60
Fosce_1	117.69*	Max WS	IT_TR030_TP06H	54.59	89.03	91.14		91.39	0.007018	2.22	24.56	18.38	0.61
Fosce_1	117.69*	Max WS	IT_TR030_TP04H	57.19	89.03	91.18		91.44	0.007084	2.27	25.22	18.38	0.61
Fosce_1	117.69*	Max WS	IT_TR030_TP03H	57.17	89.03	91.18		91.44	0.007084	2.27	25.21	18.38	0.61
Fosce_1	117.69*	Max WS	IT_TR030_TP02H	54.72	89.03	91.14		91.40	0.007042	2.23	24.57	18.38	0.61
Fosce_1	117.69*	Max WS	IT_TR030_TP0.5H	34.71	89.03	90.80		90.98	0.006273	1.86	18.65	16.56	0.56
Fosce_1	117.69*	Max WS	IT_TR200_TP0.5H	53.64	89.03	91.13		91.38	0.007026	2.21	24.28	18.38	0.61
Fosce_1	116.15*	Max WS	IT_TR200_TP02H	77.35	89.00	91.41		91.76	0.007764	2.63	29.44	17.99	0.65
Fosce_1	116.15*	Max WS	IT_TR200_TP03H	80.74	89.00	91.46		91.82	0.007760	2.68	30.26	17.99	0.65
Fosce_1	116.15*	Max WS	IT_TR200_TP01H	66.04	89.00	91.27		91.58	0.007547	2.46	26.89	17.99	0.64
Fosce_1	116.15*	Max WS	IT_TR200_TP04H	80.54	89.00	91.45		91.82	0.007753	2.67	30.22	17.99	0.65
Fosce_1	116.15*	Max WS	IT_TR200_TP06H	76.73	89.00	91.40		91.75	0.007759	2.63	29.30	17.99	0.65
Fosce_1	116.15*	Max WS	IT_TR030_TP01H	46.56	89.00	90.98		91.22	0.007134	2.13	21.82	17.30	0.61
Fosce_1	116.15*	Max WS	IT_TR030_TP06H	54.65	89.00	91.12		91.38	0.007251	2.26	24.18	17.99	0.62
Fosce_1	116.15*	Max WS	IT_TR030_TP04H	57.22	89.00	91.15		91.42	0.007308	2.31	24.83	17.99	0.62
Fosce_1	116.15*	Max WS	IT_TR030_TP03H	57.20	89.00	91.15		91.42	0.007314	2.31	24.82	17.99	0.62
Fosce_1	116.15*	Max WS	IT_TR030_TP02H	54.77	89.00	91.12		91.38	0.007273	2.26	24.19	17.99	0.62
Fosce_1	116.15*	Max WS	IT_TR030_TP0.5H	34.71	89.00	90.79		90.97	0.006334	1.87	18.53	16.43	0.56
Fosce_1	116.15*	Max WS	IT_TR200_TP0.5H	53.68	89.00	91.10		91.36	0.007237	2.24	23.92	17.92	0.62
Fosce_1	114.62*	Max WS	IT_TR200_TP02H	77.15	88.97	91.38		91.75	0.008067	2.68	28.87	17.59	0.66
Fosce_1	114.62*	Max WS	IT_TR200_TP03H	80.51	88.97	91.43		91.81	0.008059	2.72	29.66	17.59	0.67
Fosce_1	114.62*	Max WS	IT_TR200_TP01H	65.97	88.97	91.24		91.56	0.007869	2.50	26.37	17.59	0.65
Fosce_1	114.62*												

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
Fosce_1	114.62*	Max WS	IT_TR200_TP06H	76.55	88.97	91.37		91.74	0.008074	2.67	28.72	17.59	0.66
Fosce_1	114.62*	Max WS	IT_TR030_TP01H	46.53	88.97	90.96		91.20	0.007245	2.16	21.53	16.89	0.61
Fosce_1	114.62*	Max WS	IT_TR030_TP06H	54.72	88.97	91.09		91.36	0.007581	2.31	23.72	17.47	0.63
Fosce_1	114.62*	Max WS	IT_TR030_TP04H	57.29	88.97	91.12		91.41	0.007675	2.36	24.33	17.59	0.64
Fosce_1	114.62*	Max WS	IT_TR030_TP03H	57.27	88.97	91.12		91.41	0.007687	2.36	24.31	17.59	0.64
Fosce_1	114.62*	Max WS	IT_TR030_TP02H	54.85	88.97	91.09		91.36	0.007616	2.31	23.72	17.47	0.63
Fosce_1	114.62*	Max WS	IT_TR030_TP0.5H	34.71	88.97	90.77		90.95	0.006383	1.89	18.39	16.19	0.57
Fosce_1	114.62*	Max WS	IT_TR200_TP0.5H	53.75	88.97	91.08		91.34	0.007539	2.29	23.47	17.27	0.63
Fosce_1	113.08*	Max WS	IT_TR200_TP02H	77.09	88.94	91.35		91.73	0.008613	2.75	28.10	17.19	0.68
Fosce_1	113.08*	Max WS	IT_TR200_TP03H	80.43	88.94	91.39		91.79	0.008605	2.79	28.87	17.19	0.69
Fosce_1	113.08*	Max WS	IT_TR200_TP01H	65.98	88.94	91.21		91.54	0.008385	2.57	25.71	17.19	0.67
Fosce_1	113.08*	Max WS	IT_TR200_TP04H	80.24	88.94	91.39		91.78	0.008600	2.79	28.83	17.19	0.68
Fosce_1	113.08*	Max WS	IT_TR200_TP06H	76.49	88.94	91.34		91.72	0.008623	2.74	27.95	17.19	0.68
Fosce_1	113.08*	Max WS	IT_TR030_TP01H	46.48	88.94	90.94		91.19	0.007388	2.19	21.20	16.44	0.62
Fosce_1	113.08*	Max WS	IT_TR030_TP06H	54.85	88.94	91.06		91.34	0.008049	2.37	23.13	16.90	0.65
Fosce_1	113.08*	Max WS	IT_TR030_TP04H	57.40	88.94	91.09		91.39	0.008226	2.42	23.70	17.19	0.66
Fosce_1	113.08*	Max WS	IT_TR030_TP03H	57.38	88.94	91.09		91.39	0.008239	2.42	23.69	17.19	0.66
Fosce_1	113.08*	Max WS	IT_TR030_TP02H	54.96	88.94	91.06		91.34	0.008073	2.38	23.14	16.90	0.65
Fosce_1	113.08*	Max WS	IT_TR030_TP0.5H	34.72	88.94	90.76		90.94	0.006459	1.91	18.21	15.90	0.57
Fosce_1	113.08*	Max WS	IT_TR200_TP0.5H	53.86	88.94	91.04		91.33	0.007970	2.35	22.91	16.85	0.64
Fosce_1	111.54*	Max WS	IT_TR200_TP02H	77.12	88.91	91.30		91.71	0.009507	2.85	27.10	16.80	0.71
Fosce_1	111.54*	Max WS	IT_TR200_TP03H	80.49	88.91	91.34		91.77	0.009530	2.90	27.81	16.80	0.72
Fosce_1	111.54*	Max WS	IT_TR200_TP01H	66.02	88.91	91.16		91.52	0.009157	2.65	24.88	16.80	0.69
Fosce_1	111.54*	Max WS	IT_TR200_TP04H	80.29	88.91	91.34		91.76	0.009524	2.89	27.78	16.80	0.72
Fosce_1	111.54*	Max WS	IT_TR200_TP06H	76.54	88.91	91.29		91.70	0.009517	2.84	26.96	16.80	0.71
Fosce_1	111.54*	Max WS	IT_TR030_TP01H	46.43	88.91	90.92		91.17	0.007613	2.23	20.81	15.99	0.62
Fosce_1	111.54*	Max WS	IT_TR030_TP06H	54.91	88.91	91.02		91.32	0.008609	2.44	22.46	16.43	0.67
Fosce_1	111.54*	Max WS	IT_TR030_TP04H	57.49	88.91	91.05		91.37	0.008869	2.50	22.98	16.58	0.68
Fosce_1	111.54*	Max WS	IT_TR030_TP03H	57.48	88.91	91.05		91.37	0.008887	2.50	22.96	16.57	0.68
Fosce_1	111.54*	Max WS	IT_TR030_TP02H	55.05	88.91	91.02		91.33	0.008635	2.45	22.48	16.43	0.67
Fosce_1	111.54*	Max WS	IT_TR030_TP0.5H	34.74	88.91	90.74		90.93	0.006566	1.93	17.99	15.56	0.57
Fosce_1	111.54*	Max WS	IT_TR200_TP0.5H	53.86	88.91	91.01		91.31	0.008461	2.42	22.29	16.38	0.66
Fosce_1	110	Max WS	IT_TR200_TP02H	77.25	88.88	91.22		91.68	0.011255	3.01	25.69	16.40	0.77
Fosce_1	110	Max WS	IT_TR200_TP03H	80.71	88.88	91.25		91.74	0.011568	3.08	26.20	16.40	0.78
Fosce_1	110	Max WS	IT_TR200_TP01H	66.03	88.88	91.11		91.50	0.010336	2.77	23.87	16.40	0.73
Fosce_1	110	Max WS	IT_TR200_TP04H	80.53	88.88	91.25		91.73	0.011551	3.08	26.17	16.40	0.78
Fosce_1	110	Max WS	IT_TR200_TP06H	76.67	88.88	91.21		91.67	0.011237	3.00	25.58	16.40	0.77
Fosce_1	110	Max WS	IT_TR030_TP01H	46.39	88.88	90.89		91.15	0.007973	2.28	20.32	15.54	0.64
Fosce_1	110	Max WS	IT_TR030_TP06H	54.97	88.88	90.98		91.31	0.009216	2.52	21.78	15.88	0.69
Fosce_1	110	Max WS	IT_TR030_TP04H	57.49	88.88	91.01		91.35	0.009617	2.59	22.17	16.03	0.70
Fosce_1	110	Max WS	IT_TR030_TP03H	57.47	88.88	91.00		91.35	0.009641	2.59	22.15	16.02	0.70
Fosce_1	110	Max WS	IT_TR030_TP02H	55.05	88.88	90.98		91.31	0.009212	2.52	21.81	15.89	0.69
Fosce_1	110	Max WS	IT_TR030_TP0.5H	34.74	88.88	90.72		90.92	0.006640	1.95	17.77	15.11	0.58
Fosce_1	110	Max WS	IT_TR200_TP0.5H	53.71	88.88	90.97		91.29	0.008943	2.48	21.64	15.83	0.68
Fosce_2	105	Max WS	IT_TR200_TP02H	77.51	88.90	90.96		91.42	0.013743	3.01	25.95	20.25	0.84
Fosce_2	105	Max WS	IT_TR200_TP03H	81.16	88.90	91.00		91.48	0.013852	3.07	26.64	20.25	0.84
Fosce_2	105	Max WS	IT_TR200_TP01H	66.55	88.90	90.85		91.26	0.013656	2.83	23.63	20.25	0.83
Fosce_2	105	Max WS	IT_TR200_TP04H	81.11	88.90	91.00		91.47	0.013898	3.07	26.60	20.25	0.85
Fosce_2	105	Max WS	IT_TR200_TP06H	77.38	88.90	90.97		91.42	0.013613	2.99	26.00	20.25	0.83
Fosce_2	105	Max WS	IT_TR030_TP01H	46.47	88.90	90.57		90.91	0.015155	2.57	18.08	19.31	0.84
Fosce_2	105	Max WS	IT_TR030_TP06H	55.40	88.90	90.72		91.08	0.013604	2.63	21.10	20.25	0.81
Fosce_2	105	Max WS	IT_TR030_TP04H	57.60	88.90	90.75		91.12	0.013460	2.67	21.69	20.25	0.81
Fosce_2	105	Max WS	IT_TR030_TP03H	57.50	88.90	90.75		91.11	0.013451	2.66	21.67	20.25	0.81
Fosce_2	105	Max WS	IT_TR030_TP02H	55.10	88.90	90.72		91.07	0.013737	2.64	20.96	20.25	0.82
Fosce_2	105	Max WS	IT_TR030_TP0.5H	34.58	88.90	90.39		90.67	0.016156	2.37	14.60	18.51	0.85
Fosce_2	105	Max WS	IT_TR200_TP0.5H	54.53	88.90	90.70		91.06	0.014094	2.65	20.66	20.25	0.83
Fosce_2	104.99			Lat Struct									
Fosce_2	104.98			Lat Struct									
Fosce_2	103.33*	Max WS	IT_TR200_TP02H	76.50	88.88	90.99		91.35	0.010315	2.67	28.77	21.58	0.73
Fosce_2	103.33*	Max WS	IT_TR200_TP03H	79.93	88.88	91.03		91.41	0.010184	2.70	29.69	21.58	0.73
Fosce_2	103.33*	Max WS	IT_TR200_TP01H	66.11	88.88	90.85		91.19	0.011135	2.58	25.66	21.58	0.75
Fosce_2	103.33*	Max WS	IT_TR200_TP04H	79.83	88.88	91.03		91.40	0.010209	2.70	29.64	21.58	0.73
Fosce_2	103.33*	Max WS	IT_TR200_TP06H	76.10	88.88	90.99		91.35	0.010314	2.66	28.68	21.58	0.73
Fosce_2	103.33*	Max WS	IT_TR030_TP01H	44.76	88.88	90.52		90.81	0.013199	2.39	18.73	20.07	0.79
Fosce_2	103.33*	Max WS	IT_TR030_TP06H	55.47	88.88	90.68		91.00	0.012649	2.51	22.12	21.58	0.78
Fosce_2	103.33*	Max WS	IT_TR030_TP04H	57.62	88.88	90.73		91.05	0.011982	2.51	23.03	21.58	0.77
Fosce_2	103.33*	Max WS	IT_TR030_TP03H	57.51	88.88	90.72		91.04	0.011966	2.50	23.01	21.58	0.77
Fosce_2	103.33*	Max WS	IT_TR030_TP02H	55.39	88.88	90.68		91.00	0.012812	2.52	22.00	21.54	0.79
Fosce_2	103.33*	Max WS	IT_TR030_TP0.5H	34.35	88.88	90.33		90.60	0.015060	2.29	14.98	19.03	0.83
Fosce_2	103.33*	Max WS	IT_TR200_TP0.5H	54.58	88.88	90.65		90.98	0.013217	2.54	21.49	21.16	0.80
Fosce_2	101.67*	Max WS	IT_TR200_TP02H	76.24	88.87	90.96		91.28	0.009386	2.52	30.25	22.91	0.70
Fosce_2	101.67*	Max WS	IT_TR200_TP03H	80.42	88.87	91.00		91.34	0.009489	2.59	31.16	22.91	0.71
Fosce_2	101.67*	Max WS	IT_TR200_TP01H	64.43	88.87	90.82		91.11	0.009749	2.39	26.95	22.91	0.70
Fosce_2	101.67*	Max WS	IT_TR200_TP04H	80.66	88.87	91.00		91.34	0.009616	2.60	31.09	22.91	0.71
Fosce_2	101.67*	Max WS	IT_TR200_TP06H	76.92	88.87	90.95		91.29	0.009713	2.56	30.10	22.91	0.71
Fosce_2	101.67*	Max WS	IT_TR030_TP01H	40.80	88.87	90.49		90.71	0.009423	2.06	19.77	20.53	0.67
Fosce_2	101.67*	Max WS	IT_TR030_TP06H	55.27	88.87	90.65		90.94	0.011366	2.39	23.15	22.11	0.75
Fosce_2	101.67*	Max WS	IT_TR030_TP04H	57.58	88.87	90.69		90.98	0.011042	2.38	24.17	22.82	0.74
Fosce_2	101.67*	Max WS	IT_TR030_TP03H	57.36	88.87	90.69		90.98	0.010961	2.37	24.17	22.82	0.73
Fosce_2	101.67*	Max WS	IT_TR030_TP02H	55.17	88.87	90.64		90.94	0.011463	2.40	23.03	22.04	0.75
Fosce_2	101.67*	Max WS	IT_TR030_TP0.5H	27.72	88.87	90.28		90.44	0.008788	1.77	15.66	19.62	0.63
Fosce_2	101.67*	Max WS	IT_TR200_TP0.5H	44.64	88.87	90.63		90.83	0.007725	1.96	22.76	21.88	0.61
Fosce_2	100	Max WS	IT_TR200_TP02H	73.92	88.85	90.98		91.24	0.007432	2.26	32.78	24.24	0.62
Fosce_2	100	Max WS	IT_TR200_TP03H	78.37	88.85	91.02		91.29	0.007565	2.32	33.82	24.24	0.63
Fosce_2	100	Max WS	IT_TR200_TP01H	60.34	88.85	90.82		91.04	0.007314	2.08	29.02	24.24	0.61

HEC-RAS Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m ³ /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 (m ²)	Top Width (m)	Froude # Chl
Fosce_2	100	Max WS	IT_TR200_TP04H	78.79	88.85	91.02		91.29	0.007722	2.34	33.71	24.24	0.63
Fosce_2	100	Max WS	IT_TR200_TP06H	75.45	88.85	90.97		91.24	0.007952	2.32	32.51	24.24	0.64
Fosce_2	100	Max WS	IT_TR030_TP01H	38.73	88.85	90.48		90.65	0.007062	1.83	21.14	21.11	0.58
Fosce_2	100	Max WS	IT_TR030_TP06H	54.81	88.85	90.63		90.89	0.009152	2.23	24.55	21.98	0.67
Fosce_2	100	Max WS	IT_TR030_TP04H	56.70	88.85	90.69		90.93	0.009244	2.20	25.74	23.71	0.68
Fosce_2	100	Max WS	IT_TR030_TP03H	56.46	88.85	90.69		90.93	0.009154	2.19	25.76	23.72	0.67
Fosce_2	100	Max WS	IT_TR030_TP02H	54.62	88.85	90.63		90.88	0.009229	2.24	24.41	21.92	0.68
Fosce_2	100	Max WS	IT_TR030_TP0.5H	27.27	88.85	90.26		90.40	0.007212	1.63	16.74	20.46	0.58
Fosce_2	100	Max WS	IT_TR200_TP0.5H	43.37	88.85	90.63		90.79	0.005806	1.78	24.43	21.93	0.54
Fosce_2	99.882"	Max WS	IT_TR200_TP02H	73.03	88.82	90.98		91.22	0.006750	2.18	33.53	24.70	0.60
Fosce_2	99.882"	Max WS	IT_TR200_TP03H	77.84	88.82	91.02		91.28	0.006945	2.25	34.57	24.70	0.61
Fosce_2	99.882"	Max WS	IT_TR200_TP01H	58.61	88.82	90.82		91.02	0.006454	1.97	29.70	24.70	0.57
Fosce_2	99.882"	Max WS	IT_TR200_TP04H	78.35	88.82	91.01		91.28	0.007116	2.28	34.45	24.70	0.61
Fosce_2	99.882"	Max WS	IT_TR200_TP06H	75.15	88.82	90.96		91.22	0.007393	2.27	33.19	24.70	0.62
Fosce_2	99.882"	Max WS	IT_TR030_TP01H	38.21	88.82	90.47		90.63	0.006500	1.77	21.62	21.48	0.56
Fosce_2	99.882"	Max WS	IT_TR030_TP06H	54.63	88.82	90.63		90.87	0.008614	2.18	25.07	22.34	0.66
Fosce_2	99.882"	Max WS	IT_TR030_TP04H	56.40	88.82	90.68		90.92	0.008138	2.14	26.32	23.01	0.64
Fosce_2	99.882"	Max WS	IT_TR030_TP03H	56.16	88.82	90.68		90.91	0.008060	2.13	26.34	23.03	0.64
Fosce_2	99.882"	Max WS	IT_TR030_TP02H	54.41	88.82	90.62		90.86	0.008689	2.18	24.93	22.30	0.66
Fosce_2	99.882"	Max WS	IT_TR030_TP0.5H	27.25	88.82	90.25		90.38	0.006847	1.60	17.08	20.80	0.56
Fosce_2	99.882"	Max WS	IT_TR200_TP0.5H	42.93	88.82	90.63		90.78	0.005323	1.71	25.07	22.34	0.52
Fosce_2	99.765"	Max WS	IT_TR200_TP02H	71.90	88.79	90.96		91.19	0.006314	2.11	34.06	25.15	0.58
Fosce_2	99.765"	Max WS	IT_TR200_TP03H	77.56	88.79	91.01		91.26	0.006672	2.21	35.08	25.15	0.60
Fosce_2	99.765"	Max WS	IT_TR200_TP01H	56.42	88.79	90.81		90.99	0.005714	1.87	30.25	25.15	0.54
Fosce_2	99.765"	Max WS	IT_TR200_TP04H	78.36	88.79	91.00		91.26	0.006918	2.25	34.91	25.15	0.61
Fosce_2	99.765"	Max WS	IT_TR200_TP06H	75.57	88.79	90.94		91.20	0.007333	2.26	33.53	25.15	0.62
Fosce_2	99.765"	Max WS	IT_TR030_TP01H	38.12	88.79	90.46		90.61	0.006094	1.72	22.13	21.86	0.55
Fosce_2	99.765"	Max WS	IT_TR030_TP06H	54.97	88.79	90.60		90.84	0.008735	2.19	25.12	22.55	0.66
Fosce_2	99.765"	Max WS	IT_TR030_TP04H	56.66	88.79	90.65		90.89	0.008027	2.15	26.41	22.88	0.64
Fosce_2	99.765"	Max WS	IT_TR030_TP03H	55.95	88.79	90.66		90.88	0.007751	2.11	26.51	22.94	0.63
Fosce_2	99.765"	Max WS	IT_TR030_TP02H	50.34	88.79	90.61		90.81	0.007123	1.99	25.36	22.61	0.60
Fosce_2	99.765"	Max WS	IT_TR030_TP0.5H	27.26	88.79	90.24		90.37	0.006292	1.56	17.46	20.65	0.54
Fosce_2	99.765"	Max WS	IT_TR200_TP0.5H	42.58	88.79	90.63		90.76	0.004862	1.65	25.77	22.71	0.50
Fosce_2	99.647"	Max WS	IT_TR200_TP02H	70.48	88.76	90.96		91.17	0.005786	2.03	34.71	25.61	0.55
Fosce_2	99.647"	Max WS	IT_TR200_TP03H	77.18	88.76	91.00		91.24	0.006329	2.16	35.71	25.61	0.58
Fosce_2	99.647"	Max WS	IT_TR200_TP01H	55.31	88.76	90.81		90.97	0.005091	1.79	30.91	24.94	0.51
Fosce_2	99.647"	Max WS	IT_TR200_TP04H	78.32	88.76	90.99		91.24	0.006638	2.21	35.51	25.61	0.60
Fosce_2	99.647"	Max WS	IT_TR200_TP06H	75.59	88.76	90.93		91.18	0.007098	2.22	34.02	25.61	0.61
Fosce_2	99.647"	Max WS	IT_TR030_TP01H	38.05	88.76	90.46		90.60	0.005708	1.68	22.68	22.23	0.53
Fosce_2	99.647"	Max WS	IT_TR030_TP06H	55.16	88.76	90.58		90.82	0.008566	2.17	25.40	22.82	0.66
Fosce_2	99.647"	Max WS	IT_TR030_TP04H	56.75	88.76	90.64		90.87	0.007776	2.12	26.76	23.11	0.63
Fosce_2	99.647"	Max WS	IT_TR030_TP03H	55.74	88.76	90.64		90.86	0.007367	2.07	26.93	23.15	0.61
Fosce_2	99.647"	Max WS	IT_TR030_TP02H	49.68	88.76	90.60		90.79	0.006528	1.91	25.95	22.93	0.57
Fosce_2	99.647"	Max WS	IT_TR030_TP0.5H	27.25	88.76	90.24		90.35	0.005674	1.52	17.94	20.43	0.52
Fosce_2	99.647"	Max WS	IT_TR200_TP0.5H	42.30	88.76	90.62		90.75	0.004454	1.60	26.49	23.05	0.48
Fosce_2	99.529"	Max WS	IT_TR200_TP02H	69.46	88.73	90.96		91.15	0.005269	1.96	35.56	26.07	0.53
Fosce_2	99.529"	Max WS	IT_TR200_TP03H	76.33	88.73	91.00		91.22	0.005818	2.09	36.56	26.07	0.56
Fosce_2	99.529"	Max WS	IT_TR200_TP01H	54.53	88.73	90.81		90.96	0.004534	1.72	31.71	24.91	0.49
Fosce_2	99.529"	Max WS	IT_TR200_TP04H	77.55	88.73	90.99		91.22	0.006134	2.14	36.32	26.07	0.57
Fosce_2	99.529"	Max WS	IT_TR200_TP06H	75.17	88.73	90.93		91.17	0.006656	2.17	34.73	26.07	0.59
Fosce_2	99.529"	Max WS	IT_TR030_TP01H	37.75	88.73	90.45		90.58	0.005289	1.62	23.23	22.62	0.51
Fosce_2	99.529"	Max WS	IT_TR030_TP06H	54.99	88.73	90.57		90.80	0.008064	2.12	25.94	23.14	0.64
Fosce_2	99.529"	Max WS	IT_TR030_TP04H	56.53	88.73	90.63		90.85	0.007264	2.07	27.36	23.40	0.61
Fosce_2	99.529"	Max WS	IT_TR030_TP03H	55.39	88.73	90.64		90.84	0.006834	2.01	27.56	23.45	0.59
Fosce_2	99.529"	Max WS	IT_TR030_TP02H	49.56	88.73	90.60		90.77	0.006088	1.86	26.58	23.25	0.56
Fosce_2	99.529"	Max WS	IT_TR030_TP0.5H	27.25	88.73	90.23		90.34	0.005065	1.47	18.48	20.21	0.49
Fosce_2	99.529"	Max WS	IT_TR200_TP0.5H	41.61	88.73	90.62		90.74	0.004010	1.53	27.19	23.37	0.45
Fosce_2	99.412"	Max WS	IT_TR200_TP02H	68.59	88.71	90.96		91.14	0.004851	1.89	36.35	26.52	0.51
Fosce_2	99.412"	Max WS	IT_TR200_TP03H	75.58	88.71	91.00		91.21	0.005409	2.03	37.32	26.52	0.54
Fosce_2	99.412"	Max WS	IT_TR200_TP01H	53.47	88.71	90.81		90.95	0.004009	1.65	32.50	24.91	0.46
Fosce_2	99.412"	Max WS	IT_TR200_TP04H	77.09	88.71	90.98		91.21	0.005774	2.08	37.03	26.52	0.56
Fosce_2	99.412"	Max WS	IT_TR200_TP06H	75.08	88.71	90.92		91.15	0.006390	2.13	35.29	26.52	0.58
Fosce_2	99.412"	Max WS	IT_TR030_TP01H	37.63	88.71	90.44		90.57	0.004941	1.58	23.81	23.00	0.50
Fosce_2	99.412"	Max WS	IT_TR030_TP06H	55.03	88.71	90.56		90.78	0.007732	2.08	26.39	23.43	0.63
Fosce_2	99.412"	Max WS	IT_TR030_TP04H	56.09	88.71	90.62		90.83	0.006816	2.01	27.87	23.67	0.59
Fosce_2	99.412"	Max WS	IT_TR030_TP03H	55.08	88.71	90.63		90.82	0.006409	1.96	28.11	23.72	0.57
Fosce_2	99.412"	Max WS	IT_TR030_TP02H	46.85	88.71	90.59		90.74	0.005080	1.72	27.27	23.57	0.51
Fosce_2	99.412"	Max WS	IT_TR030_TP0.5H	27.25	88.71	90.23		90.33	0.004572	1.43	19.10	20.31	0.47
Fosce_2	99.412"	Max WS	IT_TR200_TP0.5H	41.30	88.71	90.62		90.73	0.003664	1.48	27.95	23.68	0.43
Fosce_2	99.294"	Max WS	IT_TR200_TP02H	67.69	88.68	90.96		91.13	0.004397	1.81	37.32	26.98	0.49
Fosce_2	99.294"	Max WS	IT_TR200_TP03H	74.46	88.68	91.00		91.19	0.004890	1.95	38.31	26.98	0.52
Fosce_2	99.294"	Max WS	IT_TR200_TP01H	52.84	88.68	90.81		90.94	0.003612	1.58	33.37	25.06	0.44
Fosce_2	99.294"	Max WS	IT_TR200_TP04H	76.02	88.68	90.99		91.19	0.005237	2.00	37.99	26.98	0.53
Fosce_2	99.294"	Max WS	IT_TR200_TP06H	74.29	88.68	90.92		91.14	0.005738	2.05	36.19	25.97	0.56
Fosce_2	99.294"	Max WS	IT_TR030_TP01H	36.18	88.68	90.44		90.55	0.004173	1.48	24.43	22.92	0.46
Fosce_2	99.294"	Max WS	IT_TR030_TP06H	54.80	88.68	90.55		90.76	0.007242	2.03	26.97	23.73	0.61
Fosce_2	99.294"	Max WS	IT_TR030_TP04H	56.00	88.68	90.61		90.81	0.006384	1.96	28.52	23.97	0.57
Fosce_2	99.294"	Max WS	IT_TR030_TP03H	54.85	88.68	90.62		90.81	0.005960	1.91	28.79	24.02	0.56
Fosce_2	99.294"	Max WS	IT_TR030_TP02H	46.71	88.68	90.59		90.73	0.004721	1.67	27.95	23.88	0.49
Fosce_2	99.294"	Max WS	IT_TR030_TP0.5H	27.24	88.68	90.22		90.32	0.004095	1.38	19.76	20.35	0.45
Fosce_2	99.294"	Max WS	IT_TR200_TP0.5H	41.16	88.68	90.62		90.72	0.003392	1.43	28.68	24.00	0.42
Fosce_2	99.176"	Max WS	IT_TR200_TP02H	64.86	88.65	90.96		91.11	0.003754	1.70	38.12	26.35	0.45
Fosce_2	99.176"	Max WS	IT_TR200_TP03H	73.90	88.65	91.00		91.18	0.004594	1.89	39.04	27.44	0.50
Fosce_2	99.176"	Max WS	IT_TR200_TP01H	51.70	88.65	90.81		90.93	0.003208	1.51	34.22	25.25	0.41
Fosce_2	99.176"	Max WS	IT_TR200_TP04H	75.77	88.65	90.98		91.18	0.004966	1.96	38.64	27.20	0.52
Fosce_2	99.176"	Max WS	IT_TR200_TP06H	74.40	88.65	90.91		91.12	0.005433	2.02	36.78	25.92	0.54
Fosce_2	99.176"	Max WS	IT_TR030_TP										

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
Fosce_2	99.176*	Max WS	IT_TR030_TP06H	54.80	88.65	90.54		90.74	0.006830	1.99	27.58	24.03	0.59
Fosce_2	99.176*	Max WS	IT_TR030_TP04H	55.95	88.65	90.61		90.79	0.005989	1.92	29.19	24.26	0.56
Fosce_2	99.176*	Max WS	IT_TR030_TP03H	54.57	88.65	90.62		90.79	0.005533	1.85	29.48	24.31	0.54
Fosce_2	99.176*	Max WS	IT_TR030_TP02H	46.68	88.65	90.59		90.72	0.004411	1.63	28.65	24.18	0.48
Fosce_2	99.176*	Max WS	IT_TR030_TP0.5H	27.24	88.65	90.22		90.31	0.003653	1.33	20.47	20.39	0.42
Fosce_2	99.176*	Max WS	IT_TR200_TP0.5H	41.07	88.65	90.62		90.72	0.003148	1.40	29.43	24.30	0.40
Fosce_2	99.059*	Max WS	IT_TR200_TP02H	64.35	88.62	90.96		91.10	0.003419	1.65	39.05	26.40	0.43
Fosce_2	99.059*	Max WS	IT_TR200_TP03H	73.03	88.62	91.00		91.17	0.004154	1.83	39.91	26.66	0.48
Fosce_2	99.059*	Max WS	IT_TR200_TP01H	51.39	88.62	90.81		90.92	0.002946	1.46	35.09	25.46	0.40
Fosce_2	99.059*	Max WS	IT_TR200_TP04H	75.25	88.62	90.98		91.17	0.004535	1.91	39.50	26.54	0.50
Fosce_2	99.059*	Max WS	IT_TR200_TP06H	74.09	88.62	90.91		91.11	0.005016	1.97	37.61	25.97	0.52
Fosce_2	99.059*	Max WS	IT_TR030_TP01H	36.14	88.62	90.43		90.53	0.003350	1.40	25.89	22.43	0.41
Fosce_2	99.059*	Max WS	IT_TR030_TP06H	54.68	88.62	90.53		90.73	0.006256	1.94	28.22	23.89	0.57
Fosce_2	99.059*	Max WS	IT_TR030_TP04H	55.92	88.62	90.60		90.78	0.005621	1.87	29.88	24.55	0.54
Fosce_2	99.059*	Max WS	IT_TR030_TP03H	54.38	88.62	90.61		90.78	0.005153	1.80	30.19	24.60	0.52
Fosce_2	99.059*	Max WS	IT_TR030_TP02H	46.67	88.62	90.58		90.71	0.004124	1.59	29.37	24.48	0.46
Fosce_2	99.059*	Max WS	IT_TR030_TP0.5H	27.24	88.62	90.22		90.30	0.003278	1.28	21.24	20.57	0.40
Fosce_2	99.059*	Max WS	IT_TR200_TP0.5H	40.90	88.62	90.62		90.71	0.002911	1.35	30.20	24.60	0.39
Fosce_2	98.941*	Max WS	IT_TR200_TP02H	63.66	88.59	90.97		91.10	0.003091	1.59	40.06	26.50	0.41
Fosce_2	98.941*	Max WS	IT_TR200_TP03H	72.30	88.59	91.00		91.16	0.003764	1.77	40.93	26.75	0.46
Fosce_2	98.941*	Max WS	IT_TR200_TP01H	51.13	88.59	90.81		90.91	0.002715	1.42	35.98	25.68	0.38
Fosce_2	98.941*	Max WS	IT_TR200_TP04H	74.47	88.59	90.98		91.16	0.004107	1.84	40.50	26.63	0.48
Fosce_2	98.941*	Max WS	IT_TR200_TP06H	73.63	88.59	90.91		91.10	0.004605	1.91	38.56	26.16	0.50
Fosce_2	98.941*	Max WS	IT_TR030_TP01H	36.12	88.59	90.43		90.52	0.003047	1.35	26.70	22.53	0.40
Fosce_2	98.941*	Max WS	IT_TR030_TP06H	54.68	88.59	90.53		90.71	0.005649	1.89	28.95	23.53	0.54
Fosce_2	98.941*	Max WS	IT_TR030_TP04H	55.92	88.59	90.60		90.77	0.005247	1.83	30.59	24.73	0.52
Fosce_2	98.941*	Max WS	IT_TR030_TP03H	54.38	88.59	90.61		90.77	0.004837	1.76	30.91	24.89	0.50
Fosce_2	98.941*	Max WS	IT_TR030_TP02H	46.36	88.59	90.58		90.70	0.003709	1.54	30.12	24.29	0.44
Fosce_2	98.941*	Max WS	IT_TR030_TP0.5H	27.25	88.59	90.22		90.29	0.002960	1.24	22.03	20.85	0.38
Fosce_2	98.941*	Max WS	IT_TR200_TP0.5H	40.79	88.59	90.61		90.70	0.002702	1.32	30.98	24.90	0.38
Fosce_2	98.824*	Max WS	IT_TR200_TP02H	63.22	88.56	90.97		91.09	0.002834	1.54	41.03	26.62	0.40
Fosce_2	98.824*	Max WS	IT_TR200_TP03H	71.84	88.56	91.00		91.15	0.003460	1.72	41.87	26.83	0.44
Fosce_2	98.824*	Max WS	IT_TR200_TP01H	50.62	88.56	90.81		90.91	0.002483	1.37	36.88	25.91	0.37
Fosce_2	98.824*	Max WS	IT_TR200_TP04H	74.03	88.56	90.98		91.15	0.003777	1.79	41.44	26.70	0.46
Fosce_2	98.824*	Max WS	IT_TR200_TP06H	73.15	88.56	90.91		91.09	0.004244	1.85	39.48	26.36	0.48
Fosce_2	98.824*	Max WS	IT_TR030_TP01H	36.11	88.56	90.43		90.52	0.002751	1.31	27.55	22.53	0.38
Fosce_2	98.824*	Max WS	IT_TR030_TP06H	54.68	88.56	90.53		90.70	0.005103	1.84	29.76	23.30	0.52
Fosce_2	98.824*	Max WS	IT_TR030_TP04H	55.50	88.56	90.59		90.75	0.004640	1.77	31.37	24.21	0.50
Fosce_2	98.824*	Max WS	IT_TR030_TP03H	54.36	88.56	90.61		90.76	0.004353	1.72	31.69	24.43	0.48
Fosce_2	98.824*	Max WS	IT_TR030_TP02H	46.36	88.56	90.58		90.69	0.003335	1.50	30.94	23.93	0.42
Fosce_2	98.824*	Max WS	IT_TR030_TP0.5H	27.23	88.56	90.21		90.29	0.002671	1.19	22.86	21.15	0.37
Fosce_2	98.824*	Max WS	IT_TR200_TP0.5H	40.63	88.56	90.61		90.69	0.002413	1.28	31.80	24.50	0.36
Fosce_2	98.706*	Max WS	IT_TR200_TP02H	62.68	88.53	90.97		91.08	0.002597	1.49	42.04	26.83	0.38
Fosce_2	98.706*	Max WS	IT_TR200_TP03H	71.20	88.53	91.00		91.14	0.003157	1.66	42.90	26.96	0.42
Fosce_2	98.706*	Max WS	IT_TR200_TP01H	49.62	88.53	90.81		90.90	0.002228	1.31	37.79	26.16	0.35
Fosce_2	98.706*	Max WS	IT_TR200_TP04H	73.50	88.53	90.99		91.14	0.003469	1.73	42.46	26.89	0.44
Fosce_2	98.706*	Max WS	IT_TR200_TP06H	72.79	88.53	90.91		91.08	0.003924	1.80	40.45	26.58	0.47
Fosce_2	98.706*	Max WS	IT_TR030_TP01H	36.09	88.53	90.43		90.51	0.002474	1.27	28.44	22.50	0.36
Fosce_2	98.706*	Max WS	IT_TR030_TP06H	54.68	88.53	90.52		90.69	0.004684	1.79	30.61	23.40	0.50
Fosce_2	98.706*	Max WS	IT_TR030_TP04H	55.50	88.53	90.59		90.74	0.004176	1.72	32.23	23.87	0.47
Fosce_2	98.706*	Max WS	IT_TR030_TP03H	54.36	88.53	90.60		90.75	0.003913	1.67	32.54	24.03	0.46
Fosce_2	98.706*	Max WS	IT_TR030_TP02H	46.20	88.53	90.57		90.68	0.002997	1.45	31.82	23.74	0.40
Fosce_2	98.706*	Max WS	IT_TR030_TP0.5H	27.24	88.53	90.21		90.28	0.002417	1.15	23.70	21.45	0.35
Fosce_2	98.706*	Max WS	IT_TR200_TP0.5H	40.62	88.53	90.61		90.69	0.002166	1.24	32.68	24.12	0.34
Fosce_2	98.588*	Max WS	IT_TR200_TP02H	62.23	88.51	90.97		91.08	0.002394	1.45	43.05	27.05	0.37
Fosce_2	98.588*	Max WS	IT_TR200_TP03H	70.71	88.51	91.01		91.14	0.002907	1.61	43.96	27.18	0.40
Fosce_2	98.588*	Max WS	IT_TR200_TP01H	49.54	88.51	90.81		90.89	0.002079	1.28	38.70	26.40	0.34
Fosce_2	98.588*	Max WS	IT_TR200_TP04H	72.94	88.51	90.99		91.13	0.003191	1.68	43.49	27.11	0.42
Fosce_2	98.588*	Max WS	IT_TR200_TP06H	72.51	88.51	90.91		91.07	0.003647	1.75	41.40	26.80	0.45
Fosce_2	98.588*	Max WS	IT_TR030_TP01H	36.07	88.51	90.43		90.50	0.002239	1.23	29.38	22.59	0.34
Fosce_2	98.588*	Max WS	IT_TR030_TP06H	54.67	88.51	90.52		90.67	0.004255	1.73	31.51	23.35	0.48
Fosce_2	98.588*	Max WS	IT_TR030_TP04H	55.38	88.51	90.59		90.73	0.003822	1.67	33.14	23.96	0.45
Fosce_2	98.588*	Max WS	IT_TR030_TP03H	54.35	88.51	90.60		90.74	0.003583	1.62	33.46	24.05	0.44
Fosce_2	98.588*	Max WS	IT_TR030_TP02H	46.19	88.51	90.57		90.67	0.002748	1.41	32.75	23.85	0.38
Fosce_2	98.588*	Max WS	IT_TR030_TP0.5H	27.25	88.51	90.21		90.27	0.002192	1.11	24.57	21.75	0.33
Fosce_2	98.588*	Max WS	IT_TR200_TP0.5H	40.61	88.51	90.61		90.68	0.001974	1.21	33.61	24.09	0.33
Fosce_2	98.471*	Max WS	IT_TR200_TP02H	62.87	88.48	90.97		91.07	0.002312	1.43	43.91	27.25	0.36
Fosce_2	98.471*	Max WS	IT_TR200_TP03H	70.63	88.48	91.00		91.12	0.002764	1.58	44.73	27.36	0.39
Fosce_2	98.471*	Max WS	IT_TR200_TP01H	49.16	88.48	90.81		90.89	0.001922	1.24	39.61	26.65	0.33
Fosce_2	98.471*	Max WS	IT_TR200_TP04H	73.56	88.48	90.98		91.12	0.003108	1.66	44.19	27.29	0.42
Fosce_2	98.471*	Max WS	IT_TR200_TP06H	73.39	88.48	90.90		91.05	0.003606	1.75	41.96	26.98	0.45
Fosce_2	98.471*	Max WS	IT_TR030_TP01H	36.05	88.48	90.43		90.50	0.002046	1.19	30.34	22.85	0.33
Fosce_2	98.471*	Max WS	IT_TR030_TP06H	54.70	88.48	90.51		90.66	0.003884	1.69	32.39	23.26	0.46
Fosce_2	98.471*	Max WS	IT_TR030_TP04H	55.54	88.48	90.58		90.72	0.003533	1.63	34.00	23.92	0.44
Fosce_2	98.471*	Max WS	IT_TR030_TP03H	54.10	88.48	90.60		90.72	0.003267	1.58	34.35	24.06	0.42
Fosce_2	98.471*	Max WS	IT_TR030_TP02H	46.16	88.48	90.57		90.67	0.002496	1.37	33.71	23.80	0.37
Fosce_2	98.471*	Max WS	IT_TR030_TP0.5H	27.24	88.48	90.21		90.27	0.001985	1.07	25.47	22.06	0.32
Fosce_2	98.471*	Max WS	IT_TR200_TP0.5H	40.56	88.48	90.61		90.68	0.001804	1.17	34.59	24.16	0.31
Fosce_2	98.353*	Max WS	IT_TR200_TP02H	63.34	88.45	90.96		91.06	0.002221	1.41	44.81	27.46	0.35
Fosce_2	98.353*	Max WS	IT_TR200_TP03H	70.90	88.45	90.99		91.11	0.002643	1.56	45.59	27.57	0.39
Fosce_2	98.353*	Max WS	IT_TR200_TP01H	48.47	88.45	90.81		90.88	0.001698	1.20	40.53	26.21	0.31
Fosce_2	98.353*	Max WS	IT_TR200_TP04H	73.96	88.45	90.97		91.11	0.002988	1.64	45.01	27.49	0.41
Fosce_2	98.353*	Max WS	IT_TR200_TP06H	74.09	88.45	90.89		91.04	0.003509	1.74	42.70	27.19	0.44
Fosce_2	98.353*	Max WS	IT_TR030_TP01H	36.04	88.45	90.43		90.49	0.001872	1.15	31.32	23.11	0.32
Fosce_2	98.353*	Max WS	IT_TR030_TP06H	54.80	88.45	90.51		90.65	0.003589	1.64	33.32	23.41	0.44
Fosce_2	98.353*	Max WS	IT_TR030_TP04H	55.81	88.45	90.58		90.71	0.003262	1.60	34.93	23.83	0.42
Fosce_2	98.353*												

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
Fosce_2	98.353*	Max WS	IT_TR030_TP02H	46.11	88.45	90.57		90.66	0.002262	1.33	34.72	23.75	0.35
Fosce_2	98.353*	Max WS	IT_TR030_TP0.5H	27.26	88.45	90.21		90.26	0.001806	1.03	26.38	22.36	0.30
Fosce_2	98.353*	Max WS	IT_TR200_TP0.5H	40.51	88.45	90.61		90.67	0.001637	1.14	35.60	24.11	0.30
Fosce_2	98.235*	Max WS	IT_TR200_TP02H	63.34	88.42	90.96		91.06	0.002091	1.38	45.80	27.70	0.34
Fosce_2	98.235*	Max WS	IT_TR200_TP03H	70.95	88.42	90.99		91.11	0.002494	1.52	46.59	27.80	0.38
Fosce_2	98.235*	Max WS	IT_TR200_TP01H	48.48	88.42	90.80		90.87	0.001529	1.17	41.55	25.67	0.29
Fosce_2	98.235*	Max WS	IT_TR200_TP04H	73.79	88.42	90.97		91.10	0.002801	1.60	46.01	27.73	0.40
Fosce_2	98.235*	Max WS	IT_TR200_TP06H	74.09	88.42	90.88		91.03	0.003302	1.70	43.66	27.44	0.43
Fosce_2	98.235*	Max WS	IT_TR030_TP01H	36.02	88.42	90.42		90.49	0.001715	1.11	32.32	23.38	0.30
Fosce_2	98.235*	Max WS	IT_TR030_TP06H	54.81	88.42	90.51		90.64	0.003305	1.60	34.34	23.67	0.42
Fosce_2	98.235*	Max WS	IT_TR030_TP04H	55.75	88.42	90.58		90.70	0.002978	1.55	35.96	23.91	0.40
Fosce_2	98.235*	Max WS	IT_TR030_TP03H	54.10	88.42	90.59		90.71	0.002723	1.49	36.31	23.96	0.39
Fosce_2	98.235*	Max WS	IT_TR030_TP02H	46.11	88.42	90.57		90.65	0.002072	1.29	35.76	23.88	0.34
Fosce_2	98.235*	Max WS	IT_TR030_TP0.5H	27.23	88.42	90.21		90.26	0.001639	1.00	27.31	22.66	0.29
Fosce_2	98.235*	Max WS	IT_TR200_TP0.5H	40.51	88.42	90.61		90.67	0.001488	1.11	36.64	24.04	0.29
Fosce_2	98.118*	Max WS	IT_TR200_TP02H	63.34	88.39	90.96		91.05	0.001969	1.35	46.83	27.94	0.33
Fosce_2	98.118*	Max WS	IT_TR200_TP03H	70.78	88.39	90.99		91.10	0.002340	1.49	47.62	28.04	0.36
Fosce_2	98.118*	Max WS	IT_TR200_TP01H	48.49	88.39	90.80		90.87	0.001416	1.14	42.64	25.75	0.28
Fosce_2	98.118*	Max WS	IT_TR200_TP04H	73.72	88.39	90.97		91.09	0.002636	1.57	47.02	27.97	0.39
Fosce_2	98.118*	Max WS	IT_TR200_TP06H	73.99	88.39	90.88		91.02	0.002950	1.66	44.67	26.64	0.41
Fosce_2	98.118*	Max WS	IT_TR030_TP01H	36.00	88.39	90.42		90.48	0.001574	1.08	33.34	23.65	0.29
Fosce_2	98.118*	Max WS	IT_TR030_TP06H	54.80	88.39	90.51		90.63	0.003048	1.55	35.37	23.93	0.41
Fosce_2	98.118*	Max WS	IT_TR030_TP04H	55.75	88.39	90.58		90.69	0.002751	1.51	37.01	24.16	0.39
Fosce_2	98.118*	Max WS	IT_TR030_TP03H	54.09	88.39	90.59		90.70	0.002515	1.45	37.38	24.21	0.37
Fosce_2	98.118*	Max WS	IT_TR030_TP02H	45.84	88.39	90.57		90.65	0.001890	1.25	36.82	24.13	0.32
Fosce_2	98.118*	Max WS	IT_TR030_TP0.5H	27.25	88.39	90.21		90.25	0.001493	0.96	28.27	22.96	0.28
Fosce_2	98.118*	Max WS	IT_TR200_TP0.5H	40.49	88.39	90.61		90.67	0.001372	1.07	37.71	24.25	0.27
Fosce_2	98.000	Max WS	IT_TR200_TP02H	63.34	88.36	90.96		91.05	0.001816	1.32	47.87	27.73	0.32
Fosce_2	98.000	Max WS	IT_TR200_TP03H	70.75	88.36	90.99		91.10	0.002204	1.45	48.66	28.28	0.35
Fosce_2	98.000	Max WS	IT_TR200_TP01H	48.50	88.36	90.80		90.87	0.001311	1.11	43.73	25.81	0.27
Fosce_2	98.000	Max WS	IT_TR200_TP04H	73.69	88.36	90.97		91.09	0.002460	1.53	48.05	28.01	0.37
Fosce_2	98.000	Max WS	IT_TR200_TP06H	73.98	88.36	90.88		91.01	0.002698	1.62	45.76	26.36	0.39
Fosce_2	98.000	Max WS	IT_TR030_TP01H	35.99	88.36	90.42		90.48	0.001447	1.05	34.38	23.92	0.28
Fosce_2	98.000	Max WS	IT_TR030_TP06H	54.80	88.36	90.51		90.62	0.002814	1.50	36.43	24.19	0.39
Fosce_2	98.000	Max WS	IT_TR030_TP04H	55.75	88.36	90.58		90.69	0.002543	1.46	38.09	24.41	0.37
Fosce_2	98.000	Max WS	IT_TR030_TP03H	54.08	88.36	90.59		90.69	0.002326	1.41	38.46	24.46	0.36
Fosce_2	98.000	Max WS	IT_TR030_TP02H	45.88	88.36	90.57		90.64	0.001750	1.21	37.89	24.39	0.31
Fosce_2	98.000	Max WS	IT_TR030_TP0.5H	27.25	88.36	90.21		90.25	0.001360	0.93	29.25	23.26	0.27
Fosce_2	98.000	Max WS	IT_TR200_TP0.5H	40.39	88.36	90.61		90.66	0.001263	1.04	38.80	24.51	0.26
Fosce_2	96.000	Max WS	IT_TR200_TP02H	108.96	88.06	90.22		90.61	0.011405	2.77	39.33	30.40	0.78
Fosce_2	96.000	Max WS	IT_TR200_TP03H	113.61	88.06	90.26		90.66	0.011270	2.80	40.54	30.49	0.78
Fosce_2	96.000	Max WS	IT_TR200_TP01H	93.27	88.06	90.10		90.45	0.011515	2.62	35.55	30.11	0.77
Fosce_2	96.000	Max WS	IT_TR200_TP04H	113.06	88.06	90.26		90.66	0.011284	2.80	40.40	30.48	0.78
Fosce_2	96.000	Max WS	IT_TR200_TP06H	107.71	88.06	90.21		90.60	0.011372	2.76	39.08	30.38	0.78
Fosce_2	96.000	Max WS	IT_TR030_TP01H	64.42	88.06	89.88		90.13	0.010379	2.21	29.11	29.58	0.71
Fosce_2	96.000	Max WS	IT_TR030_TP06H	76.01	88.06	89.97		90.26	0.010910	2.39	31.79	29.80	0.74
Fosce_2	96.000	Max WS	IT_TR030_TP04H	80.51	88.06	90.00		90.31	0.011091	2.46	32.79	29.88	0.75
Fosce_2	96.000	Max WS	IT_TR030_TP03H	80.89	88.06	90.01		90.32	0.011128	2.46	32.86	29.89	0.75
Fosce_2	96.000	Max WS	IT_TR030_TP02H	76.76	88.06	89.97		90.27	0.010986	2.40	31.92	29.81	0.74
Fosce_2	96.000	Max WS	IT_TR030_TP0.5H	49.05	88.06	89.74		89.94	0.009541	1.95	25.13	28.99	0.67
Fosce_2	96.000	Max WS	IT_TR200_TP0.5H	76.67	88.06	89.97		90.27	0.011001	2.40	31.88	29.81	0.74
Fosce_2	94.000	Max WS	IT_TR200_TP02H	105.93	88.15	89.97		90.23	0.007780	2.27	46.71	36.40	0.64
Fosce_2	94.000	Max WS	IT_TR200_TP03H	110.62	88.15	90.02		90.29	0.007493	2.28	48.60	36.57	0.63
Fosce_2	94.000	Max WS	IT_TR200_TP01H	90.53	88.15	89.80		90.06	0.008779	2.23	40.67	35.87	0.67
Fosce_2	94.000	Max WS	IT_TR200_TP04H	110.07	88.15	90.02		90.28	0.007526	2.28	48.38	36.55	0.63
Fosce_2	94.000	Max WS	IT_TR200_TP06H	104.67	88.15	89.96		90.22	0.007843	2.26	46.23	36.36	0.64
Fosce_2	94.000	Max WS	IT_TR030_TP01H	63.19	88.15	89.57		89.76	0.008724	1.95	32.45	35.03	0.65
Fosce_2	94.000	Max WS	IT_TR030_TP06H	74.16	88.15	89.66		89.88	0.008998	2.08	35.57	35.39	0.66
Fosce_2	94.000	Max WS	IT_TR030_TP04H	78.42	88.15	89.70		89.93	0.009011	2.13	36.83	35.52	0.67
Fosce_2	94.000	Max WS	IT_TR030_TP03H	78.69	88.15	89.70		89.93	0.009033	2.13	36.89	35.53	0.67
Fosce_2	94.000	Max WS	IT_TR030_TP02H	74.77	88.15	89.66		89.89	0.009122	2.10	35.60	35.40	0.67
Fosce_2	94.000	Max WS	IT_TR030_TP0.5H	48.58	88.15	89.45		89.60	0.007972	1.72	28.27	34.53	0.61
Fosce_2	94.000	Max WS	IT_TR200_TP0.5H	74.72	88.15	89.66		89.88	0.009179	2.10	35.51	35.39	0.67
Fosce_2	92.000*	Max WS	IT_TR200_TP02H	102.35	88.02	89.86		90.04	0.004652	1.88	54.57	38.30	0.50
Fosce_2	92.000*	Max WS	IT_TR200_TP03H	107.38	88.02	89.92		90.10	0.004548	1.90	56.66	38.42	0.50
Fosce_2	92.000*	Max WS	IT_TR200_TP01H	85.95	88.02	89.68		89.85	0.004998	1.80	47.81	37.93	0.51
Fosce_2	92.000*	Max WS	IT_TR200_TP04H	106.80	88.02	89.91		90.09	0.004561	1.89	56.41	38.40	0.50
Fosce_2	92.000*	Max WS	IT_TR200_TP06H	101.02	88.02	89.85		90.02	0.004680	1.87	54.03	38.27	0.50
Fosce_2	92.000*	Max WS	IT_TR030_TP01H	59.56	88.02	89.44		89.56	0.004704	1.54	38.75	37.43	0.48
Fosce_2	92.000*	Max WS	IT_TR030_TP06H	69.66	88.02	89.54		89.67	0.004880	1.65	42.24	37.62	0.50
Fosce_2	92.000*	Max WS	IT_TR030_TP04H	73.89	88.02	89.57		89.72	0.004966	1.70	43.58	37.70	0.50
Fosce_2	92.000*	Max WS	IT_TR030_TP03H	74.11	88.02	89.57		89.72	0.004976	1.70	43.64	37.70	0.50
Fosce_2	92.000*	Max WS	IT_TR030_TP02H	70.05	88.02	89.54		89.68	0.004912	1.66	42.30	37.63	0.50
Fosce_2	92.000*	Max WS	IT_TR030_TP0.5H	47.60	88.02	89.30		89.41	0.004733	1.42	33.56	36.87	0.47
Fosce_2	92.000*	Max WS	IT_TR200_TP0.5H	69.86	88.02	89.54		89.67	0.004916	1.65	42.22	37.62	0.50
Fosce_2	90.000	Max WS	IT_TR200_TP02H	90.81	87.16	89.68		89.92	0.005269	2.17	41.81	24.63	0.53
Fosce_2	90.000	Max WS	IT_TR200_TP03H	94.40	87.16	89.75		89.99	0.005042	2.17	43.51	24.78	0.52
Fosce_2	90.000	Max WS	IT_TR200_TP01H	79.34	87.16	89.43		89.68	0.006455	2.21	35.83	24.10	0.58
Fosce_2	90.000	Max WS	IT_TR200_TP04H	93.98	87.16	89.74		89.98	0.005067	2.17	43.32	24.76	0.52
Fosce_2	90.000	Max WS	IT_TR200_TP06H	89.87	87.16	89.66		89.90	0.005333	2.17	41.36	24.59	0.53
Fosce_2	90.000	Max WS	IT_TR030_TP01H	59.67	87.16	88.95		89.26	0.012114	2.44	24.46	23.34	0.76
Fosce_2	90.000	Max WS	IT_TR030_TP06H	68.62	87.16	89.16		89.44	0.009149	2.35	29.21	23.66	0.68
Fosce_2	90.000	Max WS	IT_TR030_TP04H	71.27	87.16	89.24		89.51	0.007942	2.28	31.30	23.80	0.63
Fosce_2	90.000	Max WS	IT_TR030_TP03H	71.42	87.16	89.25		89.51	0.007911	2.28	31.38	23.81	0.63
Fosce_2	90.000	Max WS	IT_TR030_TP02H	68.83	87.16	89.16		89.44	0.009156	2.35	29.26	23.67	0.68
Fosce_2	90.000	Max WS	IT_TR030_TP0.5H	48.31	87.16	88.75		89.06	0.015628	2.44	19.76	22.99	0.84
Fosce_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
Fosce_2	88.000	Max WS	IT_TR200_TP02H	110.58	86.21	89.35		89.63	0.005527	2.36	46.86	25.80	0.56
Fosce_2	88.000	Max WS	IT_TR200_TP03H	114.94	86.21	89.43		89.71	0.005212	2.35	48.95	25.88	0.55
Fosce_2	88.000	Max WS	IT_TR200_TP01H	95.22	86.21	89.05		89.35	0.007019	2.42	39.38	25.34	0.62
Fosce_2	88.000	Max WS	IT_TR200_TP04H	114.45	86.21	89.42		89.70	0.005248	2.35	48.71	25.87	0.55
Fosce_2	88.000	Max WS	IT_TR200_TP06H	109.41	86.21	89.33		89.61	0.005618	2.36	46.30	25.78	0.56
Fosce_2	88.000	Max WS	IT_TR030_TP01H	64.10	86.21	88.58		88.85	0.008942	2.31	27.73	23.21	0.68
Fosce_2	88.000	Max WS	IT_TR030_TP06H	77.84	86.21	88.76		89.06	0.008900	2.44	31.93	24.55	0.68
Fosce_2	88.000	Max WS	IT_TR030_TP04H	83.13	86.21	88.83		89.14	0.008667	2.47	33.64	24.77	0.68
Fosce_2	88.000	Max WS	IT_TR030_TP03H	83.36	86.21	88.83		89.14	0.008655	2.47	33.71	24.78	0.68
Fosce_2	88.000	Max WS	IT_TR030_TP02H	78.06	86.21	88.76		89.06	0.008924	2.44	31.96	24.56	0.68
Fosce_2	88.000	Max WS	IT_TR030_TP0.5H	49.30	86.21	88.38		88.61	0.009065	2.13	23.13	22.14	0.67
Fosce_2	88.000	Max WS	IT_TR200_TP0.5H	77.66	86.21	88.75		89.06	0.008968	2.44	31.80	24.54	0.68
Fosce_2	86.000*	Max WS	IT_TR200_TP02H	126.60	86.16	88.98		89.33	0.006910	2.62	48.31	26.92	0.62
Fosce_2	86.000*	Max WS	IT_TR200_TP03H	132.46	86.16	89.07		89.42	0.006550	2.61	50.68	27.14	0.61
Fosce_2	86.000*	Max WS	IT_TR200_TP01H	104.59	86.16	88.72		89.05	0.007685	2.53	41.31	26.55	0.65
Fosce_2	86.000*	Max WS	IT_TR200_TP04H	131.81	86.16	89.06		89.41	0.006587	2.62	50.40	27.09	0.61
Fosce_2	86.000*	Max WS	IT_TR200_TP06H	125.06	86.16	88.96		89.31	0.007040	2.62	47.64	26.88	0.63
Fosce_2	86.000*	Max WS	IT_TR030_TP01H	65.76	86.16	88.32		88.55	0.007603	2.13	30.86	25.96	0.62
Fosce_2	86.000*	Max WS	IT_TR030_TP06H	80.59	86.16	88.49		88.75	0.007536	2.29	35.20	26.21	0.63
Fosce_2	86.000*	Max WS	IT_TR030_TP04H	86.39	86.16	88.56		88.84	0.007317	2.33	37.14	26.32	0.63
Fosce_2	86.000*	Max WS	IT_TR030_TP03H	86.66	86.16	88.56		88.84	0.007318	2.33	37.21	26.33	0.63
Fosce_2	86.000*	Max WS	IT_TR030_TP02H	80.73	86.16	88.49		88.76	0.007535	2.29	35.24	26.21	0.63
Fosce_2	86.000*	Max WS	IT_TR030_TP0.5H	49.47	86.16	88.14		88.32	0.007223	1.89	26.19	25.61	0.60
Fosce_2	86.000*	Max WS	IT_TR200_TP0.5H	80.27	86.16	88.48		88.75	0.007572	2.29	35.06	26.20	0.63
Fosce_2	84.000	Max WS	IT_TR200_TP02H	131.27	85.74	88.54		88.99	0.010931	2.98	44.09	29.04	0.77
Fosce_2	84.000	Max WS	IT_TR200_TP03H	139.16	85.74	88.58		89.06	0.011495	3.09	45.03	29.10	0.79
Fosce_2	84.000	Max WS	IT_TR200_TP01H	104.92	85.74	88.43		88.77	0.008887	2.57	40.81	28.80	0.69
Fosce_2	84.000	Max WS	IT_TR200_TP04H	138.25	85.74	88.57		89.05	0.011438	3.08	44.92	29.10	0.79
Fosce_2	84.000	Max WS	IT_TR200_TP06H	129.22	85.74	88.54		88.98	0.010746	2.94	43.88	29.03	0.76
Fosce_2	84.000	Max WS	IT_TR030_TP01H	65.92	85.74	87.92		88.22	0.011640	2.44	27.02	25.36	0.75
Fosce_2	84.000	Max WS	IT_TR030_TP06H	80.71	85.74	88.21		88.49	0.008412	2.33	34.65	27.29	0.66
Fosce_2	84.000	Max WS	IT_TR030_TP04H	86.88	85.74	88.30		88.58	0.008043	2.35	37.04	27.92	0.65
Fosce_2	84.000	Max WS	IT_TR030_TP03H	87.13	85.74	88.30		88.58	0.008038	2.35	37.12	27.94	0.65
Fosce_2	84.000	Max WS	IT_TR030_TP02H	80.83	85.74	88.21		88.49	0.008380	2.33	34.73	27.32	0.66
Fosce_2	84.000	Max WS	IT_TR030_TP0.5H	49.57	85.74	87.64		87.95	0.014612	2.46	20.12	22.07	0.82
Fosce_2	84.000	Max WS	IT_TR200_TP0.5H	80.34	85.74	88.20		88.48	0.008486	2.33	34.43	27.24	0.66
Fosce_2	82.000	Max WS	IT_TR200_TP02H	126.56	85.13	88.48		88.70	0.003546	2.06	61.47	29.81	0.46
Fosce_2	82.000	Max WS	IT_TR200_TP03H	133.69	85.13	88.52		88.75	0.003752	2.14	62.55	29.87	0.47
Fosce_2	82.000	Max WS	IT_TR200_TP01H	103.57	85.13	88.35		88.52	0.002887	1.80	57.69	29.58	0.41
Fosce_2	82.000	Max WS	IT_TR200_TP04H	132.87	85.13	88.51		88.74	0.003729	2.13	62.42	29.86	0.47
Fosce_2	82.000	Max WS	IT_TR200_TP06H	124.75	85.13	88.47		88.68	0.003507	2.04	61.12	29.78	0.45
Fosce_2	82.000	Max WS	IT_TR030_TP01H	66.02	85.13	87.81		87.93	0.002035	1.51	43.80	22.30	0.34
Fosce_2	82.000	Max WS	IT_TR030_TP06H	80.81	85.13	88.13		88.26	0.002182	1.57	51.34	25.94	0.36
Fosce_2	82.000	Max WS	IT_TR030_TP04H	86.98	85.13	88.22		88.35	0.002470	1.62	53.71	28.67	0.38
Fosce_2	82.000	Max WS	IT_TR030_TP03H	87.24	85.13	88.22		88.36	0.002480	1.62	53.79	28.75	0.38
Fosce_2	82.000	Max WS	IT_TR030_TP02H	80.94	85.13	88.14		88.26	0.002191	1.57	51.41	26.06	0.36
Fosce_2	82.000	Max WS	IT_TR030_TP0.5H	49.67	85.13	87.49		87.59	0.001864	1.34	36.93	20.94	0.32
Fosce_2	82.000	Max WS	IT_TR200_TP0.5H	80.44	85.13	88.12		88.25	0.002162	1.57	51.12	25.66	0.36
Fosce_2	80.000*	Max WS	IT_TR200_TP02H	117.12	85.18	88.02		88.49	0.010972	3.05	38.38	24.08	0.77
Fosce_2	80.000*	Max WS	IT_TR200_TP03H	122.10	85.18	88.08		88.56	0.010653	3.07	39.85	24.31	0.76
Fosce_2	80.000*	Max WS	IT_TR200_TP01H	100.71	85.18	87.82		88.27	0.012126	2.99	33.68	23.53	0.80
Fosce_2	80.000*	Max WS	IT_TR200_TP04H	121.53	85.18	88.07		88.55	0.010688	3.07	39.68	24.29	0.76
Fosce_2	80.000*	Max WS	IT_TR200_TP06H	115.94	85.18	88.00		88.48	0.011077	3.05	38.00	24.02	0.77
Fosce_2	80.000*	Max WS	IT_TR030_TP01H	66.11	85.18	87.33		87.73	0.009837	2.78	23.82	15.64	0.72
Fosce_2	80.000*	Max WS	IT_TR030_TP06H	80.90	85.18	87.60		88.01	0.012714	2.84	28.52	22.29	0.80
Fosce_2	80.000*	Max WS	IT_TR030_TP04H	87.07	85.18	87.70		88.11	0.011854	2.81	30.98	23.41	0.78
Fosce_2	80.000*	Max WS	IT_TR030_TP03H	87.32	85.18	87.70		88.11	0.011869	2.81	31.03	23.41	0.78
Fosce_2	80.000*	Max WS	IT_TR030_TP02H	81.03	85.18	87.60		88.01	0.012765	2.83	28.58	22.43	0.80
Fosce_2	80.000*	Max WS	IT_TR030_TP0.5H	49.72	85.18	87.08		87.40	0.009203	2.48	20.02	14.86	0.68
Fosce_2	80.000*	Max WS	IT_TR200_TP0.5H	80.53	85.18	87.59		88.00	0.012600	2.84	28.36	21.97	0.80
Fosce_2	78.000*	Max WS	IT_TR200_TP02H	118.33	84.68	87.69		88.12	0.009878	2.92	40.53	25.09	0.73
Fosce_2	78.000*	Max WS	IT_TR200_TP03H	124.09	84.68	87.75		88.19	0.009751	2.96	41.99	25.22	0.73
Fosce_2	78.000*	Max WS	IT_TR200_TP01H	99.36	84.68	87.51		87.90	0.009912	2.75	36.14	24.74	0.73
Fosce_2	78.000*	Max WS	IT_TR200_TP04H	123.43	84.68	87.74		88.18	0.009768	2.95	41.82	25.20	0.73
Fosce_2	78.000*	Max WS	IT_TR200_TP06H	116.90	84.68	87.67		88.10	0.009946	2.91	40.12	25.05	0.74
Fosce_2	78.000*	Max WS	IT_TR030_TP01H	66.21	84.68	87.13		87.41	0.006758	2.36	28.02	18.01	0.60
Fosce_2	78.000*	Max WS	IT_TR030_TP06H	81.01	84.68	87.30		87.64	0.007794	2.60	31.19	19.38	0.65
Fosce_2	78.000*	Max WS	IT_TR030_TP04H	86.23	84.68	87.39		87.73	0.009770	2.60	33.15	24.51	0.71
Fosce_2	78.000*	Max WS	IT_TR030_TP03H	86.45	84.68	87.39		87.74	0.009771	2.60	33.20	24.52	0.71
Fosce_2	78.000*	Max WS	IT_TR030_TP02H	81.14	84.68	87.30		87.65	0.007804	2.60	31.21	19.39	0.65
Fosce_2	78.000*	Max WS	IT_TR030_TP0.5H	49.79	84.68	86.90		87.12	0.005829	2.08	23.99	16.79	0.55
Fosce_2	78.000*	Max WS	IT_TR200_TP0.5H	80.63	84.68	87.30		87.64	0.007774	2.59	31.11	19.35	0.65
Fosce_2	76.000*	Max WS	IT_TR200_TP02H	120.36	84.53	87.31		87.75	0.011525	2.95	40.85	28.63	0.79
Fosce_2	76.000*	Max WS	IT_TR200_TP03H	126.71	84.53	87.34		87.81	0.011889	3.03	41.78	28.63	0.80
Fosce_2	76.000*	Max WS	IT_TR200_TP01H	99.53	84.53	87.19		87.55	0.010342	2.65	37.53	28.63	0.74
Fosce_2	76.000*	Max WS	IT_TR200_TP04H	125.99	84.53	87.34		87.80	0.011849	3.02	41.67	28.63	0.80
Fosce_2	76.000*	Max WS	IT_TR200_TP06H	118.73	84.53	87.30		87.73	0.011370	2.92	40.68	28.63	0.78
Fosce_2	76.000*	Max WS	IT_TR030_TP01H	66.31	84.53	86.91		87.16	0.007647	2.20	30.09	24.22	0.63
Fosce_2	76.000*	Max WS	IT_TR030_TP06H	81.11	84.53	87.04		87.34	0.009358	2.43	33.34	27.00	0.70
Fosce_2	76.000*	Max WS	IT_TR030_TP04H	86.19	84.53	87.08		87.40	0.009731	2.50	34.47	27.57	0.71
Fosce_2	76.000*	Max WS	IT_TR030_TP03H	86.40	84.53	87.08		87.40	0.009739	2.50	34.52	27.59	0.71
Fosce_2	76.000*	Max WS	IT_TR030_TP02H	81.24	84.53	87.04		87.34	0.009372	2.43	33.37	27.01	0.70
Fosce_2	76.000*	Max WS	IT_TR030_TP0.5H	49.88	84.53	86.70		86.90	0.006626	1.98	25.24	21.46	0.58
Fosce_2	76.000*	Max WS	IT_TR200_TP0.5H	80.74	84.53	87.04		87.34	0.009326	2.43	33.26	26.95	0.70
Fosce_2	75.99			Lat Struct									

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
Fosce_2	75.98			Lat Struct									
Fosce_2	74.000*	Max WS	IT_TR200_TP02H	114.58	84.05	87.14		87.44	0.006452	2.42	47.29	27.88	0.59
Fosce_2	74.000*	Max WS	IT_TR200_TP03H	120.20	84.05	87.18		87.49	0.006672	2.49	48.22	27.88	0.61
Fosce_2	74.000*	Max WS	IT_TR200_TP01H	96.53	84.05	87.02		87.27	0.005519	2.19	43.99	26.87	0.55
Fosce_2	74.000*	Max WS	IT_TR200_TP04H	119.56	84.05	87.17		87.49	0.006645	2.48	48.12	27.88	0.60
Fosce_2	74.000*	Max WS	IT_TR200_TP06H	113.08	84.05	87.13		87.43	0.006397	2.40	47.02	27.88	0.59
Fosce_2	74.000*	Max WS	IT_TR030_TP01H	65.81	84.05	86.80		86.95	0.003565	1.72	38.33	24.46	0.44
Fosce_2	74.000*	Max WS	IT_TR030_TP06H	79.91	84.05	86.89		87.09	0.004383	1.96	40.67	24.65	0.49
Fosce_2	74.000*	Max WS	IT_TR030_TP04H	84.58	84.05	86.93		87.14	0.004658	2.04	41.52	24.94	0.50
Fosce_2	74.000*	Max WS	IT_TR030_TP03H	84.77	84.05	86.93		87.14	0.004670	2.04	41.56	24.96	0.50
Fosce_2	74.000*	Max WS	IT_TR030_TP02H	80.02	84.05	86.89		87.09	0.004390	1.97	40.68	24.65	0.49
Fosce_2	74.000*	Max WS	IT_TR030_TP0.5H	49.84	84.05	86.60		86.71	0.003082	1.48	33.57	24.08	0.40
Fosce_2	74.000*	Max WS	IT_TR200_TP0.5H	79.55	84.05	86.89		87.09	0.004366	1.96	40.60	24.64	0.49
Fosce_2	72.000*	Max WS	IT_TR200_TP02H	99.67	84.05	87.07		87.32	0.004518	2.21	45.10	23.00	0.50
Fosce_2	72.000*	Max WS	IT_TR200_TP03H	104.28	84.05	87.11		87.37	0.004675	2.27	45.92	23.00	0.51
Fosce_2	72.000*	Max WS	IT_TR200_TP01H	85.35	84.05	86.94		87.15	0.004078	2.02	42.20	23.00	0.48
Fosce_2	72.000*	Max WS	IT_TR200_TP04H	103.74	84.05	87.10		87.36	0.004656	2.26	45.82	23.00	0.51
Fosce_2	72.000*	Max WS	IT_TR200_TP06H	98.48	84.05	87.06		87.31	0.004487	2.20	44.85	23.00	0.50
Fosce_2	72.000*	Max WS	IT_TR030_TP01H	61.78	84.05	86.70		86.85	0.003321	1.68	36.68	23.00	0.43
Fosce_2	72.000*	Max WS	IT_TR030_TP06H	72.75	84.05	86.80		86.98	0.003806	1.87	38.97	23.00	0.46
Fosce_2	72.000*	Max WS	IT_TR030_TP04H	76.31	84.05	86.84		87.03	0.003904	1.92	39.84	23.00	0.46
Fosce_2	72.000*	Max WS	IT_TR030_TP03H	76.45	84.05	86.84		87.03	0.003908	1.92	39.88	23.00	0.46
Fosce_2	72.000*	Max WS	IT_TR030_TP02H	72.84	84.05	86.80		86.98	0.003811	1.87	38.98	23.00	0.46
Fosce_2	72.000*	Max WS	IT_TR030_TP0.5H	49.57	84.05	86.49		86.61	0.003004	1.56	31.79	20.98	0.40
Fosce_2	72.000*	Max WS	IT_TR200_TP0.5H	72.46	84.05	86.80		86.98	0.003795	1.86	38.91	23.00	0.46
Fosce_2	70.000*	Max WS	IT_TR200_TP02H	95.33	83.95	86.77		87.13	0.007928	2.64	36.05	21.20	0.65
Fosce_2	70.000*	Max WS	IT_TR200_TP03H	99.13	83.95	86.81		87.18	0.007975	2.69	36.89	21.20	0.65
Fosce_2	70.000*	Max WS	IT_TR200_TP01H	83.35	83.95	86.63		86.95	0.007995	2.52	33.02	21.20	0.65
Fosce_2	70.000*	Max WS	IT_TR200_TP04H	98.69	83.95	86.81		87.17	0.007965	2.68	36.80	21.20	0.65
Fosce_2	70.000*	Max WS	IT_TR200_TP06H	94.37	83.95	86.76		87.11	0.007974	2.64	35.76	21.20	0.65
Fosce_2	70.000*	Max WS	IT_TR030_TP01H	63.13	83.95	86.37		86.64	0.008064	2.29	27.63	21.20	0.64
Fosce_2	70.000*	Max WS	IT_TR030_TP06H	71.99	83.95	86.48		86.78	0.008219	2.41	29.83	21.20	0.65
Fosce_2	70.000*	Max WS	IT_TR030_TP04H	75.14	83.95	86.52		86.82	0.008190	2.45	30.68	21.20	0.65
Fosce_2	70.000*	Max WS	IT_TR030_TP03H	75.27	83.95	86.52		86.83	0.008190	2.45	30.72	21.20	0.65
Fosce_2	70.000*	Max WS	IT_TR030_TP02H	72.07	83.95	86.48		86.78	0.008221	2.41	29.85	21.20	0.65
Fosce_2	70.000*	Max WS	IT_TR030_TP0.5H	50.14	83.95	86.19		86.42	0.007861	2.11	23.79	20.37	0.62
Fosce_2	70.000*	Max WS	IT_TR200_TP0.5H	71.76	83.95	86.48		86.77	0.008217	2.41	29.77	21.20	0.65
Fosce_2	68.000*	Max WS	IT_TR200_TP02H	88.32	83.66	86.54		86.91	0.008570	2.68	32.94	20.21	0.67
Fosce_2	68.000*	Max WS	IT_TR200_TP03H	91.75	83.66	86.58		86.96	0.008645	2.71	33.82	20.51	0.67
Fosce_2	68.000*	Max WS	IT_TR200_TP01H	78.89	83.66	86.35		86.72	0.008054	2.69	29.36	17.06	0.65
Fosce_2	68.000*	Max WS	IT_TR200_TP04H	91.36	83.66	86.58		86.95	0.008629	2.71	33.73	20.48	0.67
Fosce_2	68.000*	Max WS	IT_TR200_TP06H	87.77	83.66	86.50		86.88	0.009001	2.73	32.13	19.90	0.69
Fosce_2	68.000*	Max WS	IT_TR030_TP01H	61.45	83.66	86.05		86.38	0.008407	2.52	24.35	16.32	0.66
Fosce_2	68.000*	Max WS	IT_TR030_TP06H	68.83	83.66	86.18		86.52	0.008340	2.60	26.44	16.70	0.66
Fosce_2	68.000*	Max WS	IT_TR030_TP04H	71.60	83.66	86.22		86.58	0.008319	2.63	27.18	16.79	0.66
Fosce_2	68.000*	Max WS	IT_TR030_TP03H	71.72	83.66	86.22		86.58	0.008322	2.64	27.21	16.79	0.66
Fosce_2	68.000*	Max WS	IT_TR030_TP02H	68.90	83.66	86.18		86.52	0.008347	2.61	26.45	16.70	0.66
Fosce_2	68.000*	Max WS	IT_TR030_TP0.5H	49.87	83.66	85.90		86.16	0.007529	2.28	21.84	15.79	0.62
Fosce_2	68.000*	Max WS	IT_TR200_TP0.5H	68.61	83.66	86.17		86.52	0.008351	2.60	26.37	16.69	0.66
Fosce_2	66.000*	Max WS	IT_TR200_TP02H	85.26	83.30	86.42		86.67	0.004665	2.22	38.38	19.23	0.50
Fosce_2	66.000*	Max WS	IT_TR200_TP03H	88.27	83.30	86.47		86.73	0.004652	2.25	39.29	19.23	0.50
Fosce_2	66.000*	Max WS	IT_TR200_TP01H	78.38	83.30	86.19		86.46	0.005775	2.31	33.93	19.23	0.56
Fosce_2	66.000*	Max WS	IT_TR200_TP04H	87.92	83.30	86.46		86.72	0.004647	2.24	39.20	19.23	0.50
Fosce_2	66.000*	Max WS	IT_TR200_TP06H	85.81	83.30	86.35		86.62	0.005281	2.32	37.03	19.23	0.53
Fosce_2	66.000*	Max WS	IT_TR030_TP01H	61.33	83.30	85.84		86.10	0.007059	2.25	27.21	19.23	0.61
Fosce_2	66.000*	Max WS	IT_TR030_TP06H	69.95	83.30	85.94		86.23	0.007405	2.40	29.14	19.23	0.62
Fosce_2	66.000*	Max WS	IT_TR030_TP04H	72.55	83.30	86.00		86.29	0.007099	2.40	30.23	19.23	0.61
Fosce_2	66.000*	Max WS	IT_TR030_TP03H	72.65	83.30	86.00		86.29	0.007096	2.40	30.26	19.23	0.61
Fosce_2	66.000*	Max WS	IT_TR030_TP02H	69.99	83.30	85.94		86.24	0.007404	2.40	29.15	19.23	0.62
Fosce_2	66.000*	Max WS	IT_TR030_TP0.5H	49.02	83.30	85.73		85.92	0.005826	1.95	25.09	19.23	0.55
Fosce_2	66.000*	Max WS	IT_TR200_TP0.5H	69.63	83.30	85.93		86.23	0.007434	2.40	29.02	19.23	0.62
Fosce_2	64.000*	Max WS	IT_TR200_TP02H	77.98	83.25	86.39		86.55	0.003129	1.82	42.81	21.93	0.42
Fosce_2	64.000*	Max WS	IT_TR200_TP03H	81.08	83.25	86.43		86.61	0.003142	1.85	43.84	21.93	0.42
Fosce_2	64.000*	Max WS	IT_TR200_TP01H	70.83	83.25	86.13		86.32	0.003977	1.90	37.29	21.93	0.47
Fosce_2	64.000*	Max WS	IT_TR200_TP04H	80.72	83.25	86.43		86.60	0.003137	1.85	43.74	21.93	0.42
Fosce_2	64.000*	Max WS	IT_TR200_TP06H	78.60	83.25	86.30		86.49	0.003644	1.92	40.98	21.93	0.45
Fosce_2	64.000*	Max WS	IT_TR030_TP01H	58.74	83.25	85.63		85.88	0.007376	2.22	26.42	20.08	0.62
Fosce_2	64.000*	Max WS	IT_TR030_TP06H	64.93	83.25	85.78		86.03	0.006460	2.19	29.66	20.78	0.59
Fosce_2	64.000*	Max WS	IT_TR030_TP04H	66.33	83.25	85.87		86.10	0.005877	2.10	31.61	21.93	0.56
Fosce_2	64.000*	Max WS	IT_TR030_TP03H	66.40	83.25	85.88		86.10	0.005856	2.10	31.66	21.93	0.56
Fosce_2	64.000*	Max WS	IT_TR030_TP02H	64.97	83.25	85.78		86.03	0.006455	2.19	29.68	20.78	0.59
Fosce_2	64.000*	Max WS	IT_TR030_TP0.5H	47.78	83.25	85.55		85.74	0.005630	1.91	25.01	19.49	0.54
Fosce_2	64.000*	Max WS	IT_TR200_TP0.5H	64.67	83.25	85.77		86.02	0.006580	2.20	29.40	20.75	0.59
Fosce_2	62.000	Max WS	IT_TR200_TP02H	80.34	83.25	86.35		86.44	0.001605	1.30	61.77	32.20	0.30
Fosce_2	62.000	Max WS	IT_TR200_TP03H	83.83	83.25	86.40		86.49	0.001619	1.32	63.28	32.20	0.30
Fosce_2	62.000	Max WS	IT_TR200_TP01H	70.10	83.25	86.10		86.18	0.001922	1.31	53.62	32.20	0.32
Fosce_2	62.000	Max WS	IT_TR200_TP04H	83.44	83.25	86.39		86.48	0.001616	1.32	63.13	32.20	0.30
Fosce_2	62.000	Max WS	IT_TR200_TP06H	79.75	83.25	86.26		86.36	0.001830	1.35	59.02	32.20	0.32
Fosce_2	62.000	Max WS	IT_TR030_TP01H	59.97	83.25	85.37		85.57	0.008430	1.97	30.40	31.03	0.64
Fosce_2	62.000	Max WS	IT_TR030_TP06H	64.21	83.25	85.68		85.81	0.004100	1.60	40.12	32.20	0.46
Fosce_2	62.000	Max WS	IT_TR030_TP04H	64.39	83.25	85.81		85.91	0.003011	1.46	44.23	32.20	0.40
Fosce_2	62.000	Max WS	IT_TR030_TP03H	64.42	83.25	85.81		85.92	0.002993	1.45	44.32	32.20	0.40
Fosce_2	62.000	Max WS	IT_TR030_TP02H	64.22	83.25	85.68		85.81	0.004086	1.60	40.17	32.20	0.46
Fosce_2	62.000	Max WS	IT_TR030_TP0.5H	49.53	83.25	84.98		85.32	0.016717	2.57	19.27	22.11	0.88
Fosce_2	62.000	Max WS	IT_TR200_TP0.5H	64.13	83.25	85.66		85.79	0.004315	1.62	39.47	32.20	0.47
Fosce_2	60.969	Max WS	IT_TR200_TP02H	70.73	82.65	86.32		86.43	0.001414	1.46	48.39	16.95	0.28</

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
Fosce_2	60.969	Max WS	IT_TR200_TP03H	75.45	82.65	86.35		86.47	0.001556	1.54	48.93	16.95	0.29
Fosce_2	60.969	Max WS	IT_TR200_TP01H	65.27	82.65	86.05		86.16	0.001624	1.49	43.76	16.95	0.30
Fosce_2	60.969	Max WS	IT_TR200_TP04H	74.86	82.65	86.35		86.47	0.001535	1.53	48.89	16.95	0.29
Fosce_2	60.969	Max WS	IT_TR200_TP06H	76.49	82.65	86.19		86.33	0.001908	1.66	46.11	16.95	0.32
Fosce_2	60.969	Max WS	IT_TR030_TP01H	65.14	82.65	85.09		85.38	0.006640	2.37	27.54	16.95	0.59
Fosce_2	60.969	Max WS	IT_TR030_TP06H	69.26	82.65	85.49		85.70	0.003816	2.02	34.32	16.95	0.45
Fosce_2	60.969	Max WS	IT_TR030_TP04H	68.01	82.65	85.67		85.83	0.002860	1.82	37.28	16.95	0.39
Fosce_2	60.969	Max WS	IT_TR030_TP03H	67.98	82.65	85.67		85.84	0.002840	1.82	37.36	16.95	0.39
Fosce_2	60.969	Max WS	IT_TR030_TP02H	69.26	82.65	85.49		85.70	0.003801	2.02	34.36	16.95	0.45
Fosce_2	60.969	Max WS	IT_TR030_TP0.5H	50.63	82.65	84.78		85.04	0.007786	2.28	22.22	16.85	0.63
Fosce_2	60.969	Max WS	IT_TR200_TP0.5H	69.40	82.65	85.46		85.68	0.004003	2.05	33.83	16.95	0.46
Fosce_2	60	Max WS	IT_TR200_TP02H	136.13	82.53	85.25	85.21	85.99	0.017698	3.80	35.84	22.59	0.74
Fosce_2	60	Max WS	IT_TR200_TP03H	145.41	82.53	85.31	85.28	86.09	0.017854	3.90	37.27	22.59	0.75
Fosce_2	60	Max WS	IT_TR200_TP01H	107.54	82.53	85.05	84.98	85.65	0.016875	3.43	31.31	22.40	0.69
Fosce_2	60	Max WS	IT_TR200_TP04H	144.37	82.53	85.31	85.27	86.08	0.017840	3.89	37.11	22.59	0.75
Fosce_2	60	Max WS	IT_TR200_TP06H	134.25	82.53	85.26	85.20	85.97	0.016883	3.72	36.06	22.59	0.72
Fosce_2	60	Max WS	IT_TR030_TP01H	67.26	82.53	84.74	84.49	85.13	0.013865	2.75	24.47	21.32	0.82
Fosce_2	60	Max WS	IT_TR030_TP06H	82.43	82.53	84.88	84.75	85.34	0.014939	3.01	27.42	22.03	0.86
Fosce_2	60	Max WS	IT_TR030_TP04H	88.76	82.53	84.92	84.81	85.42	0.015521	3.12	28.41	22.14	0.65
Fosce_2	60	Max WS	IT_TR030_TP03H	88.93	82.53	84.92	84.81	85.42	0.015535	3.13	28.44	22.14	0.65
Fosce_2	60	Max WS	IT_TR030_TP02H	82.60	82.53	84.88	84.75	85.34	0.015001	3.01	27.42	22.03	0.86
Fosce_2	60	Max WS	IT_TR030_TP0.5H	50.69	82.53	84.53	84.16	84.84	0.010954	2.49	20.40	17.27	0.73
Fosce_2	60	Max WS	IT_TR200_TP0.5H	81.54	82.53	84.87	84.72	85.32	0.014911	2.99	27.25	22.01	0.86
Fosce_2	50	Max WS	IT_TR200_TP02H	136.19	81.85	85.06	84.64	85.45	0.008086	2.79	48.73	27.79	0.50
Fosce_2	50	Max WS	IT_TR200_TP03H	145.47	81.85	85.08	84.71	85.52	0.008771	2.94	49.52	27.79	0.52
Fosce_2	50	Max WS	IT_TR200_TP01H	107.60	81.85	84.94	84.40	85.23	0.006272	2.36	45.51	27.79	0.43
Fosce_2	50	Max WS	IT_TR200_TP04H	144.43	81.85	85.08	84.70	85.52	0.008693	2.92	49.43	27.79	0.52
Fosce_2	50	Max WS	IT_TR200_TP06H	134.31	81.85	85.05	84.63	85.44	0.007986	2.77	48.50	27.79	0.49
Fosce_2	50	Max WS	IT_TR030_TP01H	67.29	81.85	84.66	83.94	84.82	0.004413	1.78	37.75	27.49	0.34
Fosce_2	50	Max WS	IT_TR030_TP06H	82.41	81.85	84.79	84.15	85.00	0.004961	1.99	41.44	27.79	0.37
Fosce_2	50	Max WS	IT_TR030_TP04H	88.81	81.85	84.84	84.22	85.06	0.005264	2.08	42.63	27.79	0.38
Fosce_2	50	Max WS	IT_TR030_TP03H	88.98	81.85	84.84	84.22	85.06	0.005271	2.09	42.66	27.79	0.39
Fosce_2	50	Max WS	IT_TR030_TP02H	82.65	81.85	84.79	84.15	85.00	0.004989	1.99	41.44	27.79	0.37
Fosce_2	50	Max WS	IT_TR030_TP0.5H	50.76	81.85	84.47	83.68	84.59	0.003660	1.55	32.69	25.48	0.44
Fosce_2	50	Max WS	IT_TR200_TP0.5H	81.59	81.85	84.79	84.14	84.99	0.004943	1.98	41.23	27.79	0.37
Fosce_2	49.99			Lat Struct									
Fosce_2	49.98			Lat Struct									
Fosce_2	40	Max WS	IT_TR200_TP02H	131.81	81.87	84.92		85.35	0.011055	2.89	45.57	31.49	0.77
Fosce_2	40	Max WS	IT_TR200_TP03H	140.26	81.87	84.95		85.41	0.011743	3.01	46.54	31.62	0.79
Fosce_2	40	Max WS	IT_TR200_TP01H	105.67	81.87	84.80		85.13	0.009192	2.52	41.86	31.01	0.69
Fosce_2	40	Max WS	IT_TR200_TP04H	139.31	81.87	84.95		85.41	0.011665	3.00	46.43	31.60	0.79
Fosce_2	40	Max WS	IT_TR200_TP06H	130.07	81.87	84.91		85.33	0.010966	2.87	45.29	31.46	0.76
Fosce_2	40	Max WS	IT_TR030_TP01H	67.34	81.87	84.53		84.74	0.007273	2.00	33.71	29.97	0.60
Fosce_2	40	Max WS	IT_TR030_TP06H	82.19	81.87	84.66		84.91	0.007756	2.19	37.59	30.54	0.63
Fosce_2	40	Max WS	IT_TR030_TP04H	88.19	81.87	84.70		84.96	0.008055	2.27	38.83	30.61	0.64
Fosce_2	40	Max WS	IT_TR030_TP03H	88.35	81.87	84.70		84.97	0.008067	2.27	38.86	30.61	0.64
Fosce_2	40	Max WS	IT_TR030_TP02H	82.34	81.87	84.66		84.91	0.007791	2.19	37.58	30.54	0.63
Fosce_2	40	Max WS	IT_TR030_TP0.5H	50.80	81.87	84.35		84.51	0.007152	1.80	28.25	29.09	0.58
Fosce_2	40	Max WS	IT_TR200_TP0.5H	81.32	81.87	84.65		84.90	0.007746	2.18	37.36	30.53	0.63
Fosce_2	37.500*	Max WS	IT_TR200_TP02H	121.91	82.04	84.50		84.97	0.014045	3.03	40.23	30.81	0.85
Fosce_2	37.500*	Max WS	IT_TR200_TP03H	128.71	82.04	84.54		85.03	0.014448	3.12	41.24	30.81	0.86
Fosce_2	37.500*	Max WS	IT_TR200_TP01H	100.88	82.04	84.38		84.77	0.012716	2.77	36.36	29.60	0.80
Fosce_2	37.500*	Max WS	IT_TR200_TP04H	127.95	82.04	84.53		85.03	0.014404	3.11	41.13	30.81	0.86
Fosce_2	37.500*	Max WS	IT_TR200_TP06H	120.39	82.04	84.50		84.96	0.013831	3.00	40.11	30.81	0.84
Fosce_2	37.500*	Max WS	IT_TR030_TP01H	67.27	82.04	84.11		84.39	0.012082	2.36	28.50	28.72	0.76
Fosce_2	37.500*	Max WS	IT_TR030_TP06H	80.97	82.04	84.22		84.55	0.012306	2.54	31.89	29.09	0.77
Fosce_2	37.500*	Max WS	IT_TR030_TP04H	86.22	82.04	84.26		84.61	0.012530	2.61	33.01	29.22	0.78
Fosce_2	37.500*	Max WS	IT_TR030_TP03H	86.36	82.04	84.26		84.61	0.012528	2.61	33.05	29.22	0.78
Fosce_2	37.500*	Max WS	IT_TR030_TP02H	81.10	82.04	84.22		84.55	0.012356	2.54	31.88	29.09	0.78
Fosce_2	37.500*	Max WS	IT_TR030_TP0.5H	50.91	82.04	83.91		84.16	0.012556	2.22	22.94	26.19	0.76
Fosce_2	37.500*	Max WS	IT_TR200_TP0.5H	80.20	82.04	84.22		84.54	0.012330	2.53	31.68	29.07	0.77
Fosce_2	35.000*	Max WS	IT_TR200_TP02H	113.90	81.88	84.16		84.58	0.011221	2.88	39.59	27.80	0.77
Fosce_2	35.000*	Max WS	IT_TR200_TP03H	119.48	81.88	84.20		84.64	0.011173	2.93	40.84	27.80	0.77
Fosce_2	35.000*	Max WS	IT_TR200_TP01H	96.60	81.88	84.01		84.39	0.010828	2.72	35.56	26.70	0.75
Fosce_2	35.000*	Max WS	IT_TR200_TP04H	118.87	81.88	84.20		84.63	0.011177	2.92	40.71	27.80	0.77
Fosce_2	35.000*	Max WS	IT_TR200_TP06H	112.52	81.88	84.15		84.57	0.011147	2.86	39.37	27.80	0.77
Fosce_2	35.000*	Max WS	IT_TR030_TP01H	67.14	81.88	83.74		84.02	0.009190	2.33	28.86	24.18	0.68
Fosce_2	35.000*	Max WS	IT_TR030_TP06H	79.40	81.88	83.86		84.18	0.009551	2.50	31.74	24.48	0.70
Fosce_2	35.000*	Max WS	IT_TR030_TP04H	84.07	81.88	83.90		84.24	0.009865	2.58	32.62	24.63	0.72
Fosce_2	35.000*	Max WS	IT_TR030_TP03H	84.17	81.88	83.90		84.24	0.009868	2.58	32.64	24.63	0.72
Fosce_2	35.000*	Max WS	IT_TR030_TP02H	79.55	81.88	83.86		84.18	0.009620	2.51	31.70	24.48	0.70
Fosce_2	35.000*	Max WS	IT_TR030_TP0.5H	51.01	81.88	83.54		83.77	0.009413	2.12	24.04	23.68	0.67
Fosce_2	35.000*	Max WS	IT_TR200_TP0.5H	78.75	81.88	83.85		84.17	0.009587	2.50	31.53	24.45	0.70
Fosce_2	32.500*	Max WS	IT_TR200_TP02H	104.09	81.59	84.05		84.29	0.005272	2.16	48.13	29.33	0.54
Fosce_2	32.500*	Max WS	IT_TR200_TP03H	108.89	81.59	84.11		84.35	0.005167	2.19	49.82	29.33	0.54
Fosce_2	32.500*	Max WS	IT_TR200_TP01H	90.66	81.59	83.85		84.09	0.006073	2.15	42.24	29.33	0.57
Fosce_2	32.500*	Max WS	IT_TR200_TP04H	108.36	81.59	84.10		84.35	0.005176	2.18	49.64	29.33	0.54
Fosce_2	32.500*	Max WS	IT_TR200_TP06H	102.84	81.59	84.04		84.28	0.005279	2.15	47.74	29.33	0.54
Fosce_2	32.500*	Max WS	IT_TR030_TP01H	67.08	81.59	83.50		83.72	0.007092	2.09	32.14	26.41	0.60
Fosce_2	32.500*	Max WS	IT_TR030_TP06H	78.01	81.59	83.63		83.87	0.007373	2.18	35.75	28.21	0.62
Fosce_2	32.500*	Max WS	IT_TR030_TP04H	81.73	81.59	83.68		83.93	0.007113	2.19	37.32	28.46	0.61
Fosce_2	32.500*	Max WS	IT_TR030_TP03H	81.83	81.59	83.68		83.93	0.007106	2.19	37.36	28.47	0.61
Fosce_2	32.500*	Max WS	IT_TR030_TP02H	78.19	81.59	83.62		83.87	0.007435	2.19	35.70	28.20	0.62
Fosce_2	32.500*	Max WS	IT_TR030_TP0.5H	51.12	81.59	83.31		83.48	0.005954	1.85	27.57	23.76	0.55
Fosce_2	32.500*	Max WS	IT_TR200_TP0.5H	77.36	81.59	83.61		83.86	0.007453	2.18	35.42	28.15	0.62

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
Fosce_2	30	Max WS	IT_TR200_TP02H	92.95	81.36	84.01		84.16	0.003060	1.75	53.01	29.24	0.42
Fosce_2	30	Max WS	IT_TR200_TP03H	97.01	81.36	84.07		84.23	0.002983	1.77	54.89	29.24	0.41
Fosce_2	30	Max WS	IT_TR200_TP01H	81.25	81.36	83.78		83.94	0.003593	1.75	46.33	29.24	0.44
Fosce_2	30	Max WS	IT_TR200_TP04H	96.55	81.36	84.07		84.22	0.002989	1.77	54.70	29.24	0.41
Fosce_2	30	Max WS	IT_TR200_TP06H	91.85	81.36	83.99		84.15	0.003064	1.75	52.59	29.24	0.42
Fosce_2	30	Max WS	IT_TR030_TP01H	64.88	81.36	83.28		83.49	0.006514	2.00	32.42	26.74	0.58
Fosce_2	30	Max WS	IT_TR030_TP06H	71.89	81.36	83.48		83.67	0.004969	1.90	37.81	27.28	0.52
Fosce_2	30	Max WS	IT_TR030_TP04H	74.29	81.36	83.56		83.74	0.004686	1.86	40.03	28.63	0.50
Fosce_2	30	Max WS	IT_TR030_TP03H	74.35	81.36	83.56		83.74	0.004677	1.85	40.08	28.64	0.50
Fosce_2	30	Max WS	IT_TR030_TP02H	71.95	81.36	83.48		83.67	0.004981	1.90	37.80	27.28	0.52
Fosce_2	30	Max WS	IT_TR030_TP0.5H	51.11	81.36	83.10		83.28	0.006084	1.85	27.59	24.37	0.56
Fosce_2	30	Max WS	IT_TR200_TP0.5H	71.52	81.36	83.47		83.65	0.005123	1.92	37.31	27.23	0.52
Fosce_2	29.286	Max WS	IT_TR200_TP02H	91.61	81.62	84.00		84.16	0.003049	1.75	52.21	28.70	0.42
Fosce_2	29.286	Max WS	IT_TR200_TP03H	95.48	81.62	84.07		84.23	0.002960	1.77	54.09	28.70	0.41
Fosce_2	29.286	Max WS	IT_TR200_TP01H	80.28	81.62	83.77		83.93	0.003619	1.76	45.54	28.70	0.45
Fosce_2	29.286	Max WS	IT_TR200_TP04H	95.04	81.62	84.06		84.22	0.002967	1.76	53.90	28.70	0.41
Fosce_2	29.286	Max WS	IT_TR200_TP06H	90.54	81.62	83.99		84.14	0.003054	1.75	51.80	28.70	0.42
Fosce_2	29.286	Max WS	IT_TR030_TP01H	64.45	81.62	83.24		83.47	0.007998	2.11	30.61	27.41	0.64
Fosce_2	29.286	Max WS	IT_TR030_TP06H	71.14	81.62	83.47		83.66	0.005503	1.93	36.86	28.19	0.54
Fosce_2	29.286	Max WS	IT_TR030_TP04H	73.46	81.62	83.55		83.73	0.004858	1.87	39.19	28.44	0.51
Fosce_2	29.286	Max WS	IT_TR030_TP03H	73.52	81.62	83.55		83.73	0.004846	1.87	39.24	28.44	0.51
Fosce_2	29.286	Max WS	IT_TR030_TP02H	71.21	81.62	83.47		83.66	0.005523	1.93	36.84	28.19	0.54
Fosce_2	29.286	Max WS	IT_TR030_TP0.5H	51.08	81.62	83.04		83.25	0.009311	2.04	25.08	26.67	0.67
Fosce_2	29.286	Max WS	IT_TR200_TP0.5H	70.82	81.62	83.45		83.64	0.005720	1.95	36.29	28.13	0.55
Fosce_2	28.571	Max WS	IT_TR200_TP02H	90.13	81.64	84.01		84.15	0.002758	1.70	53.07	28.20	0.40
Fosce_2	28.571	Max WS	IT_TR200_TP03H	93.82	81.64	84.07		84.22	0.002677	1.71	54.94	28.20	0.39
Fosce_2	28.571	Max WS	IT_TR200_TP01H	78.96	81.64	83.77		83.92	0.003201	1.70	46.51	28.01	0.42
Fosce_2	28.571	Max WS	IT_TR200_TP04H	93.41	81.64	84.07		84.21	0.002684	1.71	54.74	28.20	0.39
Fosce_2	28.571	Max WS	IT_TR200_TP06H	89.07	81.64	83.99		84.14	0.002761	1.69	52.65	28.20	0.40
Fosce_2	28.571	Max WS	IT_TR030_TP01H	63.47	81.64	83.24		83.45	0.006836	1.99	31.84	27.24	0.59
Fosce_2	28.571	Max WS	IT_TR030_TP06H	69.78	81.64	83.47		83.64	0.004672	1.83	38.12	27.58	0.50
Fosce_2	28.571	Max WS	IT_TR030_TP04H	72.08	81.64	83.55		83.72	0.004155	1.78	40.39	27.70	0.47
Fosce_2	28.571	Max WS	IT_TR030_TP03H	72.14	81.64	83.56		83.72	0.004145	1.78	40.44	27.70	0.47
Fosce_2	28.571	Max WS	IT_TR030_TP02H	69.90	81.64	83.47		83.64	0.004697	1.83	38.10	27.58	0.50
Fosce_2	28.571	Max WS	IT_TR030_TP0.5H	50.62	81.64	83.03		83.22	0.008123	1.94	26.07	26.64	0.63
Fosce_2	28.571	Max WS	IT_TR200_TP0.5H	69.55	81.64	83.45		83.63	0.004870	1.85	37.54	27.55	0.51
Fosce_2	27.857	Max WS	IT_TR200_TP02H	87.94	81.61	84.02		84.15	0.002202	1.57	56.03	27.68	0.35
Fosce_2	27.857	Max WS	IT_TR200_TP03H	91.49	81.61	84.09		84.21	0.002151	1.58	57.87	27.68	0.35
Fosce_2	27.857	Max WS	IT_TR200_TP01H	76.77	81.61	83.79		83.91	0.002460	1.55	49.65	27.68	0.37
Fosce_2	27.857	Max WS	IT_TR200_TP04H	91.11	81.61	84.08		84.21	0.002156	1.58	57.68	27.68	0.35
Fosce_2	27.857	Max WS	IT_TR200_TP06H	86.89	81.61	84.01		84.13	0.002199	1.56	55.62	27.68	0.35
Fosce_2	27.857	Max WS	IT_TR030_TP01H	61.55	81.61	83.27		83.42	0.004680	1.75	35.22	27.36	0.49
Fosce_2	27.857	Max WS	IT_TR030_TP06H	67.53	81.61	83.49		83.63	0.003376	1.63	41.47	27.68	0.42
Fosce_2	27.857	Max WS	IT_TR030_TP04H	69.80	81.61	83.57		83.71	0.003054	1.60	43.69	27.68	0.41
Fosce_2	27.857	Max WS	IT_TR030_TP03H	69.86	81.61	83.58		83.71	0.003050	1.60	43.73	27.68	0.41
Fosce_2	27.857	Max WS	IT_TR030_TP02H	67.70	81.61	83.49		83.63	0.003404	1.63	41.43	27.68	0.43
Fosce_2	27.857	Max WS	IT_TR030_TP0.5H	49.33	81.61	83.05		83.19	0.005258	1.68	29.35	26.57	0.51
Fosce_2	27.857	Max WS	IT_TR200_TP0.5H	67.41	81.61	83.47		83.61	0.003524	1.65	40.87	27.68	0.43
Fosce_2	27.143	Max WS	IT_TR200_TP02H	89.42	81.51	84.01		84.14	0.002195	1.58	56.66	27.16	0.35
Fosce_2	27.143	Max WS	IT_TR200_TP03H	93.02	81.51	84.07		84.20	0.002152	1.59	58.46	27.16	0.35
Fosce_2	27.143	Max WS	IT_TR200_TP01H	77.89	81.51	83.78		83.90	0.002405	1.54	50.44	27.16	0.36
Fosce_2	27.143	Max WS	IT_TR200_TP04H	92.64	81.51	84.07		84.20	0.002157	1.59	58.27	27.16	0.35
Fosce_2	27.143	Max WS	IT_TR200_TP06H	88.37	81.51	83.99		84.12	0.002192	1.57	56.26	27.16	0.35
Fosce_2	27.143	Max WS	IT_TR030_TP01H	60.82	81.51	83.27		83.41	0.004081	1.66	36.59	27.16	0.46
Fosce_2	27.143	Max WS	IT_TR030_TP06H	67.39	81.51	83.49		83.62	0.003078	1.58	42.61	27.16	0.40
Fosce_2	27.143	Max WS	IT_TR030_TP04H	70.06	81.51	83.57		83.69	0.002852	1.57	44.72	27.16	0.39
Fosce_2	27.143	Max WS	IT_TR030_TP03H	70.12	81.51	83.57		83.70	0.002848	1.57	44.76	27.16	0.39
Fosce_2	27.143	Max WS	IT_TR030_TP02H	67.57	81.51	83.49		83.62	0.003104	1.59	42.57	27.16	0.40
Fosce_2	27.143	Max WS	IT_TR030_TP0.5H	48.84	81.51	83.05		83.18	0.004685	1.60	30.59	27.16	0.48
Fosce_2	27.143	Max WS	IT_TR200_TP0.5H	67.22	81.51	83.47		83.60	0.003200	1.60	42.03	27.16	0.41
Fosce_2	26.429	Max WS	IT_TR200_TP02H	94.38	81.67	83.93		84.11	0.003296	1.85	51.06	26.62	0.43
Fosce_2	26.429	Max WS	IT_TR200_TP03H	98.24	81.67	84.00		84.17	0.003207	1.86	52.83	26.62	0.42
Fosce_2	26.429	Max WS	IT_TR200_TP01H	82.28	81.67	83.70		83.87	0.003771	1.83	44.88	26.62	0.45
Fosce_2	26.429	Max WS	IT_TR200_TP04H	97.83	81.67	83.99		84.17	0.003217	1.86	52.64	26.62	0.42
Fosce_2	26.429	Max WS	IT_TR200_TP06H	93.32	81.67	83.92		84.09	0.003300	1.84	50.68	26.62	0.43
Fosce_2	26.429	Max WS	IT_TR030_TP01H	61.58	81.67	83.19		83.38	0.006758	1.97	31.20	26.62	0.58
Fosce_2	26.429	Max WS	IT_TR030_TP06H	69.64	81.67	83.41		83.59	0.004878	1.87	37.29	26.62	0.50
Fosce_2	26.429	Max WS	IT_TR030_TP04H	73.07	81.67	83.49		83.67	0.004555	1.86	39.26	26.62	0.49
Fosce_2	26.429	Max WS	IT_TR030_TP03H	73.15	81.67	83.49		83.67	0.004547	1.86	39.31	26.62	0.49
Fosce_2	26.429	Max WS	IT_TR030_TP02H	69.83	81.67	83.41		83.59	0.004932	1.88	37.22	26.62	0.51
Fosce_2	26.429	Max WS	IT_TR030_TP0.5H	49.43	81.67	82.95		83.15	0.007960	1.96	25.24	24.93	0.62
Fosce_2	26.429	Max WS	IT_TR200_TP0.5H	69.30	81.67	83.39		83.57	0.005088	1.89	36.69	26.62	0.51
Fosce_2	25.714	Max WS	IT_TR200_TP02H	99.26	81.49	83.85		84.07	0.004350	2.07	48.02	26.09	0.49
Fosce_2	25.714	Max WS	IT_TR200_TP03H	103.36	81.49	83.92		84.14	0.004221	2.08	49.74	26.09	0.48
Fosce_2	25.714	Max WS	IT_TR200_TP01H	86.61	81.49	83.61		83.83	0.005149	2.07	41.79	26.09	0.52
Fosce_2	25.714	Max WS	IT_TR200_TP04H	102.91	81.49	83.91		84.13	0.004233	2.08	49.56	26.09	0.48
Fosce_2	25.714	Max WS	IT_TR200_TP06H	98.17	81.49	83.84		84.06	0.004364	2.06	47.64	26.09	0.49
Fosce_2	25.714	Max WS	IT_TR030_TP01H	62.34	81.49	83.13		83.36	0.007014	2.11	29.61	23.36	0.60
Fosce_2	25.714	Max WS	IT_TR030_TP06H	72.09	81.49	83.33		83.56	0.006583	2.09	34.49	26.09	0.58
Fosce_2	25.714	Max WS	IT_TR030_TP04H	76.02	81.49	83.41		83.63	0.006187	2.09	36.35	26.09	0.57
Fosce_2	25.714	Max WS	IT_TR030_TP03H	76.12	81.49	83.41		83.63	0.006176	2.09	36.40	26.09	0.57
Fosce_2	25.714	Max WS	IT_TR030_TP02H	72.16	81.49	83.33		83.56	0.006606	2.09	34.48	26.09	0.58
Fosce_2	25.714	Max WS	IT_TR030_TP0.5H	49.93	81.49	82.91		83.12	0.008285	2.04	24.42	23.07	0.63
Fosce_2	25.714	Max WS	IT_TR200_TP0.5H	71.38	81.49	83.32		83.54	0.006764	2.10	33.99	26.09	0.59
Fosce_2	25	Max WS	IT_TR200_TP02H	106.58	81.54	83.78		84.02	0.004696	2.19	48.63	25.60	0.51
Fosce_2	25	Max WS	IT_TR200_TP03H	111.21	81.54	83.84		84.09	0.004623	2.21	50.22	25.60	0.50
Fosce_2	25	Max WS	IT_TR200_TP01H	92.65	81.54	83.54							

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
Fosce_2	25	Max WS	IT_TR200_TP04H	110.65	81.54	83.83		84.08	0.004621	2.21	50.06	25.60	0.50
Fosce_2	25	Max WS	IT_TR200_TP06H	105.47	81.54	83.76		84.01	0.004708	2.18	48.28	25.60	0.51
Fosce_2	25	Max WS	IT_TR030_TP01H	63.57	81.54	83.12		83.32	0.006312	2.00	31.77	25.03	0.57
Fosce_2	25	Max WS	IT_TR030_TP06H	75.09	81.54	83.30		83.52	0.005813	2.06	36.47	25.60	0.55
Fosce_2	25	Max WS	IT_TR030_TP04H	79.77	81.54	83.37		83.59	0.005661	2.09	38.20	25.60	0.55
Fosce_2	25	Max WS	IT_TR030_TP03H	79.88	81.54	83.37		83.59	0.005659	2.09	38.23	25.60	0.55
Fosce_2	25	Max WS	IT_TR030_TP02H	75.14	81.54	83.30		83.52	0.005808	2.06	36.49	25.60	0.55
Fosce_2	25	Max WS	IT_TR030_TP0.5H	50.62	81.54	82.90		83.08	0.006989	1.92	26.39	24.13	0.59
Fosce_2	25	Max WS	IT_TR200_TP0.5H	74.16	81.54	83.29		83.50	0.005844	2.05	36.13	25.60	0.55
Fosce_3	22	Max WS	IT_TR200_TP02H	109.54	81.06	83.19		83.84	0.014929	3.56	30.77	17.55	0.86
Fosce_3	22	Max WS	IT_TR200_TP03H	114.12	81.06	83.22		83.90	0.015336	3.64	31.32	17.55	0.87
Fosce_3	22	Max WS	IT_TR200_TP01H	87.54	81.06	83.08		83.55	0.011690	3.04	28.82	17.55	0.76
Fosce_3	22	Max WS	IT_TR200_TP04H	113.65	81.06	83.22		83.89	0.015266	3.63	31.29	17.55	0.87
Fosce_3	22	Max WS	IT_TR200_TP06H	108.50	81.06	83.19		83.82	0.014669	3.53	30.76	17.55	0.85
Fosce_3	22	Max WS	IT_TR030_TP01H	63.49	81.06	82.86		83.19	0.009538	2.53	25.05	17.55	0.68
Fosce_3	22	Max WS	IT_TR030_TP06H	70.24	81.06	83.00		83.33	0.008843	2.57	27.37	17.55	0.66
Fosce_3	22	Max WS	IT_TR030_TP04H	81.36	81.06	83.00		83.45	0.011864	2.97	27.37	17.55	0.76
Fosce_3	22	Max WS	IT_TR030_TP03H	81.48	81.06	83.00		83.45	0.011900	2.98	27.37	17.55	0.76
Fosce_3	22	Max WS	IT_TR030_TP02H	73.25	81.06	82.98		83.35	0.009916	2.70	27.10	17.55	0.69
Fosce_3	22	Max WS	IT_TR030_TP0.5H	48.88	81.06	82.74		82.97	0.007571	2.14	22.83	17.55	0.60
Fosce_3	22	Max WS	IT_TR200_TP0.5H	71.96	81.06	82.99		83.34	0.009470	2.65	27.20	17.55	0.68
Fosce_3	21.99			Lat Struct									
Fosce_3	21.98			Lat Struct									
Fosce_3	21.600	Max WS	IT_TR200_TP02H	105.53	81.00	83.29		83.81	0.011024	3.17	33.28	17.97	0.74
Fosce_3	21.600	Max WS	IT_TR200_TP03H	110.07	81.00	83.33		83.86	0.011327	3.25	33.90	17.97	0.76
Fosce_3	21.600	Max WS	IT_TR200_TP01H	83.63	81.00	83.17		83.54	0.008581	2.69	31.05	17.97	0.65
Fosce_3	21.600	Max WS	IT_TR200_TP04H	109.58	81.00	83.32		83.86	0.011266	3.24	33.86	17.97	0.75
Fosce_3	21.600	Max WS	IT_TR200_TP06H	104.52	81.00	83.27		83.79	0.011220	3.18	32.88	17.97	0.75
Fosce_3	21.600	Max WS	IT_TR030_TP01H	61.05	81.00	82.90		83.18	0.007758	2.33	26.22	17.97	0.62
Fosce_3	21.600	Max WS	IT_TR030_TP06H	69.93	81.00	83.03		83.34	0.007746	2.44	28.61	17.97	0.62
Fosce_3	21.600	Max WS	IT_TR030_TP04H	73.19	81.00	83.07		83.39	0.007941	2.50	29.22	17.97	0.63
Fosce_3	21.600	Max WS	IT_TR030_TP03H	75.00	81.00	83.06		83.40	0.008384	2.57	29.18	17.97	0.64
Fosce_3	21.600	Max WS	IT_TR030_TP02H	66.80	81.00	83.03		83.31	0.007085	2.34	28.59	17.97	0.59
Fosce_3	21.600	Max WS	IT_TR030_TP0.5H	47.23	81.00	82.76		82.96	0.006447	2.00	23.63	17.97	0.56
Fosce_3	21.600	Max WS	IT_TR200_TP0.5H	69.26	81.00	83.03		83.33	0.007631	2.42	28.57	17.97	0.61
Fosce_3	21.200	Max WS	IT_TR200_TP02H	100.43	80.96	83.40		83.79	0.007701	2.77	36.28	18.41	0.63
Fosce_3	21.200	Max WS	IT_TR200_TP03H	104.79	80.96	83.44		83.85	0.007872	2.83	37.03	18.41	0.64
Fosce_3	21.200	Max WS	IT_TR200_TP01H	77.05	80.96	83.26		83.53	0.005684	2.28	33.72	18.41	0.54
Fosce_3	21.200	Max WS	IT_TR200_TP04H	104.30	80.96	83.44		83.84	0.007832	2.82	36.98	18.41	0.64
Fosce_3	21.200	Max WS	IT_TR200_TP06H	99.59	80.96	83.37		83.77	0.007887	2.78	35.81	18.41	0.64
Fosce_3	21.200	Max WS	IT_TR030_TP01H	58.27	80.96	82.94		83.17	0.005871	2.09	27.90	18.41	0.54
Fosce_3	21.200	Max WS	IT_TR030_TP06H	63.32	80.96	83.10		83.32	0.005081	2.05	30.82	18.41	0.51
Fosce_3	21.200	Max WS	IT_TR030_TP04H	67.62	80.96	83.15		83.38	0.005298	2.13	31.71	18.41	0.52
Fosce_3	21.200	Max WS	IT_TR030_TP03H	73.57	80.96	83.12		83.41	0.006583	2.36	31.23	18.41	0.58
Fosce_3	21.200	Max WS	IT_TR030_TP02H	62.80	80.96	83.10		83.31	0.005020	2.04	30.77	18.41	0.50
Fosce_3	21.200	Max WS	IT_TR030_TP0.5H	45.48	80.96	82.78		82.95	0.005149	1.83	24.85	18.41	0.50
Fosce_3	21.200	Max WS	IT_TR200_TP0.5H	64.83	80.96	83.11		83.33	0.005249	2.09	30.96	18.41	0.52
Fosce_3	20.800	Max WS	IT_TR200_TP02H	96.47	80.98	83.42		83.80	0.007579	2.71	35.55	18.85	0.63
Fosce_3	20.800	Max WS	IT_TR200_TP03H	100.62	80.98	83.47		83.86	0.007678	2.77	36.38	18.85	0.64
Fosce_3	20.800	Max WS	IT_TR200_TP01H	82.14	80.98	83.26		83.58	0.007290	2.53	32.46	18.85	0.62
Fosce_3	20.800	Max WS	IT_TR200_TP04H	100.13	80.98	83.46		83.85	0.007638	2.76	36.32	18.85	0.63
Fosce_3	20.800	Max WS	IT_TR200_TP06H	95.78	80.98	83.39		83.77	0.007834	2.74	35.01	18.85	0.64
Fosce_3	20.800	Max WS	IT_TR030_TP01H	56.59	80.98	82.92		83.16	0.006793	2.16	26.15	18.80	0.59
Fosce_3	20.800	Max WS	IT_TR030_TP06H	65.27	80.98	83.10		83.35	0.006190	2.21	29.52	18.85	0.56
Fosce_3	20.800	Max WS	IT_TR030_TP04H	66.06	80.98	83.14		83.38	0.005888	2.19	30.23	18.85	0.55
Fosce_3	20.800	Max WS	IT_TR030_TP03H	70.78	80.98	83.13		83.41	0.006949	2.36	29.96	18.85	0.60
Fosce_3	20.800	Max WS	IT_TR030_TP02H	62.17	80.98	83.08		83.31	0.005933	2.14	29.01	18.85	0.55
Fosce_3	20.800	Max WS	IT_TR030_TP0.5H	44.54	80.98	82.75		82.94	0.006308	1.95	22.87	18.37	0.56
Fosce_3	20.800	Max WS	IT_TR200_TP0.5H	62.73	80.98	83.09		83.32	0.005910	2.15	29.21	18.85	0.55
Fosce_3	20.400	Max WS	IT_TR200_TP02H	94.77	80.92	83.12		83.78	0.016852	3.61	26.24	16.83	0.92
Fosce_3	20.400	Max WS	IT_TR200_TP03H	98.74	80.92	83.16		83.85	0.016865	3.66	26.97	16.93	0.93
Fosce_3	20.400	Max WS	IT_TR200_TP01H	70.66	80.92	83.15		83.51	0.008799	2.64	26.80	16.90	0.67
Fosce_3	20.400	Max WS	IT_TR200_TP04H	98.34	80.92	83.16		83.84	0.016862	3.66	26.90	16.92	0.93
Fosce_3	20.400	Max WS	IT_TR200_TP06H	94.23	80.92	83.15		83.78	0.015803	3.53	26.71	16.89	0.90
Fosce_3	20.400	Max WS	IT_TR030_TP01H	55.85	80.92	82.72		83.13	0.013631	2.83	19.75	15.93	0.81
Fosce_3	20.400	Max WS	IT_TR030_TP06H	55.19	80.92	83.07		83.31	0.006227	2.17	25.49	16.74	0.56
Fosce_3	20.400	Max WS	IT_TR030_TP04H	59.52	80.92	83.06		83.34	0.007484	2.36	25.21	16.71	0.61
Fosce_3	20.400	Max WS	IT_TR030_TP03H	60.79	80.92	82.98		83.31	0.009206	2.55	23.85	16.53	0.68
Fosce_3	20.400	Max WS	IT_TR030_TP02H	55.82	80.92	83.04		83.29	0.006875	2.25	24.84	16.66	0.59
Fosce_3	20.400	Max WS	IT_TR030_TP0.5H	43.97	80.92	82.61		82.92	0.011120	2.45	17.97	15.56	0.73
Fosce_3	20.400	Max WS	IT_TR200_TP0.5H	59.97	80.92	83.02		83.32	0.008215	2.44	24.56	16.62	0.64
Fosce_3	20	Max WS	IT_TR200_TP02H	-14.25	80.86	83.56	81.67	83.57	0.000133	-0.39	37.02	16.91	0.08
Fosce_3	20	Max WS	IT_TR200_TP03H	40.28	80.86	83.34	82.13	83.41	0.001470	1.21	33.25	16.91	0.28
Fosce_3	20	Max WS	IT_TR200_TP01H	50.14	80.86	83.54	82.27	83.64	0.001683	1.37	36.70	16.91	0.30
Fosce_3	20	Max WS	IT_TR200_TP04H	96.85	80.86	83.27	82.86	83.74	0.009388	3.01	32.18	16.91	0.70
Fosce_3	20	Max WS	IT_TR200_TP06H	46.55	80.86	83.31	82.22	83.41	0.002053	1.42	32.76	16.91	0.33
Fosce_3	20	Max WS	IT_TR030_TP01H	55.31	80.86	82.80	82.34	83.07	0.007197	2.28	24.24	16.47	0.60
Fosce_3	20	Max WS	IT_TR030_TP06H	33.97	80.86	83.47	82.03	83.52	0.000851	0.96	35.57	16.91	0.21
Fosce_3	20	Max WS	IT_TR030_TP04H	40.76	80.86	83.45	82.14	83.52	0.001263	1.16	35.20	16.91	0.26
Fosce_3	20	Max WS	IT_TR030_TP03H	34.95	80.86	83.57	82.05	83.62	0.000786	0.94	37.19	16.91	0.20
Fosce_3	20	Max WS	IT_TR030_TP02H	35.43	80.86	83.45	82.05	83.50	0.000958	1.01	35.16	16.91	0.22
Fosce_3	20	Max WS	IT_TR030_TP0.5H	43.49	80.86	82.67	82.18	82.87	0.005895	1.97	22.06	16.18	0.54
Fosce_3	20	Max WS	IT_TR200_TP0.5H	38.95	80.86	83.40	82.11	83.46	0.001252	1.14	34.28	16.91	0.25