

ALLEGATO 2
TABELLE MODELLO IDRAULICO

HEC-RAS Profile: Max WS

River	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
Fiumenta	Fiumenta monte	116	Max WS	TR30_01h	3.32	303.01	303.30		303.37	0.017230	1.22	2.73	11.97	0.81
Fiumenta	Fiumenta monte	116	Max WS	TR30_02h	12.46	303.01	303.52	303.55	303.78	0.026838	2.29	5.44	12.75	1.12
Fiumenta	Fiumenta monte	116	Max WS	TR30_03h	17.95	303.01	303.61	303.68	303.98	0.029919	2.71	6.63	13.08	1.22
Fiumenta	Fiumenta monte	116	Max WS	TR30_04h	20.25	303.01	303.64	303.73	304.06	0.030924	2.86	7.08	13.20	1.25
Fiumenta	Fiumenta monte	116	Max WS	TR30_06h	21.58	303.01	303.66	303.76	304.10	0.031411	2.94	7.34	13.27	1.26
Fiumenta	Fiumenta monte	116	Max WS	TR30_09h	21.02	303.01	303.65	303.75	304.08	0.031186	2.91	7.24	13.24	1.26
Fiumenta	Fiumenta monte	116	Max WS	TR30_12h	19.56	303.01	303.63	303.72	304.04	0.030651	2.82	6.95	13.16	1.24
Fiumenta	Fiumenta monte	116	Max WS	TR200_01h	17.79	303.01	303.61	303.68	303.98	0.029822	2.70	6.59	13.07	1.21
Fiumenta	Fiumenta monte	116	Max WS	TR200_02h	37.89	303.01	303.88	304.06	304.57	0.034236	3.68	10.28	14.03	1.37
Fiumenta	Fiumenta monte	116	Max WS	TR200_03h	44.93	303.01	303.97	304.18	304.74	0.033936	3.90	11.53	14.35	1.39
Fiumenta	Fiumenta monte	116	Max WS	TR200_06h	44.60	303.01	303.96	304.17	304.73	0.033979	3.89	11.47	14.33	1.39
Fiumenta	Fiumenta monte	116	Max WS	TR200_09h	41.23	303.01	303.92	304.12	304.65	0.034153	3.79	10.88	14.18	1.38
Fiumenta	Fiumenta monte	116	Max WS	TR200_12h	37.83	303.01	303.88	304.06	304.57	0.034258	3.68	10.27	14.03	1.37
Fiumenta	Fiumenta monte	111	Max WS	TR30_01h	3.32	298.70	299.21		299.27	0.006526	1.15	2.88	6.14	0.54
Fiumenta	Fiumenta monte	111	Max WS	TR30_02h	12.45	298.70	299.83		299.99	0.006257	1.75	7.12	7.37	0.57
Fiumenta	Fiumenta monte	111	Max WS	TR30_03h	17.94	298.70	300.11		300.31	0.006153	1.94	9.25	7.94	0.57
Fiumenta	Fiumenta monte	111	Max WS	TR30_04h	20.25	298.70	300.22		300.42	0.006111	2.00	10.10	8.15	0.57
Fiumenta	Fiumenta monte	111	Max WS	TR30_06h	21.57	298.70	300.28		300.49	0.006089	2.04	10.58	8.27	0.58
Fiumenta	Fiumenta monte	111	Max WS	TR30_09h	21.02	298.70	300.25		300.46	0.006098	2.02	10.38	8.22	0.58
Fiumenta	Fiumenta monte	111	Max WS	TR30_12h	19.55	298.70	300.19		300.39	0.006122	1.99	9.85	8.09	0.57
Fiumenta	Fiumenta monte	111	Max WS	TR200_01h	17.76	298.70	300.11		300.30	0.006158	1.93	9.18	7.92	0.57
Fiumenta	Fiumenta monte	111	Max WS	TR200_02h	37.88	298.70	300.88		301.17	0.006031	2.38	15.92	9.49	0.59
Fiumenta	Fiumenta monte	111	Max WS	TR200_03h	44.93	298.70	301.06		301.39	0.006111	2.54	17.74	10.71	0.60
Fiumenta	Fiumenta monte	111	Max WS	TR200_06h	44.60	298.70	301.06		301.38	0.006102	2.53	17.66	10.60	0.60
Fiumenta	Fiumenta monte	111	Max WS	TR200_09h	41.22	298.70	300.97		301.28	0.006059	2.45	16.83	9.68	0.59
Fiumenta	Fiumenta monte	111	Max WS	TR200_12h	37.82	298.70	300.88		301.17	0.006025	2.38	15.91	9.49	0.59
Fiumenta	Fiumenta monte	110	Max WS	TR30_01h	3.32	298.68	299.17	299.02	299.24	0.007181	1.19	2.79	6.09	0.56
Fiumenta	Fiumenta monte	110	Max WS	TR30_02h	12.45	298.68	299.80	299.47	299.96	0.006559	1.78	6.99	7.30	0.58
Fiumenta	Fiumenta monte	110	Max WS	TR30_03h	17.94	298.68	300.08	299.68	300.28	0.006409	1.97	9.11	7.87	0.58
Fiumenta	Fiumenta monte	110	Max WS	TR30_04h	20.25	298.68	300.19	299.76	300.40	0.006356	2.03	9.96	8.08	0.59
Fiumenta	Fiumenta monte	110	Max WS	TR30_06h	21.58	298.68	300.24	299.81	300.46	0.006328	2.07	10.43	8.20	0.59
Fiumenta	Fiumenta monte	110	Max WS	TR30_09h	21.03	298.68	300.22	299.79	300.44	0.006340	2.05	10.24	8.15	0.59
Fiumenta	Fiumenta monte	110	Max WS	TR30_12h	19.56	298.68	300.15	299.74	300.36	0.006371	2.02	9.71	8.02	0.59
Fiumenta	Fiumenta monte	110	Max WS	TR200_01h	17.76	298.68	300.07	299.68	300.27	0.006414	1.96	9.04	7.85	0.58
Fiumenta	Fiumenta monte	110	Max WS	TR200_02h	37.88	298.68	300.85	300.27	301.14	0.006228	2.41	15.73	9.42	0.60
Fiumenta	Fiumenta monte	110	Max WS	TR200_03h	44.94	298.68	301.03	300.44	301.37	0.006375	2.57	17.51	10.17	0.61
Fiumenta	Fiumenta monte	110	Max WS	TR200_06h	44.61	298.68	301.02	300.44	301.36	0.006367	2.56	17.43	10.06	0.61
Fiumenta	Fiumenta monte	110	Max WS	TR200_09h	41.23	298.68	300.94	300.36	301.25	0.006307	2.48	16.63	9.61	0.60
Fiumenta	Fiumenta monte	110	Max WS	TR200_12h	37.83	298.68	300.84	300.27	301.14	0.006227	2.41	15.72	9.42	0.60
Fiumenta	Fiumenta monte	109			Inl Struct									
Fiumenta	Fiumenta monte	108	Max WS	TR30_01h	3.32	296.87	297.18	297.21	297.38	0.033444	1.97	1.68	5.44	1.13
Fiumenta	Fiumenta monte	108	Max WS	TR30_02h	12.45	296.87	297.60	297.66	298.10	0.031663	3.12	3.99	5.66	1.19
Fiumenta	Fiumenta monte	108	Max WS	TR30_03h	17.94	296.87	297.79	297.90	298.43	0.032263	3.55	5.05	5.76	1.21
Fiumenta	Fiumenta monte	108	Max WS	TR30_04h	20.25	296.87	297.86	297.99	298.56	0.032558	3.71	5.46	5.80	1.22
Fiumenta	Fiumenta monte	108	Max WS	TR30_06h	21.58	296.87	297.89	298.04	298.63	0.032850	3.80	5.68	5.82	1.23
Fiumenta	Fiumenta monte	108	Max WS	TR30_09h	21.03	296.87	297.88	298.02	298.60	0.032748	3.76	5.59	5.81	1.22
Fiumenta	Fiumenta monte	108	Max WS	TR30_12h	19.56	296.87	297.84	297.97	298.52	0.032357	3.66	5.35	5.79	1.22
Fiumenta	Fiumenta monte	108	Max WS	TR200_01h	17.77	296.87	297.78	297.90	298.42	0.032244	3.54	5.02	5.76	1.21
Fiumenta	Fiumenta monte	108	Max WS	TR200_02h	37.89	296.87	298.33	298.56	299.40	0.033764	4.58	8.27	6.05	1.25
Fiumenta	Fiumenta monte	108	Max WS	TR200_03h	44.94	296.87	298.50	298.75	299.69	0.033652	4.82	9.33	6.14	1.25
Fiumenta	Fiumenta monte	108	Max WS	TR200_06h	44.61	296.87	298.50	298.75	299.67	0.033621	4.80	9.29	6.14	1.25
Fiumenta	Fiumenta monte	108	Max WS	TR200_09h	41.23	296.87	298.42	298.65	299.54	0.033673	4.69	8.78	6.09	1.25
Fiumenta	Fiumenta monte	108	Max WS	TR200_12h	37.83	296.87	298.33	298.56	299.40	0.033737	4.58	8.27	6.05	1.25
Fiumenta	Fiumenta monte	106	Max WS	TR30_01h	3.33	288.06	288.40	288.44	288.58	0.040114	1.89	1.76	7.44	1.24
Fiumenta	Fiumenta monte	106	Max WS	TR30_02h	12.51	288.06	288.73	288.83	289.14	0.032239	2.81	4.45	8.70	1.25
Fiumenta	Fiumenta monte	106	Max WS	TR30_03h	18.10	288.06	288.89	289.00	289.38	0.030341	3.11	5.82	9.28	1.25
Fiumenta	Fiumenta monte	106	Max WS	TR30_04h	20.55	288.06	288.95	289.10	289.47	0.029627	3.21	6.39	9.51	1.25
Fiumenta	Fiumenta monte	106	Max WS	TR30_06h	21.88	288.06	288.98	289.15	289.52	0.029423	3.27	6.69	9.63	1.25
Fiumenta	Fiumenta monte	106	Max WS	TR30_09h	21.37	288.06	288.97	289.12	289.51	0.029482	3.25	6.58	9.58	1.25
Fiumenta	Fiumenta monte	106	Max WS	TR30_12h	19.88	288.06	288.93	289.07	289.45	0.029813	3.19	6.24	9.45	1.25
Fiumenta	Fiumenta monte	106	Max WS	TR200_01h	17.82	288.06	288.88	288.99	289.37	0.030405	3.10	5.76	9.25	1.25
Fiumenta	Fiumenta monte	106	Max WS	TR200_02h	38.09	288.06	289.30	289.46	289.96	0.030098	3.59	10.61	13.55	1.30
Fiumenta	Fiumenta monte	106	Max WS	TR200_03h	45.55	288.06	289.41	289.58	290.14	0.029643	3.79	12.01	13.91	1.30
Fiumenta	Fiumenta monte	106	Max WS	TR200_06h	45.31	288.06	289.40	289.58	290.13	0.029672	3.79	11.96	13.89	1.30
Fiumenta	Fiumenta monte	106	Max WS	TR200_09h	41.88	288.06	289.36	289.53	290.05	0.029862	3.70	11.33	13.73	1.30
Fiumenta	Fiumenta monte	106	Max WS	TR200_12h	38.42	288.06	289.31	289.47	289.97	0.030085	3.60	10.67	13.57	1.30
Fiumenta	Fiumenta monte	101	Max WS	TR30_01h	3.33	284.38	284.77	284.83	285.02	0.048062	2.22	1.50	5.59	1.37
Fiumenta	Fiumenta monte	101	Max WS	TR30_02h	12.54	284.38	285.15	285.31	285.72	0.040627	3.36	3.73	6.25	1.39
Fiumenta	Fiumenta monte	101	Max WS	TR30_03h	18.18	284.38	285.33	285.53	286.03	0.039290	3.70	4.91	6.85	1.40
Fiumenta	Fiumenta monte	101	Max WS	TR30_04h	20.69	284.38	285.41	285.62	286.14	0.039003	3.80	5.44	7.22	1.40
Fiumenta	Fiumenta monte	101	Max WS	TR30_06h	22.03	284.38	285.44	285.66	286.20	0.038875	3.86	5.71	7.41	1.40
Fiumenta	Fiumenta monte	101	Max WS	TR30_09h	21.54	284.38	285.43	285.65	286.18	0.038923	3.84	5.61	7.34	1.40
Fiumenta	Fiumenta monte	101	Max WS	TR30_12h	20.03	284.38	285.39	285.60	286.11	0.039098	3.78	5.30	7.13	1.40
Fiumenta	Fiumenta monte	101	Max WS	TR200_01h	17.85	284.38	285.32	285.52	286.01	0.039248	3.68	4.85	6.80	1.39
Fiumenta	Fiumenta monte	101	Max WS	TR200_02h	38.25	284.38	285.81	286.10	286.78	0.037887	4.36	8.78	9.24	1.43
Fiumenta	Fiumenta monte	101	Max WS	TR200_03h	45.88	284.38	285.95	286.27	287.00	0.037404	4.53	10.12	9.94	1.43
Fiumenta	Fiumenta monte	101	Max WS	TR200_06h	45.67	284.38	285.95	286.26	286.99	0.037472	4.53	10.08	9.92	1.43
Fiumenta	Fiumenta monte	101	Max WS	TR200_09h	42.20	284.38	285.89	286.19	286.90	0.037687	4.45	9.48	9.61	1.43
Fiumenta	Fiumenta monte	101	Max WS	TR200_12h	38.71	284.38	285.82	286.11	286.79	0.037957	4.37	8.85	9.28	1.43
Fiumenta	Fiumenta monte	96	Max WS	TR30_01h	3.49	277.23	277.86		277.98	0.012520	1.55	2.24	5.06	0.75
Fiumenta	Fiumenta monte	96	Max WS	TR30_02h	13.18	277.23	278.39		278.70	0.014812	2.48	5.32	6.55	0.88
Fiumenta	Fiumenta monte	96	Max WS	TR30_03h	19.18	277.23	278.61</							

HEC-RAS Profile: Max WS (Continued)

River	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
Fiumenta	Fiumenta monte	91	Max WS	TR30_02h	13.20	275.56	276.58		276.72	0.005887	1.63	8.11	9.68	0.57
Fiumenta	Fiumenta monte	91	Max WS	TR30_03h	18.66	275.56	277.02		277.12	0.003260	1.43	13.09	11.81	0.43
Fiumenta	Fiumenta monte	91	Max WS	TR30_04h	18.61	275.56	277.01		277.12	0.003243	1.42	13.09	11.81	0.43
Fiumenta	Fiumenta monte	91	Max WS	TR30_06h	18.58	275.56	277.01		277.12	0.003237	1.42	13.09	11.81	0.43
Fiumenta	Fiumenta monte	91	Max WS	TR30_09h	18.53	275.56	277.01		277.12	0.003222	1.42	13.08	11.81	0.43
Fiumenta	Fiumenta monte	91	Max WS	TR30_12h	18.73	275.56	277.01		277.12	0.003293	1.43	13.08	11.81	0.43
Fiumenta	Fiumenta monte	91	Max WS	TR200_01h	18.59	275.56	277.01		277.12	0.003236	1.42	13.09	11.81	0.43
Fiumenta	Fiumenta monte	91	Max WS	TR200_02h	40.76	275.56	277.38		277.66	0.006489	2.34	17.40	12.02	0.62
Fiumenta	Fiumenta monte	91	Max WS	TR200_03h	49.05	275.56	277.55		277.87	0.006666	2.52	19.49	12.12	0.63
Fiumenta	Fiumenta monte	91	Max WS	TR200_06h	48.77	275.56	277.54		277.87	0.006669	2.51	19.42	12.12	0.63
Fiumenta	Fiumenta monte	91	Max WS	TR200_09h	45.06	275.56	277.47		277.77	0.006562	2.43	18.52	12.08	0.63
Fiumenta	Fiumenta monte	91	Max WS	TR200_12h	41.26	275.56	277.39		277.67	0.006520	2.36	17.52	12.03	0.62
Fiumenta	Fiumenta monte	90	Max WS	TR30_01h	3.49	275.70	276.05	276.02	276.17	0.017537	1.53	2.28	8.08	0.86
Fiumenta	Fiumenta monte	90	Max WS	TR30_02h	13.20	275.70	276.47	276.44	276.79	0.016860	2.50	5.28	9.34	0.94
Fiumenta	Fiumenta monte	90	Max WS	TR30_03h	18.51	275.70	276.90	276.88	277.11	0.008210	2.03	9.11	11.75	0.67
Fiumenta	Fiumenta monte	90	Max WS	TR30_04h	18.51	275.70	276.90	276.88	277.11	0.008210	2.03	9.11	11.75	0.67
Fiumenta	Fiumenta monte	90	Max WS	TR30_06h	18.50	275.70	276.90	276.88	277.11	0.008222	2.03	9.11	11.75	0.67
Fiumenta	Fiumenta monte	90	Max WS	TR30_09h	18.50	275.70	276.90	276.88	277.11	0.008223	2.03	9.11	11.75	0.67
Fiumenta	Fiumenta monte	90	Max WS	TR30_12h	18.50	275.70	276.90	276.88	277.11	0.008222	2.03	9.11	11.75	0.67
Fiumenta	Fiumenta monte	90	Max WS	TR200_01h	18.50	275.70	276.90	276.88	277.11	0.008209	2.03	9.11	11.75	0.67
Fiumenta	Fiumenta monte	90	Max WS	TR200_02h	40.76	275.70	277.24	277.18	277.79	0.015164	3.26	12.49	11.95	0.93
Fiumenta	Fiumenta monte	90	Max WS	TR200_03h	49.05	275.70	277.41	277.35	278.02	0.015151	3.47	14.13	12.04	0.93
Fiumenta	Fiumenta monte	90	Max WS	TR200_06h	48.77	275.70	277.40	277.34	278.01	0.015173	3.47	14.07	12.04	0.93
Fiumenta	Fiumenta monte	90	Max WS	TR200_09h	45.06	275.70	277.33	277.27	277.91	0.015063	3.37	13.38	12.00	0.93
Fiumenta	Fiumenta monte	90	Max WS	TR200_12h	41.26	275.70	277.25	277.19	277.80	0.015238	3.28	12.58	11.95	0.93
Fiumenta	Fiumenta monte	89		Bridge										
Fiumenta	Fiumenta monte	88	Max WS	TR30_01h	3.49	275.50	275.75	275.81	275.97	0.049787	2.09	1.67	8.14	1.38
Fiumenta	Fiumenta monte	88	Max WS	TR30_02h	13.20	275.50	276.07	276.23	276.63	0.042712	3.32	3.97	9.35	1.44
Fiumenta	Fiumenta monte	88	Max WS	TR30_03h	19.29	275.50	276.25	276.44	276.90	0.038841	3.58	5.39	10.26	1.41
Fiumenta	Fiumenta monte	88	Max WS	TR30_04h	22.35	275.50	276.33	276.53	277.02	0.037724	3.69	6.06	10.65	1.41
Fiumenta	Fiumenta monte	88	Max WS	TR30_06h	23.49	275.50	276.36	276.56	277.06	0.036501	3.69	6.36	10.82	1.39
Fiumenta	Fiumenta monte	88	Max WS	TR30_09h	22.94	275.50	276.35	276.55	277.04	0.036745	3.68	6.24	10.75	1.39
Fiumenta	Fiumenta monte	88	Max WS	TR30_12h	21.31	275.50	276.31	276.50	276.98	0.037595	3.63	5.87	10.54	1.40
Fiumenta	Fiumenta monte	88	Max WS	TR200_01h	18.89	275.50	276.24	276.43	276.89	0.038967	3.56	5.31	10.20	1.41
Fiumenta	Fiumenta monte	88	Max WS	TR200_02h	40.76	275.50	276.77	276.95	277.56	0.028931	3.94	10.34	12.75	1.28
Fiumenta	Fiumenta monte	88	Max WS	TR200_03h	49.06	275.50	276.94	277.10	277.77	0.025282	4.03	12.18	12.89	1.22
Fiumenta	Fiumenta monte	88	Max WS	TR200_06h	48.77	275.50	276.93	277.09	277.76	0.025371	4.02	12.12	12.89	1.22
Fiumenta	Fiumenta monte	88	Max WS	TR200_09h	45.06	275.50	276.86	277.03	277.67	0.026842	3.99	11.30	12.83	1.25
Fiumenta	Fiumenta monte	88	Max WS	TR200_12h	41.27	275.50	276.78	276.96	277.57	0.028743	3.95	10.44	12.76	1.28
Fiumenta	Fiumenta monte	87	Max WS	TR30_01h	3.49	274.83	275.08	275.11	275.26	0.037493	1.86	1.88	7.62	1.20
Fiumenta	Fiumenta monte	87	Max WS	TR30_02h	13.20	274.83	275.53	275.51	275.83	0.018759	2.43	5.44	8.36	0.96
Fiumenta	Fiumenta monte	87	Max WS	TR30_03h	19.29	274.83	275.75		276.10	0.016262	2.64	7.32	8.73	0.92
Fiumenta	Fiumenta monte	87	Max WS	TR30_04h	22.08	274.83	275.84		276.22	0.015628	2.72	8.11	8.88	0.91
Fiumenta	Fiumenta monte	87	Max WS	TR30_06h	23.49	274.83	275.88		276.27	0.015288	2.76	8.52	8.95	0.90
Fiumenta	Fiumenta monte	87	Max WS	TR30_09h	22.94	274.83	275.87		276.25	0.015364	2.74	8.37	8.93	0.90
Fiumenta	Fiumenta monte	87	Max WS	TR30_12h	21.31	274.83	275.82		276.19	0.015635	2.69	7.92	8.84	0.91
Fiumenta	Fiumenta monte	87	Max WS	TR200_01h	18.89	274.83	275.74		276.09	0.016236	2.62	7.22	8.71	0.92
Fiumenta	Fiumenta monte	87	Max WS	TR200_02h	40.76	274.83	276.36		276.85	0.014260	3.12	13.07	10.63	0.90
Fiumenta	Fiumenta monte	87	Max WS	TR200_03h	49.05	274.83	276.56		277.08	0.013712	3.21	15.29	11.55	0.89
Fiumenta	Fiumenta monte	87	Max WS	TR200_06h	48.77	274.83	276.55		277.07	0.013727	3.20	15.22	11.52	0.89
Fiumenta	Fiumenta monte	87	Max WS	TR200_09h	45.06	274.83	276.46		276.97	0.013972	3.17	14.22	11.12	0.89
Fiumenta	Fiumenta monte	87	Max WS	TR200_12h	41.26	274.83	276.37		276.87	0.014290	3.13	13.18	10.68	0.90
Fiumenta	Fiumenta monte	85	Max WS	TR30_01h	3.49	273.26	274.33		274.37	0.002946	0.88	3.95	7.01	0.38
Fiumenta	Fiumenta monte	85	Max WS	TR30_02h	13.20	273.26	274.86		274.96	0.004672	1.38	9.56	12.03	0.49
Fiumenta	Fiumenta monte	85	Max WS	TR30_03h	19.26	273.26	275.09		275.21	0.004520	1.57	12.27	12.04	0.50
Fiumenta	Fiumenta monte	85	Max WS	TR30_04h	22.03	273.26	275.19		275.32	0.004451	1.64	13.44	12.04	0.50
Fiumenta	Fiumenta monte	85	Max WS	TR30_06h	23.48	273.26	275.24		275.38	0.004405	1.67	14.05	12.04	0.49
Fiumenta	Fiumenta monte	85	Max WS	TR30_09h	22.94	273.26	275.22		275.36	0.004381	1.65	13.87	12.04	0.49
Fiumenta	Fiumenta monte	85	Max WS	TR30_12h	21.30	273.26	275.17		275.30	0.004338	1.61	13.26	12.04	0.49
Fiumenta	Fiumenta monte	85	Max WS	TR200_01h	18.88	273.26	275.09		275.21	0.004353	1.54	12.27	12.04	0.49
Fiumenta	Fiumenta monte	85	Max WS	TR200_02h	40.60	273.26	275.82		276.01	0.003765	1.92	21.13	12.05	0.46
Fiumenta	Fiumenta monte	85	Max WS	TR200_03h	49.05	273.26	276.07		276.28	0.003730	2.04	24.04	12.05	0.46
Fiumenta	Fiumenta monte	85	Max WS	TR200_06h	48.77	273.26	276.06		276.27	0.003731	2.04	23.94	12.05	0.46
Fiumenta	Fiumenta monte	85	Max WS	TR200_09h	45.05	273.26	275.95		276.16	0.003735	1.98	22.70	12.05	0.46
Fiumenta	Fiumenta monte	85	Max WS	TR200_12h	41.26	273.26	275.83		276.02	0.003844	1.95	21.21	12.05	0.47
Fiumenta	Fiumenta monte	84	Max WS	TR30_01h	4.09	273.61	274.19		274.30	0.011947	1.44	2.84	6.99	0.72
Fiumenta	Fiumenta monte	84	Max WS	TR30_02h	16.65	273.61	274.72		274.97	0.013804	2.21	7.53	10.48	0.83
Fiumenta	Fiumenta monte	84	Max WS	TR30_03h	24.65	273.61	274.96		275.27	0.012565	2.48	9.95	10.50	0.81
Fiumenta	Fiumenta monte	84	Max WS	TR30_04h	28.39	273.61	275.05		275.39	0.012273	2.59	10.98	10.52	0.81
Fiumenta	Fiumenta monte	84	Max WS	TR30_06h	30.39	273.61	275.10		275.46	0.012128	2.64	11.52	10.52	0.81
Fiumenta	Fiumenta monte	84	Max WS	TR30_09h	29.81	273.61	275.09		275.44	0.012199	2.63	11.35	10.52	0.81
Fiumenta	Fiumenta monte	84	Max WS	TR30_12h	27.89	273.61	275.04		275.38	0.012385	2.58	10.82	10.51	0.81
Fiumenta	Fiumenta monte	84	Max WS	TR200_01h	24.79	273.61	274.95		275.27	0.012796	2.50	9.93	10.50	0.82
Fiumenta	Fiumenta monte	84	Max WS	TR200_02h	54.14	273.61	275.65		276.15	0.011155	3.13	17.28	10.59	0.78
Fiumenta	Fiumenta monte	84	Max WS	TR200_03h	64.74	273.61	275.87		276.43	0.010935	3.30	19.61	10.61	0.78
Fiumenta	Fiumenta monte	84	Max WS	TR200_06h	64.61	273.61	275.87		276.42	0.010975	3.30	19.56	10.61	0.78
Fiumenta	Fiumenta monte	84	Max WS	TR200_09h	60.14	273.61	275.77		276.31	0.011081	3.24	18.58	10.60	0.78
Fiumenta	Fiumenta monte	84	Max WS	TR200_12h	54.77	273.61	275.66		276.17	0.011195	3.15	17.39	10.59	0.78
Fiumenta	Fiumenta monte	83	Max WS	TR30_01h	4.09	273.61	274.19		274.28	0.010695	1.35	3.03	7.84	0.69
Fiumenta	Fiumenta monte	83	Max WS	TR30_02h	16.65	273.61	274.71		274.93	0.011803	2.07	8.04	11.36	0.79
Fiumenta	Fiumenta monte	83	Max WS	TR30_03h	24.65	273.61	274.94		275.21	0.010651	2.31	10.65	11.39	0.76
Fiumenta	Fiumenta monte	83	Max WS	TR30_04h	28.39	273.61	275.04		275.33	0.010388	2.42	11.75	11.41	0.76
Fiumenta	Fiumenta monte	83	Max WS	TR30_06h	30.39	273.61	275.09		275.40	0.010239	2.46	12.33	11.41	0.76
Fiumenta	Fiumenta monte	83	Max WS	TR30_09h	29.81</									

HEC-RAS Profile: Max WS (Continued)

River	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
Fiumenta	Fiumenta monte	80	Max WS	TR30_03h	24.62	273.60	274.74		274.95	0.007523	2.11	12.36	12.17	0.64
Fiumenta	Fiumenta monte	80	Max WS	TR30_04h	28.35	273.60	274.84		275.08	0.007490	2.22	13.58	12.18	0.65
Fiumenta	Fiumenta monte	80	Max WS	TR30_06h	30.38	273.60	274.89		275.14	0.007471	2.27	14.22	12.19	0.65
Fiumenta	Fiumenta monte	80	Max WS	TR30_09h	29.80	273.60	274.87		275.12	0.007520	2.26	14.01	12.19	0.65
Fiumenta	Fiumenta monte	80	Max WS	TR30_12h	27.89	273.60	274.82		275.06	0.007613	2.22	13.36	12.18	0.65
Fiumenta	Fiumenta monte	80	Max WS	TR200_01h	24.74	273.60	274.73		274.95	0.007813	2.14	12.25	12.17	0.65
Fiumenta	Fiumenta monte	80	Max WS	TR200_02h	53.84	273.60	275.45		275.82	0.007044	2.74	21.11	12.26	0.65
Fiumenta	Fiumenta monte	80	Max WS	TR200_03h	64.73	273.60	275.67		276.09	0.007027	2.92	23.85	12.29	0.66
Fiumenta	Fiumenta monte	80	Max WS	TR200_06h	64.60	273.60	275.67		276.08	0.007074	2.93	23.77	12.29	0.66
Fiumenta	Fiumenta monte	80	Max WS	TR200_09h	60.14	273.60	275.57		275.97	0.007140	2.86	22.60	12.28	0.66
Fiumenta	Fiumenta monte	80	Max WS	TR200_12h	54.77	273.60	275.46		275.83	0.007190	2.78	21.20	12.26	0.66
Fiumenta	Fiumenta monte	79	Max WS	TR30_01h	4.22	273.45	273.89	273.75	273.95	0.007285	1.08	3.91	10.04	0.55
Fiumenta	Fiumenta monte	79	Max WS	TR30_02h	17.20	273.45	274.40	274.17	274.57	0.008373	1.82	9.43	10.86	0.60
Fiumenta	Fiumenta monte	79	Max WS	TR30_03h	25.67	273.45	274.63	274.36	274.86	0.009112	2.16	11.89	10.62	0.64
Fiumenta	Fiumenta monte	79	Max WS	TR30_04h	29.50	273.45	274.72	274.44	274.99	0.009411	2.29	12.88	10.52	0.65
Fiumenta	Fiumenta monte	79	Max WS	TR30_06h	31.56	273.45	274.77	274.48	275.05	0.009559	2.36	13.40	10.46	0.65
Fiumenta	Fiumenta monte	79	Max WS	TR30_09h	30.92	273.45	274.75	274.46	275.03	0.009515	2.34	13.24	10.48	0.65
Fiumenta	Fiumenta monte	79	Max WS	TR30_12h	28.89	273.45	274.71	274.43	274.97	0.009364	2.27	12.73	10.53	0.65
Fiumenta	Fiumenta monte	79	Max WS	TR200_01h	25.54	273.45	274.62	274.36	274.86	0.009112	2.16	11.85	10.62	0.64
Fiumenta	Fiumenta monte	79	Max WS	TR200_02h	56.27	273.45	275.29	274.92	275.75	0.011289	3.01	18.70	9.83	0.71
Fiumenta	Fiumenta monte	79	Max WS	TR200_03h	67.32	273.45	275.50	275.09	276.04	0.012117	3.25	20.69	9.52	0.73
Fiumenta	Fiumenta monte	79	Max WS	TR200_06h	67.06	273.45	275.49	275.09	276.03	0.012093	3.25	20.65	9.52	0.73
Fiumenta	Fiumenta monte	79	Max WS	TR200_09h	62.34	273.45	275.41	275.01	275.91	0.011737	3.15	19.82	9.66	0.72
Fiumenta	Fiumenta monte	79	Max WS	TR200_12h	56.77	273.45	275.30	274.93	275.77	0.011321	3.02	18.80	9.81	0.71
Fiumenta	Fiumenta monte	77	Max WS	TR30_01h	4.22	273.41	273.84	273.71	273.90	0.007151	1.10	3.84	9.43	0.55
Fiumenta	Fiumenta monte	77	Max WS	TR30_02h	17.21	273.41	274.36	274.15	274.49	0.007368	1.57	10.95	15.18	0.51
Fiumenta	Fiumenta monte	77	Max WS	TR30_03h	25.67	273.41	274.60	274.31	274.76	0.006896	1.78	14.43	14.66	0.52
Fiumenta	Fiumenta monte	77	Max WS	TR30_04h	29.50	273.41	274.69	274.37	274.87	0.006860	1.87	15.80	14.46	0.53
Fiumenta	Fiumenta monte	77	Max WS	TR30_06h	31.57	273.41	274.74	274.40	274.93	0.006851	1.91	16.52	14.35	0.53
Fiumenta	Fiumenta monte	77	Max WS	TR30_09h	30.93	273.41	274.73	274.39	274.91	0.006853	1.90	16.30	14.38	0.53
Fiumenta	Fiumenta monte	77	Max WS	TR30_12h	28.89	273.41	274.68	274.36	274.85	0.006856	1.85	15.59	14.49	0.53
Fiumenta	Fiumenta monte	77	Max WS	TR200_01h	25.54	273.41	274.59	274.31	274.75	0.006898	1.78	14.38	14.67	0.52
Fiumenta	Fiumenta monte	77	Max WS	TR200_02h	56.28	273.41	275.26	274.75	275.55	0.007396	2.39	23.59	13.15	0.56
Fiumenta	Fiumenta monte	77	Max WS	TR200_03h	67.34	273.41	275.45	274.89	275.79	0.007864	2.57	26.16	12.55	0.57
Fiumenta	Fiumenta monte	77	Max WS	TR200_06h	67.07	273.41	275.45	274.89	275.79	0.007851	2.57	26.10	12.56	0.57
Fiumenta	Fiumenta monte	77	Max WS	TR200_09h	62.35	273.41	275.37	274.83	275.68	0.007634	2.49	25.04	12.83	0.57
Fiumenta	Fiumenta monte	77	Max WS	TR200_12h	56.78	273.41	275.26	274.76	275.56	0.007412	2.39	23.72	13.12	0.56
Fiumenta	Fiumenta monte	76.5	Max WS	TR30_01h	4.22	273.40	273.83	273.70	273.90	0.007328	1.11	3.81	9.43	0.56
Fiumenta	Fiumenta monte	76.5	Max WS	TR30_02h	17.21	273.40	274.36	274.15	274.48	0.007282	1.57	10.95	15.58	0.60
Fiumenta	Fiumenta monte	76.5	Max WS	TR30_03h	25.68	273.40	274.59	274.31	274.75	0.006407	1.76	14.63	15.65	0.58
Fiumenta	Fiumenta monte	76.5	Max WS	TR30_04h	29.50	273.40	274.69	274.37	274.86	0.006193	1.83	16.13	15.68	0.58
Fiumenta	Fiumenta monte	76.5	Max WS	TR30_06h	31.57	273.40	274.74	274.40	274.92	0.006094	1.87	16.92	15.70	0.57
Fiumenta	Fiumenta monte	76.5	Max WS	TR30_09h	30.93	273.40	274.72	274.39	274.90	0.006125	1.85	16.67	15.69	0.57
Fiumenta	Fiumenta monte	76.5	Max WS	TR30_12h	28.90	273.40	274.67	274.36	274.84	0.006218	1.82	15.90	15.68	0.58
Fiumenta	Fiumenta monte	76.5	Max WS	TR200_01h	25.54	273.40	274.59	274.31	274.75	0.006413	1.75	14.57	15.65	0.58
Fiumenta	Fiumenta monte	76.5	Max WS	TR200_02h	56.28	273.40	275.26	274.76	275.52	0.005526	2.23	25.22	15.85	0.57
Fiumenta	Fiumenta monte	76.5	Max WS	TR200_03h	67.34	273.40	275.47	274.90	275.76	0.005409	2.36	28.51	15.91	0.56
Fiumenta	Fiumenta monte	76.5	Max WS	TR200_06h	67.08	273.40	275.47	274.89	275.75	0.005412	2.36	28.43	15.91	0.56
Fiumenta	Fiumenta monte	76.5	Max WS	TR200_09h	62.36	273.40	275.38	274.83	275.65	0.005455	2.31	27.05	15.88	0.56
Fiumenta	Fiumenta monte	76.5	Max WS	TR200_12h	56.78	273.40	275.27	274.76	275.53	0.005518	2.24	25.37	15.85	0.56
Fiumenta	Fiumenta monte	76.3			Ini Struct									
Fiumenta	Fiumenta monte	76	Max WS	TR30_01h	4.22	271.69	272.73		272.74	0.000312	0.40	10.51	10.12	0.13
Fiumenta	Fiumenta monte	76	Max WS	TR30_02h	17.21	271.69	273.41		273.46	0.001119	0.99	17.37	10.18	0.24
Fiumenta	Fiumenta monte	76	Max WS	TR30_03h	25.67	271.69	273.63		273.72	0.001738	1.31	19.60	10.20	0.30
Fiumenta	Fiumenta monte	76	Max WS	TR30_04h	29.50	271.69	273.84		273.93	0.001696	1.36	21.72	10.22	0.30
Fiumenta	Fiumenta monte	76	Max WS	TR30_06h	31.57	271.69	273.87		273.98	0.001828	1.42	22.17	10.22	0.31
Fiumenta	Fiumenta monte	76	Max WS	TR30_09h	30.93	271.69	273.88		273.97	0.001788	1.40	22.03	10.22	0.31
Fiumenta	Fiumenta monte	76	Max WS	TR30_12h	28.90	271.69	273.71		273.81	0.001936	1.41	20.47	10.21	0.32
Fiumenta	Fiumenta monte	76	Max WS	TR200_01h	25.54	271.69	273.62		273.71	0.001731	1.31	19.56	10.20	0.30
Fiumenta	Fiumenta monte	76	Max WS	TR200_02h	56.28	271.69	274.38		274.57	0.003766	1.92	29.26	15.75	0.45
Fiumenta	Fiumenta monte	76	Max WS	TR200_03h	67.34	271.69	274.58		274.80	0.003908	2.07	32.48	15.80	0.46
Fiumenta	Fiumenta monte	76	Max WS	TR200_06h	67.07	271.69	274.58		274.79	0.003904	2.07	32.41	15.80	0.46
Fiumenta	Fiumenta monte	76	Max WS	TR200_09h	62.36	271.69	274.50		274.70	0.003791	2.00	31.21	15.78	0.45
Fiumenta	Fiumenta monte	76	Max WS	TR200_12h	56.78	271.69	274.39		274.58	0.003773	1.93	29.41	15.75	0.45
Fiumenta	Fiumenta monte	75	Max WS	TR30_01h	4.22	272.01	272.71		272.74	0.001578	0.67	6.33	10.41	0.27
Fiumenta	Fiumenta monte	75	Max WS	TR30_02h	17.21	272.01	273.36		273.45	0.002673	1.31	13.10	10.55	0.38
Fiumenta	Fiumenta monte	75	Max WS	TR30_03h	25.68	272.01	273.56		273.70	0.003803	1.69	15.17	10.59	0.45
Fiumenta	Fiumenta monte	75	Max WS	TR30_04h	29.51	272.01	273.77		273.91	0.003293	1.69	17.44	10.63	0.42
Fiumenta	Fiumenta monte	75	Max WS	TR30_06h	31.58	272.01	273.81		273.97	0.003507	1.77	17.87	10.64	0.44
Fiumenta	Fiumenta monte	75	Max WS	TR30_09h	30.94	272.01	273.80		273.95	0.003442	1.74	17.74	10.64	0.43
Fiumenta	Fiumenta monte	75	Max WS	TR30_12h	28.90	272.01	273.63		273.80	0.004091	1.81	16.01	10.60	0.47
Fiumenta	Fiumenta monte	75	Max WS	TR200_01h	25.54	272.01	273.55		273.70	0.003790	1.69	15.14	10.59	0.45
Fiumenta	Fiumenta monte	75	Max WS	TR200_02h	56.29	272.01	274.24		274.56	0.005646	2.51	22.46	10.73	0.55
Fiumenta	Fiumenta monte	75	Max WS	TR200_03h	67.35	272.01	274.42		274.81	0.006347	2.76	24.38	10.77	0.59
Fiumenta	Fiumenta monte	75	Max WS	TR200_06h	67.09	272.01	274.41		274.80	0.006332	2.76	24.34	10.77	0.59
Fiumenta	Fiumenta monte	75	Max WS	TR200_09h	62.37	272.01	274.35		274.70	0.005967	2.64	23.63	10.75	0.57
Fiumenta	Fiumenta monte	75	Max WS	TR200_12h	56.79	272.01	274.25		274.57	0.005680	2.52	22.54	10.73	0.56
Fiumenta	Fiumenta monte	74.9			Lat Struct									
Fiumenta	Fiumenta monte	74.8			Lat Struct									
Fiumenta	Fiumenta monte	70	Max WS	TR30_01h	4.24	270.77	271.38		271.41	0.003212	0.88	4.83	8.95	0.38
Fiumenta	Fiumenta monte	70	Max WS	TR30_02h	17.26	270.77	271.92		272.08	0.005958	1.78	9.72	9.09	0.55
Fiumenta	Fiumenta monte	70	Max WS	TR30_03h	25.87	270.77	272.20		272.42	0.006598	2.11	12.25	9.16	0.58
Fiumenta	Fiumenta monte	70	Max WS	TR30_04h	29.73	270.77	272.31		272.56	0.006861	2.24	13.27	9.19	0.60
Fiumenta	Fiumenta monte	70	Max WS	TR30_06h										

HEC-RAS Profile: Max WS (Continued)

River	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
Fiumenta	Fiumenta monte	69	Max WS	TR30_01h	4.24	270.75	271.36	271.11	271.40	0.003257	0.88	4.81	8.95	0.38
Fiumenta	Fiumenta monte	69	Max WS	TR30_02h	17.27	270.75	271.89	271.55	272.05	0.006316	1.81	9.54	9.08	0.56
Fiumenta	Fiumenta monte	69	Max WS	TR30_03h	25.88	270.75	272.16	271.77	272.40	0.006989	2.15	12.03	9.15	0.60
Fiumenta	Fiumenta monte	69	Max WS	TR30_04h	29.75	270.75	272.27	271.87	272.53	0.007268	2.28	13.02	9.18	0.61
Fiumenta	Fiumenta monte	69	Max WS	TR30_06h	31.84	270.75	272.33	271.92	272.61	0.007386	2.35	13.55	9.20	0.62
Fiumenta	Fiumenta monte	69	Max WS	TR30_09h	31.17	270.75	272.31	271.90	272.58	0.007328	2.33	13.39	9.19	0.62
Fiumenta	Fiumenta monte	69	Max WS	TR30_12h	29.11	270.75	272.25	271.85	272.51	0.007226	2.26	12.86	9.18	0.61
Fiumenta	Fiumenta monte	69	Max WS	TR200_01h	25.60	270.75	272.15	271.77	272.39	0.006976	2.14	11.95	9.15	0.60
Fiumenta	Fiumenta monte	69	Max WS	TR200_02h	56.58	270.75	272.93	272.43	273.35	0.008633	2.87	19.73	10.58	0.67
Fiumenta	Fiumenta monte	69	Max WS	TR200_03h	62.96	270.75	273.15	272.59	273.56	0.007687	2.86	22.04	10.62	0.63
Fiumenta	Fiumenta monte	69	Max WS	TR200_06h	63.00	270.75	273.15	272.60	273.56	0.007686	2.86	22.05	10.62	0.63
Fiumenta	Fiumenta monte	69	Max WS	TR200_09h	62.80	270.75	273.14	272.59	273.56	0.007706	2.86	21.98	10.62	0.63
Fiumenta	Fiumenta monte	69	Max WS	TR200_12h	56.66	270.75	272.93	272.42	273.35	0.008633	2.87	19.75	10.58	0.67
Fiumenta	Fiumenta monte	68		Bridge										
Fiumenta	Fiumenta monte	67	Max WS	TR30_01h	4.24	270.73	271.34		271.39	0.003393	0.89	4.75	8.95	0.39
Fiumenta	Fiumenta monte	67	Max WS	TR30_02h	17.27	270.73	271.82		272.01	0.007455	1.91	9.04	9.07	0.61
Fiumenta	Fiumenta monte	67	Max WS	TR30_03h	25.88	270.73	272.07		272.34	0.008506	2.30	11.27	9.13	0.66
Fiumenta	Fiumenta monte	67	Max WS	TR30_04h	29.75	270.73	272.16		272.47	0.008950	2.45	12.15	9.16	0.68
Fiumenta	Fiumenta monte	67	Max WS	TR30_06h	31.84	270.73	272.21		272.54	0.009163	2.52	12.61	9.17	0.69
Fiumenta	Fiumenta monte	67	Max WS	TR30_09h	31.17	270.73	272.20		272.52	0.009097	2.50	12.47	9.17	0.68
Fiumenta	Fiumenta monte	67	Max WS	TR30_12h	29.11	270.73	272.15		272.45	0.008885	2.42	12.01	9.15	0.68
Fiumenta	Fiumenta monte	67	Max WS	TR200_01h	25.60	270.73	272.06		272.33	0.008483	2.29	11.20	9.13	0.66
Fiumenta	Fiumenta monte	67	Max WS	TR200_02h	56.58	270.73	272.76		273.26	0.011263	3.13	18.05	10.55	0.77
Fiumenta	Fiumenta monte	67	Max WS	TR200_03h	67.84	270.73	272.96		273.54	0.011593	3.36	20.18	10.59	0.78
Fiumenta	Fiumenta monte	67	Max WS	TR200_06h	67.58	270.73	272.96		273.53	0.011586	3.36	20.14	10.58	0.78
Fiumenta	Fiumenta monte	67	Max WS	TR200_09h	62.80	270.73	272.87		273.42	0.011451	3.26	19.25	10.57	0.77
Fiumenta	Fiumenta monte	67	Max WS	TR200_12h	57.16	270.73	272.77		273.28	0.011274	3.15	18.17	10.55	0.77
Fiumenta	Fiumenta monte	66.9		Lat Struct										
Fiumenta	Fiumenta monte	66.8		Lat Struct										
Fiumenta	Fiumenta monte	66	Max WS	TR30_01h	4.24	270.87	271.24		271.33	0.011949	1.32	3.21	8.90	0.70
Fiumenta	Fiumenta monte	66	Max WS	TR30_02h	17.27	270.87	271.70		271.99	0.014430	2.36	7.31	9.02	0.84
Fiumenta	Fiumenta monte	66	Max WS	TR30_03h	25.90	270.87	271.94		272.32	0.014530	2.74	9.47	9.09	0.86
Fiumenta	Fiumenta monte	66	Max WS	TR30_04h	29.77	270.87	272.03		272.46	0.014822	2.89	10.30	9.11	0.87
Fiumenta	Fiumenta monte	66	Max WS	TR30_06h	31.87	270.87	272.08		272.53	0.014946	2.97	10.74	9.12	0.87
Fiumenta	Fiumenta monte	66	Max WS	TR30_09h	31.20	270.87	272.06		272.51	0.014919	2.94	10.60	9.12	0.87
Fiumenta	Fiumenta monte	66	Max WS	TR30_12h	29.14	270.87	272.02		272.44	0.014786	2.87	10.16	9.11	0.87
Fiumenta	Fiumenta monte	66	Max WS	TR200_01h	25.61	270.87	271.93		272.31	0.014526	2.72	9.40	9.08	0.86
Fiumenta	Fiumenta monte	66	Max WS	TR200_02h	56.61	270.87	272.60		273.26	0.017053	3.60	15.73	10.51	0.94
Fiumenta	Fiumenta monte	66	Max WS	TR200_03h	67.89	270.87	272.81		273.54	0.016734	3.80	17.86	10.55	0.93
Fiumenta	Fiumenta monte	66	Max WS	TR200_06h	67.63	270.87	272.80		273.54	0.016740	3.80	17.81	10.55	0.93
Fiumenta	Fiumenta monte	66	Max WS	TR200_09h	62.84	270.87	272.72		273.42	0.016861	3.71	16.92	10.53	0.94
Fiumenta	Fiumenta monte	66	Max WS	TR200_12h	57.21	270.87	272.62		273.28	0.017023	3.61	15.85	10.51	0.94
Fiumenta	Fiumenta monte	63	Max WS	TR30_01h	4.33	269.90	270.22	270.12	270.27	0.007527	0.96	4.50	14.76	0.56
Fiumenta	Fiumenta monte	63	Max WS	TR30_02h	17.32	269.90	270.68	270.43	270.80	0.005923	1.52	11.38	14.91	0.56
Fiumenta	Fiumenta monte	63	Max WS	TR30_03h	26.03	269.90	270.92	270.60	271.08	0.005597	1.74	14.96	14.99	0.56
Fiumenta	Fiumenta monte	63	Max WS	TR30_04h	29.93	269.90	271.02	270.66	271.19	0.005506	1.82	16.42	15.02	0.56
Fiumenta	Fiumenta monte	63	Max WS	TR30_06h	32.02	269.90	271.07	270.70	271.25	0.005462	1.86	17.19	15.04	0.56
Fiumenta	Fiumenta monte	63	Max WS	TR30_09h	31.34	269.90	271.05	270.68	271.23	0.005476	1.85	16.94	15.03	0.56
Fiumenta	Fiumenta monte	63	Max WS	TR30_12h	29.27	269.90	271.00	270.65	271.17	0.005520	1.81	16.18	15.02	0.56
Fiumenta	Fiumenta monte	63	Max WS	TR200_01h	25.64	269.90	270.91	270.59	271.06	0.005610	1.73	14.81	14.99	0.56
Fiumenta	Fiumenta monte	63	Max WS	TR200_02h	56.79	269.90	271.60	271.06	271.86	0.005181	2.25	25.24	15.21	0.56
Fiumenta	Fiumenta monte	63	Max WS	TR200_03h	68.09	269.90	271.82	271.21	272.11	0.005123	2.39	28.51	15.22	0.56
Fiumenta	Fiumenta monte	63	Max WS	TR200_06h	67.83	269.90	271.81	271.21	272.10	0.005124	2.39	28.43	15.22	0.56
Fiumenta	Fiumenta monte	63	Max WS	TR200_09h	63.08	269.90	271.72	271.14	272.00	0.005146	2.33	27.09	15.22	0.56
Fiumenta	Fiumenta monte	63	Max WS	TR200_12h	57.43	269.90	271.61	271.07	271.87	0.005177	2.26	25.43	15.21	0.56
Fiumenta	Fiumenta monte	62.5		Ini Struct										
Fiumenta	Fiumenta monte	62	Max WS	TR30_01h	4.33	269.46	269.83		269.88	0.007055	0.98	4.41	13.49	0.55
Fiumenta	Fiumenta monte	62	Max WS	TR30_02h	17.32	269.46	270.31		270.43	0.005829	1.53	11.35	14.87	0.56
Fiumenta	Fiumenta monte	62	Max WS	TR30_03h	26.03	269.46	270.55		270.70	0.005499	1.74	14.93	14.93	0.56
Fiumenta	Fiumenta monte	62	Max WS	TR30_04h	29.93	269.46	270.65		270.82	0.005405	1.83	16.40	14.96	0.56
Fiumenta	Fiumenta monte	62	Max WS	TR30_06h	32.02	269.46	270.70		270.87	0.005363	1.87	17.16	14.97	0.56
Fiumenta	Fiumenta monte	62	Max WS	TR30_09h	31.34	269.46	270.68		270.85	0.005376	1.85	16.91	14.97	0.56
Fiumenta	Fiumenta monte	62	Max WS	TR30_12h	29.27	269.46	270.63		270.80	0.005422	1.81	16.15	14.95	0.56
Fiumenta	Fiumenta monte	62	Max WS	TR200_01h	25.64	269.46	270.54		270.69	0.005516	1.74	14.78	14.93	0.56
Fiumenta	Fiumenta monte	62	Max WS	TR200_02h	56.79	269.46	271.23		271.49	0.005084	2.25	25.22	15.11	0.56
Fiumenta	Fiumenta monte	62	Max WS	TR200_03h	68.09	269.46	271.45		271.74	0.005032	2.39	28.48	15.17	0.56
Fiumenta	Fiumenta monte	62	Max WS	TR200_06h	67.82	269.46	271.44		271.73	0.005033	2.39	28.41	15.17	0.56
Fiumenta	Fiumenta monte	62	Max WS	TR200_09h	63.08	269.46	271.35		271.63	0.005049	2.33	27.06	15.15	0.56
Fiumenta	Fiumenta monte	62	Max WS	TR200_12h	57.43	269.46	271.24		271.51	0.005081	2.26	25.41	15.12	0.56
Fiumenta	Fiumenta monte	61	Max WS	TR30_01h	4.34	269.45	269.82	269.71	269.87	0.007560	1.01	4.31	13.37	0.57
Fiumenta	Fiumenta monte	61	Max WS	TR30_02h	17.32	269.45	270.29	270.05	270.41	0.005941	1.54	11.28	14.87	0.56
Fiumenta	Fiumenta monte	61	Max WS	TR30_03h	26.03	269.45	270.54	270.21	270.69	0.005562	1.75	14.88	14.93	0.56
Fiumenta	Fiumenta monte	61	Max WS	TR30_04h	29.93	269.45	270.63	270.28	270.80	0.005457	1.83	16.35	14.96	0.56
Fiumenta	Fiumenta monte	61	Max WS	TR30_06h	32.03	269.45	270.68	270.32	270.86	0.005408	1.87	17.11	14.97	0.56
Fiumenta	Fiumenta monte	61	Max WS	TR30_09h	31.34	269.45	270.67	270.30	270.84	0.005426	1.86	16.86	14.97	0.56
Fiumenta	Fiumenta monte	61	Max WS	TR30_12h	29.27	269.45	270.62	270.27	270.79	0.005475	1.82	16.10	14.95	0.56
Fiumenta	Fiumenta monte	61	Max WS	TR200_01h	25.64	269.45	270.52	270.21	270.68	0.005573	1.74	14.73	14.93	0.56
Fiumenta	Fiumenta monte	61	Max WS	TR200_02h	56.80	269.45	271.22	270.68	271.48	0.005106	2.26	25.18	15.11	0.56
Fiumenta	Fiumenta monte	61	Max WS	TR200_03h	68.10	269.45	271.44	270.83	271.73	0.005049	2.39	28.45	15.17	0.56
Fiumenta	Fiumenta monte	61	Max WS	TR200_06h	67.83	269.45	271.43	270.82	271.72	0.005050	2.39	28.38	15.17	0.56
Fiumenta	Fiumenta monte	61	Max WS	TR200_09h	63.09	269.45	271.34	270.76	271.62	0.005068	2.33	27.03	15.14	0.56
Fiumenta	Fiumenta monte	61	Max WS	TR200_12h	57.44	269.45	271.23	270.69	271.49	0.005103	2.26	25.37	15.11	0.56
Fiumenta	Fiumenta monte	60.5		Ini Struct										
Fiumenta	Fiumenta monte	60	Max WS	TR30_01h	4.34	268.45	268.81		268.90	0.013831	1.34	3.24	10.12	0.75
Fiumenta	Fiumenta monte	60	Max WS	TR30_02h	17.32	268.45	269.23							

HEC-RAS Profile: Max WS (Continued)

River	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
Fiumenta	Fiumenta monte	60	Max WS	TR30_12h	29.27	268.45	269.48	269.45	269.87	0.016948	2.76	10.61	12.34	0.95
Fiumenta	Fiumenta monte	60	Max WS	TR200_01h	25.64	268.45	269.41		269.77	0.016478	2.63	9.75	11.97	0.93
Fiumenta	Fiumenta monte	60	Max WS	TR200_02h	56.80	268.45	269.92	269.95	270.53	0.018585	3.44	16.50	14.60	1.03
Fiumenta	Fiumenta monte	60	Max WS	TR200_03h	68.10	268.45	270.07	270.10	270.75	0.018428	3.64	18.69	14.92	1.04
Fiumenta	Fiumenta monte	60	Max WS	TR200_06h	67.84	268.45	270.07	270.10	270.74	0.018440	3.64	18.64	14.92	1.04
Fiumenta	Fiumenta monte	60	Max WS	TR200_09h	63.09	268.45	270.01	270.04	270.65	0.018585	3.55	17.75	14.91	1.04
Fiumenta	Fiumenta monte	60	Max WS	TR200_12h	57.44	268.45	269.93	269.96	270.54	0.018589	3.45	16.63	14.65	1.03
Fiumenta	Fiumenta monte	57	Max WS	TR30_01h	4.77	266.47	266.89	266.76	266.95	0.007051	1.09	4.37	11.48	0.56
Fiumenta	Fiumenta monte	57	Max WS	TR30_02h	17.41	266.47	267.40	267.14	267.53	0.006004	1.60	10.86	14.00	0.58
Fiumenta	Fiumenta monte	57	Max WS	TR30_03h	26.27	266.47	267.65	267.33	267.82	0.005710	1.80	14.56	15.06	0.59
Fiumenta	Fiumenta monte	57	Max WS	TR30_04h	30.23	266.47	267.76	267.40	267.94	0.005610	1.88	16.12	15.48	0.59
Fiumenta	Fiumenta monte	57	Max WS	TR30_06h	32.33	266.47	267.81	267.44	267.99	0.005566	1.91	16.92	15.70	0.59
Fiumenta	Fiumenta monte	57	Max WS	TR30_09h	31.62	266.47	267.79	267.43	267.97	0.005582	1.90	16.65	15.62	0.59
Fiumenta	Fiumenta monte	57	Max WS	TR30_12h	29.52	266.47	267.74	267.39	267.92	0.005629	1.86	15.84	15.41	0.59
Fiumenta	Fiumenta monte	57	Max WS	TR200_01h	25.70	266.47	267.64	267.31	267.80	0.005727	1.79	14.33	15.00	0.59
Fiumenta	Fiumenta monte	57	Max WS	TR200_02h	57.18	266.47	268.33	267.84	268.58	0.005229	2.23	25.67	17.86	0.59
Fiumenta	Fiumenta monte	57	Max WS	TR200_03h	68.68	266.47	268.53	268.00	268.81	0.005044	2.34	29.37	18.33	0.59
Fiumenta	Fiumenta monte	57	Max WS	TR200_06h	68.40	266.47	268.53	267.99	268.81	0.005049	2.34	29.28	18.32	0.59
Fiumenta	Fiumenta monte	57	Max WS	TR200_09h	63.58	266.47	268.45	267.93	268.71	0.005139	2.29	27.75	18.20	0.59
Fiumenta	Fiumenta monte	57	Max WS	TR200_12h	57.87	266.47	268.34	267.85	268.60	0.005225	2.24	25.89	17.91	0.59
Fiumenta	Fiumenta monte	56			Inl Struct									
Fiumenta	Fiumenta monte	55	Max WS	TR30_01h	4.77	263.38	263.81		263.91	0.013374	1.41	3.39	9.49	0.75
Fiumenta	Fiumenta monte	55	Max WS	TR30_02h	17.41	263.38	264.25		264.51	0.013249	2.27	7.68	9.97	0.83
Fiumenta	Fiumenta monte	55	Max WS	TR30_03h	26.27	263.38	264.49		264.84	0.013054	2.61	10.07	10.23	0.84
Fiumenta	Fiumenta monte	55	Max WS	TR30_04h	30.23	263.38	264.58		264.96	0.013022	2.74	11.04	10.33	0.85
Fiumenta	Fiumenta monte	55	Max WS	TR30_06h	32.33	263.38	264.63		265.03	0.013027	2.80	11.54	10.38	0.85
Fiumenta	Fiumenta monte	55	Max WS	TR30_09h	31.62	263.38	264.61		265.01	0.013029	2.78	11.37	10.36	0.85
Fiumenta	Fiumenta monte	55	Max WS	TR30_12h	29.52	263.38	264.57		264.94	0.013030	2.72	10.87	10.31	0.84
Fiumenta	Fiumenta monte	55	Max WS	TR200_01h	25.70	263.38	264.47		264.82	0.013095	2.59	9.91	10.21	0.84
Fiumenta	Fiumenta monte	55	Max WS	TR200_02h	57.18	263.38	265.12		265.71	0.013324	3.42	16.73	10.91	0.88
Fiumenta	Fiumenta monte	55	Max WS	TR200_03h	68.68	263.38	265.31		265.99	0.013498	3.64	18.86	11.12	0.89
Fiumenta	Fiumenta monte	55	Max WS	TR200_06h	68.40	263.38	265.31		265.98	0.013502	3.64	18.80	11.12	0.89
Fiumenta	Fiumenta monte	55	Max WS	TR200_09h	63.58	263.38	265.23		265.87	0.013434	3.55	17.92	11.03	0.89
Fiumenta	Fiumenta monte	55	Max WS	TR200_12h	57.87	263.38	265.13		265.73	0.013338	3.43	16.86	10.92	0.88
Fiumenta	Fiumenta monte	50	Max WS	TR30_01h	5.52	260.85	261.24		261.35	0.013834	1.42	3.90	11.39	0.77
Fiumenta	Fiumenta monte	50	Max WS	TR30_02h	17.51	260.85	261.67		261.87	0.010079	1.97	8.89	12.11	0.73
Fiumenta	Fiumenta monte	50	Max WS	TR30_03h	26.69	260.85	261.91		262.17	0.009429	2.24	11.91	12.52	0.73
Fiumenta	Fiumenta monte	50	Max WS	TR30_04h	30.70	260.85	262.03		262.30	0.008627	2.29	13.43	12.72	0.71
Fiumenta	Fiumenta monte	50	Max WS	TR30_06h	32.22	260.85	262.12		262.37	0.007507	2.22	14.50	12.87	0.67
Fiumenta	Fiumenta monte	50	Max WS	TR30_09h	32.07	260.85	262.08		262.35	0.008164	2.28	14.07	12.81	0.69
Fiumenta	Fiumenta monte	50	Max WS	TR30_12h	29.93	260.85	261.99		262.27	0.009194	2.31	12.94	12.66	0.73
Fiumenta	Fiumenta monte	50	Max WS	TR200_01h	25.76	260.85	261.90		262.14	0.009323	2.20	11.68	12.49	0.73
Fiumenta	Fiumenta monte	50	Max WS	TR200_02h	57.86	260.85	262.77		263.08	0.005894	2.49	23.20	13.98	0.62
Fiumenta	Fiumenta monte	50	Max WS	TR200_03h	69.69	260.85	263.02		263.36	0.005459	2.61	26.77	14.50	0.61
Fiumenta	Fiumenta monte	50	Max WS	TR200_06h	69.35	260.85	262.99		263.35	0.005613	2.63	26.44	14.46	0.61
Fiumenta	Fiumenta monte	50	Max WS	TR200_09h	64.42	260.85	262.88		263.22	0.005943	2.61	24.74	14.21	0.63
Fiumenta	Fiumenta monte	50	Max WS	TR200_12h	58.59	260.85	262.75		263.08	0.006183	2.55	22.99	13.95	0.63
Fiumenta	Fiumenta monte	49.5	Max WS	TR30_01h	6.29	259.95	260.66		260.75	0.007900	1.34	4.71	9.45	0.60
Fiumenta	Fiumenta monte	49.5	Max WS	TR30_02h	19.44	259.95	261.11		261.32	0.009888	2.02	9.63	12.20	0.72
Fiumenta	Fiumenta monte	49.5	Max WS	TR30_03h	29.21	259.95	261.39		261.64	0.009532	2.20	13.29	14.21	0.73
Fiumenta	Fiumenta monte	49.5	Max WS	TR30_04h	33.25	259.95	261.63		261.83	0.006145	1.98	16.79	14.80	0.59
Fiumenta	Fiumenta monte	49.5	Max WS	TR30_06h	35.15	259.95	261.75		261.93	0.004977	1.89	18.61	14.82	0.54
Fiumenta	Fiumenta monte	49.5	Max WS	TR30_09h	34.55	259.95	261.72		261.91	0.005173	1.90	18.18	14.81	0.55
Fiumenta	Fiumenta monte	49.5	Max WS	TR30_12h	32.23	259.95	261.53		261.76	0.007619	2.10	15.38	14.79	0.66
Fiumenta	Fiumenta monte	49.5	Max WS	TR200_01h	28.48	259.95	261.38		261.62	0.009399	2.17	13.11	14.11	0.72
Fiumenta	Fiumenta monte	49.5	Max WS	TR200_02h	63.67	259.95	262.50		262.73	0.003828	2.14	29.76	14.91	0.48
Fiumenta	Fiumenta monte	49.5	Max WS	TR200_03h	75.90	259.95	262.77		263.03	0.003716	2.25	33.75	14.94	0.48
Fiumenta	Fiumenta monte	49.5	Max WS	TR200_06h	74.89	259.95	262.75		263.00	0.003730	2.24	33.41	14.94	0.48
Fiumenta	Fiumenta monte	49.5	Max WS	TR200_09h	69.33	259.95	262.62		262.86	0.003822	2.20	31.49	14.92	0.48
Fiumenta	Fiumenta monte	49.5	Max WS	TR200_12h	63.05	259.95	262.49		262.72	0.003837	2.13	29.54	14.90	0.48
Fiumenta	Fiumenta monte	49	Max WS	TR30_01h	6.32	259.71	260.60	260.42	260.68	0.006097	1.25	5.05	11.83	0.55
Fiumenta	Fiumenta monte	49	Max WS	TR30_02h	19.45	259.71	261.02	260.82	261.26	0.009515	2.17	8.96	12.85	0.71
Fiumenta	Fiumenta monte	49	Max WS	TR30_03h	29.26	259.71	261.28	261.06	261.61	0.011050	2.54	11.50	13.55	0.78
Fiumenta	Fiumenta monte	49	Max WS	TR30_04h	33.27	259.71	261.50	261.17	261.79	0.007728	2.41	13.83	13.66	0.67
Fiumenta	Fiumenta monte	49	Max WS	TR30_06h	35.17	259.71	261.62	261.23	261.90	0.006451	2.33	15.10	13.72	0.62
Fiumenta	Fiumenta monte	49	Max WS	TR30_09h	34.57	259.71	261.59	261.19	261.87	0.006657	2.34	14.80	13.71	0.63
Fiumenta	Fiumenta monte	49	Max WS	TR30_12h	32.24	259.71	261.41	261.14	261.73	0.009217	2.50	12.87	13.62	0.72
Fiumenta	Fiumenta monte	49	Max WS	TR200_01h	28.49	259.71	261.26	261.04	261.58	0.010882	2.51	11.37	13.54	0.77
Fiumenta	Fiumenta monte	49	Max WS	TR200_02h	63.71	259.71	262.30	261.74	262.72	0.005834	2.87	22.22	14.06	0.63
Fiumenta	Fiumenta monte	49	Max WS	TR200_03h	75.94	259.71	262.54	261.93	263.02	0.005794	3.07	24.74	14.18	0.64
Fiumenta	Fiumenta monte	49	Max WS	TR200_06h	74.94	259.71	262.50	261.92	262.99	0.005805	3.05	24.53	14.17	0.64
Fiumenta	Fiumenta monte	49	Max WS	TR200_09h	69.36	259.71	262.40	261.83	262.85	0.005899	2.98	23.31	14.11	0.64
Fiumenta	Fiumenta monte	49	Max WS	TR200_12h	63.08	259.71	262.28	261.72	262.70	0.005840	2.86	22.08	14.06	0.63
Fiumenta	Fiumenta monte	48			Bridge									
Fiumenta	Fiumenta monte	47	Max WS	TR30_01h	6.32	259.72	260.41		260.54	0.012730	1.58	4.00	12.58	0.77
Fiumenta	Fiumenta monte	47	Max WS	TR30_02h	19.45	259.72	260.87		261.14	0.011412	2.31	8.41	13.60	0.80
Fiumenta	Fiumenta monte	47	Max WS	TR30_03h	29.27	259.72	261.14		261.50	0.011156	2.65	11.06	14.24	0.81
Fiumenta	Fiumenta monte	47	Max WS	TR30_04h	33.27	259.72	261.23		261.62	0.011493	2.77	12.03	14.36	0.83
Fiumenta	Fiumenta monte	47	Max WS	TR30_06h	37.68	259.72	261.32		261.75	0.011705	2.92	12.89	14.46	0.84
Fiumenta	Fiumenta monte	47	Max WS	TR30_09h	34.57	259.72	261.27		261.66	0.011321	2.80	12.37	14.40	0.82
Fiumenta	Fiumenta monte	47	Max WS	TR30_12h	32.24	259.72	261.21		261.59	0.011571	2.74	11.78	14.33	0.83
Fiumenta	Fiumenta monte	47	Max WS	TR200_01h	28.49	259.72	261.12		261.47	0.010871	2.63	10.83	13.90	0.80
Fiumenta	Fiumenta monte	47	Max WS	TR200_02h	63.71	259.72	261.83		262.45	0.010395	3.48	18.31	15.11	0.84
Fiumenta	Fiumenta monte	47	Max WS											

HEC-RAS Profile: Max WS (Continued)

River	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
Fiumenta	Fiumenta monte	46	Max WS	TR30_04h	33.29	259.55	261.08		261.32	0.006932	2.13	15.63	13.54	0.63
Fiumenta	Fiumenta monte	46	Max WS	TR30_06h	36.94	259.55	261.16		261.41	0.006997	2.22	16.66	13.59	0.64
Fiumenta	Fiumenta monte	46	Max WS	TR30_09h	34.60	259.55	261.12		261.35	0.006871	2.15	16.07	13.56	0.63
Fiumenta	Fiumenta monte	46	Max WS	TR30_12h	32.27	259.55	261.06		261.29	0.006924	2.11	15.32	13.52	0.63
Fiumenta	Fiumenta monte	46	Max WS	TR200_01h	28.50	259.55	260.98		261.18	0.006896	2.01	14.17	13.46	0.63
Fiumenta	Fiumenta monte	46	Max WS	TR200_02h	63.75	259.55	261.66		262.03	0.007217	2.71	23.54	13.96	0.67
Fiumenta	Fiumenta monte	46	Max WS	TR200_03h	76.01	259.55	261.85		262.28	0.007396	2.90	26.24	14.10	0.68
Fiumenta	Fiumenta monte	46	Max WS	TR200_06h	75.00	259.55	261.84		262.26	0.007384	2.88	26.02	14.09	0.68
Fiumenta	Fiumenta monte	46	Max WS	TR200_09h	69.42	259.55	261.75		262.15	0.007302	2.80	24.81	14.03	0.67
Fiumenta	Fiumenta monte	46	Max WS	TR200_12h	63.12	259.55	261.65		262.02	0.007209	2.70	23.40	13.95	0.67
Fiumenta	Fiumenta monte	45.5	Max WS	TR30_01h	6.47	259.57	260.09	259.94	260.16	0.006679	1.18	5.47	12.15	0.56
Fiumenta	Fiumenta monte	45.5	Max WS	TR30_02h	19.50	259.57	260.58	260.29	260.72	0.005602	1.65	11.80	13.60	0.57
Fiumenta	Fiumenta monte	45.5	Max WS	TR30_03h	29.36	259.57	260.85	260.49	261.03	0.005516	1.89	15.56	14.39	0.58
Fiumenta	Fiumenta monte	45.5	Max WS	TR30_04h	33.36	259.57	260.94	260.57	261.14	0.005565	1.98	16.90	16.87	0.59
Fiumenta	Fiumenta monte	45.5	Max WS	TR30_06h	36.77	259.57	261.02	260.63	261.23	0.005499	2.05	18.35	19.44	0.59
Fiumenta	Fiumenta monte	45.5	Max WS	TR30_09h	34.66	259.57	260.97	260.59	261.17	0.005536	2.01	17.45	19.36	0.59
Fiumenta	Fiumenta monte	45.5	Max WS	TR30_12h	32.33	259.57	260.92	260.55	261.11	0.005563	1.96	16.53	16.10	0.59
Fiumenta	Fiumenta monte	45.5	Max WS	TR200_01h	28.51	259.57	260.83	260.47	261.01	0.005482	1.86	15.29	14.34	0.58
Fiumenta	Fiumenta monte	45.5	Max WS	TR200_02h	63.86	259.57	261.52	261.08	261.80	0.005156	2.42	28.91	21.96	0.60
Fiumenta	Fiumenta monte	45.5	Max WS	TR200_03h	76.15	259.57	261.71	261.26	262.02	0.005075	2.56	33.10	22.17	0.60
Fiumenta	Fiumenta monte	45.5	Max WS	TR200_06h	75.13	259.57	261.69	261.24	262.01	0.005080	2.55	32.77	22.15	0.60
Fiumenta	Fiumenta monte	45.5	Max WS	TR200_09h	69.53	259.57	261.61	261.14	261.91	0.005116	2.49	30.88	22.06	0.60
Fiumenta	Fiumenta monte	45.5	Max WS	TR200_12h	63.22	259.57	261.51	261.07	261.79	0.005162	2.42	28.68	21.95	0.60
Fiumenta	Fiumenta monte	45.3			Inl Struct									
Fiumenta	Fiumenta monte	45	Max WS	TR30_01h	6.47	259.01	259.42		259.55	0.016475	1.58	4.09	11.58	0.85
Fiumenta	Fiumenta monte	45	Max WS	TR30_02h	19.50	259.01	259.75	259.73	260.05	0.017125	2.41	8.10	12.32	0.95
Fiumenta	Fiumenta monte	45	Max WS	TR30_03h	29.36	259.01	259.97	259.94	260.34	0.015976	2.72	10.79	12.79	0.95
Fiumenta	Fiumenta monte	45	Max WS	TR30_04h	33.36	259.01	260.05	260.01	260.45	0.015512	2.82	11.83	12.97	0.94
Fiumenta	Fiumenta monte	45	Max WS	TR30_06h	36.88	259.01	260.12	260.07	260.54	0.015227	2.90	12.71	13.12	0.94
Fiumenta	Fiumenta monte	45	Max WS	TR30_09h	34.66	259.01	260.07	260.04	260.49	0.015372	2.85	12.17	13.03	0.94
Fiumenta	Fiumenta monte	45	Max WS	TR30_12h	32.33	259.01	260.03	259.99	260.43	0.015650	2.80	11.56	12.92	0.94
Fiumenta	Fiumenta monte	45	Max WS	TR200_01h	28.51	259.01	259.95	259.92	260.32	0.016116	2.70	10.55	12.75	0.95
Fiumenta	Fiumenta monte	45	Max WS	TR200_02h	63.86	259.01	260.62		261.16	0.012410	3.26	19.57	14.23	0.89
Fiumenta	Fiumenta monte	45	Max WS	TR200_03h	76.15	259.01	260.83		261.41	0.011564	3.37	22.57	14.69	0.87
Fiumenta	Fiumenta monte	45	Max WS	TR200_06h	75.13	259.01	260.81		261.39	0.011625	3.36	22.33	14.65	0.87
Fiumenta	Fiumenta monte	45	Max WS	TR200_09h	69.53	259.01	260.72		261.28	0.011958	3.31	20.99	14.45	0.88
Fiumenta	Fiumenta monte	45	Max WS	TR200_12h	63.22	259.01	260.61		261.15	0.012475	3.26	19.41	14.20	0.89
Fiumenta	Fiumenta monte	40.2			Lat Struct									
Fiumenta	Fiumenta monte	40	Max WS	TR30_01h	6.86	256.87	257.56		257.81	0.018494	2.22	3.09	4.87	0.89
Fiumenta	Fiumenta monte	40	Max WS	TR30_02h	19.64	256.87	258.09	258.10	258.58	0.021597	3.07	6.39	6.79	1.01
Fiumenta	Fiumenta monte	40	Max WS	TR30_03h	29.62	256.87	258.37	258.41	259.02	0.022432	3.56	8.31	6.93	1.04
Fiumenta	Fiumenta monte	40	Max WS	TR30_04h	33.60	256.87	258.47	258.52	259.18	0.022795	3.73	9.00	6.98	1.05
Fiumenta	Fiumenta monte	40	Max WS	TR30_06h	36.90	256.87	258.55	258.61	259.31	0.023111	3.86	9.55	7.02	1.06
Fiumenta	Fiumenta monte	40	Max WS	TR30_09h	34.91	256.87	258.50	258.55	259.24	0.022912	3.79	9.22	6.99	1.05
Fiumenta	Fiumenta monte	40	Max WS	TR30_12h	32.55	256.87	258.45	258.49	259.14	0.022710	3.69	8.82	6.97	1.05
Fiumenta	Fiumenta monte	40	Max WS	TR200_01h	28.58	256.87	258.35	258.38	258.98	0.022385	3.52	8.12	6.92	1.04
Fiumenta	Fiumenta monte	40	Max WS	TR200_02h	64.28	256.87	259.12	259.25	260.26	0.025277	4.73	13.60	7.30	1.11
Fiumenta	Fiumenta monte	40	Max WS	TR200_03h	76.54	256.87	259.33	259.51	260.63	0.026192	5.04	15.19	7.41	1.12
Fiumenta	Fiumenta monte	40	Max WS	TR200_06h	75.51	256.87	259.32	259.49	260.60	0.026119	5.01	15.06	7.40	1.12
Fiumenta	Fiumenta monte	40	Max WS	TR200_09h	69.98	256.87	259.22	259.37	260.43	0.025722	4.88	14.35	7.35	1.11
Fiumenta	Fiumenta monte	40	Max WS	TR200_12h	63.62	256.87	259.10	259.24	260.24	0.025238	4.71	13.51	7.30	1.11
Fiumenta	Fiumenta monte	35	Max WS	TR30_01h	7.28	255.20	255.75	255.76	255.96	0.022873	2.02	3.60	8.95	1.02
Fiumenta	Fiumenta monte	35	Max WS	TR30_02h	19.79	255.20	256.13	256.15	256.50	0.020523	2.70	7.34	10.78	1.04
Fiumenta	Fiumenta monte	35	Max WS	TR30_03h	29.88	255.20	256.37	256.39	256.82	0.018850	2.97	10.07	11.95	1.03
Fiumenta	Fiumenta monte	35	Max WS	TR30_04h	33.84	255.20	256.46	256.48	256.93	0.018292	3.05	11.11	12.36	1.03
Fiumenta	Fiumenta monte	35	Max WS	TR30_06h	37.03	255.20	256.52	256.54	257.01	0.017913	3.11	11.92	12.67	1.02
Fiumenta	Fiumenta monte	35	Max WS	TR30_09h	35.16	255.20	256.48	256.50	256.96	0.018108	3.07	11.45	12.49	1.02
Fiumenta	Fiumenta monte	35	Max WS	TR30_12h	32.78	255.20	256.43	256.45	256.90	0.018437	3.03	10.83	12.25	1.03
Fiumenta	Fiumenta monte	35	Max WS	TR200_01h	28.66	255.20	256.34	256.37	256.78	0.019081	2.94	9.74	11.81	1.03
Fiumenta	Fiumenta monte	35	Max WS	TR200_02h	64.73	255.20	257.02	257.00	257.62	0.015048	3.42	18.91	15.10	0.98
Fiumenta	Fiumenta monte	35	Max WS	TR200_03h	77.13	255.20	257.22	257.18	257.85	0.014040	3.52	21.93	15.92	0.96
Fiumenta	Fiumenta monte	35	Max WS	TR200_06h	76.04	255.20	257.20	257.16	257.83	0.014137	3.51	21.67	15.87	0.96
Fiumenta	Fiumenta monte	35	Max WS	TR200_09h	70.45	255.20	257.12	257.08	257.73	0.014610	3.47	20.31	15.55	0.97
Fiumenta	Fiumenta monte	35	Max WS	TR200_12h	64.03	255.20	257.01	256.99	257.61	0.015108	3.42	18.73	15.05	0.98
Fiumenta	Fiumenta monte	34.8	Max WS	TR30_01h	7.43	254.71	255.17	255.02	255.24	0.006658	1.16	6.39	14.44	0.56
Fiumenta	Fiumenta monte	34.8	Max WS	TR30_02h	19.85	254.71	255.58	255.30	255.71	0.005618	1.59	12.48	15.22	0.56
Fiumenta	Fiumenta monte	34.8	Max WS	TR30_03h	29.98	254.71	255.84	255.48	256.01	0.005277	1.81	16.58	15.72	0.56
Fiumenta	Fiumenta monte	34.8	Max WS	TR30_04h	33.93	254.71	255.94	255.55	256.12	0.005182	1.88	18.07	15.90	0.56
Fiumenta	Fiumenta monte	34.8	Max WS	TR30_06h	37.08	254.71	256.01	255.60	256.20	0.005124	1.93	19.21	16.04	0.56
Fiumenta	Fiumenta monte	34.8	Max WS	TR30_09h	35.26	254.71	255.97	255.57	256.15	0.005155	1.90	18.56	15.96	0.56
Fiumenta	Fiumenta monte	34.8	Max WS	TR30_12h	32.86	254.71	255.91	255.53	256.09	0.005205	1.86	17.68	15.85	0.56
Fiumenta	Fiumenta monte	34.8	Max WS	TR200_01h	28.68	254.71	255.81	255.46	255.97	0.005310	1.78	16.09	15.66	0.56
Fiumenta	Fiumenta monte	34.8	Max WS	TR200_02h	64.89	254.71	256.56	255.99	256.83	0.004806	2.29	28.35	17.09	0.57
Fiumenta	Fiumenta monte	34.8	Max WS	TR200_03h	77.35	254.71	256.77	256.14	257.07	0.004736	2.41	32.04	17.51	0.57
Fiumenta	Fiumenta monte	34.8	Max WS	TR200_06h	76.24	254.71	256.75	256.13	257.05	0.004741	2.40	31.72	17.47	0.57
Fiumenta	Fiumenta monte	34.8	Max WS	TR200_09h	70.62	254.71	256.66	256.06	256.94	0.004772	2.35	30.07	17.28	0.57
Fiumenta	Fiumenta monte	34.8	Max WS	TR200_12h	64.18	254.71	256.55	255.98	256.81	0.004808	2.28	28.13	17.06	0.57
Fiumenta	Fiumenta monte	34.7			Inl Struct									
Fiumenta	Fiumenta monte	34.6	Max WS	TR30_01h	7.43	254.24	254.60		254.71	0.014812	1.49	4.98	14.21	0.80
Fiumenta	Fiumenta monte	34.6	Max WS	TR30_02h	19.85	254.24	254.92		255.14	0.012708	2.06	9.63	14.78	0.82
Fiumenta	Fiumenta monte	34.6	Max WS	TR30_03h	29.98	254.24	255.13		255.41	0.011847	2.35	12.78	15.16	0.82
Fiumenta	Fiumenta monte	34.6	Max WS	TR30_04h	33.93	254.24	255.20		255.51	0.011618	2.44	13.91	15.29	0.82
Fiumenta	Fiumenta monte	34.6	Max WS											

HEC-RAS Profile: Max WS (Continued)

River	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
Fiumenta	Fiumenta monte	29.5	Max WS	TR30_01h	7.61	253.55	254.14		254.21	0.004881	1.16	6.58	11.68	0.49
Fiumenta	Fiumenta monte	29.5	Max WS	TR30_02h	19.91	253.55	254.47		254.65	0.007773	1.90	10.48	12.29	0.66
Fiumenta	Fiumenta monte	29.5	Max WS	TR30_03h	30.09	253.55	254.68		254.95	0.008806	2.29	13.16	12.69	0.72
Fiumenta	Fiumenta monte	29.5	Max WS	TR30_04h	34.03	253.55	254.76		255.05	0.009070	2.41	14.13	12.84	0.73
Fiumenta	Fiumenta monte	29.5	Max WS	TR30_06h	37.16	253.55	254.82		255.13	0.009219	2.50	14.89	12.95	0.74
Fiumenta	Fiumenta monte	29.5	Max WS	TR30_09h	35.37	253.55	254.78		255.09	0.009143	2.45	14.45	12.88	0.74
Fiumenta	Fiumenta monte	29.5	Max WS	TR30_12h	32.96	253.55	254.74		255.02	0.009017	2.38	13.86	12.80	0.73
Fiumenta	Fiumenta monte	29.5	Max WS	TR200_01h	28.72	253.55	254.65		254.91	0.008715	2.24	12.81	12.64	0.71
Fiumenta	Fiumenta monte	29.5	Max WS	TR200_02h	65.09	253.55	255.27		255.76	0.010044	3.10	21.02	13.81	0.80
Fiumenta	Fiumenta monte	29.5	Max WS	TR200_03h	77.61	253.55	255.45		256.01	0.010284	3.30	23.49	14.14	0.82
Fiumenta	Fiumenta monte	29.5	Max WS	TR200_06h	76.48	253.55	255.44		255.99	0.010267	3.29	23.27	14.11	0.82
Fiumenta	Fiumenta monte	29.5	Max WS	TR200_09h	70.83	253.55	255.36		255.88	0.010160	3.19	22.17	13.96	0.81
Fiumenta	Fiumenta monte	29.5	Max WS	TR200_12h	64.35	253.55	255.26		255.75	0.010032	3.08	20.87	13.79	0.80
Fiumenta	Fiumenta monte	29	Max WS	TR30_01h	7.65	253.48	254.08	253.89	254.16	0.005649	1.21	6.30	11.63	0.53
Fiumenta	Fiumenta monte	29	Max WS	TR30_02h	19.93	253.48	254.37	254.21	254.58	0.009920	2.06	9.69	12.17	0.74
Fiumenta	Fiumenta monte	29	Max WS	TR30_03h	30.11	253.48	254.58	254.43	254.88	0.010840	2.45	12.30	12.56	0.79
Fiumenta	Fiumenta monte	29	Max WS	TR30_04h	34.06	253.48	254.65	254.50	254.99	0.011041	2.57	13.25	12.70	0.80
Fiumenta	Fiumenta monte	29	Max WS	TR30_06h	37.19	253.48	254.71	254.56	255.07	0.011172	2.66	13.98	12.81	0.81
Fiumenta	Fiumenta monte	29	Max WS	TR30_09h	35.40	253.48	254.68	254.53	255.02	0.011099	2.61	13.57	12.75	0.81
Fiumenta	Fiumenta monte	29	Max WS	TR30_12h	32.99	253.48	254.63	254.48	254.96	0.010998	2.54	12.99	12.66	0.80
Fiumenta	Fiumenta monte	29	Max WS	TR200_01h	28.72	253.48	254.55	254.40	254.84	0.010781	2.40	11.95	12.51	0.79
Fiumenta	Fiumenta monte	29	Max WS	TR200_02h	65.14	253.48	255.16	255.01	255.70	0.011760	3.27	19.94	13.65	0.86
Fiumenta	Fiumenta monte	29	Max WS	TR200_03h	77.67	253.48	255.33	255.19	255.95	0.011925	3.48	22.35	13.98	0.88
Fiumenta	Fiumenta monte	29	Max WS	TR200_06h	76.53	253.48	255.32	255.17	255.93	0.011918	3.46	22.13	13.95	0.88
Fiumenta	Fiumenta monte	29	Max WS	TR200_09h	70.87	253.48	255.24	255.10	255.82	0.011846	3.37	21.06	13.80	0.87
Fiumenta	Fiumenta monte	29	Max WS	TR200_12h	64.40	253.48	255.15	255.00	255.69	0.011755	3.25	19.79	13.63	0.86
Fiumenta	Fiumenta monte	25	Max WS	TR30_01h	7.70	253.48	253.84	253.89	254.08	0.036802	2.18	3.52	11.18	1.24
Fiumenta	Fiumenta monte	25	Max WS	TR30_02h	19.95	253.48	254.17	254.21	254.55	0.023579	2.71	7.35	11.80	1.10
Fiumenta	Fiumenta monte	25	Max WS	TR30_03h	30.14	253.48	254.40	254.43	254.85	0.020260	3.00	10.05	12.22	1.06
Fiumenta	Fiumenta monte	25	Max WS	TR30_04h	34.10	253.48	254.47	254.50	254.96	0.019511	3.10	11.02	12.37	1.05
Fiumenta	Fiumenta monte	25	Max WS	TR30_06h	37.21	253.48	254.53	254.56	255.04	0.019045	3.17	11.75	12.48	1.04
Fiumenta	Fiumenta monte	25	Max WS	TR30_09h	35.42	253.48	254.50	254.53	255.00	0.019313	3.13	11.33	12.42	1.05
Fiumenta	Fiumenta monte	25	Max WS	TR30_12h	33.01	253.48	254.45	254.48	254.93	0.019709	3.07	10.75	12.33	1.05
Fiumenta	Fiumenta monte	25	Max WS	TR200_01h	28.73	253.48	254.37	254.40	254.81	0.020623	2.97	9.69	12.17	1.06
Fiumenta	Fiumenta monte	25	Max WS	TR200_02h	65.18	253.48	254.99	255.01	255.69	0.016905	3.69	17.67	13.34	1.02
Fiumenta	Fiumenta monte	25	Max WS	TR200_03h	77.73	253.48	255.17	255.19	255.93	0.016521	3.88	20.03	13.66	1.02
Fiumenta	Fiumenta monte	25	Max WS	TR200_06h	76.59	253.48	255.15	255.18	255.91	0.016555	3.86	19.82	13.63	1.02
Fiumenta	Fiumenta monte	25	Max WS	TR200_09h	70.92	253.48	255.07	255.10	255.80	0.016713	3.78	18.77	13.49	1.02
Fiumenta	Fiumenta monte	25	Max WS	TR200_12h	64.44	253.48	254.98	255.00	255.67	0.016939	3.68	17.53	13.32	1.02
Fiumenta	Fiumenta monte	24.7	Max WS	TR30_01h	7.72	253.19	253.66		253.77	0.011126	1.51	5.12	11.41	0.72
Fiumenta	Fiumenta monte	24.7	Max WS	TR30_02h	19.95	253.19	254.02		254.25	0.010747	2.11	9.44	12.07	0.76
Fiumenta	Fiumenta monte	24.7	Max WS	TR30_03h	30.16	253.19	254.26		254.56	0.010830	2.45	12.30	12.48	0.79
Fiumenta	Fiumenta monte	24.7	Max WS	TR30_04h	34.12	253.19	254.34		254.67	0.010892	2.56	13.30	12.63	0.80
Fiumenta	Fiumenta monte	24.7	Max WS	TR30_06h	37.22	253.19	254.40		254.75	0.010932	2.65	14.07	12.73	0.80
Fiumenta	Fiumenta monte	24.7	Max WS	TR30_09h	35.44	253.19	254.36		254.71	0.010921	2.60	13.63	12.67	0.80
Fiumenta	Fiumenta monte	24.7	Max WS	TR30_12h	33.03	253.19	254.32		254.64	0.010884	2.54	13.03	12.59	0.80
Fiumenta	Fiumenta monte	24.7	Max WS	TR200_01h	28.74	253.19	254.23		254.52	0.010830	2.41	11.92	12.43	0.79
Fiumenta	Fiumenta monte	24.7	Max WS	TR200_02h	65.21	253.19	254.86		255.39	0.011374	3.24	20.14	13.56	0.85
Fiumenta	Fiumenta monte	24.7	Max WS	TR200_03h	77.77	253.19	255.03		255.64	0.011579	3.45	22.54	13.87	0.86
Fiumenta	Fiumenta monte	24.7	Max WS	TR200_06h	76.62	253.19	255.02		255.62	0.011564	3.43	22.33	13.85	0.86
Fiumenta	Fiumenta monte	24.7	Max WS	TR200_09h	70.95	253.19	254.94		255.51	0.011472	3.34	21.26	13.71	0.86
Fiumenta	Fiumenta monte	24.7	Max WS	TR200_12h	64.46	253.19	254.85		255.38	0.011362	3.22	19.99	13.54	0.85
Fiumenta	Fiumenta monte	20	Max WS	TR30_01h	8.12	251.25	251.78		251.92	0.013231	1.68	4.84	10.63	0.79
Fiumenta	Fiumenta monte	20	Max WS	TR30_02h	20.10	251.25	252.17		252.40	0.011541	2.14	9.38	12.75	0.80
Fiumenta	Fiumenta monte	20	Max WS	TR30_03h	30.40	251.25	252.43		252.71	0.010655	2.36	12.87	14.17	0.79
Fiumenta	Fiumenta monte	20	Max WS	TR30_04h	34.42	251.25	252.52		252.82	0.010315	2.42	14.21	14.67	0.79
Fiumenta	Fiumenta monte	20	Max WS	TR30_06h	37.47	251.25	252.58		252.89	0.010132	2.47	15.15	14.94	0.78
Fiumenta	Fiumenta monte	20	Max WS	TR30_09h	35.68	251.25	252.55		252.85	0.010243	2.44	14.61	14.82	0.79
Fiumenta	Fiumenta monte	20	Max WS	TR30_12h	33.25	251.25	252.49		252.79	0.010424	2.41	13.81	14.53	0.79
Fiumenta	Fiumenta monte	20	Max WS	TR200_01h	28.81	251.25	252.39		252.67	0.010766	2.33	12.35	13.96	0.79
Fiumenta	Fiumenta monte	20	Max WS	TR200_02h	65.66	251.25	253.08		253.50	0.008976	2.86	22.96	16.36	0.77
Fiumenta	Fiumenta monte	20	Max WS	TR200_03h	78.34	251.25	253.27		253.73	0.008705	2.99	26.16	16.91	0.77
Fiumenta	Fiumenta monte	20	Max WS	TR200_06h	77.13	251.25	253.26		253.71	0.008733	2.98	25.86	16.86	0.77
Fiumenta	Fiumenta monte	20	Max WS	TR200_09h	71.40	251.25	253.17		253.61	0.008838	2.92	24.43	16.62	0.77
Fiumenta	Fiumenta monte	20	Max WS	TR200_12h	64.85	251.25	253.07		253.48	0.008998	2.85	22.75	16.33	0.77
Fiumenta	Fiumenta monte	19	Max WS	TR30_01h	8.18	251.05	251.60	251.51	251.74	0.011900	1.65	4.97	10.28	0.76
Fiumenta	Fiumenta monte	19	Max WS	TR30_02h	20.13	251.05	252.01	251.86	252.24	0.010357	2.11	9.55	12.15	0.76
Fiumenta	Fiumenta monte	19	Max WS	TR30_03h	30.43	251.05	252.28	252.09	252.56	0.009698	2.34	13.02	13.40	0.76
Fiumenta	Fiumenta monte	19	Max WS	TR30_04h	34.47	251.05	252.38	252.17	252.67	0.009432	2.40	14.35	13.84	0.75
Fiumenta	Fiumenta monte	19	Max WS	TR30_06h	37.51	251.05	252.44	252.23	252.75	0.009362	2.46	15.27	14.15	0.76
Fiumenta	Fiumenta monte	19	Max WS	TR30_09h	35.72	251.05	252.41	252.19	252.71	0.009385	2.42	14.74	13.97	0.75
Fiumenta	Fiumenta monte	19	Max WS	TR30_12h	33.28	251.05	252.35	252.15	252.64	0.009518	2.39	13.95	13.71	0.76
Fiumenta	Fiumenta monte	19	Max WS	TR200_01h	28.83	251.05	252.24	252.06	252.51	0.009769	2.31	12.50	13.22	0.76
Fiumenta	Fiumenta monte	19	Max WS	TR200_02h	65.72	251.05	252.96	252.68	253.37	0.008671	2.86	23.00	15.83	0.76
Fiumenta	Fiumenta monte	19	Max WS	TR200_03h	78.42	251.05	253.15	252.85	253.61	0.008503	3.00	26.14	16.39	0.76
Fiumenta	Fiumenta monte	19	Max WS	TR200_06h	77.21	251.05	253.13	252.83	253.59	0.008518	2.99	25.84	16.34	0.76
Fiumenta	Fiumenta monte	19	Max WS	TR200_09h	71.47	251.05	253.05	252.76	253.48	0.008572	2.92	24.45	16.09	0.76
Fiumenta	Fiumenta monte	19	Max WS	TR200_12h	64.91	251.05	252.95	252.67	253.36	0.008685	2.85	22.79	15.79	0.76
Fiumenta	Fiumenta monte	18			Bridge									
Fiumenta	Fiumenta monte	16	Max WS	TR30_01h	8.18	250.66	251.31		251.39	0.005857	1.31	6.26	10.69	0.55
Fiumenta	Fiumenta monte	16	Max WS	TR30_02h	20.13	250.66	251.73		251.86	0.007578	1.57	12.82	22.04	0.63
Fiumenta	Fiumenta monte	16	Max WS	TR30_03h	30.43	250.66	251.91		252.08	0.007841	1.83	16.60	23.23	0.67
Fiumenta	Fiumenta monte	16	Max WS											

HEC-RAS Profile: Max WS (Continued)

River	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
Fiumenta	Fiumenta monte	15	Max WS	TR30_02h	20.14	250.59	251.65		251.81	0.011264	1.77	11.38	20.28	0.75
Fiumenta	Fiumenta monte	15	Max WS	TR30_03h	30.45	250.59	251.83		252.03	0.011432	1.98	15.38	23.19	0.78
Fiumenta	Fiumenta monte	15	Max WS	TR30_04h	34.49	250.59	251.89		252.11	0.011032	2.05	16.79	23.22	0.77
Fiumenta	Fiumenta monte	15	Max WS	TR30_06h	37.51	250.59	251.94		252.16	0.010845	2.11	17.77	23.24	0.77
Fiumenta	Fiumenta monte	15	Max WS	TR30_09h	35.74	250.59	251.91		252.13	0.010951	2.08	17.20	23.23	0.77
Fiumenta	Fiumenta monte	15	Max WS	TR30_12h	33.30	250.59	251.88		252.09	0.011143	2.03	16.38	23.21	0.77
Fiumenta	Fiumenta monte	15	Max WS	TR200_01h	28.83	250.59	251.81		252.00	0.011651	1.95	14.79	23.18	0.78
Fiumenta	Fiumenta monte	15	Max WS	TR200_02h	65.76	250.59	252.31		252.62	0.009229	2.49	26.46	23.41	0.75
Fiumenta	Fiumenta monte	15	Max WS	TR200_03h	78.47	250.59	252.47		252.81	0.008627	2.60	30.17	23.48	0.73
Fiumenta	Fiumenta monte	15	Max WS	TR200_06h	77.25	250.59	252.45		252.79	0.008687	2.59	29.81	23.48	0.73
Fiumenta	Fiumenta monte	15	Max WS	TR200_09h	71.50	250.59	252.38		252.71	0.008952	2.54	28.14	23.44	0.74
Fiumenta	Fiumenta monte	15	Max WS	TR200_12h	64.94	250.59	252.30		252.61	0.009280	2.48	26.21	23.41	0.75
Fiumenta	Fiumenta monte	10	Max WS	TR30_01h	8.56	249.57	250.37		250.47	0.015561	1.40	6.13	20.00	0.81
Fiumenta	Fiumenta monte	10	Max WS	TR30_02h	20.27	249.57	250.64		250.80	0.010576	1.74	11.68	20.30	0.73
Fiumenta	Fiumenta monte	10	Max WS	TR30_03h	30.65	249.57	250.86		251.05	0.008496	1.90	16.13	20.53	0.68
Fiumenta	Fiumenta monte	10	Max WS	TR30_04h	34.75	249.57	250.94		251.14	0.007916	1.95	17.83	20.61	0.67
Fiumenta	Fiumenta monte	10	Max WS	TR30_06h	37.70	249.57	251.00		251.20	0.007613	1.99	18.99	20.67	0.66
Fiumenta	Fiumenta monte	10	Max WS	TR30_09h	35.95	249.57	250.97		251.16	0.007791	1.96	18.30	20.64	0.67
Fiumenta	Fiumenta monte	10	Max WS	TR30_12h	33.49	249.57	250.92		251.11	0.008078	1.93	17.32	20.59	0.67
Fiumenta	Fiumenta monte	10	Max WS	TR200_01h	28.91	249.57	250.83		251.01	0.008816	1.88	15.38	20.49	0.69
Fiumenta	Fiumenta monte	10	Max WS	TR200_02h	66.15	249.57	251.47		251.74	0.006152	2.29	28.92	21.18	0.62
Fiumenta	Fiumenta monte	10	Max WS	TR200_03h	78.96	249.57	251.67		251.96	0.005726	2.38	33.12	21.39	0.61
Fiumenta	Fiumenta monte	10	Max WS	TR200_06h	77.70	249.57	251.65		251.94	0.005761	2.38	32.71	21.37	0.61
Fiumenta	Fiumenta monte	10	Max WS	TR200_09h	71.89	249.57	251.57		251.84	0.005935	2.33	30.84	21.27	0.62
Fiumenta	Fiumenta monte	10	Max WS	TR200_12h	65.28	249.57	251.46		251.73	0.006189	2.28	28.62	21.16	0.63
Fiumenta	Fiumenta monte	9	Max WS	TR30_01h	8.60	249.73	250.24	250.01	250.29	0.003448	0.91	9.44	20.45	0.41
Fiumenta	Fiumenta monte	9	Max WS	TR30_02h	20.28	249.73	250.56	250.23	250.65	0.003988	1.32	15.34	20.76	0.47
Fiumenta	Fiumenta monte	9	Max WS	TR30_03h	30.67	249.73	250.80	250.39	250.92	0.003965	1.54	19.90	20.99	0.48
Fiumenta	Fiumenta monte	9	Max WS	TR30_04h	34.78	249.73	250.88	250.44	251.02	0.003927	1.61	21.61	21.08	0.49
Fiumenta	Fiumenta monte	9	Max WS	TR30_06h	37.73	249.73	250.94	250.48	251.08	0.003928	1.66	22.74	21.13	0.49
Fiumenta	Fiumenta monte	9	Max WS	TR30_09h	35.98	249.73	250.91	250.46	251.04	0.003924	1.63	22.08	21.10	0.49
Fiumenta	Fiumenta monte	9	Max WS	TR30_12h	33.51	249.73	250.86	250.43	250.99	0.003937	1.59	21.09	21.05	0.48
Fiumenta	Fiumenta monte	9	Max WS	TR200_01h	28.92	249.73	250.76	250.36	250.87	0.003994	1.51	19.13	20.95	0.48
Fiumenta	Fiumenta monte	9	Max WS	TR200_02h	66.20	249.73	251.43	250.82	251.64	0.004038	2.05	32.26	21.61	0.51
Fiumenta	Fiumenta monte	9	Max WS	TR200_03h	79.02	249.73	251.63	250.96	251.87	0.004006	2.18	36.25	21.80	0.52
Fiumenta	Fiumenta monte	9	Max WS	TR200_06h	77.75	249.73	251.61	250.94	251.85	0.004008	2.17	35.86	21.78	0.52
Fiumenta	Fiumenta monte	9	Max WS	TR200_09h	71.94	249.73	251.52	250.89	251.75	0.004016	2.11	34.09	21.70	0.51
Fiumenta	Fiumenta monte	9	Max WS	TR200_12h	65.32	249.73	251.42	250.81	251.63	0.004041	2.04	31.97	21.59	0.51
Fiumenta	Fiumenta monte	8			Bridge									
Fiumenta	Fiumenta monte	7	Max WS	TR30_01h	8.60	249.73	250.15		250.21	0.006721	1.12	7.69	20.36	0.55
Fiumenta	Fiumenta monte	7	Max WS	TR30_02h	20.28	249.73	250.47		250.58	0.005767	1.48	13.68	20.67	0.56
Fiumenta	Fiumenta monte	7	Max WS	TR30_03h	30.67	249.73	250.70		250.85	0.005389	1.70	18.07	20.90	0.56
Fiumenta	Fiumenta monte	7	Max WS	TR30_04h	34.78	249.73	250.78		250.94	0.005290	1.77	19.67	20.98	0.56
Fiumenta	Fiumenta monte	7	Max WS	TR30_06h	37.72	249.73	250.84		251.01	0.005224	1.82	20.78	21.03	0.56
Fiumenta	Fiumenta monte	7	Max WS	TR30_09h	35.98	249.73	250.81		250.97	0.005262	1.79	20.13	21.00	0.56
Fiumenta	Fiumenta monte	7	Max WS	TR30_12h	33.51	249.73	250.76		250.91	0.005318	1.75	19.19	20.95	0.56
Fiumenta	Fiumenta monte	7	Max WS	TR200_01h	28.92	249.73	250.66		250.80	0.005440	1.66	17.37	20.86	0.56
Fiumenta	Fiumenta monte	7	Max WS	TR200_02h	66.20	249.73	251.34		251.58	0.004838	2.17	30.44	21.52	0.56
Fiumenta	Fiumenta monte	7	Max WS	TR200_03h	79.02	249.73	251.53		251.80	0.004734	2.30	34.34	21.71	0.56
Fiumenta	Fiumenta monte	7	Max WS	TR200_06h	77.75	249.73	251.52		251.78	0.004743	2.29	33.97	21.69	0.56
Fiumenta	Fiumenta monte	7	Max WS	TR200_09h	71.94	249.73	251.43		251.68	0.004788	2.23	32.21	21.61	0.56
Fiumenta	Fiumenta monte	7	Max WS	TR200_12h	65.32	249.73	251.32		251.56	0.004844	2.17	30.17	21.50	0.56
Fiumenta	Fiumenta monte	6.9	Max WS	TR30_01h	8.60	249.73	250.15	250.01	250.21	0.006771	1.12	7.68	20.36	0.56
Fiumenta	Fiumenta monte	6.9	Max WS	TR30_02h	20.28	249.73	250.47	250.23	250.58	0.005783	1.48	13.66	20.67	0.56
Fiumenta	Fiumenta monte	6.9	Max WS	TR30_03h	30.67	249.73	250.70	250.39	250.85	0.005406	1.70	18.06	20.90	0.56
Fiumenta	Fiumenta monte	6.9	Max WS	TR30_04h	34.78	249.73	250.78	250.44	250.94	0.005300	1.77	19.66	20.98	0.56
Fiumenta	Fiumenta monte	6.9	Max WS	TR30_06h	37.72	249.73	250.84	250.48	251.01	0.005239	1.82	20.77	21.03	0.56
Fiumenta	Fiumenta monte	6.9	Max WS	TR30_09h	35.98	249.73	250.81	250.46	250.97	0.005272	1.79	20.12	21.00	0.56
Fiumenta	Fiumenta monte	6.9	Max WS	TR30_12h	33.51	249.73	250.76	250.43	250.91	0.005333	1.75	19.17	20.95	0.56
Fiumenta	Fiumenta monte	6.9	Max WS	TR200_01h	28.92	249.73	250.66	250.36	250.80	0.005458	1.67	17.35	20.86	0.56
Fiumenta	Fiumenta monte	6.9	Max WS	TR200_02h	66.20	249.73	251.34	250.82	251.58	0.004844	2.18	30.42	21.52	0.56
Fiumenta	Fiumenta monte	6.9	Max WS	TR200_03h	79.02	249.73	251.53	250.96	251.80	0.004740	2.30	34.33	21.71	0.56
Fiumenta	Fiumenta monte	6.9	Max WS	TR200_06h	77.75	249.73	251.52	250.94	251.78	0.004748	2.29	33.96	21.69	0.56
Fiumenta	Fiumenta monte	6.9	Max WS	TR200_09h	71.94	249.73	251.43	250.88	251.68	0.004794	2.23	32.20	21.60	0.56
Fiumenta	Fiumenta monte	6.9	Max WS	TR200_12h	65.32	249.73	251.32	250.81	251.56	0.004850	2.17	30.15	21.50	0.56
Fiumenta	Fiumenta monte	6.5			Inl Struct									
Fiumenta	Fiumenta monte	6	Max WS	TR30_01h	8.60	248.76	249.07		249.17	0.014644	1.37	6.28	20.18	0.78
Fiumenta	Fiumenta monte	6	Max WS	TR30_02h	20.28	248.76	249.32		249.48	0.012030	1.80	11.26	20.36	0.77
Fiumenta	Fiumenta monte	6	Max WS	TR30_03h	30.67	248.76	249.51		249.72	0.010631	2.03	15.09	20.49	0.76
Fiumenta	Fiumenta monte	6	Max WS	TR30_04h	34.78	248.76	249.58		249.80	0.010213	2.11	16.51	20.54	0.75
Fiumenta	Fiumenta monte	6	Max WS	TR30_06h	37.71	248.76	249.62		249.86	0.009975	2.16	17.49	20.58	0.75
Fiumenta	Fiumenta monte	6	Max WS	TR30_09h	35.98	248.76	249.60		249.83	0.010112	2.13	16.92	20.56	0.75
Fiumenta	Fiumenta monte	6	Max WS	TR30_12h	33.51	248.76	249.55		249.78	0.010342	2.08	16.08	20.53	0.75
Fiumenta	Fiumenta monte	6	Max WS	TR200_01h	28.92	248.76	249.48		249.68	0.010838	2.00	14.46	20.47	0.76
Fiumenta	Fiumenta monte	6	Max WS	TR200_02h	66.20	248.76	250.05		250.37	0.008377	2.52	26.26	20.89	0.72
Fiumenta	Fiumenta monte	6	Max WS	TR200_03h	79.02	248.76	250.22		250.57	0.007961	2.65	29.84	21.01	0.71
Fiumenta	Fiumenta monte	6	Max WS	TR200_06h	77.75	248.76	250.20		250.55	0.008002	2.64	29.49	21.00	0.71
Fiumenta	Fiumenta monte	6	Max WS	TR200_09h	71.94	248.76	250.12		250.46	0.008178	2.58	27.88	20.94	0.71
Fiumenta	Fiumenta monte	6	Max WS	TR200_12h	65.32	248.76	250.03		250.36	0.008420	2.51	26.00	20.88	0.72
Fiumenta	Fiumenta monte	5.9	Max WS	TR30_01h	8.73	248.31	248.72	248.60	248.79	0.006741	1.11	7.91	19.99	0.56
Fiumenta	Fiumenta monte	5.9	Max WS	TR30_02h	20.33	248.31	249.03	248.80	249.13	0.005672	1.46	14.04	20.71	0.56
Fiumenta	Fiumenta monte	5.9	Max WS	TR30_03h	30.74	248.31	249.24	248.95	249.39	0.005248	1.67	18.63	21.23	0.56
Fiumenta	Fiumenta monte	5.9	Max WS	TR30_04h	34.88	248.31	249.32	249.01	249.48	0.005128	1.74	20.32	21.41	0.56
Fiumenta	Fiumenta monte	5.9	Max WS	TR30_06h	37.79	248.31	249.38	249.						

HEC-RAS Profile: Max WS (Continued)

River	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
Fiumenta	Fiumenta monte	5.7			Inl Struct									
Fiumenta	Fiumenta monte	5.5	Max WS	TR30_01h	8.73	245.70	245.96	245.99	246.14	0.036185	1.90	4.61	18.00	1.20
Fiumenta	Fiumenta monte	5.5	Max WS	TR30_02h	20.33	245.70	246.13	246.21	246.48	0.035307	2.62	7.77	18.19	1.28
Fiumenta	Fiumenta monte	5.5	Max WS	TR30_03h	30.74	245.70	246.26	246.37	246.73	0.034245	3.04	10.12	18.33	1.31
Fiumenta	Fiumenta monte	5.5	Max WS	TR30_04h	34.88	245.70	246.31	246.43	246.82	0.033765	3.18	10.98	18.38	1.31
Fiumenta	Fiumenta monte	5.5	Max WS	TR30_06h	37.80	245.70	246.34	246.47	246.88	0.033381	3.26	11.58	18.41	1.31
Fiumenta	Fiumenta monte	5.5	Max WS	TR30_09h	36.06	245.70	246.32	246.44	246.85	0.033582	3.21	11.23	18.39	1.31
Fiumenta	Fiumenta monte	5.5	Max WS	TR30_12h	33.59	245.70	246.29	246.41	246.79	0.033929	3.13	10.71	18.36	1.31
Fiumenta	Fiumenta monte	5.5	Max WS	TR200_01h	28.95	245.70	246.24	246.34	246.69	0.034512	2.98	9.73	18.30	1.30
Fiumenta	Fiumenta monte	5.5	Max WS	TR200_02h	66.35	245.70	246.64	246.81	247.40	0.029173	3.87	17.14	18.73	1.29
Fiumenta	Fiumenta monte	5.5	Max WS	TR200_03h	79.20	245.70	246.77	246.95	247.61	0.027357	4.05	19.55	18.86	1.27
Fiumenta	Fiumenta monte	5.5	Max WS	TR200_06h	77.92	245.70	246.76	246.94	247.59	0.027544	4.04	19.31	18.85	1.27
Fiumenta	Fiumenta monte	5.5	Max WS	TR200_09h	72.09	245.70	246.70	246.87	247.50	0.028369	3.96	18.22	18.79	1.28
Fiumenta	Fiumenta monte	5.5	Max WS	TR200_12h	65.45	245.70	246.63	246.80	247.39	0.029316	3.86	16.97	18.72	1.29
Fiumenta	Fiumenta monte	5	Max WS	TR30_01h	8.92	244.03	244.64	244.78	244.78	0.020023	1.64	5.45	16.91	0.92
Fiumenta	Fiumenta monte	5	Max WS	TR30_02h	20.40	244.03	244.87	245.10	245.10	0.017321	2.11	9.69	18.26	0.92
Fiumenta	Fiumenta monte	5	Max WS	TR30_03h	30.85	244.03	245.05	245.34	245.34	0.015291	2.37	13.00	18.42	0.90
Fiumenta	Fiumenta monte	5	Max WS	TR30_04h	35.02	244.03	245.12	245.43	245.43	0.014629	2.46	14.26	18.49	0.89
Fiumenta	Fiumenta monte	5	Max WS	TR30_06h	37.91	244.03	245.17	245.49	245.49	0.014226	2.51	15.11	18.53	0.89
Fiumenta	Fiumenta monte	5	Max WS	TR30_09h	36.18	244.03	245.14	245.45	245.45	0.014441	2.48	14.61	18.51	0.89
Fiumenta	Fiumenta monte	5	Max WS	TR30_12h	33.69	244.03	245.10	245.40	245.40	0.014821	2.43	13.86	18.47	0.90
Fiumenta	Fiumenta monte	5	Max WS	TR200_01h	29.00	244.03	245.02	245.30	245.30	0.015606	2.33	12.43	18.40	0.91
Fiumenta	Fiumenta monte	5	Max WS	TR200_02h	66.56	244.03	245.60	246.02	246.02	0.011296	2.88	23.13	18.93	0.83
Fiumenta	Fiumenta monte	5	Max WS	TR200_03h	79.47	244.03	245.78	246.23	246.23	0.010455	3.00	26.54	19.10	0.81
Fiumenta	Fiumenta monte	5	Max WS	TR200_06h	78.17	244.03	245.76	246.21	246.21	0.010529	2.98	26.20	19.08	0.81
Fiumenta	Fiumenta monte	5	Max WS	TR200_09h	72.31	244.03	245.68	246.12	246.12	0.010898	2.93	24.66	19.01	0.82
Fiumenta	Fiumenta monte	5	Max WS	TR200_12h	65.64	244.03	245.58	246.00	246.00	0.011357	2.87	22.89	18.92	0.83
Fiumenta	Fiumenta monte	4	Max WS	TR30_01h	8.92	243.48	243.92	243.77	243.98	0.006698	1.14	7.80	18.12	0.56
Fiumenta	Fiumenta monte	4	Max WS	TR30_02h	20.40	243.48	244.23	243.99	244.35	0.005774	1.50	13.60	18.40	0.56
Fiumenta	Fiumenta monte	4	Max WS	TR30_03h	30.84	243.48	244.47	244.15	244.62	0.005400	1.72	17.97	18.61	0.56
Fiumenta	Fiumenta monte	4	Max WS	TR30_04h	35.01	243.48	244.56	244.21	244.72	0.005296	1.79	19.58	18.69	0.56
Fiumenta	Fiumenta monte	4	Max WS	TR30_06h	37.88	243.48	244.61	244.25	244.78	0.005236	1.83	20.65	18.74	0.56
Fiumenta	Fiumenta monte	4	Max WS	TR30_09h	36.18	243.48	244.58	244.23	244.75	0.005269	1.81	20.02	18.71	0.56
Fiumenta	Fiumenta monte	4	Max WS	TR30_12h	33.69	243.48	244.53	244.19	244.69	0.005326	1.77	19.08	18.67	0.56
Fiumenta	Fiumenta monte	4	Max WS	TR200_01h	29.00	243.48	244.43	244.12	244.57	0.005450	1.68	17.24	18.58	0.56
Fiumenta	Fiumenta monte	4	Max WS	TR200_02h	66.56	243.48	245.12	244.60	245.37	0.004855	2.20	30.27	19.20	0.56
Fiumenta	Fiumenta monte	4	Max WS	TR200_03h	79.47	243.48	245.32	244.74	245.60	0.004756	2.33	34.16	19.38	0.56
Fiumenta	Fiumenta monte	4	Max WS	TR200_06h	78.17	243.48	245.30	244.72	245.57	0.004765	2.31	33.77	19.36	0.56
Fiumenta	Fiumenta monte	4	Max WS	TR200_09h	72.31	243.48	245.21	244.66	245.47	0.004806	2.26	32.03	19.28	0.56
Fiumenta	Fiumenta monte	4	Max WS	TR200_12h	65.64	243.48	245.10	244.59	245.35	0.004864	2.19	29.98	19.18	0.56
Fiumenta	Fiumenta monte	3.7			Inl Struct									
Fiumenta	Fiumenta monte	3.5	Max WS	TR30_01h	8.92	242.96	243.43	243.49	243.49	0.005102	1.05	8.48	18.11	0.49
Fiumenta	Fiumenta monte	3.5	Max WS	TR30_02h	20.40	242.96	243.77	243.87	243.87	0.004489	1.39	14.70	18.38	0.50
Fiumenta	Fiumenta monte	3.5	Max WS	TR30_03h	30.84	242.96	244.01	244.14	244.14	0.004532	1.63	18.97	18.57	0.51
Fiumenta	Fiumenta monte	3.5	Max WS	TR30_04h	35.01	242.96	244.09	244.24	244.24	0.004575	1.71	20.49	18.63	0.52
Fiumenta	Fiumenta monte	3.5	Max WS	TR30_06h	37.85	242.96	244.14	244.30	244.30	0.004612	1.76	21.47	18.68	0.53
Fiumenta	Fiumenta monte	3.5	Max WS	TR30_09h	36.18	242.96	244.11	244.26	244.26	0.004588	1.73	20.90	18.65	0.52
Fiumenta	Fiumenta monte	3.5	Max WS	TR30_12h	33.69	242.96	244.06	244.21	244.21	0.004559	1.68	20.02	18.61	0.52
Fiumenta	Fiumenta monte	3.5	Max WS	TR200_01h	29.00	242.96	243.97	244.10	244.10	0.004518	1.59	18.27	18.54	0.51
Fiumenta	Fiumenta monte	3.5	Max WS	TR200_02h	66.56	242.96	244.61	244.86	244.86	0.004806	2.19	30.34	19.05	0.56
Fiumenta	Fiumenta monte	3.5	Max WS	TR200_03h	79.47	242.96	244.80	245.08	245.08	0.004831	2.34	33.95	19.20	0.56
Fiumenta	Fiumenta monte	3.5	Max WS	TR200_06h	78.17	242.96	244.78	245.06	245.06	0.004827	2.33	33.60	19.19	0.56
Fiumenta	Fiumenta monte	3.5	Max WS	TR200_09h	72.31	242.96	244.70	244.96	244.96	0.004814	2.26	31.98	19.12	0.56
Fiumenta	Fiumenta monte	3.5	Max WS	TR200_12h	65.64	242.96	244.60	244.84	244.84	0.004802	2.18	30.08	19.04	0.55
Fiumenta	Fiumenta monte	1	Max WS	TR30_01h	8.91	241.96	242.59	242.42	242.68	0.008264	1.31	6.82	15.10	0.62
Fiumenta	Fiumenta monte	1	Max WS	TR30_02h	20.40	241.96	242.93	242.73	243.05	0.007469	1.55	13.18	20.79	0.62
Fiumenta	Fiumenta monte	1	Max WS	TR30_03h	30.83	241.96	243.16	242.90	243.31	0.006239	1.72	17.97	20.92	0.59
Fiumenta	Fiumenta monte	1	Max WS	TR30_04h	35.00	241.96	243.24	242.96	243.40	0.005985	1.78	19.70	20.96	0.59
Fiumenta	Fiumenta monte	1	Max WS	TR30_06h	37.81	241.96	243.30	242.99	243.47	0.005845	1.82	20.82	20.99	0.58
Fiumenta	Fiumenta monte	1	Max WS	TR30_09h	36.17	241.96	243.27	242.97	243.43	0.005918	1.79	20.18	20.97	0.58
Fiumenta	Fiumenta monte	1	Max WS	TR30_12h	33.69	241.96	243.22	242.94	243.38	0.006056	1.76	19.17	20.95	0.59
Fiumenta	Fiumenta monte	1	Max WS	TR200_01h	29.00	241.96	243.12	242.88	243.27	0.006372	1.69	17.19	20.90	0.59
Fiumenta	Fiumenta monte	1	Max WS	TR200_02h	66.55	241.96	243.78	243.31	244.01	0.005124	2.15	30.94	21.24	0.57
Fiumenta	Fiumenta monte	1	Max WS	TR200_03h	79.46	241.96	243.97	243.44	244.23	0.004965	2.27	34.97	21.34	0.57
Fiumenta	Fiumenta monte	1	Max WS	TR200_06h	78.16	241.96	243.95	243.43	244.21	0.004980	2.26	34.57	21.33	0.57
Fiumenta	Fiumenta monte	1	Max WS	TR200_09h	72.30	241.96	243.86	243.37	244.11	0.005046	2.21	32.77	21.29	0.57
Fiumenta	Fiumenta monte	1	Max WS	TR200_12h	65.64	241.96	243.76	243.30	244.00	0.005135	2.14	30.65	21.24	0.57
Fiumenta	Fiumenta monte	0.5			Inl Struct									
Fiumenta	Fiumenta monte	0.2	Max WS	TR30_01h	4.14	240.00	241.02	241.02	241.03	0.000066	0.19	21.26	20.96	0.06
Fiumenta	Fiumenta monte	0.2	Max WS	TR30_02h	18.22	240.00	241.72	241.72	241.73	0.000240	0.51	35.98	21.20	0.12
Fiumenta	Fiumenta monte	0.2	Max WS	TR30_03h	29.19	240.00	242.07	242.07	242.09	0.000343	0.67	43.40	21.32	0.15
Fiumenta	Fiumenta monte	0.2	Max WS	TR30_04h	34.51	240.00	242.21	242.21	242.24	0.000392	0.74	46.34	21.36	0.16
Fiumenta	Fiumenta monte	0.2	Max WS	TR30_06h	37.24	240.00	242.23	242.23	242.26	0.000441	0.80	46.83	21.37	0.17
Fiumenta	Fiumenta monte	0.2	Max WS	TR30_09h	36.15									

HEC-RAS Profile: Max WS (Continued)

River	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
Fiumenta	Fiumenta monte	0.1	Max WS	TR200_09h	72.26	239.49	243.33		243.36	0.000267	0.86	109.75	47.83	0.16
Fiumenta	Fiumenta monte	0.1	Max WS	TR200_12h	65.63	239.49	243.10		243.13	0.000301	0.87	98.44	47.80	0.16
Bisenzio	Bisenzio	612	Max WS	TR30_01h	26.56	343.73	344.58	344.85	345.46	0.059156	4.14	6.42	11.22	1.75
Bisenzio	Bisenzio	612	Max WS	TR30_02h	50.58	343.73	344.90	345.29	346.15	0.053230	4.94	10.25	12.57	1.75
Bisenzio	Bisenzio	612	Max WS	TR30_03h	60.16	343.73	345.01	345.44	346.37	0.051569	5.16	11.66	13.03	1.74
Bisenzio	Bisenzio	612	Max WS	TR30_04h	61.86	343.73	345.03	345.47	346.41	0.051293	5.20	11.90	13.11	1.74
Bisenzio	Bisenzio	612	Max WS	TR30_06h	59.38	343.73	345.01	345.43	346.36	0.051715	5.14	11.54	12.99	1.74
Bisenzio	Bisenzio	612	Max WS	TR30_09h	53.93	343.73	344.94	345.35	346.23	0.052591	5.02	10.75	12.73	1.74
Bisenzio	Bisenzio	612	Max WS	TR30_12h	49.44	343.73	344.89	345.28	346.12	0.053447	4.91	10.07	12.51	1.75
Bisenzio	Bisenzio	612	Max WS	TR200_01h	78.47	343.73	345.21	345.69	346.76	0.049099	5.51	14.24	13.83	1.73
Bisenzio	Bisenzio	612	Max WS	TR200_02h	121.92	343.73	345.60	346.19	347.50	0.045232	6.12	19.93	15.46	1.72
Bisenzio	Bisenzio	612	Max WS	TR200_03h	127.62	343.73	345.64	346.25	347.59	0.044872	6.18	20.64	15.65	1.72
Bisenzio	Bisenzio	612	Max WS	TR200_06h	112.46	343.73	345.52	346.09	347.35	0.045808	6.00	18.75	15.13	1.72
Bisenzio	Bisenzio	612	Max WS	TR200_09h	99.21	343.73	345.40	345.94	347.13	0.046920	5.83	17.03	14.65	1.73
Bisenzio	Bisenzio	612	Max WS	TR200_12h	86.82	343.73	345.29	345.80	346.91	0.048146	5.65	15.38	14.17	1.73
Bisenzio	Bisenzio	611	Max WS	TR30_01h	26.55	342.53	343.52	343.59	343.96	0.023823	2.95	9.00	13.22	1.14
Bisenzio	Bisenzio	611	Max WS	TR30_02h	50.58	342.53	343.87	344.00	344.55	0.023143	3.64	13.90	14.37	1.18
Bisenzio	Bisenzio	611	Max WS	TR30_03h	60.15	342.53	343.99	344.14	344.75	0.023011	3.85	15.64	14.76	1.19
Bisenzio	Bisenzio	611	Max WS	TR30_04h	61.85	342.53	344.02	344.16	344.78	0.022968	3.88	15.94	14.83	1.19
Bisenzio	Bisenzio	611	Max WS	TR30_06h	59.38	342.53	343.99	344.12	344.73	0.023006	3.83	15.50	14.73	1.19
Bisenzio	Bisenzio	611	Max WS	TR30_09h	53.93	342.53	343.92	344.05	344.62	0.023069	3.71	14.52	14.51	1.19
Bisenzio	Bisenzio	611	Max WS	TR30_12h	49.44	342.53	343.86	343.98	344.53	0.023142	3.61	13.69	14.32	1.18
Bisenzio	Bisenzio	611	Max WS	TR200_01h	78.45	342.53	344.20	344.38	345.09	0.022880	4.18	18.75	15.43	1.21
Bisenzio	Bisenzio	611	Max WS	TR200_02h	121.89	342.53	344.61	344.87	345.79	0.022885	4.81	25.36	16.76	1.25
Bisenzio	Bisenzio	611	Max WS	TR200_03h	127.62	342.53	344.66	344.93	345.87	0.022943	4.88	26.15	16.92	1.25
Bisenzio	Bisenzio	611	Max WS	TR200_06h	112.46	342.53	344.53	344.77	345.65	0.022766	4.68	24.03	16.50	1.24
Bisenzio	Bisenzio	611	Max WS	TR200_09h	99.21	342.53	344.41	344.63	345.44	0.022776	4.50	22.04	16.11	1.23
Bisenzio	Bisenzio	611	Max WS	TR200_12h	86.82	342.53	344.29	344.48	345.24	0.022818	4.32	20.10	15.71	1.22
Bisenzio	Bisenzio	610	Max WS	TR30_01h	26.54	340.43	341.52	341.59	341.96	0.024167	3.03	8.77	12.50	1.15
Bisenzio	Bisenzio	610	Max WS	TR30_02h	50.59	340.43	341.87	342.02	342.61	0.024030	3.80	13.33	13.47	1.22
Bisenzio	Bisenzio	610	Max WS	TR30_03h	60.19	340.43	341.99	342.16	342.82	0.023866	4.03	14.98	13.81	1.23
Bisenzio	Bisenzio	610	Max WS	TR30_04h	61.96	340.43	342.01	342.19	342.85	0.023837	4.07	15.27	13.87	1.23
Bisenzio	Bisenzio	610	Max WS	TR30_06h	59.47	340.43	341.98	342.15	342.80	0.023866	4.01	14.86	13.79	1.23
Bisenzio	Bisenzio	610	Max WS	TR30_09h	54.05	340.43	341.91	342.07	342.68	0.023955	3.89	13.94	13.60	1.22
Bisenzio	Bisenzio	610	Max WS	TR30_12h	49.54	340.43	341.85	342.00	342.58	0.024029	3.77	13.15	13.44	1.21
Bisenzio	Bisenzio	610	Max WS	TR200_01h	78.44	340.43	342.20	342.42	343.18	0.023744	4.41	17.89	14.39	1.25
Bisenzio	Bisenzio	610	Max WS	TR200_02h	121.96	340.43	342.61	342.93	343.94	0.023872	5.11	24.04	15.53	1.30
Bisenzio	Bisenzio	610	Max WS	TR200_03h	127.82	340.43	342.66	343.00	344.03	0.023864	5.19	24.83	15.67	1.31
Bisenzio	Bisenzio	610	Max WS	TR200_06h	112.71	340.43	342.53	342.84	343.79	0.023842	4.98	22.80	15.31	1.29
Bisenzio	Bisenzio	610	Max WS	TR200_09h	99.42	340.43	342.40	342.68	343.57	0.023827	4.78	20.95	14.97	1.28
Bisenzio	Bisenzio	610	Max WS	TR200_12h	87.00	340.43	342.28	342.53	343.35	0.023784	4.57	19.16	14.63	1.27
Bisenzio	Bisenzio	609	Max WS	TR30_01h	26.53	337.64	338.99	339.01	339.39	0.019322	2.81	9.44	12.66	1.04
Bisenzio	Bisenzio	609	Max WS	TR30_02h	50.60	337.64	339.39	339.43	339.97	0.018877	3.36	15.05	15.01	1.07
Bisenzio	Bisenzio	609	Max WS	TR30_03h	60.23	337.64	339.52	339.59	340.16	0.018900	3.54	17.03	15.74	1.09
Bisenzio	Bisenzio	609	Max WS	TR30_04h	62.08	337.64	339.55	339.62	340.19	0.018893	3.57	17.41	15.87	1.09
Bisenzio	Bisenzio	609	Max WS	TR30_06h	59.59	337.64	339.51	339.57	340.15	0.018884	3.52	16.91	15.70	1.08
Bisenzio	Bisenzio	609	Max WS	TR30_09h	54.20	337.64	339.44	339.51	340.04	0.018855	3.43	15.81	15.29	1.08
Bisenzio	Bisenzio	609	Max WS	TR30_12h	49.68	337.64	339.38	339.44	339.95	0.018861	3.34	14.85	14.94	1.07
Bisenzio	Bisenzio	609	Max WS	TR200_01h	78.43	337.64	339.74	339.84	340.48	0.018981	3.81	20.56	16.96	1.11
Bisenzio	Bisenzio	609	Max WS	TR200_02h	122.05	337.64	340.13	340.32	341.12	0.020220	4.41	27.69	19.18	1.17
Bisenzio	Bisenzio	609	Max WS	TR200_03h	128.08	337.64	340.18	340.36	341.20	0.020359	4.48	28.61	19.45	1.18
Bisenzio	Bisenzio	609	Max WS	TR200_06h	113.01	337.64	340.06	340.23	341.00	0.019979	4.30	26.29	18.77	1.16
Bisenzio	Bisenzio	609	Max WS	TR200_09h	99.69	337.64	339.95	340.09	340.81	0.019571	4.12	24.19	18.12	1.14
Bisenzio	Bisenzio	609	Max WS	TR200_12h	87.24	337.64	339.83	339.95	340.62	0.019106	3.94	22.15	17.48	1.12
Bisenzio	Bisenzio	608	Max WS	TR30_01h	26.52	335.31	336.52	336.58	336.93	0.023259	2.86	9.27	13.92	1.12
Bisenzio	Bisenzio	608	Max WS	TR30_02h	50.62	335.31	336.87	336.98	337.46	0.024232	3.41	14.86	17.67	1.19
Bisenzio	Bisenzio	608	Max WS	TR30_03h	60.29	335.31	336.97	337.10	337.64	0.023810	3.62	16.67	17.94	1.20
Bisenzio	Bisenzio	608	Max WS	TR30_04h	62.22	335.31	336.99	337.12	337.67	0.023742	3.66	17.02	17.99	1.20
Bisenzio	Bisenzio	608	Max WS	TR30_06h	59.75	335.31	336.96	337.09	337.63	0.023831	3.61	16.57	17.93	1.20
Bisenzio	Bisenzio	608	Max WS	TR30_09h	54.37	335.31	336.91	337.02	337.53	0.024064	3.49	15.57	17.78	1.19
Bisenzio	Bisenzio	608	Max WS	TR30_12h	49.83	335.31	336.86	336.97	337.45	0.024310	3.39	14.69	17.64	1.19
Bisenzio	Bisenzio	608	Max WS	TR200_01h	78.43	335.31	337.15	337.30	337.94	0.023218	3.96	19.85	18.40	1.21
Bisenzio	Bisenzio	608	Max WS	TR200_02h	122.16	335.31	337.50	337.74	338.59	0.022847	4.63	26.53	19.34	1.25
Bisenzio	Bisenzio	608	Max WS	TR200_03h	128.36	335.31	337.55	337.80	338.67	0.022786	4.71	27.42	19.46	1.25
Bisenzio	Bisenzio	608	Max WS	TR200_06h	113.36	335.31	337.43	337.66	338.47	0.022913	4.51	25.25	19.16	1.24
Bisenzio	Bisenzio	608	Max WS	TR200_09h	99.99	335.31	337.33	337.52	338.28	0.023018	4.31	23.25	18.89	1.23
Bisenzio	Bisenzio	608	Max WS	TR200_12h	87.51	335.31	337.22	337.40	338.09	0.023120	4.11	21.31	18.61	1.22
Bisenzio	Bisenzio	607	Max WS	TR30_01h	26.52	333.33	334.22	334.29	334.66	0.024482	2.91	9.11	13.83	1.15
Bisenzio	Bisenzio	607	Max WS	TR30_02h	50.64	333.33	334.54	334.69	335.24	0.025549	3.70	13.67	14.76	1.23
Bisenzio	Bisenzio	607	Max WS	TR30_03h	60.34	333.33	334.65	334.82	335.44	0.025663	3.94	15.32	15.09	1.25
Bisenzio	Bisenzio	607	Max WS	TR30_04h	62.34	333.33	334.68	334.85	335.48	0.025674	3.98	15.65	15.15	1.25
Bisenzio	Bisenzio	607	Max WS	TR30_06h	59.90	333.33	334.65	334.82	335.44	0.025643	3.93	15.25	15.07	

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio	605	Max WS	TR30_01h	26.52	328.79	329.96	330.09	330.49	0.030870	3.22	8.23	12.58	1.27
Bisenzio	Bisenzio	605	Max WS	TR30_02h	50.66	328.79	330.30	330.51	331.10	0.031417	3.98	12.72	14.24	1.35
Bisenzio	Bisenzio	605	Max WS	TR30_03h	60.41	328.79	330.41	330.66	331.31	0.031268	4.20	14.39	14.81	1.36
Bisenzio	Bisenzio	605	Max WS	TR30_04h	62.51	328.79	330.43	330.69	331.35	0.031313	4.24	14.73	14.92	1.36
Bisenzio	Bisenzio	605	Max WS	TR30_06h	60.15	328.79	330.41	330.65	331.30	0.031258	4.19	14.35	14.79	1.36
Bisenzio	Bisenzio	605	Max WS	TR30_09h	54.73	328.79	330.35	330.58	331.19	0.031165	4.07	13.45	14.49	1.35
Bisenzio	Bisenzio	605	Max WS	TR30_12h	50.15	328.79	330.29	330.51	331.09	0.031438	3.97	12.63	14.20	1.35
Bisenzio	Bisenzio	605	Max WS	TR200_01h	78.44	328.79	330.61	330.88	331.64	0.030726	4.51	17.38	15.78	1.37
Bisenzio	Bisenzio	605	Max WS	TR200_02h	122.39	328.79	331.01	331.37	332.32	0.029422	5.06	24.17	17.78	1.39
Bisenzio	Bisenzio	605	Max WS	TR200_03h	128.95	328.79	331.06	331.43	332.41	0.029390	5.14	25.10	18.04	1.39
Bisenzio	Bisenzio	605	Max WS	TR200_06h	114.10	328.79	330.94	331.29	332.20	0.029474	4.96	22.98	17.45	1.38
Bisenzio	Bisenzio	605	Max WS	TR200_09h	100.63	328.79	330.82	331.15	332.00	0.029830	4.81	20.93	16.86	1.38
Bisenzio	Bisenzio	605	Max WS	TR200_12h	88.09	328.79	330.70	331.01	331.81	0.030249	4.65	18.96	16.27	1.37
Bisenzio	Bisenzio	604	Max WS	TR30_01h	26.53	325.04	326.62	326.66	327.21	0.020429	3.39	7.85	7.35	1.04
Bisenzio	Bisenzio	604	Max WS	TR30_02h	50.68	325.04	327.15	327.34	328.07	0.021864	4.26	11.99	8.46	1.13
Bisenzio	Bisenzio	604	Max WS	TR30_03h	60.47	325.04	327.33	327.66	328.36	0.023691	4.49	13.60	9.54	1.19
Bisenzio	Bisenzio	604	Max WS	TR30_04h	62.64	325.04	327.38	327.70	328.41	0.024590	4.50	14.04	10.14	1.21
Bisenzio	Bisenzio	604	Max WS	TR30_06h	60.33	325.04	327.33	327.65	328.35	0.023623	4.48	13.58	9.51	1.19
Bisenzio	Bisenzio	604	Max WS	TR30_09h	54.89	325.04	327.22	327.51	328.20	0.022101	4.38	12.63	8.61	1.15
Bisenzio	Bisenzio	604	Max WS	TR30_12h	50.30	325.04	327.14	327.32	328.06	0.021822	4.25	11.93	8.44	1.13
Bisenzio	Bisenzio	604	Max WS	TR200_01h	78.44	325.04	327.63	327.90	328.73	0.028745	4.65	17.04	13.52	1.32
Bisenzio	Bisenzio	604	Max WS	TR200_02h	122.49	325.04	328.08	328.43	329.50	0.026824	5.28	23.51	14.47	1.32
Bisenzio	Bisenzio	604	Max WS	TR200_03h	129.21	325.04	328.14	328.51	329.61	0.026477	5.36	24.42	14.49	1.31
Bisenzio	Bisenzio	604	Max WS	TR200_06h	114.43	325.04	328.01	328.34	329.37	0.027237	5.17	22.41	14.44	1.32
Bisenzio	Bisenzio	604	Max WS	TR200_09h	100.93	325.04	327.87	328.18	329.13	0.028032	4.98	20.52	14.39	1.32
Bisenzio	Bisenzio	604	Max WS	TR200_12h	88.36	325.04	327.75	328.03	328.91	0.028937	4.78	18.69	14.34	1.33
Bisenzio	Bisenzio	603	Max WS	TR30_01h	26.52	324.09	325.27	325.31	325.63	0.014949	2.64	10.05	12.12	0.93
Bisenzio	Bisenzio	603	Max WS	TR30_02h	50.69	324.09	325.69	325.69	326.22	0.016033	3.23	15.70	14.64	1.00
Bisenzio	Bisenzio	603	Max WS	TR30_03h	60.53	324.09	325.84	325.84	326.42	0.015819	3.38	17.92	15.36	1.00
Bisenzio	Bisenzio	603	Max WS	TR30_04h	62.71	324.09	325.87	325.87	326.46	0.015764	3.41	18.40	15.51	1.00
Bisenzio	Bisenzio	603	Max WS	TR30_06h	60.44	324.09	325.84	325.84	326.42	0.015814	3.38	17.90	15.35	1.00
Bisenzio	Bisenzio	603	Max WS	TR30_09h	54.98	324.09	325.76	325.76	326.31	0.015932	3.30	16.68	14.96	1.00
Bisenzio	Bisenzio	603	Max WS	TR30_12h	50.39	324.09	325.69	325.68	326.22	0.016035	3.22	15.63	14.62	1.00
Bisenzio	Bisenzio	603	Max WS	TR200_01h	78.44	324.09	326.08	326.09	326.74	0.015465	3.60	21.78	16.54	1.00
Bisenzio	Bisenzio	603	Max WS	TR200_02h	122.54	324.09	326.59	326.56	327.40	0.013803	3.98	30.75	17.96	0.97
Bisenzio	Bisenzio	603	Max WS	TR200_03h	129.36	324.09	326.67	326.63	327.50	0.013543	4.04	32.05	18.01	0.97
Bisenzio	Bisenzio	603	Max WS	TR200_06h	114.62	324.09	326.51	326.49	327.29	0.014127	3.92	29.23	17.89	0.98
Bisenzio	Bisenzio	603	Max WS	TR200_09h	101.11	324.09	326.36	326.36	327.10	0.014825	3.81	26.54	17.77	1.00
Bisenzio	Bisenzio	603	Max WS	TR200_12h	88.51	324.09	326.21	326.21	326.91	0.015210	3.70	23.92	17.16	1.00
Bisenzio	Bisenzio	602	Max WS	TR30_01h	26.52	323.44	325.07	325.12	325.54	0.023445	3.05	8.70	11.01	1.09
Bisenzio	Bisenzio	602	Max WS	TR30_02h	50.69	323.44	325.47	325.57	326.23	0.023566	3.86	13.15	11.02	1.13
Bisenzio	Bisenzio	602	Max WS	TR30_03h	60.54	323.44	325.62	325.74	326.48	0.023729	4.11	14.72	11.02	1.14
Bisenzio	Bisenzio	602	Max WS	TR30_04h	62.72	323.44	325.65	325.77	326.53	0.023798	4.17	15.05	11.02	1.14
Bisenzio	Bisenzio	602	Max WS	TR30_06h	60.45	323.44	325.61	325.74	326.48	0.023721	4.11	14.71	11.02	1.14
Bisenzio	Bisenzio	602	Max WS	TR30_09h	55.00	323.44	325.54	325.65	326.34	0.023592	3.97	13.86	11.02	1.13
Bisenzio	Bisenzio	602	Max WS	TR30_12h	50.40	323.44	325.47	325.57	326.22	0.023556	3.85	13.10	11.02	1.13
Bisenzio	Bisenzio	602	Max WS	TR200_01h	78.44	323.44	326.04	326.01	326.90	0.024636	4.55	17.23	11.02	1.16
Bisenzio	Bisenzio	602	Max WS	TR200_02h	122.55	323.44	326.32	326.61	327.83	0.027027	5.45	22.50	11.03	1.22
Bisenzio	Bisenzio	602	Max WS	TR200_03h	129.38	323.44	326.39	326.70	327.97	0.027375	5.57	23.24	11.03	1.22
Bisenzio	Bisenzio	602	Max WS	TR200_06h	114.65	323.44	326.24	326.51	327.68	0.026594	5.30	21.63	11.02	1.21
Bisenzio	Bisenzio	602	Max WS	TR200_09h	101.13	323.44	326.10	326.33	327.40	0.025868	5.04	20.07	11.02	1.19
Bisenzio	Bisenzio	602	Max WS	TR200_12h	88.53	323.44	325.96	326.16	327.13	0.025164	4.77	18.54	11.02	1.18
Bisenzio	Bisenzio	600	Max WS	TR30_01h	26.52	323.41	324.85	324.93	325.35	0.025194	3.14	8.44	11.23	1.16
Bisenzio	Bisenzio	600	Max WS	TR30_02h	50.69	323.41	325.26	325.39	326.01	0.023672	3.84	13.21	12.01	1.17
Bisenzio	Bisenzio	600	Max WS	TR30_03h	60.55	323.41	325.40	325.54	326.24	0.023533	4.06	14.90	12.22	1.18
Bisenzio	Bisenzio	600	Max WS	TR30_04h	62.73	323.41	325.43	325.58	326.29	0.023493	4.11	15.25	12.23	1.18
Bisenzio	Bisenzio	600	Max WS	TR30_06h	60.46	323.41	325.40	325.54	326.24	0.023519	4.06	14.89	12.22	1.17
Bisenzio	Bisenzio	600	Max WS	TR30_09h	55.01	323.41	325.32	325.46	326.11	0.023607	3.94	13.97	12.13	1.17
Bisenzio	Bisenzio	600	Max WS	TR30_12h	50.41	323.41	325.26	325.38	326.00	0.023667	3.83	13.16	12.00	1.17
Bisenzio	Bisenzio	600	Max WS	TR200_01h	78.44	323.41	325.62	325.80	326.63	0.023843	4.47	17.56	12.30	1.19
Bisenzio	Bisenzio	600	Max WS	TR200_02h	122.56	323.41	326.06	326.36	327.50	0.025346	5.30	23.11	12.46	1.24
Bisenzio	Bisenzio	600	Max WS	TR200_03h	129.39	323.41	326.13	326.44	327.62	0.025574	5.41	23.90	12.48	1.25
Bisenzio	Bisenzio	600	Max WS	TR200_06h	114.68	323.41	325.99	326.27	327.35	0.025047	5.17	22.20	12.43	1.23
Bisenzio	Bisenzio	600	Max WS	TR200_09h	101.15	323.41	325.86	326.10	327.09	0.024561	4.92	20.56	12.39	1.22
Bisenzio	Bisenzio	600	Max WS	TR200_12h	88.55	323.41	325.73	325.94	326.84	0.024112	4.67	18.94	12.34	1.20
Bisenzio	Bisenzio	599	Max WS	TR30_01h	26.52	322.44	323.62	323.71	324.14	0.024795	3.19	8.31	10.83	1.16
Bisenzio	Bisenzio	599	Max WS	TR30_02h	50.70	322.44	324.02	324.20	324.77	0.026781	3.83	13.24	13.81	1.25
Bisenzio	Bisenzio	599	Max WS	TR30_03h	60.59	322.44	324.15	324.40	324.97	0.027034	4.01	15.10	14.78	1.27
Bisenzio	Bisenzio	599	Max WS	TR30_04h	62.78	322.44	324.18	324.44	325.01	0.027078	4.05	15.51	14.99	1.27
Bisenzio	Bisenzio	599	Max WS	TR30_06h	60.53	322.44	324.15	324.40	324.97	0.027025	4.01	15.10	14.78	1.27
Bisenzio	Bisenzio	599	Max WS	TR30_09h	55.07	322.44	324.08	324.28	324.86	0.026895	3.91	14.07	14.25	1.26
Bisenzio	Bisenzio	599	Max WS	TR30_12h	50.48	322.44	324.02	324.20	324.76	0.026745	3.82	13.20	13.79	1.25
Bisenzio	Bisenzio	599	Max WS	TR200_01h	78.44	322.44	324.34	324.62	325.30	0.026898	4.35	18.55	24.57	1.29
Bisenzio	Bisenzio	599	Max WS	TR200_02h	122.59	322.44	324.69	325.04	325.91	0.025845	5.00	27.24	25.22	1.31
Bisenzio	Bisenzio	599	Max WS	TR200_03h	129.50	322.44	324.74	325.12	325.99	0.025668	5.08	28.48	25.31	1.31
Bisenzio	Bisenzio	599	Max WS	TR200_06h	114.81	322.44	324.63	324.97	325.82	0.026021	4.91	25.82	25.12	1.30
Bisenzio	Bisenzio	599	Max WS	TR200_09h	101.27	322.44	324.53	324.85	325.64	0.026341	4.72	23.25	24.92	1.30
Bisenzio	Bisenzio	599	Max WS	TR200_12h	88.66	322.44	324.43	324.73	325.46	0.026660	4.53	20.73	24.73	1.29
Bisenzio	Bisenzio	598	Max WS	TR30_01h	26.52	319.41	320.50	320.57	320.96	0.022424	2.99	8.88	12.17	1.12
Bisenzio	Bisenzio	598	Max WS	TR30_02h	50.72	319.41	320.88	321.01	321.55	0.023253	3.63	13.98	14.65</	

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio	597	Max WS	TR30_04h	63.02	316.18	318.05	318.16	318.73	0.019893	3.65	17.27	15.76	1.11
Bisenzio	Bisenzio	597	Max WS	TR30_06h	60.88	316.18	318.02	318.12	318.69	0.019878	3.62	16.82	15.52	1.11
Bisenzio	Bisenzio	597	Max WS	TR30_09h	55.39	316.18	317.95	318.03	318.59	0.019814	3.54	15.64	14.88	1.10
Bisenzio	Bisenzio	597	Max WS	TR30_12h	50.77	316.18	317.88	317.95	318.49	0.019736	3.47	14.63	14.31	1.10
Bisenzio	Bisenzio	597	Max WS	TR200_01h	78.45	316.18	318.24	318.37	319.00	0.019959	3.84	20.44	17.35	1.13
Bisenzio	Bisenzio	597	Max WS	TR200_02h	122.77	316.18	318.70	318.85	319.60	0.019470	4.21	29.13	21.09	1.15
Bisenzio	Bisenzio	597	Max WS	TR200_03h	129.98	316.18	318.76	318.92	319.69	0.019371	4.26	30.49	21.62	1.15
Bisenzio	Bisenzio	597	Max WS	TR200_06h	115.47	316.18	318.63	318.78	319.51	0.019531	4.16	27.76	20.55	1.14
Bisenzio	Bisenzio	597	Max WS	TR200_09h	101.87	316.18	318.50	318.64	319.34	0.019708	4.05	25.13	19.45	1.14
Bisenzio	Bisenzio	597	Max WS	TR200_12h	89.20	316.18	318.36	318.50	319.16	0.019906	3.95	22.60	18.35	1.14
Bisenzio	Bisenzio	596	Max WS	TR30_01h	26.52	313.44	314.56	314.63	315.05	0.022116	3.11	8.54	10.80	1.12
Bisenzio	Bisenzio	596	Max WS	TR30_02h	50.75	313.44	314.98	315.12	315.69	0.022624	3.74	13.59	13.20	1.18
Bisenzio	Bisenzio	596	Max WS	TR30_03h	60.89	313.44	315.12	315.28	315.91	0.022877	3.94	15.47	13.99	1.20
Bisenzio	Bisenzio	596	Max WS	TR30_04h	63.17	313.44	315.14	315.31	315.95	0.022937	3.98	15.87	14.15	1.20
Bisenzio	Bisenzio	596	Max WS	TR30_06h	61.08	313.44	315.12	315.28	315.91	0.022878	3.94	15.50	14.00	1.20
Bisenzio	Bisenzio	596	Max WS	TR30_09h	55.58	313.44	315.05	315.20	315.79	0.022732	3.83	14.50	13.58	1.19
Bisenzio	Bisenzio	596	Max WS	TR30_12h	50.95	313.44	314.98	315.12	315.69	0.022613	3.74	13.63	13.21	1.18
Bisenzio	Bisenzio	596	Max WS	TR200_01h	78.45	313.44	315.33	315.60	316.24	0.023266	4.24	18.53	15.18	1.22
Bisenzio	Bisenzio	596	Max WS	TR200_02h	122.86	313.44	315.70	315.98	316.69	0.021420	4.59	31.77	32.62	1.21
Bisenzio	Bisenzio	596	Max WS	TR200_03h	130.26	313.44	315.75	316.04	316.77	0.021417	4.67	33.33	32.91	1.21
Bisenzio	Bisenzio	596	Max WS	TR200_06h	115.85	313.44	315.65	315.93	316.62	0.021444	4.51	30.24	32.32	1.20
Bisenzio	Bisenzio	596	Max WS	TR200_09h	102.21	313.44	315.55	315.82	316.48	0.021844	4.38	26.98	31.68	1.20
Bisenzio	Bisenzio	596	Max WS	TR200_12h	89.51	313.44	315.44	315.71	316.43	0.023419	4.39	20.37	15.86	1.24
Bisenzio	Bisenzio	595.50	Max WS	TR30_01h	26.52	312.11	313.35	313.42	313.82	0.022748	3.02	8.79	11.92	1.12
Bisenzio	Bisenzio	595.50	Max WS	TR30_02h	50.76	312.11	313.72	313.87	314.43	0.024314	3.71	13.69	14.27	1.21
Bisenzio	Bisenzio	595.50	Max WS	TR30_03h	60.93	312.11	313.85	314.03	314.63	0.024479	3.92	15.55	14.98	1.23
Bisenzio	Bisenzio	595.50	Max WS	TR30_04h	63.23	312.11	313.88	314.06	314.68	0.024495	3.96	15.96	15.14	1.23
Bisenzio	Bisenzio	595.50	Max WS	TR30_06h	61.15	312.11	313.85	314.03	314.64	0.024476	3.92	15.59	15.00	1.23
Bisenzio	Bisenzio	595.50	Max WS	TR30_09h	55.65	312.11	313.79	313.95	314.53	0.024397	3.81	14.59	14.62	1.22
Bisenzio	Bisenzio	595.50	Max WS	TR30_12h	51.01	312.11	313.73	313.88	314.43	0.024315	3.71	13.73	14.29	1.21
Bisenzio	Bisenzio	595.50	Max WS	TR200_01h	78.46	312.11	314.05	314.26	314.95	0.024519	4.21	18.63	16.10	1.25
Bisenzio	Bisenzio	595.50	Max WS	TR200_02h	122.88	312.11	314.44	314.78	315.62	0.024319	4.81	26.52	26.68	1.29
Bisenzio	Bisenzio	595.50	Max WS	TR200_03h	130.35	312.11	314.50	314.85	315.71	0.024190	4.90	27.98	26.87	1.29
Bisenzio	Bisenzio	595.50	Max WS	TR200_06h	115.98	312.11	314.40	314.73	315.53	0.024242	4.72	24.73	19.64	1.28
Bisenzio	Bisenzio	595.50	Max WS	TR200_09h	102.34	312.11	314.29	314.59	315.33	0.024469	4.53	22.58	17.43	1.27
Bisenzio	Bisenzio	595.50	Max WS	TR200_12h	89.63	312.11	314.17	314.45	315.14	0.024428	4.37	20.53	16.75	1.26
Bisenzio	Bisenzio	595	Max WS	TR30_01h	26.52	310.79	312.12	312.18	312.55	0.022971	2.88	9.20	13.53	1.11
Bisenzio	Bisenzio	595	Max WS	TR30_02h	50.77	310.79	312.50	312.59	313.13	0.020780	3.51	14.52	14.81	1.13
Bisenzio	Bisenzio	595	Max WS	TR30_03h	60.97	310.79	312.64	312.74	313.33	0.019993	3.69	16.61	15.29	1.12
Bisenzio	Bisenzio	595	Max WS	TR30_04h	63.29	310.79	312.67	312.77	313.38	0.019875	3.73	17.06	15.39	1.12
Bisenzio	Bisenzio	595	Max WS	TR30_06h	61.23	310.79	312.64	312.74	313.34	0.019960	3.69	16.66	15.30	1.12
Bisenzio	Bisenzio	595	Max WS	TR30_09h	55.72	310.79	312.57	312.67	313.23	0.020372	3.60	15.54	15.05	1.13
Bisenzio	Bisenzio	595	Max WS	TR30_12h	51.08	310.79	312.50	312.59	313.13	0.020740	3.51	14.59	14.83	1.13
Bisenzio	Bisenzio	595	Max WS	TR200_01h	78.46	310.79	312.85	312.97	313.65	0.019278	3.96	19.91	16.01	1.13
Bisenzio	Bisenzio	595	Max WS	TR200_02h	122.91	310.79	313.30	313.53	314.34	0.017452	4.53	27.75	20.06	1.12
Bisenzio	Bisenzio	595	Max WS	TR200_03h	130.45	310.79	313.36	313.60	314.44	0.017243	4.62	29.50	25.18	1.12
Bisenzio	Bisenzio	595	Max WS	TR200_06h	116.13	310.79	313.24	313.45	314.24	0.017711	4.45	26.54	19.25	1.12
Bisenzio	Bisenzio	595	Max WS	TR200_09h	102.47	310.79	313.11	313.25	314.04	0.018366	4.28	24.14	17.53	1.13
Bisenzio	Bisenzio	595	Max WS	TR200_12h	89.75	310.79	312.98	313.10	313.84	0.018910	4.12	21.94	16.44	1.13
Bisenzio	Bisenzio	594	Max WS	TR30_01h	26.51	308.72	310.41		310.59	0.004774	1.87	14.15	11.70	0.54
Bisenzio	Bisenzio	594	Max WS	TR30_02h	50.79	308.72	310.91		311.23	0.005769	2.52	20.27	12.57	0.62
Bisenzio	Bisenzio	594	Max WS	TR30_03h	61.04	308.72	311.10		311.47	0.005977	2.72	22.63	12.90	0.64
Bisenzio	Bisenzio	594	Max WS	TR30_04h	63.42	308.72	311.14		311.53	0.006023	2.76	23.16	12.97	0.65
Bisenzio	Bisenzio	594	Max WS	TR30_06h	61.37	308.72	311.10		311.48	0.005980	2.72	22.71	12.91	0.64
Bisenzio	Bisenzio	594	Max WS	TR30_09h	55.85	308.72	311.01		311.36	0.005865	2.62	21.47	12.74	0.63
Bisenzio	Bisenzio	594	Max WS	TR30_12h	51.21	308.72	310.92		311.24	0.005771	2.53	20.37	12.59	0.62
Bisenzio	Bisenzio	594	Max WS	TR200_01h	78.45	308.72	311.37		311.84	0.006338	3.02	26.27	13.38	0.67
Bisenzio	Bisenzio	594	Max WS	TR200_02h	122.97	308.72	311.94		312.63	0.007293	3.69	34.10	14.35	0.74
Bisenzio	Bisenzio	594	Max WS	TR200_03h	130.65	308.72	312.03		312.75	0.007402	3.79	35.38	16.76	0.75
Bisenzio	Bisenzio	594	Max WS	TR200_06h	116.40	308.72	311.86		312.52	0.007161	3.60	33.03	14.22	0.73
Bisenzio	Bisenzio	594	Max WS	TR200_09h	102.72	308.72	311.70		312.29	0.006887	3.41	30.71	13.94	0.71
Bisenzio	Bisenzio	594	Max WS	TR200_12h	89.98	308.72	311.53		312.06	0.006604	3.21	28.44	13.65	0.69
Bisenzio	Bisenzio	593.50	Max WS	TR30_01h	26.51	307.96	309.53	309.71	310.27	0.029989	3.82	6.93	7.66	1.28
Bisenzio	Bisenzio	593.50	Max WS	TR30_02h	50.80	307.96	310.06	310.30	311.06	0.027093	4.42	11.51	9.34	1.27
Bisenzio	Bisenzio	593.50	Max WS	TR30_03h	61.07	307.96	310.23	310.50	311.34	0.027382	4.66	13.11	9.86	1.29
Bisenzio	Bisenzio	593.50	Max WS	TR30_04h	63.48	307.96	310.27	310.55	311.40	0.027436	4.71	13.48	9.98	1.29
Bisenzio	Bisenzio	593.50	Max WS	TR30_06h	61.43	307.96	310.24	310.51	311.35	0.027384	4.66	13.17	9.88	1.29
Bisenzio	Bisenzio	593.50	Max WS	TR30_09h	55.92	307.96	310.15	310.40	311.20	0.027233	4.54	12.32	9.61	1.28
Bisenzio	Bisenzio	593.50	Max WS	TR30_12h	51.26	307.96	310.07	310.31	311.07	0.027096	4.43	11.58	9.36	1.27
Bisenzio	Bisenzio	593.50	Max WS	TR200_01h	78.45	307.96	310.48	310.79	311.76	0.027820	5.01	15.68	10.65	1.32
Bisenzio	Bisenzio	593.50	Max WS	TR200_02h	122.99	307.96	311.00	311.44	312.67	0.028113	5.73	21.47	11.76	1.35
Bisenzio	Bisenzio	593.50	Max WS	TR200_03h	130.74	307.96	311.07	311.54	312.81	0.028232	5.84	22.39	11.92	1.36
Bisenzio	Bisenzio	593.50	Max WS	TR200_06h	116.53	307.96	310.93	311.35	312.55	0.028019	5.63	20.69	11.62	1.35
Bisenzio	Bisenzio	593.50	Max WS	TR200_09h	102.83	307.96	310.78	311.16	312.28	0.027936	5.43	18.95	11.31	1.34
Bisenzio	Bisenzio	593.50	Max WS	TR200_12h	90.08	307.96	310.63	310.97	312.01	0.027860	5.21	17.28	10.99	1.33
Bisenzio	Bisenzio	593	Max WS	TR30_01h	26.51	307.20	308.36		308.78	0.014889	2.87	9.25	9.16	0.91
Bisenzio	Bisenzio	593	Max WS	TR30_02h	50.80	307.20	308.86	308.88	309.44	0.018148	3.36	15.10	13.76	1.03
Bisenzio	Bisenzio	593	Max WS	TR30_03h	61.10	307.20	309.01	309.05	309.66	0.018335	3.57	17.13	14.41	1.04
Bisenzio	Bisenzio	593	Max WS	TR30_04h	63.54	307.20	309.04	309.08	309.70	0.018362	3.61	17.61	14.55	1.05
Bisenzio	Bisenzio	593	Max WS	TR30_06h	61.50	307.20	309.01	309.05	309.66	0.018322	3.57	17.22	14.43	1.04
Bisenzio</														

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio	592	Max WS	TR30_12h	51.47	305.02	306.70	306.61	307.12	0.011310	2.89	18.80	23.45	0.85
Bisenzio	Bisenzio	592	Max WS	TR200_01h	78.44	305.02	307.03	307.06	307.51	0.010465	3.20	29.93	38.16	0.85
Bisenzio	Bisenzio	592	Max WS	TR200_02h	123.06	305.02	307.44	307.42	307.89	0.008239	3.31	52.69	53.78	0.78
Bisenzio	Bisenzio	592	Max WS	TR200_03h	131.08	305.02	307.50		307.96	0.008039	3.34	55.99	54.12	0.78
Bisenzio	Bisenzio	592	Max WS	TR200_06h	116.98	305.02	307.39	307.37	307.85	0.008382	3.28	50.19	53.52	0.78
Bisenzio	Bisenzio	592	Max WS	TR200_09h	103.25	305.02	307.28	307.29	307.73	0.008853	3.23	44.11	52.88	0.80
Bisenzio	Bisenzio	592	Max WS	TR200_12h	90.46	305.02	307.15	307.21	307.65	0.009968	3.27	34.78	38.69	0.84
Bisenzio	Bisenzio	591	Max WS	TR30_01h	26.50	304.32	305.04	305.24	305.69	0.054556	3.59	7.38	15.10	1.64
Bisenzio	Bisenzio	591	Max WS	TR30_02h	50.84	304.32	305.40	305.60	306.13	0.033968	3.79	13.42	17.71	1.39
Bisenzio	Bisenzio	591	Max WS	TR30_03h	61.21	304.32	305.56	305.73	306.28	0.027654	3.77	16.25	18.46	1.28
Bisenzio	Bisenzio	591	Max WS	TR30_04h	63.80	304.32	305.59	305.76	306.32	0.026914	3.79	16.85	18.62	1.27
Bisenzio	Bisenzio	591	Max WS	TR30_06h	61.77	304.32	305.56	305.73	306.29	0.027471	3.77	16.38	18.50	1.28
Bisenzio	Bisenzio	591	Max WS	TR30_09h	56.25	304.32	305.49	305.67	306.20	0.029723	3.75	15.00	18.13	1.32
Bisenzio	Bisenzio	591	Max WS	TR30_12h	51.58	304.32	305.41	305.61	306.14	0.033269	3.78	13.64	17.77	1.38
Bisenzio	Bisenzio	591	Max WS	TR200_01h	78.44	304.32	305.76	305.92	306.54	0.024142	3.91	20.07	19.43	1.23
Bisenzio	Bisenzio	591	Max WS	TR200_02h	123.09	304.32	306.20	306.36	307.11	0.020038	4.24	29.05	21.55	1.17
Bisenzio	Bisenzio	591	Max WS	TR200_03h	131.27	304.32	306.27	306.43	307.20	0.019375	4.27	30.72	21.92	1.15
Bisenzio	Bisenzio	591	Max WS	TR200_06h	117.20	304.32	306.14	306.31	307.04	0.020444	4.20	27.89	21.29	1.17
Bisenzio	Bisenzio	591	Max WS	TR200_09h	103.45	304.32	306.01	306.17	306.87	0.021545	4.11	25.16	20.66	1.19
Bisenzio	Bisenzio	591	Max WS	TR200_12h	90.64	304.32	305.88	306.05	306.71	0.022743	4.01	22.58	20.05	1.21
Bisenzio	Bisenzio	590	Max WS	TR30_01h	26.50	303.01	304.33	304.15	304.61	0.009262	2.33	11.39	12.81	0.76
Bisenzio	Bisenzio	590	Max WS	TR30_02h	50.84	303.01	304.91	304.62	305.28	0.008945	2.69	18.88	16.88	0.77
Bisenzio	Bisenzio	590	Max WS	TR30_03h	61.22	303.01	305.12	304.83	305.51	0.007760	2.76	22.20	17.53	0.74
Bisenzio	Bisenzio	590	Max WS	TR30_04h	63.82	303.01	305.16	304.88	305.56	0.007671	2.79	22.84	17.59	0.74
Bisenzio	Bisenzio	590	Max WS	TR30_06h	61.80	303.01	305.13	304.84	305.52	0.007740	2.77	22.34	17.54	0.74
Bisenzio	Bisenzio	590	Max WS	TR30_09h	56.27	303.01	305.03	304.73	305.41	0.008120	2.70	20.82	17.38	0.75
Bisenzio	Bisenzio	590	Max WS	TR30_12h	51.60	303.01	304.93	304.64	305.30	0.008894	2.69	19.18	17.10	0.77
Bisenzio	Bisenzio	590	Max WS	TR200_01h	78.44	303.01	305.37	305.07	305.83	0.007554	3.02	25.97	17.92	0.75
Bisenzio	Bisenzio	590	Max WS	TR200_02h	123.10	303.01	305.86	305.55	306.54	0.007779	3.65	33.73	18.74	0.79
Bisenzio	Bisenzio	590	Max WS	TR200_03h	131.31	303.01	305.95	305.63	306.67	0.007727	3.74	35.13	18.89	0.79
Bisenzio	Bisenzio	590	Max WS	TR200_06h	117.24	303.01	305.80	305.49	306.46	0.007768	3.58	32.77	18.64	0.79
Bisenzio	Bisenzio	590	Max WS	TR200_09h	103.50	303.01	305.65	305.35	306.24	0.007729	3.40	30.45	18.40	0.78
Bisenzio	Bisenzio	590	Max WS	TR200_12h	90.69	303.01	305.51	305.21	306.04	0.007657	3.21	28.21	18.16	0.76
Bisenzio	Bisenzio	589		Bridge										
Bisenzio	Bisenzio	588	Max WS	TR30_01h	26.50	302.97	304.11	304.10	304.44	0.017854	2.54	10.43	15.32	0.98
Bisenzio	Bisenzio	588	Max WS	TR30_02h	50.84	302.97	304.47	304.47	304.98	0.016246	3.18	15.98	16.16	1.00
Bisenzio	Bisenzio	588	Max WS	TR30_03h	61.22	302.97	304.60	304.60	305.19	0.015654	3.39	18.06	16.48	1.00
Bisenzio	Bisenzio	588	Max WS	TR30_04h	63.82	302.97	304.63	304.64	305.23	0.015523	3.44	18.57	16.56	1.00
Bisenzio	Bisenzio	588	Max WS	TR30_06h	61.80	302.97	304.61	304.61	305.20	0.015619	3.40	18.18	16.50	1.00
Bisenzio	Bisenzio	588	Max WS	TR30_09h	56.27	302.97	304.54	304.54	305.09	0.015916	3.29	17.09	16.33	1.00
Bisenzio	Bisenzio	588	Max WS	TR30_12h	51.60	302.97	304.48	304.48	305.00	0.016186	3.20	16.14	16.19	1.00
Bisenzio	Bisenzio	588	Max WS	TR200_01h	78.44	302.97	304.80	304.81	305.50	0.014946	3.69	21.25	16.96	1.01
Bisenzio	Bisenzio	588	Max WS	TR200_02h	123.10	302.97	305.26	305.29	306.22	0.014233	4.36	28.26	18.02	1.03
Bisenzio	Bisenzio	588	Max WS	TR200_03h	131.31	302.97	305.33	305.38	306.35	0.014199	4.47	29.40	18.19	1.04
Bisenzio	Bisenzio	588	Max WS	TR200_06h	117.24	302.97	305.20	305.23	306.13	0.014258	4.27	27.43	17.89	1.03
Bisenzio	Bisenzio	588	Max WS	TR200_09h	103.50	302.97	305.07	305.09	305.92	0.014353	4.07	25.41	17.59	1.02
Bisenzio	Bisenzio	588	Max WS	TR200_12h	90.68	302.97	304.94	304.95	305.71	0.014611	3.88	23.34	17.28	1.01
Bisenzio	Bisenzio	587	Max WS	TR30_01h	26.50	301.66	302.91		303.23	0.013371	2.50	10.58	12.77	0.88
Bisenzio	Bisenzio	587	Max WS	TR30_02h	50.85	301.66	303.37		303.83	0.012747	2.98	17.09	15.26	0.90
Bisenzio	Bisenzio	587	Max WS	TR30_03h	61.26	301.66	303.51		304.03	0.013274	3.18	19.25	16.01	0.93
Bisenzio	Bisenzio	587	Max WS	TR30_04h	63.90	301.66	303.55		304.08	0.013368	3.23	19.80	16.19	0.93
Bisenzio	Bisenzio	587	Max WS	TR30_06h	61.89	301.66	303.52		304.04	0.013324	3.20	19.37	16.04	0.93
Bisenzio	Bisenzio	587	Max WS	TR30_09h	56.37	301.66	303.45		303.93	0.013139	3.10	18.20	15.65	0.92
Bisenzio	Bisenzio	587	Max WS	TR30_12h	51.69	301.66	303.38		303.84	0.012817	3.00	17.25	15.32	0.90
Bisenzio	Bisenzio	587	Max WS	TR200_01h	78.45	301.66	303.72	303.68	304.33	0.013858	3.46	22.66	17.11	0.96
Bisenzio	Bisenzio	587	Max WS	TR200_02h	123.13	301.66	304.10	304.22	304.94	0.014952	4.10	32.12	28.82	1.03
Bisenzio	Bisenzio	587	Max WS	TR200_03h	131.47	301.66	304.15	304.33	305.04	0.015036	4.21	33.80	30.40	1.04
Bisenzio	Bisenzio	587	Max WS	TR200_06h	117.43	301.66	304.05	304.17	304.87	0.014950	4.03	30.93	27.66	1.03
Bisenzio	Bisenzio	587	Max WS	TR200_09h	103.67	301.66	303.95	304.02	304.69	0.014820	3.84	28.18	25.25	1.01
Bisenzio	Bisenzio	587	Max WS	TR200_12h	90.84	301.66	303.85	303.89	304.53	0.014363	3.65	24.88	17.79	0.99
Bisenzio	Bisenzio	586	Max WS	TR30_01h	26.44	300.99	302.19		302.52	0.012902	2.54	10.43	11.66	0.86
Bisenzio	Bisenzio	586	Max WS	TR30_02h	50.83	300.99	302.71	302.67	303.12	0.009840	2.88	20.99	35.21	0.80
Bisenzio	Bisenzio	586	Max WS	TR30_03h	61.28	300.99	302.79	302.85	303.28	0.011432	3.22	23.70	38.18	0.87
Bisenzio	Bisenzio	586	Max WS	TR30_04h	63.96	300.99	302.81	302.91	303.32	0.011608	3.28	24.60	39.13	0.87
Bisenzio	Bisenzio	586	Max WS	TR30_06h	61.97	300.99	302.79	302.89	303.29	0.011646	3.25	23.74	38.23	0.87
Bisenzio	Bisenzio	586	Max WS	TR30_09h	56.44	300.99	302.74	302.78	303.21	0.011301	3.12	21.82	36.14	0.86
Bisenzio	Bisenzio	586	Max WS	TR30_12h	51.75	300.99	302.71	302.68	303.13	0.010163	2.93	21.03	35.26	0.81
Bisenzio	Bisenzio	586	Max WS	TR200_01h	77.95	300.99	302.94	303.05	303.49	0.011615	3.48	30.02	41.81	0.89
Bisenzio	Bisenzio	586	Max WS	TR200_02h	122.61	300.99	303.25	303.37	303.93	0.012494	4.06	42.97	42.94	0.95
Bisenzio	Bisenzio	586	Max WS	TR200_03h	131.60	300.99	303.29	303.43	304.01	0.012806	4.18	45.01	43.11	0.96
Bisenzio	Bisenzio	586	Max WS	TR200_06h	117.57	300.99	303.20	303.34	303.89	0.012853	4.05	41.06	42.77	0.96
Bisenzio	Bisenzio	586	Max WS	TR200_09h	103.80	300.99	303.11	303.25	303.76	0.012708	3.90	37.20	42.44	0.94
Bisenzio	Bisenzio	586	Max WS	TR200_12h	90.96	300.99	303.02	303.15	303.64	0.012530	3.73	33.39	42.11	0.93
Bisenzio	Bisenzio	584	Max WS	TR30_01h	31.72	300.45	301.76	301.75	302.26	0.017343	3.12	10.16	9.91	0.99
Bisenzio	Bisenzio	584	Max WS	TR30_02h	60.54	300.45	302.25	302.44	302.99	0.021262	3.82	15.84	13.53	1.13
Bisenzio	Bisenzio	584	Max WS	TR30_03h	72.31	300.45	302.30	302.55	303.06	0.022455	4.00	22.61	38.78	1.16
Bisenzio	Bisenzio	584	Max WS	TR30_04h	75.10	300.45	302.33	302.57	303.09	0.022388	4.04	23.50	39.66	1.17
Bisenzio	Bisenzio	584	Max WS	TR30_06h	72.18	300.45	302.30	302.55	303.06	0.022447	4.00	22.58	38.74	1.16
Bisenzio	Bisenzio	584	Max WS	TR30_09h	65.56	300.45	302.26	302.49	303.11	0.024392	4.10	15.98	13.60	1.21
Bisenzio	Bisenzio	584	Max WS	TR30_12h	60.02	300.45	302.24	302.44	302.98	0.020997	3.80	15.81	13.51	1.12
Bisenzio	Bisenzio	584	Max WS	TR200_01h	93.92	300.45	302.46	302.71	303.29	0.022231				

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio	583	Max WS	TR200_01h	93.92	299.59	301.56	301.64	302.08	0.015677	3.27	31.86	36.68	0.98
Bisenzio	Bisenzio	583	Max WS	TR200_02h	145.78	299.59	301.85	301.97	302.50	0.015553	3.77	47.35	54.17	1.01
Bisenzio	Bisenzio	583	Max WS	TR200_03h	154.63	299.59	301.89	302.02	302.57	0.015614	3.85	49.53	54.32	1.02
Bisenzio	Bisenzio	583	Max WS	TR200_06h	132.96	299.59	301.83	301.90	302.40	0.013772	3.51	46.18	54.06	0.95
Bisenzio	Bisenzio	583	Max WS	TR200_09h	120.38	299.59	301.76	301.82	302.30	0.013618	3.39	42.76	52.21	0.94
Bisenzio	Bisenzio	583	Max WS	TR200_12h	105.30	299.59	301.66	301.72	302.18	0.014589	3.31	37.24	49.08	0.96
Bisenzio	Bisenzio	582	Max WS	TR30_01h	31.73	298.05	299.47	299.56	300.03	0.022349	3.32	9.57	10.88	1.13
Bisenzio	Bisenzio	582	Max WS	TR30_02h	60.58	298.05	299.97	300.10	300.75	0.020685	3.92	15.46	12.77	1.14
Bisenzio	Bisenzio	582	Max WS	TR30_03h	72.41	298.05	300.14	300.28	301.00	0.020187	4.09	17.70	13.42	1.14
Bisenzio	Bisenzio	582	Max WS	TR30_04h	75.27	298.05	300.18	300.32	301.05	0.020311	4.14	18.16	13.55	1.14
Bisenzio	Bisenzio	582	Max WS	TR30_06h	72.36	298.05	300.14	300.28	300.99	0.020174	4.09	17.70	13.42	1.14
Bisenzio	Bisenzio	582	Max WS	TR30_09h	65.74	298.05	300.05	300.18	300.86	0.020376	3.99	16.47	13.07	1.14
Bisenzio	Bisenzio	582	Max WS	TR30_12h	60.19	298.05	299.97	300.09	300.75	0.020697	3.91	15.39	12.75	1.14
Bisenzio	Bisenzio	582	Max WS	TR200_01h	93.93	298.05	300.38	300.56	301.40	0.020853	4.47	21.02	14.29	1.17
Bisenzio	Bisenzio	582	Max WS	TR200_02h	145.88	298.05	300.77	301.14	301.90	0.018976	4.94	40.04	56.15	1.16
Bisenzio	Bisenzio	582	Max WS	TR200_03h	154.83	298.05	300.82	301.18	301.95	0.018552	4.98	43.09	56.49	1.16
Bisenzio	Bisenzio	582	Max WS	TR200_06h	136.82	298.05	300.71	301.09	301.84	0.019515	4.91	36.74	55.77	1.17
Bisenzio	Bisenzio	582	Max WS	TR200_09h	120.57	298.05	300.63	300.99	301.85	0.020552	4.89	24.89	18.15	1.19
Bisenzio	Bisenzio	582	Max WS	TR200_12h	105.47	298.05	300.50	300.88	301.60	0.020795	4.65	22.68	14.87	1.19
Bisenzio	Bisenzio	581	Max WS	TR30_01h	31.73	297.13	298.51	298.54	299.01	0.019030	3.13	10.14	11.18	1.05
Bisenzio	Bisenzio	581	Max WS	TR30_02h	60.59	297.13	299.01	299.13	299.71	0.020371	3.71	16.33	14.59	1.12
Bisenzio	Bisenzio	581	Max WS	TR30_03h	72.45	297.13	299.18	299.28	299.92	0.020695	3.83	18.93	16.40	1.14
Bisenzio	Bisenzio	581	Max WS	TR30_04h	75.34	297.13	299.21	299.32	299.97	0.020475	3.87	19.49	16.49	1.14
Bisenzio	Bisenzio	581	Max WS	TR30_06h	72.44	297.13	299.18	299.28	299.92	0.020689	3.83	18.93	16.40	1.14
Bisenzio	Bisenzio	581	Max WS	TR30_09h	65.81	297.13	299.09	299.20	299.81	0.020567	3.76	17.50	15.46	1.13
Bisenzio	Bisenzio	581	Max WS	TR30_12h	60.25	297.13	299.00	299.12	299.71	0.020330	3.71	16.26	14.53	1.12
Bisenzio	Bisenzio	581	Max WS	TR200_01h	93.94	297.13	299.42	299.53	300.27	0.019278	4.10	22.93	17.03	1.13
Bisenzio	Bisenzio	581	Max WS	TR200_02h	145.95	297.13	299.90	300.24	301.00	0.017388	4.64	32.02	27.45	1.12
Bisenzio	Bisenzio	581	Max WS	TR200_03h	154.98	297.13	299.97	300.31	301.10	0.017116	4.73	34.20	32.98	1.12
Bisenzio	Bisenzio	581	Max WS	TR200_06h	136.97	297.13	299.83	300.09	300.88	0.017705	4.55	30.24	21.81	1.12
Bisenzio	Bisenzio	581	Max WS	TR200_09h	120.72	297.13	299.68	299.82	300.66	0.018208	4.39	27.55	17.73	1.12
Bisenzio	Bisenzio	581	Max WS	TR200_12h	105.59	297.13	299.54	299.65	300.45	0.018721	4.23	25.00	17.35	1.12
Bisenzio	Bisenzio	580.25	Max WS	TR30_01h	31.73	293.00	294.66	294.69	295.08	0.020371	2.86	11.09	14.75	1.05
Bisenzio	Bisenzio	580.25	Max WS	TR30_02h	60.64	293.00	295.10	295.13	295.66	0.017236	3.33	18.58	19.89	1.03
Bisenzio	Bisenzio	580.25	Max WS	TR30_03h	72.63	293.00	295.25	295.28	295.86	0.015924	3.48	21.64	20.70	1.01
Bisenzio	Bisenzio	580.25	Max WS	TR30_04h	75.61	293.00	295.29	295.31	295.91	0.015638	3.51	22.40	21.00	1.00
Bisenzio	Bisenzio	580.25	Max WS	TR30_06h	72.74	293.00	295.25	295.28	295.86	0.015907	3.48	21.67	20.71	1.01
Bisenzio	Bisenzio	580.25	Max WS	TR30_09h	66.10	293.00	295.17	295.20	295.75	0.016584	3.40	19.99	20.26	1.02
Bisenzio	Bisenzio	580.25	Max WS	TR30_12h	60.52	293.00	295.10	295.13	295.66	0.017219	3.33	18.56	19.88	1.03
Bisenzio	Bisenzio	580.25	Max WS	TR200_01h	93.97	293.00	295.50	295.52	296.18	0.014129	3.67	27.16	22.89	0.97
Bisenzio	Bisenzio	580.25	Max WS	TR200_02h	146.23	293.00	296.05	296.03	296.81	0.011223	3.97	41.37	27.62	0.90
Bisenzio	Bisenzio	580.25	Max WS	TR200_03h	155.54	293.00	296.15	296.10	296.91	0.010820	4.00	43.95	28.19	0.89
Bisenzio	Bisenzio	580.25	Max WS	TR200_06h	137.56	293.00	295.97	295.95	296.72	0.011601	3.93	39.03	27.24	0.91
Bisenzio	Bisenzio	580.25	Max WS	TR200_09h	121.26	293.00	295.80	295.82	296.53	0.012450	3.86	34.56	26.56	0.94
Bisenzio	Bisenzio	580.25	Max WS	TR200_12h	106.08	293.00	295.64	295.62	296.34	0.013294	3.76	30.35	24.00	0.95
Bisenzio	Bisenzio	580	Max WS	TR30_01h	31.74	291.63	293.66	293.69	294.04	0.013171	2.73	11.62	11.24	0.86
Bisenzio	Bisenzio	580	Max WS	TR30_02h	60.65	291.63	294.18	294.18	294.77	0.013563	3.40	17.82	12.35	0.91
Bisenzio	Bisenzio	580	Max WS	TR30_03h	72.69	291.63	294.36	294.36	295.03	0.013741	3.62	20.07	12.71	0.92
Bisenzio	Bisenzio	580	Max WS	TR30_04h	75.70	291.63	294.40	294.40	295.09	0.013768	3.67	20.62	12.79	0.92
Bisenzio	Bisenzio	580	Max WS	TR30_06h	72.83	291.63	294.36	294.36	295.03	0.013733	3.62	20.10	12.71	0.92
Bisenzio	Bisenzio	580	Max WS	TR30_09h	66.19	291.63	294.27	294.27	294.89	0.013645	3.51	18.87	12.52	0.91
Bisenzio	Bisenzio	580	Max WS	TR30_12h	60.61	291.63	294.18	294.18	294.77	0.013552	3.40	17.81	12.35	0.90
Bisenzio	Bisenzio	580	Max WS	TR200_01h	93.97	291.63	294.66	294.66	295.44	0.013814	3.93	23.91	13.29	0.94
Bisenzio	Bisenzio	580	Max WS	TR200_02h	146.31	291.63	295.26	295.21	296.31	0.014154	4.53	32.30	14.48	0.97
Bisenzio	Bisenzio	580	Max WS	TR200_03h	155.73	291.63	295.36	295.31	296.45	0.014113	4.61	33.79	14.68	0.97
Bisenzio	Bisenzio	580	Max WS	TR200_06h	137.75	291.63	295.17	295.11	296.18	0.014148	4.45	30.96	14.29	0.97
Bisenzio	Bisenzio	580	Max WS	TR200_09h	121.44	291.63	294.98	294.92	295.92	0.014100	4.28	28.38	13.93	0.96
Bisenzio	Bisenzio	580	Max WS	TR200_12h	106.24	291.63	294.81	294.73	295.66	0.013958	4.10	25.94	13.59	0.95
Bisenzio	Bisenzio	579	Max WS	TR30_01h	31.74	289.99	292.17	292.17	292.47	0.009071	2.41	13.15	11.79	0.73
Bisenzio	Bisenzio	579	Max WS	TR30_02h	60.67	289.99	292.74	292.74	293.20	0.009325	3.01	20.13	12.82	0.77
Bisenzio	Bisenzio	579	Max WS	TR30_03h	72.79	289.99	292.95	292.95	293.46	0.009298	3.19	22.82	13.20	0.77
Bisenzio	Bisenzio	579	Max WS	TR30_04h	75.84	289.99	292.99	292.99	293.53	0.009309	3.23	23.46	13.29	0.78
Bisenzio	Bisenzio	579	Max WS	TR30_06h	73.00	289.99	292.95	292.95	293.47	0.009292	3.19	22.86	13.20	0.77
Bisenzio	Bisenzio	579	Max WS	TR30_09h	66.34	289.99	292.84	292.84	293.33	0.009320	3.10	21.39	13.00	0.77
Bisenzio	Bisenzio	579	Max WS	TR30_12h	60.75	289.99	292.74	292.74	293.20	0.009301	3.01	20.16	12.83	0.77
Bisenzio	Bisenzio	579	Max WS	TR200_01h	93.98	289.99	293.26	293.26	293.88	0.009429	3.47	27.08	13.77	0.79
Bisenzio	Bisenzio	579	Max WS	TR200_02h	146.45	289.99	293.93	293.93	294.74	0.009559	3.98	36.76	15.00	0.81
Bisenzio	Bisenzio	579	Max WS	TR200_03h	156.02	289.99	294.04	294.04	294.88	0.009657	4.06	38.44	15.35	0.82
Bisenzio	Bisenzio	579	Max WS	TR200_06h	138.07	289.99	293.84	293.84	294.62	0.009515	3.91	35.32	14.82	0.81
Bisenzio	Bisenzio	579	Max WS	TR200_09h	121.74	289.99	293.63	293.63	294.36	0.009533	3.77	32.31	14.45	0.80
Bisenzio	Bisenzio	579	Max WS	TR200_12h	106.50	289.99	293.43	293.43	294.10	0.009494	3.61	29.47	14.09	0.80
Bisenzio	Bisenzio	578	Max WS	TR30_01h	31.74	289.80	291.60	291.60	291.72	0.002606	1.52	20.91	15.19	0.41
Bisenzio	Bisenzio	578	Max WS	TR30_02h	60.70	289.80	292.02	292.02	292.27	0.004240	2.20	27.65	16.47	0.54
Bisenzio	Bisenzio	578	Max WS	TR30_03h	72.91	289.80	292.22	292.22	292.50	0.004470	2.36	30.85	17.04	0.56
Bisenzio	Bisenzio	578	Max WS	TR30_04h	75.99	289.80	292.26	292.26	292.55	0.004558	2.41	31.54	17.16	0.57
Bisenzio	Bisenzio	578	Max WS	TR30_06h	73.16	289.80	292.22	292.22	292.51	0.004472	2.37	29.92	17.05	0.56
Bisenzio	Bisenzio	578	Max WS	TR30_09h	66.50	289.80	292.11	292.11	292.38	0.004414	2.29	29.06	16.72	0.55
Bisenzio	Bisenzio	578	Max WS	TR30_12h	60.90	289.80	292.03	292.03	292.27	0.004244	2.20	27.71	16.48	0.54
Bisenzio	Bisenzio	578	Max WS	TR200_01h	93.98	289.80	292.47	292.47	292.83	0.005043	2.66	35.34	17.81	0.60
Bisenzio	Bisenzio	578	Max WS	TR200_02h	146.59	289.80	293.03							

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio	577	Max WS	TR200_06h	138.52	289.87	292.51	292.40	293.40	0.012043	4.18	33.12	20.24	0.92
Bisenzio	Bisenzio	577	Max WS	TR200_09h	122.15	289.87	292.34	292.23	293.16	0.012239	4.00	30.57	19.86	0.92
Bisenzio	Bisenzio	577	Max WS	TR200_12h	106.88	289.87	292.18	292.08	292.92	0.012643	3.83	27.94	19.72	0.92
Bisenzio	Bisenzio	576		Bridge										
Bisenzio	Bisenzio	575	Max WS	TR30_01h	31.74	289.92	290.63	290.88	291.48	0.060356	4.07	7.80	18.17	1.75
Bisenzio	Bisenzio	575	Max WS	TR30_02h	60.70	289.92	291.00	291.32	292.12	0.040625	4.68	12.96	18.37	1.56
Bisenzio	Bisenzio	575	Max WS	TR30_03h	72.95	289.92	291.14	291.48	292.35	0.036065	4.86	15.00	18.44	1.51
Bisenzio	Bisenzio	575	Max WS	TR30_04h	76.04	289.92	291.18	291.52	292.41	0.035372	4.92	15.47	18.46	1.50
Bisenzio	Bisenzio	575	Max WS	TR30_06h	73.22	289.92	291.14	291.48	292.36	0.036237	4.88	15.01	18.44	1.51
Bisenzio	Bisenzio	575	Max WS	TR30_09h	66.56	289.92	291.07	291.39	292.23	0.038313	4.77	13.94	18.40	1.53
Bisenzio	Bisenzio	575	Max WS	TR30_12h	60.96	289.92	291.00	291.32	292.12	0.040743	4.70	12.98	18.37	1.56
Bisenzio	Bisenzio	575	Max WS	TR200_01h	93.98	289.92	291.37	291.78	292.73	0.031137	5.15	18.25	18.57	1.45
Bisenzio	Bisenzio	575	Max WS	TR200_02h	146.64	289.92	291.89	292.32	293.53	0.027598	5.68	25.82	18.84	1.42
Bisenzio	Bisenzio	575	Max WS	TR200_03h	156.44	289.92	291.97	292.41	293.67	0.026590	5.76	27.14	18.89	1.40
Bisenzio	Bisenzio	575	Max WS	TR200_06h	138.52	289.92	291.81	292.24	293.43	0.028775	5.62	24.64	18.80	1.44
Bisenzio	Bisenzio	575	Max WS	TR200_09h	122.15	289.92	291.66	292.09	293.19	0.027150	5.49	22.25	18.72	1.40
Bisenzio	Bisenzio	575	Max WS	TR200_12h	106.87	289.92	291.51	291.93	292.95	0.029114	5.31	20.11	18.64	1.42
Bisenzio	Bisenzio	573	Max WS	TR30_01h	31.70	288.74	289.80	290.10	290.10	0.016449	2.45	12.94	18.15	0.93
Bisenzio	Bisenzio	573	Max WS	TR30_02h	60.62	288.74	290.32	290.69	291.03	0.010339	2.70	22.43	18.48	0.78
Bisenzio	Bisenzio	573	Max WS	TR30_03h	72.96	288.74	290.48	290.90	291.03	0.010034	2.87	25.46	18.58	0.78
Bisenzio	Bisenzio	573	Max WS	TR30_04h	76.06	288.74	290.51	290.95	291.02	0.010121	2.92	26.08	18.60	0.79
Bisenzio	Bisenzio	573	Max WS	TR30_06h	73.24	288.74	290.48	290.90	291.07	0.010171	2.88	25.42	18.58	0.79
Bisenzio	Bisenzio	573	Max WS	TR30_09h	66.58	288.74	290.39	290.79	291.02	0.010226	2.79	23.89	18.53	0.78
Bisenzio	Bisenzio	573	Max WS	TR30_12h	60.98	288.74	290.31	290.69	291.05	0.010520	2.72	22.39	18.48	0.79
Bisenzio	Bisenzio	573	Max WS	TR200_01h	93.95	288.74	290.71	291.22	291.18	0.010118	3.15	29.84	18.72	0.80
Bisenzio	Bisenzio	573	Max WS	TR200_02h	146.66	288.74	291.21	291.92	291.92	0.010379	3.73	39.33	19.31	0.83
Bisenzio	Bisenzio	573	Max WS	TR200_03h	156.48	288.74	291.30	292.04	292.04	0.010422	3.83	41.00	23.80	0.83
Bisenzio	Bisenzio	573	Max WS	TR200_06h	138.56	288.74	291.14	291.82	291.82	0.010495	3.67	37.81	19.14	0.83
Bisenzio	Bisenzio	573	Max WS	TR200_09h	122.19	288.74	290.98	291.61	291.61	0.010506	3.50	34.91	18.89	0.82
Bisenzio	Bisenzio	573	Max WS	TR200_12h	106.91	288.74	290.84	291.40	291.40	0.010360	3.32	32.18	18.80	0.81
Bisenzio	Bisenzio	572	Max WS	TR30_01h	39.57	287.70	289.34	289.70	289.70	0.009672	2.65	14.95	12.52	0.77
Bisenzio	Bisenzio	572	Max WS	TR30_02h	76.18	287.70	289.89	290.43	290.43	0.013296	3.24	23.51	18.62	0.92
Bisenzio	Bisenzio	572	Max WS	TR30_03h	90.97	287.70	290.05	290.65	290.65	0.013984	3.43	26.53	20.12	0.95
Bisenzio	Bisenzio	572	Max WS	TR30_04h	94.47	287.70	290.08	290.04	290.70	0.013964	3.48	27.18	20.21	0.95
Bisenzio	Bisenzio	572	Max WS	TR30_06h	90.55	287.70	290.04	290.00	290.64	0.013977	3.42	26.46	20.11	0.95
Bisenzio	Bisenzio	572	Max WS	TR30_09h	82.78	287.70	289.97	290.53	290.53	0.013704	3.32	24.90	19.43	0.94
Bisenzio	Bisenzio	572	Max WS	TR30_12h	75.81	287.70	289.89	290.42	290.42	0.013256	3.23	23.44	18.58	0.92
Bisenzio	Bisenzio	572	Max WS	TR200_01h	117.59	287.70	290.28	290.25	291.00	0.013878	3.77	31.28	20.80	0.97
Bisenzio	Bisenzio	572	Max WS	TR200_02h	182.50	287.70	290.78	290.78	291.76	0.013441	4.38	42.06	22.29	0.99
Bisenzio	Bisenzio	572	Max WS	TR200_03h	194.12	287.70	290.86	290.87	291.88	0.013356	4.47	43.91	22.54	0.99
Bisenzio	Bisenzio	572	Max WS	TR200_06h	171.27	287.70	290.70	290.70	291.64	0.013506	4.29	40.27	22.05	0.99
Bisenzio	Bisenzio	572	Max WS	TR200_09h	150.71	287.70	290.55	290.53	291.40	0.013651	4.11	36.90	21.59	0.98
Bisenzio	Bisenzio	572	Max WS	TR200_12h	132.37	287.70	290.40	290.38	291.19	0.013765	3.93	33.83	21.17	0.98
Bisenzio	Bisenzio	571	Max WS	TR30_01h	39.58	287.54	288.78	288.78	289.22	0.016442	2.94	13.47	14.92	0.99
Bisenzio	Bisenzio	571	Max WS	TR30_02h	76.21	287.54	289.26	289.29	289.88	0.016179	3.46	22.04	19.00	1.02
Bisenzio	Bisenzio	571	Max WS	TR30_03h	91.05	287.54	289.42	289.44	290.10	0.015649	3.66	24.94	19.32	1.02
Bisenzio	Bisenzio	571	Max WS	TR30_04h	94.56	287.54	289.45	289.48	290.15	0.015541	3.70	25.60	19.39	1.02
Bisenzio	Bisenzio	571	Max WS	TR30_06h	90.64	287.54	289.41	289.44	290.09	0.015661	3.65	24.86	19.31	1.02
Bisenzio	Bisenzio	571	Max WS	TR30_09h	82.86	287.54	289.33	289.36	289.98	0.015914	3.55	23.36	19.14	1.02
Bisenzio	Bisenzio	571	Max WS	TR30_12h	75.89	287.54	289.26	289.28	289.87	0.016165	3.46	21.98	18.99	1.02
Bisenzio	Bisenzio	571	Max WS	TR200_01h	117.61	287.54	289.66	289.70	290.46	0.014985	3.96	29.80	19.84	1.03
Bisenzio	Bisenzio	571	Max WS	TR200_02h	182.61	287.54	290.20	290.24	291.24	0.013884	4.53	40.68	20.96	1.03
Bisenzio	Bisenzio	571	Max WS	TR200_03h	194.31	287.54	290.29	290.33	291.37	0.013735	4.61	42.53	21.14	1.03
Bisenzio	Bisenzio	571	Max WS	TR200_06h	171.46	287.54	290.11	290.15	291.12	0.014021	4.44	38.91	20.78	1.03
Bisenzio	Bisenzio	571	Max WS	TR200_09h	150.88	287.54	289.95	289.98	290.88	0.014338	4.27	35.53	20.44	1.03
Bisenzio	Bisenzio	571	Max WS	TR200_12h	132.53	287.54	289.80	289.83	290.66	0.014655	4.11	32.43	20.11	1.03
Bisenzio	Bisenzio	570.5		Lat Struct										
Bisenzio	Bisenzio	570	Max WS	TR30_01h	39.58	286.07	287.78	288.10	288.10	0.011429	2.50	15.80	16.79	0.82
Bisenzio	Bisenzio	570	Max WS	TR30_02h	76.26	286.07	288.29	288.77	288.77	0.010966	3.08	24.77	18.44	0.85
Bisenzio	Bisenzio	570	Max WS	TR30_03h	91.16	286.07	288.46	289.00	289.00	0.010812	3.26	27.97	18.78	0.85
Bisenzio	Bisenzio	570	Max WS	TR30_04h	94.70	286.07	288.50	289.05	289.05	0.010822	3.30	28.67	18.85	0.86
Bisenzio	Bisenzio	570	Max WS	TR30_06h	90.80	286.07	288.46	289.00	289.00	0.010806	3.25	27.90	18.77	0.85
Bisenzio	Bisenzio	570	Max WS	TR30_09h	83.01	286.07	288.37	288.88	288.88	0.010863	3.16	26.26	18.60	0.85
Bisenzio	Bisenzio	570	Max WS	TR30_12h	76.03	286.07	288.29	288.77	288.77	0.010955	3.07	24.73	18.44	0.85
Bisenzio	Bisenzio	570	Max WS	TR200_01h	117.64	286.07	288.73	289.15	289.37	0.010839	3.56	33.06	19.31	0.87
Bisenzio	Bisenzio	570	Max WS	TR200_02h	182.80	286.07	289.29	289.15	290.15	0.010374	4.11	45.90	26.82	0.88
Bisenzio	Bisenzio	570	Max WS	TR200_03h	194.56	286.07	289.38	289.26	290.27	0.010290	4.19	48.32	26.88	0.88
Bisenzio	Bisenzio	570	Max WS	TR200_06h	171.77	286.07	289.21	289.05	290.03	0.010426	4.03	43.63	25.77	0.88
Bisenzio	Bisenzio	570	Max WS	TR200_09h	151.17	286.07	289.04	288.86	289.80	0.010555	3.86	39.46	23.00	0.87
Bisenzio	Bisenzio	570	Max WS	TR200_12h	132.79	286.07	288.87	289.57	289.57	0.010734	3.70	35.90	20.33	0.87
Bisenzio	Bisenzio	569.50	Max WS	TR30_01h	39.58	285.28	286.86	287.27	287.27	0.014439	2.83	13.97	14.50	0.92
Bisenzio	Bisenzio	569.50	Max WS	TR30_02h	76.30	285.28	287.44	287.98	287.98	0.012843	3.28	23.25	17.46	0.91
Bisenzio	Bisenzio	569.50	Max WS	TR30_03h	91.28	285.28	287.63	288.22	288.22	0.012383	3.41	26.74	18.32	0.90
Bisenzio	Bisenzio	569.50	Max WS	TR30_04h	94.85	285.28	287.67	288.28	288.28	0.012260	3.45	27.50	18.39	0.90
Bisenzio	Bisenzio	569.50	Max WS	TR30_06h	90.95	285.28	287.63	288.22	288.22	0.012390	3.41	26.67	18.32	0.90
Bisenzio	Bisenzio	569.50	Max WS	TR30_09h	83.16	285.28	287.53	288.10	288.10	0.012597	3.34	24.90	17.92	0.90
Bisenzio	Bisenzio	569.50	Max WS	TR30_12h	76.17	285.28	287.43	287.98	287.98	0.012823	3.28	23.23	17.45	0.91
Bisenzio	Bisenzio	569.50	Max WS	TR200_01h	117.67	285.28	287.92	288.60	288.60	0.011695	3.66	32.17	18.79	0.89
Bisenzio	Bisenzio	569.50	Max WS	TR200_02h	182.89	285.28	288.50	289.41	289.41	0.011642	4.21	43.40	20.13	0.92
Bisenzio	Bisenzio	569.50	Max WS	TR200_03h	194.69	285.28	288.59	289.54	289.54	0.011747	4.31	45.16	20.35	0.92
Bisenzio	Bisenzio	569.50	Max WS	TR200_06h	172.05	285.28	288.42							

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio	569	Max WS	TR200_01h	117.70	284.49	287.08		287.78	0.011879	3.68	31.97	18.19	0.89
Bisenzio	Bisenzio	569	Max WS	TR200_02h	183.12	284.49	287.61	287.56	288.56	0.013247	4.32	42.40	20.70	0.96
Bisenzio	Bisenzio	569	Max WS	TR200_03h	195.15	284.49	287.69	287.65	288.69	0.013305	4.43	44.08	20.81	0.97
Bisenzio	Bisenzio	569	Max WS	TR200_06h	172.39	284.49	287.54	287.47	288.45	0.013182	4.22	40.89	20.59	0.95
Bisenzio	Bisenzio	569	Max WS	TR200_09h	151.74	284.49	287.39		288.21	0.013026	4.01	37.80	20.25	0.94
Bisenzio	Bisenzio	569	Max WS	TR200_12h	133.32	284.49	287.23		287.98	0.012413	3.84	34.73	19.19	0.91
Bisenzio	Bisenzio	568.7			Lat Struct									
Bisenzio	Bisenzio	568.50	Max WS	TR30_01h	39.58	284.02	285.68		285.89	0.006794	2.01	19.66	19.90	0.65
Bisenzio	Bisenzio	568.50	Max WS	TR30_02h	76.38	284.02	286.12		286.47	0.007739	2.62	29.84	25.31	0.72
Bisenzio	Bisenzio	568.50	Max WS	TR30_03h	91.48	284.02	286.27		286.67	0.007935	2.82	33.51	25.87	0.74
Bisenzio	Bisenzio	568.50	Max WS	TR30_04h	95.11	284.02	286.30		286.71	0.007974	2.86	34.36	25.99	0.75
Bisenzio	Bisenzio	568.50	Max WS	TR30_06h	91.23	284.02	286.26		286.66	0.007928	2.81	33.46	25.86	0.74
Bisenzio	Bisenzio	568.50	Max WS	TR30_09h	83.42	284.02	286.19		286.56	0.007828	2.71	31.59	25.59	0.73
Bisenzio	Bisenzio	568.50	Max WS	TR30_12h	76.41	284.02	286.12		286.47	0.007728	2.62	29.86	25.32	0.72
Bisenzio	Bisenzio	568.50	Max WS	TR200_01h	117.73	284.02	286.49		286.98	0.008251	3.11	39.44	26.77	0.77
Bisenzio	Bisenzio	568.50	Max WS	TR200_02h	183.19	284.02	286.95		287.63	0.008754	3.72	52.29	30.34	0.83
Bisenzio	Bisenzio	568.50	Max WS	TR200_03h	195.20	284.02	287.02		287.74	0.008826	3.82	54.47	30.43	0.83
Bisenzio	Bisenzio	568.50	Max WS	TR200_06h	172.60	284.02	286.88		287.53	0.008675	3.63	50.34	30.27	0.82
Bisenzio	Bisenzio	568.50	Max WS	TR200_09h	151.95	284.02	286.75		287.34	0.008535	3.44	46.44	28.45	0.80
Bisenzio	Bisenzio	568.50	Max WS	TR200_12h	133.51	284.02	286.62		287.15	0.008434	3.26	42.80	27.29	0.79
Bisenzio	Bisenzio	568	Max WS	TR30_01h	39.58	283.55	285.29		285.51	0.007801	2.15	21.73	33.63	0.68
Bisenzio	Bisenzio	568	Max WS	TR30_02h	76.41	283.55	285.70		285.99	0.008063	2.60	36.00	36.30	0.72
Bisenzio	Bisenzio	568	Max WS	TR30_03h	91.56	283.55	285.83		286.16	0.008187	2.76	40.75	36.90	0.74
Bisenzio	Bisenzio	568	Max WS	TR30_04h	95.21	283.55	285.86		286.19	0.008215	2.79	41.84	37.03	0.74
Bisenzio	Bisenzio	568	Max WS	TR30_06h	91.34	283.55	285.82		286.15	0.008179	2.75	40.69	36.89	0.74
Bisenzio	Bisenzio	568	Max WS	TR30_09h	83.53	283.55	285.76		286.07	0.008112	2.67	38.29	36.59	0.73
Bisenzio	Bisenzio	568	Max WS	TR30_12h	76.51	283.55	285.70		285.99	0.008050	2.60	36.06	36.31	0.72
Bisenzio	Bisenzio	568	Max WS	TR200_01h	117.74	283.55	286.03		286.41	0.008355	3.01	48.20	38.17	0.76
Bisenzio	Bisenzio	568	Max WS	TR200_02h	182.99	283.55	286.43		286.95	0.008596	3.55	64.50	40.98	0.80
Bisenzio	Bisenzio	568	Max WS	TR200_03h	194.78	283.55	286.50		287.04	0.008629	3.63	67.19	41.10	0.81
Bisenzio	Bisenzio	568	Max WS	TR200_06h	172.68	283.55	286.37		286.87	0.008545	3.47	62.13	40.85	0.79
Bisenzio	Bisenzio	568	Max WS	TR200_09h	152.15	283.55	286.25		286.71	0.008463	3.31	57.17	40.55	0.78
Bisenzio	Bisenzio	568	Max WS	TR200_12h	133.70	283.55	286.14		286.55	0.008398	3.15	52.46	39.53	0.77
Bisenzio	Bisenzio	567	Max WS	TR30_01h	39.58	284.02	284.99	284.68	285.10	0.004498	1.46	27.13	33.10	0.51
Bisenzio	Bisenzio	567	Max WS	TR30_02h	76.10	284.02	285.39	284.98	285.57	0.004606	1.87	40.75	35.11	0.55
Bisenzio	Bisenzio	567	Max WS	TR30_03h	90.97	284.02	285.51	285.09	285.72	0.004746	2.02	45.52	42.64	0.57
Bisenzio	Bisenzio	567	Max WS	TR30_04h	94.53	284.02	285.54	285.11	285.75	0.004766	2.05	46.76	44.40	0.57
Bisenzio	Bisenzio	567	Max WS	TR30_06h	90.78	284.02	285.51	285.09	285.72	0.004745	2.02	45.45	42.55	0.57
Bisenzio	Bisenzio	567	Max WS	TR30_09h	83.16	284.02	285.45	285.03	285.64	0.004681	1.94	42.94	38.75	0.56
Bisenzio	Bisenzio	567	Max WS	TR30_12h	76.28	284.02	285.39	284.98	285.57	0.004609	1.87	40.81	35.21	0.55
Bisenzio	Bisenzio	567	Max WS	TR200_01h	116.18	284.02	285.71	285.26	285.96	0.004781	2.22	54.66	47.36	0.58
Bisenzio	Bisenzio	567	Max WS	TR200_02h	178.16	284.02	286.12	285.64	286.45	0.004826	2.60	74.37	49.01	0.60
Bisenzio	Bisenzio	567	Max WS	TR200_03h	189.33	284.02	286.18	285.72	286.53	0.004833	2.66	77.62	49.28	0.60
Bisenzio	Bisenzio	567	Max WS	TR200_06h	168.55	284.02	286.06	285.59	286.38	0.004821	2.55	71.51	48.77	0.60
Bisenzio	Bisenzio	567	Max WS	TR200_09h	149.16	284.02	285.94	285.45	286.23	0.004805	2.43	65.56	48.28	0.59
Bisenzio	Bisenzio	567	Max WS	TR200_12h	131.63	284.02	285.82	285.35	286.09	0.004792	2.32	59.91	47.81	0.59
Bisenzio	Bisenzio	565.5			Int Struct									
Bisenzio	Bisenzio	565	Max WS	TR30_01h	39.58	282.88	283.97		284.12	0.005928	1.74	22.70	25.52	0.59
Bisenzio	Bisenzio	565	Max WS	TR30_02h	76.10	282.88	284.34		284.62	0.007821	2.32	32.75	28.99	0.70
Bisenzio	Bisenzio	565	Max WS	TR30_03h	90.97	282.88	284.46		284.78	0.008190	2.51	36.22	29.47	0.72
Bisenzio	Bisenzio	565	Max WS	TR30_04h	94.53	282.88	284.49		284.82	0.008282	2.55	37.01	29.58	0.73
Bisenzio	Bisenzio	565	Max WS	TR30_06h	90.78	282.88	284.46		284.78	0.008181	2.51	36.19	29.47	0.72
Bisenzio	Bisenzio	565	Max WS	TR30_09h	83.15	282.88	284.40		284.70	0.007992	2.41	34.44	29.23	0.71
Bisenzio	Bisenzio	565	Max WS	TR30_12h	76.28	282.88	284.34		284.62	0.007826	2.33	32.79	29.00	0.70
Bisenzio	Bisenzio	565	Max WS	TR200_01h	116.17	282.88	284.64		285.04	0.008701	2.79	41.66	30.21	0.76
Bisenzio	Bisenzio	565	Max WS	TR200_02h	178.16	282.88	285.03		285.59	0.009427	3.31	53.82	31.80	0.81
Bisenzio	Bisenzio	565	Max WS	TR200_03h	189.32	282.88	285.10		285.68	0.009543	3.39	55.81	32.05	0.82
Bisenzio	Bisenzio	565	Max WS	TR200_06h	168.56	282.88	284.98		285.51	0.009298	3.23	52.11	31.58	0.80
Bisenzio	Bisenzio	565	Max WS	TR200_09h	149.16	282.88	284.87		285.35	0.009039	3.08	48.50	31.12	0.79
Bisenzio	Bisenzio	565	Max WS	TR200_12h	131.63	282.88	284.75		285.19	0.008834	2.92	45.00	30.66	0.77
Bisenzio	Bisenzio	564.9			Lat Struct									
Bisenzio	Bisenzio	564.7	Max WS	TR30_01h	39.58	282.30	283.60		283.86	0.014400	2.28	17.36	25.55	0.88
Bisenzio	Bisenzio	564.7	Max WS	TR30_02h	76.24	282.30	283.97	283.92	284.37	0.012579	2.78	28.46	37.45	0.88
Bisenzio	Bisenzio	564.7	Max WS	TR30_03h	91.30	282.30	284.10	284.04	284.53	0.012101	2.93	33.73	46.20	0.88
Bisenzio	Bisenzio	564.7	Max WS	TR30_04h	94.95	282.30	284.13	284.11	284.56	0.011992	2.96	35.02	46.42	0.88
Bisenzio	Bisenzio	564.7	Max WS	TR30_06h	91.14	282.30	284.10	284.04	284.53	0.012093	2.93	33.69	46.19	0.88
Bisenzio	Bisenzio	564.7	Max WS	TR30_09h	83.42	282.30	284.04	283.96	284.45	0.012313	2.85	30.89	42.26	0.88
Bisenzio	Bisenzio	564.7	Max WS	TR30_12h	76.42	282.30	283.98	283.92	284.37	0.012563	2.78	28.53	37.67	0.88
Bisenzio	Bisenzio	564.7	Max WS	TR200_01h	116.97	282.30	284.29	284.27	284.76	0.011298	3.11	42.60	47.87	0.87
Bisenzio	Bisenzio	564.7	Max WS	TR200_02h	179.84	282.30	284.65	284.62	285.22	0.010432	3.51	60.55	50.33	0.87
Bisenzio	Bisenzio	564.7	Max WS	TR200_03h	191.21	282.30	284.71	284.67	285.30	0.010349	3.58	63.46	50.86	0.87
Bisenzio	Bisenzio	564.7	Max WS	TR200_06h	170.35	282.30	284.60	284.57	285.16	0.010487	3.45	58.12	49.93	0.87
Bisenzio	Bisenzio	564.7	Max WS	TR200_09h	150.87	282.30	284.50	284.47	285.02	0.010647	3.33	52.92	49.25	0.86
Bisenzio	Bisenzio	564.7	Max WS	TR200_12h	132.97	282.30	284.39	284.38	284.89	0.010974	3.21	47.67	48.68	0.87
Bisenzio	Bisenzio	564.5	Max WS	TR30_01h	39.58	281.64	283.06		283.22	0.006681	1.81	22.27	37.35	0.63
Bisenzio	Bisenzio	564.5	Max WS	TR30_02h	76.47	281.64	283.46		283.69	0.006112	2.17	40.40	46.94	0.64
Bisenzio	Bisenzio	564.5	Max WS	TR30_03h	91.77	281.64	283.61		283.85	0.005852	2.26	47.19	47.91	0.63
Bisenzio	Bisenzio	564.5	Max WS	TR30_04h	95.47	281.64	283.64		283.88	0.005818	2.28	48.71	48.12	0.63
Bisenzio	Bisenzio	564.5	Max WS	TR30_06h	91.63	281.64	283.61		283.85	0.005850	2.26	47.15	47.90	0.63
Bisenzio	Bisenzio	564.5	Max WS	TR30_09h	83.82	281.64	283.54		283.77	0.005962	2.21	43.76	47.42	0.63
Bisenzio	Bisenzio	564.5	Max WS	TR30_12h	76.62	281.64	283.47		283.69	0.006091	2.17	40.51	46.96	0.64
Bisenzio	Bisenzio	564.5	Max WS	TR200_01h	117.68	281.64	283.82		284.07	0.005473	2.35	61.81	65.40	0.62
Bisenzio	Bisenzio	564.5	Max WS	TR200_02h	183.61	281.64	284.20		284.51	0.005226	2.69	87.48	67.83	0.63

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio	564	Max WS	TR30_06h	91.74	281.44	283.31	282.93	283.54	0.005782	2.10	43.72	37.40	0.62
Bisenzio	Bisenzio	564	Max WS	TR30_09h	83.92	281.44	283.25	282.87	283.46	0.005693	2.04	41.23	36.50	0.61
Bisenzio	Bisenzio	564	Max WS	TR30_12h	76.72	281.44	283.18	282.80	283.38	0.005625	1.98	38.82	35.62	0.60
Bisenzio	Bisenzio	564	Max WS	TR200_01h	117.69	281.44	283.52	283.12	283.78	0.005706	2.29	51.93	44.41	0.63
Bisenzio	Bisenzio	564	Max WS	TR200_02h	183.72	281.44	283.89	283.52	284.27	0.006205	2.75	70.79	57.52	0.68
Bisenzio	Bisenzio	564	Max WS	TR200_03h	196.32	281.44	283.94	283.58	284.34	0.006374	2.84	73.88	58.82	0.69
Bisenzio	Bisenzio	564	Max WS	TR200_06h	173.66	281.44	283.84	283.46	284.20	0.006069	2.68	68.25	55.93	0.67
Bisenzio	Bisenzio	564	Max WS	TR200_09h	152.90	281.44	283.75	283.34	284.07	0.005724	2.52	63.14	52.59	0.65
Bisenzio	Bisenzio	564	Max WS	TR200_12h	134.39	281.44	283.63	283.23	283.92	0.005677	2.40	57.36	48.54	0.64
Bisenzio	Bisenzio	562.5			Inl Struct									
Bisenzio	Bisenzio	562	Max WS	TR30_01h	39.57	280.23	281.58		281.79	0.007604	2.04	19.42	20.29	0.67
Bisenzio	Bisenzio	562	Max WS	TR30_02h	76.50	280.23	282.10		282.42	0.007499	2.51	30.49	23.00	0.70
Bisenzio	Bisenzio	562	Max WS	TR30_03h	91.84	280.23	282.27		282.63	0.007995	2.65	34.67	25.41	0.72
Bisenzio	Bisenzio	562	Max WS	TR30_04h	95.56	280.23	282.31		282.67	0.008173	2.68	35.60	26.04	0.73
Bisenzio	Bisenzio	562	Max WS	TR30_06h	91.74	280.23	282.27		282.63	0.007989	2.65	34.65	25.39	0.72
Bisenzio	Bisenzio	562	Max WS	TR30_09h	83.92	280.23	282.19		282.52	0.007653	2.57	32.68	24.23	0.71
Bisenzio	Bisenzio	562	Max WS	TR30_12h	76.72	280.23	282.10		282.42	0.007493	2.51	30.57	23.04	0.70
Bisenzio	Bisenzio	562	Max WS	TR200_01h	117.69	280.23	282.50		282.92	0.008069	2.87	40.95	29.38	0.78
Bisenzio	Bisenzio	562	Max WS	TR200_02h	183.72	280.23	282.95		283.50	0.010410	3.29	55.84	36.56	0.85
Bisenzio	Bisenzio	562	Max WS	TR200_03h	196.32	280.23	283.02		283.59	0.010554	3.35	58.55	37.69	0.86
Bisenzio	Bisenzio	562	Max WS	TR200_06h	173.66	280.23	282.89		283.42	0.010266	3.24	53.67	35.63	0.84
Bisenzio	Bisenzio	562	Max WS	TR200_09h	152.90	280.23	282.76		283.25	0.009922	3.11	49.10	33.59	0.82
Bisenzio	Bisenzio	562	Max WS	TR200_12h	134.39	280.23	282.63		283.08	0.009536	2.99	44.92	31.60	0.80
Bisenzio	Bisenzio	561	Max WS	TR30_01h	39.58	278.56	279.71	279.69	280.00	0.017536	2.39	16.59	26.84	0.97
Bisenzio	Bisenzio	561	Max WS	TR30_02h	76.57	278.56	280.12		280.48	0.013670	2.65	28.91	33.17	0.91
Bisenzio	Bisenzio	561	Max WS	TR30_03h	92.08	278.56	280.26		280.64	0.012402	2.74	33.59	34.21	0.88
Bisenzio	Bisenzio	561	Max WS	TR30_04h	95.88	278.56	280.29		280.68	0.012141	2.76	34.70	34.40	0.88
Bisenzio	Bisenzio	561	Max WS	TR30_06h	92.09	278.56	280.26		280.64	0.012391	2.74	33.60	34.21	0.88
Bisenzio	Bisenzio	561	Max WS	TR30_09h	84.26	278.56	280.19		280.56	0.012991	2.69	31.29	33.80	0.89
Bisenzio	Bisenzio	561	Max WS	TR30_12h	77.03	278.56	280.12		280.48	0.013605	2.65	29.08	33.25	0.90
Bisenzio	Bisenzio	561	Max WS	TR200_01h	117.74	278.56	280.42		280.88	0.012467	3.01	39.24	35.19	0.90
Bisenzio	Bisenzio	561	Max WS	TR200_02h	184.12	278.56	280.82		281.42	0.011608	3.45	53.71	37.58	0.91
Bisenzio	Bisenzio	561	Max WS	TR200_03h	196.98	278.56	280.88		281.52	0.011531	3.52	56.28	37.99	0.91
Bisenzio	Bisenzio	561	Max WS	TR200_06h	174.39	278.56	280.76		281.35	0.011655	3.39	51.76	37.26	0.91
Bisenzio	Bisenzio	561	Max WS	TR200_09h	153.56	278.56	280.65		281.19	0.011780	3.25	47.46	36.56	0.90
Bisenzio	Bisenzio	561	Max WS	TR200_12h	135.00	278.56	280.53		281.03	0.012124	3.13	43.25	35.86	0.90
Bisenzio	Bisenzio	560.50	Max WS	TR30_01h	39.58	277.80	279.04		279.33	0.010460	2.41	16.45	17.63	0.80
Bisenzio	Bisenzio	560.50	Max WS	TR30_02h	76.60	277.80	279.51		279.97	0.011519	3.01	25.42	20.84	0.87
Bisenzio	Bisenzio	560.50	Max WS	TR30_03h	92.15	277.80	279.66		280.19	0.011844	3.20	28.80	22.02	0.89
Bisenzio	Bisenzio	560.50	Max WS	TR30_04h	95.96	277.80	279.70		280.24	0.011907	3.24	29.61	22.29	0.90
Bisenzio	Bisenzio	560.50	Max WS	TR30_06h	92.18	277.80	279.66		280.19	0.011839	3.20	28.81	22.02	0.89
Bisenzio	Bisenzio	560.50	Max WS	TR30_09h	84.35	277.80	279.59		280.08	0.011673	3.11	27.15	21.45	0.88
Bisenzio	Bisenzio	560.50	Max WS	TR30_12h	77.13	277.80	279.51		279.98	0.011519	3.02	25.55	20.89	0.87
Bisenzio	Bisenzio	560.50	Max WS	TR200_01h	117.74	277.80	279.83	279.83	280.35	0.011869	3.32	41.04	40.60	0.90
Bisenzio	Bisenzio	560.50	Max WS	TR200_02h	184.22	277.80	280.24	280.21	280.87	0.011126	3.71	58.88	45.32	0.91
Bisenzio	Bisenzio	560.50	Max WS	TR200_03h	197.17	277.80	280.32	280.27	280.96	0.010942	3.78	62.13	46.35	0.90
Bisenzio	Bisenzio	560.50	Max WS	TR200_06h	174.59	277.80	280.19	280.16	280.80	0.011245	3.66	56.49	44.84	0.91
Bisenzio	Bisenzio	560.50	Max WS	TR200_09h	153.74	277.80	280.07	280.07	280.64	0.011613	3.53	51.09	42.65	0.91
Bisenzio	Bisenzio	560.50	Max WS	TR200_12h	135.17	277.80	279.95	279.94	280.50	0.011621	3.43	46.03	41.31	0.90
Bisenzio	Bisenzio	560	Max WS	TR30_01h	39.58	277.05	278.52		278.78	0.011086	2.29	17.27	20.82	0.80
Bisenzio	Bisenzio	560	Max WS	TR30_02h	76.62	277.05	278.97	278.81	279.36	0.009493	2.81	29.58	35.61	0.80
Bisenzio	Bisenzio	560	Max WS	TR30_03h	92.21	277.05	279.11	279.02	279.55	0.009288	2.98	34.80	37.67	0.80
Bisenzio	Bisenzio	560	Max WS	TR30_04h	96.05	277.05	279.14	279.06	279.59	0.009231	3.02	36.06	37.97	0.80
Bisenzio	Bisenzio	560	Max WS	TR30_06h	92.28	277.05	279.11	279.02	279.55	0.009279	2.98	34.83	37.67	0.80
Bisenzio	Bisenzio	560	Max WS	TR30_09h	84.45	277.05	279.04	278.94	279.46	0.009380	2.90	32.25	37.03	0.80
Bisenzio	Bisenzio	560	Max WS	TR30_12h	77.21	277.05	278.98	278.82	279.37	0.009474	2.82	29.80	35.73	0.80
Bisenzio	Bisenzio	560	Max WS	TR200_01h	117.74	277.05	279.32	279.23	279.81	0.008983	3.21	42.84	39.59	0.81
Bisenzio	Bisenzio	560	Max WS	TR200_02h	184.33	277.05	279.76	279.66	280.39	0.008708	3.71	61.22	43.68	0.83
Bisenzio	Bisenzio	560	Max WS	TR200_03h	197.35	277.05	279.84	279.73	280.49	0.008673	3.80	64.57	44.39	0.83
Bisenzio	Bisenzio	560	Max WS	TR200_06h	174.80	277.05	279.70	279.61	280.31	0.008712	3.65	58.78	43.16	0.82
Bisenzio	Bisenzio	560	Max WS	TR200_09h	153.93	277.05	279.57	279.48	280.14	0.008761	3.50	53.23	41.95	0.82
Bisenzio	Bisenzio	560	Max WS	TR200_12h	135.34	277.05	279.45	279.36	279.98	0.008814	3.35	48.10	40.80	0.81
Bisenzio	Bisenzio	559	Max WS	TR30_01h	39.58	275.74	277.26		277.56	0.008748	2.41	16.41	15.14	0.74
Bisenzio	Bisenzio	559	Max WS	TR30_02h	76.66	275.74	277.80		278.26	0.010669	3.00	25.59	19.79	0.84
Bisenzio	Bisenzio	559	Max WS	TR30_03h	92.35	275.74	277.98		278.49	0.011127	3.14	29.37	21.82	0.87
Bisenzio	Bisenzio	559	Max WS	TR30_04h	96.24	275.74	278.02		278.54	0.011280	3.18	30.23	22.28	0.87
Bisenzio	Bisenzio	559	Max WS	TR30_06h	92.50	275.74	277.98		278.49	0.011125	3.15	29.41	21.84	0.87
Bisenzio	Bisenzio	559	Max WS	TR30_09h	84.67	275.74	277.90		278.38	0.010917	3.07	27.54	20.86	0.85
Bisenzio	Bisenzio	559	Max WS	TR30_12h	77.42	275.74	277.81		278.27	0.010682	3.00	25.79	19.91	0.84
Bisenzio	Bisenzio	559	Max WS	TR200_01h	117.75	275.74	278.22		278.80	0.011933	3.37	34.91	24.64	0.91
Bisenzio	Bisenzio	559	Max WS	TR200_02h	184.57	275.74	278.69	278.62	279.47	0.011483	3.91	48.40	32.22	0.93
Bisenzio	Bisenzio	559	Max WS	TR200_03h	197.76	275.74	278.77	278.71	279.58	0.011360	4.00	51.04	33.36	0.93
Bisenzio	Bisenzio	559	Max WS	TR200_06h	175.26	275.74	278.63	278.56	279.38	0.011557	3.84	46.57	31.41	0.92
Bisenzio	Bisenzio	559	Max WS	TR200_09h	154.35	275.74	278.50	278.42	279.18	0.011781	3.68	42.42	29.48	0.92
Bisenzio	Bisenzio	559	Max WS	TR200_12h	135.73	275.74	278.37	278.27	279.00	0.012013	3.51	38.75	27.67	0.92
Bisenzio	Bisenzio	558	Max WS	TR30_01h	39.58	274.84	276.12		276.40	0.009712	2.33	16.96	17.98	0.77
Bisenzio	Bisenzio	558	Max WS	TR30_02h	76.70	274.84	276.60		277.03	0.009926	2.93	26.57	24.30	0.81
Bisenzio	Bisenzio	558	Max WS	TR30_03h	92.49	274.84	276.77	276.60	277.26	0.009615	3.11	31.05	28.19	0.82
Bisenzio	Bisenzio	558	Max WS	TR30_04h	96.42	274.84	276.81	276.64	277.31	0.009544	3.15	32.20	29.10	0.82
Bisenzio	Bisenzio	558	Max WS	TR30_06h	92.70	274.84	276.77	276.60	277.26	0.009607	3.11	31.11	28.24	0.82
Bisenzio	Bisenzio	558	Max WS	TR30_09h	84.87	274.84	276.69		277.15	0.009754	3.03	28.86	26.36	0.82
Bisenzio	Bisenzio	558	Max WS	TR30_12h	77.61	274.84	276.61		277.05	0.009891	2.94	26.83	24.55	0.81
Bisenzio</														

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio	556	Max WS	TR30_09h	85.02	273.73	275.86		276.42	0.012365	3.32	25.62	18.45	0.90
Bisenzio	Bisenzio	556	Max WS	TR30_12h	77.75	273.73	275.78		276.31	0.012409	3.23	24.07	18.14	0.90
Bisenzio	Bisenzio	556	Max WS	TR200_01h	117.78	273.73	276.20	276.09	276.89	0.012349	3.69	31.98	20.55	0.92
Bisenzio	Bisenzio	556	Max WS	TR200_02h	184.95	273.73	276.68	276.71	277.66	0.012738	4.42	43.88	28.75	0.97
Bisenzio	Bisenzio	556	Max WS	TR200_03h	198.42	273.73	276.76	276.84	277.80	0.012777	4.54	46.35	30.18	0.98
Bisenzio	Bisenzio	556	Max WS	TR200_06h	176.02	273.73	276.62	276.64	277.57	0.012685	4.33	42.29	27.79	0.96
Bisenzio	Bisenzio	556	Max WS	TR200_09h	155.04	273.73	276.48	276.45	277.34	0.012562	4.11	38.57	25.41	0.95
Bisenzio	Bisenzio	556	Max WS	TR200_12h	136.37	273.73	276.35	276.28	277.12	0.012428	3.90	35.30	23.12	0.93
Bisenzio	Bisenzio	555	Max WS	TR30_01h	39.59	273.77	275.03		275.38	0.012863	2.61	15.15	16.25	0.86
Bisenzio	Bisenzio	555	Max WS	TR30_02h	76.73	273.77	275.59		276.06	0.012107	3.04	25.25	20.63	0.88
Bisenzio	Bisenzio	555	Max WS	TR30_03h	92.80	273.77	275.77		276.29	0.011762	3.19	29.04	21.79	0.88
Bisenzio	Bisenzio	555	Max WS	TR30_04h	96.57	273.77	275.81		276.34	0.011632	3.22	29.97	22.01	0.88
Bisenzio	Bisenzio	555	Max WS	TR30_06h	92.87	273.77	275.77		276.29	0.011743	3.19	29.11	21.80	0.88
Bisenzio	Bisenzio	555	Max WS	TR30_09h	85.04	273.77	275.69		276.19	0.011951	3.12	27.30	21.37	0.88
Bisenzio	Bisenzio	555	Max WS	TR30_12h	77.77	273.77	275.61		276.08	0.012088	3.05	25.54	20.77	0.88
Bisenzio	Bisenzio	555	Max WS	TR200_01h	117.78	273.77	276.02		276.61	0.011333	3.42	34.56	23.07	0.88
Bisenzio	Bisenzio	555	Max WS	TR200_02h	184.97	273.77	276.49	276.42	277.33	0.011297	4.06	46.95	29.69	0.92
Bisenzio	Bisenzio	555	Max WS	TR200_03h	198.47	273.77	276.58	276.52	277.46	0.011281	4.17	49.48	31.00	0.93
Bisenzio	Bisenzio	555	Max WS	TR200_06h	176.07	273.77	276.44	276.35	277.24	0.011287	3.98	45.32	28.81	0.91
Bisenzio	Bisenzio	555	Max WS	TR200_09h	155.09	273.77	276.30	276.18	277.03	0.011278	3.79	41.48	26.63	0.90
Bisenzio	Bisenzio	555	Max WS	TR200_12h	136.42	273.77	276.17		276.83	0.011309	3.60	38.08	24.54	0.89
Bisenzio	Bisenzio	553	Max WS	TR30_01h	39.59	273.32	274.55		274.95	0.013876	2.80	14.13	14.62	0.91
Bisenzio	Bisenzio	553	Max WS	TR30_02h	76.74	273.32	275.11	275.06	275.61	0.014575	3.15	24.39	22.06	0.96
Bisenzio	Bisenzio	553	Max WS	TR30_03h	92.64	273.32	275.31		275.83	0.013779	3.18	29.10	24.80	0.94
Bisenzio	Bisenzio	553	Max WS	TR30_04h	96.63	273.32	275.36		275.88	0.013600	3.19	30.26	25.43	0.93
Bisenzio	Bisenzio	553	Max WS	TR30_06h	92.94	273.32	275.31		275.83	0.013753	3.18	29.20	24.85	0.94
Bisenzio	Bisenzio	553	Max WS	TR30_09h	85.11	273.32	275.22	275.16	275.73	0.014105	3.16	26.91	23.56	0.95
Bisenzio	Bisenzio	553	Max WS	TR30_12h	77.84	273.32	275.13	275.08	275.63	0.014484	3.15	24.74	22.27	0.95
Bisenzio	Bisenzio	553	Max WS	TR200_01h	117.78	273.32	275.58		276.12	0.012353	3.26	36.11	27.34	0.91
Bisenzio	Bisenzio	553	Max WS	TR200_02h	185.04	273.32	276.07	275.93	276.77	0.010570	3.72	50.73	32.49	0.88
Bisenzio	Bisenzio	553	Max WS	TR200_03h	198.60	273.32	276.15	276.02	276.89	0.010408	3.81	53.54	33.40	0.88
Bisenzio	Bisenzio	553	Max WS	TR200_06h	176.22	273.32	276.01	275.88	276.69	0.010669	3.66	48.93	31.88	0.88
Bisenzio	Bisenzio	553	Max WS	TR200_09h	155.23	273.32	275.87		276.50	0.010952	3.51	44.59	30.38	0.88
Bisenzio	Bisenzio	553	Max WS	TR200_12h	136.55	273.32	275.74		276.32	0.011368	3.37	40.58	28.92	0.89
Bisenzio	Bisenzio	552	Max WS	TR30_01h	39.59	272.88	274.40		274.77	0.012632	2.70	14.66	15.01	0.87
Bisenzio	Bisenzio	552	Max WS	TR30_02h	76.75	272.88	274.96		275.50	0.012984	3.23	23.75	18.70	0.92
Bisenzio	Bisenzio	552	Max WS	TR30_03h	92.66	272.88	275.17		275.73	0.013325	3.34	27.77	21.25	0.93
Bisenzio	Bisenzio	552	Max WS	TR30_04h	96.65	272.88	275.21		275.79	0.013362	3.36	28.76	21.84	0.93
Bisenzio	Bisenzio	552	Max WS	TR30_06h	92.97	272.88	275.17		275.74	0.013321	3.34	27.85	21.31	0.93
Bisenzio	Bisenzio	552	Max WS	TR30_09h	85.13	272.88	275.07		275.63	0.013199	3.29	25.88	20.10	0.93
Bisenzio	Bisenzio	552	Max WS	TR30_12h	77.86	272.88	274.98		275.51	0.013004	3.24	24.05	18.90	0.92
Bisenzio	Bisenzio	552	Max WS	TR200_01h	117.78	272.88	275.44	275.36	276.05	0.013412	3.47	33.97	24.69	0.94
Bisenzio	Bisenzio	552	Max WS	TR200_02h	185.07	272.88	275.94	275.87	276.73	0.012140	3.94	47.53	28.00	0.93
Bisenzio	Bisenzio	552	Max WS	TR200_03h	198.64	272.88	276.02	275.95	276.85	0.012030	4.04	49.94	28.10	0.93
Bisenzio	Bisenzio	552	Max WS	TR200_06h	176.27	272.88	275.88	275.81	276.65	0.012201	3.88	45.97	27.93	0.93
Bisenzio	Bisenzio	552	Max WS	TR200_09h	155.27	272.88	275.74	275.67	276.44	0.012427	3.71	42.05	27.75	0.93
Bisenzio	Bisenzio	552	Max WS	TR200_12h	136.59	272.88	275.60		276.25	0.012880	3.58	38.20	25.58	0.93
Bisenzio	Bisenzio	551	Max WS	TR30_01h	39.59	270.70	272.77		273.17	0.012280	2.80	14.12	12.89	0.86
Bisenzio	Bisenzio	551	Max WS	TR30_02h	76.79	270.70	273.32		273.95	0.013260	3.51	21.85	14.93	0.93
Bisenzio	Bisenzio	551	Max WS	TR30_03h	92.81	270.70	273.51	273.45	274.23	0.013559	3.74	24.79	15.64	0.95
Bisenzio	Bisenzio	551	Max WS	TR30_04h	96.85	270.70	273.56	273.50	274.29	0.013628	3.80	25.51	15.80	0.95
Bisenzio	Bisenzio	551	Max WS	TR30_06h	93.21	270.70	273.52	273.46	274.24	0.013559	3.75	24.87	15.65	0.95
Bisenzio	Bisenzio	551	Max WS	TR30_09h	85.38	270.70	273.43		274.10	0.013419	3.64	23.45	15.32	0.94
Bisenzio	Bisenzio	551	Max WS	TR30_12h	78.10	270.70	273.34		273.98	0.013279	3.53	22.10	14.99	0.93
Bisenzio	Bisenzio	551	Max WS	TR200_01h	117.81	270.70	273.78	273.75	274.62	0.014062	4.06	29.01	16.60	0.98
Bisenzio	Bisenzio	551	Max WS	TR200_02h	185.33	270.70	274.33	274.50	275.49	0.015080	4.78	39.33	24.43	1.05
Bisenzio	Bisenzio	551	Max WS	TR200_03h	199.09	270.70	274.42	274.62	276.65	0.015102	4.92	41.65	27.27	1.05
Bisenzio	Bisenzio	551	Max WS	TR200_06h	176.80	270.70	274.27	274.40	275.39	0.015002	4.70	37.96	22.59	1.04
Bisenzio	Bisenzio	551	Max WS	TR200_09h	155.76	270.70	274.11	274.14	275.13	0.014822	4.48	34.79	17.83	1.02
Bisenzio	Bisenzio	551	Max WS	TR200_12h	137.04	270.70	273.95	273.95	274.89	0.014428	4.28	32.04	17.25	1.00
Bisenzio	Bisenzio	550	Max WS	TR30_01h	39.59	270.02	271.28	271.23	271.66	0.015232	2.71	14.59	17.25	0.94
Bisenzio	Bisenzio	550	Max WS	TR30_02h	76.83	270.02	271.80		272.28	0.013767	3.05	25.21	23.21	0.93
Bisenzio	Bisenzio	550	Max WS	TR30_03h	92.94	270.02	271.99		272.49	0.013061	3.13	29.72	25.32	0.92
Bisenzio	Bisenzio	550	Max WS	TR30_04h	97.03	270.02	272.03		272.54	0.012875	3.14	30.85	25.78	0.92
Bisenzio	Bisenzio	550	Max WS	TR30_06h	93.42	270.02	272.00		272.50	0.013035	3.13	29.86	25.38	0.92
Bisenzio	Bisenzio	550	Max WS	TR30_09h	85.59	270.02	271.91		272.40	0.013372	3.09	27.67	24.38	0.93
Bisenzio	Bisenzio	550	Max WS	TR30_12h	78.30	270.02	271.82		272.30	0.013684	3.05	25.63	23.41	0.93
Bisenzio	Bisenzio	550	Max WS	TR200_01h	117.82	270.02	272.23		272.78	0.011586	3.27	36.05	26.51	0.89
Bisenzio	Bisenzio	550	Max WS	TR200_02h	185.54	270.02	272.79		273.47	0.009547	3.63	51.46	28.54	0.85
Bisenzio	Bisenzio	550	Max WS	TR200_03h	199.48	270.02	272.89		273.59	0.009408	3.71	54.24	28.90	0.85
Bisenzio	Bisenzio	550	Max WS	TR200_06h	177.25	270.02	272.73		273.39	0.009637	3.58	49.79	28.33	0.85
Bisenzio	Bisenzio	550	Max WS	TR200_09h	156.18	270.02	272.58		273.19	0.009979	3.46	45.33	27.75	0.85
Bisenzio	Bisenzio	550	Max WS	TR200_12h	137.44	270.02	272.41		272.99	0.010614	3.37	40.91	27.16	0.87
Bisenzio	Bisenzio	549	Max WS	TR30_01h	39.59	268.31	270.09	270.17	270.73	0.022566	3.53	11.20	10.80	1.11
Bisenzio	Bisenzio	549	Max WS	TR30_02h	76.85	268.31	270.68	270.82	271.60	0.021252	4.24	18.14	12.63	1.13
Bisenzio	Bisenzio	549	Max WS	TR30_03h	93.01	268.31	270.89	271.04	271.90	0.020886	4.45	20.89	13.28	1.13
Bisenzio	Bisenzio	549	Max WS	TR30_04h	97.13	268.31	270.94	271.10	271.98	0.020835	4.50	21.56	13.44	1.14
Bisenzio	Bisenzio	549	Max WS	TR30_06h	93.54	268.31	270.90	271.06	271.91	0.020870	4.46	20.98	13.30	1.13
Bisenzio	Bisenzio	549	Max WS	TR30_09h	85.71	268.31	270.80	270.95	271.77	0.021003	4.36	19.68	13.00	1.13
Bisenzio	Bisenzio	549	Max WS	TR30_12h	78.42	268.31	270.70	270.84	271.63	0.021179	4.26	18.43	12.70	1.13
Bisenzio	Bisenzio	549	Max WS	TR200_01h	117.83	268.31	271.18	271.37	272.33	0.020701	4.75	24.80	14.16	1.15
Bisenzio	Bisenzio	549	Max WS	TR200_02h	185.67	268.31	271.76	272.19	273.32	0				

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio	548	Max WS	TR200_02h	185.76	267.73	270.74		271.41	0.009912	3.64	51.10	28.54	0.86
Bisenzio	Bisenzio	548	Max WS	TR200_03h	199.88	267.73	270.83		271.54	0.009685	3.72	53.85	29.35	0.86
Bisenzio	Bisenzio	548	Max WS	TR200_06h	177.72	267.73	270.68		271.34	0.009994	3.59	49.56	28.27	0.86
Bisenzio	Bisenzio	548	Max WS	TR200_09h	156.62	267.73	270.52		271.14	0.010387	3.48	45.09	27.74	0.87
Bisenzio	Bisenzio	548	Max WS	TR200_12h	137.84	267.73	270.37		270.95	0.010880	3.37	40.92	27.24	0.88
Bisenzio	Bisenzio	547	Max WS	TR30_01h	39.59	266.15	267.62		268.04	0.014281	2.87	13.80	14.01	0.92
Bisenzio	Bisenzio	547	Max WS	TR30_02h	76.91	266.15	268.16	268.11	268.80	0.013989	3.56	21.62	15.37	0.96
Bisenzio	Bisenzio	547	Max WS	TR30_03h	93.21	266.15	268.36	268.31	269.08	0.013768	3.76	24.76	15.88	0.96
Bisenzio	Bisenzio	547	Max WS	TR30_04h	97.41	266.15	268.41	268.36	269.15	0.013726	3.81	25.55	16.01	0.96
Bisenzio	Bisenzio	547	Max WS	TR30_06h	93.87	266.15	268.37	268.32	269.09	0.013758	3.77	24.89	15.90	0.96
Bisenzio	Bisenzio	547	Max WS	TR30_09h	86.06	266.15	268.27	268.22	268.96	0.013835	3.67	23.42	15.67	0.96
Bisenzio	Bisenzio	547	Max WS	TR30_12h	78.75	266.15	268.18	268.13	268.83	0.013938	3.58	22.00	15.43	0.96
Bisenzio	Bisenzio	547	Max WS	TR200_01h	117.84	266.15	268.64	268.60	269.46	0.013718	4.01	29.38	17.01	0.97
Bisenzio	Bisenzio	547	Max WS	TR200_02h	186.01	266.15	269.26	269.28	270.32	0.014207	4.56	40.77	19.94	1.02
Bisenzio	Bisenzio	547	Max WS	TR200_03h	200.32	266.15	269.36	269.40	270.47	0.014325	4.66	42.97	20.45	1.03
Bisenzio	Bisenzio	547	Max WS	TR200_06h	178.26	266.15	269.20	269.21	270.23	0.014116	4.50	39.59	19.65	1.01
Bisenzio	Bisenzio	547	Max WS	TR200_09h	157.13	266.15	269.02	269.01	269.98	0.013930	4.34	36.21	18.82	1.00
Bisenzio	Bisenzio	547	Max WS	TR200_12h	138.30	266.15	268.85	268.82	269.74	0.013757	4.18	33.07	18.01	0.99
Bisenzio	Bisenzio	546	Max WS	TR30_01h	39.59	264.61	266.19		266.49	0.009258	2.43	16.29	15.57	0.76
Bisenzio	Bisenzio	546	Max WS	TR30_02h	76.94	264.61	266.74		267.20	0.009868	3.02	25.47	18.30	0.82
Bisenzio	Bisenzio	546	Max WS	TR30_03h	93.33	264.61	266.94		267.46	0.010323	3.18	29.32	20.15	0.84
Bisenzio	Bisenzio	546	Max WS	TR30_04h	97.58	264.61	266.99		267.52	0.010422	3.22	30.29	20.59	0.85
Bisenzio	Bisenzio	546	Max WS	TR30_06h	94.08	264.61	266.95		267.47	0.010335	3.19	29.50	20.23	0.84
Bisenzio	Bisenzio	546	Max WS	TR30_09h	86.27	264.61	266.86		267.35	0.010112	3.11	27.72	19.40	0.83
Bisenzio	Bisenzio	546	Max WS	TR30_12h	78.95	264.61	266.77		267.24	0.009918	3.04	25.97	18.55	0.82
Bisenzio	Bisenzio	546	Max WS	TR200_01h	117.85	264.61	267.20		267.78	0.010783	3.39	34.80	22.53	0.87
Bisenzio	Bisenzio	546	Max WS	TR200_02h	186.21	264.61	267.73		268.50	0.010846	3.90	47.81	26.00	0.90
Bisenzio	Bisenzio	546	Max WS	TR200_03h	200.71	264.61	267.82		268.64	0.010710	4.01	50.30	26.46	0.90
Bisenzio	Bisenzio	546	Max WS	TR200_06h	178.71	264.61	267.68		268.43	0.010888	3.85	46.56	25.76	0.90
Bisenzio	Bisenzio	546	Max WS	TR200_09h	157.57	264.61	267.53		268.22	0.011009	3.69	42.73	25.04	0.90
Bisenzio	Bisenzio	546	Max WS	TR200_12h	138.71	264.61	267.38		268.02	0.011092	3.54	39.19	24.27	0.89
Bisenzio	Bisenzio	545	Max WS	TR30_01h	39.59	263.04	264.70	264.64	265.14	0.014786	2.93	13.52	13.76	0.93
Bisenzio	Bisenzio	545	Max WS	TR30_02h	76.97	263.04	265.20	265.22	265.90	0.014952	3.73	21.34	16.39	0.99
Bisenzio	Bisenzio	545	Max WS	TR30_03h	93.46	263.04	265.39	265.41	266.18	0.015072	3.99	24.34	16.83	1.01
Bisenzio	Bisenzio	545	Max WS	TR30_04h	97.78	263.04	265.43	265.47	266.25	0.015066	4.06	25.12	16.94	1.01
Bisenzio	Bisenzio	545	Max WS	TR30_06h	94.31	263.04	265.40	265.42	266.20	0.015036	4.00	24.52	16.85	1.01
Bisenzio	Bisenzio	545	Max WS	TR30_09h	86.52	263.04	265.31	265.34	266.07	0.015002	3.88	23.11	16.65	1.00
Bisenzio	Bisenzio	545	Max WS	TR30_12h	79.19	263.04	265.23	265.25	265.94	0.014950	3.76	21.76	16.45	0.99
Bisenzio	Bisenzio	545	Max WS	TR200_01h	117.86	263.04	265.63	265.69	266.56	0.015179	4.33	28.51	17.52	1.03
Bisenzio	Bisenzio	545	Max WS	TR200_02h	186.40	263.04	266.19	266.43	267.46	0.014640	5.10	40.84	26.35	1.06
Bisenzio	Bisenzio	545	Max WS	TR200_03h	201.13	263.04	266.31	266.57	267.62	0.014323	5.20	43.97	28.15	1.05
Bisenzio	Bisenzio	545	Max WS	TR200_06h	179.25	263.04	266.15	266.35	267.37	0.014332	4.99	39.88	25.77	1.04
Bisenzio	Bisenzio	545	Max WS	TR200_09h	158.08	263.04	265.99	266.13	267.11	0.014484	4.78	35.86	23.19	1.04
Bisenzio	Bisenzio	545	Max WS	TR200_12h	139.17	263.04	265.83	265.93	266.87	0.014629	4.57	32.40	20.72	1.03
Bisenzio	Bisenzio	543	Max WS	TR30_01h	39.57	261.01	262.53		262.89	0.014036	2.67	14.79	16.84	0.91
Bisenzio	Bisenzio	543	Max WS	TR30_02h	76.83	261.01	263.11		263.59	0.010456	3.05	25.19	18.53	0.84
Bisenzio	Bisenzio	543	Max WS	TR30_03h	93.39	261.01	263.38		263.87	0.008925	3.10	30.17	19.30	0.79
Bisenzio	Bisenzio	543	Max WS	TR30_04h	97.90	261.01	263.46		263.94	0.008375	3.09	31.73	19.67	0.77
Bisenzio	Bisenzio	543	Max WS	TR30_06h	94.56	261.01	263.44		263.90	0.008071	3.01	31.40	19.59	0.75
Bisenzio	Bisenzio	543	Max WS	TR30_09h	86.81	261.01	263.35		263.79	0.008231	2.94	29.55	19.16	0.75
Bisenzio	Bisenzio	543	Max WS	TR30_12h	79.47	261.01	263.24		263.67	0.008474	2.88	27.62	18.86	0.76
Bisenzio	Bisenzio	543	Max WS	TR200_01h	117.51	261.01	263.60		264.19	0.009232	3.41	34.63	20.50	0.82
Bisenzio	Bisenzio	543	Max WS	TR200_02h	185.23	261.01	264.37	264.06	264.99	0.006335	3.57	60.76	44.14	0.72
Bisenzio	Bisenzio	543	Max WS	TR200_03h	201.43	261.01	264.57		265.15	0.005529	3.50	69.68	45.91	0.68
Bisenzio	Bisenzio	543	Max WS	TR200_06h	179.83	261.01	264.42		264.97	0.005527	3.37	62.95	44.54	0.67
Bisenzio	Bisenzio	543	Max WS	TR200_09h	158.65	261.01	264.22		264.76	0.005890	3.30	54.35	42.71	0.68
Bisenzio	Bisenzio	543	Max WS	TR200_12h	139.71	261.01	264.03		264.55	0.006191	3.21	46.92	35.57	0.69
Bisenzio	Bisenzio	542	Max WS	TR30_01h	49.12	260.66	262.19		262.57	0.012574	2.75	17.98	18.55	0.88
Bisenzio	Bisenzio	542	Max WS	TR30_02h	102.85	260.66	262.83		263.43	0.010843	3.44	30.42	20.23	0.88
Bisenzio	Bisenzio	542	Max WS	TR30_03h	128.45	260.66	263.11		263.77	0.010999	3.60	36.40	22.86	0.89
Bisenzio	Bisenzio	542	Max WS	TR30_04h	136.88	260.66	263.20		263.87	0.010968	3.64	38.40	23.67	0.90
Bisenzio	Bisenzio	542	Max WS	TR30_06h	135.33	260.66	263.18		263.85	0.010970	3.63	38.04	23.53	0.90
Bisenzio	Bisenzio	542	Max WS	TR30_09h	125.71	260.66	263.08		263.73	0.010990	3.58	35.77	22.59	0.89
Bisenzio	Bisenzio	542	Max WS	TR30_12h	115.92	260.66	262.98		263.61	0.010985	3.53	33.45	21.60	0.89
Bisenzio	Bisenzio	542	Max WS	TR200_01h	152.61	260.66	263.34		264.04	0.010683	3.73	41.89	24.45	0.89
Bisenzio	Bisenzio	542	Max WS	TR200_02h	253.06	260.66	264.15	263.91	265.01	0.008692	4.16	64.21	32.95	0.85
Bisenzio	Bisenzio	542	Max WS	TR200_03h	283.13	260.66	264.35		265.26	0.008184	4.26	71.15	33.64	0.83
Bisenzio	Bisenzio	542	Max WS	TR200_06h	260.73	260.66	264.20		265.07	0.008537	4.18	66.04	33.13	0.84
Bisenzio	Bisenzio	542	Max WS	TR200_09h	231.90	260.66	264.00	263.77	264.83	0.009068	4.07	59.33	32.35	0.86
Bisenzio	Bisenzio	542	Max WS	TR200_12h	208.16	260.66	263.80		264.61	0.009668	4.00	53.54	26.14	0.87
Bisenzio	Bisenzio	541	Max WS	TR30_01h	49.11	259.11	261.13		261.47	0.010019	2.60	18.89	16.90	0.79
Bisenzio	Bisenzio	541	Max WS	TR30_02h	102.84	259.11	261.87		262.37	0.009085	3.16	32.57	19.91	0.79
Bisenzio	Bisenzio	541	Max WS	TR30_03h	128.47	259.11	262.18		262.73	0.008445	3.29	39.01	21.06	0.77
Bisenzio	Bisenzio	541	Max WS	TR30_04h	136.92	259.11	262.28		262.85	0.008250	3.33	41.12	21.42	0.77
Bisenzio	Bisenzio	541	Max WS	TR30_06h	135.42	259.11	262.26		262.83	0.008278	3.32	40.76	21.36	0.77
Bisenzio	Bisenzio	541	Max WS	TR30_09h	125.83	259.11	262.15		262.70	0.008502	3.28	38.35	20.94	0.77
Bisenzio	Bisenzio	541	Max WS	TR30_12h	116.04	259.11	262.03		262.56	0.008808	3.24	35.80	20.49	0.78
Bisenzio	Bisenzio	541	Max WS	TR200_01h	152.58	259.11	262.45		263.04	0.008044	3.41	44.77	22.04	0.76
Bisenzio	Bisenzio	541	Max WS	TR200_02h	253.05	259.11	263.42		264.13	0.006841	3.72	67.99	25.61	0.73
Bisenzio	Bisenzio	541	Max WS	TR200_03h	283.23	259.11	263.66		264.41	0.006697	3.81	74.30	26.50	0.73
Bisenzio	Bisenzio	541	Max WS	TR200_06h	260.96	259.11	263.49		264.20	0.006789	3.74	69.70	25.86	0.73
Bisenzio	Bisenzio	541	Max WS	TR200_09h	232.14	259.11	263.25		263.93	0.006933	3.65	63.60	24.98	0.73
Bisenzio	Bisenzio													

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio	540	Max WS	TR200_09h	232.22	259.53	263.06		263.52	0.006177	3.02	76.92	39.34	0.69
Bisenzio	Bisenzio	540	Max WS	TR200_12h	208.47	259.53	262.73		263.27	0.008529	3.24	64.29	37.13	0.79
Bisenzio	Bisenzio	539	Max WS	TR30_01h	49.10	259.04	260.68		260.95	0.007851	2.30	21.33	18.05	0.68
Bisenzio	Bisenzio	539	Max WS	TR30_02h	102.84	259.04	261.48		261.90	0.006739	2.87	35.89	18.06	0.65
Bisenzio	Bisenzio	539	Max WS	TR30_03h	128.48	259.04	261.78		262.28	0.006835	3.11	41.29	18.06	0.66
Bisenzio	Bisenzio	539	Max WS	TR30_04h	136.95	259.04	261.88		262.39	0.006876	3.19	42.97	18.06	0.66
Bisenzio	Bisenzio	539	Max WS	TR30_06h	135.46	259.04	261.86		262.37	0.006866	3.17	42.68	18.06	0.66
Bisenzio	Bisenzio	539	Max WS	TR30_09h	125.88	259.04	261.75		262.24	0.006817	3.09	40.78	18.06	0.66
Bisenzio	Bisenzio	539	Max WS	TR30_12h	116.09	259.04	261.64		262.10	0.006774	2.99	38.76	18.06	0.65
Bisenzio	Bisenzio	539	Max WS	TR200_01h	152.57	259.04	262.04		262.60	0.006935	3.32	46.00	18.07	0.66
Bisenzio	Bisenzio	539	Max WS	TR200_02h	253.06	259.04	262.95		263.79	0.007683	4.06	62.29	18.08	0.70
Bisenzio	Bisenzio	539	Max WS	TR200_03h	307.35	259.04	263.28	262.59	264.17	0.007684	4.27	82.29	42.80	0.70
Bisenzio	Bisenzio	539	Max WS	TR200_06h	261.07	259.04	263.01		263.87	0.007738	4.11	63.46	18.08	0.70
Bisenzio	Bisenzio	539	Max WS	TR200_09h	232.26	259.04	262.78		263.56	0.007507	3.92	59.25	18.08	0.69
Bisenzio	Bisenzio	539	Max WS	TR200_12h	208.51	259.04	262.58		263.29	0.007316	3.75	55.60	18.07	0.68
Bisenzio	Bisenzio	537	Max WS	TR30_01h	49.10	259.00	260.65		260.97	0.008708	2.52	19.52	15.92	0.73
Bisenzio	Bisenzio	537	Max WS	TR30_02h	102.84	259.00	261.43		261.96	0.008263	3.22	31.98	15.93	0.72
Bisenzio	Bisenzio	537	Max WS	TR30_03h	128.48	259.00	261.72		262.35	0.008506	3.50	36.68	15.93	0.74
Bisenzio	Bisenzio	537	Max WS	TR30_04h	136.95	259.00	261.82		262.47	0.008584	3.59	38.16	15.93	0.74
Bisenzio	Bisenzio	537	Max WS	TR30_06h	135.46	259.00	261.80		262.45	0.008569	3.57	37.90	15.93	0.74
Bisenzio	Bisenzio	537	Max WS	TR30_09h	125.88	259.00	261.70		262.31	0.008474	3.47	36.24	15.93	0.74
Bisenzio	Bisenzio	537	Max WS	TR30_12h	116.09	259.00	261.59		262.16	0.008378	3.37	34.48	15.93	0.73
Bisenzio	Bisenzio	537	Max WS	TR200_01h	152.57	259.00	261.98		262.70	0.008711	3.74	40.80	15.93	0.75
Bisenzio	Bisenzio	537	Max WS	TR200_02h	253.06	259.00	262.89		263.96	0.009742	4.57	55.34	15.94	0.78
Bisenzio	Bisenzio	537	Max WS	TR200_03h	305.26	259.00	263.22		264.52	0.010947	5.05	60.50	15.95	0.83
Bisenzio	Bisenzio	537	Max WS	TR200_06h	261.07	259.00	262.96		264.05	0.009812	4.63	56.40	15.94	0.79
Bisenzio	Bisenzio	537	Max WS	TR200_09h	232.26	259.00	262.72		263.72	0.009523	4.42	52.59	15.94	0.78
Bisenzio	Bisenzio	537	Max WS	TR200_12h	208.51	259.00	262.52		263.43	0.009274	4.23	49.31	15.94	0.77
Bisenzio	Bisenzio	536	Max WS	TR30_01h	49.09	258.29	260.19		260.46	0.006115	2.29	21.45	16.20	0.64
Bisenzio	Bisenzio	536	Max WS	TR30_02h	102.83	258.29	260.99		261.41	0.005972	2.90	36.41	22.84	0.66
Bisenzio	Bisenzio	536	Max WS	TR30_03h	128.49	258.29	261.27		261.76	0.005869	3.14	42.95	23.92	0.67
Bisenzio	Bisenzio	536	Max WS	TR30_04h	136.98	258.29	261.35		261.87	0.005841	3.22	45.03	24.25	0.67
Bisenzio	Bisenzio	536	Max WS	TR30_06h	135.51	258.29	261.34		261.85	0.005844	3.20	44.68	24.19	0.67
Bisenzio	Bisenzio	536	Max WS	TR30_09h	125.95	258.29	261.24		261.73	0.005873	3.12	42.33	23.82	0.67
Bisenzio	Bisenzio	536	Max WS	TR30_12h	116.17	258.29	261.14		261.60	0.005912	3.03	39.86	23.42	0.66
Bisenzio	Bisenzio	536	Max WS	TR200_01h	152.55	258.29	261.51		262.06	0.005769	3.34	48.92	25.40	0.67
Bisenzio	Bisenzio	536	Max WS	TR200_02h	253.07	258.29	262.31		263.09	0.005849	4.04	71.74	31.86	0.71
Bisenzio	Bisenzio	536	Max WS	TR200_03h	292.15	258.29	262.55		263.42	0.005986	4.29	79.70	33.83	0.73
Bisenzio	Bisenzio	536	Max WS	TR200_06h	261.22	258.29	262.36		263.17	0.005852	4.09	73.55	32.32	0.71
Bisenzio	Bisenzio	536	Max WS	TR200_09h	232.42	258.29	262.16		262.91	0.005816	3.91	67.23	30.69	0.70
Bisenzio	Bisenzio	536	Max WS	TR200_12h	208.66	258.29	261.99		262.68	0.005787	3.76	61.93	29.26	0.70
Bisenzio	Bisenzio	535	Max WS	TR30_01h	49.09	257.33	259.96	259.10	260.06	0.001822	1.39	35.43	22.69	0.35
Bisenzio	Bisenzio	535	Max WS	TR30_02h	102.83	257.33	260.72	259.65	260.91	0.002367	1.93	53.39	24.97	0.42
Bisenzio	Bisenzio	535	Max WS	TR30_03h	128.50	257.33	261.00	259.88	261.23	0.002551	2.12	60.62	25.83	0.44
Bisenzio	Bisenzio	535	Max WS	TR30_04h	137.01	257.33	261.09	259.94	261.33	0.002604	2.18	62.91	26.09	0.45
Bisenzio	Bisenzio	535	Max WS	TR30_06h	135.58	257.33	261.07	259.93	261.31	0.002595	2.17	62.53	26.05	0.45
Bisenzio	Bisenzio	535	Max WS	TR30_09h	126.03	257.33	260.97	259.86	261.20	0.002535	2.10	59.95	25.75	0.44
Bisenzio	Bisenzio	535	Max WS	TR30_12h	116.25	257.33	260.87	259.76	261.08	0.002469	2.03	57.23	25.43	0.43
Bisenzio	Bisenzio	535	Max WS	TR200_01h	152.55	257.33	261.24	260.07	261.51	0.002691	2.28	66.99	26.56	0.46
Bisenzio	Bisenzio	535	Max WS	TR200_02h	253.08	257.33	261.99	260.76	262.41	0.003230	2.87	92.25	43.19	0.52
Bisenzio	Bisenzio	535	Max WS	TR200_03h	289.44	257.33	262.22	260.99	262.68	0.003325	3.03	102.18	44.29	0.53
Bisenzio	Bisenzio	535	Max WS	TR200_06h	261.37	257.33	262.05	260.82	262.47	0.003254	2.91	94.58	43.68	0.52
Bisenzio	Bisenzio	535	Max WS	TR200_09h	232.60	257.33	261.86	260.63	262.25	0.003163	2.77	86.55	40.96	0.51
Bisenzio	Bisenzio	535	Max WS	TR200_12h	208.83	257.33	261.69	260.48	262.05	0.003064	2.64	80.16	36.78	0.50
Bisenzio	Bisenzio	533.5												
Bisenzio	Bisenzio	533	Max WS	TR30_01h	49.09	255.93	257.37		257.67	0.007408	2.42	20.31	15.55	0.68
Bisenzio	Bisenzio	533	Max WS	TR30_02h	102.83	255.93	258.04		258.60	0.008988	3.30	31.15	16.74	0.77
Bisenzio	Bisenzio	533	Max WS	TR30_03h	128.50	255.93	258.43		258.98	0.009598	3.30	38.99	22.20	0.79
Bisenzio	Bisenzio	533	Max WS	TR30_04h	137.01	255.93	258.50		259.08	0.009686	3.38	40.57	22.37	0.80
Bisenzio	Bisenzio	533	Max WS	TR30_06h	135.57	255.93	258.49		259.07	0.009668	3.36	40.31	22.34	0.80
Bisenzio	Bisenzio	533	Max WS	TR30_09h	126.03	255.93	258.41		258.95	0.009578	3.27	38.52	22.14	0.79
Bisenzio	Bisenzio	533	Max WS	TR30_12h	116.25	255.93	258.27		258.83	0.008302	3.32	34.97	17.39	0.75
Bisenzio	Bisenzio	533	Max WS	TR200_01h	152.54	255.93	258.63		259.26	0.009819	3.52	43.38	22.68	0.81
Bisenzio	Bisenzio	533	Max WS	TR200_02h	253.07	255.93	259.32		260.23	0.010571	4.23	59.83	24.72	0.87
Bisenzio	Bisenzio	533	Max WS	TR200_03h	289.55	255.93	259.53		260.54	0.010557	4.46	65.11	27.04	0.88
Bisenzio	Bisenzio	533	Max WS	TR200_06h	261.38	255.93	259.37		260.31	0.010547	4.28	61.09	24.78	0.87
Bisenzio	Bisenzio	533	Max WS	TR200_09h	232.60	255.93	259.19		260.05	0.010415	4.10	56.72	24.33	0.86
Bisenzio	Bisenzio	533	Max WS	TR200_12h	208.83	255.93	259.04		259.83	0.010232	3.94	52.97	23.85	0.84
Bisenzio	Bisenzio	532	Max WS	TR30_01h	49.07	254.26	255.96		256.27	0.007405	2.46	19.93	15.44	0.69
Bisenzio	Bisenzio	532	Max WS	TR30_02h	102.83	254.26	256.72		257.23	0.007754	3.16	32.51	17.55	0.74
Bisenzio	Bisenzio	532	Max WS	TR30_03h	128.52	254.26	257.09		257.58	0.011034	3.11	41.36	30.67	0.85
Bisenzio	Bisenzio	532	Max WS	TR30_04h	137.07	254.26	257.16		257.66	0.010594	3.14	43.63	30.77	0.84
Bisenzio	Bisenzio	532	Max WS	TR30_06h	135.68	254.26	257.15		257.65	0.010655	3.14	43.27	30.76	0.84
Bisenzio	Bisenzio	532	Max WS	TR30_09h	126.17	254.26	257.06		257.56	0.010996	3.10	40.64	30.08	0.85
Bisenzio	Bisenzio	532	Max WS	TR30_12h	116.40	254.26	256.94		257.44	0.010177	3.12	37.30	25.68	0.83
Bisenzio	Bisenzio	532	Max WS	TR200_01h	152.49	254.26	257.29		257.81	0.009964	3.21	47.58	30.96	0.83
Bisenzio	Bisenzio	532	Max WS	TR200_02h	253.08	254.26	258.02		258.67	0.008008	3.59	70.50	31.99	0.77
Bisenzio	Bisenzio	532	Max WS	TR200_03h	288.17	254.26	258.23		258.94	0.007806	3.73	77.31	32.29	0.77
Bisenzio	Bisenzio	532	Max WS	TR200_06h	261.67	254.26	258.07		258.74	0.007922	3.62	72.28	32.07	0.77
Bisenzio	Bisenzio	532	Max WS	TR200_09h	232.93	254.26	257.89		258.52	0.008135	3.50	66.49	31.81	0.77
Bisenzio	Bisenzio	532	Max WS	TR200_12h	209.15	254.26	257.73		258.32	0.008433	3.41	61.34	31.58	0.78
Bisenzio	Bisenzio	531	Max WS	TR30_01h	49.06	253.33	255.10		255.39	0.007680	2.42	20.28	16.63	0.70
Bisenzio	Bisenzio	531	Max WS	TR30_02h	102.81	253.33	255.82		256.29	0.008301	3.03	33.96	20.97	0.76
Bisenzio	Bisenzio													

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio	531	Max WS	TR200_12h	209.42	253.33	256.82		257.49	0.008061	3.62	57.88	26.69	0.78
Bisenzio	Bisenzio	530	Max WS	TR30_01h	49.05	253.01	254.44		254.76	0.008846	2.50	19.63	17.32	0.75
Bisenzio	Bisenzio	530	Max WS	TR30_02h	102.80	253.01	255.19		255.67	0.007757	3.06	33.61	19.92	0.75
Bisenzio	Bisenzio	530	Max WS	TR30_03h	128.54	253.01	255.48		256.03	0.007462	3.27	39.44	20.84	0.75
Bisenzio	Bisenzio	530	Max WS	TR30_04h	137.14	253.01	255.57		256.14	0.007391	3.34	41.32	21.12	0.75
Bisenzio	Bisenzio	530	Max WS	TR30_06h	135.84	253.01	255.56		256.12	0.007395	3.33	41.05	21.08	0.75
Bisenzio	Bisenzio	530	Max WS	TR30_09h	126.39	253.01	255.46		256.00	0.007467	3.26	38.99	20.77	0.75
Bisenzio	Bisenzio	530	Max WS	TR30_12h	116.62	253.01	255.35		255.87	0.007562	3.18	36.81	20.43	0.75
Bisenzio	Bisenzio	530	Max WS	TR200_01h	152.42	253.01	255.72		256.32	0.007345	3.46	44.45	21.59	0.75
Bisenzio	Bisenzio	530	Max WS	TR200_02h	253.09	253.01	256.53		257.38	0.007296	4.10	63.20	24.20	0.78
Bisenzio	Bisenzio	530	Max WS	TR200_03h	287.48	253.01	256.77		257.70	0.007334	4.28	69.01	24.95	0.79
Bisenzio	Bisenzio	530	Max WS	TR200_06h	262.10	253.01	256.60		257.47	0.007285	4.15	64.80	24.41	0.78
Bisenzio	Bisenzio	530	Max WS	TR200_09h	233.43	253.01	256.40		257.20	0.007242	3.98	59.87	23.76	0.77
Bisenzio	Bisenzio	530	Max WS	TR200_12h	209.62	253.01	256.21		256.96	0.007217	3.84	55.62	23.18	0.76
Bisenzio	Bisenzio	529	Max WS	TR30_01h	49.04	251.88	253.71		254.01	0.006781	2.43	20.15	14.64	0.66
Bisenzio	Bisenzio	529	Max WS	TR30_02h	102.80	251.88	254.49		254.99	0.007613	3.13	33.03	18.56	0.74
Bisenzio	Bisenzio	529	Max WS	TR30_03h	128.55	251.88	254.79		255.35	0.007703	3.34	38.80	20.12	0.75
Bisenzio	Bisenzio	529	Max WS	TR30_04h	137.17	251.88	254.88		255.47	0.007712	3.41	40.68	20.57	0.76
Bisenzio	Bisenzio	529	Max WS	TR30_06h	135.91	251.88	254.86		255.45	0.007712	3.40	40.43	20.54	0.76
Bisenzio	Bisenzio	529	Max WS	TR30_09h	126.49	251.88	254.76		255.33	0.007680	3.33	38.38	20.01	0.75
Bisenzio	Bisenzio	529	Max WS	TR30_12h	116.73	251.88	254.65		255.19	0.007645	3.25	36.22	19.44	0.75
Bisenzio	Bisenzio	529	Max WS	TR200_01h	152.40	251.88	255.03		255.66	0.007610	3.53	43.74	20.73	0.76
Bisenzio	Bisenzio	529	Max WS	TR200_02h	253.11	251.88	255.85		256.76	0.007612	4.25	61.12	21.60	0.78
Bisenzio	Bisenzio	529	Max WS	TR200_03h	287.37	251.88	256.08		257.09	0.007707	4.46	66.29	21.85	0.79
Bisenzio	Bisenzio	529	Max WS	TR200_06h	262.32	251.88	255.92		256.85	0.007612	4.30	62.60	21.67	0.78
Bisenzio	Bisenzio	529	Max WS	TR200_09h	233.68	251.88	255.71		256.56	0.007540	4.11	58.13	21.45	0.77
Bisenzio	Bisenzio	529	Max WS	TR200_12h	209.84	251.88	255.52		256.31	0.007501	3.95	54.21	21.26	0.77
Bisenzio	Bisenzio	528	Max WS	TR30_01h	49.03	251.27	252.82		253.11	0.007377	2.41	20.32	16.24	0.69
Bisenzio	Bisenzio	528	Max WS	TR30_02h	102.79	251.27	253.54		254.04	0.007907	3.12	32.94	18.58	0.75
Bisenzio	Bisenzio	528	Max WS	TR30_03h	128.57	251.27	253.82		254.40	0.008083	3.36	38.21	19.47	0.77
Bisenzio	Bisenzio	528	Max WS	TR30_04h	137.22	251.27	253.91		254.51	0.008119	3.44	39.94	19.75	0.77
Bisenzio	Bisenzio	528	Max WS	TR30_06h	136.00	251.27	253.90		254.49	0.008104	3.42	39.71	19.71	0.77
Bisenzio	Bisenzio	528	Max WS	TR30_09h	126.63	251.27	253.80		254.37	0.008038	3.34	37.88	19.41	0.76
Bisenzio	Bisenzio	528	Max WS	TR30_12h	116.88	251.27	253.70		254.24	0.007969	3.25	35.93	19.08	0.76
Bisenzio	Bisenzio	528	Max WS	TR200_01h	152.38	251.27	254.05		254.70	0.008237	3.56	42.77	20.20	0.78
Bisenzio	Bisenzio	528	Max WS	TR200_02h	253.13	251.27	254.86		255.76	0.008645	4.20	60.29	22.82	0.82
Bisenzio	Bisenzio	528	Max WS	TR200_03h	287.37	251.27	255.10		256.07	0.008775	4.38	65.68	23.57	0.84
Bisenzio	Bisenzio	528	Max WS	TR200_06h	262.58	251.27	254.93		255.85	0.008626	4.24	61.94	23.05	0.83
Bisenzio	Bisenzio	528	Max WS	TR200_09h	233.99	251.27	254.73		255.58	0.008497	4.08	57.34	22.40	0.81
Bisenzio	Bisenzio	528	Max WS	TR200_12h	210.14	251.27	254.55		255.34	0.008398	3.94	53.33	21.82	0.80
Bisenzio	Bisenzio	526	Max WS	TR30_01h	49.02	250.39	252.19		252.36	0.004010	1.78	27.56	22.59	0.51
Bisenzio	Bisenzio	526	Max WS	TR30_02h	102.79	250.39	252.84		253.13	0.004718	2.37	43.32	25.85	0.59
Bisenzio	Bisenzio	526	Max WS	TR30_03h	128.52	250.39	253.09		253.43	0.004891	2.58	49.73	26.72	0.60
Bisenzio	Bisenzio	526	Max WS	TR30_04h	137.18	250.39	253.17		253.52	0.004818	2.64	51.88	27.01	0.61
Bisenzio	Bisenzio	526	Max WS	TR30_06h	136.04	250.39	253.16		253.51	0.004894	2.63	51.67	26.98	0.61
Bisenzio	Bisenzio	526	Max WS	TR30_09h	126.73	250.39	253.08		253.41	0.004812	2.56	49.54	26.69	0.60
Bisenzio	Bisenzio	526	Max WS	TR30_12h	116.99	250.39	252.99		253.31	0.004726	2.48	47.22	26.38	0.59
Bisenzio	Bisenzio	526	Max WS	TR200_01h	152.37	250.39	253.28		253.67	0.005109	2.77	54.99	27.42	0.62
Bisenzio	Bisenzio	526	Max WS	TR200_02h	253.03	250.39	254.02		254.58	0.005326	3.32	76.25	29.79	0.66
Bisenzio	Bisenzio	526	Max WS	TR200_03h	287.39	250.39	254.23		254.85	0.005376	3.48	82.55	30.26	0.67
Bisenzio	Bisenzio	526	Max WS	TR200_06h	262.79	250.39	254.10		254.67	0.005251	3.35	78.50	29.96	0.66
Bisenzio	Bisenzio	526	Max WS	TR200_09h	234.29	250.39	253.92		254.44	0.005202	3.20	73.11	29.55	0.65
Bisenzio	Bisenzio	526	Max WS	TR200_12h	210.39	250.39	253.75		254.24	0.005179	3.08	68.23	29.12	0.64
Bisenzio	Bisenzio	525	Max WS	TR30_01h	49.21	250.36	252.02		252.32	0.009600	2.44	20.14	19.46	0.77
Bisenzio	Bisenzio	525	Max WS	TR30_02h	103.51	250.36	252.67		253.15	0.008973	3.07	33.73	21.61	0.78
Bisenzio	Bisenzio	525	Max WS	TR30_03h	130.37	250.36	252.92		253.48	0.008983	3.32	39.22	22.16	0.80
Bisenzio	Bisenzio	525	Max WS	TR30_04h	139.67	250.36	253.00		253.59	0.009024	3.40	41.02	22.39	0.80
Bisenzio	Bisenzio	525	Max WS	TR30_06h	138.80	250.36	253.00		253.58	0.009012	3.40	40.87	22.37	0.80
Bisenzio	Bisenzio	525	Max WS	TR30_09h	129.38	250.36	252.91		253.47	0.008968	3.31	39.05	22.14	0.80
Bisenzio	Bisenzio	525	Max WS	TR30_12h	119.42	250.36	252.82		253.35	0.008962	3.22	37.05	21.95	0.79
Bisenzio	Bisenzio	525	Max WS	TR200_01h	153.17	250.36	253.11		253.74	0.009134	3.52	43.53	22.78	0.81
Bisenzio	Bisenzio	525	Max WS	TR200_02h	256.02	250.36	253.84		254.74	0.009718	4.20	60.90	25.91	0.87
Bisenzio	Bisenzio	525	Max WS	TR200_03h	292.50	250.36	254.04		255.04	0.009824	4.42	66.70	29.41	0.88
Bisenzio	Bisenzio	525	Max WS	TR200_06h	268.19	250.36	253.91		254.84	0.009767	4.27	62.90	28.13	0.87
Bisenzio	Bisenzio	525	Max WS	TR200_09h	239.04	250.36	253.73		254.59	0.009586	4.10	58.31	24.93	0.86
Bisenzio	Bisenzio	525	Max WS	TR200_12h	214.65	250.36	253.57		254.37	0.009475	3.95	54.31	24.37	0.85
Bisenzio	Bisenzio	524.50	Max WS	TR30_01h	49.20	250.04	251.66		251.93	0.007384	2.30	21.42	18.85	0.69
Bisenzio	Bisenzio	524.50	Max WS	TR30_02h	103.50	250.04	252.29		252.75	0.008800	3.00	34.56	23.12	0.78
Bisenzio	Bisenzio	524.50	Max WS	TR30_03h	130.38	250.04	252.54		253.07	0.008885	3.23	40.36	24.19	0.80
Bisenzio	Bisenzio	524.50	Max WS	TR30_04h	139.69	250.04	252.62		253.17	0.008888	3.30	42.27	24.46	0.80
Bisenzio	Bisenzio	524.50	Max WS	TR30_06h	138.84	250.04	252.61		253.16	0.008878	3.30	42.12	24.44	0.80
Bisenzio	Bisenzio	524.50	Max WS	TR30_09h	129.43	250.04	252.53		253.06	0.008870	3.22	40.18	24.16	0.80
Bisenzio	Bisenzio	524.50	Max WS	TR30_12h	119.47	250.04	252.44		252.94	0.008839	3.14	38.08	23.79	0.79
Bisenzio	Bisenzio	524.50	Max WS	TR200_01h	153.16	250.04	252.72		253.32	0.008907	3.41	44.91	24.77	0.81
Bisenzio	Bisenzio	524.50	Max WS	TR200_02h	256.03	250.04								

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio	522	Max WS	TR30_01h	49.19	249.25	250.58		250.82	0.008064	2.18	22.56	22.77	0.70
Bisenzio	Bisenzio	522	Max WS	TR30_02h	103.50	249.25	251.17		251.59	0.008003	2.85	36.36	23.90	0.74
Bisenzio	Bisenzio	522	Max WS	TR30_03h	130.38	249.25	251.40		251.90	0.008235	3.12	41.84	24.33	0.76
Bisenzio	Bisenzio	522	Max WS	TR30_04h	139.72	249.25	251.48		252.00	0.008264	3.20	43.73	24.48	0.76
Bisenzio	Bisenzio	522	Max WS	TR30_06h	138.94	249.25	251.47		251.99	0.008240	3.19	43.61	24.47	0.76
Bisenzio	Bisenzio	522	Max WS	TR30_09h	129.59	249.25	251.40		251.89	0.008168	3.10	41.79	24.33	0.76
Bisenzio	Bisenzio	522	Max WS	TR30_12h	119.64	249.25	251.32		251.78	0.008064	3.00	39.84	24.18	0.75
Bisenzio	Bisenzio	522	Max WS	TR200_01h	153.13	249.25	251.58		252.14	0.008403	3.32	46.18	24.67	0.77
Bisenzio	Bisenzio	522	Max WS	TR200_02h	256.05	249.25	252.26		253.09	0.008973	4.03	63.48	25.98	0.82
Bisenzio	Bisenzio	522	Max WS	TR200_03h	291.86	249.25	252.45		253.38	0.009287	4.26	68.45	26.95	0.84
Bisenzio	Bisenzio	522	Max WS	TR200_06h	268.58	249.25	252.33		253.19	0.009030	4.11	65.40	26.12	0.83
Bisenzio	Bisenzio	522	Max WS	TR200_09h	239.52	249.25	252.18		252.95	0.008719	3.91	61.30	25.82	0.81
Bisenzio	Bisenzio	522	Max WS	TR200_12h	215.09	249.25	252.04		252.74	0.008441	3.73	57.69	25.55	0.79
Bisenzio	Bisenzio	521	Max WS	TR30_01h	49.19	248.66	250.40		250.58	0.004766	1.87	26.30	22.78	0.56
Bisenzio	Bisenzio	521	Max WS	TR30_02h	103.49	248.66	250.96		251.29	0.006110	2.53	41.00	27.48	0.65
Bisenzio	Bisenzio	521	Max WS	TR30_03h	130.31	248.66	251.18		251.57	0.006335	2.79	46.86	27.95	0.68
Bisenzio	Bisenzio	521	Max WS	TR30_04h	139.65	248.66	251.25		251.67	0.006353	2.87	48.92	28.11	0.68
Bisenzio	Bisenzio	521	Max WS	TR30_06h	138.90	248.66	251.25		251.66	0.006324	2.86	48.83	28.10	0.68
Bisenzio	Bisenzio	521	Max WS	TR30_09h	129.62	248.66	251.18		251.57	0.006254	2.78	46.90	27.95	0.67
Bisenzio	Bisenzio	521	Max WS	TR30_12h	119.67	248.66	251.10		251.47	0.006144	2.68	44.84	27.79	0.66
Bisenzio	Bisenzio	521	Max WS	TR200_01h	153.13	248.66	251.34		251.80	0.006493	3.00	51.52	30.00	0.70
Bisenzio	Bisenzio	521	Max WS	TR200_02h	255.67	248.66	251.96		252.64	0.006725	3.69	74.94	42.33	0.74
Bisenzio	Bisenzio	521	Max WS	TR200_03h	290.09	248.66	252.13		252.87	0.006842	3.88	82.04	42.62	0.76
Bisenzio	Bisenzio	521	Max WS	TR200_06h	267.83	248.66	252.03		252.73	0.006704	3.75	77.78	42.45	0.75
Bisenzio	Bisenzio	521	Max WS	TR200_09h	239.51	248.66	251.89		252.53	0.006551	3.57	71.94	42.21	0.73
Bisenzio	Bisenzio	521	Max WS	TR200_12h	215.16	248.66	251.77		252.35	0.006376	3.40	66.73	41.37	0.71
Bisenzio	Bisenzio	520.9		Lat Struct										
Bisenzio	Bisenzio	520	Max WS	TR30_01h	49.34	248.74	250.26		250.38	0.003551	1.49	33.18	33.01	0.47
Bisenzio	Bisenzio	520	Max WS	TR30_02h	104.16	248.74	250.78		250.99	0.004321	2.03	51.25	36.88	0.55
Bisenzio	Bisenzio	520	Max WS	TR30_03h	132.27	248.74	250.97		251.23	0.004747	2.26	58.42	38.33	0.59
Bisenzio	Bisenzio	520	Max WS	TR30_04h	142.45	248.74	251.04		251.32	0.004929	2.33	61.01	39.32	0.60
Bisenzio	Bisenzio	520	Max WS	TR30_06h	141.98	248.74	251.04		251.31	0.004919	2.33	60.91	39.28	0.60
Bisenzio	Bisenzio	520	Max WS	TR30_09h	132.47	248.74	250.98		251.24	0.004744	2.26	58.51	38.36	0.59
Bisenzio	Bisenzio	520	Max WS	TR30_12h	122.30	248.74	250.91		251.15	0.004599	2.19	55.96	37.82	0.57
Bisenzio	Bisenzio	520	Max WS	TR200_01h	153.81	248.74	251.11		251.41	0.005121	2.41	63.83	40.38	0.61
Bisenzio	Bisenzio	520	Max WS	TR200_02h	258.75	248.74	251.66		252.10	0.005961	2.94	88.12	46.20	0.68
Bisenzio	Bisenzio	520	Max WS	TR200_03h	295.88	248.74	251.83		252.31	0.006005	3.09	95.78	46.56	0.69
Bisenzio	Bisenzio	520	Max WS	TR200_06h	273.89	248.74	251.73		252.19	0.005982	3.00	91.34	46.46	0.68
Bisenzio	Bisenzio	520	Max WS	TR200_09h	244.60	248.74	251.60		252.02	0.005915	2.87	85.17	45.97	0.67
Bisenzio	Bisenzio	520	Max WS	TR200_12h	219.77	248.74	251.48		251.87	0.005851	2.76	79.75	45.54	0.67
Bisenzio	Bisenzio	519.50	Max WS	TR30_01h	49.33	248.51	249.83		249.96	0.007984	1.58	31.25	37.33	0.55
Bisenzio	Bisenzio	519.50	Max WS	TR30_02h	104.15	248.51	250.30		250.52	0.008688	2.07	51.33	49.44	0.61
Bisenzio	Bisenzio	519.50	Max WS	TR30_03h	132.28	248.51	250.48		250.74	0.008644	2.26	60.22	49.75	0.62
Bisenzio	Bisenzio	519.50	Max WS	TR30_04h	142.50	248.51	250.54		250.81	0.008630	2.32	63.26	49.84	0.62
Bisenzio	Bisenzio	519.50	Max WS	TR30_06h	142.07	248.51	250.54		250.81	0.008622	2.32	63.15	49.84	0.62
Bisenzio	Bisenzio	519.50	Max WS	TR30_09h	132.57	248.51	250.48		250.74	0.008635	2.32	60.33	49.75	0.62
Bisenzio	Bisenzio	519.50	Max WS	TR30_12h	122.40	248.51	250.42		250.66	0.008640	2.19	57.24	49.65	0.61
Bisenzio	Bisenzio	519.50	Max WS	TR200_01h	153.78	248.51	250.61		250.89	0.008623	2.39	66.50	49.94	0.63
Bisenzio	Bisenzio	519.50	Max WS	TR200_02h	258.12	248.51	251.13		251.54	0.008709	2.91	92.58	50.69	0.66
Bisenzio	Bisenzio	519.50	Max WS	TR200_03h	295.38	248.51	251.29		251.75	0.008767	3.06	100.72	50.88	0.67
Bisenzio	Bisenzio	519.50	Max WS	TR200_06h	273.40	248.51	251.19		251.63	0.008726	2.97	96.00	50.77	0.66
Bisenzio	Bisenzio	519.50	Max WS	TR200_09h	244.28	248.51	251.06		251.47	0.008674	2.85	89.48	50.61	0.65
Bisenzio	Bisenzio	519.50	Max WS	TR200_12h	219.60	248.51	250.95		251.32	0.008644	2.73	83.65	50.47	0.65
Bisenzio	Bisenzio	519	Max WS	TR30_01h	49.32	248.27	249.43	249.09	249.51	0.003612	1.30	37.87	46.27	0.46
Bisenzio	Bisenzio	519	Max WS	TR30_02h	104.14	248.27	249.85	249.41	250.02	0.004008	1.80	58.46	52.09	0.52
Bisenzio	Bisenzio	519	Max WS	TR30_03h	132.29	248.27	250.03	249.55	250.23	0.004133	1.99	68.04	56.20	0.53
Bisenzio	Bisenzio	519	Max WS	TR30_04h	142.54	248.27	250.09	249.60	250.30	0.004171	2.05	71.44	57.59	0.54
Bisenzio	Bisenzio	519	Max WS	TR30_06h	142.15	248.27	250.09	249.59	250.30	0.004168	2.05	71.31	57.54	0.54
Bisenzio	Bisenzio	519	Max WS	TR30_09h	132.66	248.27	250.03	249.55	250.23	0.004135	1.99	68.16	56.25	0.53
Bisenzio	Bisenzio	519	Max WS	TR30_12h	122.50	248.27	249.97	249.50	250.16	0.004085	1.93	64.79	54.84	0.53
Bisenzio	Bisenzio	519	Max WS	TR200_01h	153.76	248.27	250.15	249.65	250.38	0.004199	2.12	75.16	58.51	0.55
Bisenzio	Bisenzio	519	Max WS	TR200_02h	256.81	248.27	250.67	250.10	251.00	0.004336	2.59	105.20	58.60	0.58
Bisenzio	Bisenzio	519	Max WS	TR200_03h	293.39	248.27	250.82	250.24	251.19	0.004382	2.73	114.55	62.84	0.59
Bisenzio	Bisenzio	519	Max WS	TR200_06h	272.00	248.27	250.73	250.17	251.08	0.004361	2.65	109.06	58.61	0.58
Bisenzio	Bisenzio	519	Max WS	TR200_09h	243.39	248.27	250.61	250.04	250.93	0.004313	2.53	101.70	58.59	0.57
Bisenzio	Bisenzio	519	Max WS	TR200_12h	219.09	248.27	250.49	249.94	250.79	0.004282	2.43	95.04	58.57	0.57
Bisenzio	Bisenzio	517.5		Int Struct										
Bisenzio	Bisenzio	517	Max WS	TR30_01h	49.30	244.09	245.87		245.92	0.001074	0.98	50.22	37.32	0.27
Bisenzio	Bisenzio	517	Max WS	TR30_02h	104.14	244.09	246.51		246.61	0.001355	1.40	74.54	38.19	0.32
Bisenzio	Bisenzio	517	Max WS	TR30_03h	132.29	244.09	246.78		246.91	0.001448	1.56	84.89	38.56	0.34
Bisenzio	Bisenzio	517	Max WS	TR30_04h	142.54	244.09	246.87		247.00	0.001487	1.61	88.26	38.68	0.34
Bisenzio	Bisenzio	517	Max WS	TR30_06h	142.15	244.09	246.87		247.00	0.001484	1.61	88.16	38.67	0.34
Bisenzio	Bisenzio	517	Max WS	TR30_09h	132.66	244.09	246.79		246.91	0.001448	1.56	85.06	38.57	0.34
Bisenzio	Bisenzio	517	Max WS	TR30_12h	122.50	244.09	246.70		246.81	0.001405	1.50	81.64	38.45	0.33
Bisenzio	Bisenzio	517	Max WS	TR200_01h	153.74	244.09	246.96		247.10	0.001531	1.68	91.77	38.80	0.35
Bisenzio	Bisenzio	517	Max WS	TR200_02h	256.78	244.09	247.70		247.93	0.001870	2.12	121.13	41.21	0.39
Bisenzio	Bisenzio	517	Max WS	TR200_03h	293.35	244.09	247.91		248.17	0.001958	2.26	130.03	41.53	0.41
Bisenzio	Bisenzio	517	Max WS	TR200_06h	272.00	244.09	247.79		248.03	0.001902	2.18	125.02	41.35	0.40
Bisenzio	Bisenzio	517	Max WS	TR200_09h	243.39	244.09	247.62		247.84	0.001828	2.06	117.89	41.10	0.39
Bisenzio	Bisenzio	517	Max WS	TR200_12h	219.09	244.09	247.46		247.66	0.001765	1.97	111.45	40.87	0.38
Bisenzio	Bisenzio	516.9		Lat Struct										
Bisenzio	Bisenzio	516	Max WS	TR30_01h	49.29	243.90	245.48		245.74	0.008076	2.25	21.90	21.33	0.71
Bisenzio	Bisenzio	516	Max WS	TR30_02h	104.12	243.90	246.12		246.52	0.007704	2.83	38.70	33.46	0.73
Bisenzio	Bisenzio	516	Max WS	TR30_03h	132.29	243.90	246.36		246.81	0.007888				

HEC-RAS Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Chl 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
Bisenzio	Bisenzio	516	Max WS	TR200_06h	274.36	243.90	247.23		247.87	0.007340	3.73	86.12	47.01	0.77
Bisenzio	Bisenzio	516	Max WS	TR200_09h	245.13	243.90	247.08		247.69	0.007382	3.61	79.01	46.17	0.77
Bisenzio	Bisenzio	516	Max WS	TR200_12h	220.23	243.90	246.94		247.52	0.007416	3.50	72.75	45.42	0.76
Bisenzio	Bisenzio	515	Max WS	TR30_01h	49.28	243.46	244.75		244.97	0.006597	2.07	23.81	22.65	0.64
Bisenzio	Bisenzio	515	Max WS	TR30_02h	104.10	243.46	245.41		245.75	0.006107	2.59	41.62	33.86	0.66
Bisenzio	Bisenzio	515	Max WS	TR30_03h	132.29	243.46	245.66		246.05	0.006083	2.80	50.58	38.88	0.67
Bisenzio	Bisenzio	515	Max WS	TR30_04h	142.62	243.46	245.74		246.15	0.006040	2.86	53.98	40.62	0.67
Bisenzio	Bisenzio	515	Max WS	TR30_06h	142.34	243.46	245.74		246.15	0.006036	2.86	53.91	40.58	0.67
Bisenzio	Bisenzio	515	Max WS	TR30_09h	132.89	243.46	245.66		246.05	0.006072	2.80	50.80	38.99	0.67
Bisenzio	Bisenzio	515	Max WS	TR30_12h	122.74	243.46	245.58		245.95	0.006028	2.72	47.74	37.36	0.67
Bisenzio	Bisenzio	515	Max WS	TR200_01h	153.57	243.46	245.83		246.25	0.005986	2.92	57.64	42.42	0.68
Bisenzio	Bisenzio	515	Max WS	TR200_02h	258.28	243.46	246.49		247.04	0.005720	3.41	88.69	48.65	0.68
Bisenzio	Bisenzio	515	Max WS	TR200_03h	295.76	243.46	246.69		247.27	0.005627	3.55	98.58	48.65	0.68
Bisenzio	Bisenzio	515	Max WS	TR200_06h	274.45	243.46	246.58		247.14	0.005696	3.48	92.91	48.65	0.68
Bisenzio	Bisenzio	515	Max WS	TR200_09h	245.15	243.46	246.42		246.95	0.005704	3.35	85.38	48.65	0.68
Bisenzio	Bisenzio	515	Max WS	TR200_12h	220.30	243.46	246.28		246.79	0.005708	3.24	78.69	48.65	0.68
Bisenzio	Bisenzio	514	Max WS	TR30_01h	49.25	242.51	243.95		244.18	0.006092	2.10	23.49	20.58	0.63
Bisenzio	Bisenzio	514	Max WS	TR30_02h	104.09	242.51	244.61		244.99	0.006551	2.75	37.84	22.97	0.68
Bisenzio	Bisenzio	514	Max WS	TR30_03h	132.30	242.51	244.87		245.33	0.006784	3.02	43.81	23.46	0.71
Bisenzio	Bisenzio	514	Max WS	TR30_04h	142.67	242.51	244.96		245.45	0.006831	3.10	45.96	23.63	0.71
Bisenzio	Bisenzio	514	Max WS	TR30_06h	142.46	242.51	244.96		245.45	0.006827	3.10	45.92	23.62	0.71
Bisenzio	Bisenzio	514	Max WS	TR30_09h	133.04	242.51	244.87		245.34	0.006776	3.02	43.99	23.47	0.71
Bisenzio	Bisenzio	514	Max WS	TR30_12h	122.89	242.51	244.78		245.22	0.006704	2.93	41.89	23.30	0.70
Bisenzio	Bisenzio	514	Max WS	TR200_01h	153.52	242.51	245.06		245.57	0.006776	3.18	48.36	25.11	0.71
Bisenzio	Bisenzio	514	Max WS	TR200_02h	258.73	242.51	245.83		246.36	0.005213	3.41	101.52	77.00	0.65
Bisenzio	Bisenzio	514	Max WS	TR200_03h	296.66	242.51	246.10		246.59	0.004478	3.36	122.42	77.77	0.61
Bisenzio	Bisenzio	514	Max WS	TR200_06h	275.48	242.51	245.94		246.46	0.004973	3.41	109.75	77.31	0.64
Bisenzio	Bisenzio	514	Max WS	TR200_09h	245.89	242.51	245.75		246.29	0.005380	3.40	95.36	76.77	0.66
Bisenzio	Bisenzio	514	Max WS	TR200_12h	220.80	242.51	245.60	245.10	246.13	0.005655	3.35	83.55	76.33	0.67
Bisenzio	Bisenzio	513	Max WS	TR30_01h	49.23	241.68	243.32		243.50	0.005723	1.87	26.28	26.19	0.60
Bisenzio	Bisenzio	513	Max WS	TR30_02h	104.08	241.68	243.98		244.24	0.005495	2.23	46.67	34.91	0.61
Bisenzio	Bisenzio	513	Max WS	TR30_03h	132.30	241.68	244.25		244.54	0.004917	2.36	56.24	35.87	0.60
Bisenzio	Bisenzio	513	Max WS	TR30_04h	142.71	241.68	244.35		244.64	0.004726	2.39	59.76	36.22	0.59
Bisenzio	Bisenzio	513	Max WS	TR30_06h	142.57	241.68	244.35		244.64	0.004722	2.39	59.74	36.21	0.59
Bisenzio	Bisenzio	513	Max WS	TR30_09h	133.18	241.68	244.26		244.55	0.004890	2.36	56.58	35.90	0.60
Bisenzio	Bisenzio	513	Max WS	TR30_12h	123.03	241.68	244.17		244.44	0.005056	2.31	53.23	35.57	0.60
Bisenzio	Bisenzio	513	Max WS	TR200_01h	153.44	241.68	244.45		244.75	0.004526	2.43	63.47	36.58	0.58
Bisenzio	Bisenzio	513	Max WS	TR200_02h	258.70	241.68	245.38		245.73	0.003245	2.63	102.04	49.80	0.52
Bisenzio	Bisenzio	513	Max WS	TR200_03h	296.72	241.68	245.73		246.08	0.002731	2.63	119.66	50.92	0.49
Bisenzio	Bisenzio	513	Max WS	TR200_06h	275.72	241.68	245.51		245.87	0.003104	2.66	108.53	50.21	0.52
Bisenzio	Bisenzio	513	Max WS	TR200_09h	246.17	241.68	245.28		245.62	0.003391	2.62	96.86	49.46	0.53
Bisenzio	Bisenzio	513	Max WS	TR200_12h	221.06	241.68	245.06		245.40	0.003660	2.59	86.18	38.79	0.55
Bisenzio	Bisenzio	512	Max WS	TR30_01h	49.22	241.02	242.98	242.47	243.12	0.003516	1.67	29.48	24.77	0.48
Bisenzio	Bisenzio	512	Max WS	TR30_02h	104.07	241.02	243.63	242.99	243.90	0.003841	2.31	44.99	25.17	0.54
Bisenzio	Bisenzio	512	Max WS	TR30_03h	132.30	241.02	243.87	243.20	244.22	0.004124	2.60	50.86	25.19	0.57
Bisenzio	Bisenzio	512	Max WS	TR30_04h	142.74	241.02	243.96	243.28	244.33	0.004198	2.70	52.95	25.20	0.58
Bisenzio	Bisenzio	512	Max WS	TR30_06h	142.64	241.02	243.96	243.28	244.33	0.004195	2.69	52.93	25.20	0.58
Bisenzio	Bisenzio	512	Max WS	TR30_09h	133.27	241.02	243.88	243.21	244.23	0.004129	2.61	51.06	25.20	0.57
Bisenzio	Bisenzio	512	Max WS	TR30_12h	123.12	241.02	243.80	243.14	244.12	0.004024	2.51	49.07	25.19	0.56
Bisenzio	Bisenzio	512	Max WS	TR200_01h	153.43	241.02	244.05	243.36	244.45	0.004222	2.78	55.19	25.21	0.58
Bisenzio	Bisenzio	512	Max WS	TR200_02h	258.71	241.02	244.87	244.03	245.48	0.004388	3.47	74.65	25.30	0.63
Bisenzio	Bisenzio	512	Max WS	TR200_03h	296.13	241.02	245.18	244.24	245.84	0.004187	3.61	82.10	25.33	0.62
Bisenzio	Bisenzio	512	Max WS	TR200_06h	275.88	241.02	244.97	244.13	245.62	0.004487	3.58	77.07	25.31	0.64
Bisenzio	Bisenzio	512	Max WS	TR200_09h	246.35	241.02	244.78	243.96	245.37	0.004379	3.40	72.54	25.29	0.62
Bisenzio	Bisenzio	512	Max WS	TR200_12h	221.23	241.02	244.59	243.80	245.13	0.004395	3.26	67.93	25.27	0.62
Bisenzio	Bisenzio	511		Bridge										
Bisenzio	Bisenzio	510	Max WS	TR30_01h	49.22	241.18	242.84		242.99	0.004019	1.75	28.04	24.67	0.52
Bisenzio	Bisenzio	510	Max WS	TR30_02h	104.07	241.18	243.52		243.80	0.003863	2.34	44.48	25.03	0.55
Bisenzio	Bisenzio	510	Max WS	TR30_03h	132.30	241.18	243.78		244.13	0.004042	2.60	50.67	25.17	0.57
Bisenzio	Bisenzio	510	Max WS	TR30_04h	142.74	241.18	243.88		244.25	0.004088	2.70	52.85	25.22	0.58
Bisenzio	Bisenzio	510	Max WS	TR30_06h	142.64	241.18	243.87		244.25	0.004084	2.70	52.85	25.22	0.58
Bisenzio	Bisenzio	510	Max WS	TR30_09h	133.27	241.18	243.79		244.14	0.004043	2.62	50.89	25.17	0.57
Bisenzio	Bisenzio	510	Max WS	TR30_12h	123.12	241.18	243.71		244.03	0.003970	2.52	48.80	25.13	0.56
Bisenzio	Bisenzio	510	Max WS	TR200_01h	153.42	241.18	243.97		244.36	0.004122	2.79	55.06	25.26	0.59
Bisenzio	Bisenzio	510	Max WS	TR200_02h	258.71	241.18	244.79		245.40	0.004260	3.47	74.59	25.70	0.63
Bisenzio	Bisenzio	510	Max WS	TR200_03h	295.84	241.18	245.10		245.76	0.004038	3.60	82.15	25.87	0.62
Bisenzio	Bisenzio	510	Max WS	TR200_06h	275.88	241.18	244.89		245.54	0.004361	3.58	76.98	25.75	0.64
Bisenzio	Bisenzio	510	Max WS	TR200_09h	246.35	241.18	244.70		245.29	0.004248	3.40	72.49	25.65	0.62
Bisenzio	Bisenzio	510	Max WS	TR200_12h	221.23	241.18	244.51		245.05	0.004242	3.25	67.99	25.55	0.62
Bisenzio	Bisenzio	509	Max WS	TR30_01h	49.22	240.26	242.69	242.04	242.89	0.003976	2.00	24.66	14.77	0.49
Bisenzio	Bisenzio	509	Max WS	TR30_02h	104.07	240.26	243.28	242.74	243.77	0.006803	3.12	33.87	18.74	0.66
Bisenzio	Bisenzio	509	Max WS	TR30_03h	132.31	240.26	243.52	243.04	244.16	0.007787	3.55	38.53	18.74	0.72
Bisenzio	Bisenzio	509	Max WS	TR30_04h	142.75	240.26	243.61	243.17	244.30	0.008053	3.68	40.24	18.74	0.73
Bisenzio	Bisenzio	509	Max WS	TR30_06h	142.66	240.26	243.61	243.16	244.30	0.008049	3.68	40.23	18.74	0.73
Bisenzio	Bisenzio	509	Max WS	TR30_09h	133.30	240.26	243.53	243.05	244.17	0.007813	3.56	38.70	18.74	0.72
Bisenzio	Bisenzio	509	Max WS	TR30_12h	123.15	240.26	243.45	242.93	244.04	0.007487	3.41	37.08	18.74	0.70
Bisenzio	Bisenzio	509	Max WS	TR200_01h	153.42	240.26	243.71	243.30	244.44	0.008278	3.81	41.97	18.74	0.74
Bisenzio	Bisenzio	509	Max WS	TR200_02h	258.71	240.26	244.53	244.22	245.65	0.009668	4.77	57.37	18.75	0.81
Bisenzio	Bisenzio	509	Max WS	TR200_03h	296.54	240.26	244.75	244.50	246.13	0.012950	5.25	60.70	14.78	0.78
Bisenzio	Bisenzio	509	Max WS	TR200_06h	275.94	240.26	244.63	244.35	245.82	0.009987	4.93	59.31	18.75	0.83
Bisenzio	Bisenzio	509	Max WS	TR200_09h	246.41	240.26	244.44	244.12	245.52	0.009541	4.68	55.73	18.75	0.81
Bisenzio	Bisenzio	509	Max WS	TR200_12h	221.29	240.26	244.25	243.93	245.24	0.009281	4.47	52.22	18.75	0.79
Bisenzio	Bisenzio	507	Max WS	TR30_01h	49.22	240.44								

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio	507	Max WS	TR200_09h	246.44	240.44	244.33	243.83	245.27	0.010384	4.31	57.18	18.03	0.70
Bisenzio	Bisenzio	507	Max WS	TR200_12h	221.31	240.44	244.14	243.64	245.00	0.009941	4.11	53.85	18.03	0.68
Bisenzio	Bisenzio	506	Max WS	TR30_01h	49.21	241.14	242.28	242.08	242.44	0.007033	1.76	27.99	36.32	0.64
Bisenzio	Bisenzio	506	Max WS	TR30_02h	104.06	241.14	242.77	242.46	243.03	0.006189	2.26	47.23	44.27	0.65
Bisenzio	Bisenzio	506	Max WS	TR30_03h	132.31	241.14	242.97	242.64	243.27	0.005960	2.45	56.36	46.66	0.65
Bisenzio	Bisenzio	506	Max WS	TR30_04h	142.79	241.14	243.04	242.70	243.36	0.005889	2.51	59.65	47.50	0.65
Bisenzio	Bisenzio	506	Max WS	TR30_06h	142.74	241.14	243.04	242.70	243.36	0.005889	2.51	59.63	47.49	0.65
Bisenzio	Bisenzio	506	Max WS	TR30_09h	133.41	241.14	242.98	242.64	243.28	0.005954	2.46	56.70	46.75	0.65
Bisenzio	Bisenzio	506	Max WS	TR30_12h	123.26	241.14	242.91	242.58	243.20	0.006021	2.39	53.49	45.93	0.65
Bisenzio	Bisenzio	506	Max WS	TR200_01h	153.41	241.14	243.11	242.76	243.44	0.005810	2.57	62.97	48.23	0.65
Bisenzio	Bisenzio	506	Max WS	TR200_02h	258.72	241.14	243.71	243.26	244.16	0.005272	3.04	92.06	48.24	0.66
Bisenzio	Bisenzio	506	Max WS	TR200_03h	296.96	241.14	243.90	243.41	244.40	0.005146	3.18	101.43	48.25	0.66
Bisenzio	Bisenzio	506	Max WS	TR200_06h	276.12	241.14	243.80	243.33	244.27	0.005209	3.11	96.40	48.25	0.66
Bisenzio	Bisenzio	506	Max WS	TR200_09h	246.62	241.14	243.65	243.21	244.09	0.005312	2.99	89.01	48.24	0.66
Bisenzio	Bisenzio	506	Max WS	TR200_12h	221.49	241.14	243.51	243.10	243.92	0.005414	2.89	82.46	48.24	0.66
Bisenzio	Bisenzio	504.5			Inl Struct									
Bisenzio	Bisenzio	504	Max WS	TR30_01h	49.20	237.30	241.14		241.16	0.000192	0.62	78.90	29.32	0.12
Bisenzio	Bisenzio	504	Max WS	TR30_02h	103.71	237.30	241.78		241.83	0.000456	1.05	98.82	34.19	0.19
Bisenzio	Bisenzio	504	Max WS	TR30_03h	131.89	237.30	242.10		242.18	0.000582	1.20	111.31	40.08	0.22
Bisenzio	Bisenzio	504	Max WS	TR30_04h	142.61	237.30	242.22		242.30	0.000598	1.25	116.15	40.91	0.22
Bisenzio	Bisenzio	504	Max WS	TR30_06h	142.68	237.30	242.25		242.32	0.000585	1.24	117.08	41.07	0.22
Bisenzio	Bisenzio	504	Max WS	TR30_09h	133.41	237.30	242.16		242.23	0.000559	1.19	113.63	40.48	0.21
Bisenzio	Bisenzio	504	Max WS	TR30_12h	123.26	237.30	242.07		242.13	0.000529	1.13	109.85	39.83	0.21
Bisenzio	Bisenzio	504	Max WS	TR200_01h	152.88	237.30	242.22		242.32	0.000686	1.34	116.23	40.93	0.24
Bisenzio	Bisenzio	504	Max WS	TR200_02h	257.89	237.30	243.28		243.42	0.000729	1.66	164.88	48.86	0.26
Bisenzio	Bisenzio	504	Max WS	TR200_03h	294.71	237.30	243.61		243.76	0.000732	1.75	181.02	49.71	0.26
Bisenzio	Bisenzio	504	Max WS	TR200_06h	276.06	237.30	243.50		243.64	0.000697	1.68	175.72	48.92	0.25
Bisenzio	Bisenzio	504	Max WS	TR200_09h	246.62	237.30	243.28		243.41	0.000667	1.59	164.84	48.86	0.25
Bisenzio	Bisenzio	504	Max WS	TR200_12h	221.49	237.30	243.06		243.17	0.000651	1.52	154.00	48.80	0.24
Bisenzio	Bisenzio	502	Max WS	TR30_01h	49.19	239.83	241.01		241.18	0.007093	1.85	26.57	31.85	0.65
Bisenzio	Bisenzio	502	Max WS	TR30_02h	103.64	239.83	241.60		241.85	0.005567	2.03	46.67	36.93	0.62
Bisenzio	Bisenzio	502	Max WS	TR30_03h	131.57	239.83	241.92		242.18	0.004471	2.26	59.15	40.69	0.57
Bisenzio	Bisenzio	502	Max WS	TR30_04h	142.57	239.83	242.05		242.31	0.004031	2.26	65.21	48.67	0.55
Bisenzio	Bisenzio	502	Max WS	TR30_06h	142.65	239.83	242.08		242.33	0.003832	2.22	66.48	48.93	0.54
Bisenzio	Bisenzio	502	Max WS	TR30_09h	133.40	239.83	242.00		242.24	0.003953	2.19	62.52	48.11	0.54
Bisenzio	Bisenzio	502	Max WS	TR30_12h	123.25	239.83	241.90		242.13	0.004131	2.15	58.10	40.39	0.55
Bisenzio	Bisenzio	502	Max WS	TR200_01h	152.85	239.83	242.05		242.34	0.004713	2.43	64.80	48.58	0.59
Bisenzio	Bisenzio	502	Max WS	TR200_02h	257.74	239.83	243.14		243.41	0.002288	2.36	122.66	55.43	0.45
Bisenzio	Bisenzio	502	Max WS	TR200_03h	294.62	239.83	243.49		243.75	0.001962	2.36	141.81	55.44	0.42
Bisenzio	Bisenzio	502	Max WS	TR200_06h	276.03	239.83	243.38		243.64	0.001949	2.30	135.93	55.44	0.42
Bisenzio	Bisenzio	502	Max WS	TR200_09h	246.62	239.83	243.16		243.40	0.002063	2.25	123.32	55.43	0.43
Bisenzio	Bisenzio	502	Max WS	TR200_12h	221.49	239.83	242.93		243.17	0.002271	2.23	110.55	55.43	0.44
Bisenzio	Bisenzio_V-Fiume	501	Max WS	TR30_01h	53.33	239.71	240.75		240.89	0.005918	1.65	32.35	40.39	0.59
Bisenzio	Bisenzio_V-Fiume	501	Max WS	TR30_02h	121.91	239.71	241.42		241.63	0.004352	2.01	60.80	44.77	0.55
Bisenzio	Bisenzio_V-Fiume	501	Max WS	TR30_03h	161.11	239.71	241.78		242.00	0.003455	2.08	79.27	53.74	0.51
Bisenzio	Bisenzio_V-Fiume	501	Max WS	TR30_04h	177.13	239.71	241.92		242.15	0.003163	2.17	87.00	54.00	0.49
Bisenzio	Bisenzio_V-Fiume	501	Max WS	TR30_06h	179.91	239.71	241.95		242.17	0.003116	2.10	88.35	54.05	0.49
Bisenzio	Bisenzio_V-Fiume	501	Max WS	TR30_09h	169.56	239.71	241.86		242.08	0.003293	2.09	83.37	53.88	0.50
Bisenzio	Bisenzio_V-Fiume	501	Max WS	TR30_12h	156.94	239.71	241.74		241.96	0.003540	2.07	77.24	53.67	0.51
Bisenzio	Bisenzio_V-Fiume	501	Max WS	TR200_01h	177.93	239.71	241.93		242.15	0.003149	2.10	87.40	54.01	0.49
Bisenzio	Bisenzio_V-Fiume	501	Max WS	TR200_02h	319.89	239.71	243.06		243.32	0.001976	2.28	149.92	58.16	0.42
Bisenzio	Bisenzio_V-Fiume	501	Max WS	TR200_03h	372.66	239.71	243.40		243.67	0.001845	2.37	169.47	58.22	0.42
Bisenzio	Bisenzio_V-Fiume	501	Max WS	TR200_06h	354.10	239.71	243.28		243.55	0.001880	2.34	162.90	58.20	0.42
Bisenzio	Bisenzio_V-Fiume	501	Max WS	TR200_09h	318.89	239.71	243.05		243.31	0.001980	2.28	149.51	58.16	0.42
Bisenzio	Bisenzio_V-Fiume	501	Max WS	TR200_12h	287.11	239.71	242.82		243.07	0.002107	2.23	136.37	55.99	0.43
Bisenzio	Bisenzio_V-Fiume	500	Max WS	TR30_01h	53.32	239.14	240.14		240.39	0.009551	2.25	23.73	25.76	0.75
Bisenzio	Bisenzio_V-Fiume	500	Max WS	TR30_02h	121.91	239.14	240.90		241.30	0.007177	2.80	43.47	26.26	0.70
Bisenzio	Bisenzio_V-Fiume	500	Max WS	TR30_03h	161.11	239.14	241.26		241.73	0.006655	3.03	53.14	26.50	0.68
Bisenzio	Bisenzio_V-Fiume	500	Max WS	TR30_04h	177.12	239.14	241.40		241.90	0.006500	3.11	56.88	26.60	0.68
Bisenzio	Bisenzio_V-Fiume	500	Max WS	TR30_06h	179.91	239.14	241.43		241.93	0.006476	3.13	57.52	26.61	0.68
Bisenzio	Bisenzio_V-Fiume	500	Max WS	TR30_09h	169.55	239.14	241.34		241.82	0.006568	3.08	55.13	26.55	0.68
Bisenzio	Bisenzio_V-Fiume	500	Max WS	TR30_12h	156.93	239.14	241.22		241.69	0.006697	3.01	52.16	26.48	0.68
Bisenzio	Bisenzio_V-Fiume	500	Max WS	TR200_01h	177.92	239.14	241.41		241.90	0.006495	3.12	57.06	26.60	0.68
Bisenzio	Bisenzio_V-Fiume	500	Max WS	TR200_02h	319.89	239.14	242.48		243.19	0.005910	3.72	85.98	27.31	0.67
Bisenzio	Bisenzio_V-Fiume	500	Max WS	TR200_03h	372.66	239.14	242.81		243.60	0.005870	3.92	95.18	29.41	0.67
Bisenzio	Bisenzio_V-Fiume	500	Max WS	TR200_06h	354.09	239.14	242.70		243.45	0.005905	3.86	91.86	28.25	0.67
Bisenzio	Bisenzio_V-Fiume	500	Max WS	TR200_09h	318.88	239.14	242.48		243.18	0.005910	3.72	85.81	27.30	0.67
Bisenzio	Bisenzio_V-Fiume	500	Max WS	TR200_12h	287.11	239.14	242.26		242.92	0.005924	3.59	80.06	27.16	0.67
Bisenzio	Bisenzio_V-Fiume	499	Max WS	TR30_01h	53.32	238.92	240.09	239.82	240.31	0.006715	2.04	26.15	25.15	0.64
Bisenzio	Bisenzio_V-Fiume	499	Max WS	TR30_02h	121.91	238.92	240.87	240.40	241.23	0.005863	2.66	45.89	25.80	0.64
Bisenzio	Bisenzio_V-Fiume	499	Max WS	TR30_03h	161.11	238.92	241.24	240.67	241.67	0.005654	2.90	55.47	26.11	0.64
Bisenzio	Bisenzio_V-Fiume	499	Max WS	TR30_04h	177.12	238.92	241.38	240.78	241.84	0.005591	2.99	59.18	26.23	0.64
Bisenzio	Bisenzio_V-Fiume	499	Max WS	TR30_06h	179.91	238.92	241.40	240.80	241.87	0.005579	3.01	59.82	26.25	0.64
Bisenzio	Bisenzio_V-Fiume	499	Max WS	TR30_09h	169.55	238.92	241.31	240.73	241.76	0.005619	2.95	57.44	26.18	0.64
Bisenzio	Bisenzio_V-Fiume	499	Max WS	TR30_12h	156.94	238.92	241.20	240.65	241.62	0.005671	2.88	54.50	26.08	0.64
Bisenzio	Bisenzio_V-Fiume	499	Max WS	TR200_01h	177.92	238.92	241.39	240.79	241.85	0.005587	3.00	59.36	26.24	0.64
Bisenzio	Bisenzio_V-Fiume	499	Max WS	TR200_02h	319.89	238.92	242.46	241.61	243.13	0.005390	3.63	88.06	27.15	0.64
Bisenzio	Bisenzio_V-Fiume	499	Max WS	TR200_03h	372.67	238.92	242.79	241.88	243.54	0.005426	3.84	97.10	29.29	0.65
Bisenzio	Bisenzio_V-Fiume	499	Max WS	TR200_06h	354.10	238.92	242.67	241.79	243.40	0.005437	3.77	93.84	27.93	0.65
Bisenzio	Bisenzio_V-Fiume	499	Max WS	TR200_09h	318.89	238.92	242.46	241.60	243.13	0.005387	3.63	87.89	27.14	0.64
Bisenzio	Bisenzio_V-Fiume	499	Max WS	TR200_12h	287.12	238.92	242.25	241.43	242.87	0.005354	3.49	82.18	26.96	0.64
Bisenzio	Bisenzio_V-Fiume	498.5												

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio_V-Fiume	498	Max WS	TR200_06h	354.10	238.04	242.16		242.95	0.006877	3.93	90.13	27.08	0.69
Bisenzio	Bisenzio_V-Fiume	498	Max WS	TR200_09h	318.89	238.04	241.96		242.68	0.006720	3.76	84.84	27.03	0.68
Bisenzio	Bisenzio_V-Fiume	498	Max WS	TR200_12h	287.12	238.04	241.78		242.44	0.006560	3.59	79.89	26.98	0.67
Bisenzio	Bisenzio_V-Fiume	497	Max WS	TR30_01h	53.26	237.84	239.47		239.64	0.005328	1.80	29.54	29.75	0.58
Bisenzio	Bisenzio_V-Fiume	497	Max WS	TR30_02h	121.88	237.84	240.28		240.53	0.003994	2.21	55.07	32.03	0.54
Bisenzio	Bisenzio_V-Fiume	497	Max WS	TR30_03h	161.11	237.84	240.63		240.93	0.003911	2.43	66.19	32.44	0.54
Bisenzio	Bisenzio_V-Fiume	497	Max WS	TR30_04h	177.14	237.84	240.75		241.08	0.003932	2.52	70.20	32.59	0.55
Bisenzio	Bisenzio_V-Fiume	497	Max WS	TR30_06h	179.98	237.84	240.77		241.10	0.003929	2.54	70.94	32.61	0.55
Bisenzio	Bisenzio_V-Fiume	497	Max WS	TR30_09h	169.63	237.84	240.70		241.01	0.003910	2.48	68.41	32.52	0.55
Bisenzio	Bisenzio_V-Fiume	497	Max WS	TR30_12h	157.01	237.84	240.60		240.89	0.003890	2.41	65.22	32.40	0.54
Bisenzio	Bisenzio_V-Fiume	497	Max WS	TR200_01h	177.88	237.84	240.76		241.08	0.003944	2.53	70.32	32.59	0.55
Bisenzio	Bisenzio_V-Fiume	497	Max WS	TR200_02h	319.85	237.84	241.63		242.16	0.004392	3.22	99.22	33.62	0.60
Bisenzio	Bisenzio_V-Fiume	497	Max WS	TR200_03h	372.69	237.84	241.90		242.50	0.004543	3.44	108.45	33.94	0.61
Bisenzio	Bisenzio_V-Fiume	497	Max WS	TR200_06h	354.25	237.84	241.81		242.39	0.004471	3.36	105.45	33.84	0.61
Bisenzio	Bisenzio_V-Fiume	497	Max WS	TR200_09h	319.04	237.84	241.63		242.15	0.004374	3.22	99.19	33.62	0.60
Bisenzio	Bisenzio_V-Fiume	497	Max WS	TR200_12h	287.26	237.84	241.45		241.94	0.004267	3.08	93.39	33.42	0.59
Bisenzio	Bisenzio_V-Fiume	495	Max WS	TR30_01h	53.18	236.36	238.96		239.08	0.002387	1.58	38.13	30.63	0.40
Bisenzio	Bisenzio_V-Fiume	495	Max WS	TR30_02h	121.86	236.36	239.80		240.01	0.002649	2.13	67.28	36.03	0.45
Bisenzio	Bisenzio_V-Fiume	495	Max WS	TR30_03h	161.12	236.36	240.10		240.36	0.002990	2.44	78.12	38.19	0.49
Bisenzio	Bisenzio_V-Fiume	495	Max WS	TR30_04h	177.19	236.36	240.20		240.49	0.003106	2.56	82.31	39.59	0.50
Bisenzio	Bisenzio_V-Fiume	495	Max WS	TR30_06h	180.11	236.36	240.22		240.52	0.003119	2.58	83.13	39.86	0.50
Bisenzio	Bisenzio_V-Fiume	495	Max WS	TR30_09h	169.77	236.36	240.16		240.43	0.003047	2.50	80.44	38.97	0.50
Bisenzio	Bisenzio_V-Fiume	495	Max WS	TR30_12h	155.97	236.36	240.08		240.33	0.002882	2.38	77.37	37.93	0.48
Bisenzio	Bisenzio_V-Fiume	495	Max WS	TR200_01h	177.81	236.36	240.21		240.50	0.003121	2.57	82.37	39.61	0.50
Bisenzio	Bisenzio_V-Fiume	495	Max WS	TR200_02h	319.85	236.36	240.97		241.49	0.004072	3.47	115.09	45.71	0.60
Bisenzio	Bisenzio_V-Fiume	495	Max WS	TR200_03h	372.78	236.36	241.22		241.82	0.004316	3.74	126.74	48.08	0.62
Bisenzio	Bisenzio_V-Fiume	495	Max WS	TR200_06h	354.53	236.36	241.15		241.71	0.004194	3.64	123.12	47.11	0.61
Bisenzio	Bisenzio_V-Fiume	495	Max WS	TR200_09h	319.33	236.36	240.97		241.49	0.004054	3.46	115.14	45.71	0.60
Bisenzio	Bisenzio_V-Fiume	495	Max WS	TR200_12h	287.53	236.36	240.82		241.28	0.003776	3.25	108.54	43.48	0.57
Bisenzio	Bisenzio_V-Fiume	494	Max WS	TR30_01h	53.17	236.13	238.94		239.05	0.001599	1.51	37.24	31.74	0.33
Bisenzio	Bisenzio_V-Fiume	494	Max WS	TR30_02h	121.87	236.13	239.76		239.99	0.002268	2.24	67.17	37.99	0.42
Bisenzio	Bisenzio_V-Fiume	494	Max WS	TR30_03h	161.12	236.13	240.04		240.34	0.002699	2.60	78.05	38.42	0.46
Bisenzio	Bisenzio_V-Fiume	494	Max WS	TR30_04h	177.19	236.13	240.14		240.48	0.002864	2.73	82.04	38.58	0.48
Bisenzio	Bisenzio_V-Fiume	494	Max WS	TR30_06h	180.11	236.13	240.16		240.50	0.002886	2.76	82.82	38.61	0.48
Bisenzio	Bisenzio_V-Fiume	494	Max WS	TR30_09h	169.78	236.13	240.10		240.42	0.002784	2.67	80.28	38.51	0.47
Bisenzio	Bisenzio_V-Fiume	494	Max WS	TR30_12h	155.98	236.13	240.02		240.31	0.002586	2.53	77.40	38.40	0.45
Bisenzio	Bisenzio_V-Fiume	494	Max WS	TR200_01h	177.81	236.13	240.15		240.48	0.002879	2.74	82.09	38.58	0.48
Bisenzio	Bisenzio_V-Fiume	494	Max WS	TR200_02h	319.85	236.13	240.88		241.47	0.004145	3.76	110.88	40.30	0.60
Bisenzio	Bisenzio_V-Fiume	494	Max WS	TR200_03h	372.79	236.13	241.11		241.83	0.004683	4.15	120.46	46.96	0.64
Bisenzio	Bisenzio_V-Fiume	494	Max WS	TR200_06h	354.55	236.13	241.05		241.70	0.004332	3.95	117.67	40.81	0.62
Bisenzio	Bisenzio_V-Fiume	494	Max WS	TR200_09h	319.35	236.13	240.88		241.47	0.004126	3.75	110.94	40.30	0.60
Bisenzio	Bisenzio_V-Fiume	494	Max WS	TR200_12h	287.55	236.13	240.73		241.27	0.003866	3.55	104.98	39.84	0.58
Bisenzio	Bisenzio_V-Fiume	492	Max WS	TR30_01h	53.17	236.58	238.86		239.00	0.002556	1.69	33.14	23.78	0.42
Bisenzio	Bisenzio_V-Fiume	492	Max WS	TR30_02h	121.86	236.58	239.61		239.91	0.004379	2.46	53.00	29.60	0.57
Bisenzio	Bisenzio_V-Fiume	492	Max WS	TR30_03h	161.12	236.58	239.89		240.27	0.005130	2.80	61.97	41.63	0.62
Bisenzio	Bisenzio_V-Fiume	492	Max WS	TR30_04h	177.20	236.58	239.99		240.41	0.005261	2.93	66.21	42.74	0.64
Bisenzio	Bisenzio_V-Fiume	492	Max WS	TR30_06h	180.13	236.58	240.01		240.43	0.005269	2.95	67.03	42.85	0.64
Bisenzio	Bisenzio_V-Fiume	492	Max WS	TR30_09h	169.80	236.58	239.95		240.35	0.005188	2.87	64.35	42.48	0.63
Bisenzio	Bisenzio_V-Fiume	492	Max WS	TR30_12h	157.19	236.58	239.87		240.24	0.005062	2.76	61.11	36.82	0.62
Bisenzio	Bisenzio_V-Fiume	492	Max WS	TR200_01h	177.79	236.58	239.99		240.41	0.005288	2.94	66.25	42.74	0.64
Bisenzio	Bisenzio_V-Fiume	492	Max WS	TR200_02h	319.85	236.58	240.71		241.39	0.006069	3.81	98.62	46.98	0.72
Bisenzio	Bisenzio_V-Fiume	492	Max WS	TR200_03h	372.81	236.58	240.95		241.70	0.006163	4.05	109.90	48.33	0.73
Bisenzio	Bisenzio_V-Fiume	492	Max WS	TR200_06h	354.60	236.58	240.88		241.60	0.006049	3.95	106.61	47.82	0.72
Bisenzio	Bisenzio_V-Fiume	492	Max WS	TR200_09h	319.40	236.58	240.71		241.39	0.006038	3.80	98.71	46.99	0.72
Bisenzio	Bisenzio_V-Fiume	492	Max WS	TR200_12h	287.59	236.58	240.57		241.19	0.005940	3.64	91.82	46.38	0.70
Bisenzio	Bisenzio_V-Fiume	491	Max WS	TR30_01h	53.17	236.65	238.72	238.00	238.91	0.003248	2.03	31.11	30.52	0.47
Bisenzio	Bisenzio_V-Fiume	491	Max WS	TR30_02h	121.90	236.65	239.40	239.00	239.78	0.004627	2.97	56.80	43.78	0.59
Bisenzio	Bisenzio_V-Fiume	491	Max WS	TR30_03h	161.32	236.65	239.66	239.34	240.13	0.005308	3.39	68.63	48.66	0.64
Bisenzio	Bisenzio_V-Fiume	491	Max WS	TR30_04h	177.57	236.65	239.75	239.46	240.25	0.005547	3.54	73.32	51.37	0.66
Bisenzio	Bisenzio_V-Fiume	491	Max WS	TR30_06h	180.71	236.65	239.77	239.48	240.28	0.005586	3.57	74.26	53.72	0.66
Bisenzio	Bisenzio_V-Fiume	491	Max WS	TR30_09h	170.32	236.65	239.71	239.41	240.20	0.005447	3.47	71.22	50.25	0.65
Bisenzio	Bisenzio_V-Fiume	491	Max WS	TR30_12h	157.67	236.65	239.64	239.31	240.10	0.005249	3.35	67.59	48.00	0.63
Bisenzio	Bisenzio_V-Fiume	491	Max WS	TR200_01h	177.82	236.65	239.76	239.46	240.26	0.005550	3.54	73.39	51.41	0.66
Bisenzio	Bisenzio_V-Fiume	491	Max WS	TR200_02h	320.10	236.65	240.43	240.28	241.17	0.006936	4.54	113.73	67.83	0.76
Bisenzio	Bisenzio_V-Fiume	491	Max WS	TR200_03h	373.56	236.65	240.64	240.32	241.49	0.007571	4.92	128.57	72.66	0.80
Bisenzio	Bisenzio_V-Fiume	491	Max WS	TR200_06h	355.66	236.65	240.57	240.32	241.41	0.007574	4.87	123.49	72.18	0.80
Bisenzio	Bisenzio_V-Fiume	491	Max WS	TR200_09h	320.36	236.65	240.43	240.28	241.17	0.006939	4.54	113.80	67.83	0.76
Bisenzio	Bisenzio_V-Fiume	491	Max WS	TR200_12h	288.44	236.65	240.30	240.16	240.98	0.006565	4.31	104.91	63.01	0.73
Bisenzio	Bisenzio_V-Fiume	489.5			Inl Struct									
Bisenzio	Bisenzio_V-Fiume	489	Max WS	TR30_01h	53.16	235.03	237.19		237.35	0.003091	1.76	30.15	17.87	0.43
Bisenzio	Bisenzio_V-Fiume	489	Max WS	TR30_02h	121.89	235.03	238.06		238.42	0.004462	2.65	46.04	18.53	0.54
Bisenzio	Bisenzio_V-Fiume	489	Max WS	TR30_03h	161.32	235.03	238.45		238.91	0.004887	3.00	56.12	28.95	0.57
Bisenzio	Bisenzio_V-Fiume	489	Max WS	TR30_04h	177.56	235.03	238.59		239.08	0.005003	3.12	60.30	29.39	0.58
Bisenzio	Bisenzio_V-Fiume	489	Max WS	TR30_06h	180.71	235.03	238.62		239.12	0.005020	3.15	61.10	29.47	0.58
Bisenzio	Bisenzio_V-Fiume	489	Max WS	TR30_09h	170.32	235.03	238.53		239.01	0.004948	3.07	58.48	29.20	0.58
Bisenzio	Bisenzio_V-Fiume	489	Max WS	TR30_12h	157.67	235.03	238.42		238.87	0.004853	2.97	55.18	28.85	0.57
Bisenzio	Bisenzio_V-Fiume	489	Max WS	TR200_01h	177.79	235.03	238.60		239.09	0.005009	3.13	60.33	29.39	0.58
Bisenzio	Bisenzio_V-Fiume	489	Max WS	TR200_02h	320.08	235.03	239.60		240.31	0.005221	3.87	101.91	55.76	0.62
Bisenzio	Bisenzio_V-Fiume	489	Max WS	TR200_03h	373.53	235.03	239.91	239.30	240.64	0.005121	4.03	121.58	74.78	0.62
Bisenzio	Bisenzio_V-Fiume	489	Max WS	TR200_06h	355.66	235.03	239.82		240.54	0.005144	3.98	114.84	67.22	0.62
Bisenzio	Bisenzio_V-Fiume	489	Max WS	TR200_09h	320.36	235.03	239.61		240.31	0.005211</				

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio_V-Fiume	488	Max WS	TR200_09h	320.58	234.77	238.84		239.86	0.008294	4.60	75.43	26.90	0.84
Bisenzio	Bisenzio_V-Fiume	488	Max WS	TR200_12h	288.65	234.77	238.65		239.60	0.008180	4.43	70.37	26.56	0.83
Bisenzio	Bisenzio_V-Fiume	487	Max WS	TR30_01h	53.14	234.27	236.17		236.39	0.005493	2.08	25.60	20.89	0.60
Bisenzio	Bisenzio_V-Fiume	487	Max WS	TR30_02h	121.76	234.27	236.95		237.36	0.006123	2.84	42.87	23.34	0.67
Bisenzio	Bisenzio_V-Fiume	487	Max WS	TR30_03h	161.33	234.27	237.29		237.80	0.006407	3.16	51.10	24.42	0.70
Bisenzio	Bisenzio_V-Fiume	487	Max WS	TR30_04h	177.61	234.27	237.42		237.97	0.006505	3.27	54.29	24.83	0.71
Bisenzio	Bisenzio_V-Fiume	487	Max WS	TR30_06h	180.87	234.27	237.45		238.00	0.006520	3.29	54.93	24.91	0.71
Bisenzio	Bisenzio_V-Fiume	487	Max WS	TR30_09h	170.49	234.27	237.37		237.90	0.006457	3.22	52.93	24.65	0.70
Bisenzio	Bisenzio_V-Fiume	487	Max WS	TR30_12h	157.84	234.27	237.27		237.77	0.006377	3.13	50.43	24.33	0.69
Bisenzio	Bisenzio_V-Fiume	487	Max WS	TR200_01h	177.76	234.27	237.42		237.97	0.006510	3.27	54.31	24.83	0.71
Bisenzio	Bisenzio_V-Fiume	487	Max WS	TR200_02h	320.05	234.27	238.32		239.14	0.006884	4.05	84.67	41.87	0.76
Bisenzio	Bisenzio_V-Fiume	487	Max WS	TR200_03h	373.60	234.27	238.59		239.49	0.006943	4.26	95.96	42.60	0.77
Bisenzio	Bisenzio_V-Fiume	487	Max WS	TR200_06h	355.99	234.27	238.50		239.38	0.006918	4.20	92.37	42.37	0.77
Bisenzio	Bisenzio_V-Fiume	487	Max WS	TR200_09h	320.70	234.27	238.33		239.15	0.006876	4.05	84.86	41.88	0.76
Bisenzio	Bisenzio_V-Fiume	487	Max WS	TR200_12h	288.76	234.27	238.15		238.93	0.006840	3.92	77.65	41.41	0.75
Bisenzio	Bisenzio_V-Fiume	486	Max WS	TR30_01h	53.10	233.85	235.27		235.45	0.004821	1.85	28.66	25.35	0.56
Bisenzio	Bisenzio_V-Fiume	486	Max WS	TR30_02h	121.63	233.85	235.97		236.31	0.005398	2.59	46.92	26.78	0.63
Bisenzio	Bisenzio_V-Fiume	486	Max WS	TR30_03h	161.34	233.85	236.27		236.71	0.005778	2.93	55.14	27.40	0.66
Bisenzio	Bisenzio_V-Fiume	486	Max WS	TR30_04h	177.66	233.85	236.39		236.86	0.005914	3.05	58.28	27.63	0.67
Bisenzio	Bisenzio_V-Fiume	486	Max WS	TR30_06h	181.01	233.85	236.41		236.89	0.005935	3.07	58.93	27.68	0.67
Bisenzio	Bisenzio_V-Fiume	486	Max WS	TR30_09h	170.63	233.85	236.34		236.80	0.005852	3.00	56.96	27.54	0.67
Bisenzio	Bisenzio_V-Fiume	486	Max WS	TR30_12h	157.99	233.85	236.25		236.68	0.005743	2.90	54.50	27.35	0.66
Bisenzio	Bisenzio_V-Fiume	486	Max WS	TR200_01h	177.73	233.85	236.39		236.86	0.005916	3.05	58.28	27.63	0.67
Bisenzio	Bisenzio_V-Fiume	486	Max WS	TR200_02h	320.04	233.85	237.25		237.99	0.006082	3.84	87.44	40.53	0.72
Bisenzio	Bisenzio_V-Fiume	486	Max WS	TR200_03h	373.67	233.85	237.50		238.34	0.006205	4.10	97.83	42.91	0.73
Bisenzio	Bisenzio_V-Fiume	486	Max WS	TR200_06h	356.28	233.85	237.42		238.23	0.006158	4.02	94.55	42.18	0.73
Bisenzio	Bisenzio_V-Fiume	486	Max WS	TR200_09h	321.01	233.85	237.25		238.00	0.006079	3.85	87.66	40.59	0.72
Bisenzio	Bisenzio_V-Fiume	486	Max WS	TR200_12h	289.05	233.85	237.09		237.78	0.006040	3.69	81.07	39.00	0.71
Bisenzio	Bisenzio_V-Fiume	485	Max WS	TR30_01h	53.08	233.20	234.99	234.11	235.05	0.001158	1.06	50.20	35.77	0.29
Bisenzio	Bisenzio_V-Fiume	485	Max WS	TR30_02h	120.82	233.20	235.63	234.61	235.77	0.001822	1.23	73.98	38.30	0.38
Bisenzio	Bisenzio_V-Fiume	485	Max WS	TR30_03h	161.34	233.20	235.89	234.86	236.08	0.002149	1.90	88.82	56.26	0.41
Bisenzio	Bisenzio_V-Fiume	485	Max WS	TR30_04h	177.69	233.20	235.99	234.95	236.19	0.002248	2.00	94.29	57.77	0.43
Bisenzio	Bisenzio_V-Fiume	485	Max WS	TR30_06h	181.11	233.20	236.01	234.97	236.21	0.002268	2.01	95.42	58.07	0.43
Bisenzio	Bisenzio_V-Fiume	485	Max WS	TR30_09h	170.74	233.20	235.95	234.91	236.14	0.002207	1.96	91.98	57.14	0.42
Bisenzio	Bisenzio_V-Fiume	485	Max WS	TR30_12h	158.10	233.20	235.87	234.84	236.05	0.002130	1.88	87.69	55.94	0.41
Bisenzio	Bisenzio_V-Fiume	485	Max WS	TR200_01h	177.70	233.20	235.99	234.95	236.19	0.002248	2.00	94.29	57.77	0.43
Bisenzio	Bisenzio_V-Fiume	485	Max WS	TR200_02h	320.03	233.20	236.68	235.63	237.01	0.002785	2.62	135.55	61.05	0.49
Bisenzio	Bisenzio_V-Fiume	485	Max WS	TR200_03h	373.72	233.20	236.90	235.93	237.28	0.002908	2.82	149.11	62.66	0.51
Bisenzio	Bisenzio_V-Fiume	485	Max WS	TR200_06h	356.50	233.20	236.83	235.85	237.20	0.002872	2.76	144.83	62.18	0.51
Bisenzio	Bisenzio_V-Fiume	485	Max WS	TR200_09h	321.24	233.20	236.69	235.63	237.02	0.002789	2.63	135.85	61.08	0.49
Bisenzio	Bisenzio_V-Fiume	485	Max WS	TR200_12h	289.28	233.20	236.55	235.49	236.85	0.002706	2.51	127.45	60.23	0.48
Bisenzio	Bisenzio_V-Fiume	483.5			Ini Struct									
Bisenzio	Bisenzio_V-Fiume	483	Max WS	TR30_01h	53.01	228.75	230.99		231.02	0.000389	0.75	70.53	34.52	0.17
Bisenzio	Bisenzio_V-Fiume	483	Max WS	TR30_02h	122.10	228.75	231.97		232.04	0.000607	1.16	105.39	36.58	0.22
Bisenzio	Bisenzio_V-Fiume	483	Max WS	TR30_03h	161.34	228.75	232.38		232.47	0.000702	1.34	120.53	37.15	0.24
Bisenzio	Bisenzio_V-Fiume	483	Max WS	TR30_04h	177.68	228.75	232.54		232.64	0.000733	1.40	126.56	37.37	0.24
Bisenzio	Bisenzio_V-Fiume	483	Max WS	TR30_06h	181.11	228.75	232.57		232.68	0.000739	1.42	127.81	37.41	0.24
Bisenzio	Bisenzio_V-Fiume	483	Max WS	TR30_09h	170.74	228.75	232.47		232.57	0.000720	1.38	124.05	37.27	0.24
Bisenzio	Bisenzio_V-Fiume	483	Max WS	TR30_12h	158.11	228.75	232.35		232.44	0.000694	1.32	119.38	37.10	0.24
Bisenzio	Bisenzio_V-Fiume	483	Max WS	TR200_01h	177.66	228.75	232.54		232.64	0.000734	1.40	126.53	37.37	0.24
Bisenzio	Bisenzio_V-Fiume	483	Max WS	TR200_02h	320.03	228.75	233.86		234.03	0.000869	1.80	177.65	39.71	0.27
Bisenzio	Bisenzio_V-Fiume	483	Max WS	TR200_03h	373.72	228.75	234.10		234.30	0.001013	2.00	187.12	39.96	0.29
Bisenzio	Bisenzio_V-Fiume	483	Max WS	TR200_06h	356.50	228.75	234.02		234.21	0.000970	1.94	184.03	39.93	0.29
Bisenzio	Bisenzio_V-Fiume	483	Max WS	TR200_09h	321.23	228.75	233.87		234.04	0.000871	1.81	177.93	39.72	0.27
Bisenzio	Bisenzio_V-Fiume	483	Max WS	TR200_12h	289.27	228.75	233.73		233.87	0.000776	1.68	172.43	39.53	0.26
Bisenzio	Bisenzio_V-Fiume	482.8			Lat Struct									
Bisenzio	Bisenzio_V-Fiume	482	Max WS	TR30_01h	53.00	228.82	230.90		230.96	0.001201	1.10	48.00	32.36	0.29
Bisenzio	Bisenzio_V-Fiume	482	Max WS	TR30_02h	122.13	228.82	231.84		231.97	0.001359	1.55	78.67	33.15	0.32
Bisenzio	Bisenzio_V-Fiume	482	Max WS	TR30_03h	161.34	228.82	232.23		232.39	0.001471	1.76	91.61	33.19	0.34
Bisenzio	Bisenzio_V-Fiume	482	Max WS	TR30_04h	177.69	228.82	232.39		232.56	0.001505	1.84	96.74	33.19	0.34
Bisenzio	Bisenzio_V-Fiume	482	Max WS	TR30_06h	181.16	228.82	232.42		232.59	0.001512	1.85	97.80	33.19	0.34
Bisenzio	Bisenzio_V-Fiume	482	Max WS	TR30_09h	170.80	228.82	232.32		232.49	0.001492	1.81	94.59	33.19	0.34
Bisenzio	Bisenzio_V-Fiume	482	Max WS	TR30_12h	158.17	228.82	232.20		232.36	0.001463	1.75	90.62	33.19	0.34
Bisenzio	Bisenzio_V-Fiume	482	Max WS	TR200_01h	177.65	228.82	232.39		232.56	0.001505	1.84	96.72	33.19	0.34
Bisenzio	Bisenzio_V-Fiume	482	Max WS	TR200_02h	320.02	228.82	233.68		233.94	0.001565	2.27	142.43	39.75	0.36
Bisenzio	Bisenzio_V-Fiume	482	Max WS	TR200_03h	373.62	228.82	233.88		234.21	0.001818	2.52	150.55	39.98	0.39
Bisenzio	Bisenzio_V-Fiume	482	Max WS	TR200_06h	356.57	228.82	233.82		234.12	0.001744	2.45	147.85	39.90	0.38
Bisenzio	Bisenzio_V-Fiume	482	Max WS	TR200_09h	321.38	228.82	233.68		233.95	0.001571	2.28	142.66	39.76	0.36
Bisenzio	Bisenzio_V-Fiume	482	Max WS	TR200_12h	289.41	228.82	233.57		233.80	0.001401	2.12	138.02	39.63	0.34
Bisenzio	Bisenzio_V-Fiume	481	Max WS	TR30_01h	53.00	228.54	230.87		230.93	0.000809	1.02	52.14	28.75	0.24
Bisenzio	Bisenzio_V-Fiume	481	Max WS	TR30_02h	122.01	228.54	231.81		231.92	0.001191	1.52	80.40	32.16	0.31
Bisenzio	Bisenzio_V-Fiume	481	Max WS	TR30_03h	161.34	228.54	232.19		232.34	0.001363	1.73	93.10	33.70	0.33
Bisenzio	Bisenzio_V-Fiume	481	Max WS	TR30_04h	177.70	228.54	232.34		232.51	0.001432	1.81	98.31	34.68	0.34
Bisenzio	Bisenzio_V-Fiume	481	Max WS	TR30_06h	181.18	228.54	232.38		232.54	0.001467	1.82	99.41	35.29	0.35
Bisenzio	Bisenzio_V-Fiume	481	Max WS	TR30_09h	170.83	228.54	232.28		232.44	0.001394	1.78	96.12	34.05	0.34
Bisenzio	Bisenzio_V-Fiume	481	Max WS	TR30_12h	158.20	228.54	232.16		232.31	0.001352	1.72	92.10	33.58	0.33
Bisenzio	Bisenzio_V-Fiume	481	Max WS	TR200_01h	177.65	228.54	232.34		232.51	0.001432	1.81	98.29	34.67	0.34
Bisenzio	Bisenzio_V-Fiume	481	Max WS	TR200_02h	312.41	228.54	233.67		233.88	0.001208	2.07	163.88	53.34	0.33
Bisenzio	Bisenzio_V-Fiume	481	Max WS	TR200_03h	362.70	228.54	233.89		234.14	0.001361	2.26	175.26	53.65	0.35
Bisenzio	Bisenzio_V-Fiume	481	Max WS	TR200_06h	346.85	228.54	233.82		234.05	0.001320	2.21	171.45	53.55	0.34
Bisenzio	Bisenzio_V-Fiume	481	Max WS	TR200_09h	313.74	228.54	233.68		233.89	0.001212	2.07	164.19	53.35	0.33
Bisenzio	Bisenzio_V-Fiume	481</												

HEC-RAS Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
					(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
Bisenzio	Bisenzio_V-Fiume	480	Max WS	TR200_06h	340.17	228.26	233.56	231.79	234.00	0.003053	2.92	116.71	31.75	0.47
Bisenzio	Bisenzio_V-Fiume	480	Max WS	TR200_09h	308.40	228.26	233.46	231.64	233.83	0.002735	2.72	113.47	30.09	0.44
Bisenzio	Bisenzio_V-Fiume	480	Max WS	TR200_12h	279.13	228.26	233.37	231.48	233.69	0.002180	2.51	110.99	29.51	0.40
Bisenzio	Bisenzio_V-Fiume	479		Bridge										
Bisenzio	Bisenzio_V-Fiume	478	Max WS	TR30_01h	52.99	228.25	230.15	230.28	230.79	0.024088	3.53	15.03	18.81	1.17
Bisenzio	Bisenzio_V-Fiume	478	Max WS	TR30_02h	121.90	228.25	230.89	231.05	231.75	0.022473	4.10	29.70	26.36	1.18
Bisenzio	Bisenzio_V-Fiume	478	Max WS	TR30_03h	161.34	228.25	231.19	231.34	232.14	0.021593	4.31	37.45	30.47	1.17
Bisenzio	Bisenzio_V-Fiume	478	Max WS	TR30_04h	177.70	228.25	231.30	231.45	232.29	0.020673	4.41	40.27	30.99	1.15
Bisenzio	Bisenzio_V-Fiume	478	Max WS	TR30_06h	181.20	228.25	231.32	231.47	232.32	0.020497	4.43	40.86	31.10	1.15
Bisenzio	Bisenzio_V-Fiume	478	Max WS	TR30_09h	170.85	228.25	231.25	231.40	232.23	0.021017	4.37	39.11	30.78	1.16
Bisenzio	Bisenzio_V-Fiume	478	Max WS	TR30_12h	158.22	228.25	231.17	231.32	232.11	0.021794	4.29	36.91	30.37	1.17
Bisenzio	Bisenzio_V-Fiume	478	Max WS	TR200_01h	177.64	228.25	231.30	231.45	232.29	0.020700	4.41	40.24	30.99	1.15
Bisenzio	Bisenzio_V-Fiume	478	Max WS	TR200_02h	307.08	228.25	232.05	232.17	233.36	0.016411	5.07	60.52	35.78	1.08
Bisenzio	Bisenzio_V-Fiume	478	Max WS	TR200_03h	355.23	228.25	232.30	232.41	233.72	0.015606	5.28	67.28	35.83	1.07
Bisenzio	Bisenzio_V-Fiume	478	Max WS	TR200_06h	340.17	228.25	232.22	232.33	233.61	0.015815	5.22	65.23	35.82	1.07
Bisenzio	Bisenzio_V-Fiume	478	Max WS	TR200_09h	308.40	228.25	232.06	232.18	233.37	0.016344	5.08	60.76	35.78	1.08
Bisenzio	Bisenzio_V-Fiume	478	Max WS	TR200_12h	279.14	228.25	231.90	232.03	233.14	0.016957	4.94	56.49	35.75	1.09
Bisenzio	Bisenzio_V-Fiume	477.8		Lat Struct										
Bisenzio	Bisenzio_V-Fiume	477	Max WS	TR30_01h	52.98	227.25	228.79		229.06	0.006942	2.28	23.22	19.77	0.67
Bisenzio	Bisenzio_V-Fiume	477	Max WS	TR30_02h	121.88	227.25	229.60		230.06	0.007179	2.98	40.94	23.77	0.72
Bisenzio	Bisenzio_V-Fiume	477	Max WS	TR30_03h	161.34	227.25	229.95		230.49	0.007476	3.27	50.10	36.66	0.75
Bisenzio	Bisenzio_V-Fiume	477	Max WS	TR30_04h	177.72	227.25	230.06		230.64	0.007564	3.38	54.51	40.35	0.76
Bisenzio	Bisenzio_V-Fiume	477	Max WS	TR30_06h	181.25	227.25	230.08		230.67	0.007568	3.41	55.47	40.77	0.76
Bisenzio	Bisenzio_V-Fiume	477	Max WS	TR30_09h	170.91	227.25	230.01		230.58	0.007532	3.33	52.72	39.56	0.76
Bisenzio	Bisenzio_V-Fiume	477	Max WS	TR30_12h	158.30	227.25	229.92		230.46	0.007430	3.24	49.33	34.78	0.75
Bisenzio	Bisenzio_V-Fiume	477	Max WS	TR200_01h	177.60	227.25	230.06		230.64	0.007577	3.38	54.43	40.32	0.76
Bisenzio	Bisenzio_V-Fiume	477	Max WS	TR200_02h	310.03	227.25	230.85		231.59	0.007084	3.93	90.78	48.59	0.77
Bisenzio	Bisenzio_V-Fiume	477	Max WS	TR200_03h	361.78	227.25	231.11		231.89	0.006854	4.06	103.83	49.51	0.77
Bisenzio	Bisenzio_V-Fiume	477	Max WS	TR200_06h	345.75	227.25	231.04		231.80	0.006905	4.02	99.95	49.24	0.77
Bisenzio	Bisenzio_V-Fiume	477	Max WS	TR200_09h	311.83	227.25	230.86		231.60	0.007047	3.93	91.39	48.64	0.77
Bisenzio	Bisenzio_V-Fiume	477	Max WS	TR200_12h	280.54	227.25	230.69		231.41	0.007176	3.83	83.27	48.06	0.77
Bisenzio	Bisenzio_V-Fiume	476.50	Max WS	TR30_01h	52.97	226.51	228.14		228.44	0.008866	2.44	21.73	19.77	0.74
Bisenzio	Bisenzio_V-Fiume	476.50	Max WS	TR30_02h	121.84	226.51	228.98		229.42	0.008125	2.94	41.50	27.51	0.75
Bisenzio	Bisenzio_V-Fiume	476.50	Max WS	TR30_03h	161.33	226.51	229.30		229.81	0.007884	3.17	53.85	43.06	0.75
Bisenzio	Bisenzio_V-Fiume	476.50	Max WS	TR30_04h	177.71	226.51	229.41		229.94	0.007701	3.25	58.97	46.97	0.75
Bisenzio	Bisenzio_V-Fiume	476.50	Max WS	TR30_06h	181.30	226.51	229.44		229.97	0.007651	3.27	60.16	47.64	0.75
Bisenzio	Bisenzio_V-Fiume	476.50	Max WS	TR30_09h	170.97	226.51	229.37		229.89	0.007754	3.22	56.90	45.76	0.75
Bisenzio	Bisenzio_V-Fiume	476.50	Max WS	TR30_12h	158.38	226.51	229.28		229.78	0.007897	3.15	53.00	42.99	0.75
Bisenzio	Bisenzio_V-Fiume	476.50	Max WS	TR200_01h	177.51	226.51	229.41		229.94	0.007722	3.26	58.85	46.89	0.75
Bisenzio	Bisenzio_V-Fiume	476.50	Max WS	TR200_02h	319.53	226.51	230.27		230.85	0.006013	3.60	111.49	66.59	0.70
Bisenzio	Bisenzio_V-Fiume	476.50	Max WS	TR200_03h	373.24	226.51	230.58		231.15	0.005287	3.59	132.65	67.66	0.66
Bisenzio	Bisenzio_V-Fiume	476.50	Max WS	TR200_06h	356.87	226.51	230.49		231.06	0.005458	3.59	126.50	67.35	0.67
Bisenzio	Bisenzio_V-Fiume	476.50	Max WS	TR200_09h	321.73	226.51	230.28		230.87	0.005941	3.59	112.65	66.65	0.69
Bisenzio	Bisenzio_V-Fiume	476.50	Max WS	TR200_12h	289.74	226.51	230.10		230.69	0.006419	3.58	100.19	66.04	0.71
Bisenzio	Bisenzio_V-Fiume	476	Max WS	TR30_01h	52.96	225.76	227.51		227.79	0.006648	2.36	22.45	17.07	0.66
Bisenzio	Bisenzio_V-Fiume	476	Max WS	TR30_02h	121.81	225.76	228.36		228.84	0.006858	3.08	43.17	33.78	0.71
Bisenzio	Bisenzio_V-Fiume	476	Max WS	TR30_03h	161.32	225.76	228.71		229.23	0.006411	3.32	57.12	44.08	0.71
Bisenzio	Bisenzio_V-Fiume	476	Max WS	TR30_04h	177.71	225.76	228.83		229.38	0.006258	3.41	62.77	45.04	0.70
Bisenzio	Bisenzio_V-Fiume	476	Max WS	TR30_06h	181.33	225.76	228.86		229.41	0.006208	3.42	64.08	45.26	0.70
Bisenzio	Bisenzio_V-Fiume	476	Max WS	TR30_09h	171.04	225.76	228.78		229.32	0.006293	3.37	60.60	44.67	0.70
Bisenzio	Bisenzio_V-Fiume	476	Max WS	TR30_12h	158.45	225.76	228.69		229.21	0.006408	3.30	56.24	43.93	0.70
Bisenzio	Bisenzio_V-Fiume	476	Max WS	TR200_01h	177.39	225.76	228.83		229.38	0.006283	3.41	62.57	45.00	0.70
Bisenzio	Bisenzio_V-Fiume	476	Max WS	TR200_02h	319.51	225.76	229.81		230.44	0.005039	3.84	110.30	52.65	0.67
Bisenzio	Bisenzio_V-Fiume	476	Max WS	TR200_03h	373.25	225.76	230.14		230.79	0.004677	3.94	128.93	56.91	0.65
Bisenzio	Bisenzio_V-Fiume	476	Max WS	TR200_06h	357.02	225.76	230.05		230.69	0.004790	3.92	123.40	56.57	0.66
Bisenzio	Bisenzio_V-Fiume	476	Max WS	TR200_09h	321.92	225.76	229.83		230.46	0.005000	3.84	111.37	53.10	0.67
Bisenzio	Bisenzio_V-Fiume	476	Max WS	TR200_12h	289.93	225.76	229.62		230.23	0.005236	3.77	100.61	50.98	0.67
Bisenzio	Bisenzio_V-Fiume	475	Max WS	TR30_01h	52.90	224.42	226.71		226.95	0.005622	2.20	25.71	28.51	0.61
Bisenzio	Bisenzio_V-Fiume	475	Max WS	TR30_02h	121.77	224.42	227.59		227.95	0.004601	2.78	51.18	29.57	0.60
Bisenzio	Bisenzio_V-Fiume	475	Max WS	TR30_03h	161.30	224.42	227.99		228.41	0.004371	3.03	63.17	30.05	0.60
Bisenzio	Bisenzio_V-Fiume	475	Max WS	TR30_04h	177.71	224.42	228.15		228.59	0.004284	3.12	67.93	30.24	0.60
Bisenzio	Bisenzio_V-Fiume	475	Max WS	TR30_06h	181.38	224.42	228.18		228.63	0.004255	3.14	69.04	30.29	0.60
Bisenzio	Bisenzio_V-Fiume	475	Max WS	TR30_09h	171.14	224.42	228.09		228.52	0.004275	3.08	66.26	30.18	0.60
Bisenzio	Bisenzio_V-Fiume	475	Max WS	TR30_12h	158.57	224.42	227.97		228.38	0.004349	3.01	62.55	30.03	0.60
Bisenzio	Bisenzio_V-Fiume	475	Max WS	TR200_01h	177.30	224.42	228.14		228.58	0.004316	3.13	67.65	30.23	0.60
Bisenzio	Bisenzio_V-Fiume	475	Max WS	TR200_02h	319.49	224.42	229.13		229.83	0.004641	3.98	98.24	31.43	0.66
Bisenzio	Bisenzio_V-Fiume	475	Max WS	TR200_03h	373.28	224.42	229.40		230.21	0.004927	4.30	106.92	31.76	0.68
Bisenzio	Bisenzio_V-Fiume	475	Max WS	TR200_06h	357.21	224.42	229.33		230.10	0.004821	4.20	104.56	31.67	0.67
Bisenzio	Bisenzio_V-Fiume	475	Max WS	TR200_09h	322.16	224.42	229.15		229.85	0.004628	3.99	98.88	31.45	0.66
Bisenzio	Bisenzio_V-Fiume	475	Max WS	TR200_12h	290.17	224.42	228.97		229.60	0.004476	3.79	93.20	31.23	0.64
Bisenzio	Bisenzio_V-Fiume	474	Max WS	TR30_01h	52.84	224.18	226.03		226.25	0.005245	2.11	25.10	19.15	0.58
Bisenzio	Bisenzio_V-Fiume	474	Max WS	TR30_02h	121.75	224.18	226.91		227.32	0.005333	2.87	43.03	21.58	0.63
Bisenzio	Bisenzio_V-Fiume	474	Max WS	TR30_03h	161.31	224.18	227.29		227.81	0.005485	3.20	51.54	22.64	0.65
Bisenzio	Bisenzio_V-Fiume	474	Max WS	TR30_04h	177.72	224.18	227.45		228.00	0.005453	3.30	55.18	23.08	0.66
Bisenzio	Bisenzio_V-Fiume	474	Max WS	TR30_06h	181.42	224.18	227.49		228.04	0.005418	3.31	56.09	23.19	0.66
Bisenzio	Bisenzio_V-Fiume	474	Max WS	TR30_09h	171.24	224.18	227.40		227.93	0.005356	3.24	54.13	22.96	0.65
Bisenzio	Bisenzio_V-Fiume	474	Max WS	TR30_12h	158.69	224.18	227.28		227.78	0.005397	3.16	51.25	22.61	0.65
Bisenzio	Bisenzio_V-Fiume	474	Max WS	TR200_01h	177.28	224.18	227.43		227.99	0.005539	3.31	54.79	23.04	0.66
Bisenzio	Bisenzio_V-Fiume	474	Max WS	TR200_02h	319.49	224.18	228.51	227.76	229.25	0.005017	3.93	100.29	62.52	0.66
Bisenzio	Bisenzio_V-Fiume	474	Max WS	TR200_03h	373.30	224.18	228.74	228.48	229.55	0.005256	4.19	114.33	63.15	0.69
Bisenzio	Bisenzio_V-Fiume	474	Max WS	TR200_06h										

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio_V-Fiume	472	Max WS	TR200_03h	373.32	223.75	228.24		228.53	0.002193	2.68	187.60	79.32	0.45
Bisenzio	Bisenzio_V-Fiume	472	Max WS	TR200_06h	357.56	223.75	228.19		228.46	0.002196	2.62	183.33	78.89	0.44
Bisenzio	Bisenzio_V-Fiume	472	Max WS	TR200_09h	322.61	223.75	228.02		228.28	0.002096	2.52	170.51	77.55	0.44
Bisenzio	Bisenzio_V-Fiume	472	Max WS	TR200_12h	290.62	223.75	227.86		228.10	0.002076	2.42	157.88	74.30	0.43
Bisenzio	Bisenzio_V-Fiume	471	Max WS	TR30_01h	52.79	223.37	225.48		225.63	0.002661	1.70	32.14	31.49	0.43
Bisenzio	Bisenzio_V-Fiume	471	Max WS	TR30_02h	121.72	223.37	226.37		226.61	0.002865	2.27	61.88	35.51	0.48
Bisenzio	Bisenzio_V-Fiume	471	Max WS	TR30_03h	161.26	223.37	226.74		227.03	0.003011	2.51	75.13	37.15	0.50
Bisenzio	Bisenzio_V-Fiume	471	Max WS	TR30_04h	177.72	223.37	226.90		227.20	0.002955	2.57	81.36	37.91	0.50
Bisenzio	Bisenzio_V-Fiume	471	Max WS	TR30_06h	181.46	223.37	226.95		227.25	0.002917	2.57	83.07	38.20	0.49
Bisenzio	Bisenzio_V-Fiume	471	Max WS	TR30_09h	171.32	223.37	226.88		227.16	0.002835	2.50	80.39	37.79	0.48
Bisenzio	Bisenzio_V-Fiume	471	Max WS	TR30_12h	158.79	223.37	226.74		227.02	0.002901	2.47	75.31	37.17	0.49
Bisenzio	Bisenzio_V-Fiume	471	Max WS	TR200_01h	177.20	223.37	226.87		227.18	0.003070	2.60	80.04	37.74	0.50
Bisenzio	Bisenzio_V-Fiume	471	Max WS	TR200_02h	318.63	223.37	227.77		228.26	0.003722	3.32	121.39	52.69	0.57
Bisenzio	Bisenzio_V-Fiume	471	Max WS	TR200_03h	373.32	223.37	228.01		228.56	0.003974	3.56	133.96	54.61	0.60
Bisenzio	Bisenzio_V-Fiume	471	Max WS	TR200_06h	357.57	223.37	227.96		228.48	0.003838	3.47	131.44	54.30	0.59
Bisenzio	Bisenzio_V-Fiume	471	Max WS	TR200_09h	322.63	223.37	227.81		228.29	0.003670	3.31	123.36	53.09	0.57
Bisenzio	Bisenzio_V-Fiume	471	Max WS	TR200_12h	290.63	223.37	227.66		228.10	0.003500	3.17	115.39	51.47	0.55
Bisenzio	Bisenzio_V-Fiume	470	Max WS	TR30_01h	53.03	223.62	224.72		224.99	0.009137	2.29	23.15	23.27	0.73
Bisenzio	Bisenzio_V-Fiume	470	Max WS	TR30_02h	125.23	223.62	225.34		225.87	0.011221	3.23	38.76	26.96	0.86
Bisenzio	Bisenzio_V-Fiume	470	Max WS	TR30_03h	167.31	223.62	225.41	225.48	226.27	0.017264	4.11	40.67	27.16	1.07
Bisenzio	Bisenzio_V-Fiume	470	Max WS	TR30_04h	186.06	223.62	225.77	225.61	226.43	0.010432	3.61	56.12	58.26	0.86
Bisenzio	Bisenzio_V-Fiume	470	Max WS	TR30_06h	191.31	223.62	225.80	225.64	226.46	0.010341	3.63	57.97	58.41	0.86
Bisenzio	Bisenzio_V-Fiume	470	Max WS	TR30_09h	181.02	223.62	225.75	225.57	226.39	0.010301	3.56	54.91	58.16	0.85
Bisenzio	Bisenzio_V-Fiume	470	Max WS	TR30_12h	167.11	223.62	225.40	225.48	226.27	0.017332	4.12	40.58	27.15	1.08
Bisenzio	Bisenzio_V-Fiume	470	Max WS	TR200_01h	182.50	223.62	225.76	225.58	226.40	0.010386	3.58	55.14	58.18	0.85
Bisenzio	Bisenzio_V-Fiume	470	Max WS	TR200_02h	336.27	223.62	226.48	226.47	227.28	0.009369	4.17	98.63	61.62	0.85
Bisenzio	Bisenzio_V-Fiume	470	Max WS	TR200_03h	395.12	223.62	226.70	226.67	227.55	0.009220	4.35	112.44	62.67	0.86
Bisenzio	Bisenzio_V-Fiume	470	Max WS	TR200_06h	380.62	223.62	226.65	226.62	227.48	0.009252	4.31	109.12	62.42	0.85
Bisenzio	Bisenzio_V-Fiume	470	Max WS	TR200_09h	343.40	223.62	226.51	226.49	227.31	0.009347	4.20	100.36	61.75	0.85
Bisenzio	Bisenzio_V-Fiume	470	Max WS	TR200_12h	309.96	223.62	226.38	226.37	227.15	0.009454	4.08	92.12	61.12	0.85
Bisenzio	Bisenzio_V-Fiume	469	Max WS	TR30_01h	53.03	223.62	224.68	224.42	224.87	0.006693	1.94	27.35	28.52	0.63
Bisenzio	Bisenzio_V-Fiume	469	Max WS	TR30_02h	125.23	223.62	225.25	225.00	225.65	0.008635	2.80	44.72	32.31	0.76
Bisenzio	Bisenzio_V-Fiume	469	Max WS	TR30_03h	166.59	223.62	225.28	225.26	225.96	0.014355	3.65	45.62	32.38	0.98
Bisenzio	Bisenzio_V-Fiume	469	Max WS	TR30_04h	186.06	223.62	225.67	225.37	226.14	0.007449	3.06	68.37	63.25	0.73
Bisenzio	Bisenzio_V-Fiume	469	Max WS	TR30_06h	191.31	223.62	225.71	225.52	226.17	0.007350	3.07	70.45	63.46	0.73
Bisenzio	Bisenzio_V-Fiume	469	Max WS	TR30_09h	181.03	223.62	225.64	225.34	226.10	0.007568	3.05	66.27	63.05	0.74
Bisenzio	Bisenzio_V-Fiume	469	Max WS	TR30_12h	165.72	223.62	225.27	225.26	225.95	0.014312	3.64	45.51	32.38	0.98
Bisenzio	Bisenzio_V-Fiume	469	Max WS	TR200_01h	182.49	223.62	225.65	225.34	226.11	0.007533	3.05	66.89	63.11	0.74
Bisenzio	Bisenzio_V-Fiume	469	Max WS	TR200_02h	336.27	223.62	226.40	226.14	226.96	0.006565	3.54	115.53	67.71	0.72
Bisenzio	Bisenzio_V-Fiume	469	Max WS	TR200_03h	395.13	223.62	226.62	226.34	227.23	0.006509	3.72	130.73	69.08	0.73
Bisenzio	Bisenzio_V-Fiume	469	Max WS	TR200_06h	380.63	223.62	226.56	226.29	227.17	0.006518	3.67	127.09	68.75	0.73
Bisenzio	Bisenzio_V-Fiume	469	Max WS	TR200_09h	343.41	223.62	226.42	226.17	227.00	0.006553	3.56	117.45	67.88	0.72
Bisenzio	Bisenzio_V-Fiume	469	Max WS	TR200_12h	309.97	223.62	226.29	226.05	226.84	0.006603	3.46	108.38	67.05	0.72
Bisenzio	Bisenzio_V-Fiume	468.5			Inl Struct									
Bisenzio	Bisenzio_V-Fiume	468	Max WS	TR30_01h	53.03	219.94	221.93		222.05	0.002778	1.52	34.79	26.74	0.43
Bisenzio	Bisenzio_V-Fiume	468	Max WS	TR30_02h	125.21	219.94	222.59		222.87	0.004436	2.31	54.23	31.55	0.56
Bisenzio	Bisenzio_V-Fiume	468	Max WS	TR30_03h	169.48	219.94	222.94		223.28	0.004789	2.59	65.54	33.98	0.59
Bisenzio	Bisenzio_V-Fiume	468	Max WS	TR30_04h	186.05	219.94	223.07		223.43	0.004820	2.66	69.93	34.87	0.60
Bisenzio	Bisenzio_V-Fiume	468	Max WS	TR30_06h	191.31	219.94	223.11		223.47	0.004822	2.68	71.34	35.16	0.60
Bisenzio	Bisenzio_V-Fiume	468	Max WS	TR30_09h	181.04	219.94	223.03		223.39	0.004794	2.64	68.70	34.63	0.60
Bisenzio	Bisenzio_V-Fiume	468	Max WS	TR30_12h	169.25	219.94	222.94		223.28	0.004773	2.58	65.55	33.98	0.59
Bisenzio	Bisenzio_V-Fiume	468	Max WS	TR200_01h	182.35	219.94	223.04		223.39	0.004831	2.65	68.87	34.66	0.60
Bisenzio	Bisenzio_V-Fiume	468	Max WS	TR200_02h	335.91	219.94	224.01		224.59	0.004243	3.07	110.61	45.10	0.59
Bisenzio	Bisenzio_V-Fiume	468	Max WS	TR200_03h	395.00	219.94	224.44		224.93	0.003847	3.13	139.07	76.77	0.57
Bisenzio	Bisenzio_V-Fiume	468	Max WS	TR200_06h	380.63	219.94	224.35		224.87	0.004105	3.18	122.24	48.41	0.59
Bisenzio	Bisenzio_V-Fiume	468	Max WS	TR200_09h	343.41	219.94	224.13		224.62	0.004300	3.10	111.80	45.74	0.59
Bisenzio	Bisenzio_V-Fiume	468	Max WS	TR200_12h	309.97	219.94	223.94		224.40	0.004418	3.01	103.34	43.43	0.60
Bisenzio	Bisenzio_V-Fiume	467.50	Max WS	TR30_01h	53.01	219.87	221.58		221.77	0.007246	1.90	27.88	32.40	0.65
Bisenzio	Bisenzio_V-Fiume	467.50	Max WS	TR30_02h	125.15	219.87	222.30		222.56	0.005401	2.31	56.85	44.48	0.62
Bisenzio	Bisenzio_V-Fiume	467.50	Max WS	TR30_03h	169.61	219.87	222.68		222.96	0.004405	2.41	76.51	51.93	0.58
Bisenzio	Bisenzio_V-Fiume	467.50	Max WS	TR30_04h	186.04	219.87	222.82		223.11	0.004405	2.43	83.89	52.57	0.56
Bisenzio	Bisenzio_V-Fiume	467.50	Max WS	TR30_06h	191.33	219.87	222.87		223.15	0.003943	2.43	86.25	52.80	0.55
Bisenzio	Bisenzio_V-Fiume	467.50	Max WS	TR30_09h	187.66	219.87	222.78		223.09	0.004402	2.50	81.99	52.39	0.58
Bisenzio	Bisenzio_V-Fiume	467.50	Max WS	TR30_12h	169.51	219.87	222.68		222.96	0.004381	2.40	76.62	51.94	0.57
Bisenzio	Bisenzio_V-Fiume	467.50	Max WS	TR200_01h	182.13	219.87	222.79		223.07	0.004130	2.62	82.10	52.41	0.56
Bisenzio	Bisenzio_V-Fiume	467.50	Max WS	TR200_02h	331.76	219.87	223.93		224.25	0.002572	2.62	145.95	60.45	0.48
Bisenzio	Bisenzio_V-Fiume	467.50	Max WS	TR200_03h	394.97	219.87	224.28		224.63	0.002450	2.75	167.16	61.42	0.48
Bisenzio	Bisenzio_V-Fiume	467.50	Max WS	TR200_06h	380.75	219.87	224.20		224.54	0.002496	2.73	162.00	61.18	0.48
Bisenzio	Bisenzio_V-Fiume	467.50	Max WS	TR200_09h	343.55	219.87	223.96		224.30	0.002675	2.69	147.48	60.52	0.49
Bisenzio	Bisenzio_V-Fiume	467.50	Max WS	TR200_12h	310.09	219.87	223.76		224.08	0.002769	2.62	135.59	58.94	0.49
Bisenzio	Bisenzio_V-Fiume	467	Max WS	TR30_01h	52.95	219.80	221.21		221.36	0.005333	1.70	31.19	35.20	0.57
Bisenzio	Bisenzio_V-Fiume	467	Max WS	TR30_02h	125.13	219.80	222.06		222.26	0.003167	2.03	65.17	42.71	0.49
Bisenzio	Bisenzio_V-Fiume	467	Max WS	TR30_03h	169.11	219.80	222.49		222.72	0.002703	2.17	83.70	43.74	0.47
Bisenzio	Bisenzio_V-Fiume	467	Max WS	TR30_04h	186.04	219.80	222.64		222.88	0.002573	2.21	90.55	44.11	0.46
Bisenzio	Bisenzio_V-Fiume	467	Max WS	TR30_06h	191.36	219.80	222.69		222.93	0.002535	2.23	92.69	44.23	0.46
Bisenzio	Bisenzio_V-Fiume	467	Max WS	TR30_09h	181.14	219.80	222.60		222.84	0.002588	2.20	88.81	44.02	0.46
Bisenzio	Bisenzio_V-Fiume	467	Max WS	TR30_12h	168.90	219.80	222.49		222.72	0.002683	2.16	83.83	43.74	0.47
Bisenzio	Bisenzio_V-Fiume	467	Max WS	TR200_01h	182.08	219.80	222.61		222.84	0.002606	2.20	88.91	44.02	0.46
Bisenzio	Bisenzio_V-Fiume	467	Max WS	TR200_02h	331.18	219.80	223.80		224.11	0.002027	2.57	145.18	50.27	0.44
Bisenzio	Bisenzio_V-Fiume	467	Max WS	TR200_03h	394.99	219.80	224.13		224.49	0.002108	2.78	163.03	54.03	0

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio_V-Fiume	466	Max WS	TR200_06h	381.50	218.67	223.43		224.12	0.004888	3.98	113.27	32.07	0.62
Bisenzio	Bisenzio_V-Fiume	466	Max WS	TR200_09h	325.38	218.67	223.29		223.84	0.003971	3.53	109.09	31.50	0.56
Bisenzio	Bisenzio_V-Fiume	466	Max WS	TR200_12h	310.87	218.67	223.06		223.63	0.004427	3.61	101.84	31.46	0.59
Bisenzio	Bisenzio_V-Fiume	465.50	Max WS	TR30_01h	52.88	218.27	220.51		220.63	0.002496	1.54	34.32	23.80	0.41
Bisenzio	Bisenzio_V-Fiume	465.50	Max WS	TR30_02h	125.10	218.27	221.42		221.66	0.003061	2.19	57.14	26.73	0.48
Bisenzio	Bisenzio_V-Fiume	465.50	Max WS	TR30_03h	168.68	218.27	221.83		222.14	0.003115	2.47	69.09	31.38	0.50
Bisenzio	Bisenzio_V-Fiume	465.50	Max WS	TR30_04h	186.12	218.27	221.98		222.31	0.003115	2.57	73.98	32.86	0.50
Bisenzio	Bisenzio_V-Fiume	465.50	Max WS	TR30_06h	191.60	218.27	222.02		222.37	0.003113	2.59	75.49	32.99	0.50
Bisenzio	Bisenzio_V-Fiume	465.50	Max WS	TR30_09h	181.48	218.27	221.94		222.27	0.003113	2.54	72.71	32.75	0.50
Bisenzio	Bisenzio_V-Fiume	465.50	Max WS	TR30_12h	168.83	218.27	221.83		222.14	0.003112	2.47	69.16	31.40	0.50
Bisenzio	Bisenzio_V-Fiume	465.50	Max WS	TR200_01h	181.97	218.27	221.94		222.27	0.003116	2.54	72.82	32.76	0.50
Bisenzio	Bisenzio_V-Fiume	465.50	Max WS	TR200_02h	334.34	218.27	223.03		223.55	0.003181	3.23	109.62	34.32	0.53
Bisenzio	Bisenzio_V-Fiume	465.50	Max WS	TR200_03h	395.17	218.27	223.30		223.92	0.003498	3.55	118.74	34.49	0.57
Bisenzio	Bisenzio_V-Fiume	465.50	Max WS	TR200_06h	381.58	218.27	223.22		223.83	0.003477	3.50	116.23	34.44	0.56
Bisenzio	Bisenzio_V-Fiume	465.50	Max WS	TR200_09h	333.91	218.27	223.03		223.55	0.003172	3.23	109.63	34.32	0.53
Bisenzio	Bisenzio_V-Fiume	465.50	Max WS	TR200_12h	310.96	218.27	222.88		223.38	0.003165	3.14	104.59	34.21	0.53
Bisenzio	Bisenzio_V-Fiume	465	Max WS	TR30_01h	52.87	217.88	220.27		220.45	0.003936	1.89	28.43	20.78	0.51
Bisenzio	Bisenzio_V-Fiume	465	Max WS	TR30_02h	125.09	217.88	221.07		221.47	0.005119	2.81	45.64	22.39	0.62
Bisenzio	Bisenzio_V-Fiume	465	Max WS	TR30_03h	168.64	217.88	221.45		221.97	0.005510	3.21	54.27	23.16	0.65
Bisenzio	Bisenzio_V-Fiume	465	Max WS	TR30_04h	186.13	217.88	221.59		222.15	0.005627	3.34	57.56	23.45	0.66
Bisenzio	Bisenzio_V-Fiume	465	Max WS	TR30_06h	191.62	217.88	221.63		222.21	0.005659	3.38	58.58	23.54	0.67
Bisenzio	Bisenzio_V-Fiume	465	Max WS	TR30_09h	181.52	217.88	221.55		222.10	0.005595	3.31	56.71	23.38	0.66
Bisenzio	Bisenzio_V-Fiume	465	Max WS	TR30_12h	168.83	217.88	221.45		221.97	0.005510	3.21	54.32	23.17	0.65
Bisenzio	Bisenzio_V-Fiume	465	Max WS	TR200_01h	181.96	217.88	221.56		222.11	0.005601	3.31	56.79	23.38	0.66
Bisenzio	Bisenzio_V-Fiume	465	Max WS	TR200_02h	338.20	217.88	222.65		223.49	0.005525	4.15	93.06	39.70	0.70
Bisenzio	Bisenzio_V-Fiume	465	Max WS	TR200_03h	395.21	217.88	222.95		223.88	0.005609	4.41	104.87	39.97	0.71
Bisenzio	Bisenzio_V-Fiume	465	Max WS	TR200_06h	381.67	217.88	222.88		223.79	0.005592	4.35	102.13	39.91	0.71
Bisenzio	Bisenzio_V-Fiume	465	Max WS	TR200_09h	344.61	217.88	222.69		223.54	0.005530	4.18	94.47	39.74	0.70
Bisenzio	Bisenzio_V-Fiume	465	Max WS	TR200_12h	311.06	217.88	222.46		223.32	0.005897	4.14	79.13	25.28	0.71
Bisenzio	Bisenzio_V-Fiume	464	Max WS	TR30_01h	52.87	218.15	220.16	219.32	220.23	0.001418	1.18	45.02	31.35	0.31
Bisenzio	Bisenzio_V-Fiume	464	Max WS	TR30_02h	125.09	218.15	220.92	219.86	221.09	0.002002	1.83	69.78	35.60	0.39
Bisenzio	Bisenzio_V-Fiume	464	Max WS	TR30_03h	168.60	218.15	221.27	220.14	221.50	0.002192	2.12	82.54	36.02	0.42
Bisenzio	Bisenzio_V-Fiume	464	Max WS	TR30_04h	186.14	218.15	221.40	220.25	221.65	0.002252	2.22	87.31	36.18	0.43
Bisenzio	Bisenzio_V-Fiume	464	Max WS	TR30_06h	191.65	218.15	221.45	220.28	221.70	0.002270	2.25	88.77	36.23	0.43
Bisenzio	Bisenzio_V-Fiume	464	Max WS	TR30_09h	181.56	218.15	221.37	220.23	221.61	0.002236	2.19	86.09	36.14	0.43
Bisenzio	Bisenzio_V-Fiume	464	Max WS	TR30_12h	168.84	218.15	221.27	220.15	221.50	0.002193	2.12	82.60	36.03	0.42
Bisenzio	Bisenzio_V-Fiume	464	Max WS	TR200_01h	181.95	218.15	221.37	220.23	221.62	0.002238	2.20	86.19	36.15	0.43
Bisenzio	Bisenzio_V-Fiume	464	Max WS	TR200_02h	337.96	218.15	222.38	221.03	222.80	0.002595	2.92	123.15	37.35	0.49
Bisenzio	Bisenzio_V-Fiume	464	Max WS	TR200_03h	395.23	218.15	222.70	221.29	223.18	0.002671	3.13	135.13	37.73	0.50
Bisenzio	Bisenzio_V-Fiume	464	Max WS	TR200_06h	381.76	218.15	222.63	221.22	223.10	0.002655	3.08	132.37	37.65	0.50
Bisenzio	Bisenzio_V-Fiume	464	Max WS	TR200_09h	344.73	218.15	222.42	221.06	222.85	0.002604	2.95	124.61	37.40	0.49
Bisenzio	Bisenzio_V-Fiume	464	Max WS	TR200_12h	311.16	218.15	222.22	220.91	222.62	0.002551	2.81	117.33	37.16	0.48
Bisenzio	Bisenzio_V-Fiume	462.5			Inl Struct									
Bisenzio	Bisenzio_V-Fiume	462	Max WS	TR30_01h	52.86	215.96	217.39		217.54	0.003934	1.67	31.58	27.59	0.50
Bisenzio	Bisenzio_V-Fiume	462	Max WS	TR30_02h	125.07	215.96	218.12		218.41	0.004510	2.39	52.36	29.44	0.57
Bisenzio	Bisenzio_V-Fiume	462	Max WS	TR30_03h	168.60	215.96	218.46		218.83	0.004626	2.70	62.54	29.82	0.59
Bisenzio	Bisenzio_V-Fiume	462	Max WS	TR30_04h	186.14	215.96	218.59		218.99	0.004642	2.81	66.47	29.96	0.60
Bisenzio	Bisenzio_V-Fiume	462	Max WS	TR30_06h	191.65	215.96	218.63		219.04	0.004631	2.84	67.75	30.01	0.60
Bisenzio	Bisenzio_V-Fiume	462	Max WS	TR30_09h	181.56	215.96	218.56		218.95	0.004630	2.78	65.49	29.93	0.60
Bisenzio	Bisenzio_V-Fiume	462	Max WS	TR30_12h	168.84	215.96	218.46		218.84	0.004609	2.70	62.67	29.82	0.59
Bisenzio	Bisenzio_V-Fiume	462	Max WS	TR200_01h	181.89	215.96	218.56		218.95	0.004642	2.78	65.51	29.93	0.60
Bisenzio	Bisenzio_V-Fiume	462	Max WS	TR200_02h	336.37	215.96	219.75		220.31	0.003812	3.33	103.05	32.84	0.58
Bisenzio	Bisenzio_V-Fiume	462	Max WS	TR200_03h	395.16	215.96	220.25		220.84	0.003308	3.40	119.74	33.90	0.55
Bisenzio	Bisenzio_V-Fiume	462	Max WS	TR200_06h	381.76	215.96	220.14		220.72	0.003399	3.38	116.05	33.67	0.55
Bisenzio	Bisenzio_V-Fiume	462	Max WS	TR200_09h	344.73	215.96	219.83		220.39	0.003708	3.33	105.63	33.01	0.57
Bisenzio	Bisenzio_V-Fiume	462	Max WS	TR200_12h	311.16	215.96	219.56		220.10	0.003984	3.27	96.65	32.43	0.58
Bisenzio	Bisenzio_V-Fiume	461	Max WS	TR30_01h	52.85	215.59	216.64		216.95	0.012980	2.50	21.15	24.90	0.87
Bisenzio	Bisenzio_V-Fiume	461	Max WS	TR30_02h	125.05	215.59	217.44		217.84	0.008428	2.80	44.61	31.75	0.76
Bisenzio	Bisenzio_V-Fiume	461	Max WS	TR30_03h	168.46	215.59	217.88		218.29	0.006647	2.85	59.17	34.40	0.69
Bisenzio	Bisenzio_V-Fiume	461	Max WS	TR30_04h	186.15	215.59	218.05		218.47	0.005987	2.85	65.27	35.10	0.67
Bisenzio	Bisenzio_V-Fiume	461	Max WS	TR30_06h	191.69	215.59	218.11		218.52	0.005773	2.85	67.28	35.32	0.66
Bisenzio	Bisenzio_V-Fiume	461	Max WS	TR30_09h	181.62	215.59	218.01		218.42	0.006115	2.85	63.81	34.95	0.67
Bisenzio	Bisenzio_V-Fiume	461	Max WS	TR30_12h	168.79	215.59	217.88		218.29	0.006568	2.84	59.49	34.45	0.69
Bisenzio	Bisenzio_V-Fiume	461	Max WS	TR200_01h	181.84	215.59	218.01		218.42	0.006152	2.85	63.74	34.94	0.67
Bisenzio	Bisenzio_V-Fiume	461	Max WS	TR200_02h	336.34	215.59	219.48		219.88	0.002851	2.83	123.92	42.53	0.50
Bisenzio	Bisenzio_V-Fiume	461	Max WS	TR200_03h	395.17	215.59	220.07		220.46	0.002218	2.79	149.09	43.30	0.46
Bisenzio	Bisenzio_V-Fiume	461	Max WS	TR200_06h	381.90	215.59	219.94		220.33	0.002322	2.79	143.70	43.13	0.46
Bisenzio	Bisenzio_V-Fiume	461	Max WS	TR200_09h	344.89	215.59	219.58		219.97	0.002713	2.81	127.99	42.66	0.49
Bisenzio	Bisenzio_V-Fiume	461	Max WS	TR200_12h	311.32	215.59	219.25		219.65	0.003165	2.83	113.99	42.23	0.52
Bisenzio	Bisenzio_V-Fiume	460	Max WS	TR30_01h	52.83	214.45	216.16		216.42	0.006576	2.25	23.60	20.14	0.66
Bisenzio	Bisenzio_V-Fiume	460	Max WS	TR30_02h	125.04	214.45	217.11		217.45	0.005036	2.58	49.82	30.45	0.62
Bisenzio	Bisenzio_V-Fiume	460	Max WS	TR30_03h	168.46	214.45	217.63		217.99	0.003833	2.67	66.20	32.58	0.56
Bisenzio	Bisenzio_V-Fiume	460	Max WS	TR30_04h	186.15	214.45	217.83		218.19	0.003516	2.70	72.82	33.40	0.54
Bisenzio	Bisenzio_V-Fiume	460	Max WS	TR30_06h	191.71	214.45	217.90		218.26	0.003415	2.71	74.99	33.67	0.54
Bisenzio	Bisenzio_V-Fiume	460	Max WS	TR30_09h	181.65	214.45	217.78		218.15	0.003569	2.69	71.27	33.21	0.55
Bisenzio	Bisenzio_V-Fiume	460	Max WS	TR30_12h	168.80	214.45	217.64		218.00	0.003777	2.66	66.62	32.63	0.56
Bisenzio	Bisenzio_V-Fiume	460	Max WS	TR200_01h	181.77	214.45	217.78		218.14	0.003594	2.69	71.14	33.19	0.55
Bisenzio	Bisenzio_V-Fiume	460	Max WS	TR200_02h	336.35	214.45	219.35		219.76	0.002197	2.93	130.95	43.04	0.47
Bisenzio	Bisenzio_V-Fiume	460	Max WS	TR200_03h	395.19	214.45	219.96		220.36	0.001826	2.93	157.90	46.10	0.43
Bisenzio	Bisenzio_V-Fiume	460	Max WS	TR200_06h	381.97	214.45	219.83		220.23	0.001888	2.92	152.05	45.35	0.44
Bisenzio	Bisenzio_V-Fiume	460	Max WS	TR200_09h	344.97	214.45								

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio_V-Fiume	459.9	Max WS	TR200_09h	345.63	214.43	219.33		219.82	0.002658	3.13	113.99	31.83	0.50
Bisenzio	Bisenzio_V-Fiume	459.9	Max WS	TR200_12h	312.00	214.43	219.00		219.48	0.002898	3.08	103.57	30.83	0.51
Bisenzio	Bisenzio_V-Fiume	459	Max WS	TR30_01h	52.82	214.41	216.01	215.57	216.21	0.004998	1.99	26.49	21.06	0.57
Bisenzio	Bisenzio_V-Fiume	459	Max WS	TR30_02h	125.04	214.41	216.98	216.29	217.34	0.004187	2.66	46.99	23.35	0.57
Bisenzio	Bisenzio_V-Fiume	459	Max WS	TR30_03h	168.48	214.41	217.45	216.62	217.90	0.003988	2.95	57.02	23.63	0.58
Bisenzio	Bisenzio_V-Fiume	459	Max WS	TR30_04h	186.24	214.41	217.63	216.75	218.11	0.003935	3.06	60.80	23.70	0.58
Bisenzio	Bisenzio_V-Fiume	459	Max WS	TR30_06h	191.93	214.41	217.69	216.79	218.17	0.003909	3.09	62.02	23.72	0.58
Bisenzio	Bisenzio_V-Fiume	459	Max WS	TR30_09h	181.94	214.41	217.59	216.72	218.06	0.003946	3.04	59.90	23.68	0.58
Bisenzio	Bisenzio_V-Fiume	459	Max WS	TR30_12h	169.10	214.41	217.46	216.63	217.91	0.003966	2.95	57.24	23.63	0.57
Bisenzio	Bisenzio_V-Fiume	459	Max WS	TR200_01h	181.52	214.41	217.58	216.72	218.05	0.003936	3.03	58.86	23.68	0.58
Bisenzio	Bisenzio_V-Fiume	459	Max WS	TR200_02h	336.42	214.41	218.97	217.71	219.69	0.003584	3.77	89.15	24.20	0.59
Bisenzio	Bisenzio_V-Fiume	459	Max WS	TR200_03h	395.39	214.41	219.50	218.05	220.29	0.003323	3.94	100.47	24.40	0.58
Bisenzio	Bisenzio_V-Fiume	459	Max WS	TR200_06h	382.59	214.41	219.39	217.98	220.16	0.003377	3.90	98.04	24.36	0.58
Bisenzio	Bisenzio_V-Fiume	459	Max WS	TR200_09h	345.64	214.41	219.05	217.77	219.79	0.003539	3.80	90.95	24.23	0.59
Bisenzio	Bisenzio_V-Fiume	459	Max WS	TR200_12h	312.01	214.41	218.75	217.57	219.44	0.003672	3.69	84.60	24.12	0.59
Bisenzio	Bisenzio_V-Fiume	458			Bridge									
Bisenzio	Bisenzio_V-Fiume	457	Max WS	TR30_01h	52.81	214.36	215.95		216.16	0.005071	2.03	26.03	20.40	0.57
Bisenzio	Bisenzio_V-Fiume	457	Max WS	TR30_02h	125.04	214.36	216.86		217.26	0.004740	2.81	44.55	23.85	0.61
Bisenzio	Bisenzio_V-Fiume	457	Max WS	TR30_03h	168.48	214.36	217.29		217.80	0.004732	3.16	53.31	23.97	0.62
Bisenzio	Bisenzio_V-Fiume	457	Max WS	TR30_04h	186.24	214.36	217.44		218.00	0.004770	3.30	56.48	24.02	0.63
Bisenzio	Bisenzio_V-Fiume	457	Max WS	TR30_06h	191.93	214.36	217.50		218.06	0.004762	3.34	57.54	24.03	0.63
Bisenzio	Bisenzio_V-Fiume	457	Max WS	TR30_09h	181.94	214.36	217.41		217.95	0.004747	3.26	55.77	24.01	0.63
Bisenzio	Bisenzio_V-Fiume	457	Max WS	TR30_12h	169.10	214.36	217.30		217.81	0.004701	3.16	53.53	23.98	0.62
Bisenzio	Bisenzio_V-Fiume	457	Max WS	TR200_01h	181.56	214.36	217.41		217.95	0.004731	3.26	55.76	24.01	0.63
Bisenzio	Bisenzio_V-Fiume	457	Max WS	TR200_02h	336.26	214.36	218.54		219.47	0.005109	4.26	78.87	25.08	0.69
Bisenzio	Bisenzio_V-Fiume	457	Max WS	TR200_03h	395.37	214.36	218.93		219.99	0.005146	4.56	86.73	25.12	0.71
Bisenzio	Bisenzio_V-Fiume	457	Max WS	TR200_06h	382.58	214.36	218.85		219.88	0.005120	4.49	85.16	25.11	0.70
Bisenzio	Bisenzio_V-Fiume	457	Max WS	TR200_09h	345.63	214.36	218.61		219.56	0.005089	4.31	80.27	25.08	0.69
Bisenzio	Bisenzio_V-Fiume	457	Max WS	TR200_12h	312.00	214.36	218.38		219.25	0.005063	4.13	75.61	25.06	0.68
Bisenzio	Bisenzio_V-Fiume	456.9	Max WS	TR30_01h	52.80	214.16	215.95		216.10	0.003270	1.77	29.83	20.51	0.47
Bisenzio	Bisenzio_V-Fiume	456.9	Max WS	TR30_02h	125.03	214.16	216.86		217.17	0.003826	2.45	51.80	26.95	0.54
Bisenzio	Bisenzio_V-Fiume	456.9	Max WS	TR30_03h	168.48	214.16	217.30		217.67	0.003759	2.72	63.82	28.04	0.54
Bisenzio	Bisenzio_V-Fiume	456.9	Max WS	TR30_04h	186.24	214.16	217.46		217.86	0.003774	2.82	68.24	28.37	0.55
Bisenzio	Bisenzio_V-Fiume	456.9	Max WS	TR30_06h	191.93	214.16	217.51		217.92	0.003763	2.85	69.73	28.48	0.55
Bisenzio	Bisenzio_V-Fiume	456.9	Max WS	TR30_09h	181.94	214.16	217.42		217.82	0.003758	2.79	67.25	28.30	0.55
Bisenzio	Bisenzio_V-Fiume	456.9	Max WS	TR30_12h	169.11	214.16	217.31		217.68	0.003730	2.71	64.14	28.07	0.54
Bisenzio	Bisenzio_V-Fiume	456.9	Max WS	TR200_01h	180.92	214.16	217.42		217.81	0.003714	2.78	67.27	28.30	0.54
Bisenzio	Bisenzio_V-Fiume	456.9	Max WS	TR200_02h	335.98	214.16	218.54		219.16	0.003941	3.56	100.26	30.69	0.59
Bisenzio	Bisenzio_V-Fiume	456.9	Max WS	TR200_03h	395.36	214.16	218.91		219.62	0.003937	3.79	111.76	31.02	0.59
Bisenzio	Bisenzio_V-Fiume	456.9	Max WS	TR200_06h	382.57	214.16	218.84		219.53	0.003917	3.74	109.53	30.96	0.59
Bisenzio	Bisenzio_V-Fiume	456.9	Max WS	TR200_09h	345.63	214.16	218.61		219.24	0.003917	3.59	102.38	30.75	0.59
Bisenzio	Bisenzio_V-Fiume	456.9	Max WS	TR200_12h	312.00	214.16	218.38		218.98	0.003928	3.46	95.54	30.55	0.58
Bisenzio	Bisenzio_V-Fiume	456	Max WS	TR30_01h	52.78	213.61	215.65		215.82	0.004526	1.84	28.70	24.02	0.54
Bisenzio	Bisenzio_V-Fiume	456	Max WS	TR30_02h	125.02	213.61	216.60		216.87	0.003734	2.31	54.14	27.32	0.52
Bisenzio	Bisenzio_V-Fiume	456	Max WS	TR30_03h	168.47	213.61	217.06		217.38	0.003469	2.53	66.63	27.46	0.52
Bisenzio	Bisenzio_V-Fiume	456	Max WS	TR30_04h	186.24	213.61	217.22		217.57	0.003460	2.62	70.97	27.51	0.52
Bisenzio	Bisenzio_V-Fiume	456	Max WS	TR30_06h	191.93	213.61	217.27		217.63	0.003437	2.65	72.47	27.53	0.52
Bisenzio	Bisenzio_V-Fiume	456	Max WS	TR30_09h	179.39	213.61	217.18		217.52	0.003351	2.56	70.03	27.50	0.51
Bisenzio	Bisenzio_V-Fiume	456	Max WS	TR30_12h	169.09	213.61	217.07		217.40	0.003429	2.52	67.02	27.46	0.52
Bisenzio	Bisenzio_V-Fiume	456	Max WS	TR200_01h	180.98	213.61	217.18		217.52	0.003408	2.58	70.05	27.50	0.52
Bisenzio	Bisenzio_V-Fiume	456	Max WS	TR200_02h	335.75	213.61	218.30		218.85	0.003452	3.30	104.82	32.58	0.55
Bisenzio	Bisenzio_V-Fiume	456	Max WS	TR200_03h	395.35	213.61	218.68		219.29	0.003410	3.50	117.20	32.71	0.56
Bisenzio	Bisenzio_V-Fiume	456	Max WS	TR200_06h	382.57	213.61	218.60		219.21	0.003397	3.46	114.85	32.68	0.55
Bisenzio	Bisenzio_V-Fiume	456	Max WS	TR200_09h	345.65	213.61	218.37		218.93	0.003424	3.33	107.15	32.60	0.55
Bisenzio	Bisenzio_V-Fiume	456	Max WS	TR200_12h	312.02	213.61	218.14		218.66	0.003463	3.21	99.74	32.53	0.55
Bisenzio	Bisenzio_V-Fiume	455	Max WS	TR30_01h	52.75	212.99	215.35		215.46	0.001733	1.47	35.82	18.95	0.34
Bisenzio	Bisenzio_V-Fiume	455	Max WS	TR30_02h	125.01	212.99	216.22		216.51	0.003059	2.39	52.32	19.23	0.46
Bisenzio	Bisenzio_V-Fiume	455	Max WS	TR30_03h	168.48	212.99	216.60		217.01	0.003714	2.82	59.76	20.09	0.51
Bisenzio	Bisenzio_V-Fiume	455	Max WS	TR30_04h	186.28	212.99	216.72		217.18	0.004012	3.00	62.28	20.95	0.53
Bisenzio	Bisenzio_V-Fiume	455	Max WS	TR30_06h	192.05	212.99	216.77		217.24	0.004072	3.05	63.28	21.28	0.54
Bisenzio	Bisenzio_V-Fiume	455	Max WS	TR30_09h	179.81	212.99	216.71		217.14	0.003809	2.91	61.89	20.82	0.52
Bisenzio	Bisenzio_V-Fiume	455	Max WS	TR30_12h	169.35	212.99	216.62		217.02	0.003698	2.82	60.05	20.19	0.51
Bisenzio	Bisenzio_V-Fiume	455	Max WS	TR200_01h	180.81	212.99	216.70		217.14	0.003865	2.93	61.82	20.79	0.52
Bisenzio	Bisenzio_V-Fiume	455	Max WS	TR200_02h	335.78	212.99	217.66		218.51	0.005500	4.12	85.94	28.03	0.65
Bisenzio	Bisenzio_V-Fiume	455	Max WS	TR200_03h	395.41	212.99	218.01		218.99	0.005702	4.42	95.80	28.47	0.67
Bisenzio	Bisenzio_V-Fiume	455	Max WS	TR200_06h	383.02	212.99	217.94		218.89	0.005650	4.36	93.89	28.39	0.66
Bisenzio	Bisenzio_V-Fiume	455	Max WS	TR200_09h	346.21	212.99	217.72		218.60	0.005540	4.17	87.70	28.11	0.65
Bisenzio	Bisenzio_V-Fiume	455	Max WS	TR200_12h	312.54	212.99	217.52		218.32	0.005414	3.99	81.87	27.85	0.64
Bisenzio	Bisenzio_V-Fiume	454.8			Lat Struct									
Bisenzio	Bisenzio_V-Fiume	454.50	Max WS	TR30_01h	52.75	213.24	215.17		215.34	0.003259	1.82	29.02	19.10	0.47
Bisenzio	Bisenzio_V-Fiume	454.50	Max WS	TR30_02h	125.04	213.24	215.95		216.32	0.005451	2.72	46.00	24.36	0.63
Bisenzio	Bisenzio_V-Fiume	454.50	Max WS	TR30_03h	168.63	213.24	216.32		216.79	0.005968	3.03	55.56	26.69	0.67
Bisenzio	Bisenzio_V-Fiume	454.50	Max WS	TR30_04h	186.57	213.24	216.47		216.88	0.005474	2.94	73.48	59.83	0.65
Bisenzio	Bisenzio_V-Fiume	454.50	Max WS	TR30_06h	192.61	213.24	216.51		216.94	0.005546	2.99	75.90	61.55	0.65
Bisenzio	Bisenzio_V-Fiume	454.50	Max WS	TR30_09h	182.80	213.24	216.44		216.85	0.005476	2.92	72.03	58.07	0.64
Bisenzio	Bisenzio_V-Fiume	454.50	Max WS	TR30_12h	170.03	213.24	216.34		216.81	0.005990	3.04	58.88	26.81	0.67
Bisenzio	Bisenzio_V-Fiume	454.50	Max WS	TR200_01h	181.65	213.24	216.44		216.93	0.006166	3.09	58.71	28.10	0.68
Bisenzio	Bisenzio_V-Fiume	454.50	Max WS	TR200_02h	335.93	213.24	217.42		217.87	0.004234	3.24	136.22	74.29	0.59
Bisenzio	Bisenzio_V-Fiume	454.50	Max WS	TR200_03h	390.58	213.24	217.78		218.21	0.003586	3.19	164.23	77.35	0.55
Bisenzio	Bisenzio_V-Fiume	454.50	Max WS	TR200_06h	379.52	213.24	217.71		218.14	0.003684	3.19	159.00	77.22	0.56
Bisenzio	Bisenzio_V-Fiume	454.50	Max WS	TR200_09h	344.38	213.24	217.49		217.93	0.004043	3.21	141.5		

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio_V-Fiume	454	Max WS	TR200_06h	380.93	213.47	217.48	216.21	217.94	0.003131	3.01	126.59	36.35	0.51
Bisenzio	Bisenzio_V-Fiume	454	Max WS	TR200_09h	346.18	213.47	217.28	216.05	217.71	0.003085	2.90	119.57	36.27	0.51
Bisenzio	Bisenzio_V-Fiume	454	Max WS	TR200_12h	313.29	213.47	217.10	215.92	217.49	0.003036	2.78	112.71	36.18	0.50
Bisenzio	Bisenzio_V-Fiume	452.5			Inl Struct									
Bisenzio	Bisenzio_V-Fiume	452	Max WS	TR30_01h	52.74	210.80	212.69		212.77	0.001591	1.27	41.55	26.58	0.32
Bisenzio	Bisenzio_V-Fiume	452	Max WS	TR30_02h	125.04	210.80	213.49		213.69	0.002428	1.98	63.13	27.37	0.42
Bisenzio	Bisenzio_V-Fiume	452	Max WS	TR30_03h	168.61	210.80	213.88		214.15	0.002686	2.29	73.87	28.15	0.45
Bisenzio	Bisenzio_V-Fiume	452	Max WS	TR30_04h	186.56	210.80	214.03		214.32	0.002749	2.39	78.28	30.82	0.45
Bisenzio	Bisenzio_V-Fiume	452	Max WS	TR30_06h	192.62	210.80	214.08		214.38	0.002768	2.43	79.77	30.95	0.46
Bisenzio	Bisenzio_V-Fiume	452	Max WS	TR30_09h	182.81	210.80	214.00		214.29	0.002731	2.37	77.39	30.74	0.45
Bisenzio	Bisenzio_V-Fiume	452	Max WS	TR30_12h	170.06	210.80	213.89		214.16	0.002685	2.29	74.28	28.19	0.45
Bisenzio	Bisenzio_V-Fiume	452	Max WS	TR200_01h	181.46	210.80	213.99		214.27	0.002730	2.36	77.02	30.71	0.45
Bisenzio	Bisenzio_V-Fiume	452	Max WS	TR200_02h	336.68	210.80	215.04		215.54	0.003191	3.16	110.63	33.65	0.51
Bisenzio	Bisenzio_V-Fiume	452	Max WS	TR200_03h	391.50	210.80	215.36		215.93	0.003267	3.37	121.65	34.57	0.53
Bisenzio	Bisenzio_V-Fiume	452	Max WS	TR200_06h	380.93	210.80	215.30		215.86	0.003246	3.33	119.66	34.41	0.52
Bisenzio	Bisenzio_V-Fiume	452	Max WS	TR200_09h	346.18	210.80	215.10		215.61	0.003193	3.19	112.73	33.83	0.52
Bisenzio	Bisenzio_V-Fiume	452	Max WS	TR200_12h	313.29	210.80	214.90		215.37	0.003116	3.05	106.22	33.27	0.50
Bisenzio	Bisenzio_V-Fiume	451	Max WS	TR30_01h	52.73	210.40	211.84		212.23	0.012299	2.75	19.15	18.72	0.87
Bisenzio	Bisenzio_V-Fiume	451	Max WS	TR30_02h	125.03	210.40	212.77		213.35	0.009295	3.37	37.11	20.63	0.80
Bisenzio	Bisenzio_V-Fiume	451	Max WS	TR30_03h	168.61	210.40	213.19		213.88	0.008685	3.68	45.86	21.22	0.80
Bisenzio	Bisenzio_V-Fiume	451	Max WS	TR30_04h	186.57	210.40	213.35		214.08	0.008552	3.80	49.19	21.46	0.80
Bisenzio	Bisenzio_V-Fiume	451	Max WS	TR30_06h	192.63	210.40	213.40		214.15	0.008538	3.84	50.25	21.54	0.80
Bisenzio	Bisenzio_V-Fiume	451	Max WS	TR30_09h	182.85	210.40	213.32		214.04	0.008556	3.77	48.55	21.42	0.80
Bisenzio	Bisenzio_V-Fiume	451	Max WS	TR30_12h	170.11	210.40	213.21		213.90	0.008652	3.69	46.18	21.24	0.80
Bisenzio	Bisenzio_V-Fiume	451	Max WS	TR200_01h	181.50	210.40	213.31		214.03	0.008575	3.76	48.28	21.40	0.80
Bisenzio	Bisenzio_V-Fiume	451	Max WS	TR200_02h	336.18	210.40	214.38		215.50	0.008605	4.68	72.15	23.06	0.84
Bisenzio	Bisenzio_V-Fiume	451	Max WS	TR200_03h	391.83	210.40	214.70		215.95	0.008658	4.94	79.71	23.56	0.85
Bisenzio	Bisenzio_V-Fiume	451	Max WS	TR200_06h	381.25	210.40	214.65		215.87	0.008618	4.89	78.39	23.48	0.85
Bisenzio	Bisenzio_V-Fiume	451	Max WS	TR200_09h	346.35	210.40	214.44		215.58	0.008583	4.72	73.65	23.16	0.84
Bisenzio	Bisenzio_V-Fiume	451	Max WS	TR200_12h	313.39	210.40	214.24		215.30	0.008550	4.56	69.02	22.85	0.83
Bisenzio	Bisenzio_V-Fiume	450	Max WS	TR30_01h	52.72	208.73	211.08		211.23	0.002418	1.74	30.23	15.77	0.40
Bisenzio	Bisenzio_V-Fiume	450	Max WS	TR30_02h	125.02	208.73	211.93		212.32	0.004763	2.77	45.13	19.25	0.58
Bisenzio	Bisenzio_V-Fiume	450	Max WS	TR30_03h	168.61	208.73	212.33		212.84	0.005706	3.16	53.30	21.43	0.64
Bisenzio	Bisenzio_V-Fiume	450	Max WS	TR30_04h	186.57	208.73	212.48		213.03	0.006000	3.30	56.60	22.25	0.66
Bisenzio	Bisenzio_V-Fiume	450	Max WS	TR30_06h	192.65	208.73	212.53		213.10	0.006087	3.34	57.72	22.52	0.67
Bisenzio	Bisenzio_V-Fiume	450	Max WS	TR30_09h	182.89	208.73	212.45		213.00	0.005933	3.27	55.97	22.09	0.66
Bisenzio	Bisenzio_V-Fiume	450	Max WS	TR30_12h	170.16	208.73	212.35		212.86	0.005720	3.17	53.63	21.51	0.64
Bisenzio	Bisenzio_V-Fiume	450	Max WS	TR200_01h	181.45	208.73	212.44		212.98	0.005926	3.26	55.65	22.02	0.65
Bisenzio	Bisenzio_V-Fiume	450	Max WS	TR200_02h	336.15	208.73	213.50		214.37	0.006925	4.13	81.52	25.94	0.74
Bisenzio	Bisenzio_V-Fiume	450	Max WS	TR200_03h	393.08	208.73	213.81		214.80	0.007049	4.39	89.80	26.59	0.75
Bisenzio	Bisenzio_V-Fiume	450	Max WS	TR200_06h	382.49	208.73	213.76		214.72	0.006984	4.34	88.46	26.48	0.75
Bisenzio	Bisenzio_V-Fiume	450	Max WS	TR200_09h	346.90	208.73	213.56		214.45	0.006912	4.18	83.26	26.08	0.74
Bisenzio	Bisenzio_V-Fiume	450	Max WS	TR200_12h	313.70	208.73	213.37		214.19	0.006861	4.02	78.18	25.68	0.73
Bisenzio	Bisenzio_V-Fiume	449	Max WS	TR30_01h	52.71	209.16	210.68		210.97	0.007967	2.42	21.77	18.49	0.71
Bisenzio	Bisenzio_V-Fiume	449	Max WS	TR30_02h	125.02	209.16	211.46		212.05	0.008856	3.39	36.91	19.88	0.79
Bisenzio	Bisenzio_V-Fiume	449	Max WS	TR30_03h	168.61	209.16	211.82		212.57	0.009452	3.83	44.06	20.50	0.83
Bisenzio	Bisenzio_V-Fiume	449	Max WS	TR30_04h	186.57	209.16	211.95		212.76	0.009673	3.99	46.79	20.74	0.85
Bisenzio	Bisenzio_V-Fiume	449	Max WS	TR30_06h	192.66	209.16	212.00		212.83	0.009728	4.04	47.72	20.81	0.85
Bisenzio	Bisenzio_V-Fiume	449	Max WS	TR30_09h	182.90	209.16	211.93		212.72	0.009587	3.95	46.31	20.69	0.84
Bisenzio	Bisenzio_V-Fiume	449	Max WS	TR30_12h	170.19	209.16	211.83		212.58	0.009421	3.83	44.39	20.53	0.83
Bisenzio	Bisenzio_V-Fiume	449	Max WS	TR200_01h	181.43	209.16	211.91		212.71	0.009631	3.95	45.99	20.67	0.84
Bisenzio	Bisenzio_V-Fiume	449	Max WS	TR200_02h	336.12	209.16	212.87		214.17	0.011173	5.04	66.67	22.60	0.94
Bisenzio	Bisenzio_V-Fiume	449	Max WS	TR200_03h	393.17	209.16	213.16	213.08	214.63	0.011723	5.37	73.27	23.34	0.97
Bisenzio	Bisenzio_V-Fiume	449	Max WS	TR200_06h	383.21	209.16	213.12	213.03	214.55	0.011568	5.30	72.28	23.23	0.96
Bisenzio	Bisenzio_V-Fiume	449	Max WS	TR200_09h	347.15	209.16	212.94	212.80	214.26	0.011203	5.09	68.15	22.77	0.94
Bisenzio	Bisenzio_V-Fiume	449	Max WS	TR200_12h	313.76	209.16	212.76		213.98	0.010890	4.90	64.08	22.31	0.92
Bisenzio	Bisenzio_V-Fiume	448	Max WS	TR30_01h	52.70	208.12	209.69		209.84	0.004390	1.71	30.79	28.97	0.53
Bisenzio	Bisenzio_V-Fiume	448	Max WS	TR30_02h	125.05	208.12	210.28		210.55	0.007310	2.31	54.19	48.09	0.69
Bisenzio	Bisenzio_V-Fiume	448	Max WS	TR30_03h	168.84	208.12	210.54		210.86	0.007128	2.53	66.82	50.91	0.70
Bisenzio	Bisenzio_V-Fiume	448	Max WS	TR30_04h	187.06	208.12	210.64		210.98	0.006992	2.60	71.98	51.88	0.70
Bisenzio	Bisenzio_V-Fiume	448	Max WS	TR30_06h	193.77	208.12	210.67		211.02	0.006913	2.63	73.99	51.99	0.70
Bisenzio	Bisenzio_V-Fiume	448	Max WS	TR30_09h	184.29	208.12	210.62		210.96	0.007018	2.59	71.25	51.84	0.70
Bisenzio	Bisenzio_V-Fiume	448	Max WS	TR30_12h	171.64	208.12	210.55		210.88	0.007104	2.54	67.65	51.09	0.70
Bisenzio	Bisenzio_V-Fiume	448	Max WS	TR200_01h	181.32	208.12	210.61		210.95	0.007053	2.58	70.37	51.68	0.70
Bisenzio	Bisenzio_V-Fiume	448	Max WS	TR200_02h	336.28	208.12	211.33		211.83	0.005899	3.13	108.60	53.93	0.69
Bisenzio	Bisenzio_V-Fiume	448	Max WS	TR200_03h	394.07	208.12	211.57		212.12	0.005620	3.28	121.67	54.64	0.69
Bisenzio	Bisenzio_V-Fiume	448	Max WS	TR200_06h	386.64	208.12	211.54		212.08	0.005632	3.26	120.16	54.56	0.68
Bisenzio	Bisenzio_V-Fiume	448	Max WS	TR200_09h	350.22	208.12	211.39		211.90	0.005799	3.16	111.96	54.11	0.69
Bisenzio	Bisenzio_V-Fiume	448	Max WS	TR200_12h	316.42	208.12	211.25		211.72	0.005977	3.06	104.16	53.68	0.69
Bisenzio	Bisenzio_V-Fiume	447	Max WS	TR30_01h	52.68	207.20	208.75		208.97	0.011545	2.07	25.43	36.69	0.79
Bisenzio	Bisenzio_V-Fiume	447	Max WS	TR30_02h	125.02	207.20	209.36		209.69	0.008104	2.56	48.97	40.03	0.73
Bisenzio	Bisenzio_V-Fiume	447	Max WS	TR30_03h	168.81	207.20	209.68		210.06	0.007042	2.73	62.34	42.04	0.71
Bisenzio	Bisenzio_V-Fiume	447	Max WS	TR30_04h	187.05	207.20	209.81		210.21	0.006752	2.79	67.68	42.91	0.70
Bisenzio	Bisenzio_V-Fiume	447	Max WS	TR30_06h	193.79	207.20	209.85		210.25	0.006708	2.82	69.45	43.19	0.70
Bisenzio	Bisenzio_V-Fiume	447	Max WS	TR30_09h	184.33	207.20	209.80		210.19	0.006739	2.77	67.07	42.81	0.70
Bisenzio	Bisenzio_V-Fiume	447	Max WS	TR30_12h	171.70	207.20	209.71		210.09	0.006939	2.73	63.35	42.20	0.70
Bisenzio	Bisenzio_V-Fiume	447	Max WS	TR200_01h	181.13	207.20	209.77		210.16	0.006823	2.77	66.01	42.64	0.70
Bisenzio	Bisenzio_V-Fiume	447	Max WS	TR200_02h	336.09	207.20	210.64		211.18	0.005484	3.26	105.19	45.93	0.67
Bisenzio	Bisenzio_V-Fiume	447	Max WS	TR200_03h	394.05	207.20	210.91		211.50	0.005309	3.43	117.29	46.37	0.67
Bisenzio	Bisenzio_V-Fiume	447	Max WS	TR200_06h	386.75	207.20	210.88		211.47	0.005290	3.40	116.06	46.33	0.67
Bisenzio	Bisenzio_V-Fiume	447	Max WS	TR200_09h	350.36	207.20	210.72		211.27	0.005381	3.29	108.57	46.06	0.67
Bisenzio	Bisenzio_V-Fiume</													

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio_V-Fiume	446	Max WS	TR200_09h	351.05	206.49	210.34		210.98	0.005121	3.59	105.59	45.75	0.68
Bisenzio	Bisenzio_V-Fiume	446	Max WS	TR200_12h	317.21	206.49	210.17		210.77	0.005142	3.46	98.15	44.73	0.67
Bisenzio	Bisenzio_V-Fiume	445	Max WS	TR30_01h	52.62	205.63	207.27		207.48	0.005519	2.05	25.71	21.65	0.60
Bisenzio	Bisenzio_V-Fiume	445	Max WS	TR30_02h	124.99	205.63	208.15		208.52	0.005396	2.69	46.47	25.20	0.63
Bisenzio	Bisenzio_V-Fiume	445	Max WS	TR30_03h	168.82	205.63	208.52		208.98	0.005642	3.01	56.04	26.34	0.66
Bisenzio	Bisenzio_V-Fiume	445	Max WS	TR30_04h	187.11	205.63	208.66		209.16	0.005733	3.13	59.73	26.72	0.67
Bisenzio	Bisenzio_V-Fiume	445	Max WS	TR30_06h	194.01	205.63	208.71		209.22	0.005774	3.18	61.06	26.86	0.67
Bisenzio	Bisenzio_V-Fiume	445	Max WS	TR30_09h	184.70	205.63	208.64		209.14	0.005701	3.11	59.33	26.68	0.67
Bisenzio	Bisenzio_V-Fiume	445	Max WS	TR30_12h	172.09	205.63	208.55		209.02	0.005643	3.03	56.77	26.42	0.66
Bisenzio	Bisenzio_V-Fiume	445	Max WS	TR200_01h	180.98	205.63	208.61		209.10	0.005706	3.09	58.51	26.60	0.67
Bisenzio	Bisenzio_V-Fiume	445	Max WS	TR200_02h	336.00	205.63	209.58		210.36	0.006198	3.92	87.94	44.87	0.72
Bisenzio	Bisenzio_V-Fiume	445	Max WS	TR200_03h	394.16	205.63	209.84	209.27	210.73	0.006308	4.19	101.43	55.69	0.74
Bisenzio	Bisenzio_V-Fiume	445	Max WS	TR200_06h	387.50	205.63	209.82	209.24	210.69	0.006272	4.15	100.05	55.65	0.74
Bisenzio	Bisenzio_V-Fiume	445	Max WS	TR200_09h	351.17	205.63	209.66		210.46	0.006200	3.99	91.51	48.66	0.73
Bisenzio	Bisenzio_V-Fiume	445	Max WS	TR200_12h	317.34	205.63	209.49		210.24	0.006113	3.82	84.27	40.59	0.72
Bisenzio	Bisenzio_V-Fiume	444.50	Max WS	TR30_01h	52.60	205.13	207.00		207.22	0.005422	2.08	25.34	20.60	0.60
Bisenzio	Bisenzio_V-Fiume	444.50	Max WS	TR30_02h	124.98	205.13	207.87		208.26	0.006023	2.74	45.36	29.13	0.67
Bisenzio	Bisenzio_V-Fiume	444.50	Max WS	TR30_03h	168.82	205.13	208.23		208.70	0.005906	3.05	58.33	38.75	0.68
Bisenzio	Bisenzio_V-Fiume	444.50	Max WS	TR30_04h	187.11	205.13	208.37		208.86	0.005885	3.15	63.58	40.24	0.68
Bisenzio	Bisenzio_V-Fiume	444.50	Max WS	TR30_06h	194.02	205.13	208.41		208.92	0.005887	3.19	65.50	40.73	0.68
Bisenzio	Bisenzio_V-Fiume	444.50	Max WS	TR30_09h	184.72	205.13	208.35		208.84	0.005856	3.13	63.04	40.10	0.68
Bisenzio	Bisenzio_V-Fiume	444.50	Max WS	TR30_12h	172.12	205.13	208.26		208.73	0.005878	3.06	59.39	39.08	0.68
Bisenzio	Bisenzio_V-Fiume	444.50	Max WS	TR200_01h	180.93	205.13	208.32		208.81	0.005891	3.12	61.83	39.79	0.68
Bisenzio	Bisenzio_V-Fiume	444.50	Max WS	TR200_02h	335.94	205.13	209.20	208.96	209.86	0.005919	3.74	112.62	61.18	0.71
Bisenzio	Bisenzio_V-Fiume	444.50	Max WS	TR200_03h	394.15	205.13	209.46		210.13	0.005582	3.85	134.72	88.65	0.70
Bisenzio	Bisenzio_V-Fiume	444.50	Max WS	TR200_06h	387.54	205.13	209.44	209.21	210.10	0.005576	3.83	132.72	88.56	0.70
Bisenzio	Bisenzio_V-Fiume	444.50	Max WS	TR200_09h	351.22	205.13	209.28	209.03	209.93	0.005785	3.77	118.82	85.25	0.71
Bisenzio	Bisenzio_V-Fiume	444.50	Max WS	TR200_12h	317.39	205.13	209.12	208.61	209.76	0.005945	3.68	106.42	77.05	0.71
Bisenzio	Bisenzio_V-Fiume	444	Max WS	TR30_01h	52.59	204.64	206.82		206.97	0.003455	1.72	30.61	22.23	0.47
Bisenzio	Bisenzio_V-Fiume	444	Max WS	TR30_02h	124.98	204.64	207.62		207.92	0.004651	2.45	51.20	29.73	0.57
Bisenzio	Bisenzio_V-Fiume	444	Max WS	TR30_03h	168.82	204.64	207.97		208.36	0.004827	2.77	63.83	44.31	0.59
Bisenzio	Bisenzio_V-Fiume	444	Max WS	TR30_04h	187.11	204.64	208.10		208.52	0.004833	2.87	69.86	45.39	0.59
Bisenzio	Bisenzio_V-Fiume	444	Max WS	TR30_06h	194.03	204.64	208.15		208.57	0.004845	2.91	72.01	45.58	0.60
Bisenzio	Bisenzio_V-Fiume	444	Max WS	TR30_09h	184.74	204.64	208.09		208.50	0.004793	2.85	69.35	45.35	0.59
Bisenzio	Bisenzio_V-Fiume	444	Max WS	TR30_12h	172.14	204.64	208.00		208.39	0.004800	2.79	65.12	44.62	0.59
Bisenzio	Bisenzio_V-Fiume	444	Max WS	TR200_01h	180.87	204.64	208.06		208.47	0.004830	2.84	67.84	45.22	0.59
Bisenzio	Bisenzio_V-Fiume	444	Max WS	TR200_02h	335.90	204.64	208.92		209.51	0.005188	3.56	119.35	77.91	0.63
Bisenzio	Bisenzio_V-Fiume	444	Max WS	TR200_03h	394.15	204.64	209.20		209.80	0.004938	3.65	141.67	79.69	0.62
Bisenzio	Bisenzio_V-Fiume	444	Max WS	TR200_06h	387.58	204.64	209.18		209.77	0.004917	3.63	139.82	79.58	0.62
Bisenzio	Bisenzio_V-Fiume	444	Max WS	TR200_09h	351.28	204.64	209.00		209.59	0.005097	3.58	125.65	78.54	0.63
Bisenzio	Bisenzio_V-Fiume	444	Max WS	TR200_12h	317.44	204.64	208.84		209.42	0.005137	3.47	113.27	75.69	0.63
Bisenzio	Bisenzio_V-Fiume	443.1	Max WS	TR30_01h	52.57	204.60	206.64	206.05	206.77	0.003478	1.63	32.32	27.36	0.48
Bisenzio	Bisenzio_V-Fiume	443.1	Max WS	TR30_02h	125.01	204.60	207.39	206.76	207.66	0.004155	2.31	55.08	35.40	0.44
Bisenzio	Bisenzio_V-Fiume	443.1	Max WS	TR30_03h	169.03	204.60	207.72	207.04	208.07	0.004484	2.62	67.68	42.39	0.47
Bisenzio	Bisenzio_V-Fiume	443.1	Max WS	TR30_04h	187.54	204.60	207.85	207.16	208.22	0.004563	2.73	74.28	54.74	0.48
Bisenzio	Bisenzio_V-Fiume	443.1	Max WS	TR30_06h	194.85	204.60	207.90	207.20	208.28	0.004606	2.77	76.78	55.09	0.48
Bisenzio	Bisenzio_V-Fiume	443.1	Max WS	TR30_09h	185.72	204.60	207.84	207.15	208.21	0.004551	2.72	73.66	54.65	0.48
Bisenzio	Bisenzio_V-Fiume	443.1	Max WS	TR30_12h	173.11	204.60	207.75	207.07	208.10	0.004511	2.65	68.88	43.82	0.47
Bisenzio	Bisenzio_V-Fiume	443.1	Max WS	TR200_01h	180.88	204.60	207.81	207.12	208.17	0.004522	2.69	71.97	54.25	0.48
Bisenzio	Bisenzio_V-Fiume	443.1	Max WS	TR200_02h	336.26	204.60	208.66	208.09	209.18	0.005034	3.34	121.77	63.12	0.51
Bisenzio	Bisenzio_V-Fiume	443.1	Max WS	TR200_03h	395.14	204.60	208.94	208.35	209.50	0.005200	3.51	138.77	58.81	0.51
Bisenzio	Bisenzio_V-Fiume	443.1	Max WS	TR200_06h	389.75	204.60	208.91	208.32	209.47	0.005196	3.50	137.32	58.70	0.51
Bisenzio	Bisenzio_V-Fiume	443.1	Max WS	TR200_09h	353.38	204.60	208.74	208.16	209.27	0.005065	3.39	126.83	63.62	0.51
Bisenzio	Bisenzio_V-Fiume	443.1	Max WS	TR200_12h	319.42	204.60	208.58	208.01	209.08	0.005005	3.28	116.66	62.52	0.50
Bisenzio	Bisenzio_V-Fiume	443	Max WS	TR30_01h	52.57	204.60	206.63	206.05	206.77	0.003552	1.64	32.07	27.26	0.48
Bisenzio	Bisenzio_V-Fiume	443	Max WS	TR30_02h	125.01	204.60	207.38	206.76	207.65	0.004235	2.32	54.69	35.33	0.44
Bisenzio	Bisenzio_V-Fiume	443	Max WS	TR30_03h	169.03	204.60	207.71	207.05	208.06	0.004567	2.64	67.17	42.12	0.47
Bisenzio	Bisenzio_V-Fiume	443	Max WS	TR30_04h	187.54	204.60	207.84	207.16	208.22	0.004643	2.74	73.65	54.65	0.48
Bisenzio	Bisenzio_V-Fiume	443	Max WS	TR30_06h	194.85	204.60	207.88	207.21	208.27	0.004689	2.79	76.10	55.00	0.49
Bisenzio	Bisenzio_V-Fiume	443	Max WS	TR30_09h	185.72	204.60	207.83	207.15	208.20	0.004630	2.73	73.03	54.56	0.48
Bisenzio	Bisenzio_V-Fiume	443	Max WS	TR30_12h	173.11	204.60	207.74	207.07	208.09	0.004591	2.66	68.37	42.74	0.48
Bisenzio	Bisenzio_V-Fiume	443	Max WS	TR200_01h	180.87	204.60	207.80	207.12	208.17	0.004592	2.70	71.36	53.93	0.48
Bisenzio	Bisenzio_V-Fiume	443	Max WS	TR200_02h	336.27	204.60	208.64	208.09	209.17	0.005122	3.36	120.85	63.01	0.51
Bisenzio	Bisenzio_V-Fiume	443	Max WS	TR200_03h	395.15	204.60	208.92	208.35	209.49	0.005289	3.53	137.86	58.74	0.51
Bisenzio	Bisenzio_V-Fiume	443	Max WS	TR200_06h	389.75	204.60	208.90	208.32	209.46	0.005284	3.52	136.43	58.63	0.51
Bisenzio	Bisenzio_V-Fiume	443	Max WS	TR200_09h	353.39	204.60	208.72	208.17	209.26	0.005140	3.41	126.04	63.56	0.51
Bisenzio	Bisenzio_V-Fiume	443	Max WS	TR200_12h	319.42	204.60	208.56	208.01	209.07	0.005092	3.30	115.76	62.41	0.51
Bisenzio	Bisenzio_V-Fiume	442	Max WS	TR30_01h	52.57	204.44	206.46	205.78	206.55	0.002141	1.35	38.90	28.89	0.37
Bisenzio	Bisenzio_V-Fiume	442	Max WS	TR30_02h	125.01	204.44	207.14	206.34	207.36	0.003032	2.08	63.89	42.99	0.47
Bisenzio	Bisenzio_V-Fiume	442	Max WS	TR30_03h	169.03	204.44	207.45	206.64	207.73	0.003365	2.40	77.39	47.42	0.50
Bisenzio	Bisenzio_V-Fiume	442	Max WS	TR30_04h	187.54	204.44	207.56	206.77	207.87	0.003460	2.51	82.94	48.13	0.51
Bisenzio	Bisenzio_V-Fiume	442	Max WS	TR30_06h	194.87	204.44	207.61	206.81	207.93	0.003494	2.55	85.09	48.40	0.52
Bisenzio	Bisenzio_V-Fiume	442	Max WS	TR30_09h	185.75	204.44	207.55	206.76	207.86	0.003452	2.50	82.41	48.06	0.51
Bisenzio	Bisenzio_V-Fiume	442	Max WS	TR30_12h	173.14	204.44	207.47	206.67	207.76	0.003388	2.42	78.64	47.58	0.50
Bisenzio	Bisenzio_V-Fiume	442	Max WS	TR200_01h	180.85	204.44	207.52	206.72	207.82	0.003427	2.47	80.96	47.88	0.51
Bisenzio	Bisenzio_V-Fiume	442	Max WS	TR200_02h	336.26	204.44	208.35	207.59	208.83	0.003914	3.21	122.21	51.64	0.57
Bisenzio	Bisenzio_V-Fiume	442	Max WS	TR200_03h	395.15	204.44	208.61	207.83	209.15	0.004019	3.43	135.89	52.35	0.59
Bisenzio	Bisenzio_V-Fiume	442	Max WS	TR200_06h	389.81	204.44	208.59	207.81	209.12	0.004011	3.41	134.68	52.29	0.58
Bisenzio	Bisenzio_V-Fiume	442	Max WS	TR200_09h	353.46	204.44								

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio_V-Fiume	440	Max WS	TR200_12h	319.50	202.73	207.25		207.62	0.002257	2.73	124.18	44.33	0.43
Bisenzio	Bisenzio_V-Fiume	439	Max WS	TR30_01h	52.51	202.17	204.07		204.31	0.005022	2.16	24.31	17.19	0.58
Bisenzio	Bisenzio_V-Fiume	439	Max WS	TR30_02h	124.98	202.17	205.01		205.47	0.005832	3.00	41.71	19.72	0.66
Bisenzio	Bisenzio_V-Fiume	439	Max WS	TR30_03h	169.01	202.17	205.45		206.02	0.006096	3.33	50.68	20.90	0.68
Bisenzio	Bisenzio_V-Fiume	439	Max WS	TR30_04h	187.53	202.17	205.63		206.23	0.006081	3.45	54.42	22.50	0.69
Bisenzio	Bisenzio_V-Fiume	439	Max WS	TR30_06h	194.89	202.17	205.69		206.32	0.006065	3.49	55.95	23.20	0.69
Bisenzio	Bisenzio_V-Fiume	439	Max WS	TR30_09h	185.76	202.17	205.62		206.22	0.006057	3.44	54.14	22.37	0.69
Bisenzio	Bisenzio_V-Fiume	439	Max WS	TR30_12h	173.20	202.17	205.50		206.07	0.006044	3.35	51.68	21.20	0.68
Bisenzio	Bisenzio_V-Fiume	439	Max WS	TR200_01h	180.73	202.17	205.56		206.16	0.006109	3.41	52.98	21.83	0.69
Bisenzio	Bisenzio_V-Fiume	439	Max WS	TR200_02h	336.14	202.17	206.72		207.60	0.005840	4.21	86.60	36.64	0.71
Bisenzio	Bisenzio_V-Fiume	439	Max WS	TR200_03h	395.14	202.17	207.06		208.03	0.005765	4.44	99.67	39.97	0.72
Bisenzio	Bisenzio_V-Fiume	439	Max WS	TR200_06h	389.89	202.17	207.04		208.00	0.005737	4.41	98.76	39.75	0.72
Bisenzio	Bisenzio_V-Fiume	439	Max WS	TR200_09h	353.57	202.17	206.83		207.74	0.005777	4.27	90.73	37.72	0.71
Bisenzio	Bisenzio_V-Fiume	439	Max WS	TR200_12h	319.62	202.17	206.63		207.48	0.005791	4.12	83.35	35.76	0.71
Bisenzio	Bisenzio_V-Fiume	437	Max WS	TR30_01h	52.48	201.82	203.43		203.72	0.007745	2.37	22.18	19.32	0.71
Bisenzio	Bisenzio_V-Fiume	437	Max WS	TR30_02h	124.96	201.82	204.37		204.82	0.006441	2.96	43.02	27.85	0.69
Bisenzio	Bisenzio_V-Fiume	437	Max WS	TR30_03h	169.00	201.82	204.82		205.33	0.005793	3.15	55.89	32.00	0.67
Bisenzio	Bisenzio_V-Fiume	437	Max WS	TR30_04h	187.53	201.82	205.00		205.53	0.005512	3.24	62.30	36.04	0.66
Bisenzio	Bisenzio_V-Fiume	437	Max WS	TR30_06h	194.91	201.82	205.08		205.60	0.005364	3.26	64.99	36.23	0.66
Bisenzio	Bisenzio_V-Fiume	437	Max WS	TR30_09h	185.79	201.82	204.99		205.51	0.005477	3.23	62.00	36.01	0.66
Bisenzio	Bisenzio_V-Fiume	437	Max WS	TR30_12h	173.25	201.82	204.88		205.38	0.005612	3.17	57.75	33.89	0.66
Bisenzio	Bisenzio_V-Fiume	437	Max WS	TR200_01h	180.53	201.82	204.93		205.45	0.005699	3.24	59.57	35.83	0.67
Bisenzio	Bisenzio_V-Fiume	437	Max WS	TR200_02h	336.12	201.82	206.13		206.77	0.004593	3.68	104.81	39.64	0.63
Bisenzio	Bisenzio_V-Fiume	437	Max WS	TR200_03h	395.14	201.82	206.48		207.18	0.004545	3.86	119.14	41.82	0.64
Bisenzio	Bisenzio_V-Fiume	437	Max WS	TR200_06h	389.97	201.82	206.47		207.15	0.004501	3.83	118.38	41.73	0.63
Bisenzio	Bisenzio_V-Fiume	437	Max WS	TR200_09h	353.68	201.82	206.25		206.90	0.004519	3.72	109.66	40.44	0.63
Bisenzio	Bisenzio_V-Fiume	437	Max WS	TR200_12h	319.73	201.82	206.05		206.66	0.004512	3.60	101.58	39.16	0.63
Bisenzio	Bisenzio_V-Fiume	436	Max WS	TR30_01h	52.47	201.78	203.31		203.57	0.006952	2.26	23.25	20.04	0.67
Bisenzio	Bisenzio_V-Fiume	436	Max WS	TR30_02h	125.13	201.78	204.27		204.67	0.005913	2.82	44.34	23.79	0.66
Bisenzio	Bisenzio_V-Fiume	436	Max WS	TR30_03h	169.66	201.78	204.73		205.20	0.005799	3.05	55.70	26.14	0.67
Bisenzio	Bisenzio_V-Fiume	436	Max WS	TR30_04h	188.58	201.78	204.91		205.40	0.005726	3.11	60.57	27.22	0.67
Bisenzio	Bisenzio_V-Fiume	436	Max WS	TR30_06h	196.42	201.78	204.98		205.48	0.005703	3.14	62.54	27.65	0.67
Bisenzio	Bisenzio_V-Fiume	436	Max WS	TR30_09h	187.36	201.78	204.90		205.39	0.005723	3.11	60.29	27.16	0.67
Bisenzio	Bisenzio_V-Fiume	436	Max WS	TR30_12h	174.88	201.78	204.78		205.26	0.005772	3.06	57.08	26.45	0.67
Bisenzio	Bisenzio_V-Fiume	436	Max WS	TR200_01h	180.72	201.78	204.83		205.32	0.005757	3.09	58.55	26.78	0.67
Bisenzio	Bisenzio_V-Fiume	436	Max WS	TR200_02h	337.49	201.78	206.02		206.67	0.005310	3.58	94.98	34.22	0.67
Bisenzio	Bisenzio_V-Fiume	436	Max WS	TR200_03h	397.81	201.78	206.35		207.08	0.005208	3.78	106.59	34.60	0.67
Bisenzio	Bisenzio_V-Fiume	436	Max WS	TR200_06h	393.65	201.78	206.33		207.05	0.005208	3.77	105.85	34.57	0.67
Bisenzio	Bisenzio_V-Fiume	436	Max WS	TR200_09h	357.18	201.78	206.13		206.81	0.005290	3.65	98.74	34.34	0.67
Bisenzio	Bisenzio_V-Fiume	436	Max WS	TR200_12h	323.00	201.78	205.93		206.56	0.005364	3.54	91.95	34.12	0.67
Bisenzio	Bisenzio_V-Fiume	434	Max WS	TR30_01h	52.43	200.76	202.69		202.90	0.004167	2.01	26.05	17.78	0.53
Bisenzio	Bisenzio_V-Fiume	434	Max WS	TR30_02h	125.10	200.76	203.68		204.07	0.004852	2.75	45.43	21.41	0.60
Bisenzio	Bisenzio_V-Fiume	434	Max WS	TR30_03h	169.64	200.76	204.12		204.60	0.005150	3.08	55.13	26.12	0.63
Bisenzio	Bisenzio_V-Fiume	434	Max WS	TR30_04h	188.57	200.76	204.30		204.82	0.005182	3.18	59.28	26.80	0.64
Bisenzio	Bisenzio_V-Fiume	434	Max WS	TR30_06h	196.45	200.76	204.37		204.90	0.005217	3.23	60.88	27.05	0.64
Bisenzio	Bisenzio_V-Fiume	434	Max WS	TR30_09h	187.40	200.76	204.29		204.80	0.005172	3.17	59.06	26.76	0.64
Bisenzio	Bisenzio_V-Fiume	434	Max WS	TR30_12h	174.95	200.76	204.17		204.66	0.005162	3.11	56.29	26.31	0.63
Bisenzio	Bisenzio_V-Fiume	434	Max WS	TR200_01h	180.64	200.76	204.23		204.73	0.005158	3.14	57.60	26.53	0.64
Bisenzio	Bisenzio_V-Fiume	434	Max WS	TR200_02h	337.45	200.76	205.36		206.15	0.005814	3.94	85.57	34.26	0.69
Bisenzio	Bisenzio_V-Fiume	434	Max WS	TR200_03h	397.79	200.76	205.74		206.61	0.005749	4.14	98.64	35.71	0.70
Bisenzio	Bisenzio_V-Fiume	434	Max WS	TR200_06h	393.77	200.76	205.72		206.58	0.005736	4.13	97.90	35.67	0.70
Bisenzio	Bisenzio_V-Fiume	434	Max WS	TR200_09h	357.33	200.76	205.52		206.32	0.005644	3.98	90.78	35.32	0.69
Bisenzio	Bisenzio_V-Fiume	434	Max WS	TR200_12h	323.15	200.76	205.27		206.04	0.005759	3.88	83.30	34.11	0.69
Bisenzio	Bisenzio_V-Fiume	433	Max WS	TR30_01h	52.42	200.62	202.61		202.80	0.003985	1.93	27.22	19.30	0.52
Bisenzio	Bisenzio_V-Fiume	433	Max WS	TR30_02h	125.10	200.62	203.59		203.94	0.004431	2.62	47.76	22.57	0.57
Bisenzio	Bisenzio_V-Fiume	433	Max WS	TR30_03h	169.64	200.62	204.02		204.46	0.004738	2.94	57.79	24.01	0.60
Bisenzio	Bisenzio_V-Fiume	433	Max WS	TR30_04h	188.56	200.62	204.19		204.66	0.004793	3.04	62.52	32.05	0.61
Bisenzio	Bisenzio_V-Fiume	433	Max WS	TR30_06h	196.46	200.62	204.26		204.74	0.004805	3.09	64.66	32.33	0.61
Bisenzio	Bisenzio_V-Fiume	433	Max WS	TR30_09h	187.41	200.62	204.18		204.65	0.004787	3.04	62.23	32.01	0.61
Bisenzio	Bisenzio_V-Fiume	433	Max WS	TR30_12h	174.97	200.62	204.07		204.52	0.004751	2.96	59.02	25.01	0.61
Bisenzio	Bisenzio_V-Fiume	433	Max WS	TR200_01h	180.63	200.62	204.12		204.58	0.004787	3.00	60.31	30.15	0.61
Bisenzio	Bisenzio_V-Fiume	433	Max WS	TR200_02h	337.42	200.62	205.23		205.90	0.004966	3.67	98.41	36.95	0.65
Bisenzio	Bisenzio_V-Fiume	433	Max WS	TR200_03h	397.79	200.62	205.58		206.31	0.004987	3.86	111.44	37.89	0.66
Bisenzio	Bisenzio_V-Fiume	433	Max WS	TR200_06h	393.79	200.62	205.56		206.29	0.004981	3.84	110.65	37.84	0.66
Bisenzio	Bisenzio_V-Fiume	433	Max WS	TR200_09h	357.36	200.62	205.36		206.04	0.004957	3.73	102.93	37.28	0.65
Bisenzio	Bisenzio_V-Fiume	433	Max WS	TR200_12h	323.18	200.62	205.15		205.80	0.004953	3.62	95.25	36.60	0.65
Bisenzio	Bisenzio_V-Fiume	432.50	Max WS	TR30_01h	52.41	200.32	202.34		202.55	0.004583	2.01	26.12	19.55	0.55
Bisenzio	Bisenzio_V-Fiume	432.50	Max WS	TR30_02h	125.09	200.32	203.30		203.67	0.004872	2.69	46.57	23.07	0.60
Bisenzio	Bisenzio_V-Fiume	432.50	Max WS	TR30_03h	169.63	200.32	203.73		204.18	0.004957	2.98	58.02	27.90	0.62
Bisenzio	Bisenzio_V-Fiume	432.50	Max WS	TR30_04h	188.55	200.32	203.90		204.38	0.004921	3.07	62.85	28.39	0.63
Bisenzio	Bisenzio_V-Fiume	432.50	Max WS	TR30_06h	196.47	200.32	203.97		204.46	0.004917	3.11	64.78	28.59	0.63
Bisenzio	Bisenzio_V-Fiume	432.50	Max WS	TR30_09h	187.43	200.32	203.89		204.37	0.004918	3.07	62.60	28.37	0.63
Bisenzio	Bisenzio_V-Fiume	432.50	Max WS	TR30_12h	175.01	200.32	203.78		204.23					

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio_V-Fiume	431.50	Max WS	TR30_02h	125.08	199.99	202.67		203.11	0.006032	2.94	42.61	21.59	0.67
Bisenzio	Bisenzio_V-Fiume	431.50	Max WS	TR30_03h	169.62	199.99	203.05		203.61	0.006572	3.32	51.05	22.73	0.71
Bisenzio	Bisenzio_V-Fiume	431.50	Max WS	TR30_04h	188.56	199.99	203.20		203.81	0.006813	3.45	54.59	23.54	0.72
Bisenzio	Bisenzio_V-Fiume	431.50	Max WS	TR30_06h	196.50	199.99	203.27		203.90	0.006787	3.49	56.31	25.77	0.72
Bisenzio	Bisenzio_V-Fiume	431.50	Max WS	TR30_09h	187.48	199.99	203.19		203.80	0.006798	3.45	54.40	23.50	0.72
Bisenzio	Bisenzio_V-Fiume	431.50	Max WS	TR30_12h	175.08	199.99	203.09		203.67	0.006652	3.36	52.06	22.97	0.71
Bisenzio	Bisenzio_V-Fiume	431.50	Max WS	TR200_01h	180.56	199.99	203.14		203.73	0.006721	3.40	53.09	23.20	0.72
Bisenzio	Bisenzio_V-Fiume	431.50	Max WS	TR200_02h	337.36	199.99	204.16		205.10	0.007141	4.30	80.46	27.93	0.77
Bisenzio	Bisenzio_V-Fiume	431.50	Max WS	TR200_03h	397.79	199.99	204.50		205.55	0.007198	4.56	89.93	28.63	0.79
Bisenzio	Bisenzio_V-Fiume	431.50	Max WS	TR200_06h	393.98	199.99	204.48		205.52	0.007191	4.55	89.36	28.59	0.79
Bisenzio	Bisenzio_V-Fiume	431.50	Max WS	TR200_09h	357.60	199.99	204.28		205.25	0.007155	4.39	83.71	28.17	0.78
Bisenzio	Bisenzio_V-Fiume	431.50	Max WS	TR200_12h	323.45	199.99	204.08		204.99	0.007135	4.24	78.18	27.69	0.77
Bisenzio	Bisenzio_V-Fiume	431	Max WS	TR30_01h	52.38	199.95	201.55		201.72	0.004575	1.86	28.19	23.94	0.55
Bisenzio	Bisenzio_V-Fiume	431	Max WS	TR30_02h	125.07	199.95	202.34		202.67	0.005329	2.54	49.24	29.18	0.62
Bisenzio	Bisenzio_V-Fiume	431	Max WS	TR30_03h	169.62	199.95	202.68		203.09	0.005754	2.85	59.56	31.43	0.66
Bisenzio	Bisenzio_V-Fiume	431	Max WS	TR30_04h	188.55	199.95	202.81		203.26	0.005859	2.95	63.83	32.61	0.67
Bisenzio	Bisenzio_V-Fiume	431	Max WS	TR30_06h	196.52	199.95	202.86		203.32	0.005900	3.00	65.54	34.17	0.68
Bisenzio	Bisenzio_V-Fiume	431	Max WS	TR30_09h	187.51	199.95	202.81		203.25	0.005855	2.95	63.60	32.40	0.67
Bisenzio	Bisenzio_V-Fiume	431	Max WS	TR30_12h	175.12	199.95	202.72		203.14	0.005809	2.88	60.74	31.68	0.66
Bisenzio	Bisenzio_V-Fiume	431	Max WS	TR200_01h	180.54	199.95	202.76		203.19	0.005830	2.91	62.00	31.94	0.67
Bisenzio	Bisenzio_V-Fiume	431	Max WS	TR200_02h	337.34	199.95	203.68		204.30	0.005780	3.53	101.14	47.86	0.70
Bisenzio	Bisenzio_V-Fiume	431	Max WS	TR200_03h	397.79	199.95	203.99		204.66	0.005376	3.67	116.19	48.30	0.69
Bisenzio	Bisenzio_V-Fiume	431	Max WS	TR200_06h	394.04	199.95	203.97		204.64	0.005394	3.67	115.31	48.27	0.69
Bisenzio	Bisenzio_V-Fiume	431	Max WS	TR200_09h	357.69	199.95	203.79		204.42	0.005613	3.58	106.42	48.02	0.69
Bisenzio	Bisenzio_V-Fiume	431	Max WS	TR200_12h	323.53	199.95	203.60		204.21	0.005919	3.50	97.41	47.75	0.70
Bisenzio	Bisenzio_V-Fiume	430	Max WS	TR30_01h	52.38	200.10	201.48	201.22	201.69	0.007185	2.02	25.92	26.02	0.65
Bisenzio	Bisenzio_V-Fiume	430	Max WS	TR30_02h	125.07	200.10	202.28	201.83	202.63	0.006181	2.63	47.48	27.99	0.65
Bisenzio	Bisenzio_V-Fiume	430	Max WS	TR30_03h	169.62	200.10	202.62	202.13	203.07	0.006408	2.97	57.24	32.17	0.67
Bisenzio	Bisenzio_V-Fiume	430	Max WS	TR30_04h	188.56	200.10	202.75	202.25	203.24	0.006381	3.09	61.82	34.62	0.68
Bisenzio	Bisenzio_V-Fiume	430	Max WS	TR30_06h	196.52	200.10	202.80	202.30	203.31	0.006408	3.14	63.59	34.85	0.68
Bisenzio	Bisenzio_V-Fiume	430	Max WS	TR30_09h	187.52	200.10	202.75	202.25	203.23	0.006381	3.08	61.58	34.58	0.68
Bisenzio	Bisenzio_V-Fiume	430	Max WS	TR30_12h	175.13	200.10	202.66	202.17	203.12	0.006408	3.01	58.53	33.75	0.67
Bisenzio	Bisenzio_V-Fiume	430	Max WS	TR200_01h	180.54	200.10	202.70	202.20	203.17	0.006397	3.04	59.87	34.35	0.67
Bisenzio	Bisenzio_V-Fiume	430	Max WS	TR200_02h	337.34	200.10	203.62	203.14	204.32	0.006144	3.77	99.02	48.95	0.70
Bisenzio	Bisenzio_V-Fiume	430	Max WS	TR200_03h	397.79	200.10	203.93	203.46	204.68	0.005923	3.95	114.12	49.78	0.70
Bisenzio	Bisenzio_V-Fiume	430	Max WS	TR200_06h	394.05	200.10	203.91	203.43	204.66	0.005933	3.94	113.23	49.73	0.70
Bisenzio	Bisenzio_V-Fiume	430	Max WS	TR200_09h	357.70	200.10	203.73	203.25	204.45	0.006053	3.83	104.28	49.25	0.70
Bisenzio	Bisenzio_V-Fiume	430	Max WS	TR200_12h	323.55	200.10	203.55	203.07	204.23	0.006216	3.73	95.34	48.73	0.70
Bisenzio	Bisenzio_V-Fiume	429.5			Inl Struct									
Bisenzio	Bisenzio_V-Fiume	429	Max WS	TR30_01h	52.37	197.17	199.11		199.28	0.003197	1.84	28.54	17.82	0.46
Bisenzio	Bisenzio_V-Fiume	429	Max WS	TR30_02h	125.07	197.17	199.93		200.34	0.005361	2.81	44.54	21.36	0.62
Bisenzio	Bisenzio_V-Fiume	429	Max WS	TR30_03h	169.62	197.17	200.31		200.84	0.005989	3.22	52.67	22.06	0.67
Bisenzio	Bisenzio_V-Fiume	429	Max WS	TR30_04h	188.55	197.17	200.46		201.04	0.006184	3.37	55.97	22.34	0.68
Bisenzio	Bisenzio_V-Fiume	429	Max WS	TR30_06h	196.52	197.17	200.52		201.12	0.006258	3.43	57.34	22.45	0.68
Bisenzio	Bisenzio_V-Fiume	429	Max WS	TR30_09h	187.52	197.17	200.45		201.02	0.006169	3.36	55.81	22.32	0.68
Bisenzio	Bisenzio_V-Fiume	429	Max WS	TR30_12h	175.12	197.17	200.35		200.90	0.006044	3.26	53.65	22.14	0.67
Bisenzio	Bisenzio_V-Fiume	429	Max WS	TR200_01h	180.53	197.17	200.39		200.95	0.006108	3.31	54.57	22.22	0.67
Bisenzio	Bisenzio_V-Fiume	429	Max WS	TR200_02h	337.33	197.17	201.45		202.38	0.007207	4.26	79.18	24.20	0.75
Bisenzio	Bisenzio_V-Fiume	429	Max WS	TR200_03h	397.79	197.17	201.77		202.84	0.007640	4.57	87.03	24.80	0.78
Bisenzio	Bisenzio_V-Fiume	429	Max WS	TR200_06h	394.05	197.17	201.76		202.81	0.007601	4.55	86.61	24.77	0.78
Bisenzio	Bisenzio_V-Fiume	429	Max WS	TR200_09h	357.69	197.17	201.57		202.54	0.007340	4.36	81.95	24.42	0.76
Bisenzio	Bisenzio_V-Fiume	429	Max WS	TR200_12h	323.54	197.17	201.38		202.27	0.007095	4.18	77.34	24.06	0.75
Bisenzio	Bisenzio_V-Fiume	428	Max WS	TR30_01h	52.36	196.57	198.13		198.53	0.015497	2.79	18.77	20.85	0.94
Bisenzio	Bisenzio_V-Fiume	428	Max WS	TR30_02h	125.06	196.57	198.93		199.53	0.011598	3.42	36.54	23.77	0.88
Bisenzio	Bisenzio_V-Fiume	428	Max WS	TR30_03h	169.61	196.57	199.32		200.01	0.010694	3.68	46.09	25.21	0.87
Bisenzio	Bisenzio_V-Fiume	428	Max WS	TR30_04h	188.55	196.57	199.47		200.20	0.010363	3.77	50.04	26.00	0.86
Bisenzio	Bisenzio_V-Fiume	428	Max WS	TR30_06h	196.55	196.57	199.54		200.27	0.010187	3.80	51.73	26.88	0.86
Bisenzio	Bisenzio_V-Fiume	428	Max WS	TR30_09h	187.56	196.57	199.47		200.19	0.010344	3.76	49.89	25.92	0.86
Bisenzio	Bisenzio_V-Fiume	428	Max WS	TR30_12h	175.19	196.57	199.37		200.07	0.010544	3.70	47.34	25.39	0.87
Bisenzio	Bisenzio_V-Fiume	428	Max WS	TR200_01h	180.50	196.57	199.41		200.12	0.010528	3.73	48.34	25.53	0.87
Bisenzio	Bisenzio_V-Fiume	428	Max WS	TR200_02h	337.31	196.57	200.44		201.35	0.008594	4.28	85.39	41.38	0.83
Bisenzio	Bisenzio_V-Fiume	428	Max WS	TR200_03h	397.79	196.57	200.76		201.73	0.008003	4.45	99.02	44.59	0.82
Bisenzio	Bisenzio_V-Fiume	428	Max WS	TR200_06h	394.16	196.57	200.75		201.71	0.007984	4.43	98.42	44.41	0.82
Bisenzio	Bisenzio_V-Fiume	428	Max WS	TR200_09h	357.84	196.57	200.56		201.48	0.008301	4.33	90.30	42.43	0.82
Bisenzio	Bisenzio_V-Fiume	428	Max WS	TR200_12h	323.70	196.57	200.37		201.26	0.008627	4.23	82.56	40.85	0.83
Bisenzio	Bisenzio_V-Fiume	426	Max WS	TR30_01h	52.32	194.60	196.86		197.09	0.004691	2.12	24.70	16.78	0.56
Bisenzio	Bisenzio_V-Fiume	426	Max WS	TR30_02h	125.06	194.60	197.89		198.29	0.005180	2.80	44.69	21.37	0.62
Bisenzio	Bisenzio_V-Fiume	426	Max WS	TR30_03h	169.61	194.60	198.34		198.83	0.005412	3.11	54.54	22.88	0.64
Bisenzio	Bisenzio_V-Fiume	426	Max WS	TR30_04h	188.56	194.60	198.51		199.04	0.005405	3.22	58.67	23.90	0.65
Bisenzio	Bisenzio_V-Fiume	426	Max WS	TR30_06h	196.54	194.60	198.59		199.13	0.005347	3.25	60.54	24.60	0.65
Bisenzio	Bisenzio_V-Fiume	426	Max WS	TR30_09h	187.58	194.60	198.51		199.03	0.005358	3.20	58.64	23.89	0.64
Bisenzio	Bisenzio_V-Fiume	426	Max WS	TR30_12h	175.22	194.60	198.40		198.90	0.005356	3.13	56.02	23.10	0.64
Bisenzio	Bisenzio_V-Fiume	426	Max WS	TR200_01h	180.45	194.60	198.43		198.95	0.005467	3.18	56.78	23.21	0.65
Bisenzio	Bisenzio_V-Fiume	426	Max WS	TR200_02h	337.30	194.60	199.64		200.40	0.004905	3.88	91.83	33.41	0.65
Bisenzio	Bisenzio_V-Fiume	426	Max WS	TR200_03h	397.80	194.60	199.99		200.84	0.004898	4.13	103.66	34.25	0.66
Bisenzio	Bisenzio_V-Fiume	426	Max WS	TR200_06h	394.20	194.60	199.98		200.82	0.004850	4.10	103.34	34.23	0.66
Bisenzio	Bisenzio_V-Fiume	426	Max WS	TR200_09h	357.91	194.60	199.78		200.56	0.004833	3.95	96.43	33.74	0.65
Bisenzio	Bisenzio_V-Fiume	426	Max WS	TR200_12h	323.76	194.60	199.58		200.30	0.004823	3.80	89.65	33.25	0.65
Bisenzio	Bisenzio_V-Fiume	425	Max WS	TR30_01h	52.32	194.64	196.81		196.97	0.002588	1.74	30.05	17.50	0.42
Bisenzio	Bisenzio_V-Fiume	425	Max WS	TR30_02h	125.13	194.64	197.81		198.14	0.003687	2.54	49.21	20.84	0.53
Bisenzio	Bisenzio_V-Fiume	425	Max WS	TR30_03h	169.92	194.64	198.24		198.67					

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio_V-Fiume	424	Max WS	TR30_03h	169.91	194.41	197.67	197.36	198.47	0.011920	3.94	43.13	18.64	0.70
Bisenzio	Bisenzio_V-Fiume	424	Max WS	TR30_04h	189.12	194.41	197.84	197.54	198.69	0.012376	4.10	46.17	19.08	0.71
Bisenzio	Bisenzio_V-Fiume	424	Max WS	TR30_06h	197.68	194.41	197.91	197.61	198.79	0.012549	4.16	47.52	19.28	0.71
Bisenzio	Bisenzio_V-Fiume	424	Max WS	TR30_09h	188.77	194.41	197.83	197.53	198.69	0.012364	4.09	46.12	19.08	0.71
Bisenzio	Bisenzio_V-Fiume	424	Max WS	TR30_12h	176.45	194.41	197.73	197.42	198.54	0.012080	3.99	44.18	18.80	0.70
Bisenzio	Bisenzio_V-Fiume	424	Max WS	TR200_01h	180.49	194.41	197.76	197.46	198.59	0.012187	4.03	44.80	18.89	0.70
Bisenzio	Bisenzio_V-Fiume	424	Max WS	TR200_02h	337.84	194.41	198.94	198.75	200.12	0.015366	4.82	70.38	31.23	0.72
Bisenzio	Bisenzio_V-Fiume	424	Max WS	TR200_03h	399.23	194.41	199.30	199.27	200.55	0.014759	4.98	83.88	40.00	0.72
Bisenzio	Bisenzio_V-Fiume	424	Max WS	TR200_06h	397.13	194.41	199.29	199.25	200.54	0.014772	4.97	83.43	39.83	0.72
Bisenzio	Bisenzio_V-Fiume	424	Max WS	TR200_09h	360.67	194.41	199.08	198.94	200.29	0.015180	4.89	75.32	36.52	0.72
Bisenzio	Bisenzio_V-Fiume	424	Max WS	TR200_12h	326.38	194.41	198.87	198.67	200.03	0.015238	4.77	68.51	27.55	0.72
Bisenzio	Bisenzio_V-Fiume	422	Max WS	TR30_01h	52.31	194.55	195.99	195.81	196.32	0.011733	2.55	20.50	19.49	0.68
Bisenzio	Bisenzio_V-Fiume	422	Max WS	TR30_02h	125.12	194.55	196.87	196.63	197.29	0.011395	2.87	43.66	32.71	0.60
Bisenzio	Bisenzio_V-Fiume	422	Max WS	TR30_03h	169.91	194.55	197.24	196.94	197.71	0.010113	3.05	55.78	33.58	0.59
Bisenzio	Bisenzio_V-Fiume	422	Max WS	TR30_04h	189.10	194.55	197.38	197.05	197.88	0.009751	3.11	60.73	33.92	0.59
Bisenzio	Bisenzio_V-Fiume	422	Max WS	TR30_06h	197.68	194.55	197.45	197.10	197.95	0.009606	3.14	62.92	34.08	0.59
Bisenzio	Bisenzio_V-Fiume	422	Max WS	TR30_09h	188.78	194.55	197.38	197.05	197.88	0.009752	3.11	60.66	33.92	0.59
Bisenzio	Bisenzio_V-Fiume	422	Max WS	TR30_12h	176.45	194.55	197.29	196.98	197.77	0.009975	3.07	57.49	33.70	0.59
Bisenzio	Bisenzio_V-Fiume	422	Max WS	TR200_01h	180.47	194.55	197.32	197.00	197.80	0.009914	3.08	58.50	33.77	0.59
Bisenzio	Bisenzio_V-Fiume	422	Max WS	TR200_02h	337.79	194.55	198.41	197.77	199.03	0.008135	3.49	96.68	36.35	0.57
Bisenzio	Bisenzio_V-Fiume	422	Max WS	TR200_03h	399.20	194.55	198.81	198.03	199.46	0.007401	3.58	112.97	41.53	0.55
Bisenzio	Bisenzio_V-Fiume	422	Max WS	TR200_06h	397.14	194.55	198.79	198.03	199.44	0.007416	3.58	112.46	41.51	0.55
Bisenzio	Bisenzio_V-Fiume	422	Max WS	TR200_09h	360.68	194.55	198.56	197.87	199.19	0.007815	3.53	102.89	41.04	0.56
Bisenzio	Bisenzio_V-Fiume	422	Max WS	TR200_12h	326.40	194.55	198.35	197.72	198.96	0.008110	3.45	94.48	36.21	0.57
Bisenzio	Bisenzio_V-Fiume	421	Max WS	TR30_01h	52.28	193.32	195.37		195.54	0.004063	1.86	28.12	21.92	0.52
Bisenzio	Bisenzio_V-Fiume	421	Max WS	TR30_02h	125.10	193.32	196.28		196.61	0.004168	2.56	49.24	24.48	0.57
Bisenzio	Bisenzio_V-Fiume	421	Max WS	TR30_03h	169.89	193.32	196.70		197.12	0.004200	2.87	59.96	25.57	0.59
Bisenzio	Bisenzio_V-Fiume	421	Max WS	TR30_04h	189.09	193.32	196.87		197.32	0.004183	2.99	64.16	25.88	0.59
Bisenzio	Bisenzio_V-Fiume	421	Max WS	TR30_06h	197.68	193.32	196.94		197.41	0.004177	3.04	66.00	26.02	0.59
Bisenzio	Bisenzio_V-Fiume	421	Max WS	TR30_09h	188.78	193.32	196.86		197.32	0.004183	2.98	64.10	25.88	0.59
Bisenzio	Bisenzio_V-Fiume	421	Max WS	TR30_12h	176.47	193.32	196.76		197.19	0.004191	2.91	61.43	25.68	0.59
Bisenzio	Bisenzio_V-Fiume	421	Max WS	TR200_01h	180.42	193.32	196.79		197.23	0.004192	2.93	62.28	25.74	0.59
Bisenzio	Bisenzio_V-Fiume	421	Max WS	TR200_02h	337.75	193.32	197.92		198.64	0.004251	3.78	92.36	27.90	0.63
Bisenzio	Bisenzio_V-Fiume	421	Max WS	TR200_03h	399.19	193.32	198.29		199.11	0.004288	4.05	103.31	31.71	0.65
Bisenzio	Bisenzio_V-Fiume	421	Max WS	TR200_06h	397.15	193.32	198.27		199.10	0.004284	4.04	102.97	31.65	0.64
Bisenzio	Bisenzio_V-Fiume	421	Max WS	TR200_09h	360.72	193.32	198.06		198.82	0.004240	3.87	96.49	28.18	0.64
Bisenzio	Bisenzio_V-Fiume	421	Max WS	TR200_12h	326.44	193.32	197.85		198.55	0.004239	3.72	90.43	27.77	0.63
Bisenzio	Bisenzio_V-Fiume	420	Max WS	TR30_01h	52.25	193.09	194.40		194.70	0.009140	2.40	21.75	20.76	0.75
Bisenzio	Bisenzio_V-Fiume	420	Max WS	TR30_02h	125.08	193.09	195.24		195.73	0.007995	3.08	40.56	23.32	0.75
Bisenzio	Bisenzio_V-Fiume	420	Max WS	TR30_03h	169.88	193.09	195.63		196.23	0.007905	3.41	49.86	24.12	0.76
Bisenzio	Bisenzio_V-Fiume	420	Max WS	TR30_04h	189.08	193.09	195.79		196.42	0.007912	3.53	53.53	24.44	0.76
Bisenzio	Bisenzio_V-Fiume	420	Max WS	TR30_06h	197.69	193.09	195.85		196.51	0.007915	3.58	55.15	24.57	0.76
Bisenzio	Bisenzio_V-Fiume	420	Max WS	TR30_09h	188.79	193.09	195.78		196.42	0.007910	3.53	53.48	24.43	0.76
Bisenzio	Bisenzio_V-Fiume	420	Max WS	TR30_12h	176.51	193.09	195.69		196.29	0.007904	3.45	51.15	24.23	0.76
Bisenzio	Bisenzio_V-Fiume	420	Max WS	TR200_01h	180.37	193.09	195.72		196.33	0.007909	3.48	51.88	24.30	0.76
Bisenzio	Bisenzio_V-Fiume	420	Max WS	TR200_02h	337.56	193.09	196.84		197.74	0.007607	4.20	80.36	26.61	0.77
Bisenzio	Bisenzio_V-Fiume	420	Max WS	TR200_03h	399.15	193.09	197.24		198.22	0.007357	4.37	91.26	27.44	0.77
Bisenzio	Bisenzio_V-Fiume	420	Max WS	TR200_06h	397.19	193.09	197.23		198.20	0.007355	4.37	90.96	27.42	0.77
Bisenzio	Bisenzio_V-Fiume	420	Max WS	TR200_09h	360.81	193.09	197.00		197.93	0.007444	4.26	84.76	26.95	0.77
Bisenzio	Bisenzio_V-Fiume	420	Max WS	TR200_12h	326.54	193.09	196.76		197.65	0.007637	4.16	78.45	26.46	0.77
Bisenzio	Bisenzio_V-Fiume	419	Max WS	TR30_01h	52.24	192.47	193.98		194.25	0.007486	2.30	22.77	20.64	0.69
Bisenzio	Bisenzio_V-Fiume	419	Max WS	TR30_02h	125.07	192.47	194.88		195.33	0.006130	3.00	42.95	28.34	0.69
Bisenzio	Bisenzio_V-Fiume	419	Max WS	TR30_03h	169.88	192.47	195.26		195.82	0.006007	3.35	55.00	32.71	0.70
Bisenzio	Bisenzio_V-Fiume	419	Max WS	TR30_04h	189.08	192.47	195.41		196.00	0.005958	3.47	59.86	33.17	0.70
Bisenzio	Bisenzio_V-Fiume	419	Max WS	TR30_06h	197.70	192.47	195.47		196.08	0.005939	3.53	61.98	33.37	0.71
Bisenzio	Bisenzio_V-Fiume	419	Max WS	TR30_09h	188.79	192.47	195.41		196.00	0.005956	3.47	59.80	33.16	0.70
Bisenzio	Bisenzio_V-Fiume	419	Max WS	TR30_12h	176.52	192.47	195.31		195.88	0.005985	3.39	56.72	32.87	0.70
Bisenzio	Bisenzio_V-Fiume	419	Max WS	TR200_01h	180.35	192.47	195.34		195.92	0.005980	3.42	57.67	32.96	0.70
Bisenzio	Bisenzio_V-Fiume	419	Max WS	TR200_02h	337.49	192.47	196.44		197.24	0.005254	4.11	97.74	39.88	0.70
Bisenzio	Bisenzio_V-Fiume	419	Max WS	TR200_03h	399.10	192.47	196.86		197.68	0.004806	4.24	114.44	41.03	0.68
Bisenzio	Bisenzio_V-Fiume	419	Max WS	TR200_06h	397.17	192.47	196.85		197.67	0.004810	4.23	114.01	41.00	0.68
Bisenzio	Bisenzio_V-Fiume	419	Max WS	TR200_09h	360.82	192.47	196.62		197.41	0.004996	4.14	104.69	40.36	0.69
Bisenzio	Bisenzio_V-Fiume	419	Max WS	TR200_12h	326.56	192.47	196.37		197.16	0.005329	4.08	94.84	39.67	0.70
Bisenzio	Bisenzio_V-Fiume	418	Max WS	TR30_01h	52.23	192.04	193.75	193.51	194.11	0.008666	2.67	19.61	15.54	0.65
Bisenzio	Bisenzio_V-Fiume	418	Max WS	TR30_02h	125.07	192.04	194.67	194.46	195.32	0.009043	3.61	38.71	26.60	0.70
Bisenzio	Bisenzio_V-Fiume	418	Max WS	TR30_03h	169.88	192.04	195.05	194.90	195.83	0.008826	4.06	49.12	29.28	0.72
Bisenzio	Bisenzio_V-Fiume	418	Max WS	TR30_04h	189.08	192.04	195.19	195.06	196.03	0.010096	4.22	53.41	30.32	0.73
Bisenzio	Bisenzio_V-Fiume	418	Max WS	TR30_06h	197.70	192.04	195.25	195.13	196.11	0.010208	4.29	55.30	30.76	0.73
Bisenzio	Bisenzio_V-Fiume	418	Max WS	TR30_09h	188.79	192.04	195.19	195.07	196.03	0.010090	4.22	53.35	30.30	0.73
Bisenzio	Bisenzio_V-Fiume	418	Max WS	TR30_12h	176.52	192.04	195.10	194.96	195.90	0.009917	4.12	50.63	29.65	0.73
Bisenzio	Bisenzio_V-Fiume	418	Max WS	TR200_01h	180.35	192.04	195.13	194.99	195.94	0.009980	4.15	51.46	29.85	0.73
Bisenzio	Bisenzio_V-Fiume	418	Max WS	TR200_02h	337.51	192.04	196.22	196.05	197.27	0.010410	4.94	87.37	35.37	0.71
Bisenzio	Bisenzio_V-Fiume	418	Max WS	TR200_03h	399.12	192.04	196.61	196.37	197.70	0.010215	5.10	101.57	36.95	0.69
Bisenzio	Bisenzio_V-Fiume	418	Max WS	TR200_06h	397.19	192.04	196.60	196.37	197.69	0.010207	5.09	101.19	36.91	0.69
Bisenzio	Bisenzio_V-Fiume	418	Max WS	TR200_09h	360.83	192.04	196.38	196.18	197.44	0.010226	4.98	93.20	36.02	0.70
Bisenzio	Bisenzio_V-Fiume	418	Max WS	TR200_12h	326.56	192.04	196.15	195.99	197.19	0.010417	4.90	84.93	35.08	0.71
Bisenzio	Bisenzio_V-Fiume	416	Max WS	TR30_01h	52.23	191.93	193.53	193.41	193.98	0.012133	2.98	17.56	14.87	0.75
Bisenzio	Bisenzio_V-Fiume	416	Max WS	TR30_02h	125.06	191.93	194.45	194.45	195.08	0.013351	3.60	37.92	31.35	0.71
Bisenzio	Bisenzio_V-Fiume	416	Max WS	TR30_03h	169.87	191.93	194.81	194.77	195.51	0.012771	3.81	49.90	34.18	0.69
Bisenzio	Bisenzio_V-Fiume													

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio_V-Fiume	415	Max WS	TR30_09h	188.79	191.15	194.11		194.68	0.006543	3.35	56.39	25.41	0.71
Bisenzio	Bisenzio_V-Fiume	415	Max WS	TR30_12h	176.52	191.15	194.01		194.55	0.006527	3.27	53.94	24.87	0.71
Bisenzio	Bisenzio_V-Fiume	415	Max WS	TR200_01h	180.30	191.15	194.04		194.59	0.006561	3.30	54.64	24.98	0.71
Bisenzio	Bisenzio_V-Fiume	415	Max WS	TR200_02h	337.26	191.15	195.34		196.05	0.004858	3.76	94.25	40.04	0.66
Bisenzio	Bisenzio_V-Fiume	415	Max WS	TR200_03h	398.98	191.15	195.81		196.53	0.004196	3.82	120.09	64.65	0.62
Bisenzio	Bisenzio_V-Fiume	415	Max WS	TR200_06h	397.10	191.15	195.80		196.51	0.004202	3.81	119.42	64.49	0.62
Bisenzio	Bisenzio_V-Fiume	415	Max WS	TR200_09h	360.80	191.15	195.55		196.26	0.004485	3.76	104.15	57.24	0.64
Bisenzio	Bisenzio_V-Fiume	415	Max WS	TR200_12h	326.54	191.15	195.25		195.96	0.004988	3.75	90.89	38.23	0.66
Bisenzio	Bisenzio_V-Fiume	414	Max WS	TR30_01h	52.20	190.36	192.24		192.42	0.004053	1.86	28.03	21.08	0.52
Bisenzio	Bisenzio_V-Fiume	414	Max WS	TR30_02h	125.05	190.36	193.02		193.39	0.005757	2.69	46.47	26.17	0.64
Bisenzio	Bisenzio_V-Fiume	414	Max WS	TR30_03h	169.88	190.36	193.39		193.85	0.006182	3.00	56.64	28.59	0.68
Bisenzio	Bisenzio_V-Fiume	414	Max WS	TR30_04h	189.12	190.36	193.54		194.03	0.006297	3.11	60.87	29.54	0.69
Bisenzio	Bisenzio_V-Fiume	414	Max WS	TR30_06h	197.90	190.36	193.61		194.11	0.006325	3.15	62.83	29.96	0.69
Bisenzio	Bisenzio_V-Fiume	414	Max WS	TR30_09h	189.02	190.36	193.54		194.03	0.006295	3.11	60.85	29.53	0.69
Bisenzio	Bisenzio_V-Fiume	414	Max WS	TR30_12h	176.81	190.36	193.45		193.92	0.006234	3.04	58.15	28.93	0.68
Bisenzio	Bisenzio_V-Fiume	414	Max WS	TR200_01h	180.28	190.36	193.47		193.95	0.006255	3.06	58.91	29.10	0.69
Bisenzio	Bisenzio_V-Fiume	414	Max WS	TR200_02h	337.11	190.36	194.96		195.44	0.003287	3.12	119.72	52.57	0.54
Bisenzio	Bisenzio_V-Fiume	414	Max WS	TR200_03h	399.00	190.36	195.46		195.94	0.002767	3.14	149.01	67.69	0.51
Bisenzio	Bisenzio_V-Fiume	414	Max WS	TR200_06h	397.56	190.36	195.45		195.93	0.002784	3.14	148.13	67.61	0.51
Bisenzio	Bisenzio_V-Fiume	414	Max WS	TR200_09h	361.39	190.36	195.15		195.63	0.003080	3.13	130.06	55.10	0.53
Bisenzio	Bisenzio_V-Fiume	414	Max WS	TR200_12h	327.12	190.36	194.86		195.34	0.003449	3.13	114.61	51.27	0.55
Bisenzio	Bisenzio_V-Fiume	413	Max WS	TR30_01h	52.18	189.95	191.55	191.11	191.73	0.005632	1.89	27.61	28.59	0.56
Bisenzio	Bisenzio_V-Fiume	413	Max WS	TR30_02h	125.03	189.95	192.33	191.83	192.68	0.006128	2.62	47.68	31.39	0.62
Bisenzio	Bisenzio_V-Fiume	413	Max WS	TR30_03h	169.88	189.95	192.71	192.14	193.15	0.006059	2.94	57.78	31.47	0.63
Bisenzio	Bisenzio_V-Fiume	413	Max WS	TR30_04h	189.11	189.95	192.86	192.25	193.34	0.006069	3.06	61.71	31.51	0.64
Bisenzio	Bisenzio_V-Fiume	413	Max WS	TR30_06h	197.90	189.95	192.93	192.31	193.42	0.006051	3.12	63.53	31.52	0.64
Bisenzio	Bisenzio_V-Fiume	413	Max WS	TR30_09h	189.01	189.95	192.86	192.26	193.34	0.006068	3.06	61.70	31.51	0.64
Bisenzio	Bisenzio_V-Fiume	413	Max WS	TR30_12h	176.81	189.95	192.76	192.17	193.22	0.006077	2.99	59.17	31.49	0.64
Bisenzio	Bisenzio_V-Fiume	413	Max WS	TR200_01h	180.25	189.95	192.79	192.20	193.25	0.006073	3.01	59.90	31.49	0.64
Bisenzio	Bisenzio_V-Fiume	413	Max WS	TR200_02h	337.12	189.95	194.54	193.07	195.05	0.003410	3.18	105.98	31.86	0.51
Bisenzio	Bisenzio_V-Fiume	413	Max WS	TR200_03h	398.99	189.95	195.07	193.38	195.62	0.003165	3.29	125.72	41.41	0.49
Bisenzio	Bisenzio_V-Fiume	413	Max WS	TR200_06h	397.55	189.95	195.06	193.37	195.61	0.003172	3.29	125.25	41.35	0.49
Bisenzio	Bisenzio_V-Fiume	413	Max WS	TR200_09h	361.39	189.95	194.72	193.19	195.26	0.003413	3.26	110.70	31.89	0.51
Bisenzio	Bisenzio_V-Fiume	413	Max WS	TR200_12h	327.12	189.95	194.43	193.02	194.94	0.003497	3.17	103.16	31.83	0.51
Bisenzio	Bisenzio_V-Fiume	412			Bridge									
Bisenzio	Bisenzio_V-Fiume	411.5	Max WS	TR30_01h	52.18	189.95	191.50		191.70	0.006343	1.97	26.49	28.23	0.59
Bisenzio	Bisenzio_V-Fiume	411.5	Max WS	TR30_02h	125.03	189.95	192.24		192.63	0.007122	2.75	45.52	31.38	0.67
Bisenzio	Bisenzio_V-Fiume	411.5	Max WS	TR30_03h	169.87	189.95	192.61		193.09	0.007095	3.09	55.04	31.45	0.68
Bisenzio	Bisenzio_V-Fiume	411.5	Max WS	TR30_04h	189.11	189.95	192.75		193.27	0.007126	3.22	58.72	31.48	0.69
Bisenzio	Bisenzio_V-Fiume	411.5	Max WS	TR30_06h	197.89	189.95	192.81		193.36	0.007135	3.28	60.37	31.50	0.69
Bisenzio	Bisenzio_V-Fiume	411.5	Max WS	TR30_09h	189.01	189.95	192.74		193.27	0.007125	3.22	58.71	31.48	0.69
Bisenzio	Bisenzio_V-Fiume	411.5	Max WS	TR30_12h	176.81	189.95	192.66		193.16	0.007103	3.14	56.39	31.46	0.68
Bisenzio	Bisenzio_V-Fiume	411.5	Max WS	TR200_01h	180.23	189.95	192.68		193.19	0.007111	3.16	57.04	31.47	0.69
Bisenzio	Bisenzio_V-Fiume	411.5	Max WS	TR200_02h	337.10	189.95	193.68		194.51	0.007348	4.05	83.29	31.68	0.73
Bisenzio	Bisenzio_V-Fiume	411.5	Max WS	TR200_03h	398.98	189.95	194.04		194.98	0.007271	4.30	92.86	31.75	0.73
Bisenzio	Bisenzio_V-Fiume	411.5	Max WS	TR200_06h	397.46	189.95	194.03		194.97	0.007272	4.29	92.63	31.75	0.73
Bisenzio	Bisenzio_V-Fiume	411.5	Max WS	TR200_09h	361.38	189.95	193.82		194.70	0.007358	4.16	86.95	31.71	0.73
Bisenzio	Bisenzio_V-Fiume	411.5	Max WS	TR200_12h	327.12	189.95	193.62		194.44	0.007328	4.00	81.81	31.67	0.72
Bisenzio	Bisenzio_V-Fiume	411	Max WS	TR30_01h	52.18	190.08	191.49		191.66	0.005671	1.82	28.72	29.37	0.59
Bisenzio	Bisenzio_V-Fiume	411	Max WS	TR30_02h	125.02	190.08	192.24		192.53	0.005152	2.39	52.21	32.38	0.60
Bisenzio	Bisenzio_V-Fiume	411	Max WS	TR30_03h	169.87	190.08	192.60		192.96	0.004914	2.66	64.04	32.87	0.60
Bisenzio	Bisenzio_V-Fiume	411	Max WS	TR30_04h	189.11	190.08	192.74		193.13	0.004883	2.76	68.63	33.06	0.61
Bisenzio	Bisenzio_V-Fiume	411	Max WS	TR30_06h	197.89	190.08	192.80		193.21	0.004868	2.81	70.67	33.14	0.61
Bisenzio	Bisenzio_V-Fiume	411	Max WS	TR30_09h	189.00	190.08	192.74		193.13	0.004882	2.76	68.61	33.06	0.61
Bisenzio	Bisenzio_V-Fiume	411	Max WS	TR30_12h	176.80	190.08	192.66		193.03	0.004899	2.70	65.73	32.94	0.60
Bisenzio	Bisenzio_V-Fiume	411	Max WS	TR200_01h	180.23	190.08	192.68		193.06	0.004896	2.72	66.53	32.97	0.60
Bisenzio	Bisenzio_V-Fiume	411	Max WS	TR200_02h	337.06	190.08	193.65		194.25	0.004844	3.43	99.33	34.30	0.63
Bisenzio	Bisenzio_V-Fiume	411	Max WS	TR200_03h	398.97	190.08	194.01		194.68	0.004724	3.63	111.70	34.78	0.63
Bisenzio	Bisenzio_V-Fiume	411	Max WS	TR200_06h	397.42	190.08	194.00		194.67	0.004725	3.62	111.41	34.77	0.63
Bisenzio	Bisenzio_V-Fiume	411	Max WS	TR200_09h	361.38	190.08	193.79		194.42	0.004834	3.52	103.97	34.48	0.63
Bisenzio	Bisenzio_V-Fiume	411	Max WS	TR200_12h	327.12	190.08	193.60		194.19	0.004838	3.39	97.47	34.22	0.63
Bisenzio	Bisenzio_V-Fiume	410	Max WS	TR30_01h	52.15	189.59	190.83		191.01	0.005580	1.89	27.60	26.70	0.59
Bisenzio	Bisenzio_V-Fiume	410	Max WS	TR30_02h	125.00	189.59	191.65		191.96	0.004940	2.46	50.88	29.99	0.60
Bisenzio	Bisenzio_V-Fiume	410	Max WS	TR30_03h	169.85	189.59	192.04		192.41	0.004797	2.69	63.10	31.57	0.61
Bisenzio	Bisenzio_V-Fiume	410	Max WS	TR30_04h	189.09	189.59	192.19		192.59	0.004796	2.80	67.71	33.40	0.61
Bisenzio	Bisenzio_V-Fiume	410	Max WS	TR30_06h	197.89	189.59	192.25		192.66	0.004783	2.84	69.87	34.35	0.62
Bisenzio	Bisenzio_V-Fiume	410	Max WS	TR30_09h	188.99	189.59	192.19		192.59	0.004795	2.79	67.69	33.39	0.61
Bisenzio	Bisenzio_V-Fiume	410	Max WS	TR30_12h	176.80	189.59	192.10		192.48	0.004807	2.73	64.77	31.88	0.61
Bisenzio	Bisenzio_V-Fiume	410	Max WS	TR200_01h	180.17	189.59	192.12		192.51	0.004802	2.75	65.58	32.30	0.61
Bisenzio	Bisenzio_V-Fiume	410	Max WS	TR200_02h	337.03	189.59	193.12		193.70	0.004643	3.39	103.16	43.59	0.63
Bisenzio	Bisenzio_V-Fiume	410	Max WS	TR200_03h	398.93	189.59	193.51		194.13	0.004304	3.50	121.13	47.80	0.62
Bisenzio	Bisenzio_V-Fiume	410	Max WS	TR200_06h	397.37	189.59	193.51		194.12	0.004306	3.49	120.74	47.74	0.62
Bisenzio	Bisenzio_V-Fiume	410	Max WS	TR200_09h	361.37	189.59	193.26		193.87	0.004584	3.46	109.43	45.79	0.63
Bisenzio	Bisenzio_V-Fiume	410	Max WS	TR200_12h	327.11	189.59	193.07		193.64	0.004645	3.36	100.80	42.61	0.63
Bisenzio	Bisenzio_V-Fiume	409	Max WS	TR30_01h	52.14	188.25	190.17		190.38	0.005118	2.05	25.39	19.54	0.58
Bisenzio	Bisenzio_V-Fiume	409	Max WS	TR30_02h	125.00	188.25	190.89		191.38	0.007428	3.09	40.42	21.91	0.73
Bisenzio	Bisenzio_V-Fiume	409	Max WS	TR30_03h	169.85	188.25	191.28		191.89	0.007798	3.46	49.07	23.14	0.76
Bisenzio	Bisenzio_V-Fiume	409	Max WS	TR30_04h	189.08	188.25	191.43		192.09	0.007785	3.60	52.52	23.40	0.76
Bisenzio	Bisenzio_V-Fiume	409	Max WS	TR30_06h	197.88	188.25	191.49		192.18	0.007776	3.66	54.07	23.51	0.77
Bisenzio	Bisenzio_V-Fiume	409	Max WS	TR30_09h	188.99	188.25	191.43		192.09	0.007784	3.60	52.51	23.40	0.76
Bisenzio	Bisenzio_V-Fiume	409	Max WS	TR30_12h	176.80	188.25	191.33		191.96</					

HEC-RAS Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Chl 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
Bisenzio	Bisenzio_V-Fiume	408	Max WS	TR30_12h	176.80	188.61	190.89	190.39	191.28	0.005706	2.77	63.73	33.78	0.64
Bisenzio	Bisenzio_V-Fiume	408	Max WS	TR200_01h	180.15	188.61	190.91	190.41	191.31	0.005686	2.79	64.56	33.81	0.64
Bisenzio	Bisenzio_V-Fiume	408	Max WS	TR200_02h	337.01	188.61	191.87	191.16	192.48	0.005485	3.47	97.12	37.00	0.66
Bisenzio	Bisenzio_V-Fiume	408	Max WS	TR200_03h	398.92	188.61	192.20	191.42	192.88	0.005314	3.66	110.99	41.74	0.66
Bisenzio	Bisenzio_V-Fiume	408	Max WS	TR200_06h	397.36	188.61	192.19	191.42	192.87	0.005318	3.66	110.65	41.73	0.66
Bisenzio	Bisenzio_V-Fiume	408	Max WS	TR200_09h	361.37	188.61	192.00	191.27	192.64	0.005421	3.55	102.58	41.45	0.66
Bisenzio	Bisenzio_V-Fiume	408	Max WS	TR200_12h	327.11	188.61	191.82	191.12	192.42	0.005470	3.43	95.36	34.20	0.66
Bisenzio	Bisenzio_V-Fiume	407.5			Inl Struct									
Bisenzio	Bisenzio_V-Fiume	407	Max WS	TR30_01h	52.14	186.34	187.69	187.82	188.33	0.024961	3.54	14.72	16.87	1.21
Bisenzio	Bisenzio_V-Fiume	407	Max WS	TR30_02h	124.99	186.34	188.52	188.65	189.38	0.017666	4.12	30.37	23.07	1.09
Bisenzio	Bisenzio_V-Fiume	407	Max WS	TR30_03h	169.85	186.34	188.87	189.04	189.84	0.016906	4.41	40.24	29.63	1.09
Bisenzio	Bisenzio_V-Fiume	407	Max WS	TR30_04h	189.08	186.34	189.00	189.17	190.01	0.016423	4.49	44.44	30.44	1.09
Bisenzio	Bisenzio_V-Fiume	407	Max WS	TR30_06h	197.88	186.34	189.07	189.22	190.09	0.016146	4.51	46.41	30.82	1.08
Bisenzio	Bisenzio_V-Fiume	407	Max WS	TR30_09h	188.98	186.34	189.01	189.17	190.01	0.016398	4.48	44.45	30.44	1.09
Bisenzio	Bisenzio_V-Fiume	407	Max WS	TR30_12h	176.80	186.34	188.92	189.08	189.91	0.016733	4.44	41.76	29.92	1.09
Bisenzio	Bisenzio_V-Fiume	407	Max WS	TR200_01h	180.15	186.34	188.94	189.11	189.94	0.016711	4.46	42.43	30.05	1.09
Bisenzio	Bisenzio_V-Fiume	407	Max WS	TR200_02h	336.96	186.34	189.92	189.95	191.11	0.012582	4.94	74.07	33.36	1.00
Bisenzio	Bisenzio_V-Fiume	407	Max WS	TR200_03h	398.92	186.34	190.26	190.24	191.51	0.011533	5.09	85.50	33.81	0.98
Bisenzio	Bisenzio_V-Fiume	407	Max WS	TR200_06h	397.35	186.34	190.25	190.23	191.50	0.011500	5.08	85.36	33.80	0.97
Bisenzio	Bisenzio_V-Fiume	407	Max WS	TR200_09h	361.36	186.34	190.06	190.07	191.27	0.012034	4.99	78.84	33.55	0.99
Bisenzio	Bisenzio_V-Fiume	407	Max WS	TR200_12h	327.11	186.34	189.87	189.91	191.04	0.012690	4.91	72.38	33.30	1.00
Bisenzio	Bisenzio_V-Fiume	406	Max WS	TR30_01h	52.13	186.08	187.29	187.33	187.84	0.006825	2.08	25.10	24.24	0.65
Bisenzio	Bisenzio_V-Fiume	406	Max WS	TR30_02h	124.98	186.08	188.17	188.20	188.52	0.005528	2.64	47.35	26.78	0.63
Bisenzio	Bisenzio_V-Fiume	406	Max WS	TR30_03h	169.84	186.08	188.53	188.57	188.98	0.005710	2.96	57.41	27.85	0.66
Bisenzio	Bisenzio_V-Fiume	406	Max WS	TR30_04h	189.07	186.08	188.68	188.72	189.16	0.005725	3.07	61.63	32.98	0.66
Bisenzio	Bisenzio_V-Fiume	406	Max WS	TR30_06h	197.87	186.08	188.75	188.79	189.25	0.005715	3.11	63.88	33.20	0.67
Bisenzio	Bisenzio_V-Fiume	406	Max WS	TR30_09h	188.98	186.08	188.68	188.72	189.16	0.005717	3.07	61.64	32.98	0.66
Bisenzio	Bisenzio_V-Fiume	406	Max WS	TR30_12h	176.80	186.08	188.59	188.63	189.05	0.005717	3.00	58.94	28.01	0.66
Bisenzio	Bisenzio_V-Fiume	406	Max WS	TR200_01h	180.13	186.08	188.61	188.65	189.08	0.005746	3.02	59.58	28.07	0.66
Bisenzio	Bisenzio_V-Fiume	406	Max WS	TR200_02h	336.95	186.08	189.64	189.68	190.32	0.005559	3.70	95.38	42.72	0.68
Bisenzio	Bisenzio_V-Fiume	406	Max WS	TR200_03h	398.90	186.08	189.98	189.99	190.73	0.005293	3.88	110.28	43.60	0.68
Bisenzio	Bisenzio_V-Fiume	406	Max WS	TR200_06h	397.31	186.08	189.98	189.99	190.72	0.005269	3.87	110.13	43.59	0.68
Bisenzio	Bisenzio_V-Fiume	406	Max WS	TR200_09h	361.36	186.08	189.78	189.79	190.49	0.005404	3.76	101.67	43.19	0.68
Bisenzio	Bisenzio_V-Fiume	406	Max WS	TR200_12h	327.11	186.08	189.59	189.60	190.26	0.005560	3.65	93.35	37.72	0.68
Bisenzio	Bisenzio_V-Fiume	405	Max WS	TR30_01h	52.11	185.38	186.73	186.77	187.28	0.007386	2.25	23.12	20.90	0.68
Bisenzio	Bisenzio_V-Fiume	405	Max WS	TR30_02h	124.97	185.38	187.68	187.72	188.06	0.006839	2.73	45.74	28.88	0.69
Bisenzio	Bisenzio_V-Fiume	405	Max WS	TR30_03h	169.83	185.38	188.08	188.12	188.52	0.006215	2.96	57.36	29.44	0.68
Bisenzio	Bisenzio_V-Fiume	405	Max WS	TR30_04h	189.06	185.38	188.23	188.27	188.70	0.006155	3.06	61.87	29.93	0.68
Bisenzio	Bisenzio_V-Fiume	405	Max WS	TR30_06h	197.88	185.38	188.30	188.34	188.78	0.006184	3.09	63.94	30.43	0.68
Bisenzio	Bisenzio_V-Fiume	405	Max WS	TR30_09h	188.97	185.38	188.23	188.27	188.70	0.006137	3.05	61.91	29.94	0.68
Bisenzio	Bisenzio_V-Fiume	405	Max WS	TR30_12h	176.79	185.38	188.13	188.17	188.59	0.006150	2.99	59.06	29.52	0.68
Bisenzio	Bisenzio_V-Fiume	405	Max WS	TR200_01h	180.08	185.38	188.15	188.19	188.62	0.006177	3.02	59.68	29.55	0.68
Bisenzio	Bisenzio_V-Fiume	405	Max WS	TR200_02h	336.91	185.38	189.21	189.25	189.88	0.005635	3.64	92.90	32.68	0.68
Bisenzio	Bisenzio_V-Fiume	405	Max WS	TR200_03h	398.89	185.38	189.58	189.62	190.31	0.005225	3.80	108.30	37.65	0.67
Bisenzio	Bisenzio_V-Fiume	405	Max WS	TR200_06h	397.31	185.38	189.58	189.62	190.30	0.005186	3.78	108.29	37.64	0.66
Bisenzio	Bisenzio_V-Fiume	405	Max WS	TR200_09h	361.36	185.38	189.37	189.41	190.06	0.005339	3.68	100.62	37.19	0.67
Bisenzio	Bisenzio_V-Fiume	405	Max WS	TR200_12h	327.10	185.38	189.16	189.20	189.82	0.005589	3.59	91.40	32.60	0.67
Bisenzio	Bisenzio_V-Fiume	404	Max WS	TR30_01h	52.09	183.96	185.96	186.00	186.51	0.006484	2.31	22.57	17.36	0.65
Bisenzio	Bisenzio_V-Fiume	404	Max WS	TR30_02h	124.95	183.96	186.87	186.91	187.35	0.007698	3.05	40.98	23.60	0.74
Bisenzio	Bisenzio_V-Fiume	404	Max WS	TR30_03h	169.82	183.96	187.30	187.34	187.85	0.007632	3.28	51.79	26.43	0.75
Bisenzio	Bisenzio_V-Fiume	404	Max WS	TR30_04h	189.06	183.96	187.48	187.52	188.05	0.007484	3.35	56.47	27.44	0.75
Bisenzio	Bisenzio_V-Fiume	404	Max WS	TR30_06h	197.87	183.96	187.56	187.60	188.14	0.007289	3.38	58.62	27.88	0.74
Bisenzio	Bisenzio_V-Fiume	404	Max WS	TR30_09h	188.96	183.96	187.48	187.52	188.05	0.007417	3.34	56.63	27.47	0.74
Bisenzio	Bisenzio_V-Fiume	404	Max WS	TR30_12h	176.79	183.96	187.38	187.42	187.93	0.007493	3.29	53.71	26.85	0.74
Bisenzio	Bisenzio_V-Fiume	404	Max WS	TR200_01h	180.04	183.96	187.39	187.43	187.96	0.007622	3.33	54.10	26.93	0.75
Bisenzio	Bisenzio_V-Fiume	404	Max WS	TR200_02h	336.84	183.96	188.59	188.63	189.33	0.005560	3.82	91.67	35.84	0.69
Bisenzio	Bisenzio_V-Fiume	404	Max WS	TR200_03h	398.88	183.96	189.02	189.06	189.80	0.005032	3.95	107.53	40.30	0.67
Bisenzio	Bisenzio_V-Fiume	404	Max WS	TR200_06h	397.29	183.96	189.02	189.06	189.80	0.004967	3.93	107.74	40.46	0.66
Bisenzio	Bisenzio_V-Fiume	404	Max WS	TR200_09h	361.35	183.96	188.79	188.83	189.53	0.005191	3.84	98.81	37.18	0.67
Bisenzio	Bisenzio_V-Fiume	404	Max WS	TR200_12h	327.10	183.96	188.55	188.59	189.27	0.005479	3.76	90.24	35.57	0.68
Bisenzio	Bisenzio_V-Fiume	402	Max WS	TR30_01h	52.07	183.17	185.14	185.18	185.69	0.005519	2.12	24.59	19.28	0.60
Bisenzio	Bisenzio_V-Fiume	402	Max WS	TR30_02h	124.94	183.17	186.07	186.11	186.55	0.005573	2.81	44.71	24.77	0.64
Bisenzio	Bisenzio_V-Fiume	402	Max WS	TR30_03h	169.82	183.17	186.58	186.62	187.04	0.004855	3.02	58.02	27.14	0.61
Bisenzio	Bisenzio_V-Fiume	402	Max WS	TR30_04h	189.05	183.17	186.79	186.83	187.26	0.004547	3.08	63.91	28.91	0.60
Bisenzio	Bisenzio_V-Fiume	402	Max WS	TR30_06h	197.78	183.17	186.89	186.93	187.37	0.004390	3.10	66.82	29.74	0.59
Bisenzio	Bisenzio_V-Fiume	402	Max WS	TR30_09h	188.95	183.17	186.80	186.84	187.27	0.004440	3.06	64.43	29.06	0.59
Bisenzio	Bisenzio_V-Fiume	402	Max WS	TR30_12h	176.77	183.17	186.68	186.72	187.14	0.004569	3.01	60.89	28.01	0.60
Bisenzio	Bisenzio_V-Fiume	402	Max WS	TR200_01h	179.96	183.17	186.67	186.71	187.15	0.004791	3.07	60.64	27.94	0.61
Bisenzio	Bisenzio_V-Fiume	402	Max WS	TR200_02h	336.82	183.17	188.08	188.12	188.69	0.003553	3.54	106.97	35.72	0.56
Bisenzio	Bisenzio_V-Fiume	402	Max WS	TR200_03h	398.82	183.17	188.57	188.61	189.21	0.003275	3.67	124.70	37.20	0.55
Bisenzio	Bisenzio_V-Fiume	402	Max WS	TR200_06h	397.27	183.17	188.59	188.63	189.21	0.003209	3.64	125.28	37.24	0.55
Bisenzio	Bisenzio_V-Fiume	402	Max WS	TR200_09h	361.32	183.17	188.33	188.37	188.93	0.003286	3.54	115.87	36.47	0.55
Bisenzio	Bisenzio_V-Fiume	402	Max WS	TR200_12h	327.07	183.17	188.06	188.10	188.64	0.003427	3.46	106.09	35.65	0.55
Bisenzio	Bisenzio_V-Fiume	401	Max WS	TR30_01h	52.07	182.62	185.01	185.05	185.56	0.004685	1.91	27.23	20.51	0.50
Bisenzio	Bisenzio_V-Fiume	401	Max WS	TR30_02h	125.12	182.62	185.91	185.95	186.31	0.006096	2.80	44.64	21.73	0.59
Bisenzio	Bisenzio_V-Fiume	401	Max WS	TR30_03h	170.55	182.62	186.35	186.39	186.87	0.007662	3.18	53.57	25.46	0.67
Bisenzio	Bisenzio_V-Fiume	401	Max WS	TR30_04h	190.35	182.62	186.56	186.60	187.10	0.007291	3.26	58.39	25.46	0.66
Bisenzio	Bisenzio_V-Fiume	401	Max WS	TR30_06h	200.16	182.62	186.65	186.69	187.21	0.007249	3.31			

HEC-RAS Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
					(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
Bisenzio	Bisenzio_V-Fiume	399	Max WS	TR30_09h	191.26	182.65	185.92		186.48	0.005071	3.33	57.43	24.25	0.63
Bisenzio	Bisenzio_V-Fiume	399	Max WS	TR30_12h	179.16	182.65	185.81		186.35	0.005024	3.24	55.27	24.24	0.63
Bisenzio	Bisenzio_V-Fiume	399	Max WS	TR200_01h	180.16	182.65	185.82		186.36	0.005035	3.25	55.43	24.24	0.63
Bisenzio	Bisenzio_V-Fiume	399	Max WS	TR200_02h	338.14	182.65	187.05		187.92	0.005692	4.13	81.97	26.73	0.70
Bisenzio	Bisenzio_V-Fiume	399	Max WS	TR200_03h	401.97	182.65	187.45		188.44	0.005775	4.40	91.32	27.45	0.71
Bisenzio	Bisenzio_V-Fiume	399	Max WS	TR200_06h	402.54	182.65	187.46		188.45	0.005773	4.40	91.40	27.45	0.71
Bisenzio	Bisenzio_V-Fiume	399	Max WS	TR200_09h	366.70	182.65	187.24		188.16	0.005744	4.25	86.34	27.07	0.70
Bisenzio	Bisenzio_V-Fiume	399	Max WS	TR200_12h	332.10	182.65	187.01		187.87	0.005662	4.09	81.12	26.66	0.69
Bisenzio	Bisenzio_V-Fiume	398	Max WS	TR30_01h	52.04	181.88	184.01		184.23	0.006911	2.10	24.76	23.72	0.66
Bisenzio	Bisenzio_V-Fiume	398	Max WS	TR30_02h	125.10	181.88	184.95		185.28	0.005183	2.53	49.42	28.60	0.61
Bisenzio	Bisenzio_V-Fiume	398	Max WS	TR30_03h	170.53	181.88	185.42		185.79	0.004517	2.70	63.21	31.92	0.59
Bisenzio	Bisenzio_V-Fiume	398	Max WS	TR30_04h	190.31	181.88	185.60		186.00	0.004253	2.77	69.45	35.23	0.58
Bisenzio	Bisenzio_V-Fiume	398	Max WS	TR30_06h	200.15	181.88	185.69		186.09	0.004139	2.80	72.63	36.07	0.58
Bisenzio	Bisenzio_V-Fiume	398	Max WS	TR30_09h	191.24	181.88	185.61		186.00	0.004242	2.78	69.75	35.30	0.58
Bisenzio	Bisenzio_V-Fiume	398	Max WS	TR30_12h	179.16	181.88	185.50		185.88	0.004392	2.73	65.91	33.42	0.59
Bisenzio	Bisenzio_V-Fiume	398	Max WS	TR200_01h	180.07	181.88	185.51		185.89	0.004384	2.74	66.17	33.56	0.59
Bisenzio	Bisenzio_V-Fiume	398	Max WS	TR200_02h	338.07	181.88	186.73		187.25	0.003446	3.25	111.77	41.38	0.56
Bisenzio	Bisenzio_V-Fiume	398	Max WS	TR200_03h	401.90	181.88	187.11		187.69	0.003349	3.43	127.66	41.45	0.56
Bisenzio	Bisenzio_V-Fiume	398	Max WS	TR200_06h	402.49	181.88	187.12		187.70	0.003347	3.43	127.83	41.50	0.56
Bisenzio	Bisenzio_V-Fiume	398	Max WS	TR200_09h	366.71	181.88	186.91		187.46	0.003382	3.33	119.27	41.41	0.56
Bisenzio	Bisenzio_V-Fiume	398	Max WS	TR200_12h	332.12	181.88	186.69		187.21	0.003443	3.22	110.39	41.38	0.56
Bisenzio	Bisenzio_V-Fiume	396	Max WS	TR30_01h	51.98	181.68	183.49		183.66	0.004084	1.86	27.97	21.10	0.52
Bisenzio	Bisenzio_V-Fiume	396	Max WS	TR30_02h	125.08	181.68	184.52		184.83	0.003875	2.47	50.54	22.77	0.53
Bisenzio	Bisenzio_V-Fiume	396	Max WS	TR30_03h	170.52	181.68	184.99		185.38	0.004011	2.77	61.51	23.54	0.55
Bisenzio	Bisenzio_V-Fiume	396	Max WS	TR30_04h	190.30	181.68	185.17		185.60	0.004083	2.89	65.85	23.84	0.56
Bisenzio	Bisenzio_V-Fiume	396	Max WS	TR30_06h	200.15	181.68	185.26		185.70	0.004126	2.95	67.90	23.98	0.56
Bisenzio	Bisenzio_V-Fiume	396	Max WS	TR30_09h	191.22	181.68	185.18		185.61	0.004096	2.90	66.05	23.86	0.56
Bisenzio	Bisenzio_V-Fiume	396	Max WS	TR30_12h	179.17	181.68	185.07		185.48	0.004036	2.82	63.46	23.68	0.55
Bisenzio	Bisenzio_V-Fiume	396	Max WS	TR200_01h	180.05	181.68	185.08		185.49	0.004042	2.83	63.64	23.69	0.55
Bisenzio	Bisenzio_V-Fiume	396	Max WS	TR200_02h	338.03	181.68	186.24		186.89	0.004712	3.58	96.42	31.51	0.61
Bisenzio	Bisenzio_V-Fiume	396	Max WS	TR200_03h	401.87	181.68	186.62		187.36	0.004743	3.82	109.11	35.36	0.62
Bisenzio	Bisenzio_V-Fiume	396	Max WS	TR200_06h	402.45	181.68	186.63		187.36	0.004740	3.82	109.25	35.36	0.62
Bisenzio	Bisenzio_V-Fiume	396	Max WS	TR200_09h	366.70	181.68	186.42		187.11	0.004703	3.68	102.26	33.34	0.62
Bisenzio	Bisenzio_V-Fiume	396	Max WS	TR200_12h	332.14	181.68	186.21		186.85	0.004681	3.55	95.46	31.20	0.61
Bisenzio	Bisenzio_V-Fiume	395.8			Lat Struct									
Bisenzio	Bisenzio_V-Fiume	395	Max WS	TR30_01h	51.99	181.06	183.44		183.56	0.002017	1.52	34.30	20.56	0.37
Bisenzio	Bisenzio_V-Fiume	395	Max WS	TR30_02h	125.07	181.06	184.48		184.71	0.002728	2.14	58.53	26.16	0.46
Bisenzio	Bisenzio_V-Fiume	395	Max WS	TR30_03h	170.51	181.06	184.95		185.25	0.002849	2.39	71.43	27.77	0.48
Bisenzio	Bisenzio_V-Fiume	395	Max WS	TR30_04h	190.30	181.06	185.14		185.45	0.002866	2.48	76.69	29.32	0.48
Bisenzio	Bisenzio_V-Fiume	395	Max WS	TR30_06h	200.14	181.06	185.23		185.55	0.002872	2.53	79.27	30.34	0.48
Bisenzio	Bisenzio_V-Fiume	395	Max WS	TR30_09h	191.23	181.06	185.15		185.46	0.002867	2.49	76.93	29.42	0.48
Bisenzio	Bisenzio_V-Fiume	395	Max WS	TR30_12h	179.17	181.06	185.04		185.34	0.002864	2.43	73.78	28.12	0.48
Bisenzio	Bisenzio_V-Fiume	395	Max WS	TR200_01h	180.04	181.06	185.05		185.35	0.002866	2.43	73.99	28.21	0.48
Bisenzio	Bisenzio_V-Fiume	395	Max WS	TR200_02h	337.81	181.06	186.19		186.69	0.003022	3.15	110.50	33.01	0.52
Bisenzio	Bisenzio_V-Fiume	395	Max WS	TR200_03h	401.08	181.06	186.56		187.14	0.003090	3.39	123.00	34.79	0.53
Bisenzio	Bisenzio_V-Fiume	395	Max WS	TR200_06h	401.72	181.06	186.56		187.14	0.003090	3.39	123.14	34.82	0.53
Bisenzio	Bisenzio_V-Fiume	395	Max WS	TR200_09h	366.33	181.06	186.37		186.90	0.003039	3.25	116.36	33.60	0.53
Bisenzio	Bisenzio_V-Fiume	395	Max WS	TR200_12h	332.03	181.06	186.16		186.65	0.002999	3.12	109.54	33.01	0.52
Bisenzio	Bisenzio_V-Fiume	394	Max WS	TR30_01h	51.98	181.32	183.26	182.34	183.36	0.002103	1.40	37.19	22.74	0.35
Bisenzio	Bisenzio_V-Fiume	394	Max WS	TR30_02h	125.07	181.32	184.22	183.06	184.44	0.002830	2.08	60.20	25.21	0.43
Bisenzio	Bisenzio_V-Fiume	394	Max WS	TR30_03h	170.51	181.32	184.68	183.43	184.97	0.003045	2.37	72.04	26.59	0.46
Bisenzio	Bisenzio_V-Fiume	394	Max WS	TR30_04h	190.30	181.32	184.86	183.57	185.17	0.003124	2.48	76.84	27.13	0.47
Bisenzio	Bisenzio_V-Fiume	394	Max WS	TR30_06h	200.15	181.32	184.94	183.64	185.27	0.003173	2.54	79.07	27.38	0.47
Bisenzio	Bisenzio_V-Fiume	394	Max WS	TR30_09h	191.23	181.32	184.87	183.57	185.18	0.003129	2.49	77.05	27.16	0.47
Bisenzio	Bisenzio_V-Fiume	394	Max WS	TR30_12h	179.19	181.32	184.76	183.49	185.06	0.003078	2.42	74.19	26.83	0.46
Bisenzio	Bisenzio_V-Fiume	394	Max WS	TR200_01h	180.02	181.32	184.77	183.50	185.07	0.003081	2.43	74.39	26.86	0.46
Bisenzio	Bisenzio_V-Fiume	394	Max WS	TR200_02h	337.29	181.32	185.87	184.49	186.39	0.003555	3.20	110.43	38.35	0.52
Bisenzio	Bisenzio_V-Fiume	394	Max WS	TR200_03h	400.78	181.32	186.24	184.83	186.83	0.003624	3.44	124.52	38.66	0.54
Bisenzio	Bisenzio_V-Fiume	394	Max WS	TR200_06h	401.44	181.32	186.24	184.83	186.83	0.003625	3.44	124.66	38.67	0.54
Bisenzio	Bisenzio_V-Fiume	394	Max WS	TR200_09h	366.46	181.32	186.04	184.64	186.59	0.003589	3.32	117.04	38.50	0.53
Bisenzio	Bisenzio_V-Fiume	394	Max WS	TR200_12h	332.12	181.32	185.84	184.46	186.35	0.003549	3.18	109.22	38.32	0.52
Bisenzio	Bisenzio_V-Fiume	392.5			Int Struct									
Bisenzio	Bisenzio_V-Fiume	392	Max WS	TR30_01h	51.97	179.41	182.07		182.16	0.001273	1.30	40.09	19.20	0.29
Bisenzio	Bisenzio_V-Fiume	392	Max WS	TR30_02h	125.06	179.41	182.98		183.21	0.002470	2.12	58.11	21.79	0.41
Bisenzio	Bisenzio_V-Fiume	392	Max WS	TR30_03h	170.51	179.41	183.40		183.72	0.002991	2.50	68.31	22.35	0.46
Bisenzio	Bisenzio_V-Fiume	392	Max WS	TR30_04h	190.30	179.41	183.56		183.92	0.003194	2.64	71.99	22.57	0.47
Bisenzio	Bisenzio_V-Fiume	392	Max WS	TR30_06h	200.15	179.41	183.64		184.02	0.003290	2.71	73.76	22.68	0.48
Bisenzio	Bisenzio_V-Fiume	392	Max WS	TR30_09h	191.23	179.41	183.57		183.93	0.003203	2.65	72.16	22.58	0.47
Bisenzio	Bisenzio_V-Fiume	392	Max WS	TR30_12h	179.19	179.41	183.48		183.81	0.003076	2.56	69.99	22.45	0.46
Bisenzio	Bisenzio_V-Fiume	392	Max WS	TR200_01h	180.02	179.41	183.48		183.82	0.003090	2.57	70.10	22.46	0.46
Bisenzio	Bisenzio_V-Fiume	392	Max WS	TR200_02h	337.26	179.41	184.66		185.26	0.004224	3.44	98.28	26.71	0.56
Bisenzio	Bisenzio_V-Fiume	392	Max WS	TR200_03h	400.75	179.41	185.18		185.83	0.003895	3.58	114.94	35.76	0.55
Bisenzio	Bisenzio_V-Fiume	392	Max WS	TR200_06h	401.42	179.41	185.19		185.84	0.003887	3.58	115.18	35.78	0.55
Bisenzio	Bisenzio_V-Fiume	392	Max WS	TR200_09h	366.46	179.41	184.88		185.52	0.004155	3.53	104.73	31.49	0.56
Bisenzio	Bisenzio_V-Fiume	392	Max WS	TR200_12h	332.11	179.41	184.62		185.22	0.004213	3.43	97.22	26.47	0.56
Bisenzio	Bisenzio_V-Fiume	391.8			Lat Struct									
Bisenzio	Bisenzio_V-Fiume	391	Max WS	TR30_01h	51.96	179.82	181.85		182.07	0.006454	2.09	24.89	22.48	0.63
Bisenzio	Bisenzio_V-Fiume	391	Max WS	TR30_02h	125.06	179.82	182.76		183.12	0.005324	2.66	47.36	26.48	0.63
Bisenzio	Bisenzio_V-Fiume	391	Max WS	TR30_03h	170.50	179.82	183.18		183.62	0.005156	2.93	58.82	27.90	0.63
Bisenzio	Bisenzio_V-Fiume	391	Max WS	TR30_04h	190.29	179.82	183.35		183.81	0.005105	3.04	63.54	28.47	0.64
Bisenzio	Bisenzio_V-Fiume	391	Max WS	TR30_06h	200.15	179.82	183.43		183.91	0.005080	3.08	65.85	28.74	0.64
Bisenzio	Bisenzio_V-Fiume	391	Max WS											

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio_V-Fiume	390.50	Max WS	TR30_03h	170.50	179.66	183.07		183.54	0.005878	3.06	56.27	27.52	0.67
Bisenzio	Bisenzio_V-Fiume	390.50	Max WS	TR30_04h	190.29	179.66	183.23		183.74	0.005761	3.16	60.97	28.09	0.67
Bisenzio	Bisenzio_V-Fiume	390.50	Max WS	TR30_06h	200.15	179.66	183.32		183.84	0.005712	3.21	63.26	28.37	0.67
Bisenzio	Bisenzio_V-Fiume	390.50	Max WS	TR30_09h	191.23	179.66	183.24		183.75	0.005758	3.16	61.19	28.12	0.67
Bisenzio	Bisenzio_V-Fiume	390.50	Max WS	TR30_12h	179.20	179.66	183.14		183.63	0.005805	3.10	58.42	27.78	0.67
Bisenzio	Bisenzio_V-Fiume	390.50	Max WS	TR200_01h	180.00	179.66	183.15		183.64	0.005813	3.11	58.56	27.80	0.67
Bisenzio	Bisenzio_V-Fiume	390.50	Max WS	TR200_02h	337.28	179.66	184.41		185.06	0.004539	3.59	97.86	38.75	0.63
Bisenzio	Bisenzio_V-Fiume	390.50	Max WS	TR200_03h	401.69	179.66	184.98		185.62	0.003645	3.58	122.38	45.00	0.58
Bisenzio	Bisenzio_V-Fiume	390.50	Max WS	TR200_06h	402.40	179.66	184.99		185.63	0.003632	3.58	122.72	45.02	0.58
Bisenzio	Bisenzio_V-Fiume	390.50	Max WS	TR200_09h	366.75	179.66	184.65		185.31	0.004195	3.62	107.71	43.26	0.62
Bisenzio	Bisenzio_V-Fiume	390.50	Max WS	TR200_12h	332.17	179.66	184.37		185.02	0.004601	3.59	96.26	37.96	0.64
Bisenzio	Bisenzio_V-Fiume	390	Max WS	TR30_01h	51.95	179.50	181.59	180.92	181.75	0.003163	1.77	29.36	18.95	0.45
Bisenzio	Bisenzio_V-Fiume	390	Max WS	TR30_02h	125.05	179.50	182.55	181.68	182.88	0.003763	2.57	50.27	23.65	0.53
Bisenzio	Bisenzio_V-Fiume	390	Max WS	TR30_03h	170.50	179.50	182.98	182.11	183.41	0.003990	2.95	60.33	23.79	0.56
Bisenzio	Bisenzio_V-Fiume	390	Max WS	TR30_04h	190.29	179.50	183.15	182.26	183.62	0.004071	3.10	64.30	23.84	0.57
Bisenzio	Bisenzio_V-Fiume	390	Max WS	TR30_06h	200.15	179.50	183.23	182.34	183.73	0.004108	3.17	66.21	23.87	0.57
Bisenzio	Bisenzio_V-Fiume	390	Max WS	TR30_09h	191.23	179.50	183.15	182.27	183.63	0.004076	3.10	64.48	23.84	0.57
Bisenzio	Bisenzio_V-Fiume	390	Max WS	TR30_12h	179.21	179.50	183.05	182.17	183.51	0.004014	3.01	62.16	23.81	0.56
Bisenzio	Bisenzio_V-Fiume	390	Max WS	TR200_01h	180.00	179.50	183.06	182.18	183.51	0.004025	3.02	62.28	23.81	0.56
Bisenzio	Bisenzio_V-Fiume	390	Max WS	TR200_02h	337.28	179.50	184.27	183.21	185.02	0.004288	3.92	90.68	24.20	0.61
Bisenzio	Bisenzio_V-Fiume	390	Max WS	TR200_03h	401.69	179.50	184.72	183.57	185.57	0.004266	4.19	101.22	24.34	0.62
Bisenzio	Bisenzio_V-Fiume	390	Max WS	TR200_06h	402.40	179.50	184.72	183.58	185.58	0.004265	4.19	101.34	24.34	0.62
Bisenzio	Bisenzio_V-Fiume	390	Max WS	TR200_09h	366.76	179.50	184.47	183.38	185.28	0.004289	4.05	95.52	24.26	0.62
Bisenzio	Bisenzio_V-Fiume	390	Max WS	TR200_12h	332.18	179.50	184.23	183.18	184.98	0.004288	3.90	89.82	24.19	0.61
Bisenzio	Bisenzio_V-Fiume	389			Bridge									
Bisenzio	Bisenzio_V-Fiume	388.5	Max WS	TR30_01h	51.95	179.50	181.55		181.72	0.003472	1.82	28.50	18.91	0.47
Bisenzio	Bisenzio_V-Fiume	388.5	Max WS	TR30_02h	125.05	179.50	182.47		182.83	0.004198	2.66	48.49	23.62	0.55
Bisenzio	Bisenzio_V-Fiume	388.5	Max WS	TR30_03h	170.49	179.50	182.88		183.35	0.004505	3.06	58.01	23.75	0.59
Bisenzio	Bisenzio_V-Fiume	388.5	Max WS	TR30_04h	190.29	179.50	183.03		183.55	0.004644	3.23	61.65	23.80	0.60
Bisenzio	Bisenzio_V-Fiume	388.5	Max WS	TR30_06h	200.12	179.50	183.11		183.65	0.004710	3.30	63.38	23.83	0.61
Bisenzio	Bisenzio_V-Fiume	388.5	Max WS	TR30_09h	191.23	179.50	183.04		183.56	0.004648	3.23	61.83	23.81	0.60
Bisenzio	Bisenzio_V-Fiume	388.5	Max WS	TR30_12h	179.20	179.50	182.95		183.44	0.004555	3.13	59.69	23.78	0.59
Bisenzio	Bisenzio_V-Fiume	388.5	Max WS	TR200_01h	179.98	179.50	182.95		183.45	0.004574	3.14	59.78	23.78	0.60
Bisenzio	Bisenzio_V-Fiume	388.5	Max WS	TR200_02h	337.26	179.50	184.02		184.88	0.005299	4.19	84.88	24.12	0.68
Bisenzio	Bisenzio_V-Fiume	388.5	Max WS	TR200_03h	401.69	179.50	184.38		185.39	0.005544	4.54	93.33	24.23	0.70
Bisenzio	Bisenzio_V-Fiume	388.5	Max WS	TR200_06h	402.40	179.50	184.39		185.40	0.005543	4.54	93.43	24.24	0.70
Bisenzio	Bisenzio_V-Fiume	388.5	Max WS	TR200_09h	366.75	179.50	184.19		185.12	0.005406	4.35	88.89	24.17	0.69
Bisenzio	Bisenzio_V-Fiume	388.5	Max WS	TR200_12h	332.18	179.50	183.99		184.84	0.005268	4.15	84.24	24.11	0.67
Bisenzio	Bisenzio_V-Fiume	388	Max WS	TR30_01h	51.95	179.87	181.44		181.77	0.009004	2.55	20.37	17.23	0.75
Bisenzio	Bisenzio_V-Fiume	388	Max WS	TR30_02h	125.05	179.87	182.37		182.92	0.007693	3.30	38.41	21.07	0.75
Bisenzio	Bisenzio_V-Fiume	388	Max WS	TR30_03h	170.50	179.87	182.79		183.48	0.007501	3.70	47.44	22.28	0.76
Bisenzio	Bisenzio_V-Fiume	388	Max WS	TR30_04h	190.29	179.87	182.95		183.70	0.007488	3.86	51.06	22.75	0.77
Bisenzio	Bisenzio_V-Fiume	388	Max WS	TR30_06h	200.15	179.87	183.03		183.81	0.007479	3.93	52.84	22.98	0.77
Bisenzio	Bisenzio_V-Fiume	388	Max WS	TR30_09h	191.24	179.87	182.96		183.71	0.007480	3.87	51.25	22.77	0.77
Bisenzio	Bisenzio_V-Fiume	388	Max WS	TR30_12h	179.21	179.87	182.86		183.58	0.007481	3.77	49.08	22.49	0.76
Bisenzio	Bisenzio_V-Fiume	388	Max WS	TR200_01h	179.99	179.87	182.86		183.59	0.007496	3.78	49.19	22.51	0.77
Bisenzio	Bisenzio_V-Fiume	388	Max WS	TR200_02h	337.26	179.87	183.94		185.10	0.007602	4.84	75.06	25.63	0.82
Bisenzio	Bisenzio_V-Fiume	388	Max WS	TR200_03h	401.69	179.87	184.30		185.62	0.007698	5.19	84.45	26.68	0.84
Bisenzio	Bisenzio_V-Fiume	388	Max WS	TR200_06h	402.40	179.87	184.30		185.63	0.007694	5.19	84.58	26.69	0.84
Bisenzio	Bisenzio_V-Fiume	388	Max WS	TR200_09h	366.76	179.87	184.11		185.34	0.007633	5.00	79.46	26.13	0.83
Bisenzio	Bisenzio_V-Fiume	388	Max WS	TR200_12h	332.18	179.87	183.91		185.06	0.007574	4.80	74.36	25.56	0.82
Bisenzio	Bisenzio_V-Fiume	387.6			Lat Struct									
Bisenzio	Bisenzio_V-Fiume	387.50	Max WS	TR30_01h	51.94	179.35	181.08		181.37	0.007149	2.42	21.48	17.28	0.69
Bisenzio	Bisenzio_V-Fiume	387.50	Max WS	TR30_02h	125.04	179.35	182.05		182.55	0.006503	3.13	40.51	22.33	0.70
Bisenzio	Bisenzio_V-Fiume	387.50	Max WS	TR30_03h	170.49	179.35	182.47		183.10	0.006479	3.53	50.03	23.69	0.72
Bisenzio	Bisenzio_V-Fiume	387.50	Max WS	TR30_04h	190.29	179.35	182.62		183.31	0.006528	3.69	53.80	24.21	0.73
Bisenzio	Bisenzio_V-Fiume	387.50	Max WS	TR30_06h	200.16	179.35	182.70		183.41	0.006550	3.77	55.64	24.44	0.73
Bisenzio	Bisenzio_V-Fiume	387.50	Max WS	TR30_09h	191.24	179.35	182.63		183.32	0.006523	3.70	54.00	24.23	0.73
Bisenzio	Bisenzio_V-Fiume	387.50	Max WS	TR30_12h	179.23	179.35	182.54		183.19	0.006483	3.60	51.76	23.93	0.72
Bisenzio	Bisenzio_V-Fiume	387.50	Max WS	TR200_01h	179.97	179.35	182.54		183.20	0.006504	3.61	51.85	23.94	0.72
Bisenzio	Bisenzio_V-Fiume	387.50	Max WS	TR200_02h	337.25	179.35	183.60		184.67	0.006853	4.66	78.85	27.40	0.78
Bisenzio	Bisenzio_V-Fiume	387.50	Max WS	TR200_03h	401.68	179.35	183.95		185.18	0.007038	5.03	88.73	29.48	0.81
Bisenzio	Bisenzio_V-Fiume	387.50	Max WS	TR200_06h	402.42	179.35	183.95		185.19	0.007034	5.03	88.87	29.54	0.81
Bisenzio	Bisenzio_V-Fiume	387.50	Max WS	TR200_09h	366.81	179.35	183.76		184.90	0.006918	4.83	83.47	28.13	0.79
Bisenzio	Bisenzio_V-Fiume	387.50	Max WS	TR200_12h	332.27	179.35	183.57		184.63	0.006821	4.63	78.15	27.31	0.78
Bisenzio	Bisenzio_V-Fiume	387	Max WS	TR30_01h	51.93	178.83	180.82		181.05	0.004959	2.13	24.41	17.53	0.58
Bisenzio	Bisenzio_V-Fiume	387	Max WS	TR30_02h	125.03	178.83	181.80		182.22	0.005028	2.88	44.21	22.85	0.62
Bisenzio	Bisenzio_V-Fiume	387	Max WS	TR30_03h	170.49	178.83	182.21		182.75	0.005262	3.30	53.71	24.14	0.65
Bisenzio	Bisenzio_V-Fiume	387	Max WS	TR30_04h	190.28	178.83	182.36		182.96	0.005406	3.47	57.37	24.61	0.66
Bisenzio	Bisenzio_V-Fiume	387	Max WS	TR30_06h	200.16	178.83	182.43		183.06	0.005470	3.55	59.17	24.84	0.67
Bisenzio	Bisenzio_V-Fiume	387	Max WS	TR30_09h	191.25	178.83	182.36		182.97	0.005405	3.48	57.58	24.64	0.67
Bisenzio	Bisenzio_V-Fiume	387	Max WS	TR30_12h	179.22	178.83	182.28		182.85	0.005308	3.37	55.41	24.36	0.66
Bisenzio	Bisenzio_V-Fiume	387	Max WS	TR200_01h	179.96	178.83	182.28		182.85	0.005335	3.38	55.47	24.37	0.66
Bisenzio	Bisenzio_V-Fiume	387	Max WS	TR200_02h	337.24	178.83	183.29		184.28	0.006137	4.48	81.83	27.59	0.74
Bisenzio	Bisenzio_V-Fiume	387	Max WS	TR200_03h	401.67	178.83	183.63		184.79	0.006410	4.86	91.54	29.80	0.77
Bisenzio	Bisenzio_V-Fiume	387	Max WS	TR200_06h	402.43	178.83	183.64		184.80	0.006408	4.86	91.69	29.84	0.77
Bisenzio	Bisenzio_V-Fiume	387	Max WS	TR200_09h	366.84	178.83	183.46		184.52	0.006243	4.66	86.39	28.35	0.76
Bisenzio	Bisenzio_V-Fiume	387	Max WS	TR200_12h	332.32	178.83	183.27		184.25	0.006096	4.45	81.17	27.51	0.74
Bisenzio	Bisenzio_V-Fiume	386	Max WS	TR30_01h	51.92	178.59	180.23		180.52	0.007108	2.38	21.83	16.92	0.67
Bisenzio	Bisenzio_V-Fiume	386	Max WS	TR30_02h	125.02	178.59	181.21		181.72	0.007141	3.16	40.30	23.39	0.71
Bisenzio	Bisenzio_V-Fiume	386	Max WS	TR30_03h	170.49	178.59	181.62		182.22	0.007				

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio_V-Fiume	385.50	Max WS	TR30_02h	125.00	178.26	180.79		181.22	0.006743	2.90	43.10	24.42	0.70
Bisenzio	Bisenzio_V-Fiume	385.50	Max WS	TR30_03h	170.48	178.26	181.19		181.70	0.006888	3.18	54.49	33.23	0.72
Bisenzio	Bisenzio_V-Fiume	385.50	Max WS	TR30_04h	190.29	178.26	181.33		181.88	0.006753	3.30	59.30	33.79	0.72
Bisenzio	Bisenzio_V-Fiume	385.50	Max WS	TR30_06h	200.28	178.26	181.40		181.97	0.006688	3.35	61.68	34.06	0.72
Bisenzio	Bisenzio_V-Fiume	385.50	Max WS	TR30_09h	191.37	178.26	181.34		181.89	0.006743	3.30	59.57	33.82	0.72
Bisenzio	Bisenzio_V-Fiume	385.50	Max WS	TR30_12h	179.47	178.26	181.26		181.79	0.006802	3.23	56.76	33.51	0.72
Bisenzio	Bisenzio_V-Fiume	385.50	Max WS	TR200_01h	179.88	178.26	181.26		181.79	0.006817	3.24	56.81	33.51	0.72
Bisenzio	Bisenzio_V-Fiume	385.50	Max WS	TR200_02h	337.18	178.26	182.18	181.78	182.98	0.006436	4.03	96.68	57.87	0.74
Bisenzio	Bisenzio_V-Fiume	385.50	Max WS	TR200_03h	401.68	178.26	182.46	182.21	183.34	0.006495	4.29	114.53	70.43	0.76
Bisenzio	Bisenzio_V-Fiume	385.50	Max WS	TR200_06h	402.71	178.26	182.46	182.21	183.34	0.006491	4.29	114.85	70.58	0.76
Bisenzio	Bisenzio_V-Fiume	385.50	Max WS	TR200_09h	367.35	178.26	182.32	181.91	183.16	0.006486	4.16	104.94	66.70	0.75
Bisenzio	Bisenzio_V-Fiume	385.50	Max WS	TR200_12h	332.93	178.26	182.17	181.75	182.95	0.006413	4.00	95.70	57.37	0.74
Bisenzio	Bisenzio_V-Fiume	385	Max WS	TR30_01h	51.88	177.91	179.47		179.72	0.006440	2.23	23.26	19.19	0.65
Bisenzio	Bisenzio_V-Fiume	385	Max WS	TR30_02h	125.00	177.91	180.40		180.83	0.006153	2.90	44.05	31.42	0.67
Bisenzio	Bisenzio_V-Fiume	385	Max WS	TR30_03h	170.47	177.91	180.79		181.30	0.005936	3.21	58.03	39.31	0.68
Bisenzio	Bisenzio_V-Fiume	385	Max WS	TR30_04h	190.27	177.91	180.94		181.48	0.005860	3.32	63.95	41.24	0.68
Bisenzio	Bisenzio_V-Fiume	385	Max WS	TR30_06h	200.27	177.91	181.01		181.57	0.005821	3.38	66.92	42.18	0.68
Bisenzio	Bisenzio_V-Fiume	385	Max WS	TR30_09h	191.37	177.91	180.94		181.49	0.005853	3.33	64.29	41.35	0.68
Bisenzio	Bisenzio_V-Fiume	385	Max WS	TR30_12h	179.49	177.91	180.86		181.38	0.005875	3.26	60.84	40.24	0.68
Bisenzio	Bisenzio_V-Fiume	385	Max WS	TR200_01h	179.83	177.91	180.86		181.39	0.005890	3.26	60.88	40.25	0.68
Bisenzio	Bisenzio_V-Fiume	385	Max WS	TR200_02h	336.97	177.91	181.77	181.45	182.50	0.005741	4.01	112.77	74.80	0.71
Bisenzio	Bisenzio_V-Fiume	385	Max WS	TR200_03h	401.50	177.91	182.05		182.80	0.005600	4.18	133.68	76.25	0.71
Bisenzio	Bisenzio_V-Fiume	385	Max WS	TR200_06h	402.56	177.91	182.05		182.81	0.005594	4.18	134.05	76.27	0.71
Bisenzio	Bisenzio_V-Fiume	385	Max WS	TR200_09h	367.30	177.91	181.91	181.77	182.65	0.005663	4.09	122.91	75.63	0.71
Bisenzio	Bisenzio_V-Fiume	385	Max WS	TR200_12h	332.91	177.91	181.75	181.43	182.48	0.005729	3.99	111.59	74.69	0.71
Bisenzio	Bisenzio_V-Fiume	384	Max WS	TR30_01h	51.85	177.14	179.03		179.22	0.004269	1.95	26.61	19.80	0.54
Bisenzio	Bisenzio_V-Fiume	384	Max WS	TR30_02h	124.97	177.14	179.93		180.31	0.004859	2.72	46.55	26.98	0.61
Bisenzio	Bisenzio_V-Fiume	384	Max WS	TR30_03h	170.46	177.14	180.33		180.80	0.004813	3.05	58.89	33.70	0.63
Bisenzio	Bisenzio_V-Fiume	384	Max WS	TR30_04h	190.26	177.14	180.48		180.99	0.004854	3.19	64.62	41.58	0.63
Bisenzio	Bisenzio_V-Fiume	384	Max WS	TR30_06h	200.31	177.14	180.56		181.08	0.004873	3.26	67.67	44.31	0.64
Bisenzio	Bisenzio_V-Fiume	384	Max WS	TR30_09h	191.41	177.14	180.49		181.00	0.004854	3.20	64.98	41.80	0.63
Bisenzio	Bisenzio_V-Fiume	384	Max WS	TR30_12h	179.64	177.14	180.41		180.90	0.004814	3.12	61.56	38.86	0.63
Bisenzio	Bisenzio_V-Fiume	384	Max WS	TR200_01h	179.77	177.14	180.41		180.90	0.004821	3.12	61.56	38.86	0.63
Bisenzio	Bisenzio_V-Fiume	384	Max WS	TR200_02h	337.03	177.14	181.32		182.02	0.005020	3.91	111.82	66.03	0.68
Bisenzio	Bisenzio_V-Fiume	384	Max WS	TR200_03h	400.81	177.14	181.60		182.35	0.005002	4.11	130.42	66.71	0.68
Bisenzio	Bisenzio_V-Fiume	384	Max WS	TR200_06h	401.96	177.14	181.60		182.35	0.005000	4.12	130.76	66.72	0.68
Bisenzio	Bisenzio_V-Fiume	384	Max WS	TR200_09h	367.45	177.14	181.45		182.18	0.005011	4.01	120.91	66.38	0.68
Bisenzio	Bisenzio_V-Fiume	384	Max WS	TR200_12h	333.43	177.14	181.30		182.00	0.005011	3.89	110.82	65.96	0.67
Bisenzio	Bisenzio_V-Fiume	383	Max WS	TR30_01h	51.82	176.56	178.72		178.84	0.002264	1.52	34.20	22.66	0.39
Bisenzio	Bisenzio_V-Fiume	383	Max WS	TR30_02h	124.94	176.56	179.52		179.79	0.003193	2.29	58.67	42.74	0.50
Bisenzio	Bisenzio_V-Fiume	383	Max WS	TR30_03h	170.43	176.56	179.90		180.22	0.003265	2.58	75.08	44.11	0.51
Bisenzio	Bisenzio_V-Fiume	383	Max WS	TR30_04h	190.23	176.56	180.05		180.39	0.003287	2.68	81.57	44.42	0.52
Bisenzio	Bisenzio_V-Fiume	383	Max WS	TR30_06h	200.30	176.56	180.12		180.48	0.003298	2.74	84.74	44.57	0.52
Bisenzio	Bisenzio_V-Fiume	383	Max WS	TR30_09h	191.40	176.56	180.06		180.40	0.003288	2.69	81.95	44.44	0.52
Bisenzio	Bisenzio_V-Fiume	383	Max WS	TR30_12h	179.69	176.56	179.97		180.30	0.003273	2.63	78.18	44.26	0.52
Bisenzio	Bisenzio_V-Fiume	383	Max WS	TR200_01h	179.71	176.56	179.97		180.30	0.003277	2.63	78.15	44.25	0.52
Bisenzio	Bisenzio_V-Fiume	383	Max WS	TR200_02h	333.25	176.56	180.93		181.42	0.003436	3.31	121.41	46.27	0.56
Bisenzio	Bisenzio_V-Fiume	383	Max WS	TR200_03h	392.41	176.56	181.22		181.78	0.003515	3.53	135.26	46.60	0.57
Bisenzio	Bisenzio_V-Fiume	383	Max WS	TR200_06h	393.49	176.56	181.23		181.79	0.003517	3.54	135.50	46.61	0.57
Bisenzio	Bisenzio_V-Fiume	383	Max WS	TR200_09h	361.61	176.56	181.07		181.60	0.003469	3.42	128.28	46.58	0.57
Bisenzio	Bisenzio_V-Fiume	383	Max WS	TR200_12h	330.01	176.56	180.91		181.40	0.003426	3.30	120.69	46.24	0.56
Bisenzio	Bisenzio_V-Fiume	382	Max WS	TR30_01h	51.80	177.08	178.34	177.88	178.42	0.002639	1.26	41.02	41.18	0.40
Bisenzio	Bisenzio_V-Fiume	382	Max WS	TR30_02h	124.93	177.08	178.94	178.33	179.12	0.003280	1.89	66.55	46.06	0.48
Bisenzio	Bisenzio_V-Fiume	382	Max WS	TR30_03h	170.42	177.08	179.23	178.55	179.47	0.003454	2.16	80.49	48.27	0.51
Bisenzio	Bisenzio_V-Fiume	382	Max WS	TR30_04h	190.22	177.08	179.35	178.64	179.61	0.003504	2.27	86.16	48.34	0.51
Bisenzio	Bisenzio_V-Fiume	382	Max WS	TR30_06h	200.29	177.08	179.41	178.69	179.68	0.003528	2.32	88.95	48.38	0.52
Bisenzio	Bisenzio_V-Fiume	382	Max WS	TR30_09h	191.41	177.08	179.36	178.65	179.62	0.003508	2.27	86.49	48.35	0.51
Bisenzio	Bisenzio_V-Fiume	382	Max WS	TR30_12h	179.77	177.08	179.29	178.60	179.54	0.003479	2.21	83.20	48.30	0.51
Bisenzio	Bisenzio_V-Fiume	382	Max WS	TR200_01h	179.67	177.08	179.29	178.60	179.53	0.003479	2.21	83.17	48.30	0.51
Bisenzio	Bisenzio_V-Fiume	382	Max WS	TR200_02h	332.52	177.08	180.08	179.25	180.49	0.003704	2.84	121.88	48.63	0.55
Bisenzio	Bisenzio_V-Fiume	382	Max WS	TR200_03h	389.05	177.08	180.34	179.45	180.80	0.003743	3.03	134.44	48.64	0.56
Bisenzio	Bisenzio_V-Fiume	382	Max WS	TR200_06h	390.15	177.08	180.35	179.46	180.80	0.003744	3.03	134.67	48.64	0.56
Bisenzio	Bisenzio_V-Fiume	382	Max WS	TR200_09h	360.06	177.08	180.21	179.35	180.64	0.003724	2.93	128.09	48.64	0.56
Bisenzio	Bisenzio_V-Fiume	382	Max WS	TR200_12h	329.67	177.08	180.07	179.24	180.47	0.003701	2.83	121.23	48.63	0.55
Bisenzio	Bisenzio_V-Fiume	380.5			Inl Struct									
Bisenzio	Bisenzio_V-Fiume	380	Max WS	TR30_01h	51.76	173.82	175.59		175.62	0.000505	0.74	70.10	45.61	0.19
Bisenzio	Bisenzio_V-Fiume	380	Max WS	TR30_02h	124.93	173.82	176.30		176.37	0.000892	1.21	103.65	49.36	0.27
Bisenzio	Bisenzio_V-Fiume	380	Max WS	TR30_03h	170.38	173.82	176.63		176.74	0.001061	1.41	120.51	51.36	0.29
Bisenzio	Bisenzio_V-Fiume	380	Max WS	TR30_04h	190.21	173.82	176.77		176.88	0.001122	1.49	127.40	52.16	0.31
Bisenzio	Bisenzio_V-Fiume	380	Max WS	TR30_06h	200.27	173.82	176.84		176.96	0.001102	1.51	137.47	62.62	0.30
Bisenzio	Bisenzio_V-Fiume	380	Max WS	TR30_09h	190.82	173.82	176.79		176.90	0.001080	1.47	133.88	62.46	0.30
Bisenzio	Bisenzio_V-Fiume	380	Max WS	TR30_12h	179.75	173.82	176.71		176.82	0.001070	1.44	124.58	51.83	0.30
Bisenzio	Bisenzio_V-Fiume	380	Max WS	TR200_01h	179.67	173.82	176.68		176.79	0.001108	1.46	123.11	51.66	0.30
Bisenzio	Bisenzio_V-Fiume	380	Max WS	TR200_02h	332.51	173.82	177.55		177.73	0.001325	1.92	182.37	64.55	0.35
Bisenzio	Bisenzio_V-Fiume	380	Max WS	TR200_03h	389.03	173.82	177.92		178.12	0.001250	1.99	206.73	66.08	0.34
Bisenzio	Bisenzio_V-Fiume	380	Max WS	TR200_06h	389.93	173.82	177.97		178.16	0.001203	1.97	209.73	66.25	0.33
Bisenzio	Bisenzio_V-Fiume	380	Max WS	TR200_09h	360.00	173.82	177.76		177.94	0.001260	1.94	195.76	65.37	0.34
Bisenzio	Bisenzio_V-Fiume	380	Max WS	TR200_12h	329.64	173.82	177.57		177.75	0.001273	1.89	183.77	64.61	0.34
Bisenzio	Bisenzio_V-Fiume	379.8			Lat Struct									
Bisenzio	Bisenzio_V-Fiume	378	Max WS	TR30_01h	51.75	174.01	175.46		175.55	0.002543	1.29	40.23	38.83	0.40
Bisenzio	Bisenzio_V-Fiume	378	Max WS	TR30_02h	124.93	174.01	176.							

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio_V-Fiume	377	Max WS	TR30_01h	51.76	173.77	175.16	174.67	175.25	0.002900	1.30	40.10	46.97	0.42
Bisenzio	Bisenzio_V-Fiume	377	Max WS	TR30_02h	125.55	173.77	175.75	175.19	175.93	0.003216	1.87	70.40	51.50	0.48
Bisenzio	Bisenzio_V-Fiume	377	Max WS	TR30_03h	172.59	173.77	176.04	175.43	176.27	0.003335	2.14	85.31	51.70	0.51
Bisenzio	Bisenzio_V-Fiume	377	Max WS	TR30_04h	193.50	173.77	176.16	175.52	176.41	0.003394	2.25	91.24	51.78	0.52
Bisenzio	Bisenzio_V-Fiume	377	Max WS	TR30_06h	205.14	173.77	176.22	175.57	176.49	0.003482	2.33	94.49	55.86	0.53
Bisenzio	Bisenzio_V-Fiume	377	Max WS	TR30_09h	196.12	173.77	176.17	175.53	176.42	0.003402	2.26	91.95	51.79	0.52
Bisenzio	Bisenzio_V-Fiume	377	Max WS	TR30_12h	184.62	173.77	176.11	175.48	176.35	0.003369	2.20	88.76	51.75	0.51
Bisenzio	Bisenzio_V-Fiume	377	Max WS	TR200_01h	180.61	173.77	176.09	175.46	176.32	0.003357	2.18	87.63	51.73	0.51
Bisenzio	Bisenzio_V-Fiume	377	Max WS	TR200_02h	340.82	173.77	176.85	176.08	177.25	0.003659	2.87	132.88	65.03	0.57
Bisenzio	Bisenzio_V-Fiume	377	Max WS	TR200_03h	409.51	173.77	177.27	176.18	177.67	0.003057	2.90	160.66	66.07	0.53
Bisenzio	Bisenzio_V-Fiume	377	Max WS	TR200_06h	415.10	173.77	177.33	176.18	177.72	0.002946	2.88	164.34	66.60	0.52
Bisenzio	Bisenzio_V-Fiume	377	Max WS	TR200_09h	379.65	173.77	177.07	176.18	177.48	0.003366	2.90	147.50	65.52	0.55
Bisenzio	Bisenzio_V-Fiume	377	Max WS	TR200_12h	344.45	173.77	176.87	176.08	177.27	0.003638	2.87	134.14	65.07	0.56
Bisenzio	Bisenzio_V-Fiume	374.5			Inl Struct									
Bisenzio	Bisenzio_V-Fiume	374	Max WS	TR30_01h	51.76	173.45	174.42		174.56	0.005616	1.66	31.11	36.92	0.58
Bisenzio	Bisenzio_V-Fiume	374	Max WS	TR30_02h	125.54	173.45	175.04		175.30	0.005610	2.29	54.96	41.17	0.63
Bisenzio	Bisenzio_V-Fiume	374	Max WS	TR30_03h	172.58	173.45	175.35		175.67	0.005234	2.53	71.02	53.39	0.62
Bisenzio	Bisenzio_V-Fiume	374	Max WS	TR30_04h	193.48	173.45	175.52		175.85	0.004657	2.55	80.33	54.53	0.60
Bisenzio	Bisenzio_V-Fiume	374	Max WS	TR30_06h	205.14	173.45	175.62		175.94	0.004382	2.56	85.55	55.16	0.59
Bisenzio	Bisenzio_V-Fiume	374	Max WS	TR30_09h	196.11	173.45	175.55		175.87	0.004531	2.54	81.90	54.72	0.59
Bisenzio	Bisenzio_V-Fiume	374	Max WS	TR30_12h	184.62	173.45	175.46		175.78	0.004812	2.53	76.81	54.10	0.61
Bisenzio	Bisenzio_V-Fiume	374	Max WS	TR200_01h	180.52	173.45	175.41		175.74	0.005082	2.55	74.13	53.77	0.62
Bisenzio	Bisenzio_V-Fiume	374	Max WS	TR200_02h	340.46	173.45	176.66		176.99	0.002645	2.64	145.45	63.15	0.49
Bisenzio	Bisenzio_V-Fiume	374	Max WS	TR200_03h	409.48	173.45	177.23		177.54	0.002016	2.59	184.63	70.34	0.44
Bisenzio	Bisenzio_V-Fiume	374	Max WS	TR200_06h	415.10	173.45	177.29		177.60	0.001948	2.58	188.75	70.57	0.43
Bisenzio	Bisenzio_V-Fiume	374	Max WS	TR200_09h	379.65	173.45	177.02		177.33	0.002187	2.59	169.67	69.48	0.45
Bisenzio	Bisenzio_V-Fiume	374	Max WS	TR200_12h	344.44	173.45	176.71		177.04	0.002554	2.63	148.75	64.67	0.48
Bisenzio	Bisenzio_V-Fiume	373	Max WS	TR30_01h	51.76	173.19	174.33		174.53	0.008194	1.98	26.11	31.69	0.70
Bisenzio	Bisenzio_V-Fiume	373	Max WS	TR30_02h	125.53	173.19	174.95		175.30	0.008400	2.62	47.88	38.83	0.75
Bisenzio	Bisenzio_V-Fiume	373	Max WS	TR30_03h	172.58	173.19	175.29		175.68	0.007134	2.79	63.91	56.97	0.72
Bisenzio	Bisenzio_V-Fiume	373	Max WS	TR30_04h	193.49	173.19	175.45		175.85	0.006261	2.80	73.27	57.18	0.69
Bisenzio	Bisenzio_V-Fiume	373	Max WS	TR30_06h	205.14	173.19	175.55		175.93	0.005823	2.79	78.56	57.25	0.67
Bisenzio	Bisenzio_V-Fiume	373	Max WS	TR30_09h	196.11	173.19	175.48		175.87	0.006074	2.78	74.84	57.20	0.68
Bisenzio	Bisenzio_V-Fiume	373	Max WS	TR30_12h	184.62	173.19	175.39		175.78	0.006505	2.78	69.74	57.13	0.69
Bisenzio	Bisenzio_V-Fiume	373	Max WS	TR200_01h	180.53	173.19	175.35		175.74	0.006867	2.80	67.16	57.09	0.71
Bisenzio	Bisenzio_V-Fiume	373	Max WS	TR200_02h	340.44	173.19	176.61		176.97	0.003020	2.75	140.29	61.02	0.52
Bisenzio	Bisenzio_V-Fiume	373	Max WS	TR200_03h	409.48	173.19	177.19		177.53	0.002291	2.71	178.21	72.47	0.47
Bisenzio	Bisenzio_V-Fiume	373	Max WS	TR200_06h	415.09	173.19	177.25		177.59	0.002206	2.69	182.58	72.84	0.46
Bisenzio	Bisenzio_V-Fiume	373	Max WS	TR200_09h	379.66	173.19	176.98		177.32	0.002460	2.69	163.65	66.94	0.48
Bisenzio	Bisenzio_V-Fiume	373	Max WS	TR200_12h	344.44	173.19	176.67		177.02	0.002897	2.73	143.61	61.89	0.51
Bisenzio	Bisenzio_V-Fiume	372	Max WS	TR30_01h	51.74	171.69	173.12		173.36	0.008464	2.17	23.81	25.38	0.72
Bisenzio	Bisenzio_V-Fiume	372	Max WS	TR30_02h	125.52	171.69	174.06		174.39	0.005223	2.54	49.42	28.55	0.62
Bisenzio	Bisenzio_V-Fiume	372	Max WS	TR30_03h	172.60	171.69	174.58		174.94	0.004401	2.68	64.46	29.98	0.58
Bisenzio	Bisenzio_V-Fiume	372	Max WS	TR30_04h	193.60	171.69	174.82		175.17	0.003803	2.64	77.14	37.20	0.55
Bisenzio	Bisenzio_V-Fiume	372	Max WS	TR30_06h	205.57	171.69	174.95		175.30	0.003599	2.65	81.93	37.40	0.54
Bisenzio	Bisenzio_V-Fiume	372	Max WS	TR30_09h	196.98	171.69	174.86		175.20	0.003737	2.64	78.53	37.26	0.55
Bisenzio	Bisenzio_V-Fiume	372	Max WS	TR30_12h	185.42	171.69	174.73		175.08	0.003949	2.63	73.90	37.07	0.56
Bisenzio	Bisenzio_V-Fiume	372	Max WS	TR200_01h	180.43	171.69	174.66		175.03	0.004289	2.69	66.95	30.21	0.58
Bisenzio	Bisenzio_V-Fiume	372	Max WS	TR200_02h	340.51	171.69	176.30		176.66	0.002203	2.71	138.96	50.24	0.45
Bisenzio	Bisenzio_V-Fiume	372	Max WS	TR200_03h	409.82	171.69	176.93		177.30	0.001855	2.76	170.98	54.48	0.42
Bisenzio	Bisenzio_V-Fiume	372	Max WS	TR200_06h	416.44	171.69	176.99		177.36	0.001827	2.77	174.25	55.45	0.42
Bisenzio	Bisenzio_V-Fiume	372	Max WS	TR200_09h	381.40	171.69	176.71		177.06	0.001916	2.71	159.26	50.86	0.43
Bisenzio	Bisenzio_V-Fiume	372	Max WS	TR200_12h	346.11	171.69	176.36		176.72	0.002156	2.71	141.81	50.24	0.45
Bisenzio	Bisenzio_V-Fiume	371	Max WS	TR30_01h	51.74	170.75	172.83	172.03	173.01	0.005029	1.89	27.40	17.66	0.42
Bisenzio	Bisenzio_V-Fiume	371	Max WS	TR30_02h	125.49	170.75	173.68	173.02	174.08	0.009923	2.80	44.76	23.11	0.52
Bisenzio	Bisenzio_V-Fiume	371	Max WS	TR30_03h	172.59	170.75	174.18	173.53	174.66	0.010112	3.08	56.13	23.02	0.53
Bisenzio	Bisenzio_V-Fiume	371	Max WS	TR30_04h	193.59	170.75	174.39	173.67	174.90	0.010167	3.17	61.05	23.02	0.53
Bisenzio	Bisenzio_V-Fiume	371	Max WS	TR30_06h	205.56	170.75	174.51	173.75	175.04	0.010206	3.22	63.78	23.02	0.53
Bisenzio	Bisenzio_V-Fiume	371	Max WS	TR30_09h	197.00	170.75	174.42	173.69	174.94	0.010170	3.19	61.85	23.02	0.53
Bisenzio	Bisenzio_V-Fiume	371	Max WS	TR30_12h	185.44	170.75	174.31	173.62	174.81	0.010133	3.13	59.18	23.03	0.53
Bisenzio	Bisenzio_V-Fiume	371	Max WS	TR200_01h	180.35	170.75	174.26	173.58	174.75	0.010134	3.11	57.96	23.02	0.53
Bisenzio	Bisenzio_V-Fiume	371	Max WS	TR200_02h	340.50	170.75	175.73	174.56	176.44	0.011224	3.73	91.38	21.78	0.53
Bisenzio	Bisenzio_V-Fiume	371	Max WS	TR200_03h	409.81	170.75	176.37	174.92	177.14	0.012401	3.90	107.02	31.07	0.53
Bisenzio	Bisenzio_V-Fiume	371	Max WS	TR200_06h	416.50	170.75	176.41	174.95	177.20	0.012666	3.93	108.41	30.84	0.53
Bisenzio	Bisenzio_V-Fiume	371	Max WS	TR200_09h	381.44	170.75	176.07	174.78	176.83	0.011850	3.87	98.72	20.80	0.54
Bisenzio	Bisenzio_V-Fiume	371	Max WS	TR200_12h	346.14	170.75	175.78	174.58	176.49	0.011297	3.75	92.44	21.66	0.53
Bisenzio	Bisenzio_V-Fiume	369	Max WS	TR30_01h	51.74	170.44	172.79		172.92	0.003743	1.59	32.60	29.99	0.49
Bisenzio	Bisenzio_V-Fiume	369	Max WS	TR30_02h	125.46	170.44	173.63		173.84	0.003361	2.03	61.78	36.16	0.49
Bisenzio	Bisenzio_V-Fiume	369	Max WS	TR30_03h	172.57	170.44	174.15		174.39	0.002692	2.15	80.71	36.70	0.46
Bisenzio	Bisenzio_V-Fiume	369	Max WS	TR30_04h	193.59	170.44	174.38		174.62	0.002483	2.19	88.97	36.94	0.45
Bisenzio	Bisenzio_V-Fiume	369	Max WS	TR30_06h	205.55	170.44	174.50		174.75	0.002383	2.21	93.59	37.07	0.44
Bisenzio	Bisenzio_V-Fiume	369	Max WS	TR30_09h	196.99	170.44	174.41		174.66	0.002450	2.20	90.33	36.98	0.44
Bisenzio	Bisenzio_V-Fiume	369	Max WS	TR30_12h	185.44	170.44	174.29		174.53	0.002554	2.17	85.83	36.85	0.45
Bisenzio	Bisenzio_V-Fiume	369	Max WS	TR200_01h	180.33	170.44	174.24		174.47	0.002611	2.16	83.76	36.79	0.45
Bisenzio	Bisenzio_V-Fiume	369	Max WS	TR200_02h	340.49	170.44	175.78		176.09	0.001761	2.44	142.46	40.60	0.40
Bisenzio	Bisenzio_V-Fiume	369	Max WS	TR200_03h	409.79	170.44	176.36		176.68	0.001595	2.55	165.94	41.23	0.39
Bisenzio	Bisenzio_V-Fiume	369	Max WS	TR200_06h	416.53	170.44	176.41		176.74	0.001585	2.56	168.04	41.29	0.39
Bisenzio	Bisenzio_V-Fiume	369	Max WS	TR200_09h	381.38	170.44	176.15		176.46	0.001627	2.49	157.35	41.00	0.39
Bisenzio	Bisenzio_V-Fiume	369	Max WS	TR200_12h	346.15	170.44	175.83		176.14	0.001740	2.45	144.54	40.66	0.39
Bisenzio	Bisenzio_V-Fiume	368.9			Lat Struct									
Bisenzio	Bisenzio_V-Fiume	368	Max WS	TR30_01h	51.70	170.49	172.39							

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio_V-Fiume	367	Max WS	TR30_01h	51.68	170.11	171.90	171.40	172.12	0.004539	2.11	24.91	18.58	0.55
Bisenzio	Bisenzio_V-Fiume	367	Max WS	TR30_02h	125.43	170.11	172.94	172.24	173.37	0.004674	2.93	44.55	19.23	0.60
Bisenzio	Bisenzio_V-Fiume	367	Max WS	TR30_03h	172.55	170.11	173.47	172.65	174.01	0.004707	3.29	54.97	19.57	0.61
Bisenzio	Bisenzio_V-Fiume	367	Max WS	TR30_04h	193.56	170.11	173.69	172.82	174.28	0.004720	3.43	59.31	19.71	0.62
Bisenzio	Bisenzio_V-Fiume	367	Max WS	TR30_06h	205.56	170.11	173.81	172.92	174.42	0.004734	3.50	61.69	19.78	0.62
Bisenzio	Bisenzio_V-Fiume	367	Max WS	TR30_09h	197.07	170.11	173.73	172.85	174.32	0.004724	3.45	60.01	19.73	0.62
Bisenzio	Bisenzio_V-Fiume	367	Max WS	TR30_12h	185.50	170.11	173.61	172.76	174.18	0.004715	3.37	57.67	19.66	0.61
Bisenzio	Bisenzio_V-Fiume	367	Max WS	TR200_01h	180.29	170.11	173.56	172.72	174.11	0.004712	3.34	56.59	19.62	0.61
Bisenzio	Bisenzio_V-Fiume	367	Max WS	TR200_02h	339.12	170.11	175.03	173.86	175.89	0.004802	4.18	85.95	20.14	0.63
Bisenzio	Bisenzio_V-Fiume	367	Max WS	TR200_03h	405.13	170.11	175.56	174.28	176.54	0.004842	4.46	96.71	20.20	0.64
Bisenzio	Bisenzio_V-Fiume	367	Max WS	TR200_06h	411.21	170.11	175.61	174.31	176.60	0.004846	4.48	97.67	20.21	0.64
Bisenzio	Bisenzio_V-Fiume	367	Max WS	TR200_09h	380.40	170.11	175.36	174.12	176.30	0.004830	4.36	92.73	20.18	0.64
Bisenzio	Bisenzio_V-Fiume	367	Max WS	TR200_12h	344.82	170.11	175.07	173.90	175.95	0.004805	4.21	86.91	20.14	0.64
Bisenzio	Bisenzio_V-Fiume	365.5			Inl Struct									
Bisenzio	Bisenzio_V-Fiume	365	Max WS	TR30_01h	51.67	168.79	170.96		171.20	0.004753	2.19	23.64	15.38	0.56
Bisenzio	Bisenzio_V-Fiume	365	Max WS	TR30_02h	125.43	168.79	171.94		172.45	0.005866	3.15	40.22	18.62	0.66
Bisenzio	Bisenzio_V-Fiume	365	Max WS	TR30_03h	172.55	168.79	172.45		173.09	0.005922	3.54	49.82	19.03	0.67
Bisenzio	Bisenzio_V-Fiume	365	Max WS	TR30_04h	193.56	168.79	172.67		173.35	0.005904	3.68	53.92	19.21	0.68
Bisenzio	Bisenzio_V-Fiume	365	Max WS	TR30_06h	205.56	168.79	172.79		173.50	0.005876	3.75	56.26	19.30	0.68
Bisenzio	Bisenzio_V-Fiume	365	Max WS	TR30_09h	197.06	168.79	172.70		173.39	0.005889	3.70	54.63	19.24	0.68
Bisenzio	Bisenzio_V-Fiume	365	Max WS	TR30_12h	185.50	168.79	172.59		173.25	0.005906	3.62	52.38	19.14	0.68
Bisenzio	Bisenzio_V-Fiume	365	Max WS	TR200_01h	180.28	168.79	172.53		173.18	0.005933	3.59	51.30	19.10	0.68
Bisenzio	Bisenzio_V-Fiume	365	Max WS	TR200_02h	339.06	168.79	174.08		175.01	0.005334	4.30	81.86	20.35	0.67
Bisenzio	Bisenzio_V-Fiume	365	Max WS	TR200_03h	405.08	168.79	174.74		175.73	0.004856	4.43	95.40	20.53	0.64
Bisenzio	Bisenzio_V-Fiume	365	Max WS	TR200_06h	411.17	168.79	174.81		175.79	0.004802	4.44	96.75	20.54	0.64
Bisenzio	Bisenzio_V-Fiume	365	Max WS	TR200_09h	380.40	168.79	174.48		175.45	0.005085	4.41	89.99	20.49	0.66
Bisenzio	Bisenzio_V-Fiume	365	Max WS	TR200_12h	344.82	168.79	174.14		175.08	0.005269	4.31	83.17	20.40	0.67
Bisenzio	Bisenzio_V-Fiume	364	Max WS	TR30_01h	51.66	168.84	170.38		170.61	0.005832	2.10	24.56	20.69	0.62
Bisenzio	Bisenzio_V-Fiume	364	Max WS	TR30_02h	125.42	168.84	171.37		171.74	0.004836	2.70	46.56	23.37	0.61
Bisenzio	Bisenzio_V-Fiume	364	Max WS	TR30_03h	172.54	168.84	171.93		172.35	0.004245	2.89	59.91	24.59	0.59
Bisenzio	Bisenzio_V-Fiume	364	Max WS	TR30_04h	193.55	168.84	172.16		172.61	0.004030	2.95	65.78	25.11	0.58
Bisenzio	Bisenzio_V-Fiume	364	Max WS	TR30_06h	205.57	168.84	172.30		172.75	0.003888	2.98	69.49	29.80	0.57
Bisenzio	Bisenzio_V-Fiume	364	Max WS	TR30_09h	197.11	168.84	172.21		172.65	0.003983	2.96	66.85	25.63	0.58
Bisenzio	Bisenzio_V-Fiume	364	Max WS	TR30_12h	185.55	168.84	172.08		172.51	0.004105	2.93	63.57	24.92	0.58
Bisenzio	Bisenzio_V-Fiume	364	Max WS	TR200_01h	180.26	168.84	172.01		172.44	0.004190	2.92	61.94	24.77	0.59
Bisenzio	Bisenzio_V-Fiume	364	Max WS	TR200_02h	340.25	168.84	173.75		174.25	0.002489	3.16	115.50	35.32	0.49
Bisenzio	Bisenzio_V-Fiume	364	Max WS	TR200_03h	409.14	168.84	174.52		175.01	0.001967	3.14	143.45	36.96	0.45
Bisenzio	Bisenzio_V-Fiume	364	Max WS	TR200_06h	415.88	168.84	174.60		175.08	0.001923	3.14	146.29	37.06	0.45
Bisenzio	Bisenzio_V-Fiume	364	Max WS	TR200_09h	381.67	168.84	174.22		174.71	0.002147	3.15	132.25	36.21	0.47
Bisenzio	Bisenzio_V-Fiume	364	Max WS	TR200_12h	346.41	168.84	173.82		174.32	0.002422	3.15	118.17	35.40	0.49
Bisenzio	Bisenzio_V-Fiume	363	Max WS	TR30_01h	51.66	168.40	170.21	169.63	170.35	0.002866	1.67	30.84	24.99	0.45
Bisenzio	Bisenzio_V-Fiume	363	Max WS	TR30_02h	125.41	168.40	171.22	170.30	171.51	0.002749	2.36	53.18	26.30	0.48
Bisenzio	Bisenzio_V-Fiume	363	Max WS	TR30_03h	172.54	168.40	171.80	170.65	172.15	0.002556	2.62	65.81	26.30	0.48
Bisenzio	Bisenzio_V-Fiume	363	Max WS	TR30_04h	193.55	168.40	172.04	170.80	172.42	0.002483	2.72	71.13	26.30	0.48
Bisenzio	Bisenzio_V-Fiume	363	Max WS	TR30_06h	205.57	168.40	172.18	170.88	172.57	0.002444	2.77	74.10	26.30	0.48
Bisenzio	Bisenzio_V-Fiume	363	Max WS	TR30_09h	197.13	168.40	172.08	170.82	172.46	0.002468	2.74	72.05	26.30	0.48
Bisenzio	Bisenzio_V-Fiume	363	Max WS	TR30_12h	185.56	168.40	171.95	170.74	172.32	0.002508	2.68	69.15	26.30	0.48
Bisenzio	Bisenzio_V-Fiume	363	Max WS	TR200_01h	180.26	168.40	171.88	170.71	172.24	0.002546	2.66	67.65	26.30	0.48
Bisenzio	Bisenzio_V-Fiume	363	Max WS	TR200_02h	340.24	168.40	173.59	171.71	174.12	0.002086	3.24	105.13	26.31	0.47
Bisenzio	Bisenzio_V-Fiume	363	Max WS	TR200_03h	409.16	168.40	174.29	172.09	174.88	0.001909	3.39	120.60	26.32	0.46
Bisenzio	Bisenzio_V-Fiume	363	Max WS	TR200_06h	415.94	168.40	174.36	172.13	174.95	0.001891	3.41	122.14	26.32	0.46
Bisenzio	Bisenzio_V-Fiume	363	Max WS	TR200_09h	381.68	168.40	174.01	171.94	174.58	0.001976	3.33	114.48	26.32	0.47
Bisenzio	Bisenzio_V-Fiume	363	Max WS	TR200_12h	346.44	168.40	173.66	171.74	174.20	0.002063	3.25	106.63	26.31	0.47
Bisenzio	Bisenzio_V-Fiume	362			Bridge									
Bisenzio	Bisenzio_V-Fiume	361	Max WS	TR30_01h	51.65	168.42	169.96		170.18	0.005817	2.08	24.81	25.51	0.62
Bisenzio	Bisenzio_V-Fiume	361	Max WS	TR30_02h	125.41	168.42	170.89		171.29	0.004755	2.79	44.88	28.06	0.62
Bisenzio	Bisenzio_V-Fiume	361	Max WS	TR30_03h	172.54	168.42	171.39		171.88	0.004404	3.10	55.61	29.04	0.62
Bisenzio	Bisenzio_V-Fiume	361	Max WS	TR30_04h	193.55	168.42	171.59		172.12	0.004281	3.22	60.08	29.35	0.62
Bisenzio	Bisenzio_V-Fiume	361	Max WS	TR30_06h	205.57	168.42	171.71		172.26	0.004201	3.28	62.65	29.99	0.62
Bisenzio	Bisenzio_V-Fiume	361	Max WS	TR30_09h	197.12	168.42	171.64		172.17	0.004230	3.23	60.97	29.41	0.61
Bisenzio	Bisenzio_V-Fiume	361	Max WS	TR30_12h	185.56	168.42	171.52		172.04	0.004288	3.17	58.56	29.24	0.61
Bisenzio	Bisenzio_V-Fiume	361	Max WS	TR200_01h	180.22	168.42	171.46		171.96	0.004398	3.16	57.10	29.14	0.62
Bisenzio	Bisenzio_V-Fiume	361	Max WS	TR200_02h	340.20	168.42	172.76		173.57	0.004130	3.99	85.19	31.84	0.64
Bisenzio	Bisenzio_V-Fiume	361	Max WS	TR200_03h	409.16	168.42	173.18		174.14	0.004242	4.33	94.41	31.94	0.66
Bisenzio	Bisenzio_V-Fiume	361	Max WS	TR200_06h	415.94	168.42	173.23		174.20	0.004228	4.36	95.44	31.95	0.66
Bisenzio	Bisenzio_V-Fiume	361	Max WS	TR200_09h	381.67	168.42	173.03		173.93	0.004157	4.19	91.11	31.90	0.65
Bisenzio	Bisenzio_V-Fiume	361	Max WS	TR200_12h	346.44	168.42	172.82		173.63	0.004077	4.01	86.47	31.85	0.64
Bisenzio	Bisenzio_V-Fiume	360.9			Lat Struct									
Bisenzio	Bisenzio_V-Fiume	360.2			Lat Struct									
Bisenzio	Bisenzio_V-Fiume	360	Max WS	TR30_01h	51.63	167.99	169.49		169.73	0.005848	2.16	23.88	19.13	0.62
Bisenzio	Bisenzio_V-Fiume	360	Max WS	TR30_02h	125.40	167.99	170.51		170.90	0.004901	2.80	46.62	26.79	0.61
Bisenzio	Bisenzio_V-Fiume	360	Max WS	TR30_03h	172.53	167.99	171.04		171.49	0.004366	3.00	62.34	31.67	0.59
Bisenzio	Bisenzio_V-Fiume	360	Max WS	TR30_04h	193.55	167.99	171.27		171.73	0.004132	3.06	69.83	33.74	0.58
Bisenzio	Bisenzio_V-Fiume	360	Max WS	TR30_06h	205.57	167.99	171.40		171.87	0.003987	3.08	74.36	34.94	0.58
Bisenzio	Bisenzio_V-Fiume	360	Max WS	TR30_09h	197.15	167.99	171.32		171.78	0.004047	3.06	71.46	34.18	0.58
Bisenzio	Bisenzio_V-Fiume	360	Max WS	TR30_12h	185.59	167.99	171.20		171.65	0.004157	3.02	67.36	33.07	0.58
Bisenzio	Bisenzio_V-Fiume	360	Max WS	TR200_01h	180.21	167.99	171.11		171.57	0.004352	3.04	64.61	32.31	0.59
Bisenzio	Bisenzio_V-Fiume	360	Max WS	TR200_02h	338.48	167.99	172.51		173.05	0.003416	3.40	116.93	39.72	0.55
Bisenzio	Bisenzio_V-Fiume	360	Max WS	TR200_03h	404.58	167.99	172.95		173.52	0.003355	3.56	134.24	40.15	0.55
Bisenzio	Bisenzio_V-Fiume	360	Max WS	TR200_06h	411.00	167.99	173.00		173.57	0.003317	3.56	136.35	40.21	0.55
Bisenzio	Bisenzio_V-Fiume	360	Max WS	TR200_09h	378.20	167.99	172.80		173.35	0.003312	3.47	128.38	40.01	0.55
Bisenzio	Bisenzio_V-Fiume	360	Max WS	TR200_12h	344.42	167.99	172.59	</						

HEC-RAS Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
					(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
Bisenzio	Bisenzio_V-Fiume	358	Max WS	TR200_02h	334.70	167.22	171.97		172.76	0.005210	3.92	85.39	21.55	0.63
Bisenzio	Bisenzio_V-Fiume	358	Max WS	TR200_03h	395.55	167.22	172.36		173.27	0.005533	4.22	93.78	21.60	0.65
Bisenzio	Bisenzio_V-Fiume	358	Max WS	TR200_06h	401.14	167.22	172.41		173.32	0.005492	4.23	94.93	21.61	0.64
Bisenzio	Bisenzio_V-Fiume	358	Max WS	TR200_09h	371.43	167.22	172.24		173.08	0.005312	4.08	91.09	21.59	0.63
Bisenzio	Bisenzio_V-Fiume	358	Max WS	TR200_12h	340.16	167.22	172.05		172.83	0.005094	3.91	87.00	21.56	0.62
Bisenzio	Bisenzio_V-Fiume	357	Max WS	TR30_01h	51.68	166.17	168.98		169.11	0.002012	1.59	32.55	17.30	0.37
Bisenzio	Bisenzio_V-Fiume	357	Max WS	TR30_02h	126.57	166.17	169.91		170.25	0.003577	2.57	49.30	20.27	0.51
Bisenzio	Bisenzio_V-Fiume	357	Max WS	TR30_03h	175.32	166.17	170.38		170.84	0.004086	3.00	59.91	24.62	0.55
Bisenzio	Bisenzio_V-Fiume	357	Max WS	TR30_04h	197.39	166.17	170.58		171.08	0.004307	3.15	64.99	26.79	0.57
Bisenzio	Bisenzio_V-Fiume	357	Max WS	TR30_06h	210.72	166.17	170.69		171.22	0.004451	3.23	68.08	27.57	0.58
Bisenzio	Bisenzio_V-Fiume	357	Max WS	TR30_09h	202.36	166.17	170.62		171.13	0.004360	3.18	66.16	27.13	0.58
Bisenzio	Bisenzio_V-Fiume	357	Max WS	TR30_12h	190.51	166.17	170.52		171.01	0.004225	3.10	63.38	26.03	0.56
Bisenzio	Bisenzio_V-Fiume	357	Max WS	TR200_01h	181.91	166.17	170.44		170.91	0.004139	3.05	61.38	25.16	0.56
Bisenzio	Bisenzio_V-Fiume	357	Max WS	TR200_02h	342.77	166.17	171.64		172.36	0.004956	3.84	96.37	31.12	0.63
Bisenzio	Bisenzio_V-Fiume	357	Max WS	TR200_03h	408.58	166.17	172.00		172.83	0.005171	4.13	107.72	31.71	0.65
Bisenzio	Bisenzio_V-Fiume	357	Max WS	TR200_06h	416.88	166.17	172.05		172.89	0.005190	4.16	109.16	31.78	0.65
Bisenzio	Bisenzio_V-Fiume	357	Max WS	TR200_09h	385.89	166.17	171.88		172.67	0.005113	4.04	103.79	31.51	0.64
Bisenzio	Bisenzio_V-Fiume	357	Max WS	TR200_12h	352.49	166.17	171.70		172.44	0.004954	3.88	98.35	31.22	0.63
Bisenzio	Bisenzio_V-Fiume	356	Max WS	TR30_01h	51.67	166.84	168.89	167.83	168.94	0.000928	1.03	50.25	28.73	0.25
Bisenzio	Bisenzio_V-Fiume	356	Max WS	TR30_02h	126.56	166.84	169.76	168.40	169.90	0.001534	1.68	75.80	31.15	0.33
Bisenzio	Bisenzio_V-Fiume	356	Max WS	TR30_03h	175.32	166.84	170.19	168.70	170.39	0.001774	1.99	89.65	32.11	0.36
Bisenzio	Bisenzio_V-Fiume	356	Max WS	TR30_04h	197.39	166.84	170.37	168.82	170.60	0.001867	2.11	95.42	32.50	0.37
Bisenzio	Bisenzio_V-Fiume	356	Max WS	TR30_06h	210.73	166.84	170.48	168.90	170.72	0.001917	2.18	98.81	32.72	0.38
Bisenzio	Bisenzio_V-Fiume	356	Max WS	TR30_09h	202.45	166.84	170.41	168.86	170.64	0.001886	2.14	96.71	32.58	0.38
Bisenzio	Bisenzio_V-Fiume	356	Max WS	TR30_12h	190.59	166.84	170.32	168.78	170.54	0.001839	2.07	93.67	32.38	0.37
Bisenzio	Bisenzio_V-Fiume	356	Max WS	TR200_01h	181.89	166.84	170.25	168.74	170.46	0.001803	2.02	91.40	32.23	0.37
Bisenzio	Bisenzio_V-Fiume	356	Max WS	TR200_02h	343.68	166.84	171.39	169.59	171.77	0.002320	2.76	129.62	35.25	0.43
Bisenzio	Bisenzio_V-Fiume	356	Max WS	TR200_03h	411.14	166.84	171.72	169.92	172.18	0.002587	3.04	141.54	36.24	0.46
Bisenzio	Bisenzio_V-Fiume	356	Max WS	TR200_06h	419.61	166.84	171.76	169.96	172.23	0.002612	3.07	143.10	36.29	0.46
Bisenzio	Bisenzio_V-Fiume	356	Max WS	TR200_09h	388.31	166.84	171.60	169.81	172.04	0.002517	2.95	137.28	35.93	0.45
Bisenzio	Bisenzio_V-Fiume	356	Max WS	TR200_12h	354.00	166.84	171.45	169.65	171.84	0.002346	2.79	131.83	35.45	0.44
Bisenzio	Bisenzio_V-Fiume	354.5												
Bisenzio	Bisenzio_V-Fiume	354	Max WS	TR30_01h	51.65	164.14	167.06		167.11	0.000676	0.99	52.11	25.69	0.22
Bisenzio	Bisenzio_V-Fiume	354	Max WS	TR30_02h	126.56	164.14	167.84		167.99	0.001527	1.72	73.66	28.97	0.34
Bisenzio	Bisenzio_V-Fiume	354	Max WS	TR30_03h	175.31	164.14	168.23		168.45	0.001911	2.06	85.20	29.91	0.39
Bisenzio	Bisenzio_V-Fiume	354	Max WS	TR30_04h	197.39	164.14	168.39		168.63	0.002062	2.19	90.04	30.29	0.41
Bisenzio	Bisenzio_V-Fiume	354	Max WS	TR30_06h	210.73	164.14	168.48		168.75	0.002147	2.27	92.87	30.56	0.42
Bisenzio	Bisenzio_V-Fiume	354	Max WS	TR30_09h	202.44	164.14	168.43		168.68	0.002092	2.22	91.16	30.38	0.41
Bisenzio	Bisenzio_V-Fiume	354	Max WS	TR30_12h	190.59	164.14	168.34		168.58	0.002015	2.15	88.60	30.18	0.40
Bisenzio	Bisenzio_V-Fiume	354	Max WS	TR200_01h	181.87	164.14	168.28		168.50	0.001957	2.10	86.65	30.02	0.39
Bisenzio	Bisenzio_V-Fiume	354	Max WS	TR200_02h	343.60	164.14	169.30		169.73	0.002661	2.91	119.61	34.31	0.47
Bisenzio	Bisenzio_V-Fiume	354	Max WS	TR200_03h	411.11	164.14	169.68		170.18	0.002754	3.15	133.48	37.95	0.49
Bisenzio	Bisenzio_V-Fiume	354	Max WS	TR200_06h	419.61	164.14	169.73		170.24	0.002758	3.18	135.33	38.18	0.49
Bisenzio	Bisenzio_V-Fiume	354	Max WS	TR200_09h	388.31	164.14	169.56		170.03	0.002722	3.07	128.78	36.92	0.49
Bisenzio	Bisenzio_V-Fiume	354	Max WS	TR200_12h	354.00	164.14	169.36		169.80	0.002665	2.94	121.90	34.47	0.48
Bisenzio	Bisenzio_V-Fiume	353.9												
Bisenzio	Bisenzio_V-Fiume	353.8												
Bisenzio	Bisenzio_V-Fiume	353	Max WS	TR30_01h	51.64	164.57	166.81		166.93	0.004179	1.54	33.58	34.39	0.50
Bisenzio	Bisenzio_V-Fiume	353	Max WS	TR30_02h	126.55	164.57	167.57		167.79	0.003808	2.06	61.39	37.51	0.51
Bisenzio	Bisenzio_V-Fiume	353	Max WS	TR30_03h	175.30	164.57	167.97		168.23	0.003685	2.29	76.41	38.63	0.52
Bisenzio	Bisenzio_V-Fiume	353	Max WS	TR30_04h	197.38	164.57	168.13		168.42	0.003646	2.39	82.76	39.09	0.52
Bisenzio	Bisenzio_V-Fiume	353	Max WS	TR30_06h	210.74	164.57	168.22		168.53	0.003625	2.44	86.50	39.36	0.52
Bisenzio	Bisenzio_V-Fiume	353	Max WS	TR30_09h	202.51	164.57	168.17		168.46	0.003635	2.40	84.23	39.20	0.52
Bisenzio	Bisenzio_V-Fiume	353	Max WS	TR30_12h	190.65	164.57	168.08		168.36	0.003654	2.36	80.87	38.95	0.52
Bisenzio	Bisenzio_V-Fiume	353	Max WS	TR200_01h	181.85	164.57	168.02		168.29	0.003672	2.32	78.32	38.77	0.52
Bisenzio	Bisenzio_V-Fiume	353	Max WS	TR200_02h	344.74	164.57	169.07		169.48	0.003503	2.86	120.62	41.75	0.54
Bisenzio	Bisenzio_V-Fiume	353	Max WS	TR200_03h	414.19	164.57	169.46		169.92	0.003444	3.01	137.39	43.26	0.54
Bisenzio	Bisenzio_V-Fiume	353	Max WS	TR200_06h	423.19	164.57	169.51		169.98	0.003438	3.03	139.55	43.48	0.54
Bisenzio	Bisenzio_V-Fiume	353	Max WS	TR200_09h	390.69	164.57	169.33		169.78	0.003449	2.96	131.89	42.69	0.54
Bisenzio	Bisenzio_V-Fiume	353	Max WS	TR200_12h	355.65	164.57	169.13		169.56	0.003470	2.88	123.50	41.94	0.54
Bisenzio	Bisenzio_V-Fiume	352	Max WS	TR30_01h	51.63	164.78	166.69	165.76	166.75	0.001173	1.08	47.66	32.60	0.29
Bisenzio	Bisenzio_V-Fiume	352	Max WS	TR30_02h	126.54	164.78	167.45	166.36	167.60	0.001866	1.73	73.22	34.81	0.38
Bisenzio	Bisenzio_V-Fiume	352	Max WS	TR30_03h	175.30	164.78	167.84	166.66	168.04	0.002120	2.02	86.97	35.94	0.41
Bisenzio	Bisenzio_V-Fiume	352	Max WS	TR30_04h	197.38	164.78	168.00	166.78	168.23	0.002210	2.13	92.80	36.41	0.43
Bisenzio	Bisenzio_V-Fiume	352	Max WS	TR30_06h	210.75	164.78	168.09	166.86	168.34	0.002258	2.19	96.23	36.68	0.43
Bisenzio	Bisenzio_V-Fiume	352	Max WS	TR30_09h	202.56	164.78	168.03	166.81	168.27	0.002229	2.15	94.14	36.51	0.43
Bisenzio	Bisenzio_V-Fiume	352	Max WS	TR30_12h	190.69	164.78	167.95	166.74	168.17	0.002184	2.09	91.06	36.27	0.42
Bisenzio	Bisenzio_V-Fiume	352	Max WS	TR200_01h	181.85	164.78	167.88	166.69	168.10	0.002148	2.05	88.73	36.08	0.42
Bisenzio	Bisenzio_V-Fiume	352	Max WS	TR200_02h	344.80	164.78	168.92	167.51	169.29	0.002605	2.70	127.55	39.09	0.48
Bisenzio	Bisenzio_V-Fiume	352	Max WS	TR200_03h	416.83	164.78	169.30	167.81	169.73	0.002753	2.92	142.65	40.42	0.50
Bisenzio	Bisenzio_V-Fiume	352	Max WS	TR200_06h	426.24	164.78	169.35	167.85	169.79	0.002772	2.95	144.58	40.62	0.50
Bisenzio	Bisenzio_V-Fiume	352	Max WS	TR200_09h	392.77	164.78	169.17	167.71	169.59	0.002703	2.85	137.68	39.92	0.49
Bisenzio	Bisenzio_V-Fiume	352	Max WS	TR200_12h	356.71	164.78	168.98	167.56	169.37	0.002629	2.74	130.11	39.28	0.48
Bisenzio	Bisenzio_V-Fiume	350.5												
Bisenzio	Bisenzio_V-Fiume	350	Max WS	TR30_01h	51.61	162.22	164.41		164.51	0.001539	1.39	37.12	20.81	0.33
Bisenzio	Bisenzio_V-Fiume	350	Max WS	TR30_02h	126.53	162.22	165.47		165.69	0.002281	2.09	60.59	24.31	0.42
Bisenzio	Bisenzio_V-Fiume	350	Max WS	TR30_03h	175.29	162.22	165.94		166.23	0.002807	2.38	73.53	28.33	0.47
Bisenzio	Bisenzio_V-Fiume	350	Max WS	TR30_04h	197.37	162.22	166.13		166.45	0.002994	2.51	78.78	29.60	0.49
Bisenzio	Bisenzio_V-Fiume	350	Max WS	TR30_06h	210.74	162.22	166.23		166.57	0.003094	2.57	81.91	30.33	0.50
Bisenzio	Bisenzio_V-Fiume	350	Max WS	TR30_09h	202.56	162.22	166.17		166.49	0.003029	2.53	80.05	29.90	0.49
Bisenzio	Bisenzio_V-Fiume	350	Max WS	TR30_12h	190.69	162.22	166.07		166.38	0.002934	2.47	77.27	29.24	0.48
Bisenzio	Bisenzio_V-Fiume													

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio_V-Fiume	349	Max WS	TR30_01h	51.58	162.18	163.71		163.94	0.005587	2.12	24.31	19.35	0.60
Bisenzio	Bisenzio_V-Fiume	349	Max WS	TR30_02h	126.52	162.18	164.57		165.03	0.006965	3.01	42.03	22.93	0.71
Bisenzio	Bisenzio_V-Fiume	349	Max WS	TR30_03h	175.27	162.18	164.99		165.58	0.006843	3.39	51.85	24.27	0.72
Bisenzio	Bisenzio_V-Fiume	349	Max WS	TR30_04h	197.37	162.18	165.16		165.80	0.006805	3.55	56.03	25.10	0.73
Bisenzio	Bisenzio_V-Fiume	349	Max WS	TR30_06h	210.76	162.18	165.26		165.93	0.006779	3.64	58.54	25.59	0.73
Bisenzio	Bisenzio_V-Fiume	349	Max WS	TR30_09h	202.69	162.18	165.20		165.85	0.006784	3.59	57.06	25.30	0.73
Bisenzio	Bisenzio_V-Fiume	349	Max WS	TR30_12h	190.81	162.18	165.11		165.74	0.006805	3.51	54.83	24.87	0.73
Bisenzio	Bisenzio_V-Fiume	349	Max WS	TR200_01h	181.79	162.18	165.04		165.64	0.006831	3.44	53.09	24.52	0.72
Bisenzio	Bisenzio_V-Fiume	349	Max WS	TR200_02h	344.71	162.18	166.13		167.09	0.006549	4.37	82.75	29.43	0.76
Bisenzio	Bisenzio_V-Fiume	349	Max WS	TR200_03h	417.49	162.18	166.55		167.63	0.006417	4.67	95.16	30.15	0.76
Bisenzio	Bisenzio_V-Fiume	349	Max WS	TR200_06h	427.20	162.18	166.60		167.71	0.006381	4.70	96.88	30.25	0.76
Bisenzio	Bisenzio_V-Fiume	349	Max WS	TR200_09h	393.39	162.18	166.42		167.46	0.006426	4.56	91.28	29.93	0.76
Bisenzio	Bisenzio_V-Fiume	349	Max WS	TR200_12h	356.99	162.18	166.21		167.19	0.006496	4.41	85.03	29.56	0.76
Bisenzio	Bisenzio_V-Fiume	348.50	Max WS	TR30_01h	51.57	161.70	163.36		163.66	0.007414	2.41	21.38	17.41	0.70
Bisenzio	Bisenzio_V-Fiume	348.50	Max WS	TR30_02h	126.51	161.70	164.19		164.78	0.008261	3.44	37.91	21.77	0.79
Bisenzio	Bisenzio_V-Fiume	348.50	Max WS	TR30_03h	175.27	161.70	164.60		165.36	0.008450	3.88	47.24	23.11	0.81
Bisenzio	Bisenzio_V-Fiume	348.50	Max WS	TR30_04h	197.36	161.70	164.77		165.59	0.008553	4.06	51.15	23.64	0.83
Bisenzio	Bisenzio_V-Fiume	348.50	Max WS	TR30_06h	210.77	161.70	164.87		165.73	0.008595	4.15	53.49	23.94	0.83
Bisenzio	Bisenzio_V-Fiume	348.50	Max WS	TR30_09h	202.74	161.70	164.81		165.65	0.008559	4.09	52.12	23.76	0.83
Bisenzio	Bisenzio_V-Fiume	348.50	Max WS	TR30_12h	190.85	161.70	164.72		165.52	0.008508	4.00	50.04	23.49	0.82
Bisenzio	Bisenzio_V-Fiume	348.50	Max WS	TR200_01h	181.78	161.70	164.65		165.43	0.008477	3.93	48.42	23.27	0.82
Bisenzio	Bisenzio_V-Fiume	348.50	Max WS	TR200_02h	344.71	161.70	165.74		166.92	0.008780	4.92	75.67	26.88	0.87
Bisenzio	Bisenzio_V-Fiume	348.50	Max WS	TR200_03h	417.49	161.70	166.16		167.48	0.008815	5.22	87.18	28.27	0.88
Bisenzio	Bisenzio_V-Fiume	348.50	Max WS	TR200_06h	427.23	161.70	166.22		167.55	0.008777	5.24	88.84	28.46	0.88
Bisenzio	Bisenzio_V-Fiume	348.50	Max WS	TR200_09h	393.47	161.70	166.03		167.30	0.008757	5.12	83.60	27.85	0.88
Bisenzio	Bisenzio_V-Fiume	348.50	Max WS	TR200_12h	357.07	161.70	165.82		167.02	0.008730	4.97	77.82	27.13	0.87
Bisenzio	Bisenzio_V-Fiume	348	Max WS	TR30_01h	51.57	161.38	162.88		163.25	0.011872	2.69	19.14	19.06	0.86
Bisenzio	Bisenzio_V-Fiume	348	Max WS	TR30_02h	126.51	161.38	163.74		164.34	0.010141	3.45	36.72	22.72	0.85
Bisenzio	Bisenzio_V-Fiume	348	Max WS	TR30_03h	175.27	161.38	164.16		164.89	0.009564	3.78	46.90	24.90	0.85
Bisenzio	Bisenzio_V-Fiume	348	Max WS	TR30_04h	197.37	161.38	164.34		165.11	0.009281	3.92	51.25	25.94	0.85
Bisenzio	Bisenzio_V-Fiume	348	Max WS	TR30_06h	210.77	161.38	164.43		165.24	0.009101	3.99	53.86	26.59	0.84
Bisenzio	Bisenzio_V-Fiume	348	Max WS	TR30_09h	202.78	161.38	164.38		165.17	0.009179	3.94	52.36	26.22	0.84
Bisenzio	Bisenzio_V-Fiume	348	Max WS	TR30_12h	190.88	161.38	164.29		165.05	0.009336	3.87	50.06	25.64	0.85
Bisenzio	Bisenzio_V-Fiume	348	Max WS	TR200_01h	181.77	161.38	164.22		164.96	0.009521	3.82	48.19	25.16	0.85
Bisenzio	Bisenzio_V-Fiume	348	Max WS	TR200_02h	344.68	161.38	165.31		166.38	0.007974	4.64	79.00	30.71	0.83
Bisenzio	Bisenzio_V-Fiume	348	Max WS	TR200_03h	417.49	161.38	165.72		166.91	0.007562	4.91	92.06	31.98	0.83
Bisenzio	Bisenzio_V-Fiume	348	Max WS	TR200_06h	427.61	161.38	165.78		166.98	0.007478	4.93	94.00	32.16	0.83
Bisenzio	Bisenzio_V-Fiume	348	Max WS	TR200_09h	393.58	161.38	165.60		166.74	0.007618	4.81	88.10	31.60	0.83
Bisenzio	Bisenzio_V-Fiume	348	Max WS	TR200_12h	357.16	161.38	165.39		166.47	0.007824	4.67	81.53	30.96	0.83
Bisenzio	Bisenzio_V-Fiume	347	Max WS	TR30_01h	51.53	160.06	162.06		162.25	0.003855	1.93	26.75	18.01	0.50
Bisenzio	Bisenzio_V-Fiume	347	Max WS	TR30_02h	126.48	160.06	162.97		163.39	0.005019	2.87	44.92	23.32	0.60
Bisenzio	Bisenzio_V-Fiume	347	Max WS	TR30_03h	175.24	160.06	163.41		163.96	0.005234	3.30	56.84	29.46	0.63
Bisenzio	Bisenzio_V-Fiume	347	Max WS	TR30_04h	197.35	160.06	163.59		164.18	0.005287	3.45	62.26	30.90	0.64
Bisenzio	Bisenzio_V-Fiume	347	Max WS	TR30_06h	210.78	160.06	163.70		164.31	0.005298	3.54	65.50	31.11	0.65
Bisenzio	Bisenzio_V-Fiume	347	Max WS	TR30_09h	202.85	160.06	163.64		164.24	0.005267	3.48	63.71	31.00	0.64
Bisenzio	Bisenzio_V-Fiume	347	Max WS	TR30_12h	190.95	160.06	163.55		164.12	0.005243	3.40	60.86	30.81	0.64
Bisenzio	Bisenzio_V-Fiume	347	Max WS	TR200_01h	181.72	160.06	163.47		164.03	0.005263	3.35	58.39	30.05	0.64
Bisenzio	Bisenzio_V-Fiume	347	Max WS	TR200_02h	344.64	160.06	164.61		165.45	0.005320	4.22	94.61	32.93	0.68
Bisenzio	Bisenzio_V-Fiume	347	Max WS	TR200_03h	417.51	160.06	165.04		165.98	0.005271	4.50	109.17	33.80	0.69
Bisenzio	Bisenzio_V-Fiume	347	Max WS	TR200_06h	428.17	160.06	165.11		166.06	0.005244	4.54	111.39	33.93	0.69
Bisenzio	Bisenzio_V-Fiume	347	Max WS	TR200_09h	393.88	160.06	164.92		165.82	0.005229	4.40	104.95	33.55	0.68
Bisenzio	Bisenzio_V-Fiume	347	Max WS	TR200_12h	357.32	160.06	164.70		165.55	0.005246	4.26	97.64	33.11	0.68
Bisenzio	Bisenzio_V-Fiume	346	Max WS	TR30_01h	51.50	159.78	161.63		161.80	0.004412	1.85	27.88	23.15	0.54
Bisenzio	Bisenzio_V-Fiume	346	Max WS	TR30_02h	126.44	159.78	162.48		162.81	0.004757	2.53	50.53	30.14	0.60
Bisenzio	Bisenzio_V-Fiume	346	Max WS	TR30_03h	175.22	159.78	162.92		163.32	0.004512	2.81	64.36	33.23	0.60
Bisenzio	Bisenzio_V-Fiume	346	Max WS	TR30_04h	197.35	159.78	163.10		163.53	0.004428	2.92	70.49	34.51	0.60
Bisenzio	Bisenzio_V-Fiume	346	Max WS	TR30_06h	210.79	159.78	163.21		163.65	0.004365	2.97	74.25	34.85	0.59
Bisenzio	Bisenzio_V-Fiume	346	Max WS	TR30_09h	202.93	159.78	163.15		163.59	0.004359	2.93	72.30	34.75	0.59
Bisenzio	Bisenzio_V-Fiume	346	Max WS	TR30_12h	191.04	159.78	163.06		163.48	0.004391	2.88	69.07	34.22	0.59
Bisenzio	Bisenzio_V-Fiume	346	Max WS	TR200_01h	181.65	159.78	162.97		163.38	0.004499	2.84	66.08	33.59	0.59
Bisenzio	Bisenzio_V-Fiume	346	Max WS	TR200_02h	344.57	159.78	164.08		164.69	0.004291	3.52	105.38	36.33	0.61
Bisenzio	Bisenzio_V-Fiume	346	Max WS	TR200_03h	417.50	159.78	164.50		165.19	0.004263	3.75	120.73	37.04	0.61
Bisenzio	Bisenzio_V-Fiume	346	Max WS	TR200_06h	428.20	159.78	164.57		165.26	0.004224	3.78	123.26	37.16	0.61
Bisenzio	Bisenzio_V-Fiume	346	Max WS	TR200_09h	394.07	159.78	164.39		165.04	0.004189	3.66	116.68	36.85	0.61
Bisenzio	Bisenzio_V-Fiume	346	Max WS	TR200_12h	357.51	159.78	164.18		164.80	0.004189	3.54	109.03	36.50	0.60
Bisenzio	Bisenzio_V-Fiume	345	Max WS	TR30_01h	51.48	159.26	160.82		161.08	0.006692	2.28	22.57	18.42	0.66
Bisenzio	Bisenzio_V-Fiume	345	Max WS	TR30_02h	126.43	159.26	161.78		162.25	0.006230	3.03	42.91	28.23	0.68
Bisenzio	Bisenzio_V-Fiume	345	Max WS	TR30_03h	175.22	159.26	162.25		162.79	0.005831	3.30	58.10	33.28	0.68
Bisenzio	Bisenzio_V-Fiume	345	Max WS	TR30_04h	197.35	159.26	162.44		163.01	0.005703	3.40	64.37	33.51	0.68
Bisenzio	Bisenzio_V-Fiume	345	Max WS	TR30_06h	210.81	159.26	162.56		163.13	0.005583	3.45	68.28	33.65	0.67
Bisenzio	Bisenzio_V-Fiume	345	Max WS	TR30_09h	203.02	159.26	162.50		163.06	0.005566	3.41	66.42	33.58	0.67
Bisenzio	Bisenzio_V-Fiume	345	Max WS	TR30_12h	191.11	159.26	162.40		162.95	0.005619	3.35	63.15	33.46	0.67
Bisenzio	Bisenzio_V-Fiume	345	Max WS	TR200_01h	181.61	159.26	162.30		162.85	0.005826	3.34	59.81	33.34	0.68
Bisenzio	Bisenzio_V-Fiume	345	Max WS	TR200_02h	344.55	159.26	163.45		164.19	0.005455	3.99	98.92	34.72	0.69
Bisenzio	Bisenzio_V-Fiume	345	Max WS	TR200_03h	417.48	159.26	163.88		164.70	0.005224	4.22	114.95	39.85	0.69
Bisenzio	Bisenzio_V-Fiume	345	Max WS	TR200_06h	428.16	159.26	163.96		164.78	0.005125	4.23	117.96	40.79	0.68
Bisenzio	Bisenzio_V-Fiume	345	Max WS	TR200_09h	394.25	159.26	163.78		164.56	0.005130	4.11	110.98	38.57	0.68
Bisenzio	Bisenzio_V-Fiume	345	Max WS	TR200_12h	357.69	159.26	163.57		164.31	0.005213	3.98	103.07	35.89	0.68
Bisenzio	Bisenzio_V-Fiume	343	Max WS	TR30_01h	51.47	158.65	160.50		160.76	0.006445	2.29	22.52	17.91	0.65
Bisenzio	Bisenzio_V-Fiume	343	Max WS	TR30_02h	126.42	158.65	161.48		161.94	0.006205	3.00	42.31	23.42	0.67
Bisenzio	Bisenzio_V-Fiume	343	Max WS	TR30_03h	175.21	158.65	161.95		162.51	0.005975	3.3			

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio_V-Fiume	342	Max WS	TR30_03h	175.83	158.65	161.82		162.34	0.005676	3.21	55.53	25.59	0.66
Bisenzio	Bisenzio_V-Fiume	342	Max WS	TR30_04h	198.50	158.65	162.01		162.58	0.005662	3.34	60.54	26.52	0.66
Bisenzio	Bisenzio_V-Fiume	342	Max WS	TR30_06h	213.02	158.65	162.13		162.72	0.005656	3.43	63.67	27.22	0.66
Bisenzio	Bisenzio_V-Fiume	342	Max WS	TR30_09h	206.01	158.65	162.07		162.65	0.005655	3.39	62.18	26.89	0.66
Bisenzio	Bisenzio_V-Fiume	342	Max WS	TR30_12h	194.02	158.65	161.97		162.53	0.005655	3.31	59.61	26.31	0.66
Bisenzio	Bisenzio_V-Fiume	342	Max WS	TR200_01h	181.77	158.65	161.87		162.40	0.005689	3.24	56.86	25.67	0.66
Bisenzio	Bisenzio_V-Fiume	342	Max WS	TR200_02h	345.69	158.65	163.01		163.85	0.005651	4.11	91.60	34.75	0.69
Bisenzio	Bisenzio_V-Fiume	342	Max WS	TR200_03h	420.56	158.65	163.44		164.38	0.005580	4.40	106.54	35.41	0.70
Bisenzio	Bisenzio_V-Fiume	342	Max WS	TR200_06h	434.44	158.65	163.50		164.47	0.005606	4.46	108.93	35.51	0.70
Bisenzio	Bisenzio_V-Fiume	342	Max WS	TR200_09h	400.57	158.65	163.33		164.25	0.005554	4.32	102.95	35.25	0.69
Bisenzio	Bisenzio_V-Fiume	342	Max WS	TR200_12h	363.70	158.65	163.12		163.98	0.005584	4.17	95.61	34.93	0.69
Bisenzio	Bisenzio_V-Fiume	341	Max WS	TR30_01h	51.43	158.00	159.67		159.88	0.005143	2.02	25.52	20.20	0.57
Bisenzio	Bisenzio_V-Fiume	341	Max WS	TR30_02h	126.55	158.00	160.65		161.03	0.005149	2.73	46.32	22.28	0.61
Bisenzio	Bisenzio_V-Fiume	341	Max WS	TR30_03h	175.82	158.00	161.10		161.59	0.005202	3.10	58.51	35.65	0.62
Bisenzio	Bisenzio_V-Fiume	341	Max WS	TR30_04h	198.49	158.00	161.29		161.82	0.005083	3.22	65.48	36.31	0.63
Bisenzio	Bisenzio_V-Fiume	341	Max WS	TR30_06h	213.01	158.00	161.41		161.96	0.005000	3.29	69.89	37.32	0.62
Bisenzio	Bisenzio_V-Fiume	341	Max WS	TR30_09h	206.09	158.00	161.36		161.89	0.005034	3.26	67.81	36.68	0.62
Bisenzio	Bisenzio_V-Fiume	341	Max WS	TR30_12h	194.11	158.00	161.26		161.77	0.005098	3.20	64.20	36.19	0.62
Bisenzio	Bisenzio_V-Fiume	341	Max WS	TR200_01h	181.70	158.00	161.15		161.65	0.005177	3.14	60.32	35.82	0.63
Bisenzio	Bisenzio_V-Fiume	341	Max WS	TR200_02h	345.59	158.00	162.31		162.99	0.004658	3.81	106.96	44.30	0.63
Bisenzio	Bisenzio_V-Fiume	341	Max WS	TR200_03h	420.51	158.00	162.73		163.48	0.004536	4.04	125.97	46.22	0.63
Bisenzio	Bisenzio_V-Fiume	341	Max WS	TR200_06h	434.51	158.00	162.79		163.56	0.004557	4.09	128.97	46.52	0.64
Bisenzio	Bisenzio_V-Fiume	341	Max WS	TR200_09h	400.78	158.00	162.63		163.36	0.004529	3.97	121.44	45.77	0.63
Bisenzio	Bisenzio_V-Fiume	341	Max WS	TR200_12h	363.92	158.00	162.43		163.13	0.004548	3.85	112.45	44.87	0.63
Bisenzio	Bisenzio_V-Fiume	340	Max WS	TR30_01h	51.39	157.55	159.25		159.46	0.004738	2.02	25.45	19.25	0.56
Bisenzio	Bisenzio_V-Fiume	340	Max WS	TR30_02h	126.53	157.55	160.19		160.59	0.005340	2.79	45.36	23.04	0.63
Bisenzio	Bisenzio_V-Fiume	340	Max WS	TR30_03h	175.81	157.55	160.64		161.15	0.005381	3.16	56.00	24.32	0.65
Bisenzio	Bisenzio_V-Fiume	340	Max WS	TR30_04h	198.48	157.55	160.83		161.38	0.005411	3.30	60.57	24.85	0.66
Bisenzio	Bisenzio_V-Fiume	340	Max WS	TR30_06h	213.01	157.55	160.94		161.53	0.005421	3.39	63.46	25.18	0.66
Bisenzio	Bisenzio_V-Fiume	340	Max WS	TR30_09h	206.14	157.55	160.89		161.46	0.005419	3.35	62.09	25.02	0.66
Bisenzio	Bisenzio_V-Fiume	340	Max WS	TR30_12h	194.16	157.55	160.80		161.34	0.005396	3.28	59.74	24.76	0.66
Bisenzio	Bisenzio_V-Fiume	340	Max WS	TR200_01h	181.68	157.55	160.69		161.21	0.005392	3.20	57.19	24.46	0.65
Bisenzio	Bisenzio_V-Fiume	340	Max WS	TR200_02h	345.57	157.55	161.81		162.65	0.005527	4.09	88.80	31.93	0.70
Bisenzio	Bisenzio_V-Fiume	340	Max WS	TR200_03h	420.49	157.55	162.22		163.19	0.005557	4.41	102.06	33.17	0.71
Bisenzio	Bisenzio_V-Fiume	340	Max WS	TR200_06h	434.56	157.55	162.28		163.28	0.005616	4.48	104.11	33.36	0.72
Bisenzio	Bisenzio_V-Fiume	340	Max WS	TR200_09h	400.91	157.55	162.12		163.06	0.005505	4.32	98.95	32.87	0.71
Bisenzio	Bisenzio_V-Fiume	340	Max WS	TR200_12h	364.05	157.55	161.93		162.80	0.005434	4.15	92.75	32.27	0.70
Bisenzio	Bisenzio_V-Fiume	339	Max WS	TR30_01h	51.33	157.33	158.76		158.96	0.005151	1.98	25.99	21.91	0.58
Bisenzio	Bisenzio_V-Fiume	339	Max WS	TR30_02h	126.51	157.33	159.69		160.05	0.005049	2.65	47.80	25.14	0.61
Bisenzio	Bisenzio_V-Fiume	339	Max WS	TR30_03h	175.80	157.33	160.12		160.57	0.005282	2.98	58.96	26.65	0.64
Bisenzio	Bisenzio_V-Fiume	339	Max WS	TR30_04h	198.47	157.33	160.30		160.79	0.005356	3.11	63.80	27.27	0.65
Bisenzio	Bisenzio_V-Fiume	339	Max WS	TR30_06h	213.01	157.33	160.41		160.93	0.005349	3.18	66.94	28.95	0.65
Bisenzio	Bisenzio_V-Fiume	339	Max WS	TR30_09h	206.20	157.33	160.36		160.87	0.005376	3.15	65.42	27.48	0.65
Bisenzio	Bisenzio_V-Fiume	339	Max WS	TR30_12h	194.23	157.33	160.27		160.76	0.005334	3.09	62.94	27.16	0.65
Bisenzio	Bisenzio_V-Fiume	339	Max WS	TR200_01h	181.63	157.33	160.17		160.63	0.005306	3.02	60.20	26.81	0.64
Bisenzio	Bisenzio_V-Fiume	339	Max WS	TR200_02h	345.53	157.33	161.26		161.97	0.005241	3.75	96.57	37.10	0.67
Bisenzio	Bisenzio_V-Fiume	339	Max WS	TR200_03h	420.24	157.33	161.66		162.46	0.005230	4.01	113.87	45.61	0.68
Bisenzio	Bisenzio_V-Fiume	339	Max WS	TR200_06h	434.61	157.33	161.71		162.54	0.005320	4.07	116.22	45.77	0.69
Bisenzio	Bisenzio_V-Fiume	339	Max WS	TR200_09h	401.07	157.33	161.57		162.35	0.005201	3.94	109.82	45.34	0.68
Bisenzio	Bisenzio_V-Fiume	339	Max WS	TR200_12h	364.21	157.33	161.39		162.12	0.005170	3.81	101.52	44.52	0.67
Bisenzio	Bisenzio_V-Fiume	338	Max WS	TR30_01h	51.27	156.05	158.34		158.45	0.002426	1.49	34.44	24.94	0.40
Bisenzio	Bisenzio_V-Fiume	338	Max WS	TR30_02h	126.48	156.05	159.26		159.46	0.002867	1.99	63.71	33.67	0.46
Bisenzio	Bisenzio_V-Fiume	338	Max WS	TR30_03h	175.27	156.05	159.69		159.95	0.002905	2.24	78.38	34.73	0.48
Bisenzio	Bisenzio_V-Fiume	338	Max WS	TR30_04h	198.46	156.05	159.87		160.15	0.002950	2.35	84.55	35.42	0.48
Bisenzio	Bisenzio_V-Fiume	338	Max WS	TR30_06h	213.01	156.05	159.97		160.27	0.002957	2.41	88.41	37.20	0.49
Bisenzio	Bisenzio_V-Fiume	338	Max WS	TR30_09h	206.27	156.05	159.93		160.21	0.002949	2.38	86.66	36.40	0.48
Bisenzio	Bisenzio_V-Fiume	338	Max WS	TR30_12h	194.30	156.05	159.84		160.11	0.002942	2.33	83.49	35.10	0.48
Bisenzio	Bisenzio_V-Fiume	338	Max WS	TR200_01h	181.58	156.05	159.74		160.00	0.002935	2.27	79.94	34.85	0.48
Bisenzio	Bisenzio_V-Fiume	338	Max WS	TR200_02h	345.45	156.05	160.81		161.23	0.002980	2.89	125.31	49.08	0.51
Bisenzio	Bisenzio_V-Fiume	338	Max WS	TR200_03h	419.58	156.05	161.21		161.68	0.002972	3.09	144.84	50.49	0.52
Bisenzio	Bisenzio_V-Fiume	338	Max WS	TR200_06h	434.67	156.05	161.24		161.74	0.003086	3.17	146.57	50.60	0.53
Bisenzio	Bisenzio_V-Fiume	338	Max WS	TR200_09h	401.25	156.05	161.12		161.58	0.002971	3.04	140.30	50.18	0.51
Bisenzio	Bisenzio_V-Fiume	338	Max WS	TR200_12h	364.40	156.05	160.92		161.36	0.002971	2.94	130.66	49.48	0.51
Bisenzio	Bisenzio_V-Fiume	337.2		Lat Struct										
Bisenzio	Bisenzio_V-Fiume	337	Max WS	TR30_01h	51.25	156.16	158.11		158.23	0.002622	1.51	33.96	25.16	0.41
Bisenzio	Bisenzio_V-Fiume	337	Max WS	TR30_02h	126.46	156.16	158.91		159.19	0.003655	2.31	54.64	26.69	0.52
Bisenzio	Bisenzio_V-Fiume	337	Max WS	TR30_03h	174.46	156.16	159.28		159.65	0.004184	2.70	64.57	27.39	0.56
Bisenzio	Bisenzio_V-Fiume	337	Max WS	TR30_04h	198.46	156.16	159.43		159.85	0.004503	2.89	68.63	27.68	0.59
Bisenzio	Bisenzio_V-Fiume	337	Max WS	TR30_06h	213.02	156.16	159.52		159.98	0.004652	2.99	71.16	27.85	0.60
Bisenzio	Bisenzio_V-Fiume	337	Max WS	TR30_09h	206.32	156.16	159.48		159.92	0.004581	2.95	70.03	27.77	0.59
Bisenzio	Bisenzio_V-Fiume	337	Max WS	TR30_12h	194.36	156.16	159.40		159.82	0.004458	2.86	67.92	27.63	0.58
Bisenzio	Bisenzio_V-Fiume	337	Max WS	TR200_01h	181.56	156.16	159.31		159.71	0.004344	2.77	65.48	27.46	0.57
Bisenzio	Bisenzio_V-Fiume	337	Max WS	TR200_02h	345.45	156.16	160.27		160.98	0.005585	3.73	92.54	29.29	0.67
Bisenzio	Bisenzio_V-Fiume	337	Max WS	TR200_03h	418.76	156.16	160.63		161.47	0.005884	4.06	103.24	29.51	0.69
Bisenzio	Bisenzio_V-Fiume	337	Max WS	TR200_06h	425.88	156.16	160.65		161.51	0.005979	4.10	103.84	29.52	0.70
Bisenzio	Bisenzio_V-Fiume	337	Max WS	TR200_09h	401.36	156.16	160.54		161.35	0.005845	3.99	100.63	29.47	0.69
Bisenzio	Bisenzio_V-Fiume	337	Max WS	TR200_12h	364.54	156.16	160.37		161.11	0.005668	3.82	95.44	29.41	0.68
Bisenzio	Bisenzio_V-Fiume	336.7		Lat Struct										
Bisenzio	Bisenzio_V-Fiume	336.50	Max WS	TR30_01h	51.24	156.15	157.80		157.98	0.005600	1.83	27.98	28.57	0.59
Bisenzio	Bisenzio_V-Fiume	336.50	Max WS	TR30_02h	126.45	156.15	158.62		158.90	0.005079	2.34	54.07	35.33	0.60
Bisenzio	Bisenzio_V-Fiume	336.50	Max WS	TR30_03h	168.04	156.15	158.98		159.30	0.004739	2.51	66.96	37.25	0.60
Bisenzio	Bisenzio_V-Fiume	336.50	Max WS	TR30_04h	198.45	156.15	159.12		159.51	0.005277				

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio_V-Fiume	329	Max WS	TR200_06h	452.92	152.12	157.16		157.62	0.002820	3.00	151.30	37.53	0.47
Bisenzio	Bisenzio_V-Fiume	329	Max WS	TR200_09h	417.69	152.12	157.02		157.44	0.002679	2.86	146.10	36.88	0.46
Bisenzio	Bisenzio_V-Fiume	329	Max WS	TR200_12h	382.51	152.12	156.86		157.24	0.002555	2.73	140.24	36.60	0.44
Bisenzio	Bisenzio_V-Fiume	328.9			Lat Struct									
Bisenzio	Bisenzio_V-Fiume	328	Max WS	TR30_01h	51.19	153.19	154.66	154.09	154.73	0.002011	1.17	43.89	39.38	0.35
Bisenzio	Bisenzio_V-Fiume	328	Max WS	TR30_02h	127.16	153.19	155.32	154.56	155.49	0.002735	1.82	69.97	39.51	0.44
Bisenzio	Bisenzio_V-Fiume	328	Max WS	TR30_03h	178.62	153.19	155.68	154.82	155.91	0.003026	2.12	84.19	40.11	0.47
Bisenzio	Bisenzio_V-Fiume	328	Max WS	TR30_04h	203.16	153.19	155.82	154.94	156.08	0.003159	2.26	90.14	43.92	0.48
Bisenzio	Bisenzio_V-Fiume	328	Max WS	TR30_06h	221.29	153.19	155.92	155.02	156.20	0.003231	2.35	95.17	52.36	0.49
Bisenzio	Bisenzio_V-Fiume	328	Max WS	TR30_09h	217.33	153.19	155.90	155.00	156.18	0.003220	2.33	93.97	52.35	0.49
Bisenzio	Bisenzio_V-Fiume	328	Max WS	TR30_12h	205.26	153.19	155.83	154.95	156.09	0.003170	2.27	90.65	44.44	0.48
Bisenzio	Bisenzio_V-Fiume	328	Max WS	TR200_01h	182.48	153.19	155.70	154.84	155.94	0.003049	2.14	85.12	40.13	0.47
Bisenzio	Bisenzio_V-Fiume	328	Max WS	TR200_02h	349.96	153.19	156.57	155.56	156.98	0.003567	2.86	129.14	53.07	0.53
Bisenzio	Bisenzio_V-Fiume	328	Max WS	TR200_03h	433.63	153.19	156.92	155.89	157.41	0.003702	3.12	147.97	53.10	0.55
Bisenzio	Bisenzio_V-Fiume	328	Max WS	TR200_06h	458.98	153.19	157.03	156.01	157.53	0.003736	3.20	153.35	53.48	0.55
Bisenzio	Bisenzio_V-Fiume	328	Max WS	TR200_09h	424.86	153.19	156.89	155.85	157.37	0.003682	3.09	146.18	53.10	0.55
Bisenzio	Bisenzio_V-Fiume	328	Max WS	TR200_12h	387.24	153.19	156.74	155.70	157.18	0.003617	2.98	137.94	53.08	0.54
Bisenzio	Bisenzio_V-Fiume	326.5			Inl Struct									
Bisenzio	Bisenzio_V-Fiume	326	Max WS	TR30_01h	50.96	150.72	152.96		153.00	0.000587	0.81	63.19	39.24	0.20
Bisenzio	Bisenzio_V-Fiume	326	Max WS	TR30_02h	127.14	150.72	153.75		153.85	0.001011	1.34	94.61	40.21	0.28
Bisenzio	Bisenzio_V-Fiume	326	Max WS	TR30_03h	178.53	150.72	154.15		154.28	0.001263	1.61	110.84	42.26	0.32
Bisenzio	Bisenzio_V-Fiume	326	Max WS	TR30_04h	203.16	150.72	154.32		154.47	0.001367	1.72	118.23	43.35	0.33
Bisenzio	Bisenzio_V-Fiume	326	Max WS	TR30_06h	221.25	150.72	154.44		154.61	0.001419	1.79	123.48	43.62	0.34
Bisenzio	Bisenzio_V-Fiume	326	Max WS	TR30_09h	217.33	150.72	154.42		154.58	0.001406	1.78	122.41	43.58	0.34
Bisenzio	Bisenzio_V-Fiume	326	Max WS	TR30_12h	205.25	150.72	154.34		154.49	0.001372	1.73	118.94	43.45	0.33
Bisenzio	Bisenzio_V-Fiume	326	Max WS	TR200_01h	182.37	150.72	154.18		154.31	0.001282	1.63	111.96	42.43	0.32
Bisenzio	Bisenzio_V-Fiume	326	Max WS	TR200_02h	349.80	150.72	155.19		155.44	0.001703	2.24	156.39	44.78	0.38
Bisenzio	Bisenzio_V-Fiume	326	Max WS	TR200_03h	433.52	150.72	155.61		155.92	0.001825	2.47	175.73	47.29	0.40
Bisenzio	Bisenzio_V-Fiume	326	Max WS	TR200_06h	458.98	150.72	155.75		156.07	0.001837	2.53	182.17	49.35	0.40
Bisenzio	Bisenzio_V-Fiume	326	Max WS	TR200_09h	424.84	150.72	155.58		155.88	0.001804	2.44	174.10	46.75	0.40
Bisenzio	Bisenzio_V-Fiume	326	Max WS	TR200_12h	387.24	150.72	155.38		155.66	0.001761	2.34	165.28	45.09	0.39
Bisenzio	Bisenzio_V-Fiume	325.50	Max WS	TR30_01h	50.95	150.67	152.75		152.89	0.004231	1.64	31.01	30.03	0.52
Bisenzio	Bisenzio_V-Fiume	325.50	Max WS	TR30_02h	127.08	150.67	153.51		153.74	0.004189	2.15	61.10	45.04	0.55
Bisenzio	Bisenzio_V-Fiume	325.50	Max WS	TR30_03h	178.50	150.67	153.92		154.19	0.003803	2.35	81.77	60.24	0.54
Bisenzio	Bisenzio_V-Fiume	325.50	Max WS	TR30_04h	203.15	150.67	154.10		154.38	0.003572	2.41	92.64	62.54	0.53
Bisenzio	Bisenzio_V-Fiume	325.50	Max WS	TR30_06h	221.24	150.67	154.22		154.52	0.003412	2.45	100.57	63.22	0.53
Bisenzio	Bisenzio_V-Fiume	325.50	Max WS	TR30_09h	217.36	150.67	154.20		154.49	0.003435	2.44	98.99	63.12	0.53
Bisenzio	Bisenzio_V-Fiume	325.50	Max WS	TR30_12h	205.29	150.67	154.11		154.40	0.003538	2.41	93.73	62.68	0.53
Bisenzio	Bisenzio_V-Fiume	325.50	Max WS	TR200_01h	182.30	150.67	153.95		154.22	0.003770	2.36	83.41	60.67	0.54
Bisenzio	Bisenzio_V-Fiume	325.50	Max WS	TR200_02h	349.73	150.67	155.02		155.35	0.002718	2.68	151.91	65.80	0.49
Bisenzio	Bisenzio_V-Fiume	325.50	Max WS	TR200_03h	433.42	150.67	155.46		155.83	0.002500	2.82	181.82	67.95	0.49
Bisenzio	Bisenzio_V-Fiume	325.50	Max WS	TR200_06h	459.01	150.67	155.61		155.98	0.002414	2.85	191.50	68.35	0.48
Bisenzio	Bisenzio_V-Fiume	325.50	Max WS	TR200_09h	424.92	150.67	155.43		155.79	0.002493	2.80	179.52	67.86	0.48
Bisenzio	Bisenzio_V-Fiume	325.50	Max WS	TR200_12h	387.33	150.67	155.23		155.58	0.002592	2.74	165.94	66.89	0.49
Bisenzio	Bisenzio_V-Fiume	325	Max WS	TR30_01h	50.92	150.62	152.53		152.65	0.004977	1.54	33.12	41.37	0.54
Bisenzio	Bisenzio_V-Fiume	325	Max WS	TR30_02h	127.06	150.62	153.37		153.52	0.002752	1.75	78.93	65.08	0.45
Bisenzio	Bisenzio_V-Fiume	325	Max WS	TR30_03h	178.49	150.62	153.81		153.97	0.002251	1.85	107.53	65.41	0.42
Bisenzio	Bisenzio_V-Fiume	325	Max WS	TR30_04h	203.15	150.62	154.00		154.17	0.002105	1.90	120.27	66.38	0.41
Bisenzio	Bisenzio_V-Fiume	325	Max WS	TR30_06h	221.23	150.62	154.14		154.31	0.002012	1.93	129.38	66.47	0.40
Bisenzio	Bisenzio_V-Fiume	325	Max WS	TR30_09h	217.39	150.62	154.11		154.28	0.002024	1.92	127.60	66.45	0.40
Bisenzio	Bisenzio_V-Fiume	325	Max WS	TR30_12h	205.33	150.62	154.02		154.19	0.002084	1.90	121.57	66.39	0.41
Bisenzio	Bisenzio_V-Fiume	325	Max WS	TR200_01h	182.27	150.62	153.84		154.00	0.002227	1.86	109.48	65.43	0.42
Bisenzio	Bisenzio_V-Fiume	325	Max WS	TR200_02h	349.74	150.62	154.97		155.18	0.001707	2.15	185.14	67.23	0.39
Bisenzio	Bisenzio_V-Fiume	325	Max WS	TR200_03h	433.33	150.62	155.43		155.67	0.001634	2.29	216.05	67.60	0.39
Bisenzio	Bisenzio_V-Fiume	325	Max WS	TR200_06h	458.56	150.62	155.57		155.82	0.001598	2.32	225.78	67.72	0.38
Bisenzio	Bisenzio_V-Fiume	325	Max WS	TR200_09h	425.00	150.62	155.40		155.63	0.001625	2.27	213.72	67.57	0.39
Bisenzio	Bisenzio_V-Fiume	325	Max WS	TR200_12h	387.42	150.62	155.19		155.41	0.001660	2.21	199.79	67.41	0.39
Bisenzio	Bisenzio_V-Fiume	324	Max WS	TR30_01h	50.89	150.05	151.84		152.03	0.004505	1.91	26.61	21.33	0.55
Bisenzio	Bisenzio_V-Fiume	324	Max WS	TR30_02h	127.02	150.05	152.75		153.04	0.004945	2.37	53.66	32.89	0.59
Bisenzio	Bisenzio_V-Fiume	324	Max WS	TR30_03h	178.47	150.05	153.19		153.54	0.004613	2.62	68.12	33.51	0.59
Bisenzio	Bisenzio_V-Fiume	324	Max WS	TR30_04h	203.15	150.05	153.38		153.75	0.004531	2.73	74.44	33.78	0.59
Bisenzio	Bisenzio_V-Fiume	324	Max WS	TR30_06h	221.24	150.05	153.51		153.91	0.004483	2.80	78.91	33.96	0.59
Bisenzio	Bisenzio_V-Fiume	324	Max WS	TR30_09h	217.43	150.05	153.48		153.88	0.004470	2.78	78.11	33.93	0.59
Bisenzio	Bisenzio_V-Fiume	324	Max WS	TR30_12h	205.39	150.05	153.40		153.78	0.004490	2.73	75.18	33.81	0.58
Bisenzio	Bisenzio_V-Fiume	324	Max WS	TR200_01h	182.21	150.05	153.22		153.57	0.004602	2.64	69.08	33.55	0.59
Bisenzio	Bisenzio_V-Fiume	324	Max WS	TR200_02h	349.72	150.05	154.26		154.83	0.004664	3.32	105.25	35.34	0.61
Bisenzio	Bisenzio_V-Fiume	324	Max WS	TR200_03h	433.07	150.05	154.71		155.36	0.004693	3.58	121.12	36.14	0.62
Bisenzio	Bisenzio_V-Fiume	324	Max WS	TR200_06h	458.46	150.05	154.85		155.52	0.004638	3.63	126.26	36.34	0.62
Bisenzio	Bisenzio_V-Fiume	324	Max WS	TR200_09h	425.11	150.05	154.67		155.31	0.004675	3.55	119.80	36.09	0.62
Bisenzio	Bisenzio_V-Fiume	324	Max WS	TR200_12h	387.54	150.05	154.47		155.07	0.004680	3.45	112.45	35.63	0.62
Bisenzio	Bisenzio_V-Fiume	323.50	Max WS	TR30_01h	50.88	149.42	151.33		151.57	0.007408	2.16	23.59	22.58	0.67
Bisenzio	Bisenzio_V-Fiume	323.50	Max WS	TR30_02h	127.02	149.42	152.22		152.63	0.006723	2.84	44.80	25.92	0.69
Bisenzio	Bisenzio_V-Fiume	323.50	Max WS	TR30_03h	178.46	149.42	152.65		153.16	0.006680	3.15	56.57	27.49	0.70
Bisenzio	Bisenzio_V-Fiume	323.50	Max WS	TR30_04h	203.16	149.42	152.84		153.39	0.006645	3.29	61.79	27.99	0.71
Bisenzio	Bisenzio_V-Fiume	323.50	Max WS	TR30_06h	221.33	149.42	152.97		153.56	0.006630	3.38	65.48	28.31	0.71
Bisenzio	Bisenzio_V-Fiume	323.50	Max WS	TR30_09h	217.84	149.42	152.95		153.53	0.006619	3.36	64.82	28.25	0.71
Bisenzio	Bisenzio_V-Fiume	323.50	Max WS	TR30_12h	205.85	149.42	152.86		153.42	0.006624	3.30	62.40	28.04	0.71
Bisenzio	Bisenzio_V-Fiume	323.50	Max WS	TR200_01h	182.19	149.42	152.68		153.20	0.006677	3.18	57.37	27.57	0.70
Bisenzio	Bisenzio_V-Fiume	323.50	Max WS	TR200_02h	349.71	149.42	153.77		154.56	0.006502	3.94	89.87	35.10	0.73
Bisenzio	Bisenzio_V-Fiume	323.50	Max WS	TR200_03h	432.88	149.42	154.23		155.12	0.006239	4.20	106.72	38.45	0.72
Bisenzio	Bisenzio_V-Fiume	323.50	Max WS	TR200_06h	459.20	149.42	154.37		1					

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio_V-Fiume	323	Max WS	TR200_03h	432.58	148.79	153.72		154.51	0.004918	4.05	122.98	61.76	0.67
Bisenzio	Bisenzio_V-Fiume	323	Max WS	TR200_06h	459.46	148.79	153.86	153.22	154.67	0.004822	4.11	132.32	72.41	0.67
Bisenzio	Bisenzio_V-Fiume	323	Max WS	TR200_09h	426.36	148.79	153.69		154.47	0.004922	4.03	121.16	58.13	0.67
Bisenzio	Bisenzio_V-Fiume	323	Max WS	TR200_12h	388.84	148.79	153.48		154.23	0.005067	3.93	110.86	46.13	0.67
Bisenzio	Bisenzio_V-Fiume	322	Max WS	TR30_01h	50.86	148.67	150.55		150.67	0.002418	1.53	33.31	23.32	0.41
Bisenzio	Bisenzio_V-Fiume	322	Max WS	TR30_02h	126.98	148.67	151.36		151.62	0.003860	2.27	55.92	30.61	0.54
Bisenzio	Bisenzio_V-Fiume	322	Max WS	TR30_03h	178.44	148.67	151.77		152.12	0.004051	2.60	68.62	31.46	0.56
Bisenzio	Bisenzio_V-Fiume	322	Max WS	TR30_04h	203.18	148.67	151.95		152.33	0.004129	2.74	74.22	31.83	0.57
Bisenzio	Bisenzio_V-Fiume	322	Max WS	TR30_06h	221.41	148.67	152.07		152.48	0.004198	2.84	78.09	32.08	0.58
Bisenzio	Bisenzio_V-Fiume	322	Max WS	TR30_09h	218.16	148.67	152.05		152.45	0.004179	2.82	77.45	32.04	0.58
Bisenzio	Bisenzio_V-Fiume	322	Max WS	TR30_12h	206.20	148.67	151.97		152.36	0.004131	2.75	74.93	31.88	0.57
Bisenzio	Bisenzio_V-Fiume	322	Max WS	TR200_01h	182.12	148.67	151.80		152.15	0.004066	2.62	69.45	31.52	0.56
Bisenzio	Bisenzio_V-Fiume	322	Max WS	TR200_02h	349.64	148.67	152.84		153.42	0.004484	3.38	103.36	33.69	0.62
Bisenzio	Bisenzio_V-Fiume	322	Max WS	TR200_03h	432.51	148.67	153.28		153.96	0.004479	3.64	120.46	40.38	0.63
Bisenzio	Bisenzio_V-Fiume	322	Max WS	TR200_06h	459.78	148.67	153.42		154.12	0.004449	3.71	126.19	40.59	0.63
Bisenzio	Bisenzio_V-Fiume	322	Max WS	TR200_09h	426.73	148.67	153.26		153.92	0.004456	3.62	119.51	40.34	0.62
Bisenzio	Bisenzio_V-Fiume	322	Max WS	TR200_12h	389.22	148.67	153.07		153.69	0.004435	3.50	111.92	40.06	0.62
Bisenzio	Bisenzio_V-Fiume	321.9			Lat Struct									
Bisenzio	Bisenzio_V-Fiume	321	Max WS	TR30_01h	50.84	148.42	150.18		150.33	0.005120	1.72	29.57	30.67	0.56
Bisenzio	Bisenzio_V-Fiume	321	Max WS	TR30_02h	126.96	148.42	150.97		151.23	0.004825	2.27	55.84	35.90	0.58
Bisenzio	Bisenzio_V-Fiume	321	Max WS	TR30_03h	178.43	148.42	151.39		151.71	0.004661	2.50	71.48	38.68	0.59
Bisenzio	Bisenzio_V-Fiume	321	Max WS	TR30_04h	203.19	148.42	151.57		151.91	0.004583	2.58	78.68	39.85	0.59
Bisenzio	Bisenzio_V-Fiume	321	Max WS	TR30_06h	221.45	148.42	151.70		152.06	0.004484	2.64	83.76	40.19	0.58
Bisenzio	Bisenzio_V-Fiume	321	Max WS	TR30_09h	218.32	148.42	151.68		152.03	0.004493	2.63	82.94	40.14	0.58
Bisenzio	Bisenzio_V-Fiume	321	Max WS	TR30_12h	206.38	148.42	151.60		151.94	0.004556	2.59	79.63	39.91	0.59
Bisenzio	Bisenzio_V-Fiume	321	Max WS	TR200_01h	182.08	148.42	151.42		151.74	0.004651	2.51	72.55	38.86	0.59
Bisenzio	Bisenzio_V-Fiume	321	Max WS	TR200_02h	349.61	148.42	152.50		152.95	0.004014	3.00	116.67	41.89	0.57
Bisenzio	Bisenzio_V-Fiume	321	Max WS	TR200_03h	432.02	148.42	152.95		153.46	0.003826	3.19	135.47	42.01	0.57
Bisenzio	Bisenzio_V-Fiume	321	Max WS	TR200_06h	460.13	148.42	153.09		153.63	0.003756	3.25	141.77	42.35	0.56
Bisenzio	Bisenzio_V-Fiume	321	Max WS	TR200_09h	426.68	148.42	152.92		153.44	0.003817	3.17	134.51	42.00	0.57
Bisenzio	Bisenzio_V-Fiume	321	Max WS	TR200_12h	389.50	148.42	152.72		153.21	0.003887	3.09	126.21	41.95	0.57
Bisenzio	Bisenzio_V-Fiume	320.8	Max WS	TR30_01h	50.83	147.06	149.88		149.93	0.000978	1.07	47.71	27.91	0.26
Bisenzio	Bisenzio_V-Fiume	320.8	Max WS	TR30_02h	126.95	147.06	150.63		150.79	0.001963	1.78	71.53	33.16	0.38
Bisenzio	Bisenzio_V-Fiume	320.8	Max WS	TR30_03h	178.43	147.06	151.04		151.26	0.002255	2.10	85.39	34.69	0.42
Bisenzio	Bisenzio_V-Fiume	320.8	Max WS	TR30_04h	203.20	147.06	151.22		151.47	0.002354	2.23	91.65	35.19	0.43
Bisenzio	Bisenzio_V-Fiume	320.8	Max WS	TR30_06h	221.50	147.06	151.34		151.62	0.002416	2.32	96.16	35.55	0.44
Bisenzio	Bisenzio_V-Fiume	320.8	Max WS	TR30_09h	218.48	147.06	151.32		151.59	0.002405	2.30	95.43	35.49	0.44
Bisenzio	Bisenzio_V-Fiume	320.8	Max WS	TR30_12h	206.55	147.06	151.24		151.50	0.002365	2.25	92.50	35.26	0.44
Bisenzio	Bisenzio_V-Fiume	320.8	Max WS	TR200_01h	182.06	147.06	151.06		151.29	0.002271	2.12	86.32	34.76	0.42
Bisenzio	Bisenzio_V-Fiume	320.8	Max WS	TR200_02h	349.60	147.06	152.14		152.54	0.002711	2.83	125.25	37.60	0.49
Bisenzio	Bisenzio_V-Fiume	320.8	Max WS	TR200_03h	431.55	147.06	152.58		153.07	0.002835	3.08	142.34	38.69	0.50
Bisenzio	Bisenzio_V-Fiume	320.8	Max WS	TR200_06h	460.48	147.06	152.73		153.24	0.002857	3.16	148.06	38.79	0.51
Bisenzio	Bisenzio_V-Fiume	320.8	Max WS	TR200_09h	426.80	147.06	152.56		153.04	0.002829	3.07	141.44	38.67	0.50
Bisenzio	Bisenzio_V-Fiume	320.8	Max WS	TR200_12h	389.72	147.06	152.36		152.81	0.002802	2.95	133.82	38.55	0.50
Bisenzio	Bisenzio_V-Fiume	320	Max WS	TR30_01h	50.82	146.50	149.89	147.56	149.91	0.000178	0.58	87.60	35.20	0.12
Bisenzio	Bisenzio_V-Fiume	320	Max WS	TR30_02h	126.94	146.50	150.66	148.30	150.73	0.000473	1.10	114.92	35.35	0.20
Bisenzio	Bisenzio_V-Fiume	320	Max WS	TR30_03h	178.43	146.50	151.08	148.77	151.18	0.000662	1.37	130.08	36.65	0.23
Bisenzio	Bisenzio_V-Fiume	320	Max WS	TR30_04h	203.20	146.50	151.27	148.90	151.38	0.000734	1.49	136.82	36.69	0.25
Bisenzio	Bisenzio_V-Fiume	320	Max WS	TR30_06h	221.51	146.50	151.40	148.99	151.52	0.000784	1.56	141.60	36.72	0.25
Bisenzio	Bisenzio_V-Fiume	320	Max WS	TR30_09h	218.52	146.50	151.37	148.97	151.50	0.000776	1.55	140.83	36.71	0.25
Bisenzio	Bisenzio_V-Fiume	320	Max WS	TR30_12h	206.59	146.50	151.29	148.92	151.40	0.000743	1.50	137.72	36.69	0.25
Bisenzio	Bisenzio_V-Fiume	320	Max WS	TR200_01h	182.06	146.50	151.11	148.79	151.21	0.000673	1.39	131.09	36.66	0.23
Bisenzio	Bisenzio_V-Fiume	320	Max WS	TR200_02h	349.60	146.50	152.21	149.56	152.42	0.001104	2.03	172.02	37.80	0.30
Bisenzio	Bisenzio_V-Fiume	320	Max WS	TR200_03h	431.54	146.50	152.66	149.89	152.92	0.001249	2.28	189.39	39.74	0.33
Bisenzio	Bisenzio_V-Fiume	320	Max WS	TR200_06h	460.55	146.50	152.81	149.99	153.09	0.001293	2.36	195.38	40.74	0.33
Bisenzio	Bisenzio_V-Fiume	320	Max WS	TR200_09h	426.92	146.50	152.63	149.86	152.90	0.001241	2.27	188.42	39.59	0.33
Bisenzio	Bisenzio_V-Fiume	320	Max WS	TR200_12h	389.81	146.50	152.43	149.72	152.67	0.001179	2.16	180.64	38.38	0.32
Bisenzio	Bisenzio_V-Fiume	318.5			Int Struct									
Bisenzio	Bisenzio_V-Fiume	318	Max WS	TR30_01h	50.82	146.47	148.21		148.26	0.000820	0.91	55.63	37.19	0.24
Bisenzio	Bisenzio_V-Fiume	318	Max WS	TR30_02h	126.94	146.47	148.96		149.07	0.001417	1.52	83.39	37.70	0.33
Bisenzio	Bisenzio_V-Fiume	318	Max WS	TR30_03h	178.43	146.47	149.34		149.51	0.001682	1.82	97.91	37.76	0.36
Bisenzio	Bisenzio_V-Fiume	318	Max WS	TR30_04h	203.20	146.47	149.50		149.70	0.001797	1.95	104.10	37.78	0.38
Bisenzio	Bisenzio_V-Fiume	318	Max WS	TR30_06h	221.51	146.47	149.62		149.83	0.001880	2.04	108.39	37.80	0.39
Bisenzio	Bisenzio_V-Fiume	318	Max WS	TR30_09h	218.52	146.47	149.60		149.81	0.001866	2.03	107.72	37.80	0.38
Bisenzio	Bisenzio_V-Fiume	318	Max WS	TR30_12h	206.59	146.47	149.53		149.72	0.001811	1.97	104.93	37.79	0.38
Bisenzio	Bisenzio_V-Fiume	318	Max WS	TR200_01h	182.06	146.47	149.36		149.54	0.001699	1.84	98.84	37.76	0.36
Bisenzio	Bisenzio_V-Fiume	318	Max WS	TR200_02h	349.59	146.47	150.36		150.69	0.002311	2.56	136.67	38.57	0.43
Bisenzio	Bisenzio_V-Fiume	318	Max WS	TR200_03h	431.54	146.47	150.76		151.17	0.002520	2.84	152.18	38.99	0.46
Bisenzio	Bisenzio_V-Fiume	318	Max WS	TR200_06h	460.55	146.47	150.89		151.32	0.002586	2.93	157.41	41.66	0.46
Bisenzio	Bisenzio_V-Fiume	318	Max WS	TR200_09h	426.92	146.47	150.74		151.14	0.002504	2.82	151.47	38.63	0.45
Bisenzio	Bisenzio_V-Fiume	318	Max WS	TR200_12h	389.80	146.47	150.56		150.93	0.002404	2.69	144.74	38.60	0.44
Bisenzio	Bisenzio_V-Fiume	317.9			Lat Struct									
Bisenzio	Bisenzio_V-Fiume	317	Max WS	TR30_01h	50.82	146.66	148.16	147.43	148.22	0.001335	1.06	48.15	36.74	0.29
Bisenzio	Bisenzio_V-Fiume	317	Max WS	TR30_02h	126.94	146.66	148.86	147.92	149.01	0.002164	1.71	74.17	38.50	0.39
Bisenzio	Bisenzio_V-Fiume	317	Max WS	TR30_03h	178.43	146.66	149.24	148.19	149.44	0.002554	2.00	89.09	41.48	0.44
Bisenzio	Bisenzio_V-Fiume	317	Max WS	TR30_04h	203.21	146.66	149.40	148.31	149.63	0.002696	2.12	95.89	42.77	0.45
Bisenzio	Bisenzio_V-Fiume	317	Max WS	TR30_06h	221.52	146.66	149.51	148.40	149.76	0.002790	2.20	100.77	43.67	0.46
Bisenzio	Bisenzio_V-Fiume	317	Max WS	TR30_09h	218.56	146.66	149.49	148.38	149.74	0.002775	2.19	99.99	43.53	0.46
Bisenzio	Bisenzio_V-Fiume	317	Max WS	TR30_12h	206.64	146.66	149.42	148.32	149.65	0.002714	2.13	96.82	42.94	0.45
Bisenzio	Bisenzio_V-Fiume	317	Max WS	TR200_01h	182.05	146.66	149.26	148.21	149.47	0.002577	2.02	90.09	41.67	0.44
Bisenzio	Bisenzio_V-Fiume	317	Max WS	TR200_02h	349.59	146.66	150.26	148.99	150.60	0.002906	2.58	135.25		

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio_V-Fiume	315	Max WS	TR30_06h	221.52	146.04	148.67		148.91	0.002472	2.15	102.80	43.43	0.45
Bisenzio	Bisenzio_V-Fiume	315	Max WS	TR30_09h	218.56	146.04	148.64		148.88	0.002518	2.16	101.30	43.34	0.45
Bisenzio	Bisenzio_V-Fiume	315	Max WS	TR30_12h	206.64	146.04	148.54		148.78	0.002556	2.12	97.25	43.09	0.45
Bisenzio	Bisenzio_V-Fiume	315	Max WS	TR200_01h	182.03	146.04	148.36		148.57	0.002573	2.04	89.45	42.60	0.45
Bisenzio	Bisenzio_V-Fiume	315	Max WS	TR200_02h	349.59	146.04	150.12		150.34	0.001362	2.07	168.56	47.47	0.35
Bisenzio	Bisenzio_V-Fiume	315	Max WS	TR200_03h	431.53	146.04	150.57		150.84	0.001446	2.27	190.31	48.86	0.37
Bisenzio	Bisenzio_V-Fiume	315	Max WS	TR200_06h	460.65	146.04	150.72		151.00	0.001477	2.33	197.50	49.31	0.37
Bisenzio	Bisenzio_V-Fiume	315	Max WS	TR200_09h	427.02	146.04	150.56		150.82	0.001435	2.25	189.48	48.81	0.37
Bisenzio	Bisenzio_V-Fiume	315	Max WS	TR200_12h	389.90	146.04	150.37		150.61	0.001385	2.16	180.34	48.23	0.36
Bisenzio	Bisenzio_V-Fiume	314.9		Lat Struct										
Bisenzio	Bisenzio_V-Fiume	314	Max WS	TR30_01h	50.82	145.27	146.86		147.05	0.008486	1.93	26.33	33.99	0.70
Bisenzio	Bisenzio_V-Fiume	314	Max WS	TR30_02h	126.93	145.27	147.67		147.93	0.005067	2.27	55.79	37.86	0.60
Bisenzio	Bisenzio_V-Fiume	314	Max WS	TR30_03h	178.43	145.27	148.08		148.40	0.004583	2.49	71.64	39.15	0.59
Bisenzio	Bisenzio_V-Fiume	314	Max WS	TR30_04h	203.21	145.27	148.26		148.60	0.004433	2.58	78.75	39.71	0.59
Bisenzio	Bisenzio_V-Fiume	314	Max WS	TR30_06h	221.53	145.27	148.42		148.77	0.004114	2.60	85.32	40.23	0.57
Bisenzio	Bisenzio_V-Fiume	314	Max WS	TR30_09h	218.61	145.27	148.39		148.73	0.004229	2.61	83.84	40.11	0.58
Bisenzio	Bisenzio_V-Fiume	314	Max WS	TR30_12h	206.69	145.27	148.29		148.63	0.004372	2.58	79.98	39.81	0.58
Bisenzio	Bisenzio_V-Fiume	314	Max WS	TR200_01h	182.03	145.27	148.10		148.42	0.004568	2.51	72.64	39.23	0.59
Bisenzio	Bisenzio_V-Fiume	314	Max WS	TR200_02h	349.59	145.27	149.99		150.26	0.001771	2.30	152.26	45.13	0.40
Bisenzio	Bisenzio_V-Fiume	314	Max WS	TR200_03h	431.51	145.27	150.44		150.76	0.001854	2.50	172.78	46.53	0.41
Bisenzio	Bisenzio_V-Fiume	314	Max WS	TR200_06h	460.74	145.27	150.59		150.90	0.001788	2.50	195.66	63.03	0.41
Bisenzio	Bisenzio_V-Fiume	314	Max WS	TR200_09h	427.12	145.27	150.42		150.74	0.001841	2.48	172.02	46.48	0.41
Bisenzio	Bisenzio_V-Fiume	314	Max WS	TR200_12h	390.00	145.27	150.24		150.53	0.001787	2.39	163.41	45.90	0.40
Bisenzio	Bisenzio_V-Fiume	313	Max WS	TR30_01h	50.81	144.65	146.63	146.21	146.80	0.005127	1.82	27.89	27.23	0.57
Bisenzio	Bisenzio_V-Fiume	313	Max WS	TR30_02h	126.93	144.65	147.44	146.92	147.76	0.004983	2.50	50.84	29.12	0.60
Bisenzio	Bisenzio_V-Fiume	313	Max WS	TR30_03h	178.42	144.65	147.80	147.24	148.23	0.005491	2.92	61.15	29.18	0.64
Bisenzio	Bisenzio_V-Fiume	313	Max WS	TR30_04h	203.21	144.65	147.96	147.39	148.44	0.005685	3.09	65.70	29.21	0.65
Bisenzio	Bisenzio_V-Fiume	313	Max WS	TR30_06h	221.54	144.65	148.11	147.49	148.62	0.005485	3.15	70.22	29.23	0.64
Bisenzio	Bisenzio_V-Fiume	313	Max WS	TR30_09h	218.66	144.65	148.07	147.48	148.58	0.005614	3.16	69.12	29.23	0.65
Bisenzio	Bisenzio_V-Fiume	313	Max WS	TR30_12h	206.74	144.65	147.98	147.41	148.48	0.005656	3.11	66.53	29.21	0.65
Bisenzio	Bisenzio_V-Fiume	313	Max WS	TR200_01h	182.02	144.65	147.82	147.27	148.26	0.005532	2.95	61.78	29.18	0.64
Bisenzio	Bisenzio_V-Fiume	313	Max WS	TR200_02h	349.58	144.65	149.80	148.14	150.21	0.002500	2.84	137.00	62.12	0.45
Bisenzio	Bisenzio_V-Fiume	313	Max WS	TR200_03h	431.51	144.65	150.25	148.52	150.70	0.002512	3.06	165.31	64.34	0.46
Bisenzio	Bisenzio_V-Fiume	313	Max WS	TR200_06h	460.81	144.65	150.39	148.64	150.86	0.002539	3.13	174.10	64.95	0.46
Bisenzio	Bisenzio_V-Fiume	313	Max WS	TR200_09h	427.23	144.65	150.23	148.50	150.68	0.002498	3.04	164.27	64.27	0.46
Bisenzio	Bisenzio_V-Fiume	313	Max WS	TR200_12h	390.11	144.65	150.05	148.33	150.47	0.002467	2.94	152.46	63.45	0.45
Bisenzio	Bisenzio_V-Fiume	312		Bridge										
Bisenzio	Bisenzio_V-Fiume	311	Max WS	TR30_01h	50.81	144.68	146.52		146.70	0.005557	1.89	26.86	26.21	0.59
Bisenzio	Bisenzio_V-Fiume	311	Max WS	TR30_02h	126.93	144.68	147.28		147.64	0.005880	2.63	48.21	29.01	0.65
Bisenzio	Bisenzio_V-Fiume	311	Max WS	TR30_03h	178.42	144.68	147.68		148.14	0.005971	3.00	59.50	29.11	0.66
Bisenzio	Bisenzio_V-Fiume	311	Max WS	TR30_04h	203.21	144.68	147.85		148.36	0.006069	3.16	64.30	29.16	0.67
Bisenzio	Bisenzio_V-Fiume	311	Max WS	TR30_06h	221.54	144.68	147.97		148.51	0.006105	3.27	67.81	29.19	0.68
Bisenzio	Bisenzio_V-Fiume	311	Max WS	TR30_09h	218.65	144.68	147.95		148.49	0.006067	3.25	67.38	29.18	0.68
Bisenzio	Bisenzio_V-Fiume	311	Max WS	TR30_12h	206.74	144.68	147.87		148.39	0.006033	3.17	65.13	29.16	0.67
Bisenzio	Bisenzio_V-Fiume	311	Max WS	TR200_01h	182.01	144.68	147.70		148.17	0.005992	3.02	60.19	29.12	0.67
Bisenzio	Bisenzio_V-Fiume	311	Max WS	TR200_02h	349.55	144.68	148.82		149.55	0.005813	3.78	92.44	29.41	0.68
Bisenzio	Bisenzio_V-Fiume	311	Max WS	TR200_03h	431.44	144.68	149.40		150.14	0.005057	3.86	121.80	54.42	0.64
Bisenzio	Bisenzio_V-Fiume	311	Max WS	TR200_06h	460.82	144.68	149.58		150.33	0.004805	3.88	132.20	57.17	0.63
Bisenzio	Bisenzio_V-Fiume	311	Max WS	TR200_09h	427.23	144.68	149.39		150.12	0.004987	3.83	121.48	54.34	0.64
Bisenzio	Bisenzio_V-Fiume	311	Max WS	TR200_12h	390.10	144.68	149.16		149.88	0.005222	3.77	109.31	51.46	0.65
Bisenzio	Bisenzio_V-Fiume	310.9		Lat Struct										
Bisenzio	Bisenzio_V-Fiume	309	Max WS	TR30_01h	50.81	145.06	146.27	146.25	146.67	0.016159	2.78	18.27	21.61	0.97
Bisenzio	Bisenzio_V-Fiume	309	Max WS	TR30_02h	126.92	145.06	147.08		147.66	0.011853	3.39	37.49	27.27	0.90
Bisenzio	Bisenzio_V-Fiume	309	Max WS	TR30_03h	178.42	145.06	147.50	147.37	148.17	0.010054	3.65	51.65	41.98	0.86
Bisenzio	Bisenzio_V-Fiume	309	Max WS	TR30_04h	203.21	145.06	147.68	147.58	148.37	0.009398	3.73	59.82	47.80	0.84
Bisenzio	Bisenzio_V-Fiume	309	Max WS	TR30_06h	221.54	145.06	147.81	147.71	148.51	0.008874	3.76	66.40	51.26	0.82
Bisenzio	Bisenzio_V-Fiume	309	Max WS	TR30_09h	218.68	145.06	147.79	147.69	148.49	0.008873	3.75	65.62	50.86	0.82
Bisenzio	Bisenzio_V-Fiume	309	Max WS	TR30_12h	206.77	145.06	147.71	147.61	148.40	0.009183	3.72	61.40	48.66	0.83
Bisenzio	Bisenzio_V-Fiume	309	Max WS	TR200_01h	182.00	145.06	147.52	147.39	148.20	0.009979	3.66	52.74	43.10	0.86
Bisenzio	Bisenzio_V-Fiume	309	Max WS	TR200_02h	349.50	145.06	148.68		149.32	0.005917	3.75	113.15	54.29	0.71
Bisenzio	Bisenzio_V-Fiume	309	Max WS	TR200_03h	431.48	145.06	149.28		149.85	0.004498	3.63	145.61	55.17	0.63
Bisenzio	Bisenzio_V-Fiume	309	Max WS	TR200_06h	460.97	145.06	149.49		150.05	0.004105	3.59	157.58	55.49	0.61
Bisenzio	Bisenzio_V-Fiume	309	Max WS	TR200_09h	427.41	145.06	149.27		149.84	0.004418	3.60	145.56	55.17	0.62
Bisenzio	Bisenzio_V-Fiume	309	Max WS	TR200_12h	390.20	145.06	149.01		149.60	0.004943	3.64	131.00	54.77	0.65
Bisenzio	Bisenzio_V-Fiume	308	Max WS	TR30_01h	50.80	142.95	145.71		145.85	0.002344	1.70	29.95	15.69	0.39
Bisenzio	Bisenzio_V-Fiume	308	Max WS	TR30_02h	126.92	142.95	146.63		147.01	0.004378	2.73	47.41	23.39	0.56
Bisenzio	Bisenzio_V-Fiume	308	Max WS	TR30_03h	178.46	142.95	147.11		147.61	0.004795	3.16	59.65	28.45	0.60
Bisenzio	Bisenzio_V-Fiume	308	Max WS	TR30_04h	203.34	142.95	147.31		147.86	0.004889	3.32	65.52	28.51	0.61
Bisenzio	Bisenzio_V-Fiume	308	Max WS	TR30_06h	221.97	142.95	147.46		148.04	0.004936	3.43	69.77	28.56	0.62
Bisenzio	Bisenzio_V-Fiume	308	Max WS	TR30_09h	219.53	142.95	147.45		148.02	0.004910	3.41	69.33	28.55	0.61
Bisenzio	Bisenzio_V-Fiume	308	Max WS	TR30_12h	207.60	142.95	147.35		147.91	0.004876	3.34	66.63	28.53	0.61
Bisenzio	Bisenzio_V-Fiume	308	Max WS	TR200_01h	181.99	142.95	147.14		147.64	0.004814	3.19	60.48	28.46	0.60
Bisenzio	Bisenzio_V-Fiume	308	Max WS	TR200_02h	349.57	142.95	148.36		149.15	0.005205	4.06	96.61	31.11	0.65
Bisenzio	Bisenzio_V-Fiume	308	Max WS	TR200_03h	431.78	142.95	148.86		149.76	0.005307	4.37	112.08	31.28	0.66
Bisenzio	Bisenzio_V-Fiume	308	Max WS	TR200_06h	462.94	142.95	149.04		149.98	0.005319	4.47	117.84	31.47	0.66
Bisenzio	Bisenzio_V-Fiume	308	Max WS	TR200_09h	429.31	142.95	148.85		149.74	0.005263	4.35	111.95	31.28	0.65
Bisenzio	Bisenzio_V-Fiume	308	Max WS	TR200_12h	391.99	142.95	148.63		149.48	0.005204	4.21	105.16	31.19	0.65
Bisenzio	Bisenzio_V-Fiume	307.8		Lat Struct										
Bisenzio	Bisenzio_V-Fiume	307	Max WS	TR30_01h	50.78	143.58	145.39		145.59	0.005418	1.95	26.01	23.10	0.59
Bisenzio	Bisenzio_V-Fiume	307	Max WS	TR30_02h	126.89	143.58	146.32		146.66	0.004979	2.58	49.15	26.45	0.60
Bisenzio	Bisenzio_V-Fiume	307	Max WS	TR30_03h	178.44	143.58	146.80		147.22	0.004818	2.87	62.12	27.47	0.61
Bisenzio	Bisenzio_V-Fiume	307	Max WS	TR30_04h	203.35	143.58	147.01		147.47	0.004766				

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio_V-Fiume	306	Max WS	TR30_01h	50.76	143.19	145.03		145.16	0.002947	1.62	31.24	22.90	0.44
Bisenzio	Bisenzio_V-Fiume	306	Max WS	TR30_02h	126.87	143.19	145.91		146.21	0.003828	2.45	51.83	24.11	0.53
Bisenzio	Bisenzio_V-Fiume	306	Max WS	TR30_03h	178.43	143.19	146.37		146.78	0.004132	2.82	63.25	24.76	0.56
Bisenzio	Bisenzio_V-Fiume	306	Max WS	TR30_04h	203.36	143.19	146.58		147.03	0.004256	2.98	68.32	25.04	0.58
Bisenzio	Bisenzio_V-Fiume	306	Max WS	TR30_06h	222.06	143.19	146.72		147.21	0.004336	3.08	71.99	25.25	0.58
Bisenzio	Bisenzio_V-Fiume	306	Max WS	TR30_09h	219.90	143.19	146.71		147.19	0.004310	3.07	71.67	25.23	0.58
Bisenzio	Bisenzio_V-Fiume	306	Max WS	TR30_12h	207.99	143.19	146.62		147.08	0.004253	3.00	69.36	25.10	0.58
Bisenzio	Bisenzio_V-Fiume	306	Max WS	TR200_01h	181.90	143.19	146.40		146.81	0.004154	2.84	63.96	24.80	0.57
Bisenzio	Bisenzio_V-Fiume	306	Max WS	TR200_02h	349.52	143.19	147.57		148.28	0.004884	3.72	93.95	26.50	0.63
Bisenzio	Bisenzio_V-Fiume	306	Max WS	TR200_03h	431.79	143.19	148.04		148.88	0.005199	4.05	106.54	27.49	0.66
Bisenzio	Bisenzio_V-Fiume	306	Max WS	TR200_06h	463.74	143.19	148.21		149.10	0.005284	4.16	111.36	27.86	0.67
Bisenzio	Bisenzio_V-Fiume	306	Max WS	TR200_09h	430.11	143.19	148.04		148.87	0.005157	4.04	106.54	27.49	0.65
Bisenzio	Bisenzio_V-Fiume	306	Max WS	TR200_12h	392.82	143.19	147.84		148.61	0.005009	3.89	101.02	27.06	0.64
Bisenzio	Bisenzio_V-Fiume	305	Max WS	TR30_01h	50.73	143.18	144.67		144.86	0.005779	1.93	26.32	25.29	0.60
Bisenzio	Bisenzio_V-Fiume	305	Max WS	TR30_02h	126.85	143.18	145.60		145.90	0.004567	2.46	51.66	28.17	0.58
Bisenzio	Bisenzio_V-Fiume	305	Max WS	TR30_03h	178.40	143.18	146.07		146.45	0.004511	2.74	65.15	29.53	0.59
Bisenzio	Bisenzio_V-Fiume	305	Max WS	TR30_04h	203.37	143.18	146.27		146.69	0.004504	2.85	71.24	30.22	0.59
Bisenzio	Bisenzio_V-Fiume	305	Max WS	TR30_06h	222.10	143.18	146.42		146.86	0.004489	2.93	75.73	30.71	0.60
Bisenzio	Bisenzio_V-Fiume	305	Max WS	TR30_09h	220.07	143.18	146.41		146.84	0.004468	2.92	75.38	30.68	0.59
Bisenzio	Bisenzio_V-Fiume	305	Max WS	TR30_12h	208.16	143.18	146.31		146.73	0.004471	2.87	72.56	30.36	0.59
Bisenzio	Bisenzio_V-Fiume	305	Max WS	TR200_01h	181.87	143.18	146.09		146.48	0.004516	2.76	65.98	29.62	0.59
Bisenzio	Bisenzio_V-Fiume	305	Max WS	TR200_02h	349.43	143.18	147.26		147.85	0.004587	3.39	103.00	33.82	0.62
Bisenzio	Bisenzio_V-Fiume	305	Max WS	TR200_03h	431.78	143.18	147.72		148.40	0.004506	3.64	119.39	38.41	0.62
Bisenzio	Bisenzio_V-Fiume	305	Max WS	TR200_06h	464.08	143.18	147.89		148.60	0.004449	3.72	126.01	38.75	0.62
Bisenzio	Bisenzio_V-Fiume	305	Max WS	TR200_09h	430.46	143.18	147.73		148.39	0.004461	3.62	119.54	38.46	0.62
Bisenzio	Bisenzio_V-Fiume	305	Max WS	TR200_12h	393.18	143.18	147.53		148.16	0.004499	3.51	112.19	36.11	0.62
Bisenzio	Bisenzio_V-Fiume	304	Max WS	TR30_01h	50.69	142.27	144.05		144.21	0.003790	1.80	28.23	21.75	0.50
Bisenzio	Bisenzio_V-Fiume	304	Max WS	TR30_02h	126.83	142.27	145.05		145.34	0.003900	2.41	52.65	26.07	0.54
Bisenzio	Bisenzio_V-Fiume	304	Max WS	TR30_03h	178.39	142.27	145.53		145.90	0.004167	2.71	65.95	28.65	0.57
Bisenzio	Bisenzio_V-Fiume	304	Max WS	TR30_04h	203.38	142.27	145.74		146.14	0.004196	2.83	71.96	29.35	0.58
Bisenzio	Bisenzio_V-Fiume	304	Max WS	TR30_06h	221.78	142.27	145.89		146.32	0.004177	2.90	76.48	29.87	0.58
Bisenzio	Bisenzio_V-Fiume	304	Max WS	TR30_09h	220.32	142.27	145.88		146.30	0.004173	2.89	76.16	29.83	0.58
Bisenzio	Bisenzio_V-Fiume	304	Max WS	TR30_12h	208.43	142.27	145.78		146.20	0.004161	2.84	73.38	29.51	0.58
Bisenzio	Bisenzio_V-Fiume	304	Max WS	TR200_01h	181.82	142.27	145.56		145.93	0.004178	2.72	66.75	28.74	0.57
Bisenzio	Bisenzio_V-Fiume	304	Max WS	TR200_02h	349.43	142.27	146.72		147.31	0.004470	3.41	102.36	32.68	0.62
Bisenzio	Bisenzio_V-Fiume	304	Max WS	TR200_03h	431.78	142.27	147.16		147.85	0.004622	3.68	117.34	34.20	0.63
Bisenzio	Bisenzio_V-Fiume	304	Max WS	TR200_06h	464.08	142.27	147.34		148.06	0.004638	3.77	123.35	35.08	0.64
Bisenzio	Bisenzio_V-Fiume	304	Max WS	TR200_09h	431.01	142.27	147.17		147.86	0.004573	3.66	117.63	34.23	0.63
Bisenzio	Bisenzio_V-Fiume	304	Max WS	TR200_12h	393.74	142.27	146.98		147.62	0.004492	3.54	111.09	33.57	0.62
Bisenzio	Bisenzio_V-Fiume	302	Max WS	TR30_01h	50.66	141.29	143.73		143.85	0.002132	1.51	33.65	21.69	0.39
Bisenzio	Bisenzio_V-Fiume	302	Max WS	TR30_02h	126.81	141.29	144.66		144.92	0.003656	2.26	56.20	29.09	0.52
Bisenzio	Bisenzio_V-Fiume	302	Max WS	TR30_03h	178.38	141.29	145.12		145.45	0.003709	2.56	69.70	29.77	0.53
Bisenzio	Bisenzio_V-Fiume	302	Max WS	TR30_04h	203.38	141.29	145.31		145.68	0.003762	2.69	75.55	30.06	0.54
Bisenzio	Bisenzio_V-Fiume	302	Max WS	TR30_06h	221.93	141.29	145.46		145.85	0.003754	2.77	80.03	30.27	0.54
Bisenzio	Bisenzio_V-Fiume	302	Max WS	TR30_09h	220.53	141.29	145.45		145.84	0.003749	2.77	79.73	30.26	0.54
Bisenzio	Bisenzio_V-Fiume	302	Max WS	TR30_12h	208.65	141.29	145.36		145.74	0.003725	2.71	77.06	30.13	0.54
Bisenzio	Bisenzio_V-Fiume	302	Max WS	TR200_01h	181.79	141.29	145.14		145.48	0.003722	2.58	70.48	29.81	0.54
Bisenzio	Bisenzio_V-Fiume	302	Max WS	TR200_02h	349.41	141.29	146.24		146.82	0.004181	3.35	104.16	31.43	0.59
Bisenzio	Bisenzio_V-Fiume	302	Max WS	TR200_03h	431.70	141.29	146.68		147.36	0.004401	3.66	117.87	31.94	0.61
Bisenzio	Bisenzio_V-Fiume	302	Max WS	TR200_06h	465.03	141.29	146.85		147.57	0.004455	3.77	123.45	32.18	0.61
Bisenzio	Bisenzio_V-Fiume	302	Max WS	TR200_09h	431.38	141.29	146.69		147.37	0.004345	3.65	118.32	31.95	0.60
Bisenzio	Bisenzio_V-Fiume	302	Max WS	TR200_12h	394.16	141.29	146.51		147.13	0.004227	3.51	112.44	31.75	0.59
Bisenzio	Bisenzio_V-Fiume	301.8			Lat Struct									
Bisenzio	Bisenzio_V-Fiume	301	Max WS	TR30_01h	50.66	141.90	143.60		143.76	0.003820	1.78	28.42	22.37	0.50
Bisenzio	Bisenzio_V-Fiume	301	Max WS	TR30_02h	126.80	141.90	144.48		144.81	0.004873	2.52	50.37	28.20	0.60
Bisenzio	Bisenzio_V-Fiume	301	Max WS	TR30_03h	178.38	141.90	144.95		145.34	0.005023	2.77	64.39	31.90	0.62
Bisenzio	Bisenzio_V-Fiume	301	Max WS	TR30_04h	203.38	141.90	145.15		145.57	0.004907	2.87	70.92	32.71	0.62
Bisenzio	Bisenzio_V-Fiume	301	Max WS	TR30_06h	221.97	141.90	145.30		145.74	0.004757	2.92	76.06	33.34	0.62
Bisenzio	Bisenzio_V-Fiume	301	Max WS	TR30_09h	220.60	141.90	145.29		145.73	0.004760	2.91	75.72	33.30	0.62
Bisenzio	Bisenzio_V-Fiume	301	Max WS	TR30_12h	208.72	141.90	145.20		145.62	0.004807	2.87	72.68	32.93	0.62
Bisenzio	Bisenzio_V-Fiume	301	Max WS	TR200_01h	181.78	141.90	144.97		145.37	0.005017	2.79	65.24	32.01	0.62
Bisenzio	Bisenzio_V-Fiume	301	Max WS	TR200_02h	349.37	141.90	146.11		146.68	0.004681	3.35	104.35	36.46	0.63
Bisenzio	Bisenzio_V-Fiume	301	Max WS	TR200_03h	431.73	141.90	146.55		147.20	0.004659	3.58	120.53	37.46	0.64
Bisenzio	Bisenzio_V-Fiume	301	Max WS	TR200_06h	465.29	141.90	146.73		147.41	0.004596	3.66	127.19	37.69	0.64
Bisenzio	Bisenzio_V-Fiume	301	Max WS	TR200_09h	431.52	141.90	146.57		147.21	0.004582	3.56	121.15	37.48	0.63
Bisenzio	Bisenzio_V-Fiume	301	Max WS	TR200_12h	394.38	141.90	146.38		146.99	0.004561	3.45	114.22	37.08	0.63
Bisenzio	Bisenzio_V-Fiume	300	Max WS	TR30_01h	50.63	141.72	143.31		143.44	0.003078	1.59	31.87	25.02	0.45
Bisenzio	Bisenzio_V-Fiume	300	Max WS	TR30_02h	126.81	141.72	144.08		144.39	0.004280	2.46	51.46	25.82	0.56
Bisenzio	Bisenzio_V-Fiume	300	Max WS	TR30_03h	178.47	141.72	144.49		144.91	0.004745	2.87	62.09	26.24	0.60
Bisenzio	Bisenzio_V-Fiume	300	Max WS	TR30_04h	203.61	141.72	144.67		145.14	0.004920	3.04	68.88	26.43	0.61
Bisenzio	Bisenzio_V-Fiume	300	Max WS	TR30_06h	223.03	141.72	144.81		145.32	0.005006	3.16	70.59	26.58	0.62
Bisenzio	Bisenzio_V-Fiume	300	Max WS	TR30_09h	221.66	141.72	144.80		145.31	0.004997	3.15	70.34	26.57	0.62
Bisenzio	Bisenzio_V-Fiume	300	Max WS	TR30_12h	209.71	141.72	144.72		145.20	0.004921	3.08	68.18	26.48	0.61
Bisenzio	Bisenzio_V-Fiume	300	Max WS	TR200_01h	181.79	141.72	144.51		144.94	0.004775	2.90	62.72	26.27	0.60
Bisenzio	Bisenzio_V-Fiume	300	Max WS	TR200_02h	348.16	141.72	145.54		146.30	0.005821	3.86	90.16	27.30	0.68
Bisenzio	Bisenzio_V-Fiume	300	Max WS	TR200_03h	429.43	141.72	145.94		146.86	0.006263	4.24	101.25	27.68	0.71
Bisenzio	Bisenzio_V-Fiume	300	Max WS	TR200_06h	463.20	141.72	146.11		147.08	0.006375	4.37	105.92	27.84	0.72
Bisenzio	Bisenzio_V-Fiume	300	Max WS	TR200_09h	430.79	141.72	145.95		146.87	0.006226	4.24	101.67	27.70	0.71
Bisenzio	Bisenzio_V-Fiume	300	Max WS	TR200_12h	394.89	141.72	145.78		146.63	0.006047	4.08	96.84	27.53	0.69
Bisenzio	Bisenzio_V-Fiume	298	Max WS	TR30_01h	50.62	141.20	143.19		143.25	0.001088	1.14	44.41	26.08	0.28
Bisenzio	Bisenzio_V-Fiume	298	Max WS	TR30_02h	126.80	141.20	143.88		144.08	0.002368	2.01	63.00	27.88	0.43
Bisenzio	Bisenzio_V-Fiume	298	Max WS	TR30_03h	178.									

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio_V-Fiume	297.1	Max WS	TR30_01h	50.61	141.58	143.12		143.17	0.001057	0.93	54.16	42.66	0.26
Bisenzio	Bisenzio_V-Fiume	297.1	Max WS	TR30_02h	126.80	141.58	143.77		143.89	0.001733	1.55	82.02	42.92	0.36
Bisenzio	Bisenzio_V-Fiume	297.1	Max WS	TR30_03h	178.46	141.58	144.13		144.30	0.001985	1.83	97.29	43.06	0.39
Bisenzio	Bisenzio_V-Fiume	297.1	Max WS	TR30_04h	203.59	141.58	144.29		144.48	0.002094	1.95	104.17	43.45	0.40
Bisenzio	Bisenzio_V-Fiume	297.1	Max WS	TR30_06h	223.07	141.58	144.42		144.63	0.002129	2.03	109.82	43.57	0.41
Bisenzio	Bisenzio_V-Fiume	297.1	Max WS	TR30_09h	221.75	141.58	144.41		144.62	0.002125	2.03	109.48	43.57	0.41
Bisenzio	Bisenzio_V-Fiume	297.1	Max WS	TR30_12h	209.81	141.58	144.34		144.53	0.002089	1.97	106.32	43.57	0.40
Bisenzio	Bisenzio_V-Fiume	297.1	Max WS	TR200_01h	181.77	141.58	144.15		144.32	0.002002	1.85	98.15	43.07	0.39
Bisenzio	Bisenzio_V-Fiume	297.1	Max WS	TR200_02h	342.72	141.58	145.05		145.37	0.002464	2.49	137.46	43.57	0.45
Bisenzio	Bisenzio_V-Fiume	297.1	Max WS	TR200_03h	414.46	141.58	145.40		145.78	0.002579	2.71	152.87	43.58	0.46
Bisenzio	Bisenzio_V-Fiume	297.1	Max WS	TR200_06h	443.80	141.58	145.56		145.96	0.002572	2.78	159.81	43.58	0.46
Bisenzio	Bisenzio_V-Fiume	297.1	Max WS	TR200_09h	415.28	141.58	145.43		145.80	0.002530	2.70	153.98	43.58	0.46
Bisenzio	Bisenzio_V-Fiume	297.1	Max WS	TR200_12h	383.79	141.58	145.28		145.62	0.002484	2.61	147.32	43.58	0.45
Bisenzio	Bisenzio_V-Fiume	297	Max WS	TR30_01h	50.62	141.58	143.12	142.36	143.16	0.001064	0.94	54.06	42.66	0.27
Bisenzio	Bisenzio_V-Fiume	297	Max WS	TR30_02h	126.82	141.58	143.77	142.81	143.89	0.001745	1.55	81.85	42.92	0.36
Bisenzio	Bisenzio_V-Fiume	297	Max WS	TR30_03h	178.58	141.58	144.12	143.06	144.29	0.002003	1.84	97.05	43.06	0.39
Bisenzio	Bisenzio_V-Fiume	297	Max WS	TR30_04h	203.94	141.58	144.28	143.18	144.48	0.002117	1.96	103.89	43.41	0.41
Bisenzio	Bisenzio_V-Fiume	297	Max WS	TR30_06h	224.65	141.58	144.40	143.26	144.62	0.002193	2.06	109.29	43.57	0.41
Bisenzio	Bisenzio_V-Fiume	297	Max WS	TR30_09h	223.29	141.58	144.40	143.26	144.61	0.002189	2.05	108.95	43.57	0.41
Bisenzio	Bisenzio_V-Fiume	297	Max WS	TR30_12h	211.23	141.58	144.32	143.21	144.53	0.002150	2.00	105.81	43.57	0.41
Bisenzio	Bisenzio_V-Fiume	297	Max WS	TR200_01h	181.80	141.58	144.14	143.08	144.32	0.002016	1.86	97.94	43.07	0.39
Bisenzio	Bisenzio_V-Fiume	297	Max WS	TR200_02h	342.80	141.58	145.04	143.73	145.36	0.002481	2.50	137.18	43.57	0.45
Bisenzio	Bisenzio_V-Fiume	297	Max WS	TR200_03h	414.82	141.58	145.40	143.98	145.77	0.002602	2.72	152.51	43.58	0.46
Bisenzio	Bisenzio_V-Fiume	297	Max WS	TR200_06h	446.78	141.58	145.55	144.09	145.95	0.002649	2.81	158.99	43.58	0.47
Bisenzio	Bisenzio_V-Fiume	297	Max WS	TR200_09h	418.18	141.58	145.41	144.00	145.79	0.002607	2.73	153.20	43.58	0.46
Bisenzio	Bisenzio_V-Fiume	297	Max WS	TR200_12h	386.28	141.58	145.26	143.88	145.61	0.002557	2.64	146.57	43.58	0.46
Bisenzio	Bisenzio_V-Fiume	295.5			Inl Struct									
Bisenzio	Bisenzio_V-Fiume	295	Max WS	TR30_01h	50.58	137.84	139.92		139.97	0.000888	0.98	51.79	33.72	0.25
Bisenzio	Bisenzio_V-Fiume	295	Max WS	TR30_02h	126.82	137.84	140.94		141.04	0.001136	1.40	90.44	40.64	0.30
Bisenzio	Bisenzio_V-Fiume	295	Max WS	TR30_03h	178.56	137.84	141.39		141.53	0.001257	1.64	108.96	41.27	0.32
Bisenzio	Bisenzio_V-Fiume	295	Max WS	TR30_04h	203.93	137.84	141.58		141.74	0.001318	1.74	116.89	41.53	0.33
Bisenzio	Bisenzio_V-Fiume	295	Max WS	TR30_06h	224.65	137.84	141.73		141.90	0.001365	1.83	123.02	41.74	0.34
Bisenzio	Bisenzio_V-Fiume	295	Max WS	TR30_09h	223.29	137.84	141.72		141.89	0.001361	1.82	122.66	41.72	0.34
Bisenzio	Bisenzio_V-Fiume	295	Max WS	TR30_12h	211.23	137.84	141.63		141.80	0.001332	1.77	119.16	41.61	0.33
Bisenzio	Bisenzio_V-Fiume	295	Max WS	TR200_01h	181.76	137.84	141.41		141.55	0.001266	1.65	109.94	41.30	0.32
Bisenzio	Bisenzio_V-Fiume	295	Max WS	TR200_02h	342.35	137.84	142.52		142.76	0.001543	2.18	156.94	43.68	0.37
Bisenzio	Bisenzio_V-Fiume	295	Max WS	TR200_03h	414.57	137.84	142.97		143.25	0.001569	2.35	176.47	43.69	0.37
Bisenzio	Bisenzio_V-Fiume	295	Max WS	TR200_06h	446.74	137.84	143.16		143.46	0.001575	2.42	184.96	43.69	0.37
Bisenzio	Bisenzio_V-Fiume	295	Max WS	TR200_09h	418.14	137.84	143.00		143.28	0.001555	2.35	177.98	43.69	0.37
Bisenzio	Bisenzio_V-Fiume	295	Max WS	TR200_12h	386.28	137.84	142.80		143.07	0.001551	2.28	169.27	43.69	0.37
Bisenzio	Bisenzio_V-Fiume	294.8			Lat Struct									
Bisenzio	Bisenzio_V-Fiume	294	Max WS	TR30_01h	50.55	138.14	139.57		139.74	0.004609	1.84	27.50	23.95	0.55
Bisenzio	Bisenzio_V-Fiume	294	Max WS	TR30_02h	126.81	138.14	140.55		140.80	0.004366	2.23	56.79	35.34	0.56
Bisenzio	Bisenzio_V-Fiume	294	Max WS	TR30_03h	178.54	138.14	140.97		141.29	0.004213	2.48	72.04	36.90	0.57
Bisenzio	Bisenzio_V-Fiume	294	Max WS	TR30_04h	203.92	138.14	141.15		141.49	0.004198	2.59	78.70	37.43	0.57
Bisenzio	Bisenzio_V-Fiume	294	Max WS	TR30_06h	224.68	138.14	141.29		141.65	0.004196	2.68	83.86	37.78	0.57
Bisenzio	Bisenzio_V-Fiume	294	Max WS	TR30_09h	223.35	138.14	141.28		141.65	0.004190	2.67	83.57	37.76	0.57
Bisenzio	Bisenzio_V-Fiume	294	Max WS	TR30_12h	211.28	138.14	141.20		141.55	0.004180	2.62	80.66	37.56	0.57
Bisenzio	Bisenzio_V-Fiume	294	Max WS	TR200_01h	181.72	138.14	140.99		141.31	0.004224	2.50	72.82	36.98	0.57
Bisenzio	Bisenzio_V-Fiume	294	Max WS	TR200_02h	345.38	138.14	142.05		142.51	0.004100	3.03	114.08	41.33	0.58
Bisenzio	Bisenzio_V-Fiume	294	Max WS	TR200_03h	419.62	138.14	142.49		143.00	0.003842	3.16	132.67	42.45	0.57
Bisenzio	Bisenzio_V-Fiume	294	Max WS	TR200_06h	453.33	138.14	142.68		143.21	0.003756	3.22	140.77	42.92	0.57
Bisenzio	Bisenzio_V-Fiume	294	Max WS	TR200_09h	423.55	138.14	142.53		143.03	0.003773	3.15	134.31	42.55	0.57
Bisenzio	Bisenzio_V-Fiume	294	Max WS	TR200_12h	390.68	138.14	142.33		142.82	0.003901	3.10	125.86	42.04	0.57
Bisenzio	Bisenzio_V-Fiume	293.8			Lat Struct									
Bisenzio	Bisenzio_V-Fiume	293	Max WS	TR30_01h	50.53	137.65	139.39		139.54	0.003892	1.67	30.31	26.98	0.50
Bisenzio	Bisenzio_V-Fiume	293	Max WS	TR30_02h	126.80	137.65	140.40		140.60	0.003405	1.98	63.98	39.50	0.50
Bisenzio	Bisenzio_V-Fiume	293	Max WS	TR30_03h	178.54	137.65	140.84		141.08	0.003218	2.19	81.60	41.32	0.50
Bisenzio	Bisenzio_V-Fiume	293	Max WS	TR30_04h	203.92	137.65	141.02		141.29	0.003212	2.29	89.18	42.07	0.50
Bisenzio	Bisenzio_V-Fiume	293	Max WS	TR30_06h	224.69	137.65	141.16		141.45	0.003220	2.36	95.07	42.65	0.51
Bisenzio	Bisenzio_V-Fiume	293	Max WS	TR30_09h	223.36	137.65	141.15		141.44	0.003213	2.36	94.75	42.62	0.50
Bisenzio	Bisenzio_V-Fiume	293	Max WS	TR30_12h	211.31	137.65	141.08		141.35	0.003199	2.31	91.44	42.29	0.50
Bisenzio	Bisenzio_V-Fiume	293	Max WS	TR200_01h	181.71	137.65	140.86		141.11	0.003228	2.20	82.47	41.41	0.50
Bisenzio	Bisenzio_V-Fiume	293	Max WS	TR200_02h	345.37	137.65	141.93		142.30	0.003067	2.67	129.20	45.94	0.51
Bisenzio	Bisenzio_V-Fiume	293	Max WS	TR200_03h	419.69	137.65	142.39		142.79	0.002801	2.79	150.46	46.16	0.49
Bisenzio	Bisenzio_V-Fiume	293	Max WS	TR200_06h	453.53	137.65	142.59		143.00	0.002723	2.84	159.47	46.17	0.49
Bisenzio	Bisenzio_V-Fiume	293	Max WS	TR200_09h	423.72	137.65	142.43		142.83	0.002743	2.78	152.39	46.17	0.49
Bisenzio	Bisenzio_V-Fiume	293	Max WS	TR200_12h	390.86	137.65	142.23		142.61	0.002866	2.74	142.79	46.11	0.50
Bisenzio	Bisenzio_V-Fiume	292	Max WS	TR30_01h	50.53	137.35	139.23	138.72	139.38	0.003590	1.70	29.73	27.59	0.49
Bisenzio	Bisenzio_V-Fiume	292	Max WS	TR30_02h	124.07	137.35	140.22	139.42	140.45	0.003636	2.13	58.21	37.95	0.52
Bisenzio	Bisenzio_V-Fiume	292	Max WS	TR30_03h	178.54	137.35	140.63	139.84	140.94	0.003646	2.47	72.40	38.14	0.54
Bisenzio	Bisenzio_V-Fiume	292	Max WS	TR30_04h	203.94	137.35	140.80	140.00	141.15	0.003700	2.61	78.07	38.17	0.55
Bisenzio	Bisenzio_V-Fiume	292	Max WS	TR30_06h	225.02	137.35	140.92	140.14	141.30	0.003782	2.74	82.27	38.18	0.56
Bisenzio	Bisenzio_V-Fiume	292	Max WS	TR30_09h	223.76	137.35	140.92	140.13	141.30	0.003774	2.73	82.05	38.18	0.56
Bisenzio	Bisenzio_V-Fiume	292	Max WS	TR30_12h	211.68	137.35	140.85	140.05	141.21	0.003724	2.66	79.67	38.17	0.55
Bisenzio	Bisenzio_V-Fiume	292	Max WS	TR200_01h	181.70	137.35	140.65	139.86	140.97	0.003668	2.49	73.03	38.15	0.54
Bisenzio	Bisenzio_V-Fiume	292	Max WS	TR200_02h	345.61	137.35	141.63	140.69	142.17	0.003800	3.25	106.28	38.28	0.59
Bisenzio	Bisenzio_V-Fiume	292	Max WS	TR200_03h	422.06	137.35	142.04	141.00	142.67	0.003747	3.51	120.33	38.33	0.60
Bisenzio	Bisenzio_V-Fiume	292	Max WS	TR200_06h	457.21	137.35	142.21	141.15	142.88	0.003758	3.62	126.13	38.25	0.60
Bisenzio	Bisenzio_V-Fiume	292	Max WS	TR200_09h	427.09	137.35	142.08	141.03	142.71	0.003706	3.51	121.58	38.34	0.59
Bisenzio	Bisenzio_V-Fiume	292	Max WS	TR200_12h	393.50	137.35	141.89	140.89	142.49	0.003771				

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio_V-Fiume	290	Max WS	TR200_03h	422.04	137.59	141.90		142.57	0.004130	3.62	116.44	38.11	0.63
Bisenzio	Bisenzio_V-Fiume	290	Max WS	TR200_06h	457.21	137.59	142.08		142.79	0.004087	3.73	122.55	38.13	0.63
Bisenzio	Bisenzio_V-Fiume	290	Max WS	TR200_09h	427.09	137.59	141.93		142.60	0.004097	3.63	117.56	38.11	0.62
Bisenzio	Bisenzio_V-Fiume	290	Max WS	TR200_12h	393.50	137.59	141.75		142.39	0.004145	3.53	111.53	38.10	0.62
Bisenzio	Bisenzio_V-Fiume	289.8		Lat Struct										
Bisenzio	Bisenzio_V-Fiume	289	Max WS	TR30_01h	50.48	137.21	138.72		138.84	0.003095	1.56	32.37	26.22	0.45
Bisenzio	Bisenzio_V-Fiume	289	Max WS	TR30_02h	126.80	137.21	139.53		139.81	0.003867	2.34	54.24	27.42	0.53
Bisenzio	Bisenzio_V-Fiume	289	Max WS	TR30_03h	178.53	137.21	139.94		140.32	0.004306	2.73	65.40	28.02	0.57
Bisenzio	Bisenzio_V-Fiume	289	Max WS	TR30_04h	203.94	137.21	140.11		140.54	0.004502	2.90	70.32	28.28	0.59
Bisenzio	Bisenzio_V-Fiume	289	Max WS	TR30_06h	225.05	137.21	140.25		140.72	0.004648	3.03	74.24	28.48	0.60
Bisenzio	Bisenzio_V-Fiume	289	Max WS	TR30_09h	223.81	137.21	140.24		140.71	0.004636	3.02	74.03	28.47	0.60
Bisenzio	Bisenzio_V-Fiume	289	Max WS	TR30_12h	211.74	137.21	140.16		140.61	0.004557	2.95	71.79	28.35	0.59
Bisenzio	Bisenzio_V-Fiume	289	Max WS	TR200_01h	181.66	137.21	139.96		140.34	0.004333	2.75	66.02	28.05	0.57
Bisenzio	Bisenzio_V-Fiume	289	Max WS	TR200_02h	345.60	137.21	140.92		141.61	0.005434	3.69	93.66	29.47	0.66
Bisenzio	Bisenzio_V-Fiume	289	Max WS	TR200_03h	425.00	137.21	141.32		142.14	0.005738	4.03	105.44	29.76	0.68
Bisenzio	Bisenzio_V-Fiume	289	Max WS	TR200_06h	461.63	137.21	141.49		142.38	0.005844	4.17	110.65	30.45	0.69
Bisenzio	Bisenzio_V-Fiume	289	Max WS	TR200_09h	430.62	137.21	141.35		142.18	0.005728	4.05	106.41	29.77	0.68
Bisenzio	Bisenzio_V-Fiume	289	Max WS	TR200_12h	395.91	137.21	141.18		141.96	0.005600	3.90	101.46	29.73	0.67
Bisenzio	Bisenzio_V-Fiume	288.9		Lat Struct										
Bisenzio	Bisenzio_V-Fiume	288	Max WS	TR30_01h	50.46	136.39	138.63		138.70	0.001340	1.24	40.75	25.06	0.31
Bisenzio	Bisenzio_V-Fiume	288	Max WS	TR30_02h	126.79	136.39	139.39		139.61	0.002583	2.07	61.19	28.14	0.45
Bisenzio	Bisenzio_V-Fiume	288	Max WS	TR30_03h	178.52	136.39	139.77		140.08	0.003146	2.48	71.86	28.85	0.50
Bisenzio	Bisenzio_V-Fiume	288	Max WS	TR30_04h	203.94	136.39	139.93		140.29	0.003397	2.66	76.54	29.15	0.53
Bisenzio	Bisenzio_V-Fiume	288	Max WS	TR30_06h	225.07	136.39	140.06		140.46	0.003585	2.80	80.28	29.39	0.54
Bisenzio	Bisenzio_V-Fiume	288	Max WS	TR30_09h	223.84	136.39	140.05		140.45	0.003572	2.79	80.09	29.38	0.54
Bisenzio	Bisenzio_V-Fiume	288	Max WS	TR30_12h	211.77	136.39	139.98		140.35	0.003468	2.72	77.94	29.24	0.53
Bisenzio	Bisenzio_V-Fiume	288	Max WS	TR200_01h	181.65	136.39	139.79		140.11	0.003180	2.51	72.44	28.89	0.51
Bisenzio	Bisenzio_V-Fiume	288	Max WS	TR200_02h	345.58	136.39	140.67		141.29	0.004580	3.50	98.66	30.55	0.62
Bisenzio	Bisenzio_V-Fiume	288	Max WS	TR200_03h	427.71	136.39	141.03		141.80	0.005110	3.89	109.88	31.23	0.66
Bisenzio	Bisenzio_V-Fiume	288	Max WS	TR200_06h	466.12	136.39	141.19		142.03	0.005322	4.06	114.92	31.54	0.68
Bisenzio	Bisenzio_V-Fiume	288	Max WS	TR200_09h	434.00	136.39	141.06		141.84	0.005127	3.92	110.85	31.29	0.66
Bisenzio	Bisenzio_V-Fiume	288	Max WS	TR200_12h	398.05	136.39	140.91		141.63	0.004905	3.75	106.09	31.01	0.65
Bisenzio	Bisenzio_V-Fiume	287	Max WS	TR30_01h	50.45	136.86	138.58		138.66	0.001689	1.25	40.25	28.95	0.34
Bisenzio	Bisenzio_V-Fiume	287	Max WS	TR30_02h	126.79	136.86	139.32		139.51	0.002862	1.96	64.65	35.10	0.46
Bisenzio	Bisenzio_V-Fiume	287	Max WS	TR30_03h	178.52	136.86	139.69		139.96	0.003174	2.29	77.82	35.67	0.50
Bisenzio	Bisenzio_V-Fiume	287	Max WS	TR30_04h	203.94	136.86	139.85		140.15	0.003321	2.44	83.53	35.92	0.51
Bisenzio	Bisenzio_V-Fiume	287	Max WS	TR30_06h	225.07	136.86	139.98		140.31	0.003431	2.56	88.09	36.11	0.52
Bisenzio	Bisenzio_V-Fiume	287	Max WS	TR30_09h	223.86	136.86	139.97		140.30	0.003421	2.55	87.86	36.10	0.52
Bisenzio	Bisenzio_V-Fiume	287	Max WS	TR30_12h	211.78	136.86	139.90		140.21	0.003365	2.48	85.23	35.99	0.52
Bisenzio	Bisenzio_V-Fiume	287	Max WS	TR200_01h	181.64	136.86	139.71		139.98	0.003193	2.31	78.54	35.70	0.50
Bisenzio	Bisenzio_V-Fiume	287	Max WS	TR200_02h	345.58	136.86	140.57		141.08	0.004105	3.15	109.78	37.02	0.58
Bisenzio	Bisenzio_V-Fiume	287	Max WS	TR200_03h	430.31	136.86	140.91		141.54	0.004570	3.52	122.27	37.39	0.62
Bisenzio	Bisenzio_V-Fiume	287	Max WS	TR200_06h	470.71	136.86	141.05		141.74	0.004772	3.69	127.73	37.41	0.64
Bisenzio	Bisenzio_V-Fiume	287	Max WS	TR200_09h	437.52	136.86	140.93		141.57	0.004601	3.55	123.31	37.39	0.62
Bisenzio	Bisenzio_V-Fiume	287	Max WS	TR200_12h	400.24	136.86	140.79		141.38	0.004406	3.39	118.09	37.37	0.61
Bisenzio	Bisenzio_V-Fiume	286	Max WS	TR30_01h	50.44	136.73	138.41		138.48	0.001377	1.15	43.83	30.67	0.31
Bisenzio	Bisenzio_V-Fiume	286	Max WS	TR30_02h	126.78	136.73	139.02		139.22	0.002663	1.98	67.34	41.73	0.45
Bisenzio	Bisenzio_V-Fiume	286	Max WS	TR30_03h	178.51	136.73	139.32		139.60	0.003389	2.39	80.41	46.45	0.51
Bisenzio	Bisenzio_V-Fiume	286	Max WS	TR30_04h	203.94	136.73	139.45		139.78	0.003618	2.56	86.74	49.36	0.54
Bisenzio	Bisenzio_V-Fiume	286	Max WS	TR30_06h	225.10	136.73	139.56		139.92	0.003762	2.68	92.22	51.76	0.55
Bisenzio	Bisenzio_V-Fiume	286	Max WS	TR30_09h	223.91	136.73	139.56		139.91	0.003752	2.67	91.94	51.64	0.55
Bisenzio	Bisenzio_V-Fiume	286	Max WS	TR30_12h	211.84	136.73	139.49		139.83	0.003682	2.61	88.71	50.24	0.54
Bisenzio	Bisenzio_V-Fiume	286	Max WS	TR200_01h	181.62	136.73	139.34		139.63	0.003419	2.41	81.18	46.81	0.52
Bisenzio	Bisenzio_V-Fiume	286	Max WS	TR200_02h	345.46	136.73	140.06		140.58	0.004502	3.30	118.58	53.83	0.62
Bisenzio	Bisenzio_V-Fiume	286	Max WS	TR200_03h	430.28	136.73	140.36		140.99	0.004841	3.66	135.24	56.26	0.65
Bisenzio	Bisenzio_V-Fiume	286	Max WS	TR200_06h	470.59	136.73	140.50		141.18	0.004980	3.81	142.80	57.32	0.66
Bisenzio	Bisenzio_V-Fiume	286	Max WS	TR200_09h	437.69	136.73	140.39		141.03	0.004865	3.68	136.67	56.46	0.65
Bisenzio	Bisenzio_V-Fiume	286	Max WS	TR200_12h	400.38	136.73	140.26		140.85	0.004730	3.54	129.49	55.43	0.64
Bisenzio	Bisenzio_V-Fiume	285	Max WS	TR30_01h	50.43	136.72	138.27	137.58	138.31	0.001219	0.94	54.31	49.42	0.28
Bisenzio	Bisenzio_V-Fiume	285	Max WS	TR30_02h	126.77	136.72	138.84	138.03	138.96	0.001944	1.54	84.69	56.77	0.38
Bisenzio	Bisenzio_V-Fiume	285	Max WS	TR30_03h	178.51	136.72	139.13	138.27	139.30	0.002204	1.83	101.65	58.34	0.42
Bisenzio	Bisenzio_V-Fiume	285	Max WS	TR30_04h	203.94	136.72	139.26	138.38	139.45	0.002310	1.96	109.34	61.38	0.43
Bisenzio	Bisenzio_V-Fiume	285	Max WS	TR30_06h	225.11	136.72	139.36	138.47	139.57	0.002394	2.05	115.66	64.76	0.44
Bisenzio	Bisenzio_V-Fiume	285	Max WS	TR30_09h	223.94	136.72	139.35	138.46	139.56	0.002390	2.05	115.31	64.58	0.44
Bisenzio	Bisenzio_V-Fiume	285	Max WS	TR30_12h	211.87	136.72	139.30	138.41	139.50	0.002342	1.99	111.72	62.68	0.44
Bisenzio	Bisenzio_V-Fiume	285	Max WS	TR200_01h	181.61	136.72	139.15	138.29	139.32	0.002217	1.85	102.61	58.45	0.42
Bisenzio	Bisenzio_V-Fiume	285	Max WS	TR200_02h	345.44	136.72	139.86	138.91	140.17	0.002722	2.52	150.28	69.76	0.49
Bisenzio	Bisenzio_V-Fiume	285	Max WS	TR200_03h	429.91	136.72	140.17	139.17	140.54	0.002856	2.77	171.86	70.18	0.51
Bisenzio	Bisenzio_V-Fiume	285	Max WS	TR200_06h	469.60	136.72	140.31	139.29	140.71	0.002906	2.88	181.44	70.37	0.52
Bisenzio	Bisenzio_V-Fiume	285	Max WS	TR200_09h	437.31	136.72	140.20	139.19	140.57	0.002865	2.79	173.68	70.22	0.51
Bisenzio	Bisenzio_V-Fiume	285	Max WS	TR200_12h	400.33	136.72	140.07	139.08	140.42	0.002814	2.68	164.51	70.04	0.50
Bisenzio	Bisenzio_V-Fiume	283.5		Int Struct										
Bisenzio	Bisenzio_V-Fiume	283	Max WS	TR30_01h	50.43	131.34	133.82		133.84	0.000361	0.68	74.54	41.77	0.16
Bisenzio	Bisenzio_V-Fiume	283	Max WS	TR30_02h	126.77	131.34	134.64		134.71	0.000679	1.15	109.86	43.59	0.23
Bisenzio	Bisenzio_V-Fiume	283	Max WS	TR30_03h	178.50	131.34	135.08		135.18	0.000806	1.38	129.22	43.91	0.26
Bisenzio	Bisenzio_V-Fiume	283	Max WS	TR30_04h	203.93	131.34	135.28		135.39	0.000858	1.48	137.87	44.06	0.27
Bisenzio	Bisenzio_V-Fiume	283	Max WS	TR30_06h	225.11	131.34	135.44		135.56	0.000890	1.55	145.08	44.18	0.27
Bisenzio	Bisenzio_V-Fiume	283	Max WS	TR30_09h	223.93	131.34	135.43		135.55	0.000888	1.55	144.70	44.17	0.27
Bisenzio	Bisenzio_V-Fiume	283	Max WS	TR30_12h	211.87	131.34	135.34		135.46	0.000867	1.51	140.74	44.11	0.27
Bisenzio	Bisenzio_V-Fiume	283	Max WS	TR200_01h	181.59	131.34	135.10		135.20	0.000814	1.39	130.23	43.93	0.26
Bisenzio	Bisenzio_V-Fiume	283	Max WS	TR200_02h	345.38	131.34	136.19		136.38	0.001159	1.93	179.33	47.92	0.32
Bisenzio	Bisenzio_V-Fiume	283	Max WS	TR200_03h	429.91	131.34	136.6							

HEC-RAS Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Chl 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
Bisenzio	Bisenzio_V-Fiume	282	Max WS	TR30_06h	225.11	132.32	135.20		135.56	0.004139	2.63	85.70	40.02	0.57
Bisenzio	Bisenzio_V-Fiume	282	Max WS	TR30_09h	223.94	132.32	135.20		135.55	0.004145	2.62	85.37	40.01	0.57
Bisenzio	Bisenzio_V-Fiume	282	Max WS	TR30_12h	211.88	132.32	135.11		135.45	0.004219	2.59	81.93	39.82	0.58
Bisenzio	Bisenzio_V-Fiume	282	Max WS	TR200_01h	181.58	132.32	134.88		135.19	0.004328	2.49	72.89	38.24	0.58
Bisenzio	Bisenzio_V-Fiume	282	Max WS	TR200_02h	345.38	132.32	135.92		136.38	0.003927	3.00	114.97	41.60	0.58
Bisenzio	Bisenzio_V-Fiume	282	Max WS	TR200_03h	430.16	132.32	136.35		136.89	0.003887	3.23	133.20	42.55	0.58
Bisenzio	Bisenzio_V-Fiume	282	Max WS	TR200_06h	470.13	132.32	136.56		137.12	0.004055	3.31	142.19	45.34	0.60
Bisenzio	Bisenzio_V-Fiume	282	Max WS	TR200_09h	437.65	132.32	136.40		136.94	0.003905	3.23	135.30	43.30	0.58
Bisenzio	Bisenzio_V-Fiume	282	Max WS	TR200_12h	400.47	132.32	136.22		136.72	0.003852	3.14	127.46	42.26	0.58
Bisenzio	Bisenzio_V-Fiume	281	Max WS	TR30_01h	50.42	131.69	133.17	133.10	133.48	0.013874	2.46	20.48	24.80	0.65
Bisenzio	Bisenzio_V-Fiume	281	Max WS	TR30_02h	126.76	131.69	133.96	133.75	134.45	0.011400	3.10	40.84	27.97	0.66
Bisenzio	Bisenzio_V-Fiume	281	Max WS	TR30_03h	178.51	131.69	134.38	134.10	134.96	0.010341	3.39	52.70	27.98	0.66
Bisenzio	Bisenzio_V-Fiume	281	Max WS	TR30_04h	203.98	131.69	134.56	134.25	135.20	0.010174	3.53	57.86	27.99	0.66
Bisenzio	Bisenzio_V-Fiume	281	Max WS	TR30_06h	225.52	131.69	134.72	134.38	135.39	0.010205	3.62	62.26	28.51	0.66
Bisenzio	Bisenzio_V-Fiume	281	Max WS	TR30_09h	224.40	131.69	134.71	134.37	135.38	0.010204	3.62	62.02	28.47	0.66
Bisenzio	Bisenzio_V-Fiume	281	Max WS	TR30_12h	212.31	131.69	134.62	134.30	135.27	0.010111	3.56	59.56	28.02	0.66
Bisenzio	Bisenzio_V-Fiume	281	Max WS	TR200_01h	181.58	131.69	134.40	134.12	134.99	0.010340	3.41	53.30	27.99	0.66
Bisenzio	Bisenzio_V-Fiume	281	Max WS	TR200_02h	345.39	131.69	135.44	135.05	136.29	0.011226	4.09	84.51	33.14	0.67
Bisenzio	Bisenzio_V-Fiume	281	Max WS	TR200_03h	430.23	131.69	135.87	135.48	136.83	0.011548	4.33	99.34	35.66	0.68
Bisenzio	Bisenzio_V-Fiume	281	Max WS	TR200_06h	471.00	131.69	136.07	135.67	137.07	0.011564	4.42	106.56	36.79	0.67
Bisenzio	Bisenzio_V-Fiume	281	Max WS	TR200_09h	438.62	131.69	135.92	135.52	136.88	0.011498	4.34	101.02	35.93	0.67
Bisenzio	Bisenzio_V-Fiume	281	Max WS	TR200_12h	401.33	131.69	135.74	135.34	136.66	0.011406	4.24	94.55	34.90	0.67
Bisenzio	Bisenzio_V-Fiume	279	Max WS	TR30_01h	50.42	131.36	133.05	132.96	133.36	0.012456	2.44	20.64	24.79	0.85
Bisenzio	Bisenzio_V-Fiume	279	Max WS	TR30_02h	126.76	131.36	133.85	133.62	134.32	0.009141	3.03	41.85	27.51	0.61
Bisenzio	Bisenzio_V-Fiume	279	Max WS	TR30_03h	178.51	131.36	134.27	133.96	134.84	0.008512	3.31	53.93	28.66	0.62
Bisenzio	Bisenzio_V-Fiume	279	Max WS	TR30_04h	203.98	131.36	134.48	134.12	135.07	0.008434	3.44	58.28	29.21	0.62
Bisenzio	Bisenzio_V-Fiume	279	Max WS	TR30_06h	225.52	131.36	134.62	134.25	135.26	0.008469	3.53	63.86	30.23	0.62
Bisenzio	Bisenzio_V-Fiume	279	Max WS	TR30_09h	224.40	131.36	134.61	134.24	135.25	0.008451	3.53	63.61	30.11	0.62
Bisenzio	Bisenzio_V-Fiume	279	Max WS	TR30_12h	212.31	131.36	134.53	134.17	135.14	0.008387	3.48	61.07	29.43	0.62
Bisenzio	Bisenzio_V-Fiume	279	Max WS	TR200_01h	181.58	131.36	134.30	133.98	134.87	0.008521	3.33	54.55	28.72	0.62
Bisenzio	Bisenzio_V-Fiume	279	Max WS	TR200_02h	345.39	131.36	135.32	134.95	136.12	0.008652	3.95	87.40	34.95	0.63
Bisenzio	Bisenzio_V-Fiume	279	Max WS	TR200_03h	430.24	131.36	135.75	135.31	136.65	0.008361	4.19	102.60	36.05	0.64
Bisenzio	Bisenzio_V-Fiume	279	Max WS	TR200_06h	471.01	131.36	135.95	135.48	136.89	0.008197	4.29	109.89	36.57	0.64
Bisenzio	Bisenzio_V-Fiume	279	Max WS	TR200_09h	438.63	131.36	135.80	135.35	136.70	0.008275	4.20	104.33	36.18	0.64
Bisenzio	Bisenzio_V-Fiume	279	Max WS	TR200_12h	401.34	131.36	135.62	135.20	136.48	0.008388	4.11	97.76	35.71	0.64
Bisenzio	Bisenzio_V-Fiume	278	Max WS	TR30_01h	50.37	130.13	132.39		132.51	0.002530	1.54	32.66	23.28	0.42
Bisenzio	Bisenzio_V-Fiume	278	Max WS	TR30_02h	126.74	130.13	133.30		133.56	0.003324	2.24	56.47	27.82	0.50
Bisenzio	Bisenzio_V-Fiume	278	Max WS	TR30_03h	178.51	130.13	133.72		134.07	0.003697	2.60	68.56	29.08	0.54
Bisenzio	Bisenzio_V-Fiume	278	Max WS	TR30_04h	203.93	130.13	133.91		134.30	0.003862	2.76	73.92	29.63	0.56
Bisenzio	Bisenzio_V-Fiume	278	Max WS	TR30_06h	225.54	130.13	134.06		134.48	0.003971	2.88	78.40	30.07	0.57
Bisenzio	Bisenzio_V-Fiume	278	Max WS	TR30_09h	224.45	130.13	134.05		134.47	0.003965	2.87	78.18	30.05	0.57
Bisenzio	Bisenzio_V-Fiume	278	Max WS	TR30_12h	212.37	130.13	133.97		134.37	0.003886	2.80	75.82	29.82	0.56
Bisenzio	Bisenzio_V-Fiume	278	Max WS	TR200_01h	181.56	130.13	133.74		134.09	0.003740	2.63	69.07	29.14	0.55
Bisenzio	Bisenzio_V-Fiume	278	Max WS	TR200_02h	345.38	130.13	134.72		135.34	0.004729	3.49	98.87	32.03	0.63
Bisenzio	Bisenzio_V-Fiume	278	Max WS	TR200_03h	430.19	130.13	135.13		135.88	0.005054	3.82	112.48	33.26	0.66
Bisenzio	Bisenzio_V-Fiume	278	Max WS	TR200_06h	471.07	130.13	135.33		136.13	0.005135	3.95	119.15	33.85	0.67
Bisenzio	Bisenzio_V-Fiume	278	Max WS	TR200_09h	438.76	130.13	135.19		135.94	0.005025	3.84	114.26	33.42	0.66
Bisenzio	Bisenzio_V-Fiume	278	Max WS	TR200_12h	401.48	130.13	135.01		135.71	0.004886	3.70	108.48	32.90	0.65
Bisenzio	Bisenzio_V-Fiume	276	Max WS	TR30_01h	50.34	130.35	132.11		132.20	0.001890	1.33	37.94	27.16	0.36
Bisenzio	Bisenzio_V-Fiume	276	Max WS	TR30_02h	126.74	130.35	132.90		133.12	0.003075	2.07	61.30	32.39	0.48
Bisenzio	Bisenzio_V-Fiume	276	Max WS	TR30_03h	178.48	130.35	133.27		133.56	0.003754	2.42	73.82	35.81	0.54
Bisenzio	Bisenzio_V-Fiume	276	Max WS	TR30_04h	203.66	130.35	133.43		133.76	0.003846	2.55	79.78	36.24	0.55
Bisenzio	Bisenzio_V-Fiume	276	Max WS	TR30_06h	225.56	130.35	133.57		133.93	0.003898	2.66	84.90	36.61	0.56
Bisenzio	Bisenzio_V-Fiume	276	Max WS	TR30_09h	224.51	130.35	133.56		133.92	0.003899	2.65	84.63	36.59	0.56
Bisenzio	Bisenzio_V-Fiume	276	Max WS	TR30_12h	212.43	130.35	133.49		133.84	0.003831	2.59	82.10	36.41	0.55
Bisenzio	Bisenzio_V-Fiume	276	Max WS	TR200_01h	181.55	130.35	133.28		133.58	0.003826	2.45	74.18	35.84	0.54
Bisenzio	Bisenzio_V-Fiume	276	Max WS	TR200_02h	345.34	130.35	134.12		134.67	0.004708	3.27	105.52	38.04	0.63
Bisenzio	Bisenzio_V-Fiume	276	Max WS	TR200_03h	429.89	130.35	134.51		135.16	0.004914	3.57	120.29	39.04	0.65
Bisenzio	Bisenzio_V-Fiume	276	Max WS	TR200_06h	471.15	130.35	134.70		135.39	0.004900	3.68	127.99	39.54	0.65
Bisenzio	Bisenzio_V-Fiume	276	Max WS	TR200_09h	438.95	130.35	134.57		135.22	0.004817	3.58	122.78	39.20	0.65
Bisenzio	Bisenzio_V-Fiume	276	Max WS	TR200_12h	401.66	130.35	134.41		135.02	0.004710	3.44	116.61	38.79	0.63
Bisenzio	Bisenzio_V-Fiume	275	Max WS	TR30_01h	50.40	130.30	132.03		132.12	0.002259	1.34	37.62	30.91	0.39
Bisenzio	Bisenzio_V-Fiume	275	Max WS	TR30_02h	127.30	130.30	132.78		132.99	0.003035	2.03	64.16	43.98	0.48
Bisenzio	Bisenzio_V-Fiume	275	Max WS	TR30_03h	180.21	130.30	133.12		133.40	0.003411	2.39	79.56	45.68	0.52
Bisenzio	Bisenzio_V-Fiume	275	Max WS	TR30_04h	207.43	130.30	133.27		133.59	0.003573	2.55	86.60	46.18	0.54
Bisenzio	Bisenzio_V-Fiume	275	Max WS	TR30_06h	231.73	130.30	133.40		133.76	0.003702	2.68	92.57	46.59	0.55
Bisenzio	Bisenzio_V-Fiume	275	Max WS	TR30_09h	230.46	130.30	133.39		133.75	0.003695	2.67	92.27	46.57	0.55
Bisenzio	Bisenzio_V-Fiume	275	Max WS	TR30_12h	217.93	130.30	133.33		133.67	0.003629	2.60	89.22	46.36	0.54
Bisenzio	Bisenzio_V-Fiume	275	Max WS	TR200_01h	182.34	130.30	133.13		133.42	0.003425	2.40	80.12	45.72	0.52
Bisenzio	Bisenzio_V-Fiume	275	Max WS	TR200_02h	348.23	130.30	133.95		134.44	0.004157	3.20	118.42	48.35	0.60
Bisenzio	Bisenzio_V-Fiume	275	Max WS	TR200_03h	436.93	130.30	134.31		134.90	0.004372	3.51	136.31	49.52	0.63
Bisenzio	Bisenzio_V-Fiume	275	Max WS	TR200_06h	483.82	130.30	134.49		135.14	0.004448	3.65	145.45	50.11	0.64
Bisenzio	Bisenzio_V-Fiume	275	Max WS	TR200_09h	450.62	130.30	134.37		134.97	0.004392	3.55	139.04	49.70	0.63
Bisenzio	Bisenzio_V-Fiume	275	Max WS	TR200_12h	412.07	130.30	134.21		134.78	0.004313	3.43	131.48	49.21	0.62
Bisenzio	Bisenzio_V-Fiume	274	Max WS	TR30_01h	50.40	130.53	131.95	131.38	132.03	0.002322	1.26	40.00	36.94	0.39
Bisenzio	Bisenzio_V-Fiume	274	Max WS	TR30_02h	127.30	130.53	132.70	131.93	132.87	0.002682	1.82	71.38	50.28	0.45
Bisenzio	Bisenzio_V-Fiume	274	Max WS	TR30_03h	180.21	130.53	133.04	132.23	133.27	0.002894	2.12	88.68	54.10	0.48
Bisenzio	Bisenzio_V-Fiume	274	Max WS	TR30_04h	207.43	130.53	133.19	132.37	133.45	0.002976	2.26	97.21	58.21	0.49
Bisenzio	Bisenzio_V-Fiume	274	Max WS	TR30_06h	231.74	130.53	133.32	132.48	133.60	0.003037	2.37	104.64	58.69	0.50
Bisenzio	Bisenzio_V-Fiume	274	Max WS	TR30_09h	230.48	130.53								

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio_V-Fiume	272	Max WS	TR30_09h	230.48	128.30	132.84		133.03	0.001377	1.96	122.70	55.53	0.35
Bisenzio	Bisenzio_V-Fiume	272	Max WS	TR30_12h	217.95	128.30	132.76		132.94	0.001346	1.91	118.16	55.23	0.34
Bisenzio	Bisenzio_V-Fiume	272	Max WS	TR200_01h	182.32	128.30	132.49		132.65	0.001248	1.75	104.18	34.96	0.32
Bisenzio	Bisenzio_V-Fiume	272	Max WS	TR200_02h	348.23	128.30	133.48		133.76	0.001642	2.41	161.01	62.64	0.39
Bisenzio	Bisenzio_V-Fiume	272	Max WS	TR200_03h	436.92	128.30	133.90		134.24	0.001757	2.67	187.65	63.97	0.41
Bisenzio	Bisenzio_V-Fiume	272	Max WS	TR200_06h	483.79	128.30	134.15		134.51	0.001738	2.76	203.84	64.82	0.41
Bisenzio	Bisenzio_V-Fiume	272	Max WS	TR200_09h	450.67	128.30	133.98		134.33	0.001741	2.69	192.89	64.24	0.41
Bisenzio	Bisenzio_V-Fiume	272	Max WS	TR200_12h	412.12	128.30	133.79		134.12	0.001713	2.60	181.04	63.62	0.40
Bisenzio	Bisenzio_V-Fiume	271.00	Max WS	TR30_01h	50.38	128.40	130.88		131.02	0.002222	1.62	31.19	18.06	0.39
Bisenzio	Bisenzio_V-Fiume	271.00	Max WS	TR30_02h	127.29	128.40	131.77		132.11	0.004136	2.59	50.02	29.19	0.56
Bisenzio	Bisenzio_V-Fiume	271.00	Max WS	TR30_03h	180.21	128.40	132.21		132.66	0.004559	3.00	65.37	44.84	0.60
Bisenzio	Bisenzio_V-Fiume	271.00	Max WS	TR30_04h	207.42	128.40	132.38		132.88	0.004780	3.19	73.20	45.74	0.62
Bisenzio	Bisenzio_V-Fiume	271.00	Max WS	TR30_06h	231.76	128.40	132.52		133.06	0.004931	3.33	79.89	46.26	0.63
Bisenzio	Bisenzio_V-Fiume	271.00	Max WS	TR30_09h	230.52	128.40	132.52		133.05	0.004928	3.32	79.52	46.23	0.63
Bisenzio	Bisenzio_V-Fiume	271.00	Max WS	TR30_12h	217.99	128.40	132.44		132.96	0.004840	3.25	76.20	45.99	0.62
Bisenzio	Bisenzio_V-Fiume	271.00	Max WS	TR200_01h	182.32	128.40	132.22		132.67	0.004599	3.02	65.85	44.90	0.60
Bisenzio	Bisenzio_V-Fiume	271.00	Max WS	TR200_02h	348.22	128.40	133.09		133.80	0.005651	3.90	106.78	48.30	0.69
Bisenzio	Bisenzio_V-Fiume	271.00	Max WS	TR200_03h	436.91	128.40	133.48		134.28	0.005876	4.20	125.96	49.70	0.71
Bisenzio	Bisenzio_V-Fiume	271.00	Max WS	TR200_06h	483.83	128.40	133.72		134.53	0.005736	4.27	137.94	50.74	0.71
Bisenzio	Bisenzio_V-Fiume	271.00	Max WS	TR200_09h	450.76	128.40	133.56		134.36	0.005797	4.21	129.79	50.00	0.71
Bisenzio	Bisenzio_V-Fiume	271.00	Max WS	TR200_12h	412.21	128.40	133.39		134.15	0.005775	4.11	121.15	49.34	0.71
Bisenzio	Bisenzio_V-Fiume	270	Max WS	TR30_01h	50.38	128.60	130.80		130.89	0.001660	1.33	37.85	24.07	0.34
Bisenzio	Bisenzio_V-Fiume	270	Max WS	TR30_02h	127.28	128.60	131.59		131.82	0.003396	2.13	59.86	35.13	0.50
Bisenzio	Bisenzio_V-Fiume	270	Max WS	TR30_03h	180.20	128.60	131.98		132.29	0.003683	2.47	75.74	46.38	0.53
Bisenzio	Bisenzio_V-Fiume	270	Max WS	TR30_04h	207.33	128.60	132.15		132.50	0.003749	2.61	84.15	50.10	0.55
Bisenzio	Bisenzio_V-Fiume	270	Max WS	TR30_06h	231.78	128.60	132.30		132.67	0.003798	2.72	91.67	52.91	0.55
Bisenzio	Bisenzio_V-Fiume	270	Max WS	TR30_09h	230.55	128.60	132.29		132.66	0.003803	2.72	91.22	52.74	0.55
Bisenzio	Bisenzio_V-Fiume	270	Max WS	TR30_12h	218.03	128.60	132.22		132.58	0.003760	2.66	87.55	51.39	0.55
Bisenzio	Bisenzio_V-Fiume	270	Max WS	TR200_01h	182.31	128.60	131.99		132.30	0.003724	2.49	76.11	46.60	0.54
Bisenzio	Bisenzio_V-Fiume	270	Max WS	TR200_02h	348.21	128.60	132.83		133.34	0.004267	3.25	122.64	63.01	0.60
Bisenzio	Bisenzio_V-Fiume	270	Max WS	TR200_03h	436.86	128.60	133.22		133.79	0.004305	3.49	147.60	66.52	0.61
Bisenzio	Bisenzio_V-Fiume	270	Max WS	TR200_06h	483.84	128.60	133.48		134.05	0.004404	3.50	165.39	69.33	0.60
Bisenzio	Bisenzio_V-Fiume	270	Max WS	TR200_09h	450.84	128.60	133.31		133.87	0.004199	3.48	153.42	67.55	0.61
Bisenzio	Bisenzio_V-Fiume	270	Max WS	TR200_12h	412.30	128.60	133.13		133.68	0.004207	3.41	141.65	65.46	0.61
Bisenzio	Bisenzio_V-Fiume	269.1	Max WS	TR30_01h	50.37	129.39	130.76		130.84	0.002189	1.29	39.05	33.12	0.38
Bisenzio	Bisenzio_V-Fiume	269.1	Max WS	TR30_02h	127.28	129.39	131.54		131.73	0.002595	1.91	69.08	45.19	0.45
Bisenzio	Bisenzio_V-Fiume	269.1	Max WS	TR30_03h	180.18	129.39	131.93		132.17	0.002779	2.21	87.79	52.16	0.47
Bisenzio	Bisenzio_V-Fiume	269.1	Max WS	TR30_04h	207.27	129.39	132.10		132.37	0.002843	2.34	97.12	55.08	0.48
Bisenzio	Bisenzio_V-Fiume	269.1	Max WS	TR30_06h	231.77	129.39	132.25		132.54	0.002897	2.44	105.34	57.53	0.49
Bisenzio	Bisenzio_V-Fiume	269.1	Max WS	TR30_09h	230.57	129.39	132.24		132.53	0.002901	2.44	104.85	57.39	0.49
Bisenzio	Bisenzio_V-Fiume	269.1	Max WS	TR30_12h	218.05	129.39	132.17		132.45	0.002860	2.38	100.87	56.21	0.49
Bisenzio	Bisenzio_V-Fiume	269.1	Max WS	TR200_01h	182.31	129.39	131.93		132.18	0.002815	2.23	88.16	52.28	0.48
Bisenzio	Bisenzio_V-Fiume	269.1	Max WS	TR200_02h	348.20	129.39	132.77		133.18	0.003347	2.92	137.86	65.75	0.54
Bisenzio	Bisenzio_V-Fiume	269.1	Max WS	TR200_03h	436.78	129.39	133.17		133.62	0.003332	3.13	164.02	66.62	0.55
Bisenzio	Bisenzio_V-Fiume	269.1	Max WS	TR200_06h	483.86	129.39	133.44		133.89	0.003062	3.13	182.45	67.24	0.53
Bisenzio	Bisenzio_V-Fiume	269.1	Max WS	TR200_09h	450.88	129.39	133.26		133.71	0.003212	3.12	170.23	66.83	0.54
Bisenzio	Bisenzio_V-Fiume	269.1	Max WS	TR200_12h	412.33	129.39	133.08		133.51	0.003277	3.06	158.10	66.43	0.54
Bisenzio	Bisenzio_V-Fiume	269	Max WS	TR30_01h	50.41	129.39	130.75	130.16	130.84	0.002211	1.29	38.95	33.11	0.38
Bisenzio	Bisenzio_V-Fiume	269	Max WS	TR30_02h	127.62	129.39	131.54	130.73	131.72	0.002634	1.93	68.83	45.09	0.45
Bisenzio	Bisenzio_V-Fiume	269	Max WS	TR30_03h	181.22	129.39	131.92	131.04	132.16	0.002851	2.23	87.30	51.99	0.48
Bisenzio	Bisenzio_V-Fiume	269	Max WS	TR30_04h	209.59	129.39	132.08	131.20	132.36	0.002974	2.38	96.25	54.81	0.49
Bisenzio	Bisenzio_V-Fiume	269	Max WS	TR30_06h	235.27	129.39	132.22	131.33	132.53	0.003077	2.50	104.08	57.16	0.51
Bisenzio	Bisenzio_V-Fiume	269	Max WS	TR30_09h	233.85	129.39	132.22	131.33	132.52	0.003072	2.50	103.65	57.04	0.51
Bisenzio	Bisenzio_V-Fiume	269	Max WS	TR30_12h	221.02	129.39	132.15	131.26	132.44	0.003021	2.44	99.76	55.88	0.50
Bisenzio	Bisenzio_V-Fiume	269	Max WS	TR200_01h	182.81	129.39	131.93	131.05	132.18	0.002859	2.24	87.81	52.16	0.48
Bisenzio	Bisenzio_V-Fiume	269	Max WS	TR200_02h	349.88	129.39	132.76	131.89	133.17	0.003431	2.95	137.04	65.72	0.55
Bisenzio	Bisenzio_V-Fiume	269	Max WS	TR200_03h	440.74	129.39	133.15	132.26	133.62	0.003472	3.18	162.62	66.58	0.56
Bisenzio	Bisenzio_V-Fiume	269	Max WS	TR200_06h	490.99	129.39	133.41	132.44	133.88	0.003258	3.22	180.27	67.16	0.55
Bisenzio	Bisenzio_V-Fiume	269	Max WS	TR200_09h	457.22	129.39	133.23	132.32	133.70	0.003414	3.20	168.17	66.76	0.56
Bisenzio	Bisenzio_V-Fiume	269	Max WS	TR200_12h	417.94	129.39	133.05	132.18	133.51	0.003477	3.13	156.20	66.36	0.56
Bisenzio	Bisenzio_V-Fiume	267.5			Inl Struct									
Bisenzio	Bisenzio_V-Fiume	267	Max WS	TR30_01h	50.39	128.00	129.93		130.00	0.001398	1.16	43.41	30.53	0.31
Bisenzio	Bisenzio_V-Fiume	267	Max WS	TR30_02h	127.61	128.00	130.79		130.95	0.002038	1.80	70.85	33.86	0.40
Bisenzio	Bisenzio_V-Fiume	267	Max WS	TR30_03h	181.15	128.00	131.19		131.42	0.002421	2.13	84.95	35.78	0.44
Bisenzio	Bisenzio_V-Fiume	267	Max WS	TR30_04h	209.55	128.00	131.40		131.66	0.002538	2.27	92.46	36.76	0.46
Bisenzio	Bisenzio_V-Fiume	267	Max WS	TR30_06h	235.22	128.00	131.59		131.88	0.002556	2.36	99.81	39.25	0.46
Bisenzio	Bisenzio_V-Fiume	267	Max WS	TR30_09h	233.84	128.00	131.59		131.87	0.002552	2.35	99.48	38.91	0.46
Bisenzio	Bisenzio_V-Fiume	267	Max WS	TR30_12h	221.01	128.00	131.49		131.76	0.002540	2.30	95.91	37.20	0.46
Bisenzio	Bisenzio_V-Fiume	267	Max WS	TR200_01h	182.57	128.00	131.20		131.43	0.002436	2.14	85.23	35.82	0.44
Bisenzio	Bisenzio_V-Fiume	267	Max WS	TR200_02h	349.88	128.00	132.36		132.72	0.002441	2.67	139.40	59.59	0.47
Bisenzio	Bisenzio_V-Fiume	267	Max WS	TR200_03h	440.54	128.00	132.96		133.33	0.002179	2.76	177.57	66.19	0.45
Bisenzio	Bisenzio_V-Fiume	267	Max WS	TR200_06h	490.96	128.00	133.61		133.68	0.001980	2.76	201.11	66.97	0.44
Bisenzio	Bisenzio_V-Fiume	267	Max WS	TR200_09h	457.19	128.00	133.10		133.46	0.002071	2.75	186.75	66.49	0.44
Bisenzio	Bisenzio_V-Fiume	267	Max WS	TR200_12h	417.93	128.00	132.83		133.20	0.002209	2.73	169.13	65.93	0.45
Bisenzio	Bisenzio_V-Fiume	266	Max WS	TR30_01h	50.37	127.70	129.55		129.77	0.002235	2.08	24.16	24.45	0.67
Bisenzio	Bisenzio_V-Fiume	266	Max WS	TR30_02h	127.51	127.70	130.47		130.74	0.005393	2.30	56.02	47.03	0.62
Bisenzio	Bisenzio_V-Fiume	266	Max WS	TR30_03h	181.10	127.70	130.93		131.22	0.004073	2.40	80.76	57.68	0.56
Bisenzio	Bisenzio_V-Fiume	266	Max WS	TR30_04h	209.52	127.70	131.17		131.46	0.003533	2.42	94.77	59.28	0.53
Bisenzio	Bisenzio_V-Fiume	266	Max WS	TR30_06h	235.22	127.70	131.39		131.68	0.003094	2.42	108.08	60.44	0.51
Bisenzio	Bisenzio_V-Fiume	266	Max WS	TR30_09h	233.87	127.70	131.38		131.67	0.003103	2.42	107.52	60.39	0.51
Bisenzio	Bisenzio_V-Fiume	266	Max WS											

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio_V-Fiume	265	Max WS	TR30_12h	221.13	126.91	130.99		131.28	0.002438	2.45	100.16	41.70	0.46
Bisenzio	Bisenzio_V-Fiume	265	Max WS	TR200_01h	182.21	126.91	130.61		130.88	0.002636	2.36	84.85	40.38	0.47
Bisenzio	Bisenzio_V-Fiume	265	Max WS	TR200_02h	349.56	126.91	131.92		132.30	0.002331	2.83	140.36	43.91	0.46
Bisenzio	Bisenzio_V-Fiume	265	Max WS	TR200_03h	440.57	126.91	132.55		132.96	0.002216	3.01	168.02	45.08	0.45
Bisenzio	Bisenzio_V-Fiume	265	Max WS	TR200_06h	491.05	126.91	132.91		133.34	0.002104	3.06	184.67	45.78	0.44
Bisenzio	Bisenzio_V-Fiume	265	Max WS	TR200_09h	457.42	126.91	132.69		133.11	0.002137	3.01	174.74	45.36	0.45
Bisenzio	Bisenzio_V-Fiume	265	Max WS	TR200_12h	418.17	126.91	132.43		132.82	0.002191	2.94	162.64	44.86	0.45
Bisenzio	Bisenzio_V-Fiume	264	Max WS	TR30_01h	50.27	127.13	128.68		128.87	0.004810	1.93	26.02	21.27	0.56
Bisenzio	Bisenzio_V-Fiume	264	Max WS	TR30_02h	127.34	127.13	129.79		130.03	0.003256	2.22	64.52	44.46	0.50
Bisenzio	Bisenzio_V-Fiume	264	Max WS	TR30_03h	181.02	127.13	130.39		130.63	0.002498	2.31	92.72	49.36	0.46
Bisenzio	Bisenzio_V-Fiume	264	Max WS	TR30_04h	209.51	127.13	130.68		130.93	0.002248	2.35	107.09	50.32	0.44
Bisenzio	Bisenzio_V-Fiume	264	Max WS	TR30_06h	235.26	127.13	130.93		131.18	0.002064	2.38	119.92	51.17	0.43
Bisenzio	Bisenzio_V-Fiume	264	Max WS	TR30_09h	233.97	127.13	130.92		131.17	0.002063	2.37	119.47	51.14	0.43
Bisenzio	Bisenzio_V-Fiume	264	Max WS	TR30_12h	221.20	127.13	130.80		131.05	0.002129	2.35	113.51	50.75	0.43
Bisenzio	Bisenzio_V-Fiume	264	Max WS	TR200_01h	182.16	127.13	130.40		130.64	0.002497	2.31	93.15	49.39	0.46
Bisenzio	Bisenzio_V-Fiume	264	Max WS	TR200_02h	349.53	127.13	131.77		132.08	0.001859	2.64	164.38	53.91	0.42
Bisenzio	Bisenzio_V-Fiume	264	Max WS	TR200_03h	440.57	127.13	132.42		132.75	0.001686	2.78	199.57	55.34	0.41
Bisenzio	Bisenzio_V-Fiume	264	Max WS	TR200_06h	491.10	127.13	132.80		133.13	0.001561	2.82	220.83	56.19	0.40
Bisenzio	Bisenzio_V-Fiume	264	Max WS	TR200_09h	457.54	127.13	132.57		132.90	0.001606	2.78	208.28	55.69	0.40
Bisenzio	Bisenzio_V-Fiume	264	Max WS	TR200_12h	418.29	127.13	132.30		132.61	0.001677	2.73	192.92	55.07	0.41
Bisenzio	Bisenzio_V-Fiume	262	Max WS	TR30_01h	50.16	125.86	127.86		128.06	0.004130	1.95	25.68	17.94	0.52
Bisenzio	Bisenzio_V-Fiume	262	Max WS	TR30_02h	127.30	125.86	128.95		129.33	0.004580	2.71	46.92	21.08	0.58
Bisenzio	Bisenzio_V-Fiume	262	Max WS	TR30_03h	181.03	125.86	129.50		129.98	0.004860	3.08	58.83	22.65	0.61
Bisenzio	Bisenzio_V-Fiume	262	Max WS	TR30_04h	209.52	125.86	129.77		130.30	0.004891	3.22	65.10	23.43	0.62
Bisenzio	Bisenzio_V-Fiume	262	Max WS	TR30_06h	235.72	125.86	130.01		130.58	0.004875	3.33	70.87	24.13	0.62
Bisenzio	Bisenzio_V-Fiume	262	Max WS	TR30_09h	234.55	125.86	130.01		130.57	0.004856	3.32	70.72	24.12	0.62
Bisenzio	Bisenzio_V-Fiume	262	Max WS	TR30_12h	221.81	125.86	129.90		130.44	0.004814	3.25	68.17	23.81	0.61
Bisenzio	Bisenzio_V-Fiume	262	Max WS	TR200_01h	182.08	125.86	129.50		129.99	0.004894	3.09	58.93	22.66	0.61
Bisenzio	Bisenzio_V-Fiume	262	Max WS	TR200_02h	349.53	125.86	130.83		131.57	0.005251	3.82	91.53	26.49	0.66
Bisenzio	Bisenzio_V-Fiume	262	Max WS	TR200_03h	440.60	125.86	131.48		132.31	0.005096	4.03	109.41	28.37	0.65
Bisenzio	Bisenzio_V-Fiume	262	Max WS	TR200_06h	492.03	125.86	131.88		132.72	0.004835	4.07	120.84	29.51	0.64
Bisenzio	Bisenzio_V-Fiume	262	Max WS	TR200_09h	458.70	125.86	131.65		132.47	0.004897	4.01	114.29	28.86	0.64
Bisenzio	Bisenzio_V-Fiume	262	Max WS	TR200_12h	419.35	125.86	131.38		132.17	0.004978	3.94	106.45	28.07	0.65
Bisenzio	Bisenzio_V-Fiume	261	Max WS	TR30_01h	50.14	125.44	127.73		127.88	0.003079	1.72	29.11	20.00	0.46
Bisenzio	Bisenzio_V-Fiume	261	Max WS	TR30_02h	127.29	125.44	128.82		129.09	0.003636	2.32	54.92	26.79	0.52
Bisenzio	Bisenzio_V-Fiume	261	Max WS	TR30_03h	181.03	125.44	129.37		129.71	0.003515	2.59	69.80	27.42	0.52
Bisenzio	Bisenzio_V-Fiume	261	Max WS	TR30_04h	209.45	125.44	129.64		130.02	0.003433	2.71	77.41	27.74	0.52
Bisenzio	Bisenzio_V-Fiume	261	Max WS	TR30_06h	235.70	125.44	129.89		130.29	0.003358	2.80	84.30	28.02	0.51
Bisenzio	Bisenzio_V-Fiume	261	Max WS	TR30_09h	234.54	125.44	129.89		130.28	0.003342	2.79	84.16	28.01	0.51
Bisenzio	Bisenzio_V-Fiume	261	Max WS	TR30_12h	221.82	125.44	129.78		130.16	0.003330	2.73	81.21	27.89	0.51
Bisenzio	Bisenzio_V-Fiume	261	Max WS	TR200_01h	182.07	125.44	129.37		129.72	0.003543	2.63	69.88	27.42	0.52
Bisenzio	Bisenzio_V-Fiume	261	Max WS	TR200_02h	349.53	125.44	130.69		131.23	0.003620	3.27	106.97	28.93	0.54
Bisenzio	Bisenzio_V-Fiume	261	Max WS	TR200_03h	440.48	125.44	131.35		131.97	0.003521	3.49	126.29	29.68	0.54
Bisenzio	Bisenzio_V-Fiume	261	Max WS	TR200_06h	492.04	125.44	131.76		132.40	0.003350	3.55	138.57	30.15	0.53
Bisenzio	Bisenzio_V-Fiume	261	Max WS	TR200_09h	458.73	125.44	131.53		132.15	0.003373	3.48	131.76	29.89	0.53
Bisenzio	Bisenzio_V-Fiume	261	Max WS	TR200_12h	419.38	125.44	131.25		131.84	0.003413	3.40	123.45	29.57	0.53
Bisenzio	Bisenzio_V-Fiume	260	Max WS	TR30_01h	50.13	125.52	127.65		127.79	0.002781	1.67	30.07	20.34	0.44
Bisenzio	Bisenzio_V-Fiume	260	Max WS	TR30_02h	127.41	125.52	128.71		128.99	0.003505	2.31	55.11	26.38	0.51
Bisenzio	Bisenzio_V-Fiume	260	Max WS	TR30_03h	181.57	125.52	129.26		129.61	0.003451	2.61	69.59	26.72	0.52
Bisenzio	Bisenzio_V-Fiume	260	Max WS	TR30_04h	211.14	125.52	129.52		129.91	0.003458	2.75	76.73	26.88	0.52
Bisenzio	Bisenzio_V-Fiume	260	Max WS	TR30_06h	239.06	125.52	129.76		130.18	0.003487	2.88	83.00	27.02	0.52
Bisenzio	Bisenzio_V-Fiume	260	Max WS	TR30_09h	238.08	125.52	129.75		130.17	0.003480	2.87	82.84	27.02	0.52
Bisenzio	Bisenzio_V-Fiume	260	Max WS	TR30_12h	225.22	125.52	129.65		130.05	0.003457	2.81	80.05	26.96	0.52
Bisenzio	Bisenzio_V-Fiume	260	Max WS	TR200_01h	182.24	125.52	129.26		129.61	0.003454	2.61	69.74	26.72	0.52
Bisenzio	Bisenzio_V-Fiume	260	Max WS	TR200_02h	350.45	125.52	130.15		131.12	0.003721	3.35	104.64	27.51	0.55
Bisenzio	Bisenzio_V-Fiume	260	Max WS	TR200_03h	443.47	125.52	131.19		131.86	0.003745	3.63	122.31	27.91	0.55
Bisenzio	Bisenzio_V-Fiume	260	Max WS	TR200_06h	499.39	125.52	131.57		132.29	0.003709	3.76	132.98	28.14	0.55
Bisenzio	Bisenzio_V-Fiume	260	Max WS	TR200_09h	465.81	125.52	131.35		132.04	0.003719	3.68	126.74	28.00	0.55
Bisenzio	Bisenzio_V-Fiume	260	Max WS	TR200_12h	425.86	125.52	131.07		131.73	0.003733	3.57	119.13	27.84	0.55
Bisenzio	Bisenzio_V-Fiume	259	Max WS	TR30_01h	50.11	125.05	127.52	126.81	127.72	0.004397	2.01	24.96	16.69	0.52
Bisenzio	Bisenzio_V-Fiume	259	Max WS	TR30_02h	127.41	125.05	128.43	127.83	128.94	0.005882	3.18	40.04	16.69	0.65
Bisenzio	Bisenzio_V-Fiume	259	Max WS	TR30_03h	181.57	125.05	128.92	128.32	129.64	0.006459	3.77	48.15	16.69	0.71
Bisenzio	Bisenzio_V-Fiume	259	Max WS	TR30_04h	211.17	125.05	129.17	128.56	130.00	0.006639	4.04	52.28	16.69	0.73
Bisenzio	Bisenzio_V-Fiume	259	Max WS	TR30_06h	239.32	125.05	129.39	128.78	130.32	0.006783	4.27	56.00	16.69	0.74
Bisenzio	Bisenzio_V-Fiume	259	Max WS	TR30_09h	238.43	125.05	129.38	128.78	130.31	0.006777	4.27	55.89	16.69	0.74
Bisenzio	Bisenzio_V-Fiume	259	Max WS	TR30_12h	225.58	125.05	129.28	128.67	130.16	0.006709	4.16	54.22	16.69	0.73
Bisenzio	Bisenzio_V-Fiume	259	Max WS	TR200_01h	182.24	125.05	128.92	128.32	129.65	0.006468	3.78	48.24	16.69	0.71
Bisenzio	Bisenzio_V-Fiume	259	Max WS	TR200_02h	350.45	125.05	130.20	129.59	131.50	0.007114	5.05	69.40	16.69	0.79
Bisenzio	Bisenzio_V-Fiume	259	Max WS	TR200_03h	443.50	125.05	130.82	130.19	132.40	0.007167	5.56	79.75	16.69	0.81
Bisenzio	Bisenzio_V-Fiume	259	Max WS	TR200_06h	499.95	125.05	131.17	130.54	132.91	0.007229	5.85	85.48	16.69	0.82
Bisenzio	Bisenzio_V-Fiume	259	Max WS	TR200_09h	466.49	125.05	130.97	130.34	132.61	0.007187	5.68	82.14	16.69	0.81
Bisenzio	Bisenzio_V-Fiume	259	Max WS	TR200_12h	426.51	125.05	130.72	130.09	132.24	0.007124	5.46	78.05	16.69	0.80
Bisenzio	Bisenzio_V-Fiume	257	Max WS	TR30_01h	50.10	125.23	127.49	126.53	127.64	0.002963	1.70	29.49	19.00	0.44
Bisenzio	Bisenzio_V-Fiume	257	Max WS	TR30_02h	127.40	125.23	128.37	127.60	128.76	0.004532	2.76	46.20	19.01	0.56
Bisenzio	Bisenzio_V-Fiume	257	Max WS	TR30_03h	181.57	125.23	128.83	128.04	129.38	0.005331	3.31	54.88	19.01	0.62
Bisenzio	Bisenzio_V-Fiume	257	Max WS	TR30_04h	211.17	125.23	129.06	128.27	129.70	0.005653	3.56	59.27	19.01	0.64
Bisenzio	Bisenzio_V-Fiume	257	Max WS	TR30_06h	239.33	125.23	129.26	128.46	129.99	0.005939	3.79	63.19	19.01	0.66
Bisenzio	Bisenzio_V-Fiume	257	Max WS	TR30_09h	238.43	125.23	129.26	128.46	129.99	0.005927	3.78	63.08	19.01	0.66
Bisenzio	Bisenzio_V-Fiume	257	Max WS	TR30_12h	225.59	125.23	129.17	128.37	128.86	0.005797	3.68	61.33	19.01	0.65
Bisenzio	Bisenzio_V-Fiume	257	Max WS	TR200_01h	182.23	125.23	128.83	128.05	129.39	0.005343	3.32	54.96	19.01</	

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio_V-Fiume	256	Max WS	TR200_01h	182.20	125.76	128.73		129.00	0.003246	2.31	78.78	35.92	0.50
Bisenzio	Bisenzio_V-Fiume	256	Max WS	TR200_02h	350.43	125.76	129.80		130.24	0.003467	2.95	118.70	37.55	0.53
Bisenzio	Bisenzio_V-Fiume	256	Max WS	TR200_03h	443.47	125.76	130.27		130.81	0.003593	3.25	136.46	37.55	0.54
Bisenzio	Bisenzio_V-Fiume	256	Max WS	TR200_06h	499.91	125.76	130.54		131.13	0.003656	3.41	146.62	37.56	0.55
Bisenzio	Bisenzio_V-Fiume	256	Max WS	TR200_09h	466.54	125.76	130.38		130.94	0.003610	3.31	140.79	37.56	0.55
Bisenzio	Bisenzio_V-Fiume	256	Max WS	TR200_12h	426.56	125.76	130.19		130.71	0.003556	3.19	133.55	37.55	0.54
Bisenzio	Bisenzio_V-Fiume	255	Max WS	TR30_01h	50.07	125.25	127.06		127.29	0.006820	2.11	23.78	22.59	0.66
Bisenzio	Bisenzio_V-Fiume	255	Max WS	TR30_02h	127.37	125.25	127.95		128.29	0.005936	2.57	49.51	30.88	0.65
Bisenzio	Bisenzio_V-Fiume	255	Max WS	TR30_03h	181.56	125.25	128.39		128.81	0.005666	2.86	63.48	32.17	0.65
Bisenzio	Bisenzio_V-Fiume	255	Max WS	TR30_04h	211.16	125.25	128.60		129.06	0.005624	3.00	70.36	32.79	0.65
Bisenzio	Bisenzio_V-Fiume	255	Max WS	TR30_06h	239.35	125.25	128.79		129.29	0.005597	3.12	76.64	33.35	0.66
Bisenzio	Bisenzio_V-Fiume	255	Max WS	TR30_09h	238.48	125.25	128.79		129.29	0.005592	3.12	76.47	33.33	0.66
Bisenzio	Bisenzio_V-Fiume	255	Max WS	TR30_12h	225.66	125.25	128.71		129.18	0.005593	3.06	73.69	33.09	0.66
Bisenzio	Bisenzio_V-Fiume	255	Max WS	TR200_01h	182.19	125.25	128.40		128.81	0.005671	2.86	63.60	32.18	0.65
Bisenzio	Bisenzio_V-Fiume	255	Max WS	TR200_02h	350.43	125.25	129.43		130.08	0.005685	3.55	98.58	35.15	0.68
Bisenzio	Bisenzio_V-Fiume	255	Max WS	TR200_03h	443.39	125.25	129.90		130.66	0.005704	3.85	115.13	36.03	0.69
Bisenzio	Bisenzio_V-Fiume	255	Max WS	TR200_06h	499.94	125.25	130.16		130.98	0.005659	4.01	124.69	36.05	0.69
Bisenzio	Bisenzio_V-Fiume	255	Max WS	TR200_09h	466.64	125.25	130.01		130.79	0.005670	3.91	119.21	36.04	0.69
Bisenzio	Bisenzio_V-Fiume	255	Max WS	TR200_12h	426.64	125.25	129.82		130.56	0.005675	3.80	112.40	35.89	0.68
Bisenzio	Bisenzio_V-Fiume	254	Max WS	TR30_01h	50.04	123.78	126.44		126.57	0.003051	1.59	31.47	23.68	0.44
Bisenzio	Bisenzio_V-Fiume	254	Max WS	TR30_02h	127.32	123.78	127.33		127.60	0.004128	2.29	55.61	30.56	0.54
Bisenzio	Bisenzio_V-Fiume	254	Max WS	TR30_03h	181.54	123.78	127.79		128.13	0.004240	2.58	70.30	32.71	0.56
Bisenzio	Bisenzio_V-Fiume	254	Max WS	TR30_04h	211.15	123.78	128.00		128.38	0.004278	2.73	77.30	33.07	0.57
Bisenzio	Bisenzio_V-Fiume	254	Max WS	TR30_06h	239.38	123.78	128.19		128.61	0.004304	2.86	83.70	33.37	0.58
Bisenzio	Bisenzio_V-Fiume	254	Max WS	TR30_09h	238.56	123.78	128.19		128.61	0.004295	2.85	83.57	33.36	0.58
Bisenzio	Bisenzio_V-Fiume	254	Max WS	TR30_12h	225.77	123.78	128.11		128.50	0.004271	2.80	80.77	33.23	0.57
Bisenzio	Bisenzio_V-Fiume	254	Max WS	TR200_01h	182.12	123.78	127.79		128.13	0.004245	2.59	70.42	32.72	0.56
Bisenzio	Bisenzio_V-Fiume	254	Max WS	TR200_02h	350.34	123.78	128.83		129.40	0.004575	3.33	105.29	34.37	0.61
Bisenzio	Bisenzio_V-Fiume	254	Max WS	TR200_03h	443.36	123.78	129.29		129.97	0.004784	3.66	121.27	35.09	0.63
Bisenzio	Bisenzio_V-Fiume	254	Max WS	TR200_06h	499.86	123.78	129.56		130.30	0.004850	3.83	130.66	35.97	0.64
Bisenzio	Bisenzio_V-Fiume	254	Max WS	TR200_09h	466.84	123.78	129.41		130.11	0.004808	3.73	125.30	35.27	0.63
Bisenzio	Bisenzio_V-Fiume	254	Max WS	TR200_12h	426.82	123.78	129.22		129.88	0.004721	3.59	118.76	34.98	0.62
Bisenzio	Bisenzio_V-Fiume	253	Max WS	TR30_01h	50.03	124.61	126.08		126.25	0.005025	1.81	27.58	26.05	0.56
Bisenzio	Bisenzio_V-Fiume	253	Max WS	TR30_02h	127.28	124.61	126.91		127.23	0.005236	2.48	51.29	31.04	0.62
Bisenzio	Bisenzio_V-Fiume	253	Max WS	TR30_03h	181.54	124.61	127.38		127.76	0.005016	2.73	66.40	33.52	0.62
Bisenzio	Bisenzio_V-Fiume	253	Max WS	TR30_04h	211.22	124.61	127.60		128.01	0.005040	2.87	73.65	34.68	0.63
Bisenzio	Bisenzio_V-Fiume	253	Max WS	TR30_06h	239.73	124.61	127.79		128.24	0.005029	2.98	80.49	35.71	0.63
Bisenzio	Bisenzio_V-Fiume	253	Max WS	TR30_09h	239.00	124.61	127.79		128.24	0.005027	2.97	80.34	35.69	0.63
Bisenzio	Bisenzio_V-Fiume	253	Max WS	TR30_12h	226.23	124.61	127.70		128.14	0.005024	2.92	77.35	35.25	0.63
Bisenzio	Bisenzio_V-Fiume	253	Max WS	TR200_01h	182.08	124.61	127.39		127.77	0.005023	2.74	66.51	33.54	0.62
Bisenzio	Bisenzio_V-Fiume	253	Max WS	TR200_02h	350.33	124.61	128.44		129.01	0.004918	3.36	104.36	37.75	0.64
Bisenzio	Bisenzio_V-Fiume	253	Max WS	TR200_03h	443.47	124.61	128.90		129.57	0.004957	3.64	121.98	39.18	0.66
Bisenzio	Bisenzio_V-Fiume	253	Max WS	TR200_06h	500.56	124.61	129.16		129.89	0.004956	3.78	132.43	40.01	0.66
Bisenzio	Bisenzio_V-Fiume	253	Max WS	TR200_09h	467.84	124.61	129.01		129.71	0.004966	3.70	126.41	39.54	0.66
Bisenzio	Bisenzio_V-Fiume	253	Max WS	TR200_12h	427.72	124.61	128.83		129.48	0.004932	3.59	119.24	38.96	0.65
Bisenzio	Bisenzio_V-Fiume	252	Max WS	TR30_01h	49.99	124.19	125.36		125.54	0.006479	1.86	26.83	29.85	0.63
Bisenzio	Bisenzio_V-Fiume	252	Max WS	TR30_02h	127.19	124.19	126.34		126.58	0.004059	2.17	58.57	36.11	0.54
Bisenzio	Bisenzio_V-Fiume	252	Max WS	TR30_03h	181.50	124.19	126.88		127.14	0.003547	2.24	80.96	42.84	0.52
Bisenzio	Bisenzio_V-Fiume	252	Max WS	TR30_04h	211.19	124.19	127.11		127.38	0.003358	2.32	90.90	43.66	0.51
Bisenzio	Bisenzio_V-Fiume	252	Max WS	TR30_06h	239.75	124.19	127.32		127.61	0.003232	2.40	99.97	44.39	0.51
Bisenzio	Bisenzio_V-Fiume	252	Max WS	TR30_09h	239.07	124.19	127.31		127.60	0.003231	2.40	99.80	44.38	0.51
Bisenzio	Bisenzio_V-Fiume	252	Max WS	TR30_12h	226.34	124.19	127.22		127.51	0.003272	2.36	95.90	44.07	0.51
Bisenzio	Bisenzio_V-Fiume	252	Max WS	TR200_01h	181.92	124.19	126.88		127.14	0.003546	2.24	81.09	42.85	0.52
Bisenzio	Bisenzio_V-Fiume	252	Max WS	TR200_02h	350.26	124.19	128.00		128.36	0.003164	2.66	131.64	49.09	0.52
Bisenzio	Bisenzio_V-Fiume	252	Max WS	TR200_03h	442.19	124.19	128.43		128.85	0.003217	2.88	157.54	91.83	0.53
Bisenzio	Bisenzio_V-Fiume	252	Max WS	TR200_06h	500.35	124.19	128.72		129.15	0.002953	2.92	185.96	98.67	0.51
Bisenzio	Bisenzio_V-Fiume	252	Max WS	TR200_09h	466.53	124.19	128.55		128.98	0.003111	2.90	169.33	96.96	0.52
Bisenzio	Bisenzio_V-Fiume	252	Max WS	TR200_12h	427.22	124.19	128.37		128.78	0.003229	2.84	151.90	85.43	0.53
Bisenzio	Bisenzio_V-Fiume	251	Max WS	TR30_01h	49.94	123.00	124.91		125.05	0.002634	1.63	30.68	20.69	0.43
Bisenzio	Bisenzio_V-Fiume	251	Max WS	TR30_02h	127.16	123.00	125.91		126.20	0.003538	2.36	53.78	25.59	0.52
Bisenzio	Bisenzio_V-Fiume	251	Max WS	TR30_03h	181.48	123.00	126.41		126.78	0.003937	2.70	67.36	32.93	0.56
Bisenzio	Bisenzio_V-Fiume	251	Max WS	TR30_04h	211.17	123.00	126.64		127.05	0.004042	2.85	76.20	40.49	0.57
Bisenzio	Bisenzio_V-Fiume	251	Max WS	TR30_06h	239.76	123.00	126.84		127.28	0.004047	2.98	84.25	41.02	0.58
Bisenzio	Bisenzio_V-Fiume	251	Max WS	TR30_09h	239.12	123.00	126.83		127.28	0.004043	2.98	84.11	41.01	0.58
Bisenzio	Bisenzio_V-Fiume	251	Max WS	TR30_12h	226.43	123.00	126.75		127.18	0.004025	2.92	80.71	40.79	0.57
Bisenzio	Bisenzio_V-Fiume	251	Max WS	TR200_01h	181.86	123.00	126.42		126.79	0.003944	2.70	67.44	33.21	0.56
Bisenzio	Bisenzio_V-Fiume	251	Max WS	TR200_02h	350.21	123.00	127.50		128.07	0.004076	3.40	112.47	45.19	0.60
Bisenzio	Bisenzio_V-Fiume	251	Max WS	TR200_03h	441.87	123.00	127.98		128.61	0.003943	3.63	140.73	58.41	0.60
Bisenzio	Bisenzio_V-Fiume	251	Max WS	TR200_06h	500.23	123.00	128.25		128.92	0.003858	3.76	156.55	58.83	0.60
Bisenzio	Bisenzio_V-Fiume	251	Max WS	TR200_09h	466.45	123.00	128.09		128.74	0.003899	3.69	147.59	58.56	0.60
Bisenzio	Bisenzio_V-Fiume	251	Max WS	TR200_12h	427.49	123.00	127.91		128.53	0.003948	3.59	136.95	58.32	0.60
Bisenzio	Bisenzio_V-Fiume	250.8												
Bisenzio	Bisenzio_V-Fiume	250.8		Lat Struct										
Bisenzio	Bisenzio_V-Fiume	250.50	Max WS	TR30_01h	49.92	122.51	124.74		124.86	0.002470	1.57	31.76	21.20	0.41
Bisenzio	Bisenzio_V-Fiume	250.50	Max WS	TR30_02h	127.15	122.51	125.66		125.93	0.003620	2.32	54.82	27.11	0.52
Bisenzio	Bisenzio_V-Fiume	250.50	Max WS	TR30_03h	181.46	122.51	126.13		126.48	0.003994	2.65	71.41	45.27	0.56
Bisenzio	Bisenzio_V-Fiume	250.50	Max WS	TR30_04h	211.16	122.51	126.35		126.74	0.004011	2.76	81.84	47.11	0.57
Bisenzio	Bisenzio_V-Fiume	250.50	Max WS	TR30_06h	239.76	122.51	126.56		126.96	0.003904	2.85	91.87	49.99	0.56
Bisenzio	Bisenzio_V-Fiume	250.50	Max WS	TR30_09h	239.16	122.51	126.56		126.96	0.003903	2.85	91.70	49.94	0.56
Bisenzio	Bisenzio_V-Fiume	250.50	Max WS	TR30_12h	226.49	122.51	126.47		126.86	0.003967	2.80	87.41	48.49	0.57
Bisenzio	Bisenzio_V-Fiume	250.50	Max WS	TR200_01h	181.82	122.51	126.13		126.49	0.003998	2.65	71.51	45.28	0.56
Bisenzio	Bisenzio_V-Fiume	250.50	Max WS	TR200_02h	350.18	122.51	127.26		127					

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio_V-Fiume	250	Max WS	TR200_02h	350.18	122.14	126.86		127.50	0.004010	3.59	105.06	34.83	0.60
Bisenzio	Bisenzio_V-Fiume	250	Max WS	TR200_03h	442.52	122.14	127.29		128.08	0.004337	4.01	120.28	35.95	0.63
Bisenzio	Bisenzio_V-Fiume	250	Max WS	TR200_06h	502.12	122.14	127.55		128.44	0.004482	4.25	129.78	36.34	0.65
Bisenzio	Bisenzio_V-Fiume	250	Max WS	TR200_09h	468.02	122.14	127.41		128.24	0.004397	4.12	124.44	36.14	0.64
Bisenzio	Bisenzio_V-Fiume	250	Max WS	TR200_12h	428.40	122.14	127.23		128.00	0.004281	3.95	118.12	35.79	0.63
Bisenzio	Bisenzio_V-Fiume	249.2			Lat Struct									
Bisenzio	Bisenzio_V-Fiume	249	Max WS	TR30_01h	49.90	121.85	124.53		124.62	0.001397	1.28	38.88	21.80	0.31
Bisenzio	Bisenzio_V-Fiume	249	Max WS	TR30_02h	127.14	121.85	125.29		125.56	0.002868	2.28	56.54	25.68	0.46
Bisenzio	Bisenzio_V-Fiume	249	Max WS	TR30_03h	181.45	121.85	125.70		126.08	0.003427	2.75	71.12	45.90	0.52
Bisenzio	Bisenzio_V-Fiume	249	Max WS	TR30_04h	211.15	121.85	125.89		126.33	0.003634	2.96	80.21	48.39	0.54
Bisenzio	Bisenzio_V-Fiume	249	Max WS	TR30_06h	239.79	121.85	126.07		126.55	0.003784	3.13	89.10	51.96	0.55
Bisenzio	Bisenzio_V-Fiume	249	Max WS	TR30_09h	239.23	121.85	126.07		126.54	0.003779	3.13	88.96	51.96	0.55
Bisenzio	Bisenzio_V-Fiume	249	Max WS	TR30_12h	226.59	121.85	125.99		126.45	0.003717	3.06	85.14	51.94	0.55
Bisenzio	Bisenzio_V-Fiume	249	Max WS	TR200_01h	181.77	121.85	125.70		126.09	0.003431	2.76	71.21	45.93	0.52
Bisenzio	Bisenzio_V-Fiume	249	Max WS	TR200_02h	349.99	121.85	126.67		127.27	0.004037	3.62	120.18	52.09	0.59
Bisenzio	Bisenzio_V-Fiume	249	Max WS	TR200_03h	442.12	121.85	127.10		127.79	0.004144	3.93	142.83	52.19	0.61
Bisenzio	Bisenzio_V-Fiume	249	Max WS	TR200_06h	502.12	121.85	127.36		128.10	0.004181	4.11	156.63	52.25	0.61
Bisenzio	Bisenzio_V-Fiume	249	Max WS	TR200_09h	467.69	121.85	127.22		127.93	0.004150	4.01	148.95	52.22	0.61
Bisenzio	Bisenzio_V-Fiume	249	Max WS	TR200_12h	428.14	121.85	127.04		127.71	0.004119	3.89	139.68	52.18	0.60
Bisenzio	Bisenzio_V-Fiume	248	Max WS	TR30_01h	49.88	122.75	124.36		124.43	0.001725	1.18	42.35	33.20	0.33
Bisenzio	Bisenzio_V-Fiume	248	Max WS	TR30_02h	127.12	122.75	124.99		125.19	0.003046	2.01	63.38	34.31	0.47
Bisenzio	Bisenzio_V-Fiume	248	Max WS	TR30_03h	181.44	122.75	125.33		125.63	0.003560	2.42	75.41	36.07	0.52
Bisenzio	Bisenzio_V-Fiume	248	Max WS	TR30_04h	211.15	122.75	125.51		125.85	0.003717	2.60	82.21	40.78	0.54
Bisenzio	Bisenzio_V-Fiume	248	Max WS	TR30_06h	239.81	122.75	125.67		126.06	0.003840	2.76	89.00	43.42	0.55
Bisenzio	Bisenzio_V-Fiume	248	Max WS	TR30_09h	239.29	122.75	125.67		126.05	0.003836	2.76	88.89	43.40	0.55
Bisenzio	Bisenzio_V-Fiume	248	Max WS	TR30_12h	226.69	122.75	125.60		125.97	0.003782	2.69	85.93	42.73	0.55
Bisenzio	Bisenzio_V-Fiume	248	Max WS	TR200_01h	181.75	122.75	125.33		125.63	0.003562	2.42	75.47	36.10	0.52
Bisenzio	Bisenzio_V-Fiume	248	Max WS	TR200_02h	349.60	122.75	126.22		126.75	0.004131	3.26	113.68	45.64	0.59
Bisenzio	Bisenzio_V-Fiume	248	Max WS	TR200_03h	440.70	122.75	126.62		127.26	0.004243	3.59	132.31	46.14	0.61
Bisenzio	Bisenzio_V-Fiume	248	Max WS	TR200_06h	500.06	122.75	126.88		127.57	0.004269	3.77	143.97	46.40	0.62
Bisenzio	Bisenzio_V-Fiume	248	Max WS	TR200_09h	466.24	122.75	126.74		127.40	0.004246	3.67	137.49	46.26	0.62
Bisenzio	Bisenzio_V-Fiume	248	Max WS	TR200_12h	427.11	122.75	126.57		127.19	0.004218	3.54	129.74	46.08	0.61
Bisenzio	Bisenzio_V-Fiume	247	Max WS	TR30_01h	49.88	123.00	124.28	123.70	124.33	0.001436	0.95	52.70	51.68	0.30
Bisenzio	Bisenzio_V-Fiume	247	Max WS	TR30_02h	127.12	123.00	124.89	124.12	125.00	0.002015	1.51	84.44	53.56	0.38
Bisenzio	Bisenzio_V-Fiume	247	Max WS	TR30_03h	181.44	123.00	125.23	124.34	125.39	0.002173	1.78	102.86	54.07	0.41
Bisenzio	Bisenzio_V-Fiume	247	Max WS	TR30_04h	211.15	123.00	125.40	124.46	125.58	0.002227	1.90	112.13	54.24	0.42
Bisenzio	Bisenzio_V-Fiume	247	Max WS	TR30_06h	239.82	123.00	125.56	124.57	125.76	0.002267	2.01	120.71	54.39	0.42
Bisenzio	Bisenzio_V-Fiume	247	Max WS	TR30_09h	239.32	123.00	125.55	124.57	125.76	0.002266	2.00	120.56	54.38	0.42
Bisenzio	Bisenzio_V-Fiume	247	Max WS	TR30_12h	226.74	123.00	125.49	124.52	125.68	0.002250	1.96	116.85	54.32	0.42
Bisenzio	Bisenzio_V-Fiume	247	Max WS	TR200_01h	181.74	123.00	125.23	124.35	125.39	0.002175	1.78	102.94	54.08	0.41
Bisenzio	Bisenzio_V-Fiume	247	Max WS	TR200_02h	349.93	123.00	126.11	124.94	126.39	0.002353	2.35	151.03	54.91	0.45
Bisenzio	Bisenzio_V-Fiume	247	Max WS	TR200_03h	441.54	123.00	126.53	125.22	126.86	0.002393	2.58	173.85	55.31	0.46
Bisenzio	Bisenzio_V-Fiume	247	Max WS	TR200_06h	502.18	123.00	126.78	125.39	127.16	0.002411	2.72	188.09	55.55	0.46
Bisenzio	Bisenzio_V-Fiume	247	Max WS	TR200_09h	468.14	123.00	126.64	125.30	126.99	0.002401	2.64	180.18	55.42	0.46
Bisenzio	Bisenzio_V-Fiume	247	Max WS	TR200_12h	428.37	123.00	126.47	125.19	126.80	0.002389	2.55	170.67	55.25	0.46
Bisenzio	Bisenzio_V-Fiume	245.5			Int Struct									
Bisenzio	Bisenzio_V-Fiume	245	Max WS	TR30_01h	49.84	118.36	121.38		121.39	0.000089	0.43	115.99	44.50	0.08
Bisenzio	Bisenzio_V-Fiume	245	Max WS	TR30_02h	127.06	118.36	122.39		122.43	0.000200	0.79	161.17	44.95	0.13
Bisenzio	Bisenzio_V-Fiume	245	Max WS	TR30_03h	181.42	118.36	122.95		123.00	0.000254	0.98	186.81	48.71	0.15
Bisenzio	Bisenzio_V-Fiume	245	Max WS	TR30_04h	211.12	118.36	123.20		123.26	0.000283	1.07	199.14	49.64	0.16
Bisenzio	Bisenzio_V-Fiume	245	Max WS	TR30_06h	239.82	118.36	123.43		123.49	0.000308	1.15	210.45	50.07	0.17
Bisenzio	Bisenzio_V-Fiume	245	Max WS	TR30_09h	239.32	118.36	123.42		123.49	0.000307	1.15	210.39	50.07	0.17
Bisenzio	Bisenzio_V-Fiume	245	Max WS	TR30_12h	226.74	118.36	123.33		123.40	0.000295	1.11	205.76	49.89	0.17
Bisenzio	Bisenzio_V-Fiume	245	Max WS	TR200_01h	181.61	118.36	122.95		123.00	0.000255	0.98	186.74	48.69	0.15
Bisenzio	Bisenzio_V-Fiume	245	Max WS	TR200_02h	349.89	118.36	124.13		124.23	0.000406	1.46	246.12	51.82	0.20
Bisenzio	Bisenzio_V-Fiume	245	Max WS	TR200_03h	441.51	118.36	124.61		124.75	0.000480	1.68	272.81	56.90	0.22
Bisenzio	Bisenzio_V-Fiume	245	Max WS	TR200_06h	501.79	118.36	125.37		125.51	0.000405	1.67	316.55	58.88	0.21
Bisenzio	Bisenzio_V-Fiume	245	Max WS	TR200_09h	467.64	118.36	124.80		124.95	0.000483	1.72	283.42	57.38	0.22
Bisenzio	Bisenzio_V-Fiume	245	Max WS	TR200_12h	428.37	118.36	124.57		124.70	0.000465	1.64	270.25	56.76	0.22
Bisenzio	Bisenzio_V-Fiume	243	Max WS	TR30_01h	49.81	119.52	121.25		121.36	0.004469	1.51	33.01	38.04	0.52
Bisenzio	Bisenzio_V-Fiume	243	Max WS	TR30_02h	127.04	119.52	122.25		122.40	0.002385	1.72	73.79	43.25	0.42
Bisenzio	Bisenzio_V-Fiume	243	Max WS	TR30_03h	181.41	119.52	122.80		122.97	0.002046	1.85	98.28	46.10	0.40
Bisenzio	Bisenzio_V-Fiume	243	Max WS	TR30_04h	211.10	119.52	123.05		123.23	0.001930	1.92	110.65	53.06	0.40
Bisenzio	Bisenzio_V-Fiume	243	Max WS	TR30_06h	239.82	119.52	123.27		123.47	0.001831	1.99	123.03	56.60	0.39
Bisenzio	Bisenzio_V-Fiume	243	Max WS	TR30_09h	239.32	119.52	123.27		123.47	0.001825	1.99	122.96	56.60	0.39
Bisenzio	Bisenzio_V-Fiume	243	Max WS	TR30_12h	226.75	119.52	123.18		123.37	0.001851	1.95	117.87	55.60	0.39
Bisenzio	Bisenzio_V-Fiume	243	Max WS	TR200_01h	181.57	119.52	122.80		122.97	0.002056	1.85	98.18	46.09	0.40
Bisenzio	Bisenzio_V-Fiume	243	Max WS	TR200_02h	349.88	119.52	123.96		124.21	0.001730	2.26	161.89	56.71	0.40
Bisenzio	Bisenzio_V-Fiume	243	Max WS	TR200_03h	441.49	119.52	124.43		124.73	0.001727	2.47	188.68	56.79	0.41
Bisenzio	Bisenzio_V-Fiume	243	Max WS	TR200_06h	501.80	119.52	125.23		125.49	0.001140	2.28	234.35	56.92	0.34
Bisenzio	Bisenzio_V-Fiume	243	Max WS	TR200_09h	467.57	119.52	124.62		124.92	0.001631	2.48	199.49	56.82	0.40
Bisenzio	Bisenzio_V-Fiume	243	Max WS	TR200_12h	428.36	119.52	124.39		124.68	0.001688	2.43	186.38	56.78	0.40
Bisenzio	Bisenzio_V-Fiume	242	Max WS	TR30_01h	49.77	119.27	121.05		121.15	0.002270	1.39	35.78	27.65	0.39
Bisenzio	Bisenzio_V-Fiume	242	Max WS	TR30_02h	127.10	119.27	122.06		122.25	0.002475	1.93	65.77	32.76	0.44
Bisenzio	Bisenzio_V-Fiume	242	Max WS	TR30_03h	181.76	119.27	122.60		122.83	0.002657	2.14	85.12	46.45	0.46
Bisenzio	Bisenzio_V-Fiume	242	Max WS	TR30_04h	212.18	119.27	122.85		123.10	0.002525	2.24	97.18	50.70	0.46
Bisenzio	Bisenzio_V-Fiume	242	Max WS	TR30_06h	242.10	119.27	123.07		123.35	0.002418	2.32	109.22	55.33	0.45
Bisenzio	Bisenzio_V-Fiume	242	Max WS	TR30_09h	241.82	119.27	123.07		123.34	0.002416	2.32	109.15	55.33	0.45
Bisenzio	Bisenzio_V-Fiume	242	Max WS	TR30_12h	229.16	119.27	122.98		123.24	0.002453	2.29	104.11	53.58	0.45
Bisenzio	Bisenzio_V-Fiume	242	Max WS	TR200_01h	181.66	119.27	122.60		122.83	0.002659	2.14	85.07	46.45	0.46
Bisenzio	Bisenzio_V-Fiume	242	Max WS	TR200_02h	350.48	119.27	123.77		124.10	0.002216	2.59	148.02	55.91	0.45

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio_V-Fiume	241	Max WS	TR200_01h	181.64	118.90	122.27		122.56	0.002802	2.39	76.06	29.81	0.48
Bisenzio	Bisenzio_V-Fiume	241	Max WS	TR200_02h	350.46	118.90	123.39		123.88	0.003289	3.12	116.87	52.99	0.54
Bisenzio	Bisenzio_V-Fiume	241	Max WS	TR200_03h	443.10	118.90	123.87		124.43	0.003219	3.37	148.77	73.26	0.55
Bisenzio	Bisenzio_V-Fiume	241	Max WS	TR200_06h	506.75	118.90	124.91		125.27	0.001616	2.80	230.03	85.76	0.40
Bisenzio	Bisenzio_V-Fiume	241	Max WS	TR200_09h	472.58	118.90	124.08		124.63	0.002982	3.36	164.10	75.33	0.53
Bisenzio	Bisenzio_V-Fiume	241	Max WS	TR200_12h	433.23	118.90	123.82		124.38	0.003233	3.35	145.21	72.60	0.55
Bisenzio	Bisenzio_V-Fiume	240	Max WS	TR30_01h	49.74	119.19	120.68		120.79	0.002514	1.46	34.01	26.27	0.41
Bisenzio	Bisenzio_V-Fiume	240	Max WS	TR30_02h	127.08	119.19	121.59		121.82	0.003061	2.15	59.05	29.18	0.48
Bisenzio	Bisenzio_V-Fiume	240	Max WS	TR30_03h	181.74	119.19	122.05		122.36	0.003349	2.49	72.85	30.66	0.52
Bisenzio	Bisenzio_V-Fiume	240	Max WS	TR30_04h	212.17	119.19	122.25		122.62	0.003560	2.68	79.25	31.33	0.54
Bisenzio	Bisenzio_V-Fiume	240	Max WS	TR30_06h	242.13	119.19	122.45		122.86	0.003729	2.84	85.34	31.95	0.55
Bisenzio	Bisenzio_V-Fiume	240	Max WS	TR30_09h	241.92	119.19	122.44		122.85	0.003727	2.84	85.31	31.94	0.55
Bisenzio	Bisenzio_V-Fiume	240	Max WS	TR30_12h	229.31	119.19	122.36		122.76	0.003664	2.77	82.73	31.68	0.55
Bisenzio	Bisenzio_V-Fiume	240	Max WS	TR200_01h	181.63	119.19	122.05		122.36	0.003348	2.49	72.83	30.66	0.52
Bisenzio	Bisenzio_V-Fiume	240	Max WS	TR200_02h	350.44	119.19	123.12		123.66	0.003977	3.26	107.60	34.12	0.59
Bisenzio	Bisenzio_V-Fiume	240	Max WS	TR200_03h	443.04	119.19	123.61		124.25	0.004024	3.55	128.33	61.91	0.60
Bisenzio	Bisenzio_V-Fiume	240	Max WS	TR200_06h	506.70	119.19	124.82		125.15	0.001567	2.69	250.23	109.24	0.39
Bisenzio	Bisenzio_V-Fiume	240	Max WS	TR200_09h	472.61	119.19	123.85		124.47	0.003603	3.51	146.47	95.17	0.57
Bisenzio	Bisenzio_V-Fiume	240	Max WS	TR200_12h	433.30	119.19	123.56		124.19	0.004047	3.52	125.24	59.30	0.60
Bisenzio	Bisenzio_V-Fiume	239	Max WS	TR30_01h	49.73	119.17	120.49	120.04	120.64	0.004033	1.71	29.03	25.23	0.51
Bisenzio	Bisenzio_V-Fiume	239	Max WS	TR30_02h	127.07	119.17	121.37	120.72	121.67	0.004273	2.41	52.64	28.16	0.56
Bisenzio	Bisenzio_V-Fiume	239	Max WS	TR30_03h	181.74	119.17	121.82	121.10	122.21	0.004537	2.77	65.57	29.64	0.60
Bisenzio	Bisenzio_V-Fiume	239	Max WS	TR30_04h	212.17	119.17	122.01	121.29	122.46	0.004805	2.97	71.40	30.28	0.62
Bisenzio	Bisenzio_V-Fiume	239	Max WS	TR30_06h	242.14	119.17	122.20	121.47	122.70	0.004984	3.15	76.98	31.07	0.63
Bisenzio	Bisenzio_V-Fiume	239	Max WS	TR30_09h	241.95	119.17	122.20	121.47	122.70	0.004982	3.14	76.95	31.07	0.63
Bisenzio	Bisenzio_V-Fiume	239	Max WS	TR30_12h	229.35	119.17	122.12	121.40	122.60	0.004939	3.08	74.58	30.63	0.63
Bisenzio	Bisenzio_V-Fiume	239	Max WS	TR200_01h	181.62	119.17	121.82	121.10	122.21	0.004538	2.77	65.53	29.63	0.60
Bisenzio	Bisenzio_V-Fiume	239	Max WS	TR200_02h	350.43	119.17	122.85	122.05	123.51	0.004990	3.59	97.55	33.18	0.66
Bisenzio	Bisenzio_V-Fiume	239	Max WS	TR200_03h	443.04	119.17	123.38	122.47	124.14	0.004853	3.87	114.60	36.04	0.66
Bisenzio	Bisenzio_V-Fiume	239	Max WS	TR200_06h	506.46	119.17	124.44	122.74	125.03	0.002618	3.39	150.37	47.32	0.51
Bisenzio	Bisenzio_V-Fiume	239	Max WS	TR200_09h	472.65	119.17	123.65	122.60	124.40	0.004330	3.83	123.42	38.96	0.63
Bisenzio	Bisenzio_V-Fiume	239	Max WS	TR200_12h	433.35	119.17	123.33	122.43	124.08	0.004865	3.84	112.87	35.61	0.66
Bisenzio	Bisenzio_V-Fiume	238		Bridge										
Bisenzio	Bisenzio_V-Fiume	237	Max WS	TR30_01h	49.73	119.10	120.49		120.62	0.003525	1.63	30.59	25.97	0.48
Bisenzio	Bisenzio_V-Fiume	237	Max WS	TR30_02h	127.08	119.10	121.39		121.66	0.003765	2.30	55.30	28.95	0.53
Bisenzio	Bisenzio_V-Fiume	237	Max WS	TR30_03h	181.74	119.10	121.84		122.20	0.003901	2.65	68.59	30.45	0.56
Bisenzio	Bisenzio_V-Fiume	237	Max WS	TR30_04h	212.17	119.10	122.04		122.45	0.004113	2.85	74.43	31.09	0.58
Bisenzio	Bisenzio_V-Fiume	237	Max WS	TR30_06h	242.15	119.10	122.22		122.69	0.004289	3.03	79.92	31.70	0.60
Bisenzio	Bisenzio_V-Fiume	237	Max WS	TR30_09h	241.95	119.10	122.22		122.68	0.004286	3.03	79.89	31.69	0.60
Bisenzio	Bisenzio_V-Fiume	237	Max WS	TR30_12h	229.35	119.10	122.14		122.59	0.004224	2.96	77.57	31.44	0.59
Bisenzio	Bisenzio_V-Fiume	237	Max WS	TR200_01h	181.62	119.10	121.84		122.20	0.003901	2.65	68.57	30.44	0.56
Bisenzio	Bisenzio_V-Fiume	237	Max WS	TR200_02h	350.42	119.10	122.87		123.49	0.004494	3.51	99.85	34.06	0.63
Bisenzio	Bisenzio_V-Fiume	237	Max WS	TR200_03h	443.04	119.10	123.38		124.12	0.004461	3.81	116.28	38.68	0.64
Bisenzio	Bisenzio_V-Fiume	237	Max WS	TR200_06h	499.54	119.10	123.70		124.49	0.004281	3.95	127.11	42.88	0.63
Bisenzio	Bisenzio_V-Fiume	237	Max WS	TR200_09h	472.66	119.10	123.55		124.32	0.004346	3.88	122.17	41.41	0.63
Bisenzio	Bisenzio_V-Fiume	237	Max WS	TR200_12h	433.35	119.10	123.33		124.06	0.004477	3.78	114.55	37.83	0.64
Bisenzio	Bisenzio_V-Fiume	236	Max WS	TR30_01h	49.72	118.89	120.29		120.45	0.004331	1.81	27.48	23.45	0.53
Bisenzio	Bisenzio_V-Fiume	236	Max WS	TR30_02h	127.07	118.89	121.13		121.49	0.005080	2.66	49.81	28.13	0.60
Bisenzio	Bisenzio_V-Fiume	236	Max WS	TR30_03h	181.74	118.89	121.56		122.03	0.005721	3.09	62.12	29.67	0.65
Bisenzio	Bisenzio_V-Fiume	236	Max WS	TR30_04h	212.17	118.89	121.81		122.32	0.005646	3.23	71.26	47.26	0.65
Bisenzio	Bisenzio_V-Fiume	236	Max WS	TR30_06h	242.16	118.89	121.99		122.55	0.005764	3.40	80.52	53.54	0.66
Bisenzio	Bisenzio_V-Fiume	236	Max WS	TR30_09h	241.97	118.89	121.99		122.55	0.005763	3.40	80.47	53.54	0.66
Bisenzio	Bisenzio_V-Fiume	236	Max WS	TR30_12h	229.39	118.89	121.92		122.46	0.005683	3.32	76.82	53.37	0.65
Bisenzio	Bisenzio_V-Fiume	236	Max WS	TR200_01h	181.61	118.89	121.56		122.03	0.005721	3.09	62.09	29.67	0.65
Bisenzio	Bisenzio_V-Fiume	236	Max WS	TR200_02h	350.41	118.89	122.60		123.26	0.005559	3.77	113.86	55.13	0.66
Bisenzio	Bisenzio_V-Fiume	236	Max WS	TR200_03h	442.99	118.89	123.15		123.82	0.004793	3.87	147.07	61.40	0.63
Bisenzio	Bisenzio_V-Fiume	236	Max WS	TR200_06h	498.57	118.89	123.51		124.15	0.004191	3.84	169.30	62.33	0.60
Bisenzio	Bisenzio_V-Fiume	236	Max WS	TR200_09h	472.67	118.89	123.35		124.00	0.004433	3.85	159.23	61.91	0.61
Bisenzio	Bisenzio_V-Fiume	236	Max WS	TR200_12h	433.41	118.89	123.10		123.76	0.004874	3.87	143.67	61.25	0.63
Bisenzio	Bisenzio_V-Fiume	235	Max WS	TR30_01h	49.72	118.60	120.15	119.56	120.27	0.002694	1.50	33.59	27.59	0.43
Bisenzio	Bisenzio_V-Fiume	235	Max WS	TR30_02h	127.07	118.60	120.98	120.24	121.23	0.003477	2.23	58.33	32.55	0.52
Bisenzio	Bisenzio_V-Fiume	235	Max WS	TR30_03h	181.73	118.60	121.38	120.61	121.73	0.003668	2.61	72.98	40.21	0.55
Bisenzio	Bisenzio_V-Fiume	235	Max WS	TR30_04h	212.17	118.60	121.58	120.80	121.97	0.003769	2.79	81.34	46.06	0.57
Bisenzio	Bisenzio_V-Fiume	235	Max WS	TR30_06h	242.17	118.60	121.76	120.97	122.19	0.003842	2.95	89.97	51.40	0.58
Bisenzio	Bisenzio_V-Fiume	235	Max WS	TR30_09h	242.00	118.60	121.75	120.97	122.19	0.003842	2.95	89.92	51.37	0.58
Bisenzio	Bisenzio_V-Fiume	235	Max WS	TR30_12h	229.43	118.60	121.68	120.91	122.10	0.003814	2.89	86.26	49.17	0.57
Bisenzio	Bisenzio_V-Fiume	235	Max WS	TR200_01h	181.61	118.60	121.38	120.61	121.73	0.003668	2.61	72.94	40.18	0.55
Bisenzio	Bisenzio_V-Fiume	235	Max WS	TR200_02h	350.39	118.60	122.43	121.55	122.93	0.003421	3.24	128.31	58.51	0.57
Bisenzio	Bisenzio_V-Fiume	235	Max WS	TR200_03h	442.95	118.60	123.02	122.06	123.55	0.003001	3.38	164.10	70.35	0.55
Bisenzio	Bisenzio_V-Fiume	235	Max WS	TR200_06h	498.27	118.60	123.41	122.27	123.91	0.002594	3.35	192.50	75.76	0.52
Bisenzio	Bisenzio_V-Fiume	235	Max WS	TR200_09h	472.66	118.60	123.23	122.18	123.75	0.002765	3.37	179.50	73.28	0.53
Bisenzio	Bisenzio_V-Fiume	235	Max WS	TR200_12h	433.47	118.60	122.98	122.02	123.48	0.002906	3.31	160.68	60.22	0.54
Bisenzio	Bisenzio_V-Fiume	233.5		Int Struct										
Bisenzio	Bisenzio_V-Fiume	233	Max WS	TR30_01h	49.71	118.09	119.47		119.63	0.004445	1.77	28.11	25.27	0.54
Bisenzio	Bisenzio_V-Fiume	233	Max WS	TR30_02h	127.03	118.09	120.46		120.72	0.003771	2.29	55.54	30.27	0.54
Bisenzio	Bisenzio_V-Fiume	233	Max WS	TR30_03h	181.70	118.09	121.00		121.32	0.003460	2.52	72.71	33.32	0.53
Bisenzio	Bisenzio_V-Fiume	233	Max WS	TR30_04h	212.16	118.09	121.27		121.62	0.003246	2.63	82.32	38.11	0.52
Bisenzio	Bisenzio_V-Fiume	233	Max WS	TR30_06h	242.14	118.09	121.53		121.90	0.003052	2.71	92.85	44.83	0.52
Bisenzio	Bisenzio_V-Fiume	233	Max WS	TR30_09h	241.99	118.09	121.53		121.90	0.003048	2.71	92.87	44.84	0.52
Bisenzio	Bisenzio_V-Fiume	233	Max WS	TR30_12h	229.43	118.09	121.42		121.79	0.003118	2.67	88.37	41.71	0.52
Bisenzio	Bisenzio_V-Fiume	233	Max WS	TR200_01h	181.48	118.09	121.00							

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio_V-Fiume	232	Max WS	TR30_12h	229.53	117.19	120.95		121.38	0.003567	2.93	85.90	39.70	0.54
Bisenzio	Bisenzio_V-Fiume	232	Max WS	TR200_01h	181.37	117.19	120.50		120.88	0.003799	2.77	69.20	34.14	0.54
Bisenzio	Bisenzio_V-Fiume	232	Max WS	TR200_02h	350.34	117.19	121.93		122.40	0.003062	3.17	127.83	45.49	0.51
Bisenzio	Bisenzio_V-Fiume	232	Max WS	TR200_03h	442.87	117.19	122.63		123.02	0.002243	3.03	204.85	99.35	0.45
Bisenzio	Bisenzio_V-Fiume	232	Max WS	TR200_06h	495.37	117.19	123.10		123.43	0.001749	2.86	253.12	103.60	0.41
Bisenzio	Bisenzio_V-Fiume	232	Max WS	TR200_09h	472.76	117.19	122.91		123.26	0.001928	2.92	232.87	101.82	0.42
Bisenzio	Bisenzio_V-Fiume	232	Max WS	TR200_12h	433.61	117.19	122.59		122.98	0.002232	3.01	201.25	99.00	0.45
Bisenzio	Bisenzio_V-Fiume	231	Max WS	TR30_01h	49.61	116.25	118.54		118.69	0.003013	1.73	28.64	18.99	0.45
Bisenzio	Bisenzio_V-Fiume	231	Max WS	TR30_02h	126.95	116.25	119.58		119.89	0.004026	2.48	51.28	24.63	0.55
Bisenzio	Bisenzio_V-Fiume	231	Max WS	TR30_03h	181.67	116.25	120.13		120.52	0.004148	2.77	65.55	27.12	0.57
Bisenzio	Bisenzio_V-Fiume	231	Max WS	TR30_04h	212.16	116.25	120.42		120.84	0.004076	2.89	73.44	28.02	0.57
Bisenzio	Bisenzio_V-Fiume	231	Max WS	TR30_06h	242.16	116.25	120.68		121.14	0.003979	2.99	81.03	28.65	0.57
Bisenzio	Bisenzio_V-Fiume	231	Max WS	TR30_09h	242.11	116.25	120.69		121.14	0.003972	2.99	81.06	28.65	0.57
Bisenzio	Bisenzio_V-Fiume	231	Max WS	TR30_12h	229.60	116.25	120.58		121.02	0.003988	2.94	78.07	28.41	0.57
Bisenzio	Bisenzio_V-Fiume	231	Max WS	TR200_01h	181.29	116.25	120.12		120.52	0.004171	2.78	65.32	27.08	0.57
Bisenzio	Bisenzio_V-Fiume	231	Max WS	TR200_02h	350.33	116.25	121.52		122.08	0.003854	3.31	105.70	30.59	0.57
Bisenzio	Bisenzio_V-Fiume	231	Max WS	TR200_03h	442.88	116.25	122.22		122.82	0.003400	3.45	132.98	49.24	0.55
Bisenzio	Bisenzio_V-Fiume	231	Max WS	TR200_06h	493.72	116.25	122.71		123.27	0.002790	3.38	159.19	55.69	0.51
Bisenzio	Bisenzio_V-Fiume	231	Max WS	TR200_09h	472.83	116.25	122.50		123.09	0.003026	3.41	148.14	54.32	0.52
Bisenzio	Bisenzio_V-Fiume	231	Max WS	TR200_12h	433.73	116.25	122.18		122.77	0.003359	3.41	131.33	48.32	0.54
Bisenzio	Bisenzio_V-Fiume	230	Max WS	TR30_01h	49.59	116.24	118.36		118.46	0.001962	1.41	35.25	23.94	0.37
Bisenzio	Bisenzio_V-Fiume	230	Max WS	TR30_02h	126.94	116.24	119.34		119.56	0.002699	2.07	61.20	29.24	0.46
Bisenzio	Bisenzio_V-Fiume	230	Max WS	TR30_03h	181.66	116.24	119.88		120.16	0.002864	2.32	78.14	32.85	0.48
Bisenzio	Bisenzio_V-Fiume	230	Max WS	TR30_04h	212.14	116.24	120.18		120.48	0.002826	2.41	88.15	34.80	0.48
Bisenzio	Bisenzio_V-Fiume	230	Max WS	TR30_06h	242.18	116.24	120.46		120.77	0.002752	2.46	98.25	36.67	0.48
Bisenzio	Bisenzio_V-Fiume	230	Max WS	TR30_09h	242.15	116.24	120.46		120.77	0.002747	2.46	98.32	36.68	0.48
Bisenzio	Bisenzio_V-Fiume	230	Max WS	TR30_12h	229.67	116.24	120.36		120.66	0.002759	2.43	94.36	35.96	0.48
Bisenzio	Bisenzio_V-Fiume	230	Max WS	TR200_01h	181.23	116.24	119.87		120.15	0.002885	2.33	77.80	32.78	0.48
Bisenzio	Bisenzio_V-Fiume	230	Max WS	TR200_02h	350.33	116.24	121.34		121.69	0.002358	2.63	138.28	56.25	0.46
Bisenzio	Bisenzio_V-Fiume	230	Max WS	TR200_03h	442.88	116.24	122.05		122.40	0.001880	2.67	180.67	62.77	0.42
Bisenzio	Bisenzio_V-Fiume	230	Max WS	TR200_06h	491.21	116.24	122.61		122.93	0.001427	2.54	216.99	64.69	0.38
Bisenzio	Bisenzio_V-Fiume	230	Max WS	TR200_09h	472.90	116.24	122.39		122.72	0.001594	2.60	202.38	64.40	0.40
Bisenzio	Bisenzio_V-Fiume	230	Max WS	TR200_12h	433.84	116.24	122.02		122.37	0.001848	2.64	179.01	62.53	0.42
Bisenzio	Bisenzio_V-Fiume	228	Max WS	TR30_01h	49.57	116.26	118.13		118.23	0.002090	1.41	35.12	24.96	0.38
Bisenzio	Bisenzio_V-Fiume	228	Max WS	TR30_02h	126.92	116.26	119.03		119.26	0.002937	2.13	59.47	28.84	0.47
Bisenzio	Bisenzio_V-Fiume	228	Max WS	TR30_03h	181.66	116.26	119.56		119.86	0.002852	2.41	76.68	33.89	0.48
Bisenzio	Bisenzio_V-Fiume	228	Max WS	TR30_04h	212.09	116.26	119.87		120.19	0.002686	2.50	87.67	36.86	0.47
Bisenzio	Bisenzio_V-Fiume	228	Max WS	TR30_06h	242.20	116.26	120.17		120.50	0.002516	2.56	98.75	38.38	0.47
Bisenzio	Bisenzio_V-Fiume	228	Max WS	TR30_09h	242.20	116.26	120.17		120.50	0.002509	2.56	98.85	38.43	0.47
Bisenzio	Bisenzio_V-Fiume	228	Max WS	TR30_12h	229.76	116.26	120.06		120.38	0.002551	2.52	94.61	37.11	0.47
Bisenzio	Bisenzio_V-Fiume	228	Max WS	TR200_01h	181.21	116.26	119.55		119.85	0.002886	2.41	76.23	33.69	0.48
Bisenzio	Bisenzio_V-Fiume	228	Max WS	TR200_02h	350.31	116.26	121.08		121.47	0.002116	2.79	135.95	42.45	0.45
Bisenzio	Bisenzio_V-Fiume	228	Max WS	TR200_03h	442.80	116.26	121.81		122.23	0.001864	2.93	176.37	81.24	0.43
Bisenzio	Bisenzio_V-Fiume	228	Max WS	TR200_06h	490.73	116.26	122.44		122.78	0.001366	2.72	234.72	98.98	0.38
Bisenzio	Bisenzio_V-Fiume	228	Max WS	TR200_09h	472.97	116.26	122.19		122.57	0.001562	2.82	210.26	98.19	0.40
Bisenzio	Bisenzio_V-Fiume	228	Max WS	TR200_12h	433.99	116.26	121.79		122.19	0.001823	2.88	174.67	80.26	0.43
Bisenzio	Bisenzio_V-Fiume	227	Max WS	TR30_01h	49.56	116.24	117.97	117.25	118.08	0.002702	1.44	34.31	29.48	0.40
Bisenzio	Bisenzio_V-Fiume	227	Max WS	TR30_02h	127.22	116.24	118.82	118.00	119.07	0.003352	2.20	57.83	39.32	0.49
Bisenzio	Bisenzio_V-Fiume	227	Max WS	TR30_03h	182.94	116.24	119.34	118.38	119.67	0.003327	2.54	72.07	44.18	0.50
Bisenzio	Bisenzio_V-Fiume	227	Max WS	TR30_04h	215.36	116.24	119.62	118.57	119.99	0.003271	2.70	79.89	44.56	0.51
Bisenzio	Bisenzio_V-Fiume	227	Max WS	TR30_06h	247.57	116.24	119.90	118.74	120.31	0.003191	2.83	87.51	44.93	0.51
Bisenzio	Bisenzio_V-Fiume	227	Max WS	TR30_09h	247.75	116.24	119.90	118.75	120.31	0.003190	2.83	87.56	44.94	0.51
Bisenzio	Bisenzio_V-Fiume	227	Max WS	TR30_12h	235.07	116.24	119.79	118.68	120.19	0.003218	2.78	84.62	44.79	0.51
Bisenzio	Bisenzio_V-Fiume	227	Max WS	TR200_01h	181.79	116.24	119.33	118.37	119.66	0.003330	2.53	71.78	44.17	0.50
Bisenzio	Bisenzio_V-Fiume	227	Max WS	TR200_02h	353.19	116.24	120.78	119.29	121.28	0.002874	3.16	111.76	46.11	0.50
Bisenzio	Bisenzio_V-Fiume	227	Max WS	TR200_03h	449.91	116.24	121.43	119.73	122.04	0.002827	3.46	129.87	46.99	0.51
Bisenzio	Bisenzio_V-Fiume	227	Max WS	TR200_06h	507.83	116.24	121.97	119.98	122.60	0.002504	3.51	144.82	52.93	0.49
Bisenzio	Bisenzio_V-Fiume	227	Max WS	TR200_09h	486.23	116.24	121.76	119.89	122.38	0.002637	3.50	138.92	50.77	0.50
Bisenzio	Bisenzio_V-Fiume	227	Max WS	TR200_12h	446.19	116.24	121.40	119.72	122.01	0.002848	3.46	128.93	46.94	0.51
Bisenzio	Bisenzio_V-Fiume	226			Bridge									
Bisenzio	Bisenzio_V-Fiume	225	Max WS	TR30_01h	49.56	116.00	117.99		118.06	0.001228	1.17	42.28	27.54	0.30
Bisenzio	Bisenzio_V-Fiume	225	Max WS	TR30_02h	127.22	116.00	118.82		119.02	0.001973	1.97	64.57	32.78	0.41
Bisenzio	Bisenzio_V-Fiume	225	Max WS	TR30_03h	182.94	116.00	119.28		119.57	0.002256	2.37	77.13	35.30	0.45
Bisenzio	Bisenzio_V-Fiume	225	Max WS	TR30_04h	215.36	116.00	119.53		119.87	0.002377	2.57	83.74	35.82	0.47
Bisenzio	Bisenzio_V-Fiume	225	Max WS	TR30_06h	247.57	116.00	119.76		120.15	0.002475	2.75	89.95	36.31	0.48
Bisenzio	Bisenzio_V-Fiume	225	Max WS	TR30_09h	247.75	116.00	119.76		120.15	0.002475	2.75	89.99	36.31	0.48
Bisenzio	Bisenzio_V-Fiume	225	Max WS	TR30_12h	235.07	116.00	119.67		120.04	0.002438	2.68	87.59	36.12	0.48
Bisenzio	Bisenzio_V-Fiume	225	Max WS	TR200_01h	181.79	116.00	119.28		119.56	0.002251	2.36	76.88	35.28	0.45
Bisenzio	Bisenzio_V-Fiume	225	Max WS	TR200_02h	353.19	116.00	120.45		120.99	0.002702	3.26	108.42	37.77	0.52
Bisenzio	Bisenzio_V-Fiume	225	Max WS	TR200_03h	407.79	116.00	120.74		121.36	0.002854	3.51	116.27	38.38	0.54
Bisenzio	Bisenzio_V-Fiume	225	Max WS	TR200_06h	528.86	116.00	120.85		121.85	0.004397	4.43	119.37	38.63	0.67
Bisenzio	Bisenzio_V-Fiume	225	Max WS	TR200_09h	408.31	116.00	120.74		121.37	0.002857	3.51	116.32	38.39	0.54
Bisenzio	Bisenzio_V-Fiume	225	Max WS	TR200_12h	407.50	116.00	120.74		121.36	0.002851	3.51	116.25	38.38	0.54
Bisenzio	Bisenzio_V-Fiume	224	Max WS	TR30_01h	49.56	115.86	117.94	117.08	118.00	0.001197	1.06	46.85	31.39	0.28
Bisenzio	Bisenzio_V-Fiume	224	Max WS	TR30_02h	127.22	115.86	118.75	117.64	118.91	0.001980	1.76	72.24	31.50	0.37
Bisenzio	Bisenzio_V-Fiume	224	Max WS	TR30_03h	182.93	115.86	119.21	117.96	119.44	0.002292	2.11	86.84	31.57	0.41
Bisenzio	Bisenzio_V-Fiume	224	Max WS	TR30_04h	215.36	115.86	119.46	118.14	119.72	0.002430	2.28	94.60	31.61	0.42
Bisenzio	Bisenzio_V-Fiume	224	Max WS	TR30_06h	247.58	115.86	119.69	118.30	119.99	0.002548	2.43	101.90	31.64	0.43
Bisenzio	Bisenzio_V-Fiume	224	Max WS	TR30_09h	247.78	115.86	119.69	118.30	119.99	0.002549	2.43	101.95	31.64	0.43
Bisenzio	Bisenzio_V-Fiume	224	Max WS	TR30_12h	235.11	115.86	119.60	118.24	119.89	0.002504	2.37	99.12	31.63	0.43
Bisenzio	Bisenzio_V-Fiume	224	Max WS	TR200_01h	181.79</									

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio_V-Fiume	222	Max WS	TR30_09h	247.77	110.95	116.06		116.17	0.000650	1.48	166.97	39.59	0.23
Bisenzio	Bisenzio_V-Fiume	222	Max WS	TR30_12h	235.11	110.95	115.95		116.06	0.000632	1.44	162.85	39.59	0.23
Bisenzio	Bisenzio_V-Fiume	222	Max WS	TR200_01h	181.72	110.95	115.48		115.56	0.000554	1.26	144.00	39.57	0.21
Bisenzio	Bisenzio_V-Fiume	222	Max WS	TR200_02h	352.47	110.95	117.06		117.21	0.000682	1.70	206.73	39.64	0.24
Bisenzio	Bisenzio_V-Fiume	222	Max WS	TR200_03h	449.86	110.95	118.22		118.39	0.000604	1.78	252.91	39.70	0.23
Bisenzio	Bisenzio_V-Fiume	222	Max WS	TR200_06h	527.44	110.95	118.77		118.96	0.000661	1.92	275.22	40.73	0.24
Bisenzio	Bisenzio_V-Fiume	222	Max WS	TR200_09h	486.18	110.95	118.53		118.70	0.000628	1.83	265.13	40.71	0.23
Bisenzio	Bisenzio_V-Fiume	222	Max WS	TR200_12h	446.25	110.95	118.22		118.37	0.000597	1.77	252.53	39.69	0.22
Bisenzio	Bisenzio_V-Fiume	221.8			Lat Struct									
Bisenzio	Bisenzio_V-Fiume	221	Max WS	TR30_01h	49.50	111.92	113.69		113.80	0.002382	1.44	34.31	25.84	0.40
Bisenzio	Bisenzio_V-Fiume	221	Max WS	TR30_02h	127.17	111.92	114.62		114.85	0.002928	2.14	59.54	29.31	0.47
Bisenzio	Bisenzio_V-Fiume	221	Max WS	TR30_03h	182.91	111.92	115.13		115.43	0.003010	2.46	75.30	32.79	0.49
Bisenzio	Bisenzio_V-Fiume	221	Max WS	TR30_04h	215.36	111.92	115.39		115.74	0.002955	2.60	84.76	36.72	0.50
Bisenzio	Bisenzio_V-Fiume	221	Max WS	TR30_06h	247.59	111.92	115.66		116.03	0.002863	2.72	94.50	37.75	0.50
Bisenzio	Bisenzio_V-Fiume	221	Max WS	TR30_09h	247.82	111.92	115.66		116.03	0.002855	2.72	94.66	37.77	0.50
Bisenzio	Bisenzio_V-Fiume	221	Max WS	TR30_12h	235.20	111.92	115.56		115.92	0.002876	2.67	91.02	37.39	0.50
Bisenzio	Bisenzio_V-Fiume	221	Max WS	TR200_01h	181.69	111.92	115.11		115.42	0.003016	2.45	74.93	32.57	0.49
Bisenzio	Bisenzio_V-Fiume	221	Max WS	TR200_02h	352.43	111.92	116.69		117.08	0.002075	2.82	135.75	41.83	0.45
Bisenzio	Bisenzio_V-Fiume	221	Max WS	TR200_03h	449.84	111.92	117.95		118.30	0.001296	2.66	191.78	47.86	0.37
Bisenzio	Bisenzio_V-Fiume	221	Max WS	TR200_06h	524.01	111.92	118.52		118.88	0.001218	2.76	219.19	48.92	0.36
Bisenzio	Bisenzio_V-Fiume	221	Max WS	TR200_09h	486.01	111.92	118.26		118.61	0.001233	2.70	206.80	48.92	0.36
Bisenzio	Bisenzio_V-Fiume	221	Max WS	TR200_12h	446.39	111.92	117.95		118.28	0.001282	2.65	191.46	47.80	0.37
Bisenzio	Bisenzio_V-Fiume	220.9			Lat Struct									
Bisenzio	Bisenzio_V-Fiume	220	Max WS	TR30_01h	49.49	111.95	113.57	112.89	113.68	0.002258	1.43	34.67	25.53	0.39
Bisenzio	Bisenzio_V-Fiume	220	Max WS	TR30_02h	127.17	111.95	114.46	113.56	114.70	0.003059	2.17	58.50	28.39	0.48
Bisenzio	Bisenzio_V-Fiume	220	Max WS	TR30_03h	182.95	111.95	114.96	113.97	115.28	0.003275	2.50	73.07	30.00	0.51
Bisenzio	Bisenzio_V-Fiume	220	Max WS	TR30_04h	215.54	111.95	115.22	114.18	115.58	0.003328	2.65	81.20	31.17	0.52
Bisenzio	Bisenzio_V-Fiume	220	Max WS	TR30_06h	248.35	111.95	115.48	114.38	115.88	0.003261	2.78	89.67	40.29	0.52
Bisenzio	Bisenzio_V-Fiume	220	Max WS	TR30_09h	248.72	111.95	115.48	114.38	115.88	0.003258	2.79	89.78	40.30	0.52
Bisenzio	Bisenzio_V-Fiume	220	Max WS	TR30_12h	236.14	111.95	115.39	114.31	115.77	0.003295	2.74	86.51	39.73	0.52
Bisenzio	Bisenzio_V-Fiume	220	Max WS	TR200_01h	181.69	111.95	114.95	113.97	115.27	0.003272	2.50	72.75	29.97	0.51
Bisenzio	Bisenzio_V-Fiume	220	Max WS	TR200_02h	352.50	111.95	116.55	114.93	116.96	0.002254	2.86	125.76	44.60	0.46
Bisenzio	Bisenzio_V-Fiume	220	Max WS	TR200_03h	449.62	111.95	117.82	115.40	118.20	0.001415	2.73	168.82	48.43	0.38
Bisenzio	Bisenzio_V-Fiume	220	Max WS	TR200_06h	518.32	111.95	118.40	115.69	118.80	0.001331	2.84	196.30	48.43	0.38
Bisenzio	Bisenzio_V-Fiume	220	Max WS	TR200_09h	485.02	111.95	118.13	115.55	118.52	0.001382	2.80	183.34	48.43	0.38
Bisenzio	Bisenzio_V-Fiume	220	Max WS	TR200_12h	447.73	111.95	117.82	115.39	118.19	0.001412	2.72	168.50	48.43	0.38
Bisenzio	Bisenzio_V-Fiume	219			Bridge									
Bisenzio	Bisenzio_V-Fiume	218	Max WS	TR30_01h	49.49	111.97	113.54		113.66	0.002527	1.49	33.29	24.97	0.41
Bisenzio	Bisenzio_V-Fiume	218	Max WS	TR30_02h	127.17	111.97	114.39		114.66	0.003523	2.28	55.77	27.90	0.52
Bisenzio	Bisenzio_V-Fiume	218	Max WS	TR30_03h	182.95	111.97	114.88		115.23	0.003785	2.63	69.64	29.57	0.55
Bisenzio	Bisenzio_V-Fiume	218	Max WS	TR30_04h	215.54	111.97	115.14		115.53	0.003847	2.78	77.48	30.47	0.56
Bisenzio	Bisenzio_V-Fiume	218	Max WS	TR30_06h	248.35	111.97	115.39		115.82	0.003797	2.91	85.42	39.90	0.56
Bisenzio	Bisenzio_V-Fiume	218	Max WS	TR30_09h	248.72	111.97	115.39		115.83	0.003792	2.91	85.55	39.92	0.56
Bisenzio	Bisenzio_V-Fiume	218	Max WS	TR30_12h	236.14	111.97	115.30		115.72	0.003822	2.86	82.45	34.46	0.56
Bisenzio	Bisenzio_V-Fiume	218	Max WS	TR200_01h	181.69	111.97	114.87		115.22	0.003783	2.62	69.32	29.53	0.55
Bisenzio	Bisenzio_V-Fiume	218	Max WS	TR200_02h	352.49	111.97	116.15		116.67	0.003376	3.23	110.91	43.17	0.55
Bisenzio	Bisenzio_V-Fiume	218	Max WS	TR200_03h	449.60	111.97	116.79		117.39	0.003103	3.46	132.59	45.95	0.54
Bisenzio	Bisenzio_V-Fiume	218	Max WS	TR200_06h	516.09	111.97	117.23		117.87	0.002900	3.58	147.49	47.86	0.53
Bisenzio	Bisenzio_V-Fiume	218	Max WS	TR200_09h	484.66	111.97	117.03		117.65	0.002975	3.52	140.74	46.99	0.54
Bisenzio	Bisenzio_V-Fiume	218	Max WS	TR200_12h	447.72	111.97	116.79		117.39	0.003079	3.45	132.57	45.94	0.54
Bisenzio	Bisenzio_V-Fiume	217.9			Lat Struct									
Bisenzio	Bisenzio_V-Fiume	217.8			Lat Struct									
Bisenzio	Bisenzio_V-Fiume	217	Max WS	TR30_01h	49.49	111.85	113.39	112.71	113.47	0.001876	1.24	39.83	30.89	0.35
Bisenzio	Bisenzio_V-Fiume	217	Max WS	TR30_02h	127.17	111.85	114.19	113.30	114.39	0.002701	1.95	65.15	32.86	0.44
Bisenzio	Bisenzio_V-Fiume	217	Max WS	TR30_03h	182.94	111.85	114.67	113.64	114.93	0.002868	2.26	80.87	33.71	0.47
Bisenzio	Bisenzio_V-Fiume	217	Max WS	TR30_04h	215.54	111.85	114.93	113.82	115.22	0.002897	2.40	89.73	34.19	0.47
Bisenzio	Bisenzio_V-Fiume	217	Max WS	TR30_06h	248.38	111.85	115.18	113.99	115.50	0.002957	2.52	98.44	35.18	0.48
Bisenzio	Bisenzio_V-Fiume	217	Max WS	TR30_09h	248.78	111.85	115.18	113.99	115.51	0.002953	2.52	98.59	35.19	0.48
Bisenzio	Bisenzio_V-Fiume	217	Max WS	TR30_12h	236.21	111.85	115.09	113.93	115.40	0.002897	2.48	95.30	34.48	0.48
Bisenzio	Bisenzio_V-Fiume	217	Max WS	TR200_01h	181.67	111.85	114.66	113.63	114.91	0.002867	2.26	80.51	33.69	0.47
Bisenzio	Bisenzio_V-Fiume	217	Max WS	TR200_02h	352.49	111.85	115.97	114.49	116.36	0.002779	2.78	126.75	36.61	0.48
Bisenzio	Bisenzio_V-Fiume	217	Max WS	TR200_03h	449.86	111.85	116.63	114.90	117.08	0.002611	2.97	151.87	39.28	0.47
Bisenzio	Bisenzio_V-Fiume	217	Max WS	TR200_06h	520.04	111.85	117.08	115.19	117.56	0.002512	3.08	169.96	41.50	0.47
Bisenzio	Bisenzio_V-Fiume	217	Max WS	TR200_09h	486.43	111.85	116.88	115.05	117.34	0.002539	3.02	161.75	40.38	0.47
Bisenzio	Bisenzio_V-Fiume	217	Max WS	TR200_12h	448.15	111.85	116.63	114.90	117.08	0.002596	2.96	151.90	39.29	0.47
Bisenzio	Bisenzio_V-Fiume	215.5			Int Struct									
Bisenzio	Bisenzio_V-Fiume	215	Max WS	TR30_01h	49.48	111.50	113.02		113.08	0.001374	1.12	44.29	31.87	0.30
Bisenzio	Bisenzio_V-Fiume	215	Max WS	TR30_02h	127.15	111.50	113.93		114.08	0.001798	1.71	74.46	33.62	0.37
Bisenzio	Bisenzio_V-Fiume	215	Max WS	TR30_03h	182.91	111.50	114.50		114.69	0.001855	1.95	93.79	34.95	0.38
Bisenzio	Bisenzio_V-Fiume	215	Max WS	TR30_04h	215.54	111.50	114.80		115.02	0.001848	2.06	104.51	35.39	0.38
Bisenzio	Bisenzio_V-Fiume	215	Max WS	TR30_06h	248.38	111.50	115.09		115.33	0.001877	2.16	114.82	36.39	0.39
Bisenzio	Bisenzio_V-Fiume	215	Max WS	TR30_09h	248.78	111.50	115.10		115.34	0.001872	2.16	115.06	36.39	0.39
Bisenzio	Bisenzio_V-Fiume	215	Max WS	TR30_12h	236.21	111.50	114.99		115.22	0.001835	2.12	111.23	35.67	0.38
Bisenzio	Bisenzio_V-Fiume	215	Max WS	TR200_01h	181.56	111.50	114.48		114.68	0.001859	1.95	93.27	34.93	0.38
Bisenzio	Bisenzio_V-Fiume	215	Max WS	TR200_02h	352.48	111.50	115.90		116.21	0.001871	2.43	144.88	37.56	0.40
Bisenzio	Bisenzio_V-Fiume	215	Max WS	TR200_03h	449.85	111.50	116.56		116.92	0.001865	2.65	170.16	39.84	0.40
Bisenzio	Bisenzio_V-Fiume	215	Max WS	TR200_06h	520.04	111.50	117.01		117.40	0.001843	2.78	188.31	41.64	0.41
Bisenzio	Bisenzio_V-Fiume	215	Max WS	TR200_09h	486.43	111.50	116.81		117.18	0.001840	2.71	180.11	40.81	0.40
Bisenzio	Bisenzio_V-Fiume	215	Max WS	TR200_12h	448.14	111.50	116.56		116.92	0.001848	2.64	170.24	39.85	0.40
Bisenzio	Bisenzio_V-Fiume	214.9			Lat Struct									
Bisenzio	Bisenzio_V-Fiume	214	Max WS	TR30_01h	49.48	111.47	112.83	112.27	112.93	0.002702	1.43	34.55	28.57	0.42
Bisenzio	Bisenzio_V-Fiume	214	Max WS	TR30_02h	127.13	111.47	113.68	112.88	113.91	0.003276	2.12	59.91	30.82	0.49
Bisenzio	Bisenzio_V-Fiume	214	Max WS	TR30_03h	182.90	111.47	114.24	113.25						

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio_V-Fiume	214	Max WS	TR200_02h	352.48	111.47	115.64	114.14	116.05	0.002788	2.83	124.75	34.97	0.48
Bisenzio	Bisenzio_V-Fiume	214	Max WS	TR200_03h	449.87	111.47	116.29	114.56	116.77	0.002715	3.04	147.87	36.63	0.48
Bisenzio	Bisenzio_V-Fiume	214	Max WS	TR200_06h	521.77	111.47	116.73	114.84	117.25	0.002663	3.19	164.29	38.52	0.48
Bisenzio	Bisenzio_V-Fiume	214	Max WS	TR200_09h	487.10	111.47	116.54	114.71	117.03	0.002659	3.11	156.95	37.69	0.48
Bisenzio	Bisenzio_V-Fiume	214	Max WS	TR200_12h	448.37	111.47	116.30	114.55	116.77	0.002690	3.03	147.99	36.65	0.48
Bisenzio	Bisenzio_V-Fiume	212.5			Inl Struct									
Bisenzio	Bisenzio_V-Fiume	212	Max WS	TR30_01h	49.40	111.19	112.49		112.60	0.003052	1.49	33.23	28.29	0.44
Bisenzio	Bisenzio_V-Fiume	212	Max WS	TR30_02h	127.09	111.19	113.59		113.78	0.002459	1.95	65.29	30.56	0.43
Bisenzio	Bisenzio_V-Fiume	212	Max WS	TR30_03h	182.89	111.19	114.18		114.42	0.002441	2.18	83.81	32.52	0.43
Bisenzio	Bisenzio_V-Fiume	212	Max WS	TR30_04h	215.53	111.19	114.48		114.75	0.002405	2.30	93.78	32.97	0.44
Bisenzio	Bisenzio_V-Fiume	212	Max WS	TR30_06h	248.40	111.19	114.77		115.06	0.002385	2.41	103.24	33.38	0.44
Bisenzio	Bisenzio_V-Fiume	212	Max WS	TR30_09h	248.83	111.19	114.77		115.07	0.002377	2.40	103.48	33.39	0.44
Bisenzio	Bisenzio_V-Fiume	212	Max WS	TR30_12h	236.28	111.19	114.67		114.95	0.002376	2.36	100.01	33.24	0.43
Bisenzio	Bisenzio_V-Fiume	212	Max WS	TR200_01h	181.50	111.19	114.16		114.40	0.002393	2.18	83.29	31.88	0.43
Bisenzio	Bisenzio_V-Fiume	212	Max WS	TR200_02h	352.47	111.19	115.55		115.93	0.002432	2.71	130.20	35.04	0.45
Bisenzio	Bisenzio_V-Fiume	212	Max WS	TR200_03h	449.87	111.19	116.18		116.63	0.002465	2.95	152.55	36.20	0.46
Bisenzio	Bisenzio_V-Fiume	212	Max WS	TR200_06h	521.77	111.19	116.61		117.10	0.002466	3.11	168.20	37.90	0.46
Bisenzio	Bisenzio_V-Fiume	212	Max WS	TR200_09h	487.10	111.19	116.42		116.89	0.002440	3.02	161.25	37.15	0.46
Bisenzio	Bisenzio_V-Fiume	212	Max WS	TR200_12h	448.35	111.19	116.19		116.63	0.002441	2.94	152.69	36.21	0.46
Bisenzio	Bisenzio_V-Fiume	211.9			Lat Struct									
Bisenzio	Bisenzio_V-Fiume	211.50	Max WS	TR30_01h	49.34	110.69	112.32		112.43	0.002410	1.47	33.63	25.09	0.40
Bisenzio	Bisenzio_V-Fiume	211.50	Max WS	TR30_02h	127.07	110.69	113.41		113.62	0.002372	2.02	62.93	28.09	0.43
Bisenzio	Bisenzio_V-Fiume	211.50	Max WS	TR30_03h	182.88	110.69	113.99		114.26	0.002425	2.30	79.59	29.40	0.45
Bisenzio	Bisenzio_V-Fiume	211.50	Max WS	TR30_04h	215.53	110.69	114.29		114.59	0.002464	2.44	88.41	30.06	0.45
Bisenzio	Bisenzio_V-Fiume	211.50	Max WS	TR30_06h	248.43	110.69	114.57		114.90	0.002499	2.56	96.86	30.69	0.46
Bisenzio	Bisenzio_V-Fiume	211.50	Max WS	TR30_09h	248.87	110.69	114.58		114.91	0.002490	2.56	97.10	30.70	0.46
Bisenzio	Bisenzio_V-Fiume	211.50	Max WS	TR30_12h	236.34	110.69	114.47		114.80	0.002470	2.51	94.01	30.48	0.46
Bisenzio	Bisenzio_V-Fiume	211.50	Max WS	TR200_01h	181.48	110.69	113.98		114.25	0.002426	2.29	79.17	29.37	0.45
Bisenzio	Bisenzio_V-Fiume	211.50	Max WS	TR200_02h	352.46	110.69	115.33		115.76	0.002629	2.91	121.00	32.48	0.48
Bisenzio	Bisenzio_V-Fiume	211.50	Max WS	TR200_03h	449.87	110.69	115.94		116.46	0.002748	3.18	141.34	34.07	0.50
Bisenzio	Bisenzio_V-Fiume	211.50	Max WS	TR200_06h	520.39	110.69	116.36		116.93	0.002769	3.34	155.79	35.43	0.51
Bisenzio	Bisenzio_V-Fiume	211.50	Max WS	TR200_09h	487.16	110.69	116.18		116.72	0.002756	3.26	149.43	34.90	0.50
Bisenzio	Bisenzio_V-Fiume	211.50	Max WS	TR200_12h	448.45	110.69	115.95		116.46	0.002720	3.17	141.53	34.09	0.50
Bisenzio	Bisenzio_V-Fiume	211	Max WS	TR30_01h	49.31	110.24	112.15		112.27	0.002375	1.52	32.52	22.61	0.40
Bisenzio	Bisenzio_V-Fiume	211	Max WS	TR30_02h	127.05	110.24	113.21		113.46	0.002623	2.19	58.29	25.53	0.45
Bisenzio	Bisenzio_V-Fiume	211	Max WS	TR30_03h	182.87	110.24	113.77		114.10	0.002768	2.55	72.76	26.85	0.48
Bisenzio	Bisenzio_V-Fiume	211	Max WS	TR30_04h	215.53	110.24	114.05		114.43	0.002855	2.73	80.39	27.53	0.49
Bisenzio	Bisenzio_V-Fiume	211	Max WS	TR30_06h	248.45	110.24	114.31		114.74	0.002929	2.89	87.74	28.16	0.50
Bisenzio	Bisenzio_V-Fiume	211	Max WS	TR30_09h	248.91	110.24	114.32		114.74	0.002918	2.89	87.96	28.18	0.50
Bisenzio	Bisenzio_V-Fiume	211	Max WS	TR30_12h	236.39	110.24	114.23		114.63	0.002881	2.83	85.30	27.95	0.50
Bisenzio	Bisenzio_V-Fiume	211	Max WS	TR200_01h	181.45	110.24	113.75		114.08	0.002767	2.54	72.39	26.82	0.48
Bisenzio	Bisenzio_V-Fiume	211	Max WS	TR200_02h	352.46	110.24	115.03		115.60	0.003167	3.35	108.64	29.88	0.53
Bisenzio	Bisenzio_V-Fiume	211	Max WS	TR200_03h	449.86	110.24	115.61		116.30	0.003363	3.72	126.22	31.25	0.56
Bisenzio	Bisenzio_V-Fiume	211	Max WS	TR200_06h	521.09	110.24	116.01		116.78	0.003434	3.94	138.92	32.48	0.57
Bisenzio	Bisenzio_V-Fiume	211	Max WS	TR200_09h	487.38	110.24	115.83		116.56	0.003383	3.83	133.31	31.79	0.56
Bisenzio	Bisenzio_V-Fiume	211	Max WS	TR200_12h	448.53	110.24	115.62		116.30	0.003324	3.70	126.48	31.27	0.56
Bisenzio	Bisenzio_V-Fiume	209	Max WS	TR30_01h	49.28	109.68	112.02		112.11	0.001480	1.33	37.12	21.60	0.32
Bisenzio	Bisenzio_V-Fiume	209	Max WS	TR30_02h	127.03	109.68	113.03		113.26	0.002494	2.11	60.16	25.18	0.44
Bisenzio	Bisenzio_V-Fiume	209	Max WS	TR30_03h	182.87	109.68	113.56		113.87	0.002879	2.46	74.45	27.42	0.48
Bisenzio	Bisenzio_V-Fiume	209	Max WS	TR30_04h	215.54	109.68	113.84		114.19	0.002993	2.63	82.09	27.97	0.49
Bisenzio	Bisenzio_V-Fiume	209	Max WS	TR30_06h	248.48	109.68	114.10		114.49	0.003091	2.78	89.42	28.50	0.50
Bisenzio	Bisenzio_V-Fiume	209	Max WS	TR30_09h	248.94	109.68	114.11		114.50	0.003077	2.78	89.68	28.52	0.50
Bisenzio	Bisenzio_V-Fiume	209	Max WS	TR30_12h	236.45	109.68	114.02		114.39	0.003030	2.72	87.05	28.33	0.49
Bisenzio	Bisenzio_V-Fiume	209	Max WS	TR200_01h	181.43	109.68	113.55		113.86	0.002875	2.45	74.09	27.39	0.48
Bisenzio	Bisenzio_V-Fiume	209	Max WS	TR200_02h	352.46	109.68	114.81		115.33	0.003385	3.20	110.10	29.92	0.53
Bisenzio	Bisenzio_V-Fiume	209	Max WS	TR200_03h	449.08	109.68	115.38		116.01	0.003556	3.53	127.22	30.17	0.55
Bisenzio	Bisenzio_V-Fiume	209	Max WS	TR200_06h	520.28	109.68	115.77		116.48	0.003652	3.74	139.16	30.35	0.56
Bisenzio	Bisenzio_V-Fiume	209	Max WS	TR200_09h	486.46	109.68	115.60		116.27	0.003569	3.63	134.05	30.27	0.55
Bisenzio	Bisenzio_V-Fiume	209	Max WS	TR200_12h	447.82	109.68	115.39		116.02	0.003507	3.51	127.57	30.18	0.55
Bisenzio	Bisenzio_V-Fiume	208	Max WS	TR30_01h	49.27	109.43	111.99		112.09	0.001953	1.44	34.13	21.63	0.37
Bisenzio	Bisenzio_V-Fiume	208	Max WS	TR30_02h	127.03	109.43	112.97		113.23	0.002861	2.28	58.83	22.35	0.46
Bisenzio	Bisenzio_V-Fiume	208	Max WS	TR30_03h	182.87	109.43	113.47		113.85	0.003398	2.73	67.03	22.53	0.51
Bisenzio	Bisenzio_V-Fiume	208	Max WS	TR30_04h	215.57	109.43	113.72		114.17	0.003687	2.96	72.77	22.62	0.53
Bisenzio	Bisenzio_V-Fiume	208	Max WS	TR30_06h	248.75	109.43	113.96		114.47	0.003968	3.18	78.13	22.71	0.55
Bisenzio	Bisenzio_V-Fiume	208	Max WS	TR30_09h	249.47	109.43	113.96		114.48	0.003967	3.19	78.28	22.71	0.55
Bisenzio	Bisenzio_V-Fiume	208	Max WS	TR30_12h	237.01	109.43	113.88		114.37	0.003857	3.10	76.36	22.68	0.54
Bisenzio	Bisenzio_V-Fiume	208	Max WS	TR200_01h	181.43	109.43	113.45		113.83	0.003387	2.72	66.76	22.53	0.50
Bisenzio	Bisenzio_V-Fiume	208	Max WS	TR200_02h	352.46	109.43	114.60		115.34	0.004764	3.79	92.91	22.95	0.60
Bisenzio	Bisenzio_V-Fiume	208	Max WS	TR200_03h	448.73	109.43	115.13		116.06	0.005385	4.27	105.08	23.11	0.64
Bisenzio	Bisenzio_V-Fiume	208	Max WS	TR200_06h	519.42	109.43	115.50		116.57	0.005752	4.57	113.61	23.22	0.66
Bisenzio	Bisenzio_V-Fiume	208	Max WS	TR200_09h	486.80	109.43	115.34		116.34	0.005570	4.43	109.84	23.17	0.65
Bisenzio	Bisenzio_V-Fiume	208	Max WS	TR200_12h	448.61	109.43	115.14		116.07	0.005361	4.26	105.22	23.11	0.64
Bisenzio	Bisenzio_V-Fiume	207	Max WS	TR30_01h	49.23	109.83	111.83		111.93	0.001952	1.42	34.98	23.60	0.37
Bisenzio	Bisenzio_V-Fiume	207	Max WS	TR30_02h	127.02	109.83	112.74		113.00	0.002843	2.28	56.69	24.50	0.47
Bisenzio	Bisenzio_V-Fiume	207	Max WS	TR30_03h	182.87	109.83	113.19		113.57	0.003385	2.76	67.86	24.95	0.52
Bisenzio	Bisenzio_V-Fiume	207	Max WS	TR30_04h	215.58	109.83	113.42		113.87	0.003674	3.00	73.58	25.18	0.55
Bisenzio	Bisenzio_V-Fiume	207	Max WS	TR30_06h	248.89	109.83	113.63		114.16	0.003963	3.24	78.89	25.39	0.57
Bisenzio	Bisenzio_V-Fiume	207	Max WS	TR30_09h	249.78	109.83	113.63		114.16	0.003969	3.25	79.04	25.39	0.57
Bisenzio	Bisenzio_V-Fiume	207	Max WS	TR30_12h	237.39	109.83	113.56		114.06	0.003861	3.16	77.13	25.32	0.56
Bisenzio	Bisenzio_V-Fiume	207	Max WS	TR200_01h	181.40	109.83	113.18		113.56	0.003373	2.75	67.59	24.94	0.52
Bisenzio	Bisenzio_V-Fiume	207	Max WS	TR200_02h	352.45	109.83	114.20		114.96	0.004730	3.89	93.74	25.96	0.63
Bisenzio	Bisenzio_V-Fiume	207	Max WS											

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio_V-Fiume	206	Max WS	TR200_01h	181.38	109.70	113.05		113.31	0.002498	2.24	81.10	31.11	0.44
Bisenzio	Bisenzio_V-Fiume	206	Max WS	TR200_02h	352.45	109.70	114.02		114.53	0.003424	3.16	111.89	32.21	0.54
Bisenzio	Bisenzio_V-Fiume	206	Max WS	TR200_03h	449.67	109.70	114.45		115.11	0.003882	3.60	125.63	32.64	0.58
Bisenzio	Bisenzio_V-Fiume	206	Max WS	TR200_06h	523.18	109.70	114.74		115.51	0.004188	3.89	135.21	32.93	0.60
Bisenzio	Bisenzio_V-Fiume	206	Max WS	TR200_09h	489.95	109.70	114.61		115.33	0.004051	3.76	130.97	32.80	0.59
Bisenzio	Bisenzio_V-Fiume	206	Max WS	TR200_12h	450.49	109.70	114.45		115.11	0.003882	3.60	125.78	32.64	0.58
Bisenzio	Bisenzio_V-Fiume	205	Max WS	TR30_01h	49.21	110.08	111.51	110.90	111.61	0.002345	1.37	35.82	28.30	0.39
Bisenzio	Bisenzio_V-Fiume	205	Max WS	TR30_02h	127.00	110.08	112.28	111.52	112.51	0.003301	2.16	62.24	44.57	0.49
Bisenzio	Bisenzio_V-Fiume	205	Max WS	TR30_03h	182.85	110.08	112.65	111.88	112.97	0.003678	2.55	79.90	48.82	0.53
Bisenzio	Bisenzio_V-Fiume	205	Max WS	TR30_04h	215.58	110.08	112.84	112.13	113.21	0.003862	2.74	89.39	50.96	0.55
Bisenzio	Bisenzio_V-Fiume	205	Max WS	TR30_06h	248.94	110.08	113.02	112.33	113.42	0.004064	2.92	98.25	52.88	0.57
Bisenzio	Bisenzio_V-Fiume	205	Max WS	TR30_09h	249.89	110.08	113.02	112.33	113.43	0.004070	2.92	98.49	52.93	0.57
Bisenzio	Bisenzio_V-Fiume	205	Max WS	TR30_12h	237.53	110.08	112.96	112.26	113.35	0.003994	2.86	95.30	52.25	0.56
Bisenzio	Bisenzio_V-Fiume	205	Max WS	TR200_01h	181.37	110.08	112.64	111.86	112.96	0.003670	2.54	79.46	48.72	0.53
Bisenzio	Bisenzio_V-Fiume	205	Max WS	TR200_02h	352.44	110.08	113.48	112.84	114.02	0.004573	3.41	125.71	63.39	0.61
Bisenzio	Bisenzio_V-Fiume	205	Max WS	TR200_03h	449.67	110.08	113.86	113.12	114.48	0.004811	3.74	150.25	66.92	0.63
Bisenzio	Bisenzio_V-Fiume	205	Max WS	TR200_06h	523.13	110.08	114.11	113.56	114.80	0.004960	3.95	167.67	69.31	0.65
Bisenzio	Bisenzio_V-Fiume	205	Max WS	TR200_09h	490.10	110.08	114.00	113.45	114.66	0.004900	3.86	159.89	68.25	0.64
Bisenzio	Bisenzio_V-Fiume	205	Max WS	TR200_12h	450.67	110.08	113.86	113.13	114.49	0.004813	3.74	150.50	66.95	0.63
Bisenzio	Bisenzio_V-Fiume	203.5			Inl Struct									
Bisenzio	Bisenzio_V-Fiume	203	Max WS	TR30_01h	49.15	108.35	110.49		110.54	0.000865	1.04	47.40	27.07	0.25
Bisenzio	Bisenzio_V-Fiume	203	Max WS	TR30_02h	126.98	108.35	111.47		111.61	0.001438	1.68	75.38	29.51	0.34
Bisenzio	Bisenzio_V-Fiume	203	Max WS	TR30_03h	182.84	108.35	111.94		112.15	0.001777	2.04	89.68	36.50	0.38
Bisenzio	Bisenzio_V-Fiume	203	Max WS	TR30_04h	215.57	108.35	112.16		112.41	0.001946	2.24	98.91	43.60	0.40
Bisenzio	Bisenzio_V-Fiume	203	Max WS	TR30_06h	248.93	108.35	112.36		112.65	0.002105	2.41	107.82	44.60	0.42
Bisenzio	Bisenzio_V-Fiume	203	Max WS	TR30_09h	249.89	108.35	112.37		112.66	0.002109	2.42	108.08	44.63	0.42
Bisenzio	Bisenzio_V-Fiume	203	Max WS	TR30_12h	237.53	108.35	112.29		112.57	0.002051	2.35	104.87	44.27	0.41
Bisenzio	Bisenzio_V-Fiume	203	Max WS	TR200_01h	181.32	108.35	111.93		112.14	0.001770	2.04	89.26	35.69	0.38
Bisenzio	Bisenzio_V-Fiume	203	Max WS	TR200_02h	352.43	108.35	112.90		113.31	0.002537	2.89	132.81	50.37	0.47
Bisenzio	Bisenzio_V-Fiume	203	Max WS	TR200_03h	449.65	108.35	113.31		113.84	0.002910	3.29	155.81	61.76	0.51
Bisenzio	Bisenzio_V-Fiume	203	Max WS	TR200_06h	522.72	108.35	113.58		114.18	0.003121	3.53	172.96	64.10	0.53
Bisenzio	Bisenzio_V-Fiume	203	Max WS	TR200_09h	490.10	108.35	113.47		114.03	0.003025	3.42	165.55	63.10	0.52
Bisenzio	Bisenzio_V-Fiume	203	Max WS	TR200_12h	450.67	108.35	113.32		113.85	0.002910	3.29	156.13	61.81	0.51
Bisenzio	Bisenzio_V-Fiume	202	Max WS	TR30_01h	49.13	107.70	110.40		110.46	0.001083	1.12	43.76	25.17	0.27
Bisenzio	Bisenzio_V-Fiume	202	Max WS	TR30_02h	126.96	107.70	111.29		111.47	0.001995	1.89	68.06	34.28	0.38
Bisenzio	Bisenzio_V-Fiume	202	Max WS	TR30_03h	182.83	107.70	111.72		111.98	0.002388	2.27	85.94	45.01	0.43
Bisenzio	Bisenzio_V-Fiume	202	Max WS	TR30_04h	215.57	107.70	111.92		112.23	0.002619	2.47	95.37	47.45	0.45
Bisenzio	Bisenzio_V-Fiume	202	Max WS	TR30_06h	248.95	107.70	112.11		112.46	0.002839	2.66	104.38	49.66	0.47
Bisenzio	Bisenzio_V-Fiume	202	Max WS	TR30_09h	249.93	107.70	112.12		112.46	0.002844	2.67	104.66	49.73	0.48
Bisenzio	Bisenzio_V-Fiume	202	Max WS	TR30_12h	237.59	107.70	112.05		112.38	0.002766	2.60	101.38	48.93	0.47
Bisenzio	Bisenzio_V-Fiume	202	Max WS	TR200_01h	181.29	107.70	111.71		111.97	0.002377	2.26	85.48	44.89	0.43
Bisenzio	Bisenzio_V-Fiume	202	Max WS	TR200_02h	352.41	107.70	112.61		113.09	0.003408	3.15	133.10	65.89	0.53
Bisenzio	Bisenzio_V-Fiume	202	Max WS	TR200_03h	449.65	107.70	113.00		113.57	0.003863	3.49	160.86	77.27	0.57
Bisenzio	Bisenzio_V-Fiume	202	Max WS	TR200_06h	522.71	107.70	113.27		113.87	0.004047	3.67	182.13	81.76	0.59
Bisenzio	Bisenzio_V-Fiume	202	Max WS	TR200_09h	490.27	107.70	113.15		113.74	0.003991	3.60	172.79	80.17	0.58
Bisenzio	Bisenzio_V-Fiume	202	Max WS	TR200_12h	450.80	107.70	113.01		113.57	0.003866	3.50	161.23	77.41	0.57
Bisenzio	Bisenzio_V-Fiume	201.50	Max WS	TR30_01h	49.13	108.11	110.14		110.31	0.004771	1.85	26.53	22.98	0.55
Bisenzio	Bisenzio_V-Fiume	201.50	Max WS	TR30_02h	126.96	108.11	110.95		111.29	0.005938	2.57	49.33	30.75	0.65
Bisenzio	Bisenzio_V-Fiume	201.50	Max WS	TR30_03h	182.83	108.11	111.42		111.81	0.006210	2.80	66.22	45.28	0.68
Bisenzio	Bisenzio_V-Fiume	201.50	Max WS	TR30_04h	215.57	108.11	111.62		112.05	0.005992	2.95	75.41	46.65	0.67
Bisenzio	Bisenzio_V-Fiume	201.50	Max WS	TR30_06h	248.96	108.11	111.80		112.28	0.005863	3.09	83.96	47.75	0.68
Bisenzio	Bisenzio_V-Fiume	201.50	Max WS	TR30_09h	249.96	108.11	111.80		112.28	0.005860	3.10	84.21	47.79	0.68
Bisenzio	Bisenzio_V-Fiume	201.50	Max WS	TR30_12h	237.64	108.11	111.74		112.20	0.005896	3.04	81.14	47.38	0.68
Bisenzio	Bisenzio_V-Fiume	201.50	Max WS	TR200_01h	181.28	108.11	111.41		111.80	0.006220	2.79	65.77	45.21	0.68
Bisenzio	Bisenzio_V-Fiume	201.50	Max WS	TR200_02h	352.42	108.11	112.28		112.89	0.005686	3.50	107.85	50.05	0.69
Bisenzio	Bisenzio_V-Fiume	201.50	Max WS	TR200_03h	449.65	108.11	112.70		113.38	0.005383	3.75	139.58	75.41	0.69
Bisenzio	Bisenzio_V-Fiume	201.50	Max WS	TR200_06h	522.69	108.11	112.95		113.68	0.005318	3.93	158.68	77.05	0.69
Bisenzio	Bisenzio_V-Fiume	201.50	Max WS	TR200_09h	490.33	108.11	112.84		113.55	0.005352	3.86	150.29	76.36	0.69
Bisenzio	Bisenzio_V-Fiume	201.50	Max WS	TR200_12h	450.89	108.11	112.70		113.39	0.005381	3.76	139.92	75.44	0.69
Bisenzio	Bisenzio_V-Fiume	201	Max WS	TR30_01h	49.12	108.52	110.00	109.25	110.07	0.001660	1.17	42.10	33.48	0.33
Bisenzio	Bisenzio_V-Fiume	201	Max WS	TR30_02h	126.96	108.52	110.76	109.84	110.91	0.002520	1.77	71.87	41.82	0.43
Bisenzio	Bisenzio_V-Fiume	201	Max WS	TR30_03h	182.83	108.52	111.16	110.23	111.38	0.002645	2.05	89.92	51.17	0.45
Bisenzio	Bisenzio_V-Fiume	201	Max WS	TR30_04h	215.57	108.52	111.38	110.40	111.62	0.002654	2.18	101.53	57.65	0.46
Bisenzio	Bisenzio_V-Fiume	201	Max WS	TR30_06h	248.98	108.52	111.56	110.56	111.83	0.002705	2.32	112.55	59.19	0.47
Bisenzio	Bisenzio_V-Fiume	201	Max WS	TR30_09h	250.00	108.52	111.57	110.56	111.84	0.002706	2.32	112.88	59.20	0.47
Bisenzio	Bisenzio_V-Fiume	201	Max WS	TR30_12h	237.68	108.52	111.50	110.51	111.76	0.002686	2.27	108.95	59.11	0.47
Bisenzio	Bisenzio_V-Fiume	201	Max WS	TR200_01h	181.27	108.52	111.15	110.22	111.36	0.002646	2.04	89.36	50.84	0.45
Bisenzio	Bisenzio_V-Fiume	201	Max WS	TR200_02h	352.41	108.52	112.06	110.97	112.41	0.002875	2.67	141.92	59.83	0.50
Bisenzio	Bisenzio_V-Fiume	201	Max WS	TR200_03h	449.65	108.52	112.46	111.38	112.88	0.003003	2.96	165.95	60.34	0.52
Bisenzio	Bisenzio_V-Fiume	201	Max WS	TR200_06h	522.72	108.52	112.73	111.64	113.21	0.003082	3.14	182.59	60.70	0.53
Bisenzio	Bisenzio_V-Fiume	201	Max WS	TR200_09h	490.40	108.52	112.61	111.53	113.07	0.003048	3.06	175.36	60.54	0.52
Bisenzio	Bisenzio_V-Fiume	201	Max WS	TR200_12h	450.98	108.52	112.46	111.39	112.89	0.003005	2.96	166.26	60.35	0.52
Bisenzio	Bisenzio_V-Fiume	199.5			Inl Struct									
Bisenzio	Bisenzio_V-Fiume	199	Max WS	TR30_01h	49.11	104.71	106.64		106.69	0.000660	0.90	54.81	29.47	0.21
Bisenzio	Bisenzio_V-Fiume	199	Max WS	TR30_02h	126.95	104.71	107.65		107.76	0.001154	1.48	86.00	32.13	0.29
Bisenzio	Bisenzio_V-Fiume	199	Max WS	TR30_03h	182.82	104.71	108.15		108.32	0.001389	1.79	102.42	32.47	0.32
Bisenzio	Bisenzio_V-Fiume	199	Max WS	TR30_04h	215.57	104.71	108.41		108.61	0.001505	1.94	110.96	33.68	0.34
Bisenzio	Bisenzio_V-Fiume	199	Max WS	TR30_06h	248.98	104.71	108.65		108.87	0.001619	2.10	119.14	35.79	0.35
Bisenzio	Bisenzio_V-Fiume	199	Max WS	TR30_09h	250.00	104.71	108.66		108.88	0.001621	2.10	119.40	35.86	0.35
Bisenzio	Bisenzio_V-Fiume	199	Max WS	TR30_12h	237.68	104.71	108.57		108.79	0.001581	2.05	116.39	35.10	0.35
Bisenzio	Bisenzio_V-Fiume	199												

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio_V-Fiume	198	Max WS	TR30_12h	237.76	104.65	107.80	107.77	108.78	0.010735	4.46	57.31	29.57	0.92
Bisenzio	Bisenzio_V-Fiume	198	Max WS	TR200_01h	181.24	104.65	107.43	107.37	108.27	0.010669	4.08	46.74	27.79	0.90
Bisenzio	Bisenzio_V-Fiume	198	Max WS	TR200_02h	352.40	104.65	108.44	108.44	109.66	0.010640	5.53	77.24	32.35	0.95
Bisenzio	Bisenzio_V-Fiume	198	Max WS	TR200_03h	449.64	104.65	108.91	108.91	110.30	0.010510	5.39	92.99	34.25	0.96
Bisenzio	Bisenzio_V-Fiume	198	Max WS	TR200_06h	522.58	104.65	109.23	109.23	110.73	0.010271	5.65	104.49	41.37	0.96
Bisenzio	Bisenzio_V-Fiume	198	Max WS	TR200_09h	490.59	104.65	109.09	109.08	110.54	0.010366	5.53	99.34	36.36	0.96
Bisenzio	Bisenzio_V-Fiume	198	Max WS	TR200_12h	451.17	104.65	108.92	108.92	110.31	0.010499	5.39	93.26	34.28	0.96
Bisenzio	Bisenzio_V-Fiume	197	Max WS	TR30_01h	49.09	103.45	105.40		105.62	0.006730	2.08	23.58	22.56	0.65
Bisenzio	Bisenzio_V-Fiume	197	Max WS	TR30_02h	126.93	103.45	106.19		106.63	0.007698	2.92	43.42	27.33	0.74
Bisenzio	Bisenzio_V-Fiume	197	Max WS	TR30_03h	182.81	103.45	106.61		107.17	0.007530	3.32	55.13	28.43	0.76
Bisenzio	Bisenzio_V-Fiume	197	Max WS	TR30_04h	215.57	103.45	106.83		107.46	0.007451	3.52	61.43	28.92	0.76
Bisenzio	Bisenzio_V-Fiume	197	Max WS	TR30_06h	249.02	103.45	107.04		107.74	0.007386	3.70	67.57	29.39	0.77
Bisenzio	Bisenzio_V-Fiume	197	Max WS	TR30_09h	250.11	103.45	107.05		107.75	0.007383	3.71	67.77	29.40	0.77
Bisenzio	Bisenzio_V-Fiume	197	Max WS	TR30_12h	237.82	103.45	106.97		107.65	0.007406	3.64	65.54	29.24	0.77
Bisenzio	Bisenzio_V-Fiume	197	Max WS	TR200_01h	181.23	103.45	106.60		107.16	0.007538	3.31	54.81	28.41	0.76
Bisenzio	Bisenzio_V-Fiume	197	Max WS	TR200_02h	352.39	103.45	107.63		108.52	0.007227	4.17	85.28	30.70	0.78
Bisenzio	Bisenzio_V-Fiume	197	Max WS	TR200_03h	449.64	103.45	108.12		109.17	0.007156	4.54	100.51	31.78	0.80
Bisenzio	Bisenzio_V-Fiume	197	Max WS	TR200_06h	522.62	103.45	108.45		109.61	0.007170	4.79	111.07	32.51	0.81
Bisenzio	Bisenzio_V-Fiume	197	Max WS	TR200_09h	490.73	103.45	108.31		109.42	0.007158	4.69	106.55	32.20	0.80
Bisenzio	Bisenzio_V-Fiume	197	Max WS	TR200_12h	451.30	103.45	108.13		109.18	0.007151	4.55	100.78	31.80	0.80
Bisenzio	Bisenzio_V-Fiume	196	Max WS	TR30_01h	49.08	102.70	105.16	104.11	105.19	0.000563	0.76	64.47	41.96	0.19
Bisenzio	Bisenzio_V-Fiume	196	Max WS	TR30_02h	126.92	102.70	105.86	104.58	105.95	0.001119	1.36	94.25	43.23	0.29
Bisenzio	Bisenzio_V-Fiume	196	Max WS	TR30_03h	182.81	102.70	106.25	104.86	106.39	0.001376	1.67	111.27	43.94	0.33
Bisenzio	Bisenzio_V-Fiume	196	Max WS	TR30_04h	215.57	102.70	106.45	105.01	106.62	0.001504	1.83	120.42	44.51	0.35
Bisenzio	Bisenzio_V-Fiume	196	Max WS	TR30_06h	249.05	102.70	106.65	105.15	106.85	0.001609	1.97	129.27	44.87	0.36
Bisenzio	Bisenzio_V-Fiume	196	Max WS	TR30_09h	250.16	102.70	106.66	105.16	106.85	0.001612	1.97	129.56	44.88	0.36
Bisenzio	Bisenzio_V-Fiume	196	Max WS	TR30_12h	237.89	102.70	106.59	105.10	106.77	0.001576	1.92	126.36	44.75	0.36
Bisenzio	Bisenzio_V-Fiume	196	Max WS	TR200_01h	181.21	102.70	106.24	104.85	106.38	0.001370	1.66	110.82	43.92	0.33
Bisenzio	Bisenzio_V-Fiume	196	Max WS	TR200_02h	352.39	102.70	107.20	105.56	107.48	0.001864	2.35	154.35	45.88	0.40
Bisenzio	Bisenzio_V-Fiume	196	Max WS	TR200_03h	449.64	102.70	107.65	105.90	108.01	0.002055	2.65	175.75	52.34	0.42
Bisenzio	Bisenzio_V-Fiume	196	Max WS	TR200_06h	522.66	102.70	107.96	106.15	108.37	0.002157	2.86	192.06	53.30	0.44
Bisenzio	Bisenzio_V-Fiume	196	Max WS	TR200_09h	490.89	102.70	107.83	106.04	108.22	0.002115	2.77	185.07	52.89	0.43
Bisenzio	Bisenzio_V-Fiume	196	Max WS	TR200_12h	451.45	102.70	107.66	105.91	108.02	0.002057	2.66	176.17	52.36	0.42
Bisenzio	Bisenzio_V-Fiume	194.5			Inl Struct									
Bisenzio	Bisenzio_V-Fiume	194	Max WS	TR30_01h	49.07	100.35	102.34		102.38	0.001074	0.96	51.15	38.67	0.27
Bisenzio	Bisenzio_V-Fiume	194	Max WS	TR30_02h	126.91	100.35	103.41		103.50	0.001052	1.36	93.66	40.92	0.29
Bisenzio	Bisenzio_V-Fiume	194	Max WS	TR30_03h	182.80	100.35	103.93		104.06	0.001109	1.59	115.26	42.01	0.30
Bisenzio	Bisenzio_V-Fiume	194	Max WS	TR30_04h	215.57	100.35	104.21		104.35	0.001125	1.71	127.04	42.57	0.31
Bisenzio	Bisenzio_V-Fiume	194	Max WS	TR30_06h	249.04	100.35	104.49		104.65	0.001123	1.81	139.03	43.13	0.31
Bisenzio	Bisenzio_V-Fiume	194	Max WS	TR30_09h	250.16	100.35	104.50		104.66	0.001123	1.81	139.45	43.15	0.31
Bisenzio	Bisenzio_V-Fiume	194	Max WS	TR30_12h	237.89	100.35	104.40		104.56	0.001122	1.77	135.16	42.95	0.31
Bisenzio	Bisenzio_V-Fiume	194	Max WS	TR200_01h	181.18	100.35	103.91		104.04	0.001107	1.59	114.68	41.99	0.30
Bisenzio	Bisenzio_V-Fiume	194	Max WS	TR200_02h	352.38	100.35	105.22		105.44	0.001162	2.10	171.16	44.60	0.33
Bisenzio	Bisenzio_V-Fiume	194	Max WS	TR200_03h	449.64	100.35	105.80		106.08	0.001208	2.33	197.55	45.78	0.34
Bisenzio	Bisenzio_V-Fiume	194	Max WS	TR200_06h	522.66	100.35	106.19		106.51	0.001245	2.50	215.59	46.56	0.35
Bisenzio	Bisenzio_V-Fiume	194	Max WS	TR200_09h	490.88	100.35	106.03		106.33	0.001226	2.43	208.05	46.23	0.35
Bisenzio	Bisenzio_V-Fiume	194	Max WS	TR200_12h	451.45	100.35	105.81		106.09	0.001207	2.34	198.14	45.80	0.34
Bisenzio	Bisenzio_V-Fiume	193	Max WS	TR30_01h	49.07	100.16	102.01	101.49	102.25	0.004937	2.19	22.44	14.86	0.57
Bisenzio	Bisenzio_V-Fiume	193	Max WS	TR30_02h	126.91	100.16	102.92	102.47	103.52	0.007794	3.45	36.76	16.57	0.74
Bisenzio	Bisenzio_V-Fiume	193	Max WS	TR30_03h	182.80	100.16	103.45	103.02	104.26	0.008588	3.98	45.91	17.61	0.79
Bisenzio	Bisenzio_V-Fiume	193	Max WS	TR30_04h	215.57	100.16	103.74	103.31	104.64	0.009146	4.22	51.11	18.92	0.82
Bisenzio	Bisenzio_V-Fiume	193	Max WS	TR30_06h	249.06	100.16	104.00	103.61	105.00	0.009806	4.43	56.25	20.55	0.85
Bisenzio	Bisenzio_V-Fiume	193	Max WS	TR30_09h	250.19	100.16	104.01	103.62	105.01	0.009819	4.43	56.44	20.60	0.86
Bisenzio	Bisenzio_V-Fiume	193	Max WS	TR30_12h	237.92	100.16	103.91	103.51	104.88	0.009604	4.36	54.55	20.02	0.84
Bisenzio	Bisenzio_V-Fiume	193	Max WS	TR200_01h	181.19	100.16	103.44	103.00	104.24	0.008564	3.97	45.64	17.55	0.79
Bisenzio	Bisenzio_V-Fiume	193	Max WS	TR200_02h	352.38	100.16	104.69	104.47	105.91	0.010887	4.89	72.09	24.91	0.92
Bisenzio	Bisenzio_V-Fiume	193	Max WS	TR200_03h	449.64	100.16	105.25	105.10	106.62	0.011187	5.17	86.92	28.40	0.94
Bisenzio	Bisenzio_V-Fiume	193	Max WS	TR200_06h	522.68	100.16	105.63	105.50	107.08	0.011162	5.33	98.24	33.79	0.95
Bisenzio	Bisenzio_V-Fiume	193	Max WS	TR200_09h	490.96	100.16	105.47	105.33	106.88	0.011172	5.26	93.31	29.77	0.95
Bisenzio	Bisenzio_V-Fiume	193	Max WS	TR200_12h	451.52	100.16	105.26	105.11	106.63	0.011159	5.17	87.30	28.48	0.94
Bisenzio	Bisenzio_V-Fiume	192	Max WS	TR30_01h	49.07	99.92	101.66		101.90	0.007698	2.13	22.99	23.45	0.69
Bisenzio	Bisenzio_V-Fiume	192	Max WS	TR30_02h	126.90	99.92	102.52		102.94	0.006675	2.87	44.59	27.09	0.70
Bisenzio	Bisenzio_V-Fiume	192	Max WS	TR30_03h	182.79	99.92	102.98		103.51	0.006277	3.23	57.50	28.59	0.71
Bisenzio	Bisenzio_V-Fiume	192	Max WS	TR30_04h	215.57	99.92	103.22		103.81	0.006062	3.42	64.58	29.27	0.71
Bisenzio	Bisenzio_V-Fiume	192	Max WS	TR30_06h	249.07	99.92	103.46		104.11	0.005891	3.58	71.52	29.91	0.71
Bisenzio	Bisenzio_V-Fiume	192	Max WS	TR30_09h	250.22	99.92	103.47		104.12	0.005878	3.59	71.78	29.94	0.71
Bisenzio	Bisenzio_V-Fiume	192	Max WS	TR30_12h	237.96	99.92	103.38		104.01	0.005938	3.53	69.27	29.71	0.71
Bisenzio	Bisenzio_V-Fiume	192	Max WS	TR200_01h	181.15	99.92	102.97		103.49	0.006293	3.23	57.13	28.56	0.71
Bisenzio	Bisenzio_V-Fiume	192	Max WS	TR200_02h	352.36	99.92	104.11		104.92	0.005530	4.03	91.63	31.72	0.71
Bisenzio	Bisenzio_V-Fiume	192	Max WS	TR200_03h	449.63	99.92	104.65		105.60	0.005318	4.37	109.25	33.21	0.71
Bisenzio	Bisenzio_V-Fiume	192	Max WS	TR200_06h	522.70	99.92	105.03		106.08	0.005187	4.60	122.00	34.26	0.72
Bisenzio	Bisenzio_V-Fiume	192	Max WS	TR200_09h	491.05	99.92	104.87		105.88	0.005225	4.50	116.65	33.82	0.72
Bisenzio	Bisenzio_V-Fiume	192	Max WS	TR200_12h	451.61	99.92	104.67		105.62	0.005293	4.38	109.75	33.26	0.71
Bisenzio	Bisenzio_V-Fiume	191	Max WS	TR30_01h	49.00	98.14	100.32		100.45	0.002484	1.59	30.88	20.59	0.41
Bisenzio	Bisenzio_V-Fiume	191	Max WS	TR30_02h	126.84	98.14	101.28		101.58	0.003556	2.44	52.06	23.41	0.52
Bisenzio	Bisenzio_V-Fiume	191	Max WS	TR30_03h	182.76	98.14	101.81		102.21	0.003768	2.82	65.63	28.56	0.55
Bisenzio	Bisenzio_V-Fiume	191	Max WS	TR30_04h	215.57	98.14	102.09		102.54	0.003769	2.99	74.17	31.36	0.56
Bisenzio	Bisenzio_V-Fiume	191	Max WS	TR30_06h	249.11	98.14	102.35		102.85	0.003729	3.15	82.71	33.91	0.56
Bisenzio	Bisenzio_V-Fiume	191	Max WS	TR30_09h	250.33	98.14	102.36		102.86	0.003716	3.15	83.12	33.99	0.56
Bisenzio	Bisenzio_V-Fiume	191	Max WS	TR30_12h	238.11	98.14	102.27		102.75	0.003734	3.10	79.96	33.11</	

HEC-RAS Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Chl 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
Bisenzio	Bisenzio_V-Fiume	190	Max WS	TR200_01h	181.05	98.24	101.56	100.58	101.95	0.003374	2.80	66.71	29.04	0.52
Bisenzio	Bisenzio_V-Fiume	190	Max WS	TR200_02h	352.33	98.24	102.72	101.62	103.46	0.004087	3.85	94.57	29.14	0.61
Bisenzio	Bisenzio_V-Fiume	190	Max WS	TR200_03h	449.62	98.24	103.23	102.13	104.17	0.004485	4.36	106.64	29.18	0.65
Bisenzio	Bisenzio_V-Fiume	190	Max WS	TR200_06h	522.81	98.24	103.58	102.46	104.67	0.004706	4.69	115.18	29.21	0.67
Bisenzio	Bisenzio_V-Fiume	190	Max WS	TR200_09h	491.56	98.24	103.44	102.33	104.46	0.004595	4.55	111.75	29.20	0.66
Bisenzio	Bisenzio_V-Fiume	190	Max WS	TR200_12h	452.05	98.24	103.25	102.13	104.19	0.004465	4.36	107.14	29.18	0.65
Bisenzio	Bisenzio_V-Fiume	189			Bridge									
Bisenzio	Bisenzio_V-Fiume	188	Max WS	TR30_01h	48.99	97.30	99.47		99.59	0.002235	1.50	32.68	23.94	0.39
Bisenzio	Bisenzio_V-Fiume	188	Max WS	TR30_02h	126.84	97.30	100.35		100.66	0.003518	2.44	52.26	26.26	0.51
Bisenzio	Bisenzio_V-Fiume	188	Max WS	TR30_03h	182.76	97.30	100.83		101.26	0.004023	2.91	63.10	26.40	0.55
Bisenzio	Bisenzio_V-Fiume	188	Max WS	TR30_04h	215.57	97.30	101.08		101.59	0.004207	3.15	69.01	27.70	0.57
Bisenzio	Bisenzio_V-Fiume	188	Max WS	TR30_06h	249.12	97.30	101.31		101.89	0.004407	3.38	74.50	27.75	0.60
Bisenzio	Bisenzio_V-Fiume	188	Max WS	TR30_09h	250.35	97.30	101.32		101.90	0.004397	3.39	74.78	27.75	0.59
Bisenzio	Bisenzio_V-Fiume	188	Max WS	TR30_12h	238.14	97.30	101.24		101.79	0.004339	3.31	72.77	27.73	0.59
Bisenzio	Bisenzio_V-Fiume	188	Max WS	TR200_01h	181.04	97.30	100.82		101.24	0.004011	2.90	62.78	26.39	0.55
Bisenzio	Bisenzio_V-Fiume	188	Max WS	TR200_02h	352.33	97.30	101.94		102.75	0.004874	4.00	89.61	27.89	0.64
Bisenzio	Bisenzio_V-Fiume	188	Max WS	TR200_03h	449.62	97.30	102.47		103.48	0.005174	4.48	102.27	28.01	0.68
Bisenzio	Bisenzio_V-Fiume	188	Max WS	TR200_06h	522.81	97.30	102.84		104.00	0.005332	4.80	111.18	28.10	0.70
Bisenzio	Bisenzio_V-Fiume	188	Max WS	TR200_09h	491.56	97.30	102.70		103.79	0.005218	4.65	107.76	28.07	0.69
Bisenzio	Bisenzio_V-Fiume	188	Max WS	TR200_12h	452.05	97.30	102.49		103.50	0.005130	4.48	102.89	28.02	0.68
Bisenzio	Bisenzio_V-Fiume	187	Max WS	TR30_01h	48.98	97.35	99.25		99.38	0.003404	1.60	30.76	26.79	0.47
Bisenzio	Bisenzio_V-Fiume	187	Max WS	TR30_02h	126.83	97.35	100.06		100.36	0.004018	2.42	52.83	27.47	0.55
Bisenzio	Bisenzio_V-Fiume	187	Max WS	TR30_03h	182.76	97.35	100.52		100.92	0.004261	2.83	65.33	27.83	0.58
Bisenzio	Bisenzio_V-Fiume	187	Max WS	TR30_04h	215.57	97.35	100.75		101.22	0.004376	3.04	71.98	28.01	0.60
Bisenzio	Bisenzio_V-Fiume	187	Max WS	TR30_06h	249.12	97.35	100.97		101.50	0.004551	3.25	77.98	28.18	0.61
Bisenzio	Bisenzio_V-Fiume	187	Max WS	TR30_09h	250.36	97.35	100.98		101.51	0.004530	3.25	78.35	28.19	0.61
Bisenzio	Bisenzio_V-Fiume	187	Max WS	TR30_12h	238.17	97.35	100.90		101.41	0.004488	3.18	76.10	28.13	0.61
Bisenzio	Bisenzio_V-Fiume	187	Max WS	TR200_01h	181.02	97.35	100.50		100.91	0.004258	2.82	64.95	27.82	0.58
Bisenzio	Bisenzio_V-Fiume	187	Max WS	TR200_02h	352.32	97.35	101.56		102.29	0.004985	3.80	94.76	28.64	0.65
Bisenzio	Bisenzio_V-Fiume	187	Max WS	TR200_03h	449.62	97.35	102.06		102.96	0.005266	4.22	109.21	29.19	0.68
Bisenzio	Bisenzio_V-Fiume	187	Max WS	TR200_06h	522.81	97.35	102.41		103.43	0.005412	4.50	119.63	29.62	0.69
Bisenzio	Bisenzio_V-Fiume	187	Max WS	TR200_09h	491.71	97.35	102.28		103.24	0.005273	4.36	115.84	29.46	0.68
Bisenzio	Bisenzio_V-Fiume	187	Max WS	TR200_12h	452.19	97.35	102.09		102.99	0.005192	4.21	110.13	29.23	0.67
Bisenzio	Bisenzio_V-Fiume	185	Max WS	TR30_01h	48.98	97.41	99.13		99.29	0.004678	1.79	27.57	25.99	0.55
Bisenzio	Bisenzio_V-Fiume	185	Max WS	TR30_02h	126.84	97.41	99.91		100.28	0.005255	2.67	48.33	27.00	0.63
Bisenzio	Bisenzio_V-Fiume	185	Max WS	TR30_03h	182.81	97.41	100.36		100.84	0.005441	3.10	60.41	27.57	0.65
Bisenzio	Bisenzio_V-Fiume	185	Max WS	TR30_04h	215.82	97.41	100.59		101.14	0.005535	3.31	66.89	27.87	0.67
Bisenzio	Bisenzio_V-Fiume	185	Max WS	TR30_06h	250.19	97.41	100.82		101.44	0.005602	3.52	73.76	32.75	0.68
Bisenzio	Bisenzio_V-Fiume	185	Max WS	TR30_09h	251.93	97.41	100.83		101.45	0.005599	3.53	74.14	32.76	0.68
Bisenzio	Bisenzio_V-Fiume	185	Max WS	TR30_12h	239.73	97.41	100.75		101.35	0.005601	3.46	71.54	32.67	0.67
Bisenzio	Bisenzio_V-Fiume	185	Max WS	TR200_01h	181.02	97.41	100.34		100.82	0.005435	3.09	60.05	27.55	0.65
Bisenzio	Bisenzio_V-Fiume	185	Max WS	TR200_02h	352.40	97.41	101.41		102.22	0.005637	4.02	93.52	33.46	0.70
Bisenzio	Bisenzio_V-Fiume	185	Max WS	TR200_03h	449.96	97.41	101.91		102.88	0.005661	4.42	110.40	34.10	0.72
Bisenzio	Bisenzio_V-Fiume	185	Max WS	TR200_06h	525.13	97.41	102.26		103.34	0.005706	4.70	122.32	34.58	0.73
Bisenzio	Bisenzio_V-Fiume	185	Max WS	TR200_09h	495.49	97.41	102.13		103.16	0.005659	4.59	117.91	34.40	0.73
Bisenzio	Bisenzio_V-Fiume	185	Max WS	TR200_12h	455.48	97.41	101.94		102.91	0.005656	4.44	111.36	34.14	0.72
Bisenzio	Bisenzio_V-Fiume	184	Max WS	TR30_01h	48.97	96.30	98.91		98.97	0.000742	1.06	46.30	22.58	0.24
Bisenzio	Bisenzio_V-Fiume	184	Max WS	TR30_02h	126.83	96.30	99.50		99.73	0.002299	2.11	60.12	24.24	0.43
Bisenzio	Bisenzio_V-Fiume	184	Max WS	TR30_03h	182.80	96.30	99.82		100.19	0.003265	2.69	68.07	25.23	0.52
Bisenzio	Bisenzio_V-Fiume	184	Max WS	TR30_04h	215.82	96.30	100.00		100.46	0.003744	2.98	72.64	25.79	0.56
Bisenzio	Bisenzio_V-Fiume	184	Max WS	TR30_06h	250.21	96.30	100.19		100.72	0.004165	3.25	77.41	26.35	0.59
Bisenzio	Bisenzio_V-Fiume	184	Max WS	TR30_09h	251.98	96.30	100.20		100.74	0.004183	3.26	77.66	26.38	0.59
Bisenzio	Bisenzio_V-Fiume	184	Max WS	TR30_12h	239.81	96.30	100.13		100.64	0.004044	3.17	75.97	26.19	0.58
Bisenzio	Bisenzio_V-Fiume	184	Max WS	TR200_01h	181.01	96.30	99.81		100.18	0.003236	2.67	67.83	25.20	0.51
Bisenzio	Bisenzio_V-Fiume	184	Max WS	TR200_02h	352.39	96.30	100.71		101.48	0.005029	3.89	91.75	27.99	0.66
Bisenzio	Bisenzio_V-Fiume	184	Max WS	TR200_03h	449.95	96.30	101.19		102.15	0.005510	4.36	105.45	29.47	0.70
Bisenzio	Bisenzio_V-Fiume	184	Max WS	TR200_06h	525.18	96.30	101.54		102.63	0.005758	4.66	115.86	30.54	0.73
Bisenzio	Bisenzio_V-Fiume	184	Max WS	TR200_09h	495.73	96.30	101.40		102.45	0.005670	4.54	111.80	30.13	0.72
Bisenzio	Bisenzio_V-Fiume	184	Max WS	TR200_12h	455.69	96.30	101.22		102.19	0.005532	4.38	106.25	29.55	0.71
Bisenzio	Bisenzio_V-Fiume	183	Max WS	TR30_01h	48.97	97.30	98.90		98.94	0.001058	0.90	54.29	46.03	0.27
Bisenzio	Bisenzio_V-Fiume	183	Max WS	TR30_02h	126.83	97.30	99.52		98.59	0.001841	1.49	85.28	51.35	0.37
Bisenzio	Bisenzio_V-Fiume	183	Max WS	TR30_03h	182.80	97.30	99.86		98.89	0.002089	1.78	102.84	51.70	0.40
Bisenzio	Bisenzio_V-Fiume	183	Max WS	TR30_04h	215.82	97.30	100.04		100.23	0.002196	1.92	112.26	51.88	0.42
Bisenzio	Bisenzio_V-Fiume	183	Max WS	TR30_06h	250.21	97.30	100.22		99.19	0.002287	2.06	121.54	52.06	0.43
Bisenzio	Bisenzio_V-Fiume	183	Max WS	TR30_09h	251.99	97.30	100.23		99.20	0.002291	2.07	122.02	52.07	0.43
Bisenzio	Bisenzio_V-Fiume	183	Max WS	TR30_12h	239.83	97.30	100.17		99.15	0.002261	2.02	118.80	52.01	0.43
Bisenzio	Bisenzio_V-Fiume	183	Max WS	TR200_01h	181.01	97.30	99.85		98.88	0.002082	1.77	102.32	51.69	0.40
Bisenzio	Bisenzio_V-Fiume	183	Max WS	TR200_02h	352.39	97.30	100.71		99.55	0.002484	2.40	146.78	52.55	0.46
Bisenzio	Bisenzio_V-Fiume	183	Max WS	TR200_03h	449.95	97.30	101.12		99.85	0.002601	2.67	168.53	53.33	0.48
Bisenzio	Bisenzio_V-Fiume	183	Max WS	TR200_06h	525.19	97.30	101.41		100.07	0.002661	2.85	184.31	54.14	0.49
Bisenzio	Bisenzio_V-Fiume	183	Max WS	TR200_09h	495.78	97.30	101.30		99.98	0.002638	2.78	178.24	53.83	0.48
Bisenzio	Bisenzio_V-Fiume	183	Max WS	TR200_12h	455.73	97.30	101.14		99.87	0.002606	2.69	169.76	53.39	0.48
Bisenzio	Bisenzio_V-Fiume	181.5			Inl Struct									
Bisenzio	Bisenzio_V-Fiume	181	Max WS	TR30_01h	48.92	93.76	96.45		96.46	0.000215	0.56	87.84	46.17	0.13
Bisenzio	Bisenzio_V-Fiume	181	Max WS	TR30_02h	126.81	93.76	97.30		97.35	0.000443	0.99	128.10	48.12	0.19
Bisenzio	Bisenzio_V-Fiume	181	Max WS	TR30_03h	182.76	93.76	97.72		97.80	0.000580	1.23	148.44	48.71	0.23
Bisenzio	Bisenzio_V-Fiume	181	Max WS	TR30_04h	215.81	93.76	97.97		98.06	0.000630	1.34	160.77	49.07	0.24
Bisenzio	Bisenzio_V-Fiume	181	Max WS	TR30_06h	250.20	93.76	98.21		98.32	0.000679	1.45	172.61	49.41	0.25
Bisenzio	Bisenzio_V-Fiume	181	Max WS	TR30_09h	251.99	93.76	98.22		98.33	0.000681	1.45	173.25	49.43	0.25
Bisenzio	Bisenzio_V-Fiume	181	Max WS	TR30_12h	239.83	93.76	98.14		98.24	0.000664	1.42	169.12	49.31	0.24
Bisenzio	Bisenzio_V-Fiume	181	Max WS	TR200_01h	180.88	93.76	97.70		97.78	0.000577	1.22	147.66	48.69	0.22
Bisenzio	Bisenzio_V-Fiume	181	Max WS	TR200_02h	352.35	93.76	98.87		99.02	0.000787	1.72	205.30	50.34	0.27
Bisenzio	Bisenzio_V-Fiume	181	Max WS	TR20										

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio_V-Fiume	180	Max WS	TR30_12h	239.90	94.68	97.65		98.11	0.005816	3.04	81.68	43.46	0.67
Bisenzio	Bisenzio_V-Fiume	180	Max WS	TR200_01h	180.84	94.68	97.25		97.67	0.006641	2.85	64.70	43.19	0.70
Bisenzio	Bisenzio_V-Fiume	180	Max WS	TR200_02h	352.32	94.68	98.32		98.87	0.004897	3.32	111.12	43.91	0.64
Bisenzio	Bisenzio_V-Fiume	180	Max WS	TR200_03h	449.90	94.68	98.88		99.48	0.004286	3.49	135.81	44.30	0.62
Bisenzio	Bisenzio_V-Fiume	180	Max WS	TR200_06h	524.97	94.68	99.29		99.93	0.003905	3.61	154.03	44.64	0.60
Bisenzio	Bisenzio_V-Fiume	180	Max WS	TR200_09h	495.99	94.68	99.13		99.76	0.004033	3.56	147.14	44.51	0.61
Bisenzio	Bisenzio_V-Fiume	180	Max WS	TR200_12h	455.93	94.68	98.91		99.52	0.004248	3.50	137.34	44.33	0.62
Bisenzio	Bisenzio_V-Fiume	179	Max WS	TR30_01h	48.87	93.79	95.40		95.55	0.003832	1.72	28.37	23.67	0.50
Bisenzio	Bisenzio_V-Fiume	179	Max WS	TR30_02h	126.76	93.79	96.35		96.60	0.004004	2.23	56.79	33.14	0.54
Bisenzio	Bisenzio_V-Fiume	179	Max WS	TR30_03h	182.73	93.79	96.78		97.12	0.003940	2.56	72.18	36.38	0.56
Bisenzio	Bisenzio_V-Fiume	179	Max WS	TR30_04h	215.79	93.79	97.05		97.41	0.003732	2.69	81.74	36.72	0.55
Bisenzio	Bisenzio_V-Fiume	179	Max WS	TR30_06h	250.21	93.79	97.28		97.69	0.003688	2.84	90.22	37.01	0.56
Bisenzio	Bisenzio_V-Fiume	179	Max WS	TR30_09h	252.07	93.79	97.29		97.70	0.003678	2.85	90.73	37.03	0.56
Bisenzio	Bisenzio_V-Fiume	179	Max WS	TR30_12h	239.96	93.79	97.21		97.61	0.003688	2.80	87.83	36.93	0.56
Bisenzio	Bisenzio_V-Fiume	179	Max WS	TR200_01h	180.78	93.79	96.77		97.10	0.003960	2.56	71.57	36.36	0.56
Bisenzio	Bisenzio_V-Fiume	179	Max WS	TR200_02h	352.29	93.79	97.93		98.45	0.003467	3.20	114.93	40.98	0.56
Bisenzio	Bisenzio_V-Fiume	179	Max WS	TR200_03h	449.88	93.79	98.53		99.11	0.003167	3.41	143.11	49.39	0.55
Bisenzio	Bisenzio_V-Fiume	179	Max WS	TR200_06h	524.95	93.79	98.96		99.57	0.002952	3.53	164.55	49.95	0.54
Bisenzio	Bisenzio_V-Fiume	179	Max WS	TR200_09h	496.18	93.79	98.80		99.40	0.003030	3.49	156.42	49.74	0.55
Bisenzio	Bisenzio_V-Fiume	179	Max WS	TR200_12h	456.10	93.79	98.57		99.15	0.003148	3.42	144.92	49.43	0.55
Bisenzio	Bisenzio_V-Fiume	178	Max WS	TR30_01h	48.87	93.76	95.32		94.75	0.003387	1.57	31.10	28.97	0.47
Bisenzio	Bisenzio_V-Fiume	178	Max WS	TR30_02h	126.75	93.76	96.27		95.52	0.003084	2.07	61.36	36.11	0.48
Bisenzio	Bisenzio_V-Fiume	178	Max WS	TR30_03h	182.73	93.76	96.71		95.87	0.003177	2.41	75.74	36.75	0.51
Bisenzio	Bisenzio_V-Fiume	178	Max WS	TR30_04h	215.79	93.76	96.97		96.05	0.003069	2.55	84.56	37.10	0.51
Bisenzio	Bisenzio_V-Fiume	178	Max WS	TR30_06h	250.21	93.76	97.21		96.21	0.003094	2.71	92.19	37.40	0.52
Bisenzio	Bisenzio_V-Fiume	178	Max WS	TR30_09h	252.08	93.76	97.22		96.22	0.003088	2.72	92.65	37.42	0.52
Bisenzio	Bisenzio_V-Fiume	178	Max WS	TR30_12h	239.98	93.76	97.14		96.17	0.003077	2.66	90.06	37.32	0.51
Bisenzio	Bisenzio_V-Fiume	178	Max WS	TR200_01h	180.75	93.76	96.69		95.86	0.003187	2.40	75.18	36.73	0.51
Bisenzio	Bisenzio_V-Fiume	178	Max WS	TR200_02h	352.29	93.76	97.87		96.67	0.003023	3.09	113.99	38.26	0.53
Bisenzio	Bisenzio_V-Fiume	178	Max WS	TR200_03h	449.88	93.76	98.41		97.08	0.003036	3.41	131.83	38.96	0.54
Bisenzio	Bisenzio_V-Fiume	178	Max WS	TR200_06h	524.94	93.76	98.78		97.37	0.003067	3.64	144.17	39.81	0.56
Bisenzio	Bisenzio_V-Fiume	178	Max WS	TR200_09h	496.23	93.76	98.64		97.26	0.003057	3.56	139.53	39.48	0.55
Bisenzio	Bisenzio_V-Fiume	178	Max WS	TR200_12h	456.15	93.76	98.44		97.10	0.003040	3.43	132.88	39.01	0.55
Bisenzio	Bisenzio_V-Fiume	177		Bridge										
Bisenzio	Bisenzio_V-Fiume	176	Max WS	TR30_01h	48.86	93.58	95.17		95.32	0.004374	1.72	28.36	28.13	0.53
Bisenzio	Bisenzio_V-Fiume	176	Max WS	TR30_02h	126.75	93.58	96.11		96.35	0.003823	2.18	58.13	34.95	0.53
Bisenzio	Bisenzio_V-Fiume	176	Max WS	TR30_03h	182.73	93.58	96.59		96.90	0.003645	2.46	74.26	34.98	0.52
Bisenzio	Bisenzio_V-Fiume	176	Max WS	TR30_04h	215.79	93.58	96.85		97.20	0.003611	2.61	82.76	35.00	0.53
Bisenzio	Bisenzio_V-Fiume	176	Max WS	TR30_06h	250.21	93.58	97.10		97.49	0.003603	2.75	91.00	35.02	0.53
Bisenzio	Bisenzio_V-Fiume	176	Max WS	TR30_09h	252.08	93.58	97.11		97.50	0.003601	2.76	91.45	35.02	0.53
Bisenzio	Bisenzio_V-Fiume	176	Max WS	TR30_12h	239.98	93.58	97.03		97.40	0.003599	2.71	88.64	35.01	0.53
Bisenzio	Bisenzio_V-Fiume	176	Max WS	TR200_01h	180.74	93.58	96.58		96.88	0.003650	2.45	73.72	34.98	0.52
Bisenzio	Bisenzio_V-Fiume	176	Max WS	TR200_02h	352.28	93.58	97.75		98.25	0.003696	3.13	112.43	35.06	0.54
Bisenzio	Bisenzio_V-Fiume	176	Max WS	TR200_03h	449.88	93.58	98.29		98.90	0.003815	3.45	130.43	35.09	0.56
Bisenzio	Bisenzio_V-Fiume	176	Max WS	TR200_06h	524.94	93.58	98.67		99.35	0.003920	3.67	143.01	35.12	0.56
Bisenzio	Bisenzio_V-Fiume	176	Max WS	TR200_09h	496.23	93.58	98.53		99.18	0.003875	3.59	138.37	35.11	0.56
Bisenzio	Bisenzio_V-Fiume	176	Max WS	TR200_12h	456.15	93.58	98.32		98.93	0.003831	3.47	131.44	35.10	0.56
Bisenzio	Bisenzio_V-Fiume	175	Max WS	TR30_01h	48.82	92.70	94.60		94.80	0.005364	1.96	24.95	21.78	0.58
Bisenzio	Bisenzio_V-Fiume	175	Max WS	TR30_02h	126.72	92.70	95.61		95.91	0.004758	2.44	52.08	29.84	0.59
Bisenzio	Bisenzio_V-Fiume	175	Max WS	TR30_03h	182.71	92.70	96.11		96.49	0.004357	2.73	67.31	30.89	0.58
Bisenzio	Bisenzio_V-Fiume	175	Max WS	TR30_04h	215.78	92.70	96.37		96.79	0.004255	2.90	75.24	31.69	0.58
Bisenzio	Bisenzio_V-Fiume	175	Max WS	TR30_06h	250.21	92.70	96.61		97.08	0.004198	3.06	83.01	32.46	0.59
Bisenzio	Bisenzio_V-Fiume	175	Max WS	TR30_09h	252.13	92.70	96.62		97.10	0.004191	3.07	83.45	32.50	0.59
Bisenzio	Bisenzio_V-Fiume	175	Max WS	TR30_12h	240.05	92.70	96.54		97.00	0.004206	3.01	80.79	32.24	0.59
Bisenzio	Bisenzio_V-Fiume	175	Max WS	TR200_01h	180.71	92.70	96.10		96.47	0.004369	2.72	66.79	30.83	0.58
Bisenzio	Bisenzio_V-Fiume	175	Max WS	TR200_02h	352.27	92.70	97.23		97.85	0.004190	3.50	103.81	36.30	0.61
Bisenzio	Bisenzio_V-Fiume	175	Max WS	TR200_03h	449.86	92.70	97.78		98.49	0.004002	3.78	130.49	53.03	0.61
Bisenzio	Bisenzio_V-Fiume	175	Max WS	TR200_06h	524.90	92.70	98.13		98.90	0.003947	3.97	149.25	53.54	0.61
Bisenzio	Bisenzio_V-Fiume	175	Max WS	TR200_09h	496.45	92.70	98.00		98.75	0.003977	3.91	142.17	53.35	0.61
Bisenzio	Bisenzio_V-Fiume	175	Max WS	TR200_12h	456.35	92.70	97.80		98.52	0.004023	3.81	131.80	53.06	0.61
Bisenzio	Bisenzio_V-Fiume	174	Max WS	TR30_01h	48.82	92.83	94.45		94.63	0.004646	1.87	26.15	22.14	0.55
Bisenzio	Bisenzio_V-Fiume	174	Max WS	TR30_02h	126.72	92.83	95.47		95.77	0.004384	2.41	52.61	28.88	0.57
Bisenzio	Bisenzio_V-Fiume	174	Max WS	TR30_03h	182.70	92.83	95.98		96.36	0.004086	2.71	67.66	29.78	0.57
Bisenzio	Bisenzio_V-Fiume	174	Max WS	TR30_04h	215.78	92.83	96.24		96.66	0.004057	2.88	75.32	30.59	0.57
Bisenzio	Bisenzio_V-Fiume	174	Max WS	TR30_06h	250.22	92.83	96.48		96.95	0.004040	3.05	82.86	31.82	0.58
Bisenzio	Bisenzio_V-Fiume	174	Max WS	TR30_09h	252.14	92.83	96.49		96.97	0.004036	3.06	83.30	31.89	0.58
Bisenzio	Bisenzio_V-Fiume	174	Max WS	TR30_12h	240.07	92.83	96.41		96.87	0.004038	3.00	80.70	31.47	0.58
Bisenzio	Bisenzio_V-Fiume	174	Max WS	TR200_01h	180.70	92.83	95.97		96.34	0.004093	2.70	67.15	29.75	0.57
Bisenzio	Bisenzio_V-Fiume	174	Max WS	TR200_02h	352.26	92.83	97.09		97.72	0.004102	3.51	103.42	34.95	0.60
Bisenzio	Bisenzio_V-Fiume	174	Max WS	TR200_03h	449.84	92.83	97.64		98.37	0.003995	3.82	127.09	46.97	0.61
Bisenzio	Bisenzio_V-Fiume	174	Max WS	TR200_06h	524.90	92.83	97.99		98.79	0.003959	4.03	147.65	56.80	0.62
Bisenzio	Bisenzio_V-Fiume	174	Max WS	TR200_09h	496.51	92.83	97.86		98.64	0.003991	3.96	140.09	56.62	0.62
Bisenzio	Bisenzio_V-Fiume	174	Max WS	TR200_12h	456.40	92.83	97.67		98.41	0.004012	3.85	128.36	47.07	0.61
Bisenzio	Bisenzio_V-Fiume	173	Max WS	TR30_01h	48.81	92.17	93.69		93.90	0.004684	2.00	24.36	18.22	0.55
Bisenzio	Bisenzio_V-Fiume	173	Max WS	TR30_02h	126.70	92.17	94.48		95.01	0.007465	3.23	39.17	19.68	0.73
Bisenzio	Bisenzio_V-Fiume	173	Max WS	TR30_03h	182.70	92.17	94.96		95.66	0.008463	3.71	49.21	22.03	0.79
Bisenzio	Bisenzio_V-Fiume	173	Max WS	TR30_04h	215.78	92.17	95.20		96.00	0.008848	3.96	54.53	22.88	0.82
Bisenzio	Bisenzio_V-Fiume	173	Max WS	TR30_06h	250.24	92.17	95.42		96.32	0.009124	4.19	59.78	23.51	0.84
Bisenzio	Bisenzio_V-Fiume	173	Max WS	TR30_09h	252.20	92.17	95.44		96.34	0.009128	4.20	60.10	23.55	0.84
Bisenzio	Bisenzio_V-Fiume	173	Max WS	TR30_12h	240.16	92.17	95.36		96.23	0.009046	4.12	58.27	23.33	0.83
Bisenzio	Bisenzio_V-Fiume	173	Max WS	TR200_01h	180.68	92.17	94.95		95.64	0.008431	3.70	48.85	21.93	0.79
Bisenzio	Bisenzio_V-Fiume	173	Max WS	TR200_02h	352.25	92.17	96.05		97.17	0.009419	4.69	75.06	25.24	0.87
Bisenzio	Bisenzio_V-Fiume	173	Max WS	TR200_03h	449.72	92.17	96.69		97.91	0.008696	4.90	91.73	27.01	0.85

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio_V-Fiume	172	Max WS	TR200_01h	180.67	90.62	94.46		94.87	0.003685	2.84	63.56	22.63	0.54
Bisenzio	Bisenzio_V-Fiume	172	Max WS	TR200_02h	352.24	90.62	95.45		96.29	0.005682	4.05	87.02	24.67	0.69
Bisenzio	Bisenzio_V-Fiume	172	Max WS	TR200_03h	449.27	90.62	96.12		97.07	0.005416	4.32	105.44	32.23	0.68
Bisenzio	Bisenzio_V-Fiume	172	Max WS	TR200_06h	524.89	90.62	96.48		97.56	0.005649	4.61	117.90	37.28	0.71
Bisenzio	Bisenzio_V-Fiume	172	Max WS	TR200_09h	497.53	90.62	96.35		97.38	0.005580	4.51	113.24	35.66	0.70
Bisenzio	Bisenzio_V-Fiume	172	Max WS	TR200_12h	457.33	90.62	96.16		97.12	0.005437	4.35	106.78	32.85	0.69
Bisenzio	Bisenzio_V-Fiume	171	Max WS	TR30_01h	48.79	90.62	93.53		93.58	0.000552	0.95	51.50	23.81	0.21
Bisenzio	Bisenzio_V-Fiume	171	Max WS	TR30_02h	126.69	90.62	94.00		94.20	0.002073	2.01	62.92	25.10	0.41
Bisenzio	Bisenzio_V-Fiume	171	Max WS	TR30_03h	182.69	90.62	94.26		94.61	0.003220	2.63	69.58	25.83	0.51
Bisenzio	Bisenzio_V-Fiume	171	Max WS	TR30_04h	215.79	90.62	94.41		94.85	0.003845	2.94	73.43	26.24	0.56
Bisenzio	Bisenzio_V-Fiume	171	Max WS	TR30_06h	250.32	90.62	94.56		95.09	0.004420	3.23	77.57	26.67	0.60
Bisenzio	Bisenzio_V-Fiume	171	Max WS	TR30_09h	252.45	90.62	94.57		95.11	0.004450	3.24	77.85	26.70	0.61
Bisenzio	Bisenzio_V-Fiume	171	Max WS	TR30_12h	240.51	90.62	94.52		95.02	0.004269	3.15	76.36	26.55	0.59
Bisenzio	Bisenzio_V-Fiume	171	Max WS	TR200_01h	180.66	90.62	94.25		94.60	0.003180	2.61	69.34	25.80	0.51
Bisenzio	Bisenzio_V-Fiume	171	Max WS	TR200_02h	352.22	90.62	95.07		95.83	0.005473	3.85	91.42	28.08	0.68
Bisenzio	Bisenzio_V-Fiume	171	Max WS	TR200_03h	448.59	90.62	95.71		96.56	0.005040	4.07	113.03	44.63	0.67
Bisenzio	Bisenzio_V-Fiume	171	Max WS	TR200_06h	524.86	90.62	96.05		96.99	0.005110	4.33	129.07	51.84	0.68
Bisenzio	Bisenzio_V-Fiume	171	Max WS	TR200_09h	497.76	90.62	95.93		96.84	0.005114	4.25	123.01	49.24	0.68
Bisenzio	Bisenzio_V-Fiume	171	Max WS	TR200_12h	457.55	90.62	95.75		96.61	0.005060	4.10	114.77	45.47	0.67
Bisenzio	Bisenzio_V-Fiume	170	Max WS	TR30_01h	48.78	92.16	93.49	92.83	93.51	0.000543	0.57	85.59	87.26	0.18
Bisenzio	Bisenzio_V-Fiume	170	Max WS	TR30_02h	126.68	92.16	93.92	93.11	93.98	0.001124	1.03	123.30	89.08	0.28
Bisenzio	Bisenzio_V-Fiume	170	Max WS	TR30_03h	182.68	92.16	94.17	93.28	94.25	0.001371	1.26	145.30	89.79	0.32
Bisenzio	Bisenzio_V-Fiume	170	Max WS	TR30_04h	215.79	92.16	94.30	93.37	94.40	0.001483	1.37	157.18	90.17	0.33
Bisenzio	Bisenzio_V-Fiume	170	Max WS	TR30_06h	250.35	92.16	94.44	93.46	94.55	0.001573	1.48	169.19	90.55	0.35
Bisenzio	Bisenzio_V-Fiume	170	Max WS	TR30_09h	252.55	92.16	94.44	93.46	94.56	0.001576	1.49	170.01	90.58	0.35
Bisenzio	Bisenzio_V-Fiume	170	Max WS	TR30_12h	240.65	92.16	94.40	93.43	94.50	0.001555	1.45	165.68	90.44	0.34
Bisenzio	Bisenzio_V-Fiume	170	Max WS	TR200_01h	180.64	92.16	94.16	93.27	94.24	0.001363	1.25	144.56	89.76	0.31
Bisenzio	Bisenzio_V-Fiume	170	Max WS	TR200_02h	352.18	92.16	94.87	93.70	95.02	0.001574	1.68	209.16	91.99	0.36
Bisenzio	Bisenzio_V-Fiume	170	Max WS	TR200_03h	450.28	92.16	95.33	93.91	95.49	0.001410	1.77	262.62	110.58	0.35
Bisenzio	Bisenzio_V-Fiume	170	Max WS	TR200_06h	524.84	92.16	95.67	94.07	95.83	0.001285	1.82	300.17	111.99	0.34
Bisenzio	Bisenzio_V-Fiume	170	Max WS	TR200_09h	498.10	92.16	95.54	94.02	95.71	0.001335	1.81	286.24	111.47	0.34
Bisenzio	Bisenzio_V-Fiume	170	Max WS	TR200_12h	457.88	92.16	95.36	93.93	95.52	0.001396	1.77	266.50	110.73	0.35
Bisenzio	Bisenzio_V-Fiume	168.5			Inl Struct									
Bisenzio	Bisenzio_V-Fiume	168	Max WS	TR30_01h	48.74	90.63	92.30		92.31	0.000218	0.44	109.55	81.16	0.12
Bisenzio	Bisenzio_V-Fiume	168	Max WS	TR30_02h	126.64	90.63	93.19		93.21	0.000274	0.69	185.37	88.97	0.15
Bisenzio	Bisenzio_V-Fiume	168	Max WS	TR30_03h	182.66	90.63	93.69		93.72	0.000289	0.81	229.92	89.82	0.16
Bisenzio	Bisenzio_V-Fiume	168	Max WS	TR30_04h	215.77	90.63	93.94		93.98	0.000299	0.87	252.82	90.15	0.16
Bisenzio	Bisenzio_V-Fiume	168	Max WS	TR30_06h	250.33	90.63	94.19		94.24	0.000307	0.93	275.70	90.47	0.17
Bisenzio	Bisenzio_V-Fiume	168	Max WS	TR30_09h	252.55	90.63	94.21		94.25	0.000307	0.93	277.16	90.49	0.17
Bisenzio	Bisenzio_V-Fiume	168	Max WS	TR30_12h	240.65	90.63	94.13		94.17	0.000304	0.91	269.63	90.38	0.16
Bisenzio	Bisenzio_V-Fiume	168	Max WS	TR200_01h	180.52	90.63	93.67		93.70	0.000289	0.81	228.30	89.80	0.16
Bisenzio	Bisenzio_V-Fiume	168	Max WS	TR200_02h	352.17	90.63	94.80		94.86	0.000341	1.10	331.06	91.51	0.18
Bisenzio	Bisenzio_V-Fiume	168	Max WS	TR200_03h	450.28	90.63	95.30		95.38	0.000371	1.24	377.32	94.10	0.19
Bisenzio	Bisenzio_V-Fiume	168	Max WS	TR200_06h	524.82	90.63	95.65		95.74	0.000393	1.34	417.09	112.90	0.20
Bisenzio	Bisenzio_V-Fiume	168	Max WS	TR200_09h	498.10	90.63	95.52		95.61	0.000389	1.31	402.82	112.67	0.20
Bisenzio	Bisenzio_V-Fiume	168	Max WS	TR200_12h	457.88	90.63	95.34		95.42	0.000374	1.25	380.74	94.76	0.19
Bisenzio	Bisenzio_V-Fiume	167	Max WS	TR30_01h	48.72	89.84	92.08		92.23	0.005886	1.74	28.01	30.22	0.58
Bisenzio	Bisenzio_V-Fiume	167	Max WS	TR30_02h	126.62	89.84	92.89		93.18	0.005007	2.40	53.90	33.50	0.58
Bisenzio	Bisenzio_V-Fiume	167	Max WS	TR30_03h	182.65	89.84	93.34		93.71	0.004838	2.72	68.42	35.32	0.59
Bisenzio	Bisenzio_V-Fiume	167	Max WS	TR30_04h	215.77	89.84	93.57		93.99	0.004848	2.90	77.59	36.24	0.60
Bisenzio	Bisenzio_V-Fiume	167	Max WS	TR30_06h	250.35	89.84	93.80		94.26	0.004824	3.06	85.96	37.14	0.60
Bisenzio	Bisenzio_V-Fiume	167	Max WS	TR30_09h	252.60	89.84	93.81		94.28	0.004823	3.07	86.50	37.19	0.60
Bisenzio	Bisenzio_V-Fiume	167	Max WS	TR30_12h	240.72	89.84	93.74		94.19	0.004817	3.01	83.74	36.90	0.60
Bisenzio	Bisenzio_V-Fiume	167	Max WS	TR200_01h	180.48	89.84	93.32		93.69	0.004843	2.71	68.85	35.26	0.59
Bisenzio	Bisenzio_V-Fiume	167	Max WS	TR200_02h	352.16	89.84	94.37		94.98	0.005039	3.52	107.87	43.81	0.63
Bisenzio	Bisenzio_V-Fiume	167	Max WS	TR200_03h	449.78	89.84	94.81		95.54	0.005227	3.87	127.37	44.67	0.65
Bisenzio	Bisenzio_V-Fiume	167	Max WS	TR200_06h	524.87	89.84	95.11		95.93	0.005356	4.11	141.18	45.27	0.66
Bisenzio	Bisenzio_V-Fiume	167	Max WS	TR200_09h	498.30	89.84	95.00		95.79	0.005345	4.04	136.08	45.05	0.66
Bisenzio	Bisenzio_V-Fiume	167	Max WS	TR200_12h	458.06	89.84	94.84		95.58	0.005257	3.90	128.80	44.74	0.65
Bisenzio	Bisenzio_V-Fiume	165	Max WS	TR30_01h	48.68	89.51	91.65		91.76	0.003029	1.43	34.18	31.22	0.43
Bisenzio	Bisenzio_V-Fiume	165	Max WS	TR30_02h	126.60	89.51	92.53		92.74	0.003058	2.07	62.96	34.64	0.47
Bisenzio	Bisenzio_V-Fiume	165	Max WS	TR30_03h	182.63	89.51	92.98		93.26	0.003196	2.40	83.51	53.32	0.49
Bisenzio	Bisenzio_V-Fiume	165	Max WS	TR30_04h	215.77	89.51	93.20		93.52	0.003212	2.54	95.84	55.03	0.50
Bisenzio	Bisenzio_V-Fiume	165	Max WS	TR30_06h	250.37	89.51	93.43		93.77	0.003202	2.67	108.33	56.60	0.50
Bisenzio	Bisenzio_V-Fiume	165	Max WS	TR30_09h	252.69	89.51	93.44		93.78	0.003197	2.67	109.19	56.65	0.50
Bisenzio	Bisenzio_V-Fiume	165	Max WS	TR30_12h	240.84	89.51	93.37		93.70	0.003203	2.63	104.97	56.27	0.50
Bisenzio	Bisenzio_V-Fiume	165	Max WS	TR200_01h	180.42	89.51	92.96		93.24	0.003198	2.39	82.63	53.20	0.49
Bisenzio	Bisenzio_V-Fiume	165	Max WS	TR200_02h	352.14	89.51	93.99		94.40	0.003220	2.98	140.74	58.49	0.51
Bisenzio	Bisenzio_V-Fiume	165	Max WS	TR200_03h	449.38	89.51	94.43		94.90	0.003336	3.26	166.61	59.96	0.53
Bisenzio	Bisenzio_V-Fiume	165	Max WS	TR200_06h	524.89	89.51	94.73		95.26	0.003427	3.45	184.93	60.98	0.54
Bisenzio	Bisenzio_V-Fiume	165	Max WS	TR200_09h	498.61	89.51	94.61		95.13	0.003449	3.40	177.69	60.58	0.54
Bisenzio	Bisenzio_V-Fiume	165	Max WS	TR200_12h	458.36	89.51	94.46		94.94	0.003380	3.29	168.25	60.05	0.53
Bisenzio	Bisenzio_V-Fiume	164	Max WS	TR30_01h	48.68	89.02	91.52		91.65	0.004024	1.63	29.89	26.30	0.49
Bisenzio	Bisenzio_V-Fiume	164	Max WS	TR30_02h	126.59	89.02	92.36		92.64	0.004650	2.33	54.71	35.94	0.56
Bisenzio	Bisenzio_V-Fiume	164	Max WS	TR30_03h	182.63	89.02	92.80		93.16	0.004596	2.66	71.03	37.85	0.57
Bisenzio	Bisenzio_V-Fiume	164	Max WS	TR30_04h	215.77	89.02	93.01		93.42	0.004712	2.84	79.09	38.59	0.59
Bisenzio	Bisenzio_V-Fiume	164	Max WS	TR30_06h	250.38	89.02	93.22		93.67	0.004796	3.02	87.15	39.32	0.60
Bisenzio	Bisenzio_V-Fiume	164	Max WS	TR30_09h	252.72	89.02	93.23		93.69	0.004798	3.03	87.70	39.37	0.60
Bisenzio	Bisenzio_V-Fiume	164	Max WS	TR30_12h	240.87	89.02	93.16		93.61	0.004773	2.97	84.99	39.13	0.60
Bisenzio	Bisenzio_V-Fiume	164	Max WS	TR200_01h	180.41	89.02	92.79		93.14	0.004591	2.64	70.45	37.79	0.57
Bisenzio	Bisenzio_V-Fiume	164	Max WS	TR200_02h	352.13	89.02	93.74		94.33	0.005109	3.47	108.00	41.15	0.64
Bisenzio	Bisenzio_V-Fiume	164	Max WS	TR200_03h	449.13	89.02	94.14		94.87	0.005461	3.86	124.97	42.58	0.67
Bisenzio	Bisenzio_V-Fiume	164	Max WS	TR										

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio_V-Fiume	163	Max WS	TR200_02h	352.10	89.20	93.10	92.37	93.67	0.004635	3.41	123.13	106.23	0.63
Bisenzio	Bisenzio_V-Fiume	163	Max WS	TR200_03h	447.37	89.20	93.46		94.07	0.004509	3.63	163.89	117.61	0.64
Bisenzio	Bisenzio_V-Fiume	163	Max WS	TR200_06h	524.94	89.20	93.65		94.32	0.004796	3.87	187.11	118.88	0.66
Bisenzio	Bisenzio_V-Fiume	163	Max WS	TR200_09h	499.09	89.20	93.55	93.37	94.23	0.004952	3.87	174.49	118.33	0.67
Bisenzio	Bisenzio_V-Fiume	163	Max WS	TR200_12h	452.92	89.20	93.47		94.09	0.004537	3.65	165.43	117.72	0.64
Bisenzio	Bisenzio_V-Fiume	162	Max WS	TR30_01h	48.64	87.97	91.01		91.09	0.001957	1.21	40.32	32.51	0.35
Bisenzio	Bisenzio_V-Fiume	162	Max WS	TR30_02h	126.57	87.97	91.58		91.82	0.003814	2.14	60.26	38.74	0.51
Bisenzio	Bisenzio_V-Fiume	162	Max WS	TR30_03h	182.61	87.97	91.91		92.25	0.004567	2.60	73.44	43.21	0.57
Bisenzio	Bisenzio_V-Fiume	162	Max WS	TR30_04h	215.77	87.97	92.08		92.47	0.004893	2.82	80.90	44.27	0.59
Bisenzio	Bisenzio_V-Fiume	162	Max WS	TR30_06h	250.43	87.97	92.24		92.70	0.005172	3.03	88.22	44.32	0.62
Bisenzio	Bisenzio_V-Fiume	162	Max WS	TR30_09h	252.89	87.97	92.25		92.71	0.005188	3.04	88.73	44.33	0.62
Bisenzio	Bisenzio_V-Fiume	162	Max WS	TR30_12h	241.11	87.97	92.20		92.64	0.005101	2.97	86.30	44.31	0.61
Bisenzio	Bisenzio_V-Fiume	162	Max WS	TR200_01h	180.37	87.97	91.89		92.23	0.004546	2.58	72.90	43.04	0.57
Bisenzio	Bisenzio_V-Fiume	162	Max WS	TR200_02h	352.10	87.97	92.67		93.29	0.005745	3.54	108.40	51.74	0.67
Bisenzio	Bisenzio_V-Fiume	162	Max WS	TR200_03h	438.18	87.97	92.97		93.72	0.006232	3.94	123.68	51.80	0.70
Bisenzio	Bisenzio_V-Fiume	162	Max WS	TR200_06h	524.97	87.97	93.13		94.00	0.007017	4.32	145.11	63.50	0.75
Bisenzio	Bisenzio_V-Fiume	162	Max WS	TR200_09h	499.34	87.97	93.02		93.88	0.007196	4.28	138.39	63.50	0.76
Bisenzio	Bisenzio_V-Fiume	162	Max WS	TR200_12h	445.88	87.97	92.98		93.75	0.006406	4.00	124.01	51.80	0.71
Bisenzio	Bisenzio_V-Fiume	161	Max WS	TR30_01h	48.63	89.33	90.95	90.29	90.98	0.000937	0.78	62.17	59.45	0.24
Bisenzio	Bisenzio_V-Fiume	161	Max WS	TR30_02h	126.56	89.33	91.48	90.66	91.57	0.001668	1.36	95.26	64.67	0.34
Bisenzio	Bisenzio_V-Fiume	161	Max WS	TR30_03h	182.60	89.33	91.77	90.88	91.90	0.001964	1.64	114.24	64.70	0.38
Bisenzio	Bisenzio_V-Fiume	161	Max WS	TR30_04h	215.77	89.33	91.93	91.01	92.09	0.002094	1.78	124.44	64.71	0.40
Bisenzio	Bisenzio_V-Fiume	161	Max WS	TR30_06h	250.45	89.33	92.08	91.13	92.27	0.002205	1.92	134.50	64.73	0.41
Bisenzio	Bisenzio_V-Fiume	161	Max WS	TR30_09h	252.94	89.33	92.09	91.13	92.28	0.002212	1.93	135.21	64.73	0.41
Bisenzio	Bisenzio_V-Fiume	161	Max WS	TR30_12h	241.18	89.33	92.04	91.09	92.22	0.002177	1.89	131.88	64.72	0.41
Bisenzio	Bisenzio_V-Fiume	161	Max WS	TR200_01h	180.36	89.33	91.76	90.88	91.89	0.001954	1.63	113.53	64.70	0.38
Bisenzio	Bisenzio_V-Fiume	161	Max WS	TR200_02h	352.10	89.33	92.44	91.45	92.70	0.002646	2.31	157.41	64.76	0.46
Bisenzio	Bisenzio_V-Fiume	161	Max WS	TR200_03h	421.95	89.33	92.63	91.64	92.96	0.002969	2.57	170.11	64.78	0.49
Bisenzio	Bisenzio_V-Fiume	161	Max WS	TR200_06h	525.00	89.33	92.76	91.91	93.21	0.003819	3.01	190.99	92.67	0.57
Bisenzio	Bisenzio_V-Fiume	161	Max WS	TR200_09h	499.54	89.33	92.63	91.85	93.09	0.004166	3.04	170.05	64.78	0.59
Bisenzio	Bisenzio_V-Fiume	161	Max WS	TR200_12h	419.82	89.33	92.63	91.64	92.96	0.002940	2.56	170.09	64.78	0.49
Bisenzio	Bisenzio_V-Fiume	159.5			Inl Struct									
Bisenzio	Bisenzio_V-Fiume	159	Max WS	TR30_01h	48.62	85.18	86.93		86.96	0.000457	0.65	74.69	54.13	0.18
Bisenzio	Bisenzio_V-Fiume	159	Max WS	TR30_02h	126.54	85.18	87.82		87.87	0.000618	1.03	123.08	56.59	0.22
Bisenzio	Bisenzio_V-Fiume	159	Max WS	TR30_03h	182.59	85.18	88.29		88.37	0.000682	1.22	150.01	56.79	0.24
Bisenzio	Bisenzio_V-Fiume	159	Max WS	TR30_04h	215.77	85.18	88.53		88.62	0.000717	1.32	163.90	59.51	0.25
Bisenzio	Bisenzio_V-Fiume	159	Max WS	TR30_06h	250.45	85.18	88.77		88.88	0.000742	1.42	178.54	61.19	0.25
Bisenzio	Bisenzio_V-Fiume	159	Max WS	TR30_09h	252.94	85.18	88.79		88.90	0.000742	1.43	179.68	61.20	0.25
Bisenzio	Bisenzio_V-Fiume	159	Max WS	TR30_12h	241.18	85.18	88.72		88.82	0.000732	1.39	175.00	61.15	0.25
Bisenzio	Bisenzio_V-Fiume	159	Max WS	TR200_01h	180.30	85.18	88.27		88.35	0.000680	1.22	148.98	56.78	0.24
Bisenzio	Bisenzio_V-Fiume	159	Max WS	TR200_02h	352.09	85.18	89.41		89.55	0.000790	1.66	217.75	61.61	0.27
Bisenzio	Bisenzio_V-Fiume	159	Max WS	TR200_03h	462.01	85.18	90.01		90.19	0.000831	1.87	254.74	61.99	0.28
Bisenzio	Bisenzio_V-Fiume	159	Max WS	TR200_06h	525.00	85.18	90.40		90.59	0.000805	1.95	278.98	62.24	0.28
Bisenzio	Bisenzio_V-Fiume	159	Max WS	TR200_09h	499.54	85.18	90.28		90.46	0.000796	1.90	271.32	62.16	0.28
Bisenzio	Bisenzio_V-Fiume	159	Max WS	TR200_12h	465.16	85.18	90.06		90.24	0.000810	1.86	257.90	62.02	0.28
Bisenzio	Bisenzio_V-Fiume	158	Max WS	TR30_01h	48.62	85.44	86.69		86.92	0.000733	2.13	22.86	26.02	0.72
Bisenzio	Bisenzio_V-Fiume	158	Max WS	TR30_02h	126.54	85.44	87.54		87.90	0.000859	2.66	47.55	32.04	0.70
Bisenzio	Bisenzio_V-Fiume	158	Max WS	TR30_03h	182.59	85.44	87.99		88.42	0.0006428	2.91	62.84	35.25	0.70
Bisenzio	Bisenzio_V-Fiume	158	Max WS	TR30_04h	215.77	85.44	88.23		88.69	0.0006422	3.02	71.43	37.70	0.70
Bisenzio	Bisenzio_V-Fiume	158	Max WS	TR30_06h	250.45	85.44	88.45		88.95	0.0006089	3.13	79.95	38.19	0.69
Bisenzio	Bisenzio_V-Fiume	158	Max WS	TR30_09h	252.97	85.44	88.47		88.97	0.0006055	3.14	80.61	38.23	0.69
Bisenzio	Bisenzio_V-Fiume	158	Max WS	TR30_12h	241.23	85.44	88.40		88.89	0.0006132	3.10	77.87	38.07	0.69
Bisenzio	Bisenzio_V-Fiume	158	Max WS	TR200_01h	180.31	85.44	87.98		88.40	0.0006442	2.90	62.23	35.13	0.70
Bisenzio	Bisenzio_V-Fiume	158	Max WS	TR200_02h	352.09	85.44	89.05		89.64	0.0005477	3.41	103.17	39.51	0.67
Bisenzio	Bisenzio_V-Fiume	158	Max WS	TR200_03h	458.24	85.44	89.61		90.29	0.0005091	3.65	125.63	40.75	0.66
Bisenzio	Bisenzio_V-Fiume	158	Max WS	TR200_06h	525.02	85.44	89.98		90.69	0.004735	3.73	140.82	41.56	0.65
Bisenzio	Bisenzio_V-Fiume	158	Max WS	TR200_09h	499.66	85.44	89.86		90.55	0.004761	3.67	136.02	41.30	0.65
Bisenzio	Bisenzio_V-Fiume	158	Max WS	TR200_12h	459.37	85.44	89.66		90.32	0.004884	3.60	127.57	40.85	0.65
Bisenzio	Bisenzio_V-Fiume	156	Max WS	TR30_01h	48.59	84.00	85.91		86.08	0.004538	1.84	26.34	22.09	0.54
Bisenzio	Bisenzio_V-Fiume	156	Max WS	TR30_02h	126.52	84.00	86.89		87.17	0.004757	2.33	54.25	33.37	0.58
Bisenzio	Bisenzio_V-Fiume	156	Max WS	TR30_03h	182.58	84.00	87.38		87.72	0.004322	2.55	71.88	50.32	0.58
Bisenzio	Bisenzio_V-Fiume	156	Max WS	TR30_04h	215.76	84.00	87.64		88.00	0.004039	2.67	81.81	51.05	0.57
Bisenzio	Bisenzio_V-Fiume	156	Max WS	TR30_06h	250.48	84.00	87.89		88.28	0.003800	2.78	91.72	51.68	0.56
Bisenzio	Bisenzio_V-Fiume	156	Max WS	TR30_09h	253.07	84.00	87.91		88.31	0.003772	2.79	92.54	51.72	0.56
Bisenzio	Bisenzio_V-Fiume	156	Max WS	TR30_12h	241.36	84.00	87.83		88.22	0.003808	2.74	89.53	51.55	0.56
Bisenzio	Bisenzio_V-Fiume	156	Max WS	TR200_01h	180.26	84.00	87.36		87.70	0.004358	2.55	71.10	50.26	0.58
Bisenzio	Bisenzio_V-Fiume	156	Max WS	TR200_02h	352.08	84.00	88.53		89.01	0.003495	3.10	116.70	53.08	0.56
Bisenzio	Bisenzio_V-Fiume	156	Max WS	TR200_03h	457.71	84.00	89.13		89.70	0.003259	3.37	140.51	54.49	0.56
Bisenzio	Bisenzio_V-Fiume	156	Max WS	TR200_06h	525.05	84.00	89.54		90.15	0.003018	3.47	156.75	55.55	0.54
Bisenzio	Bisenzio_V-Fiume	156	Max WS	TR200_09h	500.02	84.00	89.42		90.00	0.003021	3.41	152.02	55.23	0.54
Bisenzio	Bisenzio_V-Fiume	156	Max WS	TR200_12h	459.71	84.00	89.20		89.75	0.003085	3.32	143.33	54.66	0.54
Bisenzio	Bisenzio_V-Fiume	155	Max WS	TR30_01h	48.59	83.43	85.75		85.90	0.003291	1.74	27.93	19.64	0.47
Bisenzio	Bisenzio_V-Fiume	155	Max WS	TR30_02h	126.56	83.43	86.60		86.98	0.005311	2.72	46.53	23.92	0.62
Bisenzio	Bisenzio_V-Fiume	155	Max WS	TR30_03h	182.88	83.43	87.06		87.56	0.006231	3.14	58.33	27.37	0.69
Bisenzio	Bisenzio_V-Fiume	155	Max WS	TR30_04h	216.82	83.43	87.31		87.87	0.006368	3.33	65.17	28.22	0.70
Bisenzio	Bisenzio_V-Fiume	155	Max WS	TR30_06h	252.93	83.43	87.55		88.18	0.006354	3.51	72.00	28.33	0.70
Bisenzio	Bisenzio_V-Fiume	155	Max WS	TR30_09h	255.89	83.43	87.57		88.20	0.006353	3.53	72.54	28.34	0.70
Bisenzio	Bisenzio_V-Fiume	155	Max WS	TR30_12h	244.48	83.43	87.49		88.11	0.006358	3.47	70.43	28.30	0.70
Bisenzio	Bisenzio_V-Fiume	155	Max WS	TR200_01h	180.38	83.43	87.04		87.54	0.006208	3.12	57.81	27.26	0.68
Bisenzio	Bisenzio_V-Fiume	155	Max WS	TR200_02h	352.94	83.43	88.17		88.96	0.006299	3.94	89.60	28.61	0.71
Bisenzio	Bisenzio_V-Fiume	155	Max WS	TR200_03h	459.58	83.43	88.74		89.70	0.006356	4.33	106.23	28.88	0.72
Bisenzio	Bisenzio_V-Fiume	155	Max WS	TR200_06h	532.03	83.43	89.14		90.18	0.006276	4.53	117.54	29.06	0.72
Bisenzio	Bisenzio_V-Fiume													

HEC-RAS Profile: Max WS (Continued)

River	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
Bisenzio	Bisenzio_V-Fiume	154	Max WS	TR200_03h	456.04	83.69	88.00	87.00	88.77	0.005004	3.89	117.27	30.94	0.64
Bisenzio	Bisenzio_V-Fiume	154	Max WS	TR200_06h	532.02	83.69	88.39	87.31	89.25	0.005004	4.11	129.50	31.65	0.64
Bisenzio	Bisenzio_V-Fiume	154	Max WS	TR200_09h	508.26	83.69	88.27	87.21	89.10	0.005004	4.04	125.79	31.32	0.64
Bisenzio	Bisenzio_V-Fiume	154	Max WS	TR200_12h	467.26	83.69	88.06	87.04	88.84	0.005004	3.92	119.16	30.97	0.64

River	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
Setta	Setta valle-lago	117	Max WS	TR30_01	60.75	699.14	706.33		706.33	0.000006	0.20	297.87	52.30	0.03
Setta	Setta valle-lago	117	Max WS	TR30_02	51.54	699.14	706.21		706.21	0.000004	0.18	291.69	51.94	0.02
Setta	Setta valle-lago	117	Max WS	TR30_03	43.80	699.14	706.10		706.10	0.000003	0.15	286.21	51.62	0.02
Setta	Setta valle-lago	117	Max WS	TR30_04	38.25	699.14	706.02		706.02	0.000003	0.14	282.10	51.38	0.02
Setta	Setta valle-lago	117	Max WS	TR30_06	30.96	699.14	705.91		705.91	0.000002	0.11	276.39	51.04	0.02
Setta	Setta valle-lago	117	Max WS	TR200_01	89.37	699.14	706.66		706.66	0.000010	0.28	315.52	53.31	0.04
Setta	Setta valle-lago	117	Max WS	TR200_02	74.06	699.14	706.49		706.49	0.000008	0.24	306.34	52.78	0.03
Setta	Setta valle-lago	117	Max WS	TR200_03	61.60	699.14	706.34		706.34	0.000006	0.21	298.42	52.33	0.03
Setta	Setta valle-lago	117	Max WS	TR200_04	53.57	699.14	706.23		706.24	0.000005	0.18	293.08	52.02	0.02
Setta	Setta valle-lago	117	Max WS	TR200_06	43.71	699.14	706.10		706.10	0.000003	0.15	286.15	51.62	0.02
Setta	Setta valle-lago	116.9	Max WS	TR30_01	60.75	699.14	706.33	699.87	706.33	0.000006	0.20	297.87	52.30	0.03
Setta	Setta valle-lago	116.9	Max WS	TR30_02	51.54	699.14	706.21	699.79	706.21	0.000004	0.18	291.69	51.94	0.02
Setta	Setta valle-lago	116.9	Max WS	TR30_03	43.80	699.14	706.10	699.73	706.10	0.000003	0.15	286.21	51.62	0.02
Setta	Setta valle-lago	116.9	Max WS	TR30_04	38.25	699.14	706.02	699.68	706.02	0.000003	0.14	282.10	51.38	0.02
Setta	Setta valle-lago	116.9	Max WS	TR30_06	30.97	699.14	705.91	699.61	705.91	0.000002	0.11	276.39	51.04	0.02
Setta	Setta valle-lago	116.9	Max WS	TR200_01	89.37	699.14	706.66	700.08	706.66	0.000010	0.28	315.52	53.31	0.04
Setta	Setta valle-lago	116.9	Max WS	TR200_02	74.05	699.14	706.49	699.97	706.49	0.000008	0.24	306.34	52.78	0.03
Setta	Setta valle-lago	116.9	Max WS	TR200_03	61.60	699.14	706.34	699.88	706.34	0.000006	0.21	298.42	52.33	0.03
Setta	Setta valle-lago	116.9	Max WS	TR200_04	53.57	699.14	706.23	699.81	706.24	0.000005	0.18	293.08	52.02	0.02
Setta	Setta valle-lago	116.9	Max WS	TR200_06	43.71	699.14	706.10	699.73	706.10	0.000003	0.15	286.15	51.62	0.02
Setta	Setta valle-lago	116			Inl Struct									
Setta	Setta valle-lago	115	Max WS	TR30_01	60.75	697.28	701.83		701.87	0.000229	0.89	67.89	17.82	0.15
Setta	Setta valle-lago	115	Max WS	TR30_02	51.54	697.28	701.52		701.56	0.000209	0.83	62.39	17.42	0.14
Setta	Setta valle-lago	115	Max WS	TR30_03	43.80	697.28	701.24		701.27	0.000190	0.76	57.55	17.06	0.13
Setta	Setta valle-lago	115	Max WS	TR30_04	38.25	697.28	701.03		701.05	0.000174	0.71	53.96	16.79	0.13
Setta	Setta valle-lago	115	Max WS	TR30_06	30.97	697.28	700.73		700.75	0.000150	0.63	49.00	16.41	0.12
Setta	Setta valle-lago	115	Max WS	TR200_01	89.38	697.28	702.72		702.77	0.000273	1.06	84.12	18.95	0.16
Setta	Setta valle-lago	115	Max WS	TR200_02	74.05	697.28	702.26		702.31	0.000252	0.98	75.60	18.37	0.15
Setta	Setta valle-lago	115	Max WS	TR200_03	61.60	697.28	701.86		701.90	0.000231	0.90	68.41	17.86	0.15
Setta	Setta valle-lago	115	Max WS	TR200_04	53.58	697.28	701.59		701.63	0.000214	0.84	63.62	17.51	0.14
Setta	Setta valle-lago	115	Max WS	TR200_06	43.71	697.28	701.24		701.27	0.000189	0.76	57.50	17.06	0.13
Setta	Setta valle-lago	113.25*	Max WS	TR30_01	60.75	697.64	701.75		701.87	0.000916	1.52	39.99	13.33	0.28
Setta	Setta valle-lago	113.25*	Max WS	TR30_02	51.54	697.64	701.45		701.55	0.000882	1.43	35.99	12.87	0.27
Setta	Setta valle-lago	113.25*	Max WS	TR30_03	43.80	697.64	701.17		701.27	0.000840	1.35	32.54	12.42	0.27
Setta	Setta valle-lago	113.25*	Max WS	TR30_04	38.25	697.64	700.97		701.05	0.000798	1.27	30.01	12.05	0.26
Setta	Setta valle-lago	113.25*	Max WS	TR30_06	30.97	697.64	700.68		700.75	0.000729	1.16	26.60	11.53	0.24
Setta	Setta valle-lago	113.25*	Max WS	TR200_01	89.38	697.64	702.62		702.77	0.000969	1.71	52.25	14.94	0.29
Setta	Setta valle-lago	113.25*	Max WS	TR200_02	74.04	697.64	702.17		702.30	0.000952	1.62	45.72	14.14	0.29
Setta	Setta valle-lago	113.25*	Max WS	TR200_03	61.60	697.64	701.78		701.90	0.000919	1.53	40.36	13.39	0.28
Setta	Setta valle-lago	113.25*	Max WS	TR200_04	53.58	697.64	701.52		701.62	0.000890	1.45	36.88	12.98	0.28
Setta	Setta valle-lago	113.25*	Max WS	TR200_06	43.71	697.64	701.17		701.26	0.000839	1.35	32.49	12.42	0.27
Setta	Setta valle-lago	111.5	Max WS	TR30_01	60.75	698.00	701.77		701.85	0.000842	1.52	51.15	23.40	0.27
Setta	Setta valle-lago	111.5	Max WS	TR30_02	51.54	698.00	701.45		701.54	0.000845	1.50	43.91	22.79	0.28
Setta	Setta valle-lago	111.5	Max WS	TR30_03	43.80	698.00	701.17		701.26	0.001074	1.49	37.57	22.24	0.30
Setta	Setta valle-lago	111.5	Max WS	TR30_04	38.25	698.00	700.96		701.04	0.001204	1.49	32.86	21.83	0.31
Setta	Setta valle-lago	111.5	Max WS	TR30_06	30.96	698.00	700.66		700.74	0.001320	1.43	26.76	18.65	0.32
Setta	Setta valle-lago	111.5	Max WS	TR200_01	89.37	698.00	702.65		702.74	0.000658	1.58	72.59	25.12	0.25
Setta	Setta valle-lago	111.5	Max WS	TR200_02	74.04	698.00	702.19		702.28	0.000738	1.55	61.31	24.23	0.26
Setta	Setta valle-lago	111.5	Max WS	TR200_03	61.60	698.00	701.79		701.88	0.000833	1.52	51.82	23.46	0.27
Setta	Setta valle-lago	111.5	Max WS	TR200_04	53.58	698.00	701.52		701.61	0.000919	1.51	45.54	22.93	0.28
Setta	Setta valle-lago	111.5	Max WS	TR200_06	43.71	698.00	701.17		701.25	0.001075	1.49	37.49	22.24	0.30
Setta	Setta valle-lago	111.25*	Max WS	TR30_01	60.75	697.83	701.60		701.75	0.001293	1.77	37.10	18.59	0.33
Setta	Setta valle-lago	111.25*	Max WS	TR30_02	51.54	697.83	701.32		701.46	0.001316	1.68	32.21	16.32	0.33
Setta	Setta valle-lago	111.25*	Max WS	TR30_03	43.80	697.83	701.06		701.19	0.001340	1.61	28.08	16.14	0.33
Setta	Setta valle-lago	111.25*	Max WS	TR30_04	38.25	697.83	700.87		700.99	0.001342	1.54	25.15	14.09	0.33
Setta	Setta valle-lago	111.25*	Max WS	TR30_06	30.97	697.83	700.60		700.70	0.001317	1.42	21.81	11.20	0.32
Setta	Setta valle-lago	111.25*	Max WS	TR200_01	89.37	697.83	702.40		702.57	0.001082	1.91	53.04	21.06	0.32
Setta	Setta valle-lago	111.25*	Max WS	TR200_02	74.04	697.83	701.99		702.15	0.001183	1.84	44.54	19.78	0.33
Setta	Setta valle-lago	111.25*	Max WS	TR200_03	61.60	697.83	701.62		701.78	0.001284	1.77	37.59	18.67	0.33
Setta	Setta valle-lago	111.25*	Max WS	TR200_04	53.58	697.83	701.38		701.52	0.001310	1.70	33.26	16.40	0.33
Setta	Setta valle-lago	111.25*	Max WS	TR200_06	43.71	697.83	701.06		701.19	0.001340	1.61	28.04	16.13	0.33
Setta	Setta valle-lago	111	Max WS	TR30_01	60.75	697.65	701.65	699.53	701.76	0.000641	1.43	42.59	15.31	0.25
Setta	Setta valle-lago	111	Max WS	TR30_02	51.54	697.65	701.36	699.37	701.45	0.000610	1.33	38.87	15.16	0.24
Setta	Setta valle-lago	111	Max WS	TR30_03	43.80	697.65	701.10	699.24	701.18	0.000581	1.23	35.52	15.03	0.24
Setta	Setta valle-lago	111	Max WS	TR30_04	38.25	697.65	700.91	699.14	700.97	0.000556	1.16	33.01	14.93	0.23
Setta	Setta valle-lago	111	Max WS	TR30_06	30.97	697.65	700.63	699.01	700.69	0.000518	1.05	29.48	14.80	0.22
Setta	Setta valle-lago	111	Max WS	TR200_01	89.37	697.65	702.47	699.94	702.62	0.000711	1.67	53.41	16.02	0.27
Setta	Setta valle-lago	111	Max WS	TR200_02	74.04	697.65	702.05	699.73	702.17	0.000682	1.55	47.76	15.74	0.26
Setta	Setta valle-lago	111	Max WS	TR200_03	61.60	697.65	701.68	699.54	701.78	0.000643	1.43	42.94	15.32	0.25
Setta	Setta valle-lago	111	Max WS	TR200_04	53.58	697.65	701.43	699.41	701.52	0.000617	1.35	39.71	15.20	0.25
Setta	Setta valle-lago	111	Max WS	TR200_06	43.71	697.65	701.10	699.24	701.18	0.000580	1.23	35.49	15.03	0.24
Setta	Setta valle-lago	110.5			Bridge									
Setta	Setta valle-lago	110	Max WS	TR30_01	60.75	698.13	700.81		701.32	0.006130	3.15	19.28	11.68	0.71
Setta	Setta valle-lago	110	Max WS	TR30_02	51.54	698.13	700.62		701.06	0.005987	2.95	17.47	11.59	0.69
Setta	Setta valle-lago	110	Max WS	TR30_03	43.80	698.13	700.45		700.84	0.005836	2.76	15.87	11.49	0.68
Setta	Setta valle-lago	110	Max WS	TR30_04	38.25	698.13	700.32		700.67	0.005592	2.61	14.65	11.20	0.66
Setta	Setta valle-lago	110	Max WS	TR30_06	30.97	698.13	700.13		700.42	0.005376	2.39	12.97	11.04	0.64
Setta	Setta valle-lago	110	Max WS	TR200_01	96.96	698.13	701.37		702.16	0.007380	3.94	24.61	11.92	0.79
Setta	Setta valle-lago	110	Max WS	TR200_02	74.02	698.13	701.05		701.65	0.006470	3.44	21.54	11.78	0.73
Setta	Setta valle-lago	110	Max WS	TR200_03	61.59	698.13	700.83		701.34	0.006139	3.17	19.44	11.68	0.71
Setta	Setta valle-lago	110	Max WS	TR200_04	53.57	698.13	700.66		701.12	0.006024	3.00	17.87	11.61	0.70
Setta	Setta valle-lago	110	Max WS	TR200_06	43.71	698.13	700.45		700.83	0.005832	2.76	15.		

HEC-RAS Profile: Max WS (Continued)

River	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
Setta	Setta valle-lago	94.333*	Max WS	TR200_02	74.10	697.85	700.47		701.13	0.008875	3.59	20.62	11.68	0.86
Setta	Setta valle-lago	94.333*	Max WS	TR200_03	61.66	697.85	700.26		700.84	0.008662	3.39	18.17	11.06	0.85
Setta	Setta valle-lago	94.333*	Max WS	TR200_04	53.63	697.85	700.08		700.64	0.008894	3.30	16.27	10.60	0.85
Setta	Setta valle-lago	94.333*	Max WS	TR200_06	43.76	697.85	699.86		700.36	0.009133	3.14	13.95	10.08	0.85
Setta	Setta valle-lago	93.667*	Max WS	TR30_01	60.76	697.57	699.86		700.32	0.006253	3.02	20.33	14.64	0.73
Setta	Setta valle-lago	93.667*	Max WS	TR30_02	51.60	697.57	699.64		700.08	0.006860	2.93	17.59	11.43	0.75
Setta	Setta valle-lago	93.667*	Max WS	TR30_03	43.87	697.57	699.46		699.86	0.007015	2.82	15.54	10.92	0.76
Setta	Setta valle-lago	93.667*	Max WS	TR30_04	38.32	697.57	699.32		699.70	0.007051	2.72	14.09	10.55	0.75
Setta	Setta valle-lago	93.667*	Max WS	TR30_06	31.03	697.57	699.13		699.47	0.007126	2.56	12.11	10.09	0.75
Setta	Setta valle-lago	93.667*	Max WS	TR200_01	89.42	697.57	700.37		700.92	0.005345	3.32	28.72	17.18	0.71
Setta	Setta valle-lago	93.667*	Max WS	TR200_02	74.17	697.57	700.08		700.61	0.006123	3.24	23.76	16.37	0.74
Setta	Setta valle-lago	93.667*	Max WS	TR200_03	61.71	697.57	699.88		700.34	0.006222	3.03	20.60	14.78	0.73
Setta	Setta valle-lago	93.667*	Max WS	TR200_04	53.68	697.57	699.69		700.13	0.006847	2.96	18.11	11.55	0.76
Setta	Setta valle-lago	93.667*	Max WS	TR200_06	43.81	697.57	699.46		699.86	0.007015	2.82	15.52	10.92	0.76
Setta	Setta valle-lago	93	Max WS	TR30_01	60.77	697.29	699.58	699.07	699.90	0.003448	2.56	26.09	16.29	0.57
Setta	Setta valle-lago	93	Max WS	TR30_02	51.63	697.29	699.37	698.87	699.67	0.003670	2.46	22.75	16.21	0.58
Setta	Setta valle-lago	93	Max WS	TR30_03	43.91	697.29	699.18	698.70	699.46	0.003969	2.38	19.66	16.14	0.59
Setta	Setta valle-lago	93	Max WS	TR30_04	38.36	697.29	699.05	698.60	699.31	0.004122	2.29	17.50	16.09	0.59
Setta	Setta valle-lago	93	Max WS	TR30_06	31.06	697.29	698.86	698.44	699.09	0.004306	2.14	14.63	13.30	0.59
Setta	Setta valle-lago	93	Max WS	TR200_01	89.44	697.29	700.15	699.47	700.53	0.003058	2.84	35.43	16.50	0.56
Setta	Setta valle-lago	93	Max WS	TR200_02	74.26	697.29	699.80	699.27	700.17	0.003533	2.77	29.72	16.37	0.59
Setta	Setta valle-lago	93	Max WS	TR200_03	61.76	697.29	699.60	699.09	699.92	0.003443	2.57	26.40	16.30	0.57
Setta	Setta valle-lago	93	Max WS	TR200_04	53.74	697.29	699.42	698.91	699.72	0.003643	2.49	23.47	16.23	0.58
Setta	Setta valle-lago	93	Max WS	TR200_06	43.85	697.29	699.18	698.71	699.46	0.003970	2.38	19.64	16.14	0.59
Setta	Setta valle-lago	92			Inl Struct									
Setta	Setta valle-lago	91	Max WS	TR30_01	60.77	696.54	699.43		699.65	0.002054	2.14	30.47	16.59	0.43
Setta	Setta valle-lago	91	Max WS	TR30_02	51.63	696.54	699.25		699.45	0.001926	1.98	27.62	16.38	0.41
Setta	Setta valle-lago	91	Max WS	TR30_03	43.16	696.54	698.51		698.82	0.004726	2.47	17.47	10.54	0.61
Setta	Setta valle-lago	91	Max WS	TR30_04	38.36	696.54	698.30		698.62	0.005489	2.51	15.28	10.18	0.65
Setta	Setta valle-lago	91	Max WS	TR30_06	31.06	696.54	698.05		698.35	0.005986	2.42	12.82	9.77	0.68
Setta	Setta valle-lago	91	Max WS	TR200_01	89.45	696.54	700.03		700.31	0.002020	2.45	40.59	17.29	0.44
Setta	Setta valle-lago	91	Max WS	TR200_02	65.12	696.54	699.51		699.75	0.002094	2.21	31.84	16.69	0.44
Setta	Setta valle-lago	91	Max WS	TR200_03	61.77	696.54	699.44		699.67	0.002073	2.16	30.74	16.61	0.43
Setta	Setta valle-lago	91	Max WS	TR200_04	53.74	696.54	699.30		699.50	0.001956	2.02	28.30	16.43	0.42
Setta	Setta valle-lago	91	Max WS	TR200_06	43.15	696.54	698.51		698.82	0.004724	2.47	17.47	10.54	0.61
Setta	Setta valle-lago	90	Max WS	TR30_01	60.77	696.56	699.40		699.65	0.002408	2.26	29.06	17.47	0.47
Setta	Setta valle-lago	90	Max WS	TR30_02	51.63	696.56	699.22		699.44	0.002290	2.10	26.11	16.88	0.45
Setta	Setta valle-lago	90	Max WS	TR30_03	43.16	696.56	698.45		698.83	0.006400	2.74	15.78	10.41	0.71
Setta	Setta valle-lago	90	Max WS	TR30_04	38.36	696.56	698.25		698.64	0.007599	2.80	13.70	10.05	0.77
Setta	Setta valle-lago	90	Max WS	TR30_06	31.07	696.56	698.01		698.39	0.008618	2.73	11.36	9.62	0.80
Setta	Setta valle-lago	90	Max WS	TR200_01	89.45	696.56	700.00		700.31	0.002213	2.52	40.35	19.56	0.46
Setta	Setta valle-lago	90	Max WS	TR200_02	65.11	696.56	699.48		699.74	0.002435	2.32	30.52	17.76	0.47
Setta	Setta valle-lago	90	Max WS	TR200_03	61.77	696.56	699.41		699.67	0.002426	2.28	29.34	17.53	0.47
Setta	Setta valle-lago	90	Max WS	TR200_04	53.74	696.56	699.26		699.49	0.002318	2.13	26.81	17.03	0.45
Setta	Setta valle-lago	90	Max WS	TR200_06	43.16	696.56	698.45		698.83	0.006399	2.74	15.78	10.41	0.71
Setta	Setta valle-lago	89	Max WS	TR30_01	60.77	696.50	699.32	698.38	699.68	0.004219	2.67	24.71	20.58	0.59
Setta	Setta valle-lago	89	Max WS	TR30_02	51.63	696.50	699.16	698.18	699.48	0.004173	2.51	21.37	20.07	0.58
Setta	Setta valle-lago	89	Max WS	TR30_03	43.17	696.50	698.36	697.99	698.84	0.005270	3.06	14.10	10.30	0.72
Setta	Setta valle-lago	89	Max WS	TR30_04	38.37	696.50	698.19	697.88	698.65	0.005750	3.00	12.80	10.01	0.74
Setta	Setta valle-lago	89	Max WS	TR30_06	31.07	696.50	697.97	697.70	698.37	0.006006	2.79	11.13	9.65	0.74
Setta	Setta valle-lago	89	Max WS	TR200_01	89.45	696.50	699.35	699.35	700.30	0.003110	2.74	38.36	22.42	0.53
Setta	Setta valle-lago	89	Max WS	TR200_02	65.11	696.50	699.40	698.47	699.77	0.004170	2.72	26.38	20.83	0.59
Setta	Setta valle-lago	89	Max WS	TR200_03	61.78	696.50	699.34	698.40	699.70	0.004232	2.68	25.04	20.63	0.60
Setta	Setta valle-lago	89	Max WS	TR200_04	53.75	696.50	699.20	698.22	699.52	0.004193	2.55	22.15	20.19	0.59
Setta	Setta valle-lago	89	Max WS	TR200_06	43.16	696.50	698.36	697.99	698.84	0.005269	3.06	14.10	10.30	0.72
Setta	Setta valle-lago	85			Bridge									
Setta	Setta valle-lago	70	Max WS	TR30_01	60.77	696.34	698.41		699.25	0.008910	4.05	14.99	11.62	0.92
Setta	Setta valle-lago	70	Max WS	TR30_02	51.63	696.34	698.24		698.97	0.008675	3.77	13.71	10.26	0.90
Setta	Setta valle-lago	70	Max WS	TR30_03	43.91	696.34	698.08		698.71	0.008514	3.51	12.51	9.91	0.87
Setta	Setta valle-lago	70	Max WS	TR30_04	38.37	696.34	697.95		698.52	0.008546	3.33	11.52	9.62	0.86
Setta	Setta valle-lago	70	Max WS	TR30_06	31.07	696.34	697.76		698.25	0.008808	3.09	10.06	9.19	0.86
Setta	Setta valle-lago	70	Max WS	TR200_01	89.45	696.34	698.85	698.83	700.06	0.009820	4.87	18.36	18.16	1.00
Setta	Setta valle-lago	70	Max WS	TR200_02	74.28	696.34	698.63	698.57	699.64	0.009334	4.45	16.88	14.80	0.96
Setta	Setta valle-lago	70	Max WS	TR200_03	61.77	696.34	698.43		699.28	0.008927	4.08	15.13	11.88	0.92
Setta	Setta valle-lago	70	Max WS	TR200_04	53.75	696.34	698.28		699.03	0.008718	3.83	14.02	10.35	0.90
Setta	Setta valle-lago	70	Max WS	TR200_06	43.87	696.34	698.08		698.71	0.008507	3.51	12.50	9.91	0.87
Setta	Setta valle-lago	69	Max WS	TR30_01	60.78	696.01	698.07		698.73	0.010103	3.60	16.90	10.44	0.90
Setta	Setta valle-lago	69	Max WS	TR30_02	51.65	696.01	697.92		698.49	0.009503	3.36	15.39	10.12	0.87
Setta	Setta valle-lago	69	Max WS	TR30_03	43.94	696.01	697.78		698.26	0.009007	3.14	13.99	9.82	0.84
Setta	Setta valle-lago	69	Max WS	TR30_04	38.39	696.01	697.66		698.11	0.008827	3.00	12.81	9.55	0.83
Setta	Setta valle-lago	69	Max WS	TR30_06	31.09	696.01	697.47		697.87	0.008856	2.82	11.04	9.15	0.82
Setta	Setta valle-lago	69	Max WS	TR200_01	89.46	696.01	698.44	698.44	699.37	0.011437	4.28	21.19	12.67	0.98
Setta	Setta valle-lago	69	Max WS	TR200_02	74.33	696.01	698.26	698.18	699.04	0.010706	3.93	18.99	11.57	0.94
Setta	Setta valle-lago	69	Max WS	TR200_03	61.81	696.01	698.08		698.75	0.010132	3.62	17.07	10.52	0.90
Setta	Setta valle-lago	69	Max WS	TR200_04	53.78	696.01	697.96		698.55	0.009635	3.41	15.76	10.20	0.88
Setta	Setta valle-lago	69	Max WS	TR200_06	43.90	696.01	697.78		698.28	0.009003	3.14	13.98	9.81	0.84
Setta	Setta valle-lago	65			Lat Struct									
Setta	Setta valle-lago	64.9999*	Max WS	TR30_01	57.30	695.26	697.47	697.35	698.11	0.010090	3.52	16.44	14.43	0.90
Setta	Setta valle-lago	64.9999*	Max WS	TR30_02	50.06	695.26	697.36		697.92	0.009516	3.31	15.18	10.82	0.86
Setta	Setta valle-lago	64.9999*	Max WS	TR30_03	43.57	695.26	697.25		697.75	0.009049	3.11	14.03	10.05	0.84
Setta	Setta valle-lago	64.9999*	Max WS	TR30_04	38.41	695.26	697.15		697.59	0.008597	2.95	13.01	9.57	0.81
Setta	Setta valle-lago	64.9999*	Max WS	TR30_06	31.14	695.26	696.98		697.36	0.007931	2.73	11.41	8.87	0.77
Setta	Setta valle-lago	64.9999*	Max WS	TR200_01	78.48	695.26	697.73	697.81	698.56	0.011619	4.07	20.38		

HEC-RAS Profile: Max WS (Continued)

River	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
Setta	Setta valle-lago	60	Max WS	TR30_01	36.94	694.51	696.49		697.01	0.009804	3.20	11.53	6.27	0.75
Setta	Setta valle-lago	60	Max WS	TR30_02	35.34	694.51	696.44		696.95	0.009714	3.15	11.21	6.26	0.75
Setta	Setta valle-lago	60	Max WS	TR30_03	33.62	694.51	696.39		696.87	0.009588	3.09	10.87	6.25	0.75
Setta	Setta valle-lago	60	Max WS	TR30_04	31.98	694.51	696.33		696.80	0.009454	3.03	10.55	6.24	0.74
Setta	Setta valle-lago	60	Max WS	TR30_06	28.51	694.51	696.23		696.65	0.009307	2.88	9.89	6.23	0.73
Setta	Setta valle-lago	60	Max WS	TR200_01	40.86	694.51	696.62		697.18	0.009962	3.32	12.32	6.29	0.76
Setta	Setta valle-lago	60	Max WS	TR200_02	38.98	694.51	696.56		697.10	0.009896	3.26	11.94	6.28	0.76
Setta	Setta valle-lago	60	Max WS	TR200_03	37.14	694.51	696.50		697.02	0.009812	3.21	11.57	6.27	0.75
Setta	Setta valle-lago	60	Max WS	TR200_04	35.78	694.51	696.45		696.97	0.009736	3.17	11.30	6.26	0.75
Setta	Setta valle-lago	60	Max WS	TR200_06	33.62	694.51	696.39		696.87	0.009585	3.09	10.88	6.25	0.75
Setta	Setta valle-lago	59	Max WS	TR30_01	29.73	694.58	696.32	695.78	696.58	0.004752	2.26	13.15	7.92	0.56
Setta	Setta valle-lago	59	Max WS	TR30_02	28.52	694.58	696.27	695.74	696.53	0.004747	2.23	12.79	7.90	0.56
Setta	Setta valle-lago	59	Max WS	TR30_03	27.28	694.58	696.22	695.70	696.47	0.004745	2.20	12.41	7.89	0.56
Setta	Setta valle-lago	59	Max WS	TR30_04	26.13	694.58	696.18	695.68	696.42	0.004743	2.17	12.05	7.87	0.56
Setta	Setta valle-lago	59	Max WS	TR30_06	23.93	694.58	696.09	695.62	696.32	0.004741	2.11	11.35	7.85	0.56
Setta	Setta valle-lago	59	Max WS	TR200_01	32.92	694.58	696.44	695.86	696.72	0.004764	2.34	14.10	7.96	0.56
Setta	Setta valle-lago	59	Max WS	TR200_02	31.37	694.58	696.38	695.81	696.65	0.004758	2.30	13.64	7.94	0.56
Setta	Setta valle-lago	59	Max WS	TR200_03	29.89	694.58	696.33	695.78	696.59	0.004752	2.26	13.20	7.92	0.56
Setta	Setta valle-lago	59	Max WS	TR200_04	28.85	694.58	696.29	695.76	696.54	0.004748	2.24	12.89	7.91	0.56
Setta	Setta valle-lago	59	Max WS	TR200_06	27.29	694.58	696.22	695.71	696.47	0.004744	2.20	12.41	7.89	0.56
Setta	Setta valle-lago	58												
Setta	Setta valle-lago	57	Max WS	TR30_01	29.71	693.82	695.75		695.96	0.003663	2.07	14.39	7.83	0.49
Setta	Setta valle-lago	57	Max WS	TR30_02	28.51	693.82	695.63		695.86	0.004056	2.11	13.50	7.80	0.51
Setta	Setta valle-lago	57	Max WS	TR30_03	27.28	693.82	695.51		695.75	0.004590	2.17	12.55	7.76	0.55
Setta	Setta valle-lago	57	Max WS	TR30_04	26.13	693.82	695.38		695.64	0.005326	2.26	11.58	7.71	0.59
Setta	Setta valle-lago	57	Max WS	TR30_06	23.93	693.82	695.19		695.48	0.006693	2.37	10.10	7.63	0.66
Setta	Setta valle-lago	57	Max WS	TR200_01	32.91	693.82	695.98		696.19	0.003194	2.03	16.21	7.88	0.45
Setta	Setta valle-lago	57	Max WS	TR200_02	31.35	693.82	695.87		696.08	0.003366	2.04	15.38	7.86	0.47
Setta	Setta valle-lago	57	Max WS	TR200_03	29.89	693.82	695.76		695.97	0.003637	2.06	14.48	7.83	0.48
Setta	Setta valle-lago	57	Max WS	TR200_04	28.85	693.82	695.66		695.89	0.003940	2.10	13.75	7.81	0.51
Setta	Setta valle-lago	57	Max WS	TR200_06	27.29	693.82	695.51		695.75	0.004587	2.17	12.55	7.76	0.55
Setta	Setta valle-lago	56.9												
Setta	Setta valle-lago	56.8												
Setta	Setta valle-lago	56	Max WS	TR30_01	46.34	693.40	695.36		695.86	0.008171	3.13	14.83	8.01	0.73
Setta	Setta valle-lago	56	Max WS	TR30_02	42.51	693.40	695.26		695.73	0.008079	3.03	14.02	7.98	0.73
Setta	Setta valle-lago	56	Max WS	TR30_03	39.04	693.40	695.15		695.60	0.008169	2.96	13.17	7.94	0.73
Setta	Setta valle-lago	56	Max WS	TR30_04	35.78	693.40	695.05		695.48	0.008279	2.90	12.35	7.89	0.74
Setta	Setta valle-lago	56	Max WS	TR30_06	29.99	693.40	694.87		695.25	0.008210	2.73	10.98	7.81	0.74
Setta	Setta valle-lago	56	Max WS	TR200_01	56.64	693.40	695.59		696.18	0.008708	3.39	16.69	8.09	0.75
Setta	Setta valle-lago	56	Max WS	TR200_02	51.66	693.40	695.48		696.03	0.008452	3.27	15.81	8.05	0.74
Setta	Setta valle-lago	56	Max WS	TR200_03	46.94	693.40	695.37		695.88	0.008226	3.14	14.93	8.02	0.74
Setta	Setta valle-lago	56	Max WS	TR200_04	43.59	693.40	695.29		695.76	0.008112	3.06	14.25	7.99	0.73
Setta	Setta valle-lago	56	Max WS	TR200_06	39.00	693.40	695.15		695.60	0.008156	2.96	13.17	7.94	0.73
Setta	Setta valle-lago	50	Max WS	TR30_01	52.77	692.39	694.61	694.58	695.29	0.010851	3.68	15.11	12.92	0.89
Setta	Setta valle-lago	50	Max WS	TR30_02	47.81	692.39	694.52	694.44	695.16	0.010574	3.53	14.04	11.94	0.88
Setta	Setta valle-lago	50	Max WS	TR30_03	42.75	692.39	694.43	694.30	695.01	0.010274	3.37	12.96	10.85	0.86
Setta	Setta valle-lago	50	Max WS	TR30_04	37.97	692.39	694.34		694.86	0.009918	3.19	11.99	9.78	0.84
Setta	Setta valle-lago	50	Max WS	TR30_06	31.23	692.39	694.18		694.62	0.009563	2.94	10.61	8.12	0.82
Setta	Setta valle-lago	50	Max WS	TR200_01	64.81	692.39	694.82	694.75	695.60	0.011108	3.97	18.73	25.12	0.91
Setta	Setta valle-lago	50	Max WS	TR200_02	58.85	692.39	694.73	694.74	695.45	0.010781	3.80	16.70	14.26	0.89
Setta	Setta valle-lago	50	Max WS	TR200_03	53.28	692.39	694.63	694.60	695.31	0.010679	3.67	15.35	13.13	0.89
Setta	Setta valle-lago	50	Max WS	TR200_04	49.14	692.39	694.55	694.48	695.19	0.010572	3.57	14.37	12.25	0.88
Setta	Setta valle-lago	50	Max WS	TR200_06	42.80	692.39	694.43	694.30	695.01	0.010264	3.37	12.98	10.87	0.86
Setta	Setta valle-lago	49.8												
Setta	Setta valle-lago	47.000*	Max WS	TR30_01	50.62	692.10	694.06		694.57	0.008089	3.16	16.29	11.67	0.81
Setta	Setta valle-lago	47.000*	Max WS	TR30_02	46.68	692.10	693.98		694.46	0.008096	3.07	15.41	11.47	0.81
Setta	Setta valle-lago	47.000*	Max WS	TR30_03	42.55	692.10	693.90		694.35	0.008124	2.97	14.45	11.22	0.80
Setta	Setta valle-lago	47.000*	Max WS	TR30_04	38.34	692.10	693.82		694.23	0.007945	2.84	13.58	11.01	0.79
Setta	Setta valle-lago	47.000*	Max WS	TR30_06	31.66	692.10	693.69		694.03	0.007675	2.62	12.12	10.67	0.77
Setta	Setta valle-lago	47.000*	Max WS	TR200_01	58.52	692.10	694.29		694.80	0.006873	3.16	19.12	12.66	0.75
Setta	Setta valle-lago	47.000*	Max WS	TR200_02	54.74	692.10	694.19		694.69	0.007235	3.14	17.89	12.16	0.77
Setta	Setta valle-lago	47.000*	Max WS	TR200_03	51.08	692.10	694.09		694.58	0.007729	3.13	16.65	11.78	0.79
Setta	Setta valle-lago	47.000*	Max WS	TR200_04	47.99	692.10	694.01		694.50	0.008043	3.10	15.74	11.55	0.81
Setta	Setta valle-lago	47.000*	Max WS	TR200_06	42.65	692.10	693.90		694.35	0.008135	2.98	14.47	11.22	0.81
Setta	Setta valle-lago	44	Max WS	TR30_01	41.55	691.81	693.66		693.88	0.003494	2.08	20.36	14.76	0.55
Setta	Setta valle-lago	44	Max WS	TR30_02	38.73	691.81	693.59		693.80	0.003587	2.04	19.27	14.61	0.55
Setta	Setta valle-lago	44	Max WS	TR30_03	36.86	691.81	693.50		693.72	0.003983	2.07	18.03	14.44	0.58
Setta	Setta valle-lago	44	Max WS	TR30_04	34.47	691.81	693.43		693.65	0.004148	2.05	17.04	14.33	0.58
Setta	Setta valle-lago	44	Max WS	TR30_06	30.10	691.81	693.33		693.52	0.004191	1.95	15.57	14.17	0.58
Setta	Setta valle-lago	44	Max WS	TR200_01	45.34	691.81	693.95		694.13	0.002310	1.88	24.76	15.30	0.45
Setta	Setta valle-lago	44	Max WS	TR200_02	41.97	691.81	693.84		694.02	0.002463	1.87	23.01	15.06	0.46
Setta	Setta valle-lago	44	Max WS	TR200_03	40.51	691.81	693.71		693.91	0.002974	1.96	21.11	14.84	0.51
Setta	Setta valle-lago	44	Max WS	TR200_04	39.38	691.81	693.62		693.83	0.003454	2.03	19.73	14.68	0.54
Setta	Setta valle-lago	44	Max WS	TR200_06	36.91	691.81	693.50		693.72	0.003982	2.07	18.05	14.44	0.58
Setta	Setta valle-lago	43.9												
Setta	Setta valle-lago	43.667*	Max WS	TR30_01	39.10	691.80	693.65		693.88	0.003468	2.14	18.85	13.24	0.54
Setta	Setta valle-lago	43.667*	Max WS	TR30_02	36.94	691.80	693.56		693.79	0.003730	2.14	17.69	13.00	0.56
Setta	Setta valle-lago	43.667*	Max WS	TR30_03	35.00	691.80	693.47		693.71	0.004064	2.16	16.58	12.80	0.58
Setta	Setta valle-lago	43.667*	Max WS	TR30_04	32.74	691.80	693.40		693.63	0.004191	2.13	15.69	12.67	0.59
Setta	Setta valle-lago	43.667*	Max WS	TR30_06	28.65	691.80	693.30		693.51	0.004169	2.02	14.39	12.47	0.58
Setta	Setta valle-lago	43.667*	Max WS	TR200_01	42.85	691.80	693.95		694.14	0.002368	1.95	22.97	14.22	0.45
Setta	Setta valle-lago	43.667*	Max WS	TR200_02	39.97	691.80	693.82		694.01	0.002586	1.96	21.20	13.80	0.47
Setta	Setta valle-lago	43.667*	Max WS	TR200_03	38.57	691.80	693.69		693.90	0.003098	2.05	19.41	13.37	0.51
Setta	Setta valle-lago	43.667*	Max WS	TR200_04	37.48	691.80	693.59		693.82	0.003579	2.12	18.12	13.07	0.55
Setta	Setta valle-lago	43.667*	Max WS	TR200_06	35.03	691.80								

HEC-RAS Profile: Max WS (Continued)

River	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
Setta	Setta valle-lago	30	Max WS	TR30_02	50.82	688.10	690.05		690.60	0.009314	3.28	15.49	8.89	0.79
Setta	Setta valle-lago	30	Max WS	TR30_03	44.71	688.10	689.87		690.40	0.009902	3.21	13.92	8.88	0.82
Setta	Setta valle-lago	30	Max WS	TR30_04	39.77	688.10	689.74		690.24	0.010279	3.13	12.70	8.87	0.84
Setta	Setta valle-lago	30	Max WS	TR30_06	32.73	688.10	689.54		689.99	0.010907	2.99	10.95	8.85	0.86
Setta	Setta valle-lago	30	Max WS	TR200_01	70.47	688.10	690.80		691.32	0.006309	3.17	22.22	8.93	0.64
Setta	Setta valle-lago	30	Max WS	TR200_02	65.11	688.10	690.54		691.09	0.007389	3.27	19.89	8.93	0.70
Setta	Setta valle-lago	30	Max WS	TR200_03	58.20	688.10	690.29		690.85	0.008332	3.30	17.66	8.91	0.75
Setta	Setta valle-lago	30	Max WS	TR200_04	52.95	688.10	690.12		690.67	0.009055	3.29	16.08	8.90	0.78
Setta	Setta valle-lago	30	Max WS	TR200_06	44.94	688.10	689.88		690.41	0.009876	3.22	13.98	8.88	0.82
Setta	Setta valle-lago	25.000*	Max WS	TR30_01	61.25	687.90	690.12	689.85	690.78	0.009731	3.59	17.18	13.38	0.81
Setta	Setta valle-lago	25.000*	Max WS	TR30_02	53.55	687.90	689.96		690.55	0.009668	3.42	15.67	8.46	0.80
Setta	Setta valle-lago	25.000*	Max WS	TR30_03	45.93	687.90	689.78		690.32	0.009520	3.24	14.18	8.46	0.80
Setta	Setta valle-lago	25.000*	Max WS	TR30_04	40.37	687.90	689.64		690.13	0.009497	3.10	13.00	8.45	0.80
Setta	Setta valle-lago	25.000*	Max WS	TR30_06	32.76	687.90	689.43		689.87	0.009615	2.91	11.26	8.45	0.81
Setta	Setta valle-lago	25.000*	Max WS	TR200_01	86.12	687.90	690.73	690.58	691.32	0.006644	3.53	28.42	23.44	0.70
Setta	Setta valle-lago	25.000*	Max WS	TR200_02	78.29	687.90	690.47	690.35	691.13	0.008270	3.67	22.80	19.16	0.76
Setta	Setta valle-lago	25.000*	Max WS	TR200_03	64.82	687.90	690.20	689.92	690.87	0.009537	3.64	18.27	14.75	0.80
Setta	Setta valle-lago	25.000*	Max WS	TR200_04	56.55	687.90	690.02		690.64	0.009742	3.49	16.22	8.50	0.80
Setta	Setta valle-lago	25.000*	Max WS	TR200_06	46.20	687.90	689.79		690.32	0.009521	3.25	14.24	8.46	0.80
Setta	Setta valle-lago	20	Max WS	TR30_01	61.26	687.70	690.03	689.72	690.69	0.009188	3.58	17.11	8.00	0.78
Setta	Setta valle-lago	20	Max WS	TR30_02	53.56	687.70	689.87	689.56	690.45	0.009032	3.40	15.77	8.00	0.77
Setta	Setta valle-lago	20	Max WS	TR30_03	45.94	687.70	689.69	689.40	690.21	0.008887	3.20	14.37	8.00	0.76
Setta	Setta valle-lago	20	Max WS	TR30_04	40.37	687.70	689.55	689.27	690.02	0.008852	3.05	13.24	8.00	0.76
Setta	Setta valle-lago	20	Max WS	TR30_06	32.76	687.70	689.34	689.09	689.75	0.008673	2.83	11.58	7.99	0.75
Setta	Setta valle-lago	20	Max WS	TR200_01	90.89	687.70	690.60	690.27	691.50	0.011039	4.20	21.66	7.85	0.79
Setta	Setta valle-lago	20	Max WS	TR200_02	77.76	687.70	690.36	690.03	691.15	0.010515	3.95	19.70	7.98	0.77
Setta	Setta valle-lago	20	Max WS	TR200_03	64.89	687.70	690.11	689.79	690.79	0.009285	3.67	17.70	8.00	0.79
Setta	Setta valle-lago	20	Max WS	TR200_04	56.57	687.70	689.93	689.62	690.55	0.009108	3.47	16.30	8.00	0.78
Setta	Setta valle-lago	20	Max WS	TR200_06	46.21	687.70	689.70	689.41	690.22	0.008889	3.20	14.42	8.00	0.76
Setta	Setta valle-lago	10	Max WS	TR30_01	61.26	687.55	689.94	689.64	690.60	0.009415	3.61	16.95	8.00	0.79
Setta	Setta valle-lago	10	Max WS	TR30_02	53.57	687.55	689.77	689.48	690.37	0.009263	3.43	15.62	8.00	0.78
Setta	Setta valle-lago	10	Max WS	TR30_03	45.95	687.55	689.60	689.32	690.13	0.009128	3.23	14.22	8.00	0.77
Setta	Setta valle-lago	10	Max WS	TR30_04	40.38	687.55	689.46	689.19	689.94	0.009017	3.08	13.10	7.99	0.77
Setta	Setta valle-lago	10	Max WS	TR30_06	32.77	687.55	689.25	689.02	689.67	0.008824	2.86	11.46	7.99	0.76
Setta	Setta valle-lago	10	Max WS	TR200_01	90.89	687.55	690.49	690.19	691.41	0.011337	4.26	21.35	7.91	0.79
Setta	Setta valle-lago	10	Max WS	TR200_02	77.78	687.55	690.25	689.95	691.07	0.009932	4.00	19.46	8.00	0.82
Setta	Setta valle-lago	10	Max WS	TR200_03	64.91	687.55	690.01	689.71	690.71	0.009516	3.70	17.54	8.00	0.80
Setta	Setta valle-lago	10	Max WS	TR200_04	56.58	687.55	689.84	689.55	690.46	0.009341	3.51	16.14	8.00	0.79
Setta	Setta valle-lago	10	Max WS	TR200_06	46.22	687.55	689.60	689.33	690.14	0.009129	3.24	14.28	8.00	0.77
Setta	Setta valle-lago	5.5000*	Max WS	TR30_01	61.25	687.39	689.74		690.32	0.007577	3.38	18.54	11.08	0.77
Setta	Setta valle-lago	5.5000*	Max WS	TR30_02	53.57	687.39	689.58		690.11	0.007586	3.23	16.84	10.62	0.77
Setta	Setta valle-lago	5.5000*	Max WS	TR30_03	45.95	687.39	689.42		689.90	0.007625	3.06	15.11	10.13	0.77
Setta	Setta valle-lago	5.5000*	Max WS	TR30_04	40.38	687.39	689.28		689.72	0.007740	2.94	13.79	9.73	0.77
Setta	Setta valle-lago	5.5000*	Max WS	TR30_06	32.77	687.39	689.08		689.47	0.008073	2.76	11.88	9.25	0.78
Setta	Setta valle-lago	5.5000*	Max WS	TR200_01	90.88	687.39	690.24		691.00	0.007968	3.92	24.42	12.76	0.80
Setta	Setta valle-lago	5.5000*	Max WS	TR200_02	77.78	687.39	690.03		690.72	0.007810	3.70	21.87	11.96	0.79
Setta	Setta valle-lago	5.5000*	Max WS	TR200_03	64.90	687.39	689.81		690.41	0.007612	3.45	19.31	11.28	0.78
Setta	Setta valle-lago	5.5000*	Max WS	TR200_04	56.57	687.39	689.65		690.20	0.007604	3.29	17.49	10.79	0.77
Setta	Setta valle-lago	5.5000*	Max WS	TR200_06	46.22	687.39	689.42		689.90	0.007613	3.07	15.18	10.15	0.77
Setta	Setta valle-lago	3	Max WS	TR30_01	61.25	687.23	689.54	689.16	689.89	0.004768	2.70	26.01	21.08	0.61
Setta	Setta valle-lago	3	Max WS	TR30_02	53.57	687.23	689.39	689.01	689.72	0.004880	2.62	22.98	19.94	0.62
Setta	Setta valle-lago	3	Max WS	TR30_03	45.95	687.23	689.24	688.81	689.55	0.004947	2.51	20.03	18.46	0.62
Setta	Setta valle-lago	3	Max WS	TR30_04	40.38	687.23	689.12	688.70	689.41	0.005008	2.41	17.84	17.42	0.62
Setta	Setta valle-lago	3	Max WS	TR30_06	32.77	687.23	688.93	688.53	689.19	0.005154	2.27	14.72	13.61	0.62
Setta	Setta valle-lago	3	Max WS	TR200_01	90.88	687.23	690.00	689.61	690.40	0.004533	2.98	36.54	24.89	0.61
Setta	Setta valle-lago	3	Max WS	TR200_02	77.78	687.23	689.81	689.43	690.19	0.004699	2.88	31.83	22.42	0.61
Setta	Setta valle-lago	3	Max WS	TR200_03	64.90	687.23	689.60	689.23	689.96	0.004742	2.74	27.35	21.45	0.61
Setta	Setta valle-lago	3	Max WS	TR200_04	56.57	687.23	689.45	689.07	689.79	0.004859	2.66	24.12	20.42	0.62
Setta	Setta valle-lago	3	Max WS	TR200_06	46.22	687.23	689.24	688.82	689.55	0.004947	2.51	20.13	18.51	0.62
Setta	Setta valle-lago	2.5			Inl Struct									
Setta	Setta valle-lago	2	Max WS	TR30_01	61.14	686.04	689.26		689.56	0.003828	2.47	26.60	18.66	0.52
Setta	Setta valle-lago	2	Max WS	TR30_02	53.57	686.04	689.12		689.39	0.003693	2.34	24.02	17.44	0.51
Setta	Setta valle-lago	2	Max WS	TR30_03	45.95	686.04	688.91		689.17	0.003791	2.24	20.73	13.37	0.51
Setta	Setta valle-lago	2	Max WS	TR30_04	40.38	686.04	688.80		689.02	0.003567	2.10	19.29	11.69	0.50
Setta	Setta valle-lago	2	Max WS	TR30_06	32.77	686.04	688.60		688.79	0.003275	1.91	17.20	10.29	0.47
Setta	Setta valle-lago	2	Max WS	TR200_01	90.86	686.04	689.72		690.11	0.004272	2.89	35.99	22.09	0.56
Setta	Setta valle-lago	2	Max WS	TR200_02	77.78	686.04	689.54		689.89	0.004076	2.72	32.06	21.06	0.54
Setta	Setta valle-lago	2	Max WS	TR200_03	64.90	686.04	689.32		689.64	0.003901	2.54	27.82	19.21	0.53
Setta	Setta valle-lago	2	Max WS	TR200_04	56.51	686.04	689.17		689.46	0.003764	2.40	24.98	17.90	0.52
Setta	Setta valle-lago	2	Max WS	TR200_06	46.21	686.04	688.92		689.18	0.003800	2.25	20.80	13.50	0.51
Setta	Setta valle-lago	1	Max WS	TR30_01	61.15	686.04	689.26		689.56	0.003832	2.47	26.59	18.65	0.52
Setta	Setta valle-lago	1	Max WS	TR30_02	53.57	686.04	689.12		689.39	0.003697	2.34	24.01	17.43	0.51
Setta	Setta valle-lago	1	Max WS	TR30_03	45.95	686.04	688.91		689.17	0.003793	2.24	20.72	13.36	0.51
Setta	Setta valle-lago	1	Max WS	TR30_04	40.38	686.04	688.80		689.02	0.003568	2.10	19.28	11.69	0.50
Setta	Setta valle-lago	1	Max WS	TR30_06	32.77	686.04	688.60		688.79	0.003276	1.91	17.19	10.29	0.47
Setta	Setta valle-lago	1	Max WS	TR200_01	90.86	686.04	689.72		690.11	0.004276	2.89	35.98	22.09	0.56
Setta	Setta valle-lago	1	Max WS	TR200_02	77.78	686.04	689.53		689.89	0.004080	2.72	32.07	21.06	0.54
Setta	Setta valle-lago	1	Max WS	TR200_03	64.90	686.04	689.32		689.64	0.003903	2.54	27.82	19.21	0.53
Setta	Setta valle-lago	1	Max WS	TR200_04	56.51	686.04	689.17		689.46	0.003767	2.40	24.97	17.90	0.52
Setta	Setta valle-lago	1	Max WS	TR200_06	46.21	686.04	688.92		689.18	0.003804	2.25	20.79	13.49	0.51
Setta	Setta monte	210	Max WS	TR30_01	45.37	722.93	724.36	724.46	725.01	0.012194	3.69	13.85	14.49	1.03
Setta	Setta monte	210	Max WS	TR30_02	37.49	722.93	724.23	724.32	724.82	0.012254	3.46	12.02	14.3	

HEC-RAS Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
					(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
Setta	Setta monte	205.00*	Max WS	TR200_06	31.78	721.92	723.29	723.33	723.83	0.014164	3.27	9.88	10.90	1.06
Setta	Setta monte	200	Max WS	TR30_01	45.35	720.91	722.68	722.69	723.18	0.010492	3.18	15.70	18.40	0.92
Setta	Setta monte	200	Max WS	TR30_02	37.46	720.91	722.55	722.54	723.00	0.010835	3.01	13.32	16.58	0.92
Setta	Setta monte	200	Max WS	TR30_03	31.84	720.91	722.44	722.42	722.85	0.011223	2.88	11.58	15.10	0.92
Setta	Setta monte	200	Max WS	TR30_04	27.84	720.91	722.35	722.32	722.74	0.011544	2.77	10.35	13.96	0.92
Setta	Setta monte	200	Max WS	TR30_06	22.44	720.91	722.23	722.19	722.57	0.011880	2.58	8.77	12.35	0.92
Setta	Setta monte	200	Max WS	TR200_01	65.60	720.91	723.00	723.02	723.57	0.009318	3.49	22.99	24.88	0.90
Setta	Setta monte	200	Max WS	TR200_02	53.81	720.91	722.82	722.82	723.35	0.009948	3.32	18.40	20.93	0.91
Setta	Setta monte	200	Max WS	TR200_03	45.04	720.91	722.68	722.68	723.17	0.010456	3.17	15.64	18.35	0.92
Setta	Setta monte	200	Max WS	TR200_04	39.11	720.91	722.58	722.58	723.04	0.010803	3.05	13.81	16.96	0.92
Setta	Setta monte	200	Max WS	TR200_06	31.78	720.91	722.44	722.41	722.85	0.011226	2.88	11.56	15.08	0.92
Setta	Setta monte	195.00*	Max WS	TR30_01	53.67	720.12	721.92	721.95	722.55	0.013189	3.50	15.33	13.02	1.03
Setta	Setta monte	195.00*	Max WS	TR30_02	44.77	720.12	721.80	721.80	722.34	0.012802	3.27	13.66	12.63	1.00
Setta	Setta monte	195.00*	Max WS	TR30_03	37.97	720.12	721.69	721.67	722.17	0.012430	3.07	12.36	12.31	0.98
Setta	Setta monte	195.00*	Max WS	TR30_04	33.12	720.12	721.61	721.57	722.04	0.012109	2.91	11.37	12.06	0.96
Setta	Setta monte	195.00*	Max WS	TR30_06	26.80	720.12	721.49	721.46	721.86	0.011650	2.70	9.94	11.70	0.93
Setta	Setta monte	195.00*	Max WS	TR200_01	78.14	720.12	722.24	722.32	723.05	0.013825	4.00	19.54	13.97	1.08
Setta	Setta monte	195.00*	Max WS	TR200_02	64.01	720.12	722.06	722.11	722.77	0.013548	3.73	17.14	13.44	1.06
Setta	Setta monte	195.00*	Max WS	TR200_03	53.57	720.12	721.92	721.95	722.55	0.013196	3.50	15.31	13.02	1.03
Setta	Setta monte	195.00*	Max WS	TR200_04	46.52	720.12	721.82	721.83	722.38	0.012891	3.32	14.01	12.71	1.01
Setta	Setta monte	195.00*	Max WS	TR200_06	37.88	720.12	721.69	721.67	722.17	0.012427	3.07	12.34	12.30	0.98
Setta	Setta monte	190	Max WS	TR30_01	54.44	719.34	721.03	721.10	721.67	0.015242	3.53	15.42	14.65	1.10
Setta	Setta monte	190	Max WS	TR30_02	45.39	719.34	720.91	720.97	721.48	0.015464	3.33	13.63	14.33	1.09
Setta	Setta monte	190	Max WS	TR30_03	38.49	719.34	720.81	720.86	721.32	0.015622	3.16	12.20	14.08	1.08
Setta	Setta monte	190	Max WS	TR30_04	33.56	719.34	720.73	720.77	721.20	0.015773	3.02	11.13	13.89	1.08
Setta	Setta monte	190	Max WS	TR30_06	27.16	719.34	720.62	720.65	721.03	0.015707	2.82	9.62	13.25	1.06
Setta	Setta monte	190	Max WS	TR200_01	79.24	719.34	721.34	721.44	722.14	0.014798	3.97	19.98	15.41	1.11
Setta	Setta monte	190	Max WS	TR200_02	64.86	719.34	721.17	721.25	721.88	0.015059	3.73	17.38	14.98	1.11
Setta	Setta monte	190	Max WS	TR200_03	54.27	719.34	721.03	721.10	721.67	0.015258	3.53	15.39	14.64	1.10
Setta	Setta monte	190	Max WS	TR200_04	47.12	719.34	720.93	720.99	721.51	0.015421	3.37	13.96	14.39	1.09
Setta	Setta monte	190	Max WS	TR200_06	38.38	719.34	720.81	720.86	721.31	0.015633	3.15	12.17	14.07	1.08
Setta	Setta monte	187.50*	Max WS	TR30_01	54.91	719.19	720.50		720.84	0.008079	2.59	21.23	20.47	0.81
Setta	Setta monte	187.50*	Max WS	TR30_02	45.76	719.19	720.38		720.68	0.008203	2.44	18.78	20.09	0.80
Setta	Setta monte	187.50*	Max WS	TR30_03	38.80	719.19	720.28		720.55	0.008316	2.31	16.81	19.77	0.80
Setta	Setta monte	187.50*	Max WS	TR30_04	33.84	719.19	720.20		720.45	0.008443	2.21	15.33	19.52	0.80
Setta	Setta monte	187.50*	Max WS	TR30_06	27.38	719.19	720.10		720.32	0.008629	2.06	13.30	19.17	0.79
Setta	Setta monte	187.50*	Max WS	TR200_01	79.90	719.19	720.79		721.23	0.007874	2.92	27.37	21.47	0.83
Setta	Setta monte	187.50*	Max WS	TR200_02	65.38	719.19	720.63		721.01	0.008001	2.74	23.87	20.91	0.82
Setta	Setta monte	187.50*	Max WS	TR200_03	54.70	719.19	720.50		720.84	0.008088	2.58	21.17	20.46	0.81
Setta	Setta monte	187.50*	Max WS	TR200_04	47.49	719.19	720.40		720.71	0.008181	2.47	19.25	20.16	0.81
Setta	Setta monte	187.50*	Max WS	TR200_06	38.68	719.19	720.28		720.55	0.008323	2.31	16.78	19.77	0.80
Setta	Setta monte	185	Max WS	TR30_01	55.38	719.05	720.21	719.89	720.38	0.004138	1.81	30.67	31.32	0.58
Setta	Setta monte	185	Max WS	TR30_02	46.13	719.05	720.09	719.80	720.24	0.004291	1.71	26.97	30.58	0.58
Setta	Setta monte	185	Max WS	TR30_03	39.11	719.05	720.00	719.73	720.13	0.004414	1.63	24.01	29.96	0.58
Setta	Setta monte	185	Max WS	TR30_04	34.11	719.05	719.92	719.68	720.05	0.004531	1.56	21.80	29.48	0.58
Setta	Setta monte	185	Max WS	TR30_06	27.60	719.05	719.82	719.60	719.93	0.004716	1.47	18.77	28.75	0.58
Setta	Setta monte	185	Max WS	TR200_01	80.57	719.05	720.50	720.10	720.71	0.003694	2.03	39.97	32.79	0.57
Setta	Setta monte	185	Max WS	TR200_02	65.89	719.05	720.34	719.98	720.53	0.003909	1.90	34.68	31.99	0.58
Setta	Setta monte	185	Max WS	TR200_03	55.13	719.05	720.21	719.89	720.38	0.004143	1.80	30.58	31.30	0.58
Setta	Setta monte	185	Max WS	TR200_04	47.86	719.05	720.12	719.82	720.27	0.004263	1.73	27.68	30.73	0.58
Setta	Setta monte	185	Max WS	TR200_06	38.99	719.05	719.99	719.73	720.13	0.004418	1.63	23.95	29.94	0.58
Setta	Setta monte	184												
Setta	Setta monte	183												
Setta	Setta monte	183	Max WS	TR30_01	55.37	713.55	715.28		715.49	0.003258	2.06	26.93	17.99	0.54
Setta	Setta monte	183	Max WS	TR30_02	46.02	713.55	714.77		715.10	0.007498	2.54	18.13	16.78	0.78
Setta	Setta monte	183	Max WS	TR30_03	39.11	713.55	714.62		714.94	0.008629	2.51	15.57	16.34	0.82
Setta	Setta monte	183	Max WS	TR30_04	34.10	713.55	714.49		714.82	0.010100	2.52	13.54	15.99	0.87
Setta	Setta monte	183	Max WS	TR30_06	27.60	713.55	714.34		714.65	0.012252	2.49	11.10	15.52	0.94
Setta	Setta monte	183	Max WS	TR200_01	80.54	713.55	715.61		715.91	0.003759	2.44	33.00	18.78	0.59
Setta	Setta monte	183	Max WS	TR200_02	65.89	713.55	715.50		715.73	0.003960	2.13	30.89	18.51	0.53
Setta	Setta monte	183	Max WS	TR200_03	55.13	713.55	715.27		715.49	0.003281	2.06	26.79	17.97	0.54
Setta	Setta monte	183	Max WS	TR200_04	47.87	713.55	714.80		715.14	0.007574	2.58	18.54	16.84	0.79
Setta	Setta monte	183	Max WS	TR200_06	38.98	713.55	714.62		714.94	0.008642	2.51	15.53	16.34	0.82
Setta	Setta monte	182.33*	Max WS	TR30_01	55.74	713.01	715.21		715.39	0.002126	1.87	29.77	15.96	0.44
Setta	Setta monte	182.33*	Max WS	TR30_02	46.06	713.01	714.57		714.85	0.004729	2.31	19.98	14.64	0.63
Setta	Setta monte	182.33*	Max WS	TR30_03	39.36	713.01	714.39		714.65	0.005311	2.27	17.32	14.26	0.66
Setta	Setta monte	182.33*	Max WS	TR30_04	34.32	713.01	714.23		714.49	0.006188	2.28	15.05	13.92	0.70
Setta	Setta monte	182.33*	Max WS	TR30_06	27.77	713.01	714.02		714.28	0.007701	2.28	12.19	13.45	0.76
Setta	Setta monte	182.33*	Max WS	TR200_01	81.05	713.01	715.52		715.79	0.002877	2.34	34.69	16.56	0.52
Setta	Setta monte	182.33*	Max WS	TR200_02	66.30	713.01	715.43		715.63	0.002175	1.99	33.27	16.40	0.45
Setta	Setta monte	182.33*	Max WS	TR200_03	55.47	713.01	715.21		715.38	0.002131	1.87	29.65	15.95	0.44
Setta	Setta monte	182.33*	Max WS	TR200_04	48.16	713.01	714.60		714.88	0.004936	2.37	20.29	14.68	0.64
Setta	Setta monte	182.33*	Max WS	TR200_06	39.23	713.01	714.39		714.65	0.005313	2.27	17.28	14.25	0.66
Setta	Setta monte													

HEC-RAS Profile: Max WS (Continued)

River	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
Setta	Setta monte	180	Max WS	TR200_02	67.18	711.90	715.09	714.09	715.52	0.004995	2.96	24.95	14.38	0.55
Setta	Setta monte	180	Max WS	TR200_03	56.20	711.90	714.90	713.85	715.26	0.004520	2.69	22.35	12.96	0.52
Setta	Setta monte	180	Max WS	TR200_04	48.78	711.90	714.06	713.66	714.65	0.009670	3.38	14.44	7.42	0.74
Setta	Setta monte	180	Max WS	TR200_06	39.75	711.90	713.90	713.43	714.35	0.008008	2.98	13.36	7.41	0.67
Setta	Setta monte	170												
					Bridge									
Setta	Setta monte	165	Max WS	TR30_01	56.52	711.85	713.99		714.79	0.013346	3.95	14.30	7.42	0.86
Setta	Setta monte	165	Max WS	TR30_02	47.85	711.85	713.81		714.49	0.012408	3.67	13.04	7.41	0.84
Setta	Setta monte	165	Max WS	TR30_03	39.90	711.85	713.63		714.21	0.011302	3.36	11.87	7.40	0.81
Setta	Setta monte	165	Max WS	TR30_04	34.78	711.85	713.51		714.01	0.010554	3.15	11.05	7.40	0.78
Setta	Setta monte	165	Max WS	TR30_06	28.14	711.85	713.34		713.75	0.009527	2.84	9.89	7.39	0.75
Setta	Setta monte	165	Max WS	TR200_01	82.18	711.85	714.50	714.41	715.58	0.015076	4.63	18.09	9.95	0.91
Setta	Setta monte	165	Max WS	TR200_02	65.06	711.85	714.28		715.10	0.012367	4.00	16.26	7.43	0.82
Setta	Setta monte	165	Max WS	TR200_03	56.20	711.85	713.99		714.78	0.013286	3.94	14.27	7.42	0.86
Setta	Setta monte	165	Max WS	TR200_04	48.78	711.85	713.83		714.53	0.012482	3.70	13.20	7.41	0.84
Setta	Setta monte	165	Max WS	TR200_06	39.75	711.85	713.63		714.20	0.011280	3.36	11.84	7.40	0.81
Setta	Setta monte	164	Max WS	TR30_01	56.86	711.61	713.60		714.36	0.012468	3.88	14.67	9.30	0.99
Setta	Setta monte	164	Max WS	TR30_02	48.09	711.61	713.44	713.39	714.11	0.012086	3.65	13.19	9.06	0.97
Setta	Setta monte	164	Max WS	TR30_03	40.14	711.61	713.29		713.87	0.011422	3.38	11.87	8.84	0.93
Setta	Setta monte	164	Max WS	TR30_04	34.99	711.61	713.18		713.70	0.010980	3.20	10.94	8.69	0.91
Setta	Setta monte	164	Max WS	TR30_06	28.31	711.61	713.03		713.47	0.010291	2.93	9.66	8.47	0.87
Setta	Setta monte	164	Max WS	TR200_01	82.70	711.61	714.02	714.21	714.96	0.011899	4.34	20.67	19.79	0.99
Setta	Setta monte	164	Max WS	TR200_02	65.42	711.61	713.91	713.72	714.60	0.009332	3.70	18.45	19.15	0.87
Setta	Setta monte	164	Max WS	TR200_03	56.53	711.61	713.59	713.57	714.35	0.012415	3.86	14.63	9.30	0.98
Setta	Setta monte	164	Max WS	TR200_04	49.07	711.61	713.46	713.41	714.14	0.012104	3.67	13.37	9.09	0.97
Setta	Setta monte	164	Max WS	TR200_06	39.99	711.61	713.28		713.87	0.011409	3.38	11.84	8.84	0.93
Setta	Setta monte	160	Max WS	TR30_01	57.41	711.12	712.80		712.76	0.007997	3.06	21.53	22.72	0.84
Setta	Setta monte	160	Max WS	TR30_02	48.39	711.12	712.63		712.65	0.009445	3.05	17.79	22.30	0.90
Setta	Setta monte	160	Max WS	TR30_03	40.67	711.12	712.52		712.52	0.009662	2.92	15.19	21.27	0.90
Setta	Setta monte	160	Max WS	TR30_04	35.46	711.12	712.43		712.41	0.010293	2.81	13.43	19.53	0.91
Setta	Setta monte	160	Max WS	TR30_06	28.69	711.12	712.31		712.27	0.010746	2.63	11.23	16.76	0.91
Setta	Setta monte	160	Max WS	TR200_01	70.84	711.12	713.41		713.66	0.002866	2.36	35.93	24.28	0.54
Setta	Setta monte	160	Max WS	TR200_02	64.57	711.12	713.37		713.59	0.002573	2.20	34.98	24.18	0.51
Setta	Setta monte	160	Max WS	TR200_03	57.26	711.12	712.80		712.76	0.008003	3.06	21.48	22.71	0.84
Setta	Setta monte	160	Max WS	TR200_04	49.71	711.12	712.66		712.66	0.009320	3.07	18.26	22.35	0.89
Setta	Setta monte	160	Max WS	TR200_06	40.51	711.12	712.51		712.93	0.009965	2.92	15.14	21.23	0.90
Setta	Setta monte	158	Max WS	TR30_01	58.02	710.10	712.40		712.70	0.004237	2.49	24.88	18.65	0.63
Setta	Setta monte	158	Max WS	TR30_02	48.89	710.10	712.15		712.47	0.005463	2.52	20.34	18.08	0.70
Setta	Setta monte	158	Max WS	TR30_03	41.17	710.10	712.00		712.30	0.005857	2.42	17.67	17.70	0.71
Setta	Setta monte	158	Max WS	TR30_04	35.89	710.10	711.89		712.17	0.006180	2.33	15.79	17.42	0.71
Setta	Setta monte	158	Max WS	TR30_06	29.04	710.10	711.74		711.99	0.006745	2.20	13.27	15.73	0.73
Setta	Setta monte	158	Max WS	TR200_01	66.32	710.10	713.32		713.46	0.001087	1.71	43.15	20.85	0.34
Setta	Setta monte	158	Max WS	TR200_02	62.86	710.10	713.31		713.44	0.000990	1.63	42.95	20.82	0.33
Setta	Setta monte	158	Max WS	TR200_03	57.92	710.10	712.40		712.70	0.004247	2.49	24.83	18.64	0.63
Setta	Setta monte	158	Max WS	TR200_04	50.31	710.10	712.18		712.50	0.005403	2.54	20.82	18.14	0.69
Setta	Setta monte	158	Max WS	TR200_06	41.00	710.10	712.00		712.29	0.005868	2.41	17.61	17.69	0.71
Setta	Setta monte	156	Max WS	TR30_01	58.56	710.10	712.21		711.62	0.002840	2.47	28.86	20.41	0.55
Setta	Setta monte	156	Max WS	TR30_02	49.41	710.10	711.90		711.47	0.003708	2.53	22.90	17.88	0.61
Setta	Setta monte	156	Max WS	TR30_03	41.60	710.10	711.73		711.34	0.003720	2.38	20.12	16.57	0.60
Setta	Setta monte	156	Max WS	TR30_04	36.27	710.10	711.62		711.22	0.003713	2.25	18.21	15.62	0.59
Setta	Setta monte	156	Max WS	TR30_06	29.34	710.10	711.45		711.09	0.003744	2.09	15.65	14.84	0.58
Setta	Setta monte	156	Max WS	TR200_01	66.55	710.10	713.21		713.73	0.000742	1.64	56.83	33.54	0.30
Setta	Setta monte	156	Max WS	TR200_02	65.11	710.10	713.21		711.71	0.000713	1.61	56.73	33.52	0.29
Setta	Setta monte	156	Max WS	TR200_03	58.49	710.10	712.20		711.62	0.002852	2.47	28.79	20.38	0.55
Setta	Setta monte	156	Max WS	TR200_04	50.83	710.10	711.92		711.50	0.003706	2.55	23.40	18.10	0.61
Setta	Setta monte	156	Max WS	TR200_06	41.42	710.10	711.73		711.33	0.003719	2.37	20.06	16.54	0.60
Setta	Setta monte	155												
					Inl Struct									
Setta	Setta monte	154	Max WS	TR30_01	58.56	709.35	712.15		712.36	0.001871	2.22	33.37	19.99	0.43
Setta	Setta monte	154	Max WS	TR30_02	49.37	709.35	711.59		711.87	0.003191	2.50	23.45	15.53	0.54
Setta	Setta monte	154	Max WS	TR30_03	41.60	709.35	711.30		711.59	0.003901	2.51	19.10	14.17	0.58
Setta	Setta monte	154	Max WS	TR30_04	36.27	709.35	711.15		711.42	0.004048	2.42	17.00	13.46	0.58
Setta	Setta monte	154	Max WS	TR30_06	29.34	709.35	710.95		711.19	0.004104	2.26	14.44	12.55	0.57
Setta	Setta monte	154	Max WS	TR200_01	66.55	709.35	713.15		713.25	0.000654	1.61	59.85	33.41	0.27
Setta	Setta monte	154	Max WS	TR200_02	65.11	709.35	713.15		713.24	0.000627	1.58	59.80	33.39	0.26
Setta	Setta monte	154	Max WS	TR200_03	58.49	709.35	712.15		712.36	0.001677	2.23	33.29	19.95	0.43
Setta	Setta monte	154	Max WS	TR200_04	50.83	709.35	711.67		711.94	0.002964	2.47	24.69	16.06	0.52
Setta	Setta monte	154	Max WS	TR200_06	41.42	709.35	711.29		711.59	0.003906	2.51	19.03	14.14	0.58
Setta	Setta monte	153	Max WS	TR30_01	58.60	709.35	712.14		711.19	0.001868	2.22	33.64	20.41	0.43
Setta	Setta monte	153	Max WS	TR30_02	49.40	709.35	711.57		711.01	0.003262	2.52	23.39	15.77	0.54
Setta	Setta monte	153	Max WS	TR30_03	41.63	709.35	711.28		710.84	0.004058	2.55	18.90	14.30	0.59
Setta	Setta monte	153	Max WS	TR30_04	36.30	709.35	711.12		710.72	0.004244	2.46	16.76	13.55	0.59
Setta	Setta monte	153	Max WS	TR30_06	29.37	709.35	710.92		710.54	0.004344	2.30	14.18	12.58	0.59
Setta	Setta monte	153	Max WS	TR200_01	65.63	709.35	713.15		711.31	0.000621	1.57	60.34	32.93	0.26
Setta	Setta monte	153	Max WS	TR200_02	64.39	709.35	713.15		711.29	0.000600	1.55	60.26	32.93	0.25
Setta	Setta monte	153	Max WS	TR200_03	58.53	709.35	712.14		711.18	0.001874	2.22	33.56	20.37	0.43
Setta	Setta monte	153	Max WS	TR200_04	50.86	709.35	711.66		711.04	0.003012	2.48	24.68	16.29	0.52
Setta	Setta monte	153	Max WS	TR200_06	41.46	709.35	711.27		710.84	0.004067	2.54	18.82	14.28	0.59
Setta	Setta monte	152												
					Inl Struct									
Setta	Setta monte	151	Max WS	TR30_01	58.61	708.45	712.08		712.23	0.001153	1.83	38.95	19.68	0.31
Setta	Setta monte	151	Max WS	TR30_02	49.40	708.45	711.56		711.73	0.001544	1.91	29.76	15.54	0.35
Setta	Setta monte	151	Max WS	TR30_03	41.63	708.45	711.12		711.31	0.001989	1.96	23.45	13.45	0.39
Setta	Setta monte	151	Max WS	TR30_04	36.30	708.45	710.84		711.03	0.002305	1.95	19.87	12.11	0.41
Setta	Setta monte	151	Max WS	TR30_06	29.37	708.45	710.52		710.70	0.002571	1.87	16.21	10.57	0.42
Setta	Setta monte	151	Max WS	TR200_01	65.63	708.45	713.09		713.17	0.000483	1.40	64.39	31.39	0.21
Setta	Setta monte	151	Max WS	TR200_02	64.39	708.45	713.09</							

HEC-RAS Profile: Max WS (Continued)

River	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
Setta	Setta monte	145	Max WS	TR30_01	58.83	708.53	711.71	710.66	712.19	0.002500	3.09	19.06	15.72	0.55
Setta	Setta monte	145	Max WS	TR30_02	49.60	708.53	711.21	710.43	711.70	0.003131	3.08	16.08	13.37	0.60
Setta	Setta monte	145	Max WS	TR30_03	41.80	708.53	710.81	710.23	711.28	0.003821	3.06	13.67	11.71	0.65
Setta	Setta monte	145	Max WS	TR30_04	36.45	708.53	710.55	710.08	711.01	0.004313	3.00	12.14	10.66	0.67
Setta	Setta monte	145	Max WS	TR30_06	29.48	708.53	710.26	709.88	710.67	0.004753	2.84	10.38	8.93	0.69
Setta	Setta monte	145	Max WS	TR200_01	66.09	708.53	712.93	710.84	713.19	0.001867	2.32	35.73	39.36	0.40
Setta	Setta monte	145	Max WS	TR200_02	65.77	708.53	712.93	710.84	713.19	0.001847	2.31	35.75	39.38	0.39
Setta	Setta monte	145	Max WS	TR200_03	58.76	708.53	711.70	710.66	712.19	0.002504	3.09	19.03	15.69	0.55
Setta	Setta monte	145	Max WS	TR200_04	51.06	708.53	711.29	710.47	711.77	0.003018	3.09	16.55	13.69	0.59
Setta	Setta monte	145	Max WS	TR200_06	41.62	708.53	710.80	710.22	711.28	0.003837	3.06	13.62	11.67	0.65
Setta	Setta monte	140				Bridge								
Setta	Setta monte	130	Max WS	TR30_01	58.83	708.38	711.05		711.75	0.004616	3.71	15.86	14.77	0.73
Setta	Setta monte	130	Max WS	TR30_02	49.60	708.38	710.81		711.41	0.004527	3.44	14.40	13.97	0.71
Setta	Setta monte	130	Max WS	TR30_03	41.80	708.38	710.59		711.11	0.004419	3.19	13.09	13.24	0.69
Setta	Setta monte	130	Max WS	TR30_04	36.45	708.38	710.43		710.89	0.004317	3.00	12.14	12.72	0.67
Setta	Setta monte	130	Max WS	TR30_06	29.48	708.38	710.21		710.59	0.004140	2.72	10.83	12.02	0.65
Setta	Setta monte	130	Max WS	TR200_01	107.16	708.38	711.81		713.22	0.006620	5.25	20.40	32.57	0.91
Setta	Setta monte	130	Max WS	TR200_02	106.70	708.38	711.81		713.20	0.006590	5.24	20.37	32.50	0.91
Setta	Setta monte	130	Max WS	TR200_03	58.76	708.38	711.05		711.75	0.004614	3.71	15.85	14.77	0.73
Setta	Setta monte	130	Max WS	TR200_04	51.06	708.38	710.85		711.47	0.004544	3.49	14.64	14.10	0.71
Setta	Setta monte	130	Max WS	TR200_06	41.62	708.38	710.59		711.10	0.004417	3.19	13.06	13.23	0.69
Setta	Setta monte	129.67*	Max WS	TR30_01	58.90	708.36	710.93		711.19	0.003244	2.26	26.11	14.41	0.54
Setta	Setta monte	129.67*	Max WS	TR30_02	49.66	708.36	710.73		710.96	0.003171	2.14	23.25	13.73	0.52
Setta	Setta monte	129.67*	Max WS	TR30_03	41.85	708.36	710.54		710.75	0.003092	2.02	20.72	13.09	0.51
Setta	Setta monte	129.67*	Max WS	TR30_04	36.50	708.36	710.40		710.59	0.003020	1.93	18.92	12.61	0.50
Setta	Setta monte	129.67*	Max WS	TR30_06	29.52	708.36	710.20		710.36	0.002908	1.79	16.46	11.93	0.49
Setta	Setta monte	129.67*	Max WS	TR200_01	87.49	708.36	711.38		711.74	0.003730	2.66	32.92	16.58	0.59
Setta	Setta monte	129.67*	Max WS	TR200_02	83.39	708.36	711.33		711.67	0.003632	2.60	32.16	16.09	0.58
Setta	Setta monte	129.67*	Max WS	TR200_03	58.83	708.36	710.93		711.19	0.003243	2.25	26.10	14.41	0.53
Setta	Setta monte	129.67*	Max WS	TR200_04	51.13	708.36	710.76		711.00	0.003182	2.16	23.72	13.84	0.53
Setta	Setta monte	129.67*	Max WS	TR200_06	41.68	708.36	710.53		710.74	0.003090	2.02	20.66	13.07	0.51
Setta	Setta monte	129.33*	Max WS	TR30_01	58.98	708.35	710.87		711.16	0.003978	2.42	24.36	14.28	0.59
Setta	Setta monte	129.33*	Max WS	TR30_02	49.73	708.35	710.66		710.93	0.003974	2.31	21.52	13.57	0.59
Setta	Setta monte	129.33*	Max WS	TR30_03	41.91	708.35	710.47		710.72	0.003972	2.20	19.02	12.93	0.58
Setta	Setta monte	129.33*	Max WS	TR30_04	36.55	708.35	710.33		710.56	0.003963	2.12	17.24	12.45	0.57
Setta	Setta monte	129.33*	Max WS	TR30_06	29.56	708.35	710.13		710.34	0.003951	1.99	14.82	11.76	0.57
Setta	Setta monte	129.33*	Max WS	TR200_01	87.59	708.35	711.31		711.72	0.004452	2.82	31.05	16.12	0.64
Setta	Setta monte	129.33*	Max WS	TR200_02	83.41	708.35	711.27		711.65	0.004326	2.75	30.35	15.80	0.63
Setta	Setta monte	129.33*	Max WS	TR200_03	58.91	708.35	710.86		711.16	0.003977	2.42	24.34	14.27	0.59
Setta	Setta monte	129.33*	Max WS	TR200_04	51.20	708.35	710.70		710.97	0.003974	2.33	21.98	13.69	0.59
Setta	Setta monte	129.33*	Max WS	TR200_06	41.73	708.35	710.47		710.72	0.003973	2.20	18.96	12.91	0.58
Setta	Setta monte	129	Max WS	TR30_01	59.05	708.33	710.82	710.27	711.14	0.004410	2.50	23.64	14.24	0.62
Setta	Setta monte	129	Max WS	TR30_02	49.79	708.33	710.62	710.10	710.91	0.004456	2.39	20.80	13.52	0.62
Setta	Setta monte	129	Max WS	TR30_03	41.97	708.33	710.43	709.96	710.70	0.004511	2.29	18.30	12.86	0.61
Setta	Setta monte	129	Max WS	TR30_04	36.59	708.33	710.29	709.85	710.54	0.004552	2.21	16.53	12.38	0.61
Setta	Setta monte	129	Max WS	TR30_06	29.60	708.33	710.09	709.69	710.31	0.004630	2.10	14.11	11.68	0.61
Setta	Setta monte	129	Max WS	TR200_01	87.67	708.33	711.26	710.71	711.69	0.004843	2.89	30.32	16.11	0.66
Setta	Setta monte	129	Max WS	TR200_02	83.46	708.33	711.22	710.65	711.63	0.004735	2.82	29.62	15.78	0.65
Setta	Setta monte	129	Max WS	TR200_03	58.99	708.33	710.82	710.27	711.14	0.004410	2.50	23.62	14.23	0.62
Setta	Setta monte	129	Max WS	TR200_04	51.27	708.33	710.65	710.14	710.95	0.004446	2.41	21.26	13.64	0.62
Setta	Setta monte	129	Max WS	TR200_06	41.79	708.33	710.42	709.95	710.69	0.004512	2.29	18.24	12.85	0.61
Setta	Setta monte	128.5				Inl Struct								
Setta	Setta monte	128	Max WS	TR30_01	59.05	707.31	709.66	709.67	710.39	0.012699	3.77	15.68	11.08	1.01
Setta	Setta monte	128	Max WS	TR30_02	49.79	707.31	709.49	709.49	710.15	0.012603	3.60	13.85	10.45	1.00
Setta	Setta monte	128	Max WS	TR30_03	41.96	707.31	709.33	709.32	709.94	0.012521	3.43	12.22	9.86	0.98
Setta	Setta monte	128	Max WS	TR30_04	36.59	707.31	709.21	709.19	709.77	0.012484	3.31	11.06	9.44	0.98
Setta	Setta monte	128	Max WS	TR30_06	29.60	707.31	709.04	709.00	709.54	0.012443	3.12	9.48	8.82	0.96
Setta	Setta monte	128	Max WS	TR200_01	87.50	707.31	710.08	710.15	711.00	0.013352	4.24	20.62	12.55	1.06
Setta	Setta monte	128	Max WS	TR200_02	83.20	707.31	710.01	710.08	710.92	0.013555	4.21	19.75	12.31	1.06
Setta	Setta monte	128	Max WS	TR200_03	58.98	707.31	709.66	709.67	710.39	0.012694	3.76	15.67	11.08	1.01
Setta	Setta monte	128	Max WS	TR200_04	51.27	707.31	709.52	709.52	710.19	0.012613	3.62	14.15	10.56	1.00
Setta	Setta monte	128	Max WS	TR200_06	41.79	707.31	709.33	709.31	709.93	0.012525	3.43	12.18	9.85	0.98
Setta	Setta monte	127.00*	Max WS	TR30_01	59.51	706.88	709.13		709.75	0.010397	3.49	17.05	11.95	0.93
Setta	Setta monte	127.00*	Max WS	TR30_02	50.20	706.88	708.96		709.53	0.010278	3.32	15.13	11.38	0.92
Setta	Setta monte	127.00*	Max WS	TR30_03	42.31	706.88	708.81		709.32	0.010165	3.15	13.41	10.83	0.91
Setta	Setta monte	127.00*	Max WS	TR30_04	36.90	706.88	708.69		709.16	0.010107	3.03	12.17	10.40	0.90
Setta	Setta monte	127.00*	Max WS	TR30_06	29.85	706.88	708.52		708.94	0.010059	2.85	10.46	9.80	0.88
Setta	Setta monte	127.00*	Max WS	TR200_01	87.32	706.88	709.52	709.50	710.32	0.011188	3.97	22.01	13.32	0.99
Setta	Setta monte	127.00*	Max WS	TR200_02	81.42	706.88	709.44	709.41	710.21	0.011148	3.90	20.90	13.02	0.98
Setta	Setta monte	127.00*	Max WS	TR200_03	59.46	706.88	709.13		709.75	0.010392	3.49	17.04	11.95	0.93
Setta	Setta monte	127.00*	Max WS	TR200_04	51.68	706.88	708.99		709.56	0.010293	3.35	15.45	11.48	0.92
Setta	Setta monte	127.00*	Max WS	TR200_06	42.14	706.88	708.81		709.31	0.010163	3.15	13.37	10.81	0.90
Setta	Setta monte	126	Max WS	TR30_01	59.97	706.44	708.68		709.18	0.008326	3.14	19.13	13.44	0.84
Setta	Setta monte	126	Max WS	TR30_02	50.59	706.44	708.53		708.98	0.007923	2.95	17.14	12.71	0.81
Setta	Setta monte	126	Max WS	TR30_03	42.66	706.44	708.39		708.78	0.007507	2.77	15.38	12.04	0.78
Setta	Setta monte	126	Max WS	TR30_04	37.21	706.44	708.28		708.64	0.007285	2.64	14.08	11.61	0.77
Setta	Setta monte	126	Max WS	TR30_06	30.10	706.44	708.12		708.43	0.006980	2.45	12.26	10.98	0.74
Setta	Setta monte	126	Max WS	TR200_01	88.05	706.44	709.03	708.96	709.71	0.008909	3.66	25.08	24.51	0.89
Setta	Setta monte	126	Max WS	TR200_02	81.65	706.44	708.96	708.83	709.60	0.008878	3.57	23.38	20.34	0.89
Setta	Setta monte	126	Max WS	TR200_03	59.94	706.44	708.68		709.18	0.008323	3.13	19.12	13.44	0.84
Setta	Setta monte	126	Max WS	TR200_04	52.11	706.44	708.56		709.01	0.007995	2.98	17.46	12.84	0.82
Setta	Setta monte	126	Max WS	TR200_06	42.48	706.44	708.39		708.78	0.007503	2.77	15.33	12.02	0.78
Setta	Setta monte	125.50*	Max WS	TR30_01	60.44	706.23	70							

River	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
Setta	Setta monte	125	Max WS	TR200_01	89.52	706.01	708.24	708.04	708.75	0.007032	3.17	29.06	27.97	0.81
Setta	Setta monte	125	Max WS	TR200_02	81.97	706.01	708.17		708.64	0.007017	3.06	27.11	23.06	0.80
Setta	Setta monte	125	Max WS	TR200_03	60.93	706.01	707.94		708.31	0.006348	2.68	22.75	17.50	0.74
Setta	Setta monte	125	Max WS	TR200_04	52.96	706.01	707.85		708.17	0.005908	2.50	21.18	16.96	0.71
Setta	Setta monte	125	Max WS	TR200_06	43.18	706.01	707.73		707.99	0.005219	2.25	19.20	16.34	0.66
Setta	Setta monte	123.33*	Max WS	TR30_01	61.15	705.86	707.78		708.17	0.006877	2.75	22.28	17.86	0.77
Setta	Setta monte	123.33*	Max WS	TR30_02	51.61	705.86	707.68		708.01	0.006235	2.52	20.57	17.41	0.73
Setta	Setta monte	123.33*	Max WS	TR30_03	43.57	705.86	707.60		707.87	0.005505	2.28	19.16	17.04	0.68
Setta	Setta monte	123.33*	Max WS	TR30_04	38.00	705.86	707.54		707.77	0.004922	2.09	18.18	16.78	0.64
Setta	Setta monte	123.33*	Max WS	TR30_06	30.74	705.86	707.45		707.62	0.004272	1.85	16.58	16.34	0.59
Setta	Setta monte	123.33*	Max WS	TR200_01	89.90	705.86	708.06		708.62	0.008123	3.31	27.42	19.28	0.86
Setta	Setta monte	123.33*	Max WS	TR200_02	82.10	705.86	707.99		708.50	0.007636	3.18	26.05	18.87	0.84
Setta	Setta monte	123.33*	Max WS	TR200_03	61.19	705.86	707.78		708.17	0.006902	2.76	22.27	17.86	0.78
Setta	Setta monte	123.33*	Max WS	TR200_04	53.20	705.86	707.70		708.03	0.006383	2.56	20.82	17.48	0.74
Setta	Setta monte	123.33*	Max WS	TR200_06	43.37	705.86	707.60		707.86	0.005493	2.27	19.12	17.03	0.68
Setta	Setta monte	121.67*	Max WS	TR30_01	61.40	705.71	707.80		708.02	0.008200	2.89	21.40	18.37	0.84
Setta	Setta monte	121.67*	Max WS	TR30_02	51.83	705.71	707.52		707.87	0.007196	2.61	19.98	18.04	0.78
Setta	Setta monte	121.67*	Max WS	TR30_03	43.75	705.71	707.46		707.73	0.006118	2.33	18.85	17.78	0.71
Setta	Setta monte	121.67*	Max WS	TR30_04	38.13	705.71	707.42		707.65	0.005166	2.10	18.21	17.63	0.65
Setta	Setta monte	121.67*	Max WS	TR30_06	30.87	705.71	707.35		707.52	0.004254	1.83	16.91	17.31	0.58
Setta	Setta monte	121.67*	Max WS	TR200_01	90.29	705.71	707.83	707.79	708.47	0.010087	3.55	25.84	19.37	0.95
Setta	Setta monte	121.67*	Max WS	TR200_02	82.40	705.71	707.77	707.71	708.35	0.009670	3.39	24.64	19.10	0.93
Setta	Setta monte	121.67*	Max WS	TR200_03	61.46	705.71	707.60		708.02	0.008262	2.90	21.36	18.36	0.84
Setta	Setta monte	121.67*	Max WS	TR200_04	53.43	705.71	707.53		707.89	0.007407	2.66	20.19	18.09	0.79
Setta	Setta monte	121.67*	Max WS	TR200_06	43.56	705.71	707.46		707.73	0.006096	2.33	18.82	17.77	0.71
Setta	Setta monte	120	Max WS	TR30_01	61.66	705.56	707.08	707.35	708.04	0.031029	4.35	14.24	17.63	1.52
Setta	Setta monte	120	Max WS	TR30_02	52.05	705.56	706.97	707.24	707.87	0.034290	4.21	12.39	17.24	1.57
Setta	Setta monte	120	Max WS	TR30_03	43.96	705.56	706.88	707.13	707.72	0.037794	4.07	10.81	16.91	1.62
Setta	Setta monte	120	Max WS	TR30_04	38.35	705.56	706.81	707.04	707.61	0.041253	3.97	9.66	16.66	1.66
Setta	Setta monte	120	Max WS	TR30_06	31.01	705.56	706.70	706.94	707.48	0.044801	3.89	7.96	14.95	1.70
Setta	Setta monte	120	Max WS	TR200_01	90.62	705.56	707.39	707.68	708.46	0.023318	4.58	20.02	18.79	1.39
Setta	Setta monte	120	Max WS	TR200_02	82.62	705.56	707.28	707.60	708.38	0.027185	4.65	17.94	18.38	1.47
Setta	Setta monte	120	Max WS	TR200_03	61.73	705.56	707.08	707.35	708.04	0.030627	4.33	14.31	17.65	1.52
Setta	Setta monte	120	Max WS	TR200_04	53.66	705.56	706.99	707.26	707.90	0.033477	4.23	12.73	17.32	1.56
Setta	Setta monte	120	Max WS	TR200_06	43.75	705.56	706.88	707.13	707.72	0.037798	4.06	10.78	16.90	1.62
Setta	Setta monte	119.67*	Max WS	TR30_01	61.56	704.69	706.61	706.63	707.22	0.012200	3.46	18.01	16.66	1.00
Setta	Setta monte	119.67*	Max WS	TR30_02	52.03	704.69	706.48	706.48	707.03	0.012627	3.29	15.85	15.23	1.00
Setta	Setta monte	119.67*	Max WS	TR30_03	43.94	704.69	706.35	706.35	706.85	0.013074	3.13	14.04	14.32	1.00
Setta	Setta monte	119.67*	Max WS	TR30_04	38.35	704.69	706.26	706.25	706.72	0.013231	3.02	12.68	13.61	1.00
Setta	Setta monte	119.67*	Max WS	TR30_06	31.01	704.69	706.12	706.09	706.53	0.012709	2.85	10.90	12.41	0.97
Setta	Setta monte	119.67*	Max WS	TR200_01	90.31	704.69	707.00	707.01	707.71	0.010588	3.77	25.05	20.06	0.97
Setta	Setta monte	119.67*	Max WS	TR200_02	82.15	704.69	706.84	706.90	707.58	0.012279	3.83	22.09	18.26	1.03
Setta	Setta monte	119.67*	Max WS	TR200_03	61.73	704.69	706.62	706.63	707.22	0.012008	3.44	18.14	16.74	0.99
Setta	Setta monte	119.67*	Max WS	TR200_04	53.66	704.69	706.50	706.51	707.06	0.012417	3.31	16.28	15.52	1.00
Setta	Setta monte	119.67*	Max WS	TR200_06	43.75	704.69	706.35	706.35	706.85	0.013044	3.12	14.01	14.31	1.00
Setta	Setta monte	119.33*	Max WS	TR30_01	61.33	703.82	706.39		706.76	0.004924	2.71	23.81	18.15	0.65
Setta	Setta monte	119.33*	Max WS	TR30_02	51.99	703.82	706.26		706.58	0.004558	2.50	21.45	16.99	0.62
Setta	Setta monte	119.33*	Max WS	TR30_03	43.93	703.82	706.14		706.41	0.004124	2.29	19.47	15.94	0.58
Setta	Setta monte	119.33*	Max WS	TR30_04	38.33	703.82	706.04		706.27	0.003804	2.13	18.05	13.63	0.56
Setta	Setta monte	119.33*	Max WS	TR30_06	31.01	703.82	705.92		706.10	0.003258	1.88	16.46	12.06	0.51
Setta	Setta monte	119.33*	Max WS	TR200_01	90.31	703.82	706.78		707.25	0.005307	3.11	33.36	27.95	0.69
Setta	Setta monte	119.33*	Max WS	TR200_02	79.72	703.82	706.61		707.08	0.005647	3.08	28.74	25.84	0.71
Setta	Setta monte	119.33*	Max WS	TR200_03	61.69	703.82	706.40		706.77	0.004889	2.71	24.00	18.24	0.65
Setta	Setta monte	119.33*	Max WS	TR200_04	53.65	703.82	706.29		706.61	0.004591	2.54	21.95	17.24	0.62
Setta	Setta monte	119.33*	Max WS	TR200_06	43.75	703.82	706.14		706.40	0.004103	2.29	19.44	15.93	0.58
Setta	Setta monte	119	Max WS	TR30_01	60.78	702.95	706.33	705.31	706.53	0.002389	2.13	35.96	32.21	0.44
Setta	Setta monte	119	Max WS	TR30_02	51.64	702.95	706.21	705.09	706.39	0.002167	1.98	32.17	31.68	0.41
Setta	Setta monte	119	Max WS	TR30_03	43.82	702.95	706.10	704.89	706.26	0.001922	1.81	28.85	31.12	0.39
Setta	Setta monte	119	Max WS	TR30_04	38.29	702.95	706.02	704.72	706.16	0.001720	1.68	26.38	30.69	0.37
Setta	Setta monte	119	Max WS	TR30_06	31.00	702.95	705.91	704.51	706.02	0.001364	1.46	23.12	26.20	0.33
Setta	Setta monte	119	Max WS	TR200_01	89.55	702.95	706.66	706.18	706.92	0.002860	2.50	47.47	35.87	0.48
Setta	Setta monte	119	Max WS	TR200_02	74.25	702.95	706.49	705.67	706.73	0.002676	2.34	41.30	34.61	0.46
Setta	Setta monte	119	Max WS	TR200_03	61.63	702.95	706.34	705.33	706.55	0.002407	2.15	36.30	32.25	0.44
Setta	Setta monte	119	Max WS	TR200_04	53.63	702.95	706.23	705.14	706.42	0.002219	2.01	33.02	31.83	0.42
Setta	Setta monte	119	Max WS	TR200_06	43.73	702.95	706.10	704.89	706.26	0.001919	1.81	28.81	31.11	0.39
Setta	Setta valle	95	Max WS	TR30_01	95.53	686.04	689.26	689.14	690.00	0.009352	3.87	26.59	18.65	0.82
Setta	Setta valle	95	Max WS	TR30_02	84.09	686.04	689.12	688.85	689.80	0.009110	3.68	24.01	17.43	0.80
Setta	Setta valle	95	Max WS	TR30_03	69.77	686.04	688.91	688.61	689.51	0.008746	3.41	20.72	13.36	0.78
Setta	Setta valle	95	Max WS	TR30_04	62.40	686.04	688.80	688.34	689.34	0.008519	3.25	19.28	11.69	0.77
Setta	Setta valle	95	Max WS	TR30_06	51.51	686.04	688.60	688.06	689.06	0.008093	3.00	17.19	10.29	0.74
Setta	Setta valle	95	Max WS	TR200_01	137.84	686.04	689.72	689.75	690.63	0.009842	4.38	35.98	22.09	0.84
Setta	Setta valle	95	Max WS	TR200_02	119.90	686.04	689.53	689.53	690.38	0.009696	4.19	32.07	21.06	0.84
Setta	Setta valle	95	Max WS	TR200_03	100.93	686.04	689.32	689.23	690.09	0.009441	3.95	27.82	19.21	0.82
Setta	Setta valle	95	Max WS	TR200_04	88.34	686.04	689.17	688.95	689.88	0.009206	3.75	24.97	17.90	0.81
Setta	Setta valle	95	Max WS	TR200_06	70.11	686.04	688.92	688.92	689.51	0.008755	3.41	20.79	13.49	0.78
Setta	Setta valle	92.500*	Max WS	TR30_01	95.52	685.98	688.77		689.34	0.007049	3.37	29.01	19.62	0.79
Setta	Setta valle	92.500*	Max WS	TR30_02	84.09	685.98	688.63		689.15	0.007111	3.22	26.42	16.31	0.78
Setta	Setta valle	92.500*	Max WS	TR30_03	69.76	685.98	688.43		688.89	0.007230	3.02	23.25	15.83	0.78
Setta	Setta valle	92.500*	Max WS	TR30_04	62.39	685.98	688.32		688.75	0.007323	2.91	21.54	15.56	0.77
Setta	Setta valle	92.500*	Max WS	TR30_06	51.51	685.98	688.15		688.53	0.007514	2.73	18.91	15.12	0.77
Setta	Setta valle	92.500*	Max WS	TR200_01	137.82	685.98	689.22		689.95	0.006833	3.83	38.58		

HEC-RAS Profile: Max WS (Continued)

River	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
Setta	Setta valle	89	Max WS	TR30_06	51.54	686.16	687.75	687.38	687.96	0.004074	2.08	25.85	25.52	0.59
Setta	Setta valle	89	Max WS	TR200_01	137.82	686.16	688.78	688.23	689.15	0.003374	2.82	55.11	31.43	0.60
Setta	Setta valle	89	Max WS	TR200_02	119.96	686.16	688.60	688.08	688.94	0.003444	2.70	49.59	30.41	0.59
Setta	Setta valle	89	Max WS	TR200_03	100.97	686.16	688.39	687.92	688.71	0.003543	2.55	43.48	29.23	0.59
Setta	Setta valle	89	Max WS	TR200_04	88.36	686.16	688.25	687.81	688.54	0.003625	2.45	39.28	28.39	0.59
Setta	Setta valle	89	Max WS	TR200_06	70.14	686.16	688.02	687.62	688.27	0.003789	2.28	32.90	27.06	0.59
Setta	Setta valle	88			Inl Struct									
Setta	Setta valle	87	Max WS	TR30_01	95.51	684.51	687.00	686.92	687.69	0.011412	3.68	25.95	16.77	0.94
Setta	Setta valle	87	Max WS	TR30_02	84.11	684.51	686.88	686.81	687.51	0.010789	3.51	23.94	15.85	0.91
Setta	Setta valle	87	Max WS	TR30_03	69.78	684.51	686.68	686.61	687.24	0.009240	3.30	21.13	13.33	0.84
Setta	Setta valle	87	Max WS	TR30_04	62.42	684.51	686.57	686.50	687.08	0.008216	3.18	19.64	11.77	0.79
Setta	Setta valle	87	Max WS	TR30_06	51.53	684.51	686.38	686.31	686.82	0.006818	2.92	17.62	10.21	0.71
Setta	Setta valle	87	Max WS	TR200_01	137.81	684.51	687.39	687.40	688.28	0.012936	4.19	32.96	19.52	1.03
Setta	Setta valle	87	Max WS	TR200_02	119.96	684.51	687.24	687.23	688.05	0.012410	3.98	30.14	18.55	1.00
Setta	Setta valle	87	Max WS	TR200_03	100.97	684.51	687.06	686.99	687.77	0.011633	3.75	28.94	17.21	0.96
Setta	Setta valle	87	Max WS	TR200_04	88.36	684.51	686.92	687.58	688.11	0.011022	3.58	24.70	16.21	0.93
Setta	Setta valle	87	Max WS	TR200_06	70.13	684.51	686.69	686.62	687.25	0.009282	3.31	21.21	13.40	0.84
Setta	Setta valle	83.500*	Max WS	TR30_01	95.59	683.82	686.14	686.30	687.08	0.016537	4.30	22.26	16.66	1.17
Setta	Setta valle	83.500*	Max WS	TR30_02	84.38	683.82	686.03	686.17	686.90	0.016685	4.12	20.50	16.26	1.16
Setta	Setta valle	83.500*	Max WS	TR30_03	70.04	683.82	685.88	685.99	686.64	0.016902	3.87	18.11	15.69	1.15
Setta	Setta valle	83.500*	Max WS	TR30_04	62.67	683.82	685.79	685.90	686.51	0.016985	3.75	16.72	15.26	1.14
Setta	Setta valle	83.500*	Max WS	TR30_06	51.74	683.82	685.64	685.74	686.29	0.017078	3.56	14.54	14.35	1.13
Setta	Setta valle	83.500*	Max WS	TR200_01	137.97	683.82	686.49	686.78	687.71	0.015921	4.91	28.94	21.28	1.19
Setta	Setta valle	83.500*	Max WS	TR200_02	120.41	683.82	686.36	686.61	687.47	0.016067	4.67	26.16	19.33	1.18
Setta	Setta valle	83.500*	Max WS	TR200_03	101.32	683.82	686.19	686.37	687.17	0.016401	4.39	23.17	16.99	1.17
Setta	Setta valle	83.500*	Max WS	TR200_04	88.64	683.82	686.07	686.22	686.97	0.016614	4.19	21.18	16.42	1.16
Setta	Setta valle	83.500*	Max WS	TR200_06	70.43	683.82	685.89	686.00	686.65	0.016897	3.87	18.18	15.70	1.15
Setta	Setta valle	80	Max WS	TR30_01	95.66	683.13	685.19	685.39	686.11	0.013297	4.37	24.57	22.08	1.10
Setta	Setta valle	80	Max WS	TR30_02	84.68	683.13	685.09	685.26	685.94	0.013399	4.20	22.33	21.00	1.09
Setta	Setta valle	80	Max WS	TR30_03	70.30	683.13	684.94	685.10	685.71	0.013658	3.95	19.29	19.43	1.08
Setta	Setta valle	80	Max WS	TR30_04	62.91	683.13	684.85	684.99	685.58	0.013679	3.82	17.64	18.89	1.08
Setta	Setta valle	80	Max WS	TR30_06	51.95	683.13	684.71	684.83	685.37	0.013648	3.60	15.04	18.13	1.06
Setta	Setta valle	80	Max WS	TR200_01	138.10	683.13	685.55	685.81	686.66	0.012828	4.91	33.10	25.53	1.12
Setta	Setta valle	80	Max WS	TR200_02	120.88	683.13	685.42	685.66	686.45	0.012949	4.70	29.73	24.39	1.11
Setta	Setta valle	80	Max WS	TR200_03	101.67	683.13	685.25	685.46	686.19	0.013170	4.45	25.84	22.67	1.10
Setta	Setta valle	80	Max WS	TR200_04	88.95	683.13	685.13	685.31	686.01	0.013328	4.27	23.22	21.44	1.09
Setta	Setta valle	80	Max WS	TR200_06	70.73	683.13	684.94	685.10	685.72	0.013639	3.96	19.39	19.49	1.08
Setta	Setta valle	76.667	Max WS	TR30_01	95.72	682.22	684.52	684.57	685.34	0.009572	4.13	26.00	18.63	0.95
Setta	Setta valle	76.667	Max WS	TR30_02	84.95	682.22	684.42	684.43	685.16	0.009288	3.92	24.08	18.21	0.93
Setta	Setta valle	76.667	Max WS	TR30_03	70.56	682.22	684.26	684.24	684.90	0.008844	3.61	21.37	17.51	0.89
Setta	Setta valle	76.667	Max WS	TR30_04	63.16	682.22	684.18	684.13	684.76	0.008556	3.44	19.92	17.09	0.87
Setta	Setta valle	76.667	Max WS	TR30_06	52.15	682.22	684.05	683.95	684.54	0.008040	3.14	17.68	16.42	0.83
Setta	Setta valle	76.667	Max WS	TR200_01	138.24	682.22	684.89	685.04	685.97	0.010266	4.81	33.27	20.54	1.01
Setta	Setta valle	76.667	Max WS	TR200_02	121.34	682.22	684.75	684.85	685.73	0.010005	4.56	30.47	19.76	0.99
Setta	Setta valle	76.667	Max WS	TR200_03	102.06	682.22	684.58	684.63	685.44	0.009672	4.24	27.14	18.88	0.96
Setta	Setta valle	76.667	Max WS	TR200_04	89.31	682.22	684.46	684.49	685.23	0.009390	4.01	24.88	18.40	0.94
Setta	Setta valle	76.667	Max WS	TR200_06	71.01	682.22	684.27	684.25	684.91	0.008856	3.62	21.46	17.53	0.89
Setta	Setta valle	73.333	Max WS	TR30_01	95.79	681.52	683.86	684.03	684.78	0.013445	4.43	24.48	20.12	1.11
Setta	Setta valle	73.333	Max WS	TR30_02	85.24	681.52	683.75	683.93	684.62	0.013631	4.27	22.43	19.87	1.11
Setta	Setta valle	73.333	Max WS	TR30_03	70.82	681.52	683.60	683.76	684.39	0.014019	4.03	19.45	19.45	1.10
Setta	Setta valle	73.333	Max WS	TR30_04	63.40	681.52	683.52	683.67	684.26	0.014261	3.90	17.83	19.22	1.10
Setta	Setta valle	73.333	Max WS	TR30_06	52.36	681.52	683.39	683.52	684.06	0.014691	3.67	15.28	18.89	1.10
Setta	Setta valle	73.333	Max WS	TR200_01	138.37	681.52	684.23	684.43	685.36	0.012738	4.95	32.17	20.75	1.12
Setta	Setta valle	73.333	Max WS	TR200_02	121.79	681.52	684.10	684.29	685.14	0.012907	4.75	29.34	20.53	1.12
Setta	Setta valle	73.333	Max WS	TR200_03	102.43	681.52	683.92	684.10	684.87	0.013246	4.51	25.79	20.24	1.11
Setta	Setta valle	73.333	Max WS	TR200_04	89.66	681.52	683.80	683.97	684.69	0.013520	4.33	23.32	19.98	1.11
Setta	Setta valle	73.333	Max WS	TR200_06	71.30	681.52	683.61	683.77	684.40	0.013992	4.04	19.55	19.47	1.10
Setta	Setta valle	70	Max WS	TR30_01	95.85	681.01	683.14	683.30	684.09	0.011896	4.53	24.48	18.62	1.05
Setta	Setta valle	70	Max WS	TR30_02	85.52	681.01	683.03	683.18	683.92	0.011867	4.35	22.50	18.33	1.04
Setta	Setta valle	70	Max WS	TR30_03	71.08	681.01	682.87	683.00	683.66	0.011862	4.08	19.55	17.88	1.02
Setta	Setta valle	70	Max WS	TR30_04	63.65	681.01	682.78	682.89	683.52	0.011846	3.92	17.95	17.10	1.01
Setta	Setta valle	70	Max WS	TR30_06	52.56	681.01	682.63	682.70	683.28	0.011826	3.66	15.53	15.43	1.00
Setta	Setta valle	70	Max WS	TR200_01	138.50	681.01	683.53	683.74	684.71	0.011831	5.13	32.10	19.70	1.08
Setta	Setta valle	70	Max WS	TR200_02	122.24	681.01	683.39	683.58	684.49	0.011794	4.91	29.36	19.32	1.07
Setta	Setta valle	70	Max WS	TR200_03	102.81	681.01	683.21	683.38	684.20	0.011620	4.63	25.84	18.82	1.06
Setta	Setta valle	70	Max WS	TR200_04	90.02	681.01	683.08	683.24	683.99	0.011843	4.43	23.40	18.46	1.05
Setta	Setta valle	70	Max WS	TR200_06	71.58	681.01	682.87	683.00	683.67	0.011865	4.09	19.65	17.90	1.03
Setta	Setta valle	66.667*	Max WS	TR30_01	95.91	680.36	682.46	682.59	683.29	0.010795	4.28	26.62	22.15	1.00
Setta	Setta valle	66.667*	Max WS	TR30_02	85.79	680.36	682.36	682.47	683.14	0.010823	4.13	24.38	21.29	0.99
Setta	Setta valle	66.667*	Max WS	TR30_03	71.35	680.36	682.20	682.30	682.91	0.010936	3.89	21.06	19.93	0.98
Setta	Setta valle	66.667*	Max WS	TR30_04	63.89	680.36	682.10	682.19	682.78	0.011025	3.76	19.27	19.17	0.98
Setta	Setta valle	66.667*	Max WS	TR30_06	52.76	680.36	681.96	682.03	682.56	0.011160	3.53	16.55	17.93	0.97
Setta	Setta valle	66.667*	Max WS	TR200_01	138.62	680.36	682.85	683.01	683.85	0.010450	4.78	35.69	24.05	1.02
Setta	Setta valle	66.667*	Max WS	TR200_02	122.68	680.36	682.72	682.86	683.65	0.010494	4.60	32.50	23.49	1.01
Setta	Setta valle	66.667*	Max WS	TR200_03	103.19	680.36	682.53	682.67	683.40	0.010672	4.37	28.30	22.70	1.00
Setta	Setta valle	66.667*	Max WS	TR200_04	90.37	680.36	682.41	682.53	683.21	0.010768	4.19	25.44	21.70	1.00
Setta	Setta valle	66.667*	Max WS	TR200_06	71.87	680.36	682.20	682.30	682.92	0.010930	3.90	21.18	19.98	0.98
Setta	Setta valle	63.333*	Max WS	TR30_01	95.95	679.70	681.87	681.88	682.52	0.008368	3.84	30.77	25.91	0.88
Setta	Setta valle	63.333*	Max WS	TR30_02	86.05	679.70	681.77	681.78	682.38	0.008421	3.71	28.17	25.01	0.88
Setta	Setta valle	63.333*	Max WS	TR30_03	71.63	679.70	681.60	681.62	682.17	0				

River	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 (m ²)	Top Width (m)	Froude # Chl
Setta	Setta valle	58.333*	Max WS	TR30_02	86.55	678.68	681.05		681.56	0.00597	3.33	31.72	27.14	0.76
Setta	Setta valle	58.333*	Max WS	TR30_03	72.15	678.68	680.88		681.35	0.006019	3.14	27.28	25.67	0.75
Setta	Setta valle	58.333*	Max WS	TR30_04	64.60	678.68	680.79		681.22	0.006021	3.03	24.84	24.34	0.74
Setta	Setta valle	58.333*	Max WS	TR30_06	53.34	678.68	680.63		681.02	0.006032	2.84	21.12	22.14	0.73
Setta	Setta valle	58.333*	Max WS	TR200_01	138.94	678.68	681.55		682.19	0.005990	3.87	46.52	31.89	0.79
Setta	Setta valle	58.333*	Max WS	TR200_02	123.88	678.68	681.42		682.02	0.005947	3.72	42.49	30.49	0.78
Setta	Setta valle	58.333*	Max WS	TR200_03	104.28	678.68	681.24		681.79	0.005964	3.53	36.96	28.87	0.77
Setta	Setta valle	58.333*	Max WS	TR200_04	91.38	678.68	681.10		681.62	0.005979	3.39	33.18	27.61	0.76
Setta	Setta valle	58.333*	Max WS	TR200_06	72.68	678.68	680.89		681.35	0.006015	3.15	27.45	25.73	0.75
Setta	Setta valle	56.667*	Max WS	TR30_01	96.07	678.33	680.81		681.44	0.007071	3.68	31.06	24.90	0.83
Setta	Setta valle	56.667*	Max WS	TR30_02	86.79	678.33	680.71		680.66	0.007048	3.56	28.66	24.19	0.82
Setta	Setta valle	56.667*	Max WS	TR30_03	72.38	678.33	680.54		680.46	0.007061	3.35	24.70	22.78	0.81
Setta	Setta valle	56.667*	Max WS	TR30_04	64.80	678.33	680.45		680.33	0.007062	3.22	22.54	21.63	0.80
Setta	Setta valle	56.667*	Max WS	TR30_06	53.52	678.33	680.29		680.13	0.007026	3.00	19.30	19.23	0.79
Setta	Setta valle	56.667*	Max WS	TR200_01	139.03	678.33	681.21		681.18	0.007040	4.15	41.69	27.85	0.85
Setta	Setta valle	56.667*	Max WS	TR200_02	124.25	678.33	681.09		681.05	0.007009	4.00	38.23	26.92	0.85
Setta	Setta valle	56.667*	Max WS	TR200_03	104.61	678.33	680.90		680.86	0.007014	3.78	33.35	25.57	0.83
Setta	Setta valle	56.667*	Max WS	TR200_04	91.70	678.33	680.77		681.38	0.007029	3.62	29.99	24.59	0.83
Setta	Setta valle	56.667*	Max WS	TR200_06	72.93	678.33	680.55		680.47	0.007063	3.36	24.85	22.84	0.81
Setta	Setta valle	55.000*	Max WS	TR30_01	96.11	677.97	680.42		680.42	0.008000	3.85	28.90	23.01	0.88
Setta	Setta valle	55.000*	Max WS	TR30_02	87.02	677.97	680.32		680.30	0.007966	3.71	26.74	22.07	0.87
Setta	Setta valle	55.000*	Max WS	TR30_03	72.62	677.97	680.16		680.10	0.007951	3.48	23.19	20.45	0.86
Setta	Setta valle	55.000*	Max WS	TR30_04	65.02	677.97	680.06		679.99	0.007951	3.35	21.26	19.51	0.85
Setta	Setta valle	55.000*	Max WS	TR30_06	53.70	677.97	679.90		680.39	0.007928	3.12	18.35	17.85	0.83
Setta	Setta valle	55.000*	Max WS	TR200_01	139.13	677.97	680.82		680.86	0.007911	4.34	38.82	25.73	0.91
Setta	Setta valle	55.000*	Max WS	TR200_02	124.62	677.97	680.70		680.72	0.007897	4.18	35.66	24.99	0.90
Setta	Setta valle	55.000*	Max WS	TR200_03	104.94	677.97	680.51		680.52	0.007936	3.96	31.10	23.87	0.89
Setta	Setta valle	55.000*	Max WS	TR200_04	92.01	677.97	680.38		680.36	0.007948	3.78	27.98	22.62	0.88
Setta	Setta valle	55.000*	Max WS	TR200_06	73.19	677.97	680.16		680.76	0.007953	3.49	23.33	20.51	0.86
Setta	Setta valle	53.333*	Max WS	TR30_01	96.15	677.61	679.99		679.99	0.008573	3.92	27.87	21.53	0.91
Setta	Setta valle	53.333*	Max WS	TR30_02	87.24	677.61	679.90		679.89	0.008542	3.78	25.89	20.70	0.90
Setta	Setta valle	53.333*	Max WS	TR30_03	72.87	677.61	679.74		679.69	0.008538	3.54	22.57	19.24	0.89
Setta	Setta valle	53.333*	Max WS	TR30_04	65.24	677.61	679.64		679.59	0.008538	3.40	20.77	18.40	0.88
Setta	Setta valle	53.333*	Max WS	TR30_06	53.88	677.61	679.48		679.48	0.008548	3.17	18.03	17.03	0.86
Setta	Setta valle	53.333*	Max WS	TR200_01	139.24	677.61	680.40		680.47	0.008498	4.44	37.40	25.14	0.94
Setta	Setta valle	53.333*	Max WS	TR200_02	124.99	677.61	680.28		680.32	0.008483	4.28	34.35	24.04	0.93
Setta	Setta valle	53.333*	Max WS	TR200_03	105.28	677.61	680.09		680.10	0.008514	4.04	29.98	22.38	0.92
Setta	Setta valle	53.333*	Max WS	TR200_04	92.32	677.61	679.96		680.67	0.008533	3.86	27.05	21.19	0.91
Setta	Setta valle	53.333*	Max WS	TR200_06	73.43	677.61	679.74		679.71	0.008535	3.55	22.71	19.30	0.89
Setta	Setta valle	51.667*	Max WS	TR30_01	96.19	677.25	679.55		679.53	0.008449	3.85	28.71	22.57	0.90
Setta	Setta valle	51.667*	Max WS	TR30_02	87.47	677.25	679.46		679.43	0.008440	3.72	26.69	21.65	0.89
Setta	Setta valle	51.667*	Max WS	TR30_03	73.11	677.25	679.30		679.25	0.008480	3.49	23.24	19.99	0.88
Setta	Setta valle	51.667*	Max WS	TR30_04	65.46	677.25	679.20		679.14	0.008519	3.36	21.36	19.02	0.87
Setta	Setta valle	51.667*	Max WS	TR30_06	54.06	677.25	679.04		679.53	0.008623	3.14	18.51	17.45	0.86
Setta	Setta valle	51.667*	Max WS	TR200_01	139.34	677.25	679.97		680.80	0.008067	4.30	38.78	25.44	0.91
Setta	Setta valle	51.667*	Max WS	TR200_02	125.34	677.25	679.84		680.64	0.008169	4.16	35.64	24.75	0.91
Setta	Setta valle	51.667*	Max WS	TR200_03	105.61	677.25	679.65		679.67	0.008363	3.96	31.00	23.57	0.90
Setta	Setta valle	51.667*	Max WS	TR200_04	92.63	677.25	679.52		680.20	0.008421	3.79	27.92	22.21	0.89
Setta	Setta valle	51.667*	Max WS	TR200_06	73.69	677.25	679.30		679.25	0.008476	3.50	23.38	20.06	0.88
Setta	Setta valle	50	Max WS	TR30_01	96.22	676.90	679.13		679.64	0.006425	3.36	33.16	22.47	0.78
Setta	Setta valle	50	Max WS	TR30_02	87.72	676.90	679.04		679.52	0.006416	3.25	31.14	22.05	0.77
Setta	Setta valle	50	Max WS	TR30_03	73.36	676.90	678.87		679.30	0.006444	3.06	27.52	21.27	0.76
Setta	Setta valle	50	Max WS	TR30_04	65.68	676.90	678.78		679.17	0.006501	2.95	25.46	20.81	0.75
Setta	Setta valle	50	Max WS	TR30_06	54.24	676.90	678.62		678.98	0.006533	2.78	22.22	20.44	0.75
Setta	Setta valle	50	Max WS	TR200_01	139.43	676.90	679.57		680.20	0.006255	3.80	43.36	24.50	0.79
Setta	Setta valle	50	Max WS	TR200_02	125.68	676.90	679.44		680.03	0.006293	3.67	40.22	23.89	0.79
Setta	Setta valle	50	Max WS	TR200_03	105.93	676.90	679.24		679.77	0.006380	3.47	35.53	22.96	0.78
Setta	Setta valle	50	Max WS	TR200_04	92.93	676.90	679.10		679.59	0.006414	3.32	32.40	22.31	0.77
Setta	Setta valle	50	Max WS	TR200_06	73.94	676.90	678.88		679.31	0.006439	3.07	27.67	21.30	0.76
Setta	Setta valle	49.000*	Max WS	TR30_01	96.22	676.60	678.93		678.89	0.007643	3.63	30.67	24.39	0.85
Setta	Setta valle	49.000*	Max WS	TR30_02	87.77	676.60	678.83		678.80	0.007808	3.54	28.38	23.94	0.85
Setta	Setta valle	49.000*	Max WS	TR30_03	73.41	676.60	678.66		679.21	0.008213	3.39	24.28	22.97	0.86
Setta	Setta valle	49.000*	Max WS	TR30_04	65.73	676.60	678.55		678.54	0.008580	3.30	21.89	22.25	0.87
Setta	Setta valle	49.000*	Max WS	TR30_06	54.29	676.60	678.38		678.37	0.009302	3.17	18.19	21.02	0.89
Setta	Setta valle	49.000*	Max WS	TR200_01	139.45	676.60	679.38		680.06	0.006794	3.96	42.19	26.59	0.83
Setta	Setta valle	49.000*	Max WS	TR200_02	125.77	676.60	679.25		679.17	0.006998	3.86	38.67	25.91	0.84
Setta	Setta valle	49.000*	Max WS	TR200_03	106.01	676.60	679.04		678.98	0.007409	3.71	33.36	24.91	0.85
Setta	Setta valle	49.000*	Max WS	TR200_04	93.01	676.60	678.89		679.50	0.007697	3.59	29.81	24.23	0.85
Setta	Setta valle	49.000*	Max WS	TR200_06	73.99	676.60	678.67		678.64	0.008191	3.39	24.45	23.02	0.86
Setta	Setta valle	48.000*	Max WS	TR30_01	96.22	676.30	678.72		678.61	0.006674	3.46	31.45	25.95	0.80
Setta	Setta valle	48.000*	Max WS	TR30_02	87.82	676.30	678.62		678.50	0.006781	3.37	28.98	25.25	0.80
Setta	Setta valle	48.000*	Max WS	TR30_03	73.47	676.30	678.44		678.27	0.007041	3.20	24.58	23.22	0.80
Setta	Setta valle	48.000*	Max WS	TR30_04	65.78	676.30	678.33		678.81	0.007304	3.11	22.16	19.07	0.81
Setta	Setta valle	48.000*	Max WS	TR30_06	54.33	676.30	678.14		678.58	0.007667				

HEC-RAS Profile: Max WS (Continued)

River	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
Setta	Setta valle	46	Max WS	TR200_06	74.11	673.53	675.29	676.00	677.44	0.043672	6.49	11.41	8.49	1.79
Setta	Setta valle	44.500*	Max WS	TR30_01	96.23	673.19	675.19	675.98	677.75	0.053677	7.09	13.58	10.98	2.03
Setta	Setta valle	44.500*	Max WS	TR30_02	87.89	673.19	675.10	675.86	677.57	0.053555	6.97	12.61	10.73	2.05
Setta	Setta valle	44.500*	Max WS	TR30_03	73.54	673.19	674.94	675.64	677.24	0.057655	6.72	10.95	10.18	2.07
Setta	Setta valle	44.500*	Max WS	TR30_04	65.84	673.19	674.85	675.52	677.03	0.057232	6.54	10.06	9.66	2.05
Setta	Setta valle	44.500*	Max WS	TR30_06	54.38	673.19	674.70	675.32	676.68	0.055177	6.23	8.72	8.75	1.99
Setta	Setta valle	44.500*	Max WS	TR200_01	139.49	673.19	675.82	676.52	678.48	0.045805	7.48	18.64	12.19	1.93
Setta	Setta valle	44.500*	Max WS	TR200_02	125.95	673.19	675.49	676.36	678.27	0.048011	7.38	17.06	11.83	1.96
Setta	Setta valle	44.500*	Max WS	TR200_03	106.18	673.19	675.29	676.10	677.94	0.051683	7.20	14.74	11.27	2.01
Setta	Setta valle	44.500*	Max WS	TR200_04	93.17	673.19	675.15	675.94	677.68	0.054266	7.04	13.23	10.89	2.04
Setta	Setta valle	44.500*	Max WS	TR200_06	74.13	673.19	674.94	675.65	677.25	0.057584	6.73	11.02	10.20	2.07
Setta	Setta valle	43.000*	Max WS	TR30_01	96.23	672.86	674.80	675.54	677.17	0.048672	6.82	14.12	11.57	1.97
Setta	Setta valle	43.000*	Max WS	TR30_02	87.90	672.86	674.71	675.42	677.02	0.050848	6.79	13.05	11.29	2.00
Setta	Setta valle	43.000*	Max WS	TR30_03	73.55	672.86	674.54	675.21	676.73	0.055003	6.55	11.23	10.80	2.05
Setta	Setta valle	43.000*	Max WS	TR30_04	65.85	672.86	674.45	675.09	676.54	0.056987	6.40	10.29	10.54	2.07
Setta	Setta valle	43.000*	Max WS	TR30_06	54.39	672.86	674.31	674.89	676.24	0.060261	6.14	8.86	10.13	2.10
Setta	Setta valle	43.000*	Max WS	TR200_01	139.49	672.86	675.26	676.08	677.81	0.039367	7.08	19.71	12.86	1.87
Setta	Setta valle	43.000*	Max WS	TR200_02	125.97	672.86	675.12	675.91	677.63	0.041785	7.01	17.97	12.47	1.82
Setta	Setta valle	43.000*	Max WS	TR200_03	106.20	672.86	674.91	675.66	677.33	0.046104	6.89	15.40	11.87	1.93
Setta	Setta valle	43.000*	Max WS	TR200_04	93.18	672.86	674.77	675.50	677.11	0.049417	6.79	13.73	11.47	1.98
Setta	Setta valle	43.000*	Max WS	TR200_06	74.14	672.86	674.55	675.22	676.74	0.054856	6.56	11.31	10.82	2.05
Setta	Setta valle	41.500*	Max WS	TR30_01	96.23	672.52	674.39	675.02	676.35	0.038258	6.19	15.55	12.50	1.77
Setta	Setta valle	41.500*	Max WS	TR30_02	87.91	672.52	674.29	674.91	676.21	0.040333	6.14	14.33	12.17	1.81
Setta	Setta valle	41.500*	Max WS	TR30_03	73.57	672.52	674.12	674.70	675.96	0.044565	6.02	12.23	11.59	1.87
Setta	Setta valle	41.500*	Max WS	TR30_04	65.86	672.52	674.02	674.58	675.80	0.046532	5.90	11.16	11.28	1.89
Setta	Setta valle	41.500*	Max WS	TR30_06	54.40	672.52	673.88	674.39	675.53	0.050089	5.70	9.54	10.80	1.94
Setta	Setta valle	41.500*	Max WS	TR200_01	139.49	672.52	674.88	675.52	676.93	0.029582	6.34	22.11	15.07	1.61
Setta	Setta valle	41.500*	Max WS	TR200_02	125.99	672.52	674.73	675.36	676.76	0.032098	6.30	20.01	13.63	1.66
Setta	Setta valle	41.500*	Max WS	TR200_03	106.22	672.52	674.51	675.13	676.49	0.035912	6.23	17.04	12.89	1.73
Setta	Setta valle	41.500*	Max WS	TR200_04	93.20	672.52	674.36	674.98	676.30	0.038943	6.17	15.11	12.38	1.78
Setta	Setta valle	41.500*	Max WS	TR200_06	74.15	672.52	674.12	674.71	675.98	0.044411	6.02	12.31	11.61	1.87
Setta	Setta valle	40	Max WS	TR30_01	96.24	672.18	673.99	674.33	675.30	0.021541	5.08	19.33	14.38	1.37
Setta	Setta valle	40	Max WS	TR30_02	87.92	672.18	673.89	674.22	675.17	0.023042	5.03	17.81	14.25	1.40
Setta	Setta valle	40	Max WS	TR30_03	73.58	672.18	673.70	674.05	674.93	0.026381	4.93	15.13	14.02	1.47
Setta	Setta valle	40	Max WS	TR30_04	65.87	672.18	673.60	673.94	674.78	0.027957	4.82	13.78	13.91	1.49
Setta	Setta valle	40	Max WS	TR30_06	54.41	672.18	673.45	673.77	674.55	0.030808	4.64	11.72	12.57	1.54
Setta	Setta valle	40	Max WS	TR200_01	139.50	672.18	674.52	674.82	675.93	0.016304	5.29	27.14	15.01	1.24
Setta	Setta valle	40	Max WS	TR200_02	126.00	672.18	674.36	674.67	675.74	0.017537	5.23	24.75	14.82	1.27
Setta	Setta valle	40	Max WS	TR200_03	106.23	672.18	674.12	674.45	675.45	0.019936	5.13	21.18	14.53	1.33
Setta	Setta valle	40	Max WS	TR200_04	93.22	672.18	673.95	674.29	675.25	0.022022	5.06	18.79	14.33	1.38
Setta	Setta valle	40	Max WS	TR200_06	74.17	672.18	673.70	674.05	674.94	0.026267	4.94	15.23	14.03	1.47
Setta	Setta valle	39.500*	Max WS	TR30_01	96.24	671.84	673.77	673.92	674.79	0.013862	4.49	21.98	14.61	1.13
Setta	Setta valle	39.500*	Max WS	TR30_02	87.93	671.84	673.66	673.82	674.65	0.014884	4.43	20.30	14.33	1.15
Setta	Setta valle	39.500*	Max WS	TR30_03	73.59	671.84	673.45	673.63	674.39	0.016877	4.32	17.34	13.88	1.20
Setta	Setta valle	39.500*	Max WS	TR30_04	65.89	671.84	673.34	673.52	674.24	0.017610	4.21	15.88	13.66	1.22
Setta	Setta valle	39.500*	Max WS	TR30_06	54.42	671.84	673.18	673.35	674.00	0.019026	4.03	13.65	13.32	1.24
Setta	Setta valle	39.500*	Max WS	TR200_01	139.51	671.84	674.34	674.42	675.48	0.010545	4.78	30.59	15.95	1.03
Setta	Setta valle	39.500*	Max WS	TR200_02	126.02	671.84	674.17	674.27	675.27	0.011299	4.69	27.96	15.55	1.05
Setta	Setta valle	39.500*	Max WS	TR200_03	106.25	671.84	673.91	674.04	674.96	0.012805	4.56	24.02	14.94	1.10
Setta	Setta valle	39.500*	Max WS	TR200_04	93.24	671.84	673.73	673.88	674.74	0.014186	4.47	21.39	14.51	1.13
Setta	Setta valle	39.500*	Max WS	TR200_06	74.18	671.84	673.46	673.63	674.40	0.016812	4.33	17.45	13.90	1.20
Setta	Setta valle	39	Max WS	TR30_01	96.24	671.50	673.64	673.69	674.78	0.016161	4.71	20.42	9.52	1.03
Setta	Setta valle	39	Max WS	TR30_02	87.95	671.50	673.53	673.56	674.59	0.015810	4.55	19.34	9.52	1.02
Setta	Setta valle	39	Max WS	TR30_03	73.61	671.50	673.32	673.34	674.24	0.015201	4.24	17.37	9.52	1.00
Setta	Setta valle	39	Max WS	TR30_04	65.90	671.50	673.21	673.19	674.05	0.014848	4.05	16.26	9.52	0.99
Setta	Setta valle	39	Max WS	TR30_06	54.43	671.50	673.02	673.00	673.74	0.014292	3.76	14.49	9.52	0.97
Setta	Setta valle	39	Max WS	TR200_01	139.51	671.50	674.18	674.30	675.70	0.017771	5.46	25.55	9.52	1.06
Setta	Setta valle	39	Max WS	TR200_02	126.05	671.50	674.03	674.12	675.43	0.017279	5.24	24.04	9.52	1.05
Setta	Setta valle	39	Max WS	TR200_03	106.28	671.50	673.78	673.84	675.00	0.016531	4.90	21.69	9.52	1.04
Setta	Setta valle	39	Max WS	TR200_04	93.26	671.50	673.61	673.62	674.71	0.016025	4.65	20.04	9.52	1.02
Setta	Setta valle	39	Max WS	TR200_06	74.20	671.50	673.33	673.34	674.25	0.015221	4.25	17.46	9.52	1.00
Setta	Setta valle	29	Max WS	TR30_01	96.24	671.45	673.47	673.64	674.75	0.019433	5.02	19.17	9.52	1.13
Setta	Setta valle	29	Max WS	TR30_02	87.97	671.45	673.36	673.52	674.56	0.019139	4.85	18.13	9.52	1.12
Setta	Setta valle	29	Max WS	TR30_03	73.63	671.45	673.16	673.28	674.21	0.018654	4.54	16.22	9.52	1.11
Setta	Setta valle	29	Max WS	TR30_04	65.92	671.45	673.04	673.13	674.01	0.018408	4.36	15.13	9.52	1.10
Setta	Setta valle	29	Max WS	TR30_06	54.44	671.45	672.86	672.95	673.70	0.018028	4.06	13.42	9.52	1.09
Setta	Setta valle	29	Max WS	TR200_01	139.51	671.45	673.99	674.25	675.69	0.020916	5.78	24.14	9.52	1.16
Setta	Setta valle	29	Max WS	TR200_02	126.07	671.45	673.83	674.08	675.41	0.020440	5.56	22.68	9.52	1.15
Setta	Setta valle	29	Max WS	TR200_03	106.30	671.45	673.59	673.79	674.98	0.019753	5.21	20.40	9.52	1.14
Setta	Setta valle	29	Max WS	TR200_04	93.28	671.45	673.43	673.60	674.68	0.019311	4.96	18.81	9.52	1.13
Setta	Setta valle	29	Max WS	TR200_06	74.22	671.45	673.16	673.30	674.22	0.018675	4.55	16.30	9.52	1.11
Setta	Setta valle	28	Max WS	TR30_01	96.25	670.								

HEC-RAS Profile: Max WS (Continued)

River	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
Setta	Setta valle	24.000*	Max WS	TR200_04	93.68	668.79	670.89	671.07	671.88	0.015880	4.39	21.32	14.98	1.18
Setta	Setta valle	24.000*	Max WS	TR200_06	74.56	668.79	670.68	670.81	671.53	0.015356	4.08	18.29	14.07	1.14
Setta	Setta valle	22.000*	Max WS	TR30_01	96.28	668.10	670.18	670.47	671.24	0.015764	4.59	22.24	22.40	1.19
Setta	Setta valle	22.000*	Max WS	TR30_02	88.33	668.10	670.12	670.38	671.11	0.015546	4.43	20.81	20.92	1.17
Setta	Setta valle	22.000*	Max WS	TR30_03	74.03	668.10	669.98	670.18	670.85	0.015504	4.13	18.13	17.48	1.15
Setta	Setta valle	22.000*	Max WS	TR30_04	66.30	668.10	669.89	670.04	670.69	0.015495	3.97	16.75	14.81	1.14
Setta	Setta valle	22.000*	Max WS	TR30_06	54.75	668.10	669.74	669.83	670.45	0.015199	3.72	14.73	12.97	1.11
Setta	Setta valle	22.000*	Max WS	TR200_01	139.52	668.10	670.51	670.89	671.83	0.015713	5.22	30.15	29.99	1.23
Setta	Setta valle	22.000*	Max WS	TR200_02	126.64	668.10	670.42	670.77	671.67	0.015638	5.04	27.97	24.47	1.21
Setta	Setta valle	22.000*	Max WS	TR200_03	106.85	668.10	670.27	670.59	671.40	0.015616	4.75	24.36	23.60	1.20
Setta	Setta valle	22.000*	Max WS	TR200_04	93.79	668.10	670.17	670.44	671.20	0.015560	4.53	21.87	22.03	1.18
Setta	Setta valle	22.000*	Max WS	TR200_06	74.65	668.10	669.98	670.20	670.86	0.015497	4.15	18.25	17.67	1.15
Setta	Setta valle	20	Max WS	TR30_01	96.12	667.41	669.45	669.62	670.27	0.012210	4.26	27.30	26.03	1.06
Setta	Setta valle	20	Max WS	TR30_02	88.42	667.41	669.40	669.54	670.16	0.011775	4.10	25.96	25.71	1.04
Setta	Setta valle	20	Max WS	TR30_03	74.09	667.41	669.27	669.40	669.96	0.011679	3.86	22.68	24.92	1.02
Setta	Setta valle	20	Max WS	TR30_04	66.35	667.41	669.19	669.32	669.84	0.011641	3.71	20.79	24.45	1.01
Setta	Setta valle	20	Max WS	TR30_06	54.81	667.41	669.07	669.17	669.65	0.011492	3.47	17.85	23.05	0.99
Setta	Setta valle	20	Max WS	TR200_01	139.41	667.41	669.78	669.99	670.77	0.012196	4.81	36.17	28.03	1.10
Setta	Setta valle	20	Max WS	TR200_02	126.76	667.41	669.70	669.89	670.63	0.011973	4.64	33.92	27.54	1.08
Setta	Setta valle	20	Max WS	TR200_03	106.94	667.41	669.55	669.72	670.40	0.011840	4.37	29.96	26.64	1.06
Setta	Setta valle	20	Max WS	TR200_04	93.90	667.41	669.45	669.60	670.23	0.011775	4.18	27.19	26.00	1.04
Setta	Setta valle	20	Max WS	TR200_06	74.75	667.41	669.27	669.41	669.97	0.011700	3.87	22.82	24.95	1.02
Setta	Setta valle	17.500*	Max WS	TR30_01	102.63	666.60	668.67	668.92	669.55	0.013165	4.54	30.17	34.06	1.11
Setta	Setta valle	17.500*	Max WS	TR30_02	97.56	666.60	668.64	668.88	669.50	0.013100	4.46	28.96	33.50	1.11
Setta	Setta valle	17.500*	Max WS	TR30_03	82.09	666.60	668.52	668.74	669.31	0.012999	4.23	25.03	31.78	1.09
Setta	Setta valle	17.500*	Max WS	TR30_04	73.31	666.60	668.44	668.65	669.20	0.013023	4.09	22.61	30.48	1.08
Setta	Setta valle	17.500*	Max WS	TR30_06	60.53	666.60	668.31	668.52	669.03	0.013301	3.88	18.78	28.66	1.07
Setta	Setta valle	17.500*	Max WS	TR200_01	151.57	666.60	668.98	669.26	670.02	0.013533	5.14	41.22	38.38	1.16
Setta	Setta valle	17.500*	Max WS	TR200_02	139.58	666.60	668.91	669.19	669.92	0.013477	5.01	38.63	37.55	1.15
Setta	Setta valle	17.500*	Max WS	TR200_03	118.03	666.60	668.78	669.04	669.72	0.013318	4.75	33.80	35.73	1.13
Setta	Setta valle	17.500*	Max WS	TR200_04	103.75	666.60	668.68	668.93	669.57	0.013175	4.56	30.44	34.19	1.11
Setta	Setta valle	17.500*	Max WS	TR200_06	82.73	666.60	668.52	668.75	669.32	0.012973	4.24	25.23	31.87	1.09
Setta	Setta valle	15	Max WS	TR30_01	102.60	665.79	667.92	668.08	668.48	0.008575	3.87	42.64	66.44	0.91
Setta	Setta valle	15	Max WS	TR30_02	97.55	665.79	667.89	668.05	668.45	0.008598	3.83	40.55	65.92	0.91
Setta	Setta valle	15	Max WS	TR30_03	82.07	665.79	667.78	667.94	668.34	0.008672	3.70	33.66	63.82	0.90
Setta	Setta valle	15	Max WS	TR30_04	73.30	665.79	667.71	667.88	668.25	0.008568	3.57	29.42	58.55	0.89
Setta	Setta valle	15	Max WS	TR30_06	60.52	665.79	667.59	667.65	668.08	0.008420	3.36	23.68	34.97	0.87
Setta	Setta valle	15	Max WS	TR200_01	151.47	665.79	668.21	668.30	668.75	0.007868	4.08	62.38	70.51	0.89
Setta	Setta valle	15	Max WS	TR200_02	139.48	665.79	668.14	668.25	668.69	0.008085	4.05	57.67	69.96	0.90
Setta	Setta valle	15	Max WS	TR200_03	118.01	665.79	668.01	668.15	668.58	0.008450	3.97	49.00	68.75	0.91
Setta	Setta valle	15	Max WS	TR200_04	103.75	665.79	667.93	668.08	668.49	0.008562	3.88	43.13	66.56	0.91
Setta	Setta valle	15	Max WS	TR200_06	82.73	665.79	667.79	667.95	668.34	0.008651	3.70	34.01	63.92	0.90
Setta	Setta valle	12.500*	Max WS	TR30_01	102.56	665.38	667.41	667.49	667.95	0.008329	3.66	41.68	58.44	0.89
Setta	Setta valle	12.500*	Max WS	TR30_02	97.54	665.38	667.38	667.47	667.92	0.008490	3.64	39.48	57.93	0.89
Setta	Setta valle	12.500*	Max WS	TR30_03	82.04	665.38	667.26	667.40	667.81	0.008882	3.55	32.69	56.47	0.90
Setta	Setta valle	12.500*	Max WS	TR30_04	73.29	665.38	667.17	667.34	667.74	0.009420	3.53	28.03	54.12	0.92
Setta	Setta valle	12.500*	Max WS	TR30_06	60.52	665.38	667.01	667.22	667.58	0.010495	3.45	20.80	31.96	0.95
Setta	Setta valle	12.500*	Max WS	TR200_01	151.28	665.38	667.76	667.81	668.26	0.006885	3.76	64.14	69.74	0.83
Setta	Setta valle	12.500*	Max WS	TR200_02	139.35	665.38	667.68	667.76	668.20	0.007341	3.78	58.32	68.15	0.85
Setta	Setta valle	12.500*	Max WS	TR200_03	117.99	665.38	667.52	667.64	668.06	0.007949	3.73	48.15	61.27	0.88
Setta	Setta valle	12.500*	Max WS	TR200_04	103.73	665.38	667.42	667.50	667.96	0.008360	3.68	42.04	58.53	0.89
Setta	Setta valle	12.500*	Max WS	TR200_06	82.72	665.38	667.26	667.41	667.81	0.008866	3.56	33.00	56.55	0.90
Setta	Setta valle	10	Max WS	TR30_01	102.53	664.96	667.00	666.93	667.33	0.004499	2.84	52.22	63.16	0.66
Setta	Setta valle	10	Max WS	TR30_02	97.53	664.96	666.95	666.89	667.29	0.004640	2.84	49.31	62.91	0.66
Setta	Setta valle	10	Max WS	TR30_03	82.04	664.96	666.81	666.79	667.16	0.004986	2.79	40.48	62.15	0.68
Setta	Setta valle	10	Max WS	TR30_04	73.26	664.96	666.69	666.40	667.07	0.005652	2.83	33.30	57.24	0.72
Setta	Setta valle	10	Max WS	TR30_06	57.25	664.96	666.47	666.28	666.83	0.006336	2.71	23.16	27.58	0.74
Setta	Setta valle	10	Max WS	TR200_01	151.14	664.96	667.43	667.18	667.71	0.003314	2.80	80.31	65.52	0.58
Setta	Setta valle	10	Max WS	TR200_02	139.22	664.96	667.32	667.13	667.61	0.003661	2.84	72.70	64.89	0.61
Setta	Setta valle	10	Max WS	TR200_03	117.95	664.96	667.12	667.02	667.45	0.004199	2.87	60.45	63.86	0.64
Setta	Setta valle	10	Max WS	TR200_04	103.72	664.96	667.00	666.93	667.34	0.004549	2.86	52.50	63.18	0.66
Setta	Setta valle	10	Max WS	TR200_06	82.72	664.96	666.81	666.79	667.16	0.004967	2.79	40.90	62.18	0.68
Setta	Setta valle	9			Inl Struct									
Setta	Setta valle	8	Max WS	TR30_01	102.51	664.48	666.75	666.35	667.16	0.004379	2.95	44.39	61.82	0.64
Setta	Setta valle	8	Max WS	TR30_02	97.52	664.48	666.69	666.27	667.10	0.004517	2.94	40.73	56.19	0.65
Setta	Setta valle	8	Max WS	TR30_03	82.03	664.48	666.49	666.04	666.89	0.004819	2.84	31.82	40.73	0.66
Setta	Setta valle	8	Max WS	TR30_04	73.26	664.48	666.36	666.54	667.04	0.004857	2.73	28.24	23.64	0.65
Setta	Setta valle	8	Max WS	TR30_06	60.53	664.48	666.17	666.50	666.50	0.004953	2.55	24.10	19.23	0.65
Setta	Setta valle	8	Max WS	TR200_01	151.14	664.48	667.33	667.62	667.62	0.002676	2.71	81.55	64.99	0.52
Setta	Setta valle	8	Max WS	TR200_02	139.21	664.48	667.21	667.51	667.51	0.002919	2.74	73.41	64.31	0.54
Setta	Setta valle	8	Max WS	TR200_03	117.95	664.48	666.96	667.31	667.31	0.003544	2.83	57.82	62.98	0.58
Setta	Setta valle	8	Max WS	TR200_04	103.72	664.48	666.76	666.36	667.17	0.004337	2.95	45.28	61.90	0.64
Setta	Setta valle	8	Max WS	TR200_06	82.72	664.48	666.50	666.05	666.90	0.004805	2.85	32.01	41.11	0.66
Setta	Setta valle	6.6667*	Max WS	TR30_01	102.48	664.28	666.53	666.94	666.94	0.004386	2.83	36.49	20.67	0.65
Setta	Setta valle	6.6667*	Max WS	TR30_02	97.51	664.28	666.47	666.87	666.87	0.004420	2.78	35.24	20.26	0.65
Setta	Setta valle	6.6667*	Max WS	TR30_03	82.03	664.28	666.27	666.62	666.62	0.004562	2.62	31.30	18.81	0.64
Setta	Setta valle	6.6667*	Max WS	TR30_04	79.00	664.28	666.15	666.53	666.53	0.005311	2.72	29.08	18.35	0.69
Setta	Setta valle	6.6667*	Max WS	TR30_06	60.52	664.28	665.96	666.24	666.24	0.004604	2.37	25.51	17.82	0.63
Setta	Setta valle	6.6667*	Max WS	TR200_01	151.12	664.28	667.05	667.59	667.59	0.004255	3.26	48.04	23.81	0.66
Setta	Setta valle	6.6667*	Max WS	TR200_02	139.19	664.28	666.94	667.44	667.44	0.004276	3.17			

HEC-RAS Profile: Max WS (Continued)

River	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
Fondataio	Fondataio	185	Max WS	TR30_03	14.79	718.07	719.15		719.40	0.010963	2.22	6.67	10.49	0.87
Fondataio	Fondataio	185	Max WS	TR30_04	12.90	718.07	719.09		719.32	0.010782	2.12	6.07	9.77	0.86
Fondataio	Fondataio	185	Max WS	TR30_06	10.29	718.07	718.99		719.19	0.010498	1.98	5.20	9.13	0.84
Fondataio	Fondataio	185	Max WS	TR200_01	31.00	718.07	719.50	719.56	719.90	0.011674	2.87	12.09	23.71	0.95
Fondataio	Fondataio	185	Max WS	TR200_02	25.11	718.07	719.39	719.42	719.75	0.011364	2.67	9.94	17.44	0.93
Fondataio	Fondataio	185	Max WS	TR200_03	20.96	718.07	719.30	719.27	719.62	0.011167	2.51	8.57	13.66	0.91
Fondataio	Fondataio	185	Max WS	TR200_04	18.10	718.07	719.24	719.19	719.52	0.011045	2.38	7.69	12.29	0.89
Fondataio	Fondataio	185	Max WS	TR200_06	14.51	718.07	719.14		719.39	0.010962	2.20	6.59	10.33	0.87
Fondataio	Fondataio	184		Lat Struct										
Fondataio	Fondataio	182.50	Max WS	TR30_01	19.20	717.58	718.95		719.20	0.007959	2.19	8.78	10.11	0.75
Fondataio	Fondataio	182.50	Max WS	TR30_02	16.28	717.58	718.87		719.08	0.007917	2.06	7.90	9.99	0.74
Fondataio	Fondataio	182.50	Max WS	TR30_03	13.99	717.58	718.79		718.99	0.007952	1.96	7.15	9.89	0.73
Fondataio	Fondataio	182.50	Max WS	TR30_04	12.44	717.58	718.74		718.92	0.008056	1.88	6.60	9.82	0.73
Fondataio	Fondataio	182.50	Max WS	TR30_06	10.21	717.58	718.64		718.81	0.008671	1.80	5.68	9.70	0.75
Fondataio	Fondataio	182.50	Max WS	TR200_01	25.83	717.58	719.13		719.44	0.008110	2.43	10.51	10.34	0.77
Fondataio	Fondataio	182.50	Max WS	TR200_02	21.83	717.58	719.03		719.30	0.008032	2.29	9.53	10.20	0.76
Fondataio	Fondataio	182.50	Max WS	TR200_03	18.78	717.58	718.94		719.18	0.007950	2.17	8.66	10.09	0.75
Fondataio	Fondataio	182.50	Max WS	TR200_04	16.81	717.58	718.88		719.10	0.007918	2.08	8.01	10.01	0.74
Fondataio	Fondataio	182.50	Max WS	TR200_06	13.76	717.58	718.78		718.98	0.007944	1.94	7.08	9.89	0.73
Fondataio	Fondataio	181.5		Lat Struct										
Fondataio	Fondataio	180	Max WS	TR30_01	8.73	716.77	718.82		718.86	0.000665	0.83	10.48	6.37	0.21
Fondataio	Fondataio	180	Max WS	TR30_02	9.74	716.77	718.73		718.78	0.000971	0.98	9.90	6.33	0.25
Fondataio	Fondataio	180	Max WS	TR30_03	10.26	716.77	718.64		718.70	0.001267	1.10	9.35	6.29	0.29
Fondataio	Fondataio	180	Max WS	TR30_04	10.26	716.77	718.58		718.64	0.001443	1.15	8.93	6.26	0.31
Fondataio	Fondataio	180	Max WS	TR30_06	9.66	716.77	718.45		718.52	0.001660	1.18	8.15	6.20	0.33
Fondataio	Fondataio	180	Max WS	TR200_01	5.98	716.77	718.98		718.99	0.000240	0.52	11.49	6.93	0.12
Fondataio	Fondataio	180	Max WS	TR200_02	7.71	716.77	718.89		718.91	0.000463	0.71	10.91	6.40	0.17
Fondataio	Fondataio	180	Max WS	TR200_03	8.88	716.77	718.81		718.85	0.000702	0.85	10.40	6.36	0.21
Fondataio	Fondataio	180	Max WS	TR200_04	9.63	716.77	718.74		718.79	0.000931	0.97	9.97	6.33	0.25
Fondataio	Fondataio	180	Max WS	TR200_06	10.30	716.77	718.63		718.70	0.001297	1.11	9.30	6.28	0.29
Fondataio	Fondataio	179	Max WS	TR30_01	12.04	716.57	718.50	717.91	718.82	0.003186	2.50	4.82	6.24	0.57
Fondataio	Fondataio	179	Max WS	TR30_02	11.56	716.57	718.44	717.87	718.75	0.003251	2.47	4.68	6.22	0.58
Fondataio	Fondataio	179	Max WS	TR30_03	11.07	716.57	718.38	717.83	718.69	0.003295	2.44	4.54	6.19	0.58
Fondataio	Fondataio	179	Max WS	TR30_04	10.60	716.57	718.34	717.79	718.63	0.003297	2.40	4.42	6.18	0.58
Fondataio	Fondataio	179	Max WS	TR30_06	9.70	716.57	718.24	717.73	718.51	0.003365	2.33	4.16	6.04	0.58
Fondataio	Fondataio	179	Max WS	TR200_01	12.76	716.57	718.60	717.96	718.92	0.002993	2.51	5.08	6.28	0.56
Fondataio	Fondataio	179	Max WS	TR200_02	12.36	716.57	718.54	717.93	718.86	0.003120	2.51	4.93	6.26	0.57
Fondataio	Fondataio	179	Max WS	TR200_03	11.98	716.57	718.49	717.90	718.81	0.003195	2.50	4.80	6.24	0.57
Fondataio	Fondataio	179	Max WS	TR200_04	11.63	716.57	718.45	717.88	718.76	0.003242	2.48	4.69	6.22	0.58
Fondataio	Fondataio	179	Max WS	TR200_06	11.02	716.57	718.38	717.82	718.68	0.003300	2.44	4.52	6.19	0.58
Fondataio	Fondataio	175		Bridge										
Fondataio	Fondataio	170	Max WS	TR30_01	12.03	716.58	717.62	717.79	718.39	0.034701	3.91	3.08	3.22	1.28
Fondataio	Fondataio	170	Max WS	TR30_02	11.56	716.58	717.58	717.76	718.36	0.030666	3.92	2.95	3.21	1.31
Fondataio	Fondataio	170	Max WS	TR30_03	11.07	716.58	717.54	717.73	718.32	0.037161	3.91	2.83	3.19	1.33
Fondataio	Fondataio	170	Max WS	TR30_04	10.60	716.58	717.51	717.70	718.27	0.037587	3.88	2.73	3.18	1.34
Fondataio	Fondataio	170	Max WS	TR30_06	9.69	716.58	717.45	717.64	718.18	0.037664	3.78	2.57	3.17	1.34
Fondataio	Fondataio	170	Max WS	TR200_01	12.76	716.58	717.69	717.84	718.45	0.031956	3.86	3.30	3.24	1.22
Fondataio	Fondataio	170	Max WS	TR200_02	12.36	716.58	717.64	717.80	718.42	0.033719	3.90	3.17	3.23	1.26
Fondataio	Fondataio	170	Max WS	TR200_03	11.98	716.58	717.61	717.79	718.39	0.034868	3.91	3.06	3.22	1.28
Fondataio	Fondataio	170	Max WS	TR200_04	11.62	716.58	717.58	717.76	718.36	0.035873	3.92	2.97	3.21	1.30
Fondataio	Fondataio	170	Max WS	TR200_06	11.01	716.58	717.53	717.72	718.31	0.037194	3.91	2.82	3.19	1.33
Fondataio	Fondataio	169.8		Lat Struct										
Fondataio	Fondataio	160	Max WS	TR30_01	15.09	715.19	716.33		716.59	0.010020	2.27	6.65	8.96	0.84
Fondataio	Fondataio	160	Max WS	TR30_02	13.22	715.19	716.24		716.50	0.010434	2.24	5.99	8.30	0.85
Fondataio	Fondataio	160	Max WS	TR30_03	11.86	715.19	716.16		716.42	0.010866	2.24	5.30	7.72	0.86
Fondataio	Fondataio	160	Max WS	TR30_04	10.94	715.19	716.11		716.37	0.011488	2.23	4.90	7.46	0.88
Fondataio	Fondataio	160	Max WS	TR30_06	9.81	715.19	716.04		716.30	0.012445	2.23	4.40	7.13	0.91
Fondataio	Fondataio	160	Max WS	TR200_01	19.52	715.19	716.51		716.79	0.008842	2.34	8.35	9.64	0.80
Fondataio	Fondataio	160	Max WS	TR200_02	16.48	715.19	716.40		716.66	0.009216	2.25	7.33	9.35	0.81
Fondataio	Fondataio	160	Max WS	TR200_03	14.85	715.19	716.32		716.58	0.009995	2.26	6.57	8.88	0.84
Fondataio	Fondataio	160	Max WS	TR200_04	13.46	715.19	716.25		716.51	0.010255	2.24	6.02	8.42	0.84
Fondataio	Fondataio	160	Max WS	TR200_06	11.74	715.19	716.17		716.42	0.010613	2.21	5.31	7.72	0.85
Fondataio	Fondataio	157.50*	Max WS	TR30_01	26.27	714.41	715.79	715.89	716.29	0.015053	3.14	8.96	15.96	1.06
Fondataio	Fondataio	157.50*	Max WS	TR30_02	21.84	714.41	715.69	715.77	716.14	0.015267	2.98	7.49	13.36	1.05
Fondataio	Fondataio	157.50*	Max WS	TR30_03	18.60	714.41	715.60	715.63	716.02	0.015706	2.86	6.51	8.67	1.05
Fondataio	Fondataio	157.50*	Max WS	TR30_04	16.61	714.41	715.53	715.56	715.93	0.015998	2.81	5.91	8.19	1.06
Fondataio	Fondataio	157.50*	Max WS	TR30_06	14.05	714.41	715.43	715.46	715.82	0.016870	2.76	5.09	7.53	1.07
Fondataio	Fondataio	157.50*	Max WS	TR200_01	38.74	714.41	716.00	716.17	716.57	0.015092	3.48	13.99	31.92	1.09
Fondataio	Fondataio	157.50*	Max WS	TR200_02	30.90	714.41	715.88	716.08	716.42	0.015100	3.29	10.55	20.18	1.08
Fondataio	Fondataio	157.50*	Max WS	TR200_03	25.85	714.41	715.78	715.88	716.27	0.015066	3.12	8.82	15.67	1.06
Fondataio	Fondataio	157.50*	Max WS	TR200_04	22.64	714.41	715.71	715.80	716.17	0.015236	3.01	7.75	13.80	1.06
Fondataio	Fondataio	157.50*	Max WS	TR200_06	18.76	714.41	715.61	715.64	716.03	0.015766	2.87	6.54	8.70	1.06
Fondataio	Fondataio	155.00*	Max WS	TR30_01	30.29	713.63	715.11	715.39	715.72	0.017858	3.53	9.54	18.72	1.16
Fondataio	Fondataio	155.00*	Max WS	TR30_02	24.92	713.63	715.00	715.17	715.56	0.017765	3.33	7.82	14.81	1.14
Fondataio	Fondataio	155.00*	Max WS	TR30_03	20.79	713.63	714.91	715.04	715.41	0.017512	3.13	6.69	9.95	1.12
Fondataio	Fondataio	155.00*	Max WS	TR30_04	18.14	713.63	714.84	714.90	715.30	0.017178	2.98	6.09	8.13	1.10
Fondataio	Fondataio	155.00*	Max WS	TR30_06	14.56	713.63	714.72	714.77	715.13	0.017278	2.83	5.14	7.45	1.09
Fondataio	Fondataio	155.00*	Max WS	TR200_01	44.06	713.63	715.31	715.54	716.02	0.018373	3.92	14.93	39.72	1.21
Fondataio	Fondataio	155.00*	Max WS	TR200_02	35.56	713.63	715.19	715.45	715.85	0.017990	3.69	11.99	24.47	1.18
Fondataio	Fondataio	155.00*	Max WS	TR200_03	29.79	713.63	715.10	715.38	715.71	0.017837	3.51	9.38	18.27	1.16
Fondataio	Fondataio	155.00*	Max WS	TR200_04	25.87	713.63	715.02	715.18	715.60	0.017777	3.37	8.12	15.44	1.15
Fondataio	Fondataio	155.00*	Max WS	TR200_06	20.87	713.63	714.91	715.05	715.41	0.017533	3.13	6.71	10.00	1.12
Fondataio	Fondataio	152.50*	Max WS	TR30_01	27.79	712.86	714.42	714.55	714.91	0.013658	3.17	10.11	21.30	1.02
Fondataio	Fondataio													

HEC-RAS Profile: Max WS (Continued)

River	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
Fondataio	Fondataio	150	Max WS	TR30_06	14.86	712.08	713.31	713.34	713.72	0.015861	2.83	5.26	7.00	1.04
Fondataio	Fondataio	150	Max WS	TR200_01	43.28	712.08	714.04	714.15	714.81	0.016897	3.89	11.14	9.02	1.12
Fondataio	Fondataio	150	Max WS	TR200_02	36.08	712.08	713.90	713.98	714.58	0.016379	3.66	9.86	8.64	1.09
Fondataio	Fondataio	150	Max WS	TR200_03	30.50	712.08	713.78	713.84	714.39	0.015872	3.46	8.82	8.32	1.07
Fondataio	Fondataio	150	Max WS	TR200_04	26.53	712.08	713.68	713.72	714.24	0.015571	3.30	8.03	8.06	1.06
Fondataio	Fondataio	150	Max WS	TR200_06	21.45	712.08	713.54	713.57	714.03	0.015559	3.11	6.89	7.67	1.05
Fondataio	Fondataio	149.00*	Max WS	TR30_01	29.36	711.40	713.15	713.13	713.72	0.013190	3.36	8.74	7.35	0.97
Fondataio	Fondataio	149.00*	Max WS	TR30_02	25.25	711.40	713.02	713.01	713.55	0.013625	3.23	7.82	7.12	0.98
Fondataio	Fondataio	149.00*	Max WS	TR30_03	21.51	711.40	712.90	712.89	713.38	0.013731	3.09	6.97	6.94	0.98
Fondataio	Fondataio	149.00*	Max WS	TR30_04	18.78	711.40	712.81	712.80	713.25	0.013676	2.96	6.35	6.80	0.98
Fondataio	Fondataio	149.00*	Max WS	TR30_06	14.96	711.40	712.67	712.65	713.06	0.013786	2.77	5.41	6.59	0.98
Fondataio	Fondataio	149.00*	Max WS	TR200_01	36.91	711.40	713.38	713.34	714.02	0.012038	3.55	10.48	7.80	0.94
Fondataio	Fondataio	149.00*	Max WS	TR200_02	32.64	711.40	713.25	713.22	713.85	0.012630	3.45	9.50	7.55	0.96
Fondataio	Fondataio	149.00*	Max WS	TR200_03	29.07	711.40	713.14	713.12	713.71	0.013152	3.35	8.68	7.34	0.97
Fondataio	Fondataio	149.00*	Max WS	TR200_04	26.06	711.40	713.05	713.04	713.59	0.013566	3.25	8.01	7.16	0.98
Fondataio	Fondataio	149.00*	Max WS	TR200_06	21.58	711.40	712.90	712.89	713.39	0.013731	3.09	6.98	6.94	0.98
Fondataio	Fondataio	148	Max WS	TR30_01	30.41	710.72	712.43	712.64	713.27	0.019055	4.14	7.98	8.07	1.12
Fondataio	Fondataio	148	Max WS	TR30_02	25.30	710.72	712.31	712.49	713.06	0.018440	3.88	7.01	7.76	1.10
Fondataio	Fondataio	148	Max WS	TR30_03	21.47	710.72	712.20	712.34	712.87	0.018045	3.64	6.14	7.47	1.08
Fondataio	Fondataio	148	Max WS	TR30_04	18.82	710.72	712.12	712.23	712.73	0.017700	3.47	5.55	6.82	1.07
Fondataio	Fondataio	148	Max WS	TR30_06	15.06	710.72	711.98	712.02	712.50	0.017475	3.19	4.72	5.27	1.05
Fondataio	Fondataio	148	Max WS	TR200_01	40.61	710.72	712.66	712.91	713.66	0.020146	4.59	9.84	8.65	1.16
Fondataio	Fondataio	148	Max WS	TR200_02	34.73	710.72	712.53	712.76	713.45	0.019552	4.34	8.79	8.32	1.14
Fondataio	Fondataio	148	Max WS	TR200_03	30.08	710.72	712.43	712.63	713.26	0.018994	4.12	7.92	8.05	1.12
Fondataio	Fondataio	148	Max WS	TR200_04	26.44	710.72	712.34	712.52	713.10	0.018555	3.93	7.20	7.82	1.10
Fondataio	Fondataio	148	Max WS	TR200_06	21.54	710.72	712.20	712.35	712.87	0.018041	3.65	6.16	7.47	1.08
Fondataio	Fondataio	147		Lat Struct										
Fondataio	Fondataio	144.00*	Max WS	TR30_01	29.73	709.84	711.43	711.66	712.20	0.017652	3.97	8.43	12.85	1.15
Fondataio	Fondataio	144.00*	Max WS	TR30_02	25.62	709.84	711.33	711.55	712.05	0.018103	3.80	7.25	11.27	1.15
Fondataio	Fondataio	144.00*	Max WS	TR30_03	21.80	709.84	711.23	711.42	711.89	0.018340	3.59	6.23	9.23	1.14
Fondataio	Fondataio	144.00*	Max WS	TR30_04	19.06	709.84	711.15	711.29	711.75	0.018564	3.42	5.59	6.97	1.13
Fondataio	Fondataio	144.00*	Max WS	TR30_06	15.19	709.84	711.01	711.08	711.53	0.018988	3.21	4.74	5.74	1.13
Fondataio	Fondataio	144.00*	Max WS	TR200_01	38.10	709.84	711.62	711.87	712.43	0.016052	4.17	11.10	15.52	1.12
Fondataio	Fondataio	144.00*	Max WS	TR200_02	33.31	709.84	711.51	711.76	712.31	0.017115	4.08	9.51	13.98	1.15
Fondataio	Fondataio	144.00*	Max WS	TR200_03	29.49	709.84	711.42	711.66	712.19	0.017658	3.96	8.36	12.78	1.15
Fondataio	Fondataio	144.00*	Max WS	TR200_04	26.45	709.84	711.35	711.57	712.09	0.018027	3.84	7.48	11.68	1.15
Fondataio	Fondataio	144.00*	Max WS	TR200_06	21.87	709.84	711.23	711.42	711.89	0.018341	3.60	6.25	9.29	1.14
Fondataio	Fondataio	140	Max WS	TR30_01	30.88	708.96	710.58	710.66	711.19	0.013295	3.49	9.38	10.98	0.99
Fondataio	Fondataio	140	Max WS	TR30_02	26.01	708.96	710.47	710.48	711.00	0.012800	3.25	8.24	9.57	0.96
Fondataio	Fondataio	140	Max WS	TR30_03	21.99	708.96	710.36	710.34	710.83	0.012591	3.05	7.28	8.18	0.95
Fondataio	Fondataio	140	Max WS	TR30_04	19.23	708.96	710.27	710.23	710.70	0.012538	2.90	6.63	7.04	0.94
Fondataio	Fondataio	140	Max WS	TR30_06	15.32	708.96	710.13	710.10	710.50	0.012368	2.70	5.67	6.46	0.92
Fondataio	Fondataio	140	Max WS	TR200_01	42.71	708.96	710.79	710.99	711.57	0.014644	3.99	12.04	13.72	1.04
Fondataio	Fondataio	140	Max WS	TR200_02	35.73	708.96	710.67	710.81	711.36	0.013963	3.71	10.45	12.16	1.02
Fondataio	Fondataio	140	Max WS	TR200_03	30.61	708.96	710.57	710.65	711.18	0.013244	3.47	9.33	10.91	0.98
Fondataio	Fondataio	140	Max WS	TR200_04	26.93	708.96	710.49	710.52	711.04	0.012865	3.29	8.47	9.86	0.97
Fondataio	Fondataio	140	Max WS	TR200_06	22.06	708.96	710.36	710.33	710.83	0.012585	3.05	7.30	8.21	0.95
Fondataio	Fondataio	139.98		Lat Struct										
Fondataio	Fondataio	137.50*	Max WS	TR30_01	28.49	708.02	709.79	709.78	710.37	0.013640	3.38	8.43	7.03	0.99
Fondataio	Fondataio	137.50*	Max WS	TR30_02	25.22	708.02	709.68	709.68	710.23	0.014016	3.29	7.67	6.91	1.00
Fondataio	Fondataio	137.50*	Max WS	TR30_03	21.90	708.02	709.57	709.58	710.08	0.014318	3.17	6.91	6.79	1.00
Fondataio	Fondataio	137.50*	Max WS	TR30_04	19.32	708.02	709.48	709.49	709.96	0.014412	3.06	6.32	6.70	1.00
Fondataio	Fondataio	137.50*	Max WS	TR30_06	15.46	708.02	709.34	709.34	709.76	0.014414	2.86	5.41	6.41	0.99
Fondataio	Fondataio	137.50*	Max WS	TR200_01	34.61	708.02	709.99	710.00	710.62	0.012439	3.52	10.15	10.15	0.95
Fondataio	Fondataio	137.50*	Max WS	TR200_02	31.31	708.02	709.88	709.87	710.49	0.013138	3.46	9.12	8.40	0.97
Fondataio	Fondataio	137.50*	Max WS	TR200_03	28.34	708.02	709.78	709.78	710.37	0.013647	3.38	8.39	7.02	0.99
Fondataio	Fondataio	137.50*	Max WS	TR200_04	25.92	708.02	709.70	709.70	710.26	0.013931	3.31	7.83	6.93	0.99
Fondataio	Fondataio	137.50*	Max WS	TR200_06	21.97	708.02	709.57	709.58	710.08	0.014317	3.17	6.92	6.79	1.00
Fondataio	Fondataio	137		Lat Struct										
Fondataio	Fondataio	135.00*	Max WS	TR30_01	30.47	707.07	708.90	708.97	709.60	0.016332	3.70	8.24	6.80	1.07
Fondataio	Fondataio	135.00*	Max WS	TR30_02	26.25	707.07	708.77	708.84	709.42	0.016729	3.56	7.37	6.68	1.08
Fondataio	Fondataio	135.00*	Max WS	TR30_03	22.26	707.07	708.65	708.71	709.24	0.016842	3.39	6.56	6.57	1.08
Fondataio	Fondataio	135.00*	Max WS	TR30_04	19.51	707.07	708.56	708.62	709.10	0.016863	3.26	5.98	6.42	1.08
Fondataio	Fondataio	135.00*	Max WS	TR30_06	15.59	707.07	708.42	708.47	708.90	0.016861	3.05	5.11	6.14	1.07
Fondataio	Fondataio	135.00*	Max WS	TR200_01	39.04	707.07	709.17	709.21	709.93	0.015130	3.87	10.08	7.05	1.03
Fondataio	Fondataio	135.00*	Max WS	TR200_02	34.25	707.07	709.02	709.08	709.75	0.015753	3.78	9.06	6.91	1.05
Fondataio	Fondataio	135.00*	Max WS	TR200_03	30.31	707.07	708.90	708.96	709.59	0.016316	3.69	8.21	6.80	1.07
Fondataio	Fondataio	135.00*	Max WS	TR200_04	27.14	707.07	708.80	708.87	709.46	0.016655	3.60	7.55	6.71	1.08
Fondataio	Fondataio	135.00*	Max WS	TR200_06	22.33	707.07	708.65	708.71	709.24	0.016849	3.40	6.57	6.57	1.08
Fondataio	Fondataio	132.50*	Max WS	TR30_01	31.30	706.13	707.92	708.00	708.66	0.017278	3.82	8.19	6.61	1.10
Fondataio	Fondataio	132.50*	Max WS	TR30_02	26.31	706.13	707.76	707.85	708.45	0.017836	3.67	7.17	6.44	1.11
Fondataio	Fondataio	132.50*	Max WS	TR30_03	22.24	706.13	707.62	707.70	708.26	0.018284	3.54	6.29	6.13	1.11
Fondataio	Fondataio	132.50*	Max WS	TR30_04	19.53	706.13	707.52	707.61	708.12	0.018586	3.43	5.69	5.91	1.12
Fondataio	Fondataio	132.50*	Max WS	TR30_06	15.69	706.13	707.37	707.45	707.91	0.019035	3.25	4.82	5.57	1.12
Fondataio	Fondataio	132.50*	Max WS	TR200_01	42.52	706.13	708.23	708.31	709.10	0.016509	4.11	10.34	6.86	1.07
Fondataio	Fondataio	132.50*	Max WS	TR200_02	36.29	706.13	708.06	708.15	708.86	0.016787	3.95	9.18	6.73	1.08
Fondataio	Fondataio	132.50*	Max WS	TR200_03	31.15	706.13	707.91	707.99	708.65	0.017265	3.81	8.17	6.61	1.10
Fondataio	Fondataio	132.50*	Max WS	TR200_04	27.32	706.13	707.79	707.88	708.49	0.017702	3.70	7.38	6.49	1.11
Fondataio	Fondataio	132.50*	Max WS	TR200_06	22.31	706.13	707.62	707.70	708.26	0.018269	3.54	6.30	6.13	1.11
Fondataio	Fondataio	130	Max WS	TR30_01	33.16	705.19	706.97	706.96	707.64	0.014191	3.62	9.15	6.63	0.98
Fondataio	Fondataio	130	Max WS	TR30_02	27.38	705.19	706.80	706.78	707.39	0.013901				

HEC-RAS Profile: Max WS (Continued)

River	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
Fondataro	Fondataro	127.50*	Max WS	TR200_04	28.77	704.34	706.01	706.02	706.63	0.014538	3.50	8.23	6.79	1.01
Fondataro	Fondataro	127.50*	Max WS	TR200_06	23.11	704.34	705.83	705.83	706.38	0.014352	3.27	7.06	6.43	1.00
Fondataro	Fondataro	125.00*	Max WS	TR30_01	33.58	703.48	705.26	705.31	705.95	0.015281	3.69	9.11	7.56	1.07
Fondataro	Fondataro	125.00*	Max WS	TR30_02	27.83	703.48	705.11	705.15	705.73	0.015212	3.47	8.02	7.19	1.05
Fondataro	Fondataro	125.00*	Max WS	TR30_03	23.23	703.48	704.97	705.00	705.53	0.015081	3.29	7.06	6.85	1.04
Fondataro	Fondataro	125.00*	Max WS	TR30_04	20.26	703.48	704.88	704.89	705.39	0.014971	3.16	6.41	6.62	1.03
Fondataro	Fondataro	125.00*	Max WS	TR30_06	16.15	703.48	704.73	704.73	705.18	0.014775	2.95	5.48	6.26	1.01
Fondataro	Fondataro	125.00*	Max WS	TR200_01	50.46	703.48	705.62	705.74	706.53	0.015608	4.25	11.98	8.49	1.11
Fondataro	Fondataro	125.00*	Max WS	TR200_02	40.40	703.48	705.41	705.49	706.20	0.015385	3.93	10.31	7.96	1.08
Fondataro	Fondataro	125.00*	Max WS	TR200_03	33.59	703.48	705.26	705.32	705.95	0.015265	3.69	9.11	7.57	1.07
Fondataro	Fondataro	125.00*	Max WS	TR200_04	29.01	703.48	705.14	705.18	705.77	0.015234	3.51	8.26	7.27	1.05
Fondataro	Fondataro	125.00*	Max WS	TR200_06	23.31	703.48	704.98	705.00	705.53	0.015080	3.29	7.08	6.86	1.04
Fondataro	Fondataro	122.50*	Max WS	TR30_01	33.80	702.63	704.36	704.42	705.02	0.015392	3.61	9.35	8.25	1.08
Fondataro	Fondataro	122.50*	Max WS	TR30_02	28.06	702.63	704.21	704.26	704.81	0.015604	3.43	8.17	7.81	1.07
Fondataro	Fondataro	122.50*	Max WS	TR30_03	23.43	702.63	704.08	704.12	704.62	0.015653	3.27	7.17	7.42	1.06
Fondataro	Fondataro	122.50*	Max WS	TR30_04	20.44	702.63	703.99	704.02	704.49	0.015706	3.15	6.49	7.15	1.06
Fondataro	Fondataro	122.50*	Max WS	TR30_06	16.29	702.63	703.84	703.87	704.29	0.015850	2.96	5.50	6.73	1.05
Fondataro	Fondataro	122.50*	Max WS	TR200_01	50.79	702.63	704.69	705.04	705.57	0.015848	4.16	12.29	11.58	1.13
Fondataro	Fondataro	122.50*	Max WS	TR200_02	40.71	702.63	704.51	704.59	705.26	0.015407	3.84	10.62	8.70	1.09
Fondataro	Fondataro	122.50*	Max WS	TR200_03	33.87	702.63	704.36	704.42	705.03	0.015357	3.61	9.37	8.25	1.08
Fondataro	Fondataro	122.50*	Max WS	TR200_04	29.25	702.63	704.24	704.30	704.86	0.015584	3.47	8.43	7.90	1.07
Fondataro	Fondataro	122.50*	Max WS	TR200_06	23.51	702.63	704.08	704.12	704.63	0.015648	3.27	7.18	7.43	1.06
Fondataro	Fondataro	120	Max WS	TR30_01	34.00	701.78	703.50	703.66	704.02	0.011821	3.20	11.29	24.44	0.96
Fondataro	Fondataro	120	Max WS	TR30_02	28.29	701.78	703.37	703.33	703.84	0.011904	3.03	9.33	8.91	0.95
Fondataro	Fondataro	120	Max WS	TR30_03	23.63	701.78	703.24	703.24	703.66	0.011712	2.87	8.23	8.47	0.93
Fondataro	Fondataro	120	Max WS	TR30_04	20.61	701.78	703.15	703.15	703.54	0.011620	2.76	7.48	8.16	0.92
Fondataro	Fondataro	120	Max WS	TR30_06	16.43	701.78	703.01	703.01	703.35	0.011815	2.60	6.32	7.65	0.91
Fondataro	Fondataro	120	Max WS	TR200_01	51.11	701.78	703.73	703.93	704.35	0.012022	3.65	18.60	39.04	0.99
Fondataro	Fondataro	120	Max WS	TR200_02	41.03	701.78	703.62	703.81	704.18	0.011778	3.40	14.40	31.71	0.97
Fondataro	Fondataro	120	Max WS	TR200_03	34.14	701.78	703.51	703.67	704.03	0.011785	3.20	11.37	24.66	0.96
Fondataro	Fondataro	120	Max WS	TR200_04	29.49	701.78	703.40	703.36	703.88	0.011899	3.07	9.61	9.02	0.95
Fondataro	Fondataro	120	Max WS	TR200_06	23.71	701.78	703.25	703.25	703.67	0.011717	2.87	8.25	8.48	0.93
Fondataro	Fondataro	117.50*	Max WS	TR30_01	34.19	701.02	702.85	703.04	703.38	0.010350	3.28	12.29	28.87	0.91
Fondataro	Fondataro	117.50*	Max WS	TR30_02	28.51	701.02	702.72	702.66	703.21	0.010555	3.10	9.43	13.32	0.91
Fondataro	Fondataro	117.50*	Max WS	TR30_03	23.82	701.02	702.61	702.51	703.03	0.010438	2.88	8.29	8.65	0.88
Fondataro	Fondataro	117.50*	Max WS	TR30_04	20.78	701.02	702.52	702.52	702.90	0.010304	2.73	7.61	7.63	0.87
Fondataro	Fondataro	117.50*	Max WS	TR30_06	16.57	701.02	702.37	702.37	702.70	0.010088	2.54	6.51	7.12	0.85
Fondataro	Fondataro	117.50*	Max WS	TR200_01	51.41	701.02	703.05	703.25	703.65	0.010921	3.71	20.28	41.21	0.96
Fondataro	Fondataro	117.50*	Max WS	TR200_02	41.34	701.02	702.95	703.13	703.51	0.010486	3.47	16.09	39.26	0.93
Fondataro	Fondataro	117.50*	Max WS	TR200_03	34.41	701.02	702.85	703.04	703.38	0.010308	3.28	12.43	29.86	0.91
Fondataro	Fondataro	117.50*	Max WS	TR200_04	29.72	701.02	702.75	702.95	703.25	0.010574	3.15	9.86	17.90	0.91
Fondataro	Fondataro	117.50*	Max WS	TR200_06	23.90	701.02	702.61	702.51	703.03	0.010442	2.89	8.31	8.68	0.89
Fondataro	Fondataro	115	Max WS	TR30_01	34.40	700.26	701.99	702.35	702.85	0.018140	4.20	9.16	12.95	1.17
Fondataro	Fondataro	115	Max WS	TR30_02	28.74	700.26	701.87	702.27	702.65	0.018136	3.95	7.85	10.58	1.16
Fondataro	Fondataro	115	Max WS	TR30_03	24.02	700.26	701.77	701.94	702.45	0.017943	3.68	6.77	9.35	1.13
Fondataro	Fondataro	115	Max WS	TR30_04	20.95	700.26	701.69	701.83	702.31	0.017880	3.49	6.07	7.96	1.12
Fondataro	Fondataro	115	Max WS	TR30_06	16.70	700.26	701.55	701.60	702.06	0.017724	3.22	5.19	5.85	1.09
Fondataro	Fondataro	115	Max WS	TR200_01	51.71	700.26	702.24	702.56	703.12	0.016838	4.55	17.78	44.96	1.17
Fondataro	Fondataro	115	Max WS	TR200_02	41.65	700.26	702.12	702.42	703.02	0.017483	4.39	12.78	37.97	1.17
Fondataro	Fondataro	115	Max WS	TR200_03	34.68	700.26	702.00	702.37	702.86	0.018141	4.21	9.23	13.44	1.18
Fondataro	Fondataro	115	Max WS	TR200_04	29.96	700.26	701.90	702.29	702.70	0.018128	4.00	8.14	10.81	1.16
Fondataro	Fondataro	115	Max WS	TR200_06	24.09	700.26	701.77	701.94	702.46	0.017944	3.69	6.79	9.37	1.13
Fondataro	Fondataro	112.50*	Max WS	TR30_01	34.52	699.66	701.30	701.62	702.06	0.017564	3.93	9.54	11.55	1.16
Fondataro	Fondataro	112.50*	Max WS	TR30_02	28.89	699.66	701.19	701.30	701.87	0.017413	3.70	8.26	10.46	1.14
Fondataro	Fondataro	112.50*	Max WS	TR30_03	24.15	699.66	701.09	701.21	701.69	0.016395	3.42	7.31	9.87	1.10
Fondataro	Fondataro	112.50*	Max WS	TR30_04	21.07	699.66	701.02	701.11	701.55	0.015762	3.23	6.64	9.24	1.06
Fondataro	Fondataro	112.50*	Max WS	TR30_06	16.79	699.66	700.91	700.92	701.35	0.015044	2.94	5.71	6.80	1.02
Fondataro	Fondataro	112.50*	Max WS	TR200_01	51.91	699.66	701.52	701.84	702.50	0.020178	4.60	15.00	31.32	1.27
Fondataro	Fondataro	112.50*	Max WS	TR200_02	41.85	699.66	701.42	701.73	702.33	0.019222	4.31	11.73	29.89	1.22
Fondataro	Fondataro	112.50*	Max WS	TR200_03	34.85	699.66	701.31	701.63	702.07	0.017582	3.94	9.61	11.62	1.16
Fondataro	Fondataro	112.50*	Max WS	TR200_04	30.11	699.66	701.21	701.32	701.91	0.017344	3.75	8.56	10.64	1.14
Fondataro	Fondataro	112.50*	Max WS	TR200_06	24.22	699.66	701.09	701.21	701.69	0.016416	3.43	7.33	9.88	1.10
Fondataro	Fondataro	110	Max WS	TR30_01	34.64	699.06	700.51	700.77	701.27	0.021623	4.02	11.17	30.83	1.28
Fondataro	Fondataro	110	Max WS	TR30_02	29.04	699.06	700.41	700.68	701.19	0.023231	3.95	8.43	24.48	1.31
Fondataro	Fondataro	110	Max WS	TR30_03	24.27	699.06	700.31	700.61	701.04	0.024159	3.78	6.51	13.31	1.31
Fondataro	Fondataro	110	Max WS	TR30_04	21.18	699.06	700.23	700.55	700.92	0.025169	3.65	5.80	7.48	1.32
Fondataro	Fondataro	110	Max WS	TR30_06	16.88	699.06	700.10	700.28	700.72	0.026750	3.49	4.83	7.02	1.34
Fondataro	Fondataro	110	Max WS	TR200_01	52.09	699.06	700.76	700.94	701.37	0.016161	3.92	19.64	36.89	1.13
Fondataro	Fondataro	110	Max WS	TR200_02	42.05	699.06	700.63	700.85	701.30	0.018607	3.66	14.96	33.67	1.20
Fondataro	Fondataro	110	Max WS	TR200_03	35.02	699.06	700.52	700.77	701.27	0.021392	4.01	11.39	31.00	1.27
Fondataro	Fondataro	110	Max WS	TR200_04	30.26	699.06	700.44	700.70	701.22	0.023042	3.98	8.99	27.40	1.30
Fondataro	Fondataro	110	Max WS	TR200_06	24.35	699.06	700.32	700.61	701.04	0.024134	3.78	6.64	13.45	1.31
Fondataro	Fondataro	108	Max WS	TR30_01	34.87	697.49	699.41	699.41	699.98	0.010724	3.33	10.47	7.07	0.86
Fondataro	Fondataro	108	Max WS	TR30_02	29.30	697.49	699.25	699.25	699.75	0.010430	3.13	9.35	6.64	0.84
Fondataro	Fondataro	108	Max WS	TR30_03	24.50	697.49	699.08	699.08	699.53	0.010197	2.96	8.29	6.40	0.83
Fondataro	Fondataro	108	Max WS	TR30_04	21.38	697.49	698.96	698.96	699.37	0.010177	2.84	7.53	6.22	0.82
Fondataro	Fondataro	108	Max WS	TR30_06	17.04	697.49	698.78	698.78	699.14	0.010157	2.66	6.41	5.94	0.82
Fondataro	Fondataro	108	Max WS	TR200_01	52.43	697.49	699.80	699.98	700.56	0.011530	3.91	14.65	17.87	0.92
Fondataro	Fondataro	108	Max WS	TR200_02	42.41	697.49	699.61	699.47	700.26	0.010916	3.58	12.02	10.04	0.88
Fondataro	Fondataro	108	Max WS	TR200_03										

HEC-RAS Profile: Max WS (Continued)

River	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
Fondataio	Fondataio	105	Max WS	TR200_03	35.72	696.60	698.43	698.65	699.05	0.012881	3.63	12.29	20.04	0.92
Fondataio	Fondataio	105	Max WS	TR200_04	30.87	696.60	698.33	698.50	698.91	0.012496	3.46	10.50	16.18	0.90
Fondataio	Fondataio	105	Max WS	TR200_06	24.85	696.60	698.18	698.15	698.69	0.012031	3.21	8.41	10.64	0.88
Fondataio	Fondataio	100.1			Lat Struct									
Fondataio	Fondataio	100	Max WS	TR30_01	34.31	695.88	697.75		698.01	0.004803	2.40	17.95	20.46	0.62
Fondataio	Fondataio	100	Max WS	TR30_02	29.64	695.88	697.65		697.89	0.004843	2.32	15.80	19.58	0.62
Fondataio	Fondataio	100	Max WS	TR30_03	24.99	695.88	697.52		697.75	0.005010	2.23	13.42	18.25	0.63
Fondataio	Fondataio	100	Max WS	TR30_04	21.82	695.88	697.42		697.65	0.005153	2.17	11.70	16.59	0.63
Fondataio	Fondataio	100	Max WS	TR30_06	17.40	695.88	697.28		697.48	0.005022	2.02	9.60	14.16	0.62
Fondataio	Fondataio	100	Max WS	TR200_01	48.05	695.88	697.99		698.29	0.005115	2.69	23.11	22.43	0.65
Fondataio	Fondataio	100	Max WS	TR200_02	40.48	695.88	697.87		698.15	0.004871	2.52	20.48	21.45	0.63
Fondataio	Fondataio	100	Max WS	TR200_03	34.84	695.88	697.77		698.02	0.004789	2.41	18.20	20.56	0.62
Fondataio	Fondataio	100	Max WS	TR200_04	30.76	695.88	697.67		697.92	0.004823	2.34	16.34	19.80	0.62
Fondataio	Fondataio	100	Max WS	TR200_06	25.07	695.88	697.52		697.75	0.005003	2.23	13.46	18.29	0.63
Fondataio	Fondataio	96.667*	Max WS	TR30_01	34.27	695.69	697.60	697.47	698.04	0.008034	2.99	12.74	14.73	0.77
Fondataio	Fondataio	96.667*	Max WS	TR30_02	29.75	695.69	697.50	697.30	697.90	0.007795	2.83	11.30	12.95	0.76
Fondataio	Fondataio	96.667*	Max WS	TR30_03	25.06	695.69	697.37		697.73	0.007521	2.64	9.84	10.87	0.74
Fondataio	Fondataio	96.667*	Max WS	TR30_04	21.88	695.69	697.28		697.60	0.007389	2.51	8.87	9.37	0.73
Fondataio	Fondataio	96.667*	Max WS	TR30_06	17.45	695.69	697.12		697.39	0.007272	2.30	7.57	7.16	0.72
Fondataio	Fondataio	96.667*	Max WS	TR200_01	46.33	695.69	697.83	697.83	698.35	0.008501	3.32	16.54	17.47	0.80
Fondataio	Fondataio	96.667*	Max WS	TR200_02	39.93	695.69	697.72	697.65	698.20	0.008251	3.15	14.58	16.41	0.79
Fondataio	Fondataio	96.667*	Max WS	TR200_03	34.80	695.69	697.61	697.49	698.06	0.008042	3.00	12.92	14.95	0.77
Fondataio	Fondataio	96.667*	Max WS	TR200_04	30.86	695.69	697.52	697.34	697.93	0.007857	2.87	11.65	13.41	0.76
Fondataio	Fondataio	96.667*	Max WS	TR200_06	25.14	695.69	697.38		697.73	0.007524	2.65	9.87	10.91	0.74
Fondataio	Fondataio	93.333*	Max WS	TR30_01	32.14	695.50	697.38		697.93	0.011125	3.27	9.84	6.86	0.86
Fondataio	Fondataio	93.333*	Max WS	TR30_02	28.65	695.50	697.29		697.78	0.010692	3.11	9.22	6.62	0.84
Fondataio	Fondataio	93.333*	Max WS	TR30_03	24.65	695.50	697.18		697.61	0.009985	2.90	8.50	6.58	0.81
Fondataio	Fondataio	93.333*	Max WS	TR30_04	21.78	695.50	697.09		697.48	0.009596	2.75	7.92	6.54	0.80
Fondataio	Fondataio	93.333*	Max WS	TR30_06	17.50	695.50	696.94		697.26	0.009205	2.53	6.92	6.49	0.78
Fondataio	Fondataio	93.333*	Max WS	TR200_01	40.42	695.50	697.60	697.48	698.25	0.011321	3.56	11.63	9.63	0.87
Fondataio	Fondataio	93.333*	Max WS	TR200_02	36.19	695.50	697.49	697.35	698.09	0.011248	3.42	10.66	8.02	0.87
Fondataio	Fondataio	93.333*	Max WS	TR200_03	32.55	695.50	697.39		697.94	0.011121	3.28	9.92	6.99	0.86
Fondataio	Fondataio	93.333*	Max WS	TR200_04	29.56	695.50	697.31		697.82	0.010850	3.15	9.37	6.63	0.85
Fondataio	Fondataio	93.333*	Max WS	TR200_06	24.72	695.50	697.18		697.61	0.009996	2.90	8.52	6.58	0.81
Fondataio	Fondataio	90	Max WS	TR30_01	28.09	695.23	697.13		697.66	0.011558	3.19	8.79	5.96	0.84
Fondataio	Fondataio	90	Max WS	TR30_02	26.19	695.23	697.05		697.56	0.011965	3.17	8.27	5.94	0.86
Fondataio	Fondataio	90	Max WS	TR30_03	23.50	695.23	696.94		697.42	0.012082	3.07	7.65	5.93	0.86
Fondataio	Fondataio	90	Max WS	TR30_04	21.27	695.23	696.86		697.31	0.012094	2.98	7.14	5.91	0.87
Fondataio	Fondataio	90	Max WS	TR30_06	17.52	695.23	696.71		697.11	0.012123	2.80	6.25	5.89	0.87
Fondataio	Fondataio	90	Max WS	TR200_01	31.41	695.23	697.34		697.84	0.009908	3.13	10.04	5.99	0.77
Fondataio	Fondataio	90	Max WS	TR200_02	29.86	695.23	697.24		697.75	0.010772	3.17	9.41	5.97	0.81
Fondataio	Fondataio	90	Max WS	TR200_03	28.28	695.23	697.15		697.67	0.011452	3.19	8.86	5.96	0.84
Fondataio	Fondataio	90	Max WS	TR200_04	26.74	695.23	697.07		697.59	0.011887	3.18	8.41	5.95	0.85
Fondataio	Fondataio	90	Max WS	TR200_06	23.55	695.23	696.94		697.43	0.012078	3.07	7.66	5.93	0.86
Fondataio	Fondataio	88			Lat Struct									
Fondataio	Fondataio	85	Max WS	TR30_01	27.65	693.99	695.89		696.43	0.011598	3.27	8.46	5.59	0.85
Fondataio	Fondataio	85	Max WS	TR30_02	24.98	693.99	695.79		696.30	0.011457	3.16	7.91	5.54	0.84
Fondataio	Fondataio	85	Max WS	TR30_03	22.29	693.99	695.68		696.15	0.011284	3.04	7.33	5.49	0.84
Fondataio	Fondataio	85	Max WS	TR30_04	20.33	693.99	695.61		696.05	0.011095	2.94	6.91	5.45	0.83
Fondataio	Fondataio	85	Max WS	TR30_06	17.15	693.99	695.48		695.87	0.010608	2.76	6.22	5.35	0.82
Fondataio	Fondataio	85	Max WS	TR200_01	35.24	693.99	696.17		696.79	0.011739	3.51	10.05	5.73	0.85
Fondataio	Fondataio	85	Max WS	TR200_02	31.28	693.99	696.02		696.61	0.011667	3.39	9.23	5.66	0.85
Fondataio	Fondataio	85	Max WS	TR200_03	28.08	693.99	695.91		696.45	0.011586	3.28	8.56	5.60	0.85
Fondataio	Fondataio	85	Max WS	TR200_04	25.67	693.99	695.81		696.33	0.011491	3.19	8.05	5.55	0.85
Fondataio	Fondataio	85	Max WS	TR200_06	22.34	693.99	695.68		696.16	0.011292	3.04	7.34	5.49	0.84
Fondataio	Fondataio	81			Lat Struct									
Fondataio	Fondataio	80	Max WS	TR30_01	23.08	693.31	695.04		695.54	0.011086	3.12	7.60	6.46	0.79
Fondataio	Fondataio	80	Max WS	TR30_02	21.02	693.31	694.95		695.42	0.011016	3.02	7.05	5.86	0.79
Fondataio	Fondataio	80	Max WS	TR30_03	19.03	693.31	694.86		695.30	0.011056	2.92	6.53	5.23	0.79
Fondataio	Fondataio	80	Max WS	TR30_04	17.70	693.31	694.79		695.21	0.011254	2.87	6.17	4.74	0.79
Fondataio	Fondataio	80	Max WS	TR30_06	15.78	693.31	694.66		695.07	0.011827	2.82	5.59	4.61	0.82
Fondataio	Fondataio	80	Max WS	TR200_01	29.55	693.31	695.30	695.15	695.86	0.011072	3.36	9.49	8.62	0.79
Fondataio	Fondataio	80	Max WS	TR200_02	26.21	693.31	695.17	694.98	695.70	0.011162	3.25	8.45	7.30	0.79
Fondataio	Fondataio	80	Max WS	TR200_03	23.47	693.31	695.06		695.56	0.011064	3.14	7.71	6.58	0.79
Fondataio	Fondataio	80	Max WS	TR200_04	21.55	693.31	694.98		695.45	0.011016	3.05	7.20	6.03	0.79
Fondataio	Fondataio	80	Max WS	TR200_06	19.06	693.31	694.86		695.30	0.011041	2.93	6.54	5.24	0.79
Fondataio	Fondataio	78.000*	Max WS	TR30_01	22.35	693.08	694.86		695.25	0.008522	2.77	8.06	5.32	0.72
Fondataio	Fondataio	78.000*	Max WS	TR30_02	20.56	693.08	694.77		695.14	0.008511	2.71	7.59	5.30	0.72
Fondataio	Fondataio	78.000*	Max WS	TR30_03	18.83	693.08	694.68		695.03	0.008642	2.65	7.09	5.28	0.73
Fondataio	Fondataio	78.000*	Max WS	TR30_04	17.77	693.08	694.60		694.96	0.009028	2.65	6.71	5.26	0.75
Fondataio	Fondataio	78.000*	Max WS	TR30_06	15.89	693.08	694.47		694.83	0.009865	2.64	6.01	5.24	0.79
Fondataio	Fondataio	78.000*	Max WS	TR200_01	27.54	693.08	695.12		695.55	0.008179	2.91	9.48	5.92	0.70
Fondataio	Fondataio	78.000*	Max WS	TR200_02	25.09	693.08	694.98		695.40	0.008593	2.87	8.73	5.34	0.72
Fondataio	Fondataio	78.000*	Max WS	TR200_03	22.70	693.08	694.88		695.27	0.008504	2.78	8.15	5.32	0.72
Fondataio	Fondataio	78.000*	Max WS	TR200_04	21.02	693.08	694.79		695.17	0.008496	2.72	7.72	5.30	0.72
Fondataio	Fondataio	78.000*	Max WS	TR200_06	18.86	693.08	694.68		695.04	0.008629	2.65	7.11	5.28	0.73
Fondataio	Fondataio	76.000*	Max WS	TR30_01	19.15	692.86	694.79		695.02	0.003979	2.11	9.09	5.91	0.54
Fondataio	Fondataio	76.000*	Max WS	TR30_02	18.15	692.86	694.69		694.92	0.004384	2.14	8.50	5.88	0.57
Fondataio	Fondataio	76.000*	Max WS	TR30_03	17.24	692.86	694.58		694.82	0.005075	2.20	7.83	5.84	0.61
Fondataio	Fondataio	76.000*	Max WS	TR30_04	16.76	692.86	694.48		694.75	0.006061	2.31	7.26	5.81	0.66
Fondataio	Fondataio	76.000*	Max WS	TR30_06	15.72	692.86	694.31		694.63	0.006313	2.50	6.28	5.74	0.76
Fondataio	Fondataio	76.000*	Max WS	TR200_01	21.87	692.86	695.06		695.27	0.003192	2.05	10.68	6.00	0.49
Fondataio	Fondataio	76.000*	Max WS	TR200_02	20.86	692.86	694.93		695.16	0.003633	2.11	9.91	5.96	0.52
Fondataio	Fondataio	76.000*	Max WS	TR200_03	19.34	692.86	694.81		695.04	0.003884	2.10	9.22	5.92	0.54
Fondataio	Fondataio	76.000*												

HEC-RAS Profile: Max WS (Continued)

River	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
Fondataro	Fondataro	72.000*	Max WS	TR30_01	25.70	692.40	694.41		694.81	0.008033	2.78	9.25	6.18	0.73
Fondataro	Fondataro	72.000*	Max WS	TR30_02	23.96	692.40	694.33		694.71	0.008196	2.75	8.72	6.08	0.73
Fondataro	Fondataro	72.000*	Max WS	TR30_03	22.14	692.40	694.23		694.61	0.008456	2.72	8.14	5.97	0.74
Fondataro	Fondataro	72.000*	Max WS	TR30_04	20.67	692.40	694.15		694.52	0.008709	2.70	7.65	5.88	0.76
Fondataro	Fondataro	72.000*	Max WS	TR30_06	17.71	692.40	694.00		694.35	0.008931	2.61	6.78	5.71	0.76
Fondataro	Fondataro	72.000*	Max WS	TR200_01	28.01	692.40	694.79		695.08	0.005122	2.41	11.64	6.62	0.58
Fondataro	Fondataro	72.000*	Max WS	TR200_02	27.35	692.40	694.57		694.93	0.006975	2.68	10.20	6.36	0.68
Fondataro	Fondataro	72.000*	Max WS	TR200_03	25.98	692.40	694.44		694.83	0.007911	2.77	9.37	6.21	0.72
Fondataro	Fondataro	72.000*	Max WS	TR200_04	24.39	692.40	694.35		694.74	0.008108	2.75	8.87	6.11	0.73
Fondataro	Fondataro	72.000*	Max WS	TR200_06	22.19	692.40	694.23		694.61	0.008449	2.72	8.15	5.98	0.74
Fondataro	Fondataro	70	Max WS	TR30_01	19.06	692.18	694.37		694.55	0.003329	1.86	10.26	6.33	0.47
Fondataro	Fondataro	70	Max WS	TR30_02	17.65	692.18	694.27		694.44	0.003376	1.83	9.64	6.22	0.47
Fondataro	Fondataro	70	Max WS	TR30_03	16.55	692.18	694.16		694.33	0.003661	1.85	8.93	6.09	0.49
Fondataro	Fondataro	70	Max WS	TR30_04	15.91	692.18	694.05		694.24	0.004126	1.92	8.30	5.98	0.52
Fondataro	Fondataro	70	Max WS	TR30_06	14.68	692.18	693.88		694.09	0.005036	2.02	7.28	5.78	0.57
Fondataro	Fondataro	70	Max WS	TR200_01	24.30	692.18	694.71		694.90	0.003221	1.95	12.44	6.71	0.46
Fondataro	Fondataro	70	Max WS	TR200_02	21.60	692.18	694.57		694.75	0.003120	1.87	11.53	6.56	0.45
Fondataro	Fondataro	70	Max WS	TR200_03	19.20	692.18	694.40		694.57	0.003220	1.84	10.44	6.37	0.46
Fondataro	Fondataro	70	Max WS	TR200_04	17.76	692.18	694.31		694.47	0.003226	1.80	9.85	6.26	0.46
Fondataro	Fondataro	70	Max WS	TR200_06	16.57	692.18	694.16		694.34	0.003651	1.85	8.94	6.10	0.49
Fondataro	Fondataro	69.9			Lat Struct									
Fondataro	Fondataro	68.889*	Max WS	TR30_01	18.89	692.05	694.36		694.51	0.002435	1.75	10.93	6.43	0.43
Fondataro	Fondataro	68.889*	Max WS	TR30_02	17.30	692.05	694.26		694.40	0.002434	1.70	10.28	6.32	0.42
Fondataro	Fondataro	68.889*	Max WS	TR30_03	15.88	692.05	694.14		694.28	0.002549	1.68	9.53	6.20	0.43
Fondataro	Fondataro	68.889*	Max WS	TR30_04	15.19	692.05	694.03		694.18	0.002855	1.72	8.89	6.09	0.45
Fondataro	Fondataro	68.889*	Max WS	TR30_06	13.95	692.05	693.85		694.01	0.003540	1.81	7.78	5.89	0.50
Fondataro	Fondataro	68.889*	Max WS	TR200_01	23.74	692.05	694.71		694.88	0.002225	1.82	13.23	6.79	0.41
Fondataro	Fondataro	68.889*	Max WS	TR200_02	21.45	692.05	694.52		694.69	0.002402	1.81	12.00	6.60	0.43
Fondataro	Fondataro	68.889*	Max WS	TR200_03	19.34	692.05	694.39		694.55	0.002423	1.76	11.12	6.46	0.43
Fondataro	Fondataro	68.889*	Max WS	TR200_04	17.50	692.05	694.29		694.44	0.002345	1.69	10.50	6.36	0.42
Fondataro	Fondataro	68.889*	Max WS	TR200_06	15.90	692.05	694.14		694.29	0.002538	1.68	9.56	6.20	0.43
Fondataro	Fondataro	67.778*	Max WS	TR30_01	20.26	691.91	694.26		694.44	0.002810	1.88	11.00	6.40	0.45
Fondataro	Fondataro	67.778*	Max WS	TR30_02	18.98	691.91	694.16		694.34	0.002919	1.86	10.37	6.31	0.46
Fondataro	Fondataro	67.778*	Max WS	TR30_03	17.59	691.91	694.04		694.22	0.003084	1.86	9.64	6.20	0.47
Fondataro	Fondataro	67.778*	Max WS	TR30_04	16.67	691.91	693.93		694.11	0.003414	1.89	8.96	6.09	0.49
Fondataro	Fondataro	67.778*	Max WS	TR30_06	15.60	691.91	693.71		693.93	0.004717	2.06	7.64	5.88	0.56
Fondataro	Fondataro	67.778*	Max WS	TR200_01	26.10	691.91	694.67		694.86	0.002521	1.96	13.68	6.79	0.44
Fondataro	Fondataro	67.778*	Max WS	TR200_02	23.63	691.91	694.44		694.64	0.002883	1.99	12.16	6.57	0.46
Fondataro	Fondataro	67.778*	Max WS	TR200_03	20.60	691.91	694.29		694.47	0.002784	1.88	11.17	6.43	0.45
Fondataro	Fondataro	67.778*	Max WS	TR200_04	19.31	691.91	694.19		694.37	0.002865	1.86	10.57	6.34	0.45
Fondataro	Fondataro	67.778*	Max WS	TR200_06	17.61	691.91	694.05		694.22	0.003071	1.85	9.67	6.20	0.47
Fondataro	Fondataro	66.667*	Max WS	TR30_01	21.03	691.79	694.22		694.40	0.002802	1.90	11.39	6.41	0.44
Fondataro	Fondataro	66.667*	Max WS	TR30_02	19.35	691.79	694.12		694.29	0.002788	1.85	10.76	6.32	0.44
Fondataro	Fondataro	66.667*	Max WS	TR30_03	18.30	691.79	693.97		694.16	0.003220	1.91	9.82	6.19	0.47
Fondataro	Fondataro	66.667*	Max WS	TR30_04	17.28	691.79	693.86		694.05	0.003506	1.93	9.14	6.10	0.49
Fondataro	Fondataro	66.667*	Max WS	TR30_06	16.07	691.79	693.62		693.85	0.004882	2.11	7.72	5.89	0.56
Fondataro	Fondataro	66.667*	Max WS	TR200_01	24.33	691.79	694.77		694.91	0.001728	1.68	15.03	6.88	0.36
Fondataro	Fondataro	66.667*	Max WS	TR200_02	24.17	691.79	694.71		694.61	0.002786	1.98	12.61	6.57	0.45
Fondataro	Fondataro	66.667*	Max WS	TR200_03	21.48	691.79	694.25		694.43	0.002792	1.91	11.58	6.43	0.44
Fondataro	Fondataro	66.667*	Max WS	TR200_04	19.81	691.79	694.15		694.33	0.002787	1.86	10.94	6.35	0.44
Fondataro	Fondataro	66.667*	Max WS	TR200_06	18.35	691.79	693.98		694.16	0.003217	1.91	9.84	6.20	0.47
Fondataro	Fondataro	65.556*	Max WS	TR30_01	22.50	691.65	694.14		694.35	0.003210	2.03	11.46	6.34	0.46
Fondataro	Fondataro	65.556*	Max WS	TR30_02	20.56	691.65	694.05		694.24	0.003088	1.95	10.89	6.28	0.45
Fondataro	Fondataro	65.556*	Max WS	TR30_03	18.34	691.65	693.95		694.12	0.002931	1.84	10.22	6.19	0.44
Fondataro	Fondataro	65.556*	Max WS	TR30_04	17.49	691.65	693.82		694.00	0.003329	1.90	9.43	6.10	0.47
Fondataro	Fondataro	65.556*	Max WS	TR30_06	16.11	691.65	693.56		693.77	0.004659	2.08	7.86	5.90	0.54
Fondataro	Fondataro	65.556*	Max WS	TR200_01	30.12	691.65	694.43		694.71	0.003793	2.35	13.32	6.56	0.51
Fondataro	Fondataro	65.556*	Max WS	TR200_02	26.14	691.65	694.30		694.54	0.003435	2.17	12.47	6.46	0.48
Fondataro	Fondataro	65.556*	Max WS	TR200_03	22.75	691.65	694.18		694.38	0.003110	2.01	11.69	6.37	0.46
Fondataro	Fondataro	65.556*	Max WS	TR200_04	20.87	691.65	694.09		694.28	0.003002	1.94	11.12	6.30	0.45
Fondataro	Fondataro	65.556*	Max WS	TR200_06	18.36	691.65	693.95		694.12	0.002920	1.84	10.24	6.20	0.44
Fondataro	Fondataro	64.444*	Max WS	TR30_01	23.22	691.52	694.00		694.24	0.003833	2.17	11.07	6.21	0.49
Fondataro	Fondataro	64.444*	Max WS	TR30_02	21.45	691.52	693.95		694.17	0.003554	2.07	10.74	6.17	0.47
Fondataro	Fondataro	64.444*	Max WS	TR30_03	19.51	691.52	693.86		694.06	0.003410	1.98	10.17	6.11	0.46
Fondataro	Fondataro	64.444*	Max WS	TR30_04	17.85	691.52	693.76		693.95	0.003355	1.91	9.58	6.05	0.46
Fondataro	Fondataro	64.444*	Max WS	TR30_06	15.03	691.52	693.53		693.71	0.003606	1.86	8.21	5.90	0.47
Fondataro	Fondataro	64.444*	Max WS	TR200_01	29.86	691.52	694.20		694.52	0.004796	2.53	12.31	6.33	0.55
Fondataro	Fondataro	64.444*	Max WS	TR200_02	26.76	691.52	694.13		694.40	0.004235	2.35	11.84	6.29	0.52
Fondataro	Fondataro	64.444*	Max WS	TR200_03	23.59	691.52	694.03		694.26	0.003831	2.18	11.20	6.22	0.49
Fondataro	Fondataro	64.444*	Max WS	TR200_04	21.76	691.52	693.97		694.19	0.003550	2.08	10.86	6.18	0.47
Fondataro	Fondataro	64.444*	Max WS	TR200_06	19.58	691.52	693.86		694.06	0.003418	1.98	10.19	6.11	0.46
Fondataro	Fondataro	63.333*	Max WS	TR30_01	22.80	691.39	694.01		694.22	0.003410	2.07	11.49	6.12	0.45
Fondataro	Fondataro	63.333*	Max WS	TR30_02	20.79	691.39	693.95		694.14	0.003085	1.94	11.13	6.09	0.43
Fondataro	Fondataro	63.333*	Max WS	TR30_03	18.15	691.39	693.85		694.01	0.002736	1.79	10.52	6.04	0.40
Fondataro	Fondataro	63.333*	Max WS	TR30_04	17.01	691.39	693.75		693.90	0.002833	1.78	9.89	5.98	0.41
Fondataro	Fondataro	63.333*	Max WS	TR30_06	16.06	691.39	693.42		693.63	0.004416	2.03	7.99	5.67	0.50
Fondataro	Fondataro	63.333*	Max WS	TR200_01	29.53	691.39	694.22		694.51	0.004302	2.43	12.77	6.23	0.51
Fondataro	Fondataro	63.333*	Max WS	TR200_02	26.58	691.39	694.15		694.40	0.003825	2.26	12.34	6.19	0.48
Fondataro	Fondataro	63.333*	Max WS	TR200_03	23.61	691.39	694.03		694.26	0.003534	2.12	11.63	6.13	0.46
Fondataro	Fondataro	63.333*	Max WS	TR200_04	21.48	691.39	693.97		694.17	0.003189	1.99	11.27	6.10	0.44
Fondataro	Fondataro	63.333*	Max WS	TR200_06	18.34	691.39	693.85		694.02	0.002785	1.81	10.53	6.04	0.41
Fondataro	Fondataro	62.222*	Max WS	TR30_01	20.56	691.26	694.03		694.20	0.002596	1.81	11.90	5.98	0.38
Fondataro	Fondataro	62.222*	Max WS	TR30_02	19.36	691.26	693.98		694.14	0.002463	1.75	11.61	5.96	0.37
Fondataro														

HEC-RAS Profile: Max WS (Continued)

River	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
Fondataio	Fondataio	61.111*	Max WS	TR200_02	26.51	691.13	693.98		694.26	0.004618	2.38	11.86	8.36	0.48
Fondataio	Fondataio	61.111*	Max WS	TR200_03	20.32	691.13	693.91		694.09	0.003004	1.89	11.33	6.46	0.39
Fondataio	Fondataio	61.111*	Max WS	TR200_04	16.28	691.13	693.90		694.02	0.001957	1.52	11.28	6.08	0.31
Fondataio	Fondataio	61.111*	Max WS	TR200_06	16.66	691.13	693.85		693.97	0.002212	1.60	10.95	5.70	0.33
Fondataio	Fondataio	60	Max WS	TR30_01	27.04	691.00	693.82	692.93	694.15	0.005968	2.59	12.17	19.51	0.51
Fondataio	Fondataio	60	Max WS	TR30_02	24.96	691.00	693.77		694.07	0.005576	2.47	11.28	15.39	0.49
Fondataio	Fondataio	60	Max WS	TR30_03	20.44	691.00	693.56		693.81	0.005189	2.27	9.38	5.39	0.47
Fondataio	Fondataio	60	Max WS	TR30_04	20.71	691.00	693.42		693.72	0.006483	2.46	8.63	5.32	0.53
Fondataio	Fondataio	60	Max WS	TR30_06	18.45	691.00	692.99		693.37	0.009715	2.74	6.74	3.71	0.65
Fondataio	Fondataio	60	Max WS	TR200_01	32.36	691.00	693.96	693.18	694.31	0.006352	2.77	15.71	30.34	0.53
Fondataio	Fondataio	60	Max WS	TR200_02	30.07	691.00	693.91	693.06	694.25	0.006223	2.71	14.13	26.61	0.53
Fondataio	Fondataio	60	Max WS	TR200_03	27.54	691.00	693.84	692.95	694.17	0.006008	2.61	12.49	20.84	0.51
Fondataio	Fondataio	60	Max WS	TR200_04	26.15	691.00	693.79	692.89	694.11	0.005916	2.56	11.59	16.83	0.51
Fondataio	Fondataio	60	Max WS	TR200_06	20.42	691.00	693.56		693.82	0.005149	2.26	9.40	5.39	0.47
Fondataio	Fondataio	59	Max WS	TR30_01	27.88	690.90	693.79	692.83	694.11	0.005803	2.58	12.50	16.50	0.50
Fondataio	Fondataio	59	Max WS	TR30_02	25.71	690.90	693.74	692.73	694.04	0.005384	2.46	11.72	14.62	0.48
Fondataio	Fondataio	59	Max WS	TR30_03	21.06	690.90	693.51	692.51	693.77	0.005052	2.26	9.65	5.39	0.46
Fondataio	Fondataio	59	Max WS	TR30_04	20.89	690.90	693.38	692.51	693.67	0.005918	2.38	8.96	5.18	0.50
Fondataio	Fondataio	59	Max WS	TR30_06	18.46	690.90	692.94	692.38	693.29	0.008494	2.61	7.08	3.70	0.60
Fondataio	Fondataio	59	Max WS	TR200_01	33.82	690.90	693.91	693.08	694.30	0.006776	2.87	14.66	19.33	0.54
Fondataio	Fondataio	59	Max WS	TR200_02	31.14	690.90	693.87	692.97	694.22	0.006288	2.74	13.80	18.26	0.52
Fondataio	Fondataio	59	Max WS	TR200_03	28.41	690.90	693.80	692.85	694.13	0.005867	2.60	12.74	16.84	0.50
Fondataio	Fondataio	59	Max WS	TR200_04	26.47	690.90	693.76	692.77	694.06	0.005557	2.50	11.95	15.35	0.49
Fondataio	Fondataio	59	Max WS	TR200_06	21.06	690.90	693.52	692.52	693.77	0.005030	2.25	9.67	5.39	0.46
Fondataio	Fondataio	50												
Fondataio	Fondataio				Bridge									
Fondataio	Fondataio	40	Max WS	TR30_01	27.88	690.89	693.01		693.50	0.010262	3.09	9.02	4.94	0.73
Fondataio	Fondataio	40	Max WS	TR30_02	25.71	690.89	692.88		693.36	0.010704	3.07	8.36	4.87	0.75
Fondataio	Fondataio	40	Max WS	TR30_03	21.05	690.89	692.59		693.06	0.011723	3.01	6.99	4.72	0.79
Fondataio	Fondataio	40	Max WS	TR30_04	20.89	690.89	692.54		693.03	0.012718	3.09	6.75	4.69	0.82
Fondataio	Fondataio	40	Max WS	TR30_06	18.46	690.89	692.41		692.87	0.013035	3.02	6.12	4.62	0.84
Fondataio	Fondataio	40	Max WS	TR200_01	33.64	690.89	693.36		693.85	0.009009	3.13	10.88	6.45	0.69
Fondataio	Fondataio	40	Max WS	TR200_02	31.14	690.89	693.21		693.71	0.009516	3.11	10.04	5.53	0.70
Fondataio	Fondataio	40	Max WS	TR200_03	28.41	690.89	693.05		693.54	0.010089	3.09	9.20	4.96	0.72
Fondataio	Fondataio	40	Max WS	TR200_04	26.43	690.89	692.93		693.41	0.010552	3.08	8.58	4.89	0.74
Fondataio	Fondataio	40	Max WS	TR200_06	21.06	690.89	692.60		693.06	0.011668	3.01	7.01	4.72	0.79
Fondataio	Fondataio	39.9			Lat Struct									
Fondataio	Fondataio	36.667*	Max WS	TR30_01	27.96	690.62	692.89		693.34	0.008830	2.96	9.43	5.13	0.70
Fondataio	Fondataio	36.667*	Max WS	TR30_02	25.76	690.62	692.75		693.20	0.009238	2.95	8.73	5.03	0.72
Fondataio	Fondataio	36.667*	Max WS	TR30_03	21.10	690.62	692.45		692.88	0.010247	2.91	7.25	4.83	0.76
Fondataio	Fondataio	36.667*	Max WS	TR30_04	20.92	690.62	692.39		692.85	0.011299	3.01	6.95	4.79	0.80
Fondataio	Fondataio	36.667*	Max WS	TR30_06	18.49	690.62	692.25		692.69	0.011561	2.94	6.30	4.69	0.81
Fondataio	Fondataio	36.667*	Max WS	TR200_01	33.80	690.62	693.24		693.69	0.007574	2.99	11.60	7.19	0.66
Fondataio	Fondataio	36.667*	Max WS	TR200_02	31.29	690.62	693.09		693.55	0.008046	2.98	10.62	6.49	0.67
Fondataio	Fondataio	36.667*	Max WS	TR200_03	28.53	690.62	692.93		693.38	0.008629	2.96	9.64	5.40	0.69
Fondataio	Fondataio	36.667*	Max WS	TR200_04	26.49	690.62	692.80		693.24	0.009099	2.96	8.96	5.06	0.71
Fondataio	Fondataio	36.667*	Max WS	TR200_06	21.11	690.62	692.46		692.89	0.010188	2.91	7.27	4.83	0.76
Fondataio	Fondataio	33.333*	Max WS	TR30_01	28.21	690.35	692.79		693.18	0.007468	2.80	10.13	6.25	0.65
Fondataio	Fondataio	33.333*	Max WS	TR30_02	25.79	690.35	692.64		693.03	0.007884	2.77	9.31	5.29	0.67
Fondataio	Fondataio	33.333*	Max WS	TR30_03	21.14	690.35	692.32		692.71	0.008928	2.76	7.67	5.02	0.71
Fondataio	Fondataio	33.333*	Max WS	TR30_04	20.96	690.35	692.24		692.67	0.010141	2.88	7.27	4.95	0.76
Fondataio	Fondataio	33.333*	Max WS	TR30_06	18.51	690.35	692.10		692.51	0.010361	2.81	6.59	4.83	0.77
Fondataio	Fondataio	33.333*	Max WS	TR200_01	36.41	690.35	693.12		693.59	0.007079	3.03	12.34	6.76	0.65
Fondataio	Fondataio	33.333*	Max WS	TR200_02	32.61	690.35	692.99		693.42	0.007079	2.90	11.43	6.56	0.65
Fondataio	Fondataio	33.333*	Max WS	TR200_03	28.98	690.35	692.82		693.23	0.007412	2.82	10.37	6.35	0.65
Fondataio	Fondataio	33.333*	Max WS	TR200_04	26.56	690.35	692.69		693.06	0.007721	2.78	9.57	5.60	0.66
Fondataio	Fondataio	33.333*	Max WS	TR200_06	21.15	690.35	692.33		692.71	0.008857	2.75	7.69	5.02	0.71
Fondataio	Fondataio	30	Max WS	TR30_01	32.77	690.08	692.61		693.11	0.009175	3.13	10.48	5.71	0.73
Fondataio	Fondataio	30	Max WS	TR30_02	29.08	690.08	692.48		692.94	0.008984	2.98	9.75	5.59	0.72
Fondataio	Fondataio	30	Max WS	TR30_03	22.71	690.08	692.20		692.59	0.008797	2.77	8.20	5.27	0.71
Fondataio	Fondataio	30	Max WS	TR30_04	21.26	690.08	692.13		692.50	0.008769	2.72	7.82	5.18	0.71
Fondataio	Fondataio	30	Max WS	TR30_06	18.54	690.08	691.98		692.33	0.008662	2.61	7.10	5.02	0.70
Fondataio	Fondataio	30	Max WS	TR200_01	44.52	690.08	692.97		693.62	0.009958	3.56	12.60	6.06	0.76
Fondataio	Fondataio	30	Max WS	TR200_02	39.35	690.08	692.82		693.40	0.009652	3.39	11.58	5.91	0.75
Fondataio	Fondataio	30	Max WS	TR200_03	33.89	690.08	692.65		693.16	0.009255	3.17	10.69	5.75	0.73
Fondataio	Fondataio	30	Max WS	TR200_04	30.22	690.08	692.53		692.99	0.009017	3.03	9.99	5.63	0.72
Fondataio	Fondataio	30	Max WS	TR200_06	22.76	690.08	692.20		692.59	0.008796	2.77	8.22	5.27	0.71
Fondataio	Fondataio	29	Max WS	TR30_01	32.37	690.28	692.52	691.91	692.83	0.005086	2.44	13.29	7.46	0.58
Fondataio	Fondataio	29	Max WS	TR30_02	29.25	690.28	692.40	691.81	692.69	0.005148	2.36	12.38	7.33	0.58
Fondataio	Fondataio	29	Max WS	TR30_03	22.77	690.28	692.13	691.59	692.37	0.005025	2.19	10.41	6.96	0.57
Fondataio	Fondataio	29	Max WS	TR30_04	21.30	690.28	692.05	691.55	692.29	0.005035	2.15	9.91	6.86	0.57
Fondataio	Fondataio	29	Max WS	TR30_06	18.56	690.28	691.91	691.45	692.13	0.005058	2.07	8.97	6.67	0.57
Fondataio	Fondataio	29	Max WS	TR200_01	40.56	690.28	692.83	692.15	693.17	0.004955	2.61	15.58	7.78	0.58
Fondataio	Fondataio	29	Max WS	TR200_02	37.13	690.28	692.70	692.06	693.03	0.005000	2.54	14.63	7.65	0.58
Fondataio	Fondataio	29	Max WS	TR200_03	33.24	690.28	692.56	691.94	692.87	0.005067	2.46	13.54	7.50	0.58
Fondataio	Fondataio	29	Max WS	TR200_04	30.29	690.28	692.44	691.85	692.73	0.005140	2.39	12.68	7.37	0.58
Fondataio	Fondataio	29	Max WS	TR200_06	22.83	690.28	692.13	691.59	692.37	0.005025	2.19	10.43	6.96	0.57
Fondataio	Fondataio	28.75			Int Struct									
Fondataio	Fondataio	28.5	Max WS	TR30_01	32.37	688.98	691.61		691.87	0.004261	2.26	14.30	7.08	0.51
Fondataio	Fondataio	28.5	Max WS	TR30_02	29.25	688.98	691.43		691.69	0.004468	2.24	13.06	6.90	0.52
Fondataio	Fondataio	28.5	Max WS	TR30_03	22.77	688.98	691.12		691.34	0.004374	2.08	10.97	6.59	0.51
Fondataio	Fondataio	28.5	Max WS	TR30_04	21.30	688.98	691.03		691.24	0.004519	2.06	10.34	6.49	0.52
Fondataio	Fondataio	28.5	Max WS	TR30_06	18.56	688.98	690.83		691.05	0.004910	2.04	9.10	6.29	0.54
Fondataio	Fondataio	28.5	Max WS	TR200_01	40.49	688.98	692.08		692.34	0.003734	2.29	17.70	7.55	0.48
Fondataio	Fondataio	28.5	Max WS	TR200_02	37.13	688.9								

HEC-RAS Profile: Max WS (Continued)

River	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
Fondataio	Fondataio	23	Max WS	TR30_01	34.58	688.03	691.17		691.43	0.004041	2.22	15.59	8.83	0.53
Fondataio	Fondataio	23	Max WS	TR30_02	30.49	688.03	691.01		691.25	0.003991	2.14	14.22	8.34	0.52
Fondataio	Fondataio	23	Max WS	TR30_03	23.73	688.03	690.72		690.93	0.003862	1.99	11.90	7.55	0.51
Fondataio	Fondataio	23	Max WS	TR30_04	21.95	688.03	690.63		690.83	0.003851	1.95	11.23	7.33	0.50
Fondataio	Fondataio	23	Max WS	TR30_06	18.68	688.03	690.45		690.63	0.003894	1.88	9.92	6.92	0.50
Fondataio	Fondataio	23	Max WS	TR200_01	47.16	688.03	691.60		691.90	0.004187	2.40	19.66	10.27	0.55
Fondataio	Fondataio	23	Max WS	TR200_02	42.01	688.03	691.44		691.72	0.004064	2.33	18.02	9.54	0.54
Fondataio	Fondataio	23	Max WS	TR200_03	35.95	688.03	691.23		691.48	0.004051	2.24	16.05	8.98	0.53
Fondataio	Fondataio	23	Max WS	TR200_04	31.77	688.03	691.07		691.31	0.004009	2.17	14.65	8.50	0.53
Fondataio	Fondataio	23	Max WS	TR200_06	23.80	688.03	690.73		690.93	0.003863	2.00	11.92	7.56	0.51
Fondataio	Fondataio	21	Max WS	TR30_01	34.60	688.00	691.22		691.30	0.000767	1.22	28.35	12.44	0.26
Fondataio	Fondataio	21	Max WS	TR30_02	30.52	688.00	691.06		691.13	0.000747	1.16	26.35	12.23	0.25
Fondataio	Fondataio	21	Max WS	TR30_03	23.76	688.00	690.76		690.82	0.000690	1.04	22.78	11.73	0.24
Fondataio	Fondataio	21	Max WS	TR30_04	21.98	688.00	690.67		690.73	0.000673	1.01	21.71	11.56	0.24
Fondataio	Fondataio	21	Max WS	TR30_06	18.71	688.00	690.49		690.53	0.000649	0.96	19.58	11.21	0.23
Fondataio	Fondataio	21	Max WS	TR200_01	47.08	688.00	691.66		691.76	0.000837	1.40	33.85	13.00	0.27
Fondataio	Fondataio	21	Max WS	TR200_02	42.07	688.00	691.49		691.58	0.000808	1.33	31.73	12.79	0.26
Fondataio	Fondataio	21	Max WS	TR200_03	35.99	688.00	691.28		691.36	0.000775	1.24	29.00	12.51	0.26
Fondataio	Fondataio	21	Max WS	TR200_04	31.80	688.00	691.11		691.19	0.000753	1.18	26.99	12.30	0.25
Fondataio	Fondataio	21	Max WS	TR200_06	23.84	688.00	690.77		690.82	0.000690	1.04	22.82	11.74	0.24
Fondataio	Fondataio	20	Max WS	TR30_01	34.61	687.98	691.20	689.60	691.29	0.000884	1.32	26.30	11.33	0.27
Fondataio	Fondataio	20	Max WS	TR30_02	30.54	687.98	691.04	689.48	691.12	0.000849	1.25	24.52	11.06	0.26
Fondataio	Fondataio	20	Max WS	TR30_03	23.78	687.98	690.75	689.29	690.81	0.000782	1.11	21.34	10.58	0.25
Fondataio	Fondataio	20	Max WS	TR30_04	21.99	687.98	690.66	689.23	690.72	0.000758	1.08	20.39	10.44	0.25
Fondataio	Fondataio	20	Max WS	TR30_06	18.72	687.98	690.47	689.12	690.53	0.000722	1.01	18.47	10.17	0.24
Fondataio	Fondataio	20	Max WS	TR200_01	47.10	687.98	691.63	689.89	691.75	0.000995	1.53	31.27	12.04	0.29
Fondataio	Fondataio	20	Max WS	TR200_02	42.09	687.98	691.47	689.78	691.57	0.000952	1.45	29.34	11.77	0.28
Fondataio	Fondataio	20	Max WS	TR200_03	36.01	687.98	691.26	689.64	691.35	0.000938	1.35	26.88	11.42	0.27
Fondataio	Fondataio	20	Max WS	TR200_04	31.82	687.98	691.10	689.52	691.18	0.000960	1.27	25.08	11.15	0.27
Fondataio	Fondataio	20	Max WS	TR200_06	23.85	687.98	690.75	689.29	690.82	0.000783	1.12	21.38	10.58	0.25
Fondataio	Fondataio	15		Bridge										
Fondataio	Fondataio	11	Max WS	TR30_01	34.61	687.89	690.46		690.63	0.002270	1.82	18.99	10.17	0.43
Fondataio	Fondataio	11	Max WS	TR30_02	30.54	687.89	690.34		690.49	0.002195	1.72	17.75	9.99	0.41
Fondataio	Fondataio	11	Max WS	TR30_03	23.78	687.89	690.14		690.26	0.001787	1.50	15.82	9.72	0.38
Fondataio	Fondataio	11	Max WS	TR30_04	21.99	687.89	690.08		690.19	0.001693	1.44	15.26	9.63	0.37
Fondataio	Fondataio	11	Max WS	TR30_06	18.72	687.89	689.97		690.06	0.001522	1.32	14.14	9.47	0.35
Fondataio	Fondataio	11	Max WS	TR200_01	47.10	687.89	690.76		690.99	0.002756	2.13	22.12	10.60	0.47
Fondataio	Fondataio	11	Max WS	TR200_02	42.09	687.89	690.65		690.86	0.002561	2.01	20.94	10.44	0.45
Fondataio	Fondataio	11	Max WS	TR200_03	36.01	687.89	690.50		690.68	0.002322	1.86	19.38	10.22	0.43
Fondataio	Fondataio	11	Max WS	TR200_04	31.76	687.89	690.38		690.54	0.002168	1.75	18.16	10.05	0.42
Fondataio	Fondataio	11	Max WS	TR200_06	23.85	687.89	690.14		690.26	0.001791	1.51	15.84	9.72	0.38
Fondataio	Fondataio	10.500*	Max WS	TR30_01	34.62	687.85	690.44		690.62	0.002328	1.86	18.65	9.98	0.42
Fondataio	Fondataio	10.500*	Max WS	TR30_02	30.55	687.85	690.32		690.48	0.002209	1.75	17.48	9.50	0.41
Fondataio	Fondataio	10.500*	Max WS	TR30_03	23.79	687.85	690.13		690.25	0.001825	1.52	15.69	9.28	0.37
Fondataio	Fondataio	10.500*	Max WS	TR30_04	22.01	687.85	690.08		690.18	0.001721	1.45	15.16	9.22	0.36
Fondataio	Fondataio	10.500*	Max WS	TR30_06	18.73	687.85	689.96		690.05	0.001536	1.33	14.10	9.10	0.34
Fondataio	Fondataio	10.500*	Max WS	TR200_01	47.11	687.85	690.74		690.98	0.002781	2.19	21.76	11.14	0.47
Fondataio	Fondataio	10.500*	Max WS	TR200_02	42.11	687.85	690.63		690.85	0.002602	2.07	20.56	10.71	0.45
Fondataio	Fondataio	10.500*	Max WS	TR200_03	36.02	687.85	690.48		690.67	0.002377	1.90	19.03	10.13	0.43
Fondataio	Fondataio	10.500*	Max WS	TR200_04	31.74	687.85	690.36		690.52	0.002230	1.78	17.86	9.66	0.41
Fondataio	Fondataio	10.500*	Max WS	TR200_06	23.87	687.85	690.14		690.25	0.001830	1.52	15.71	9.28	0.37
Fondataio	Fondataio	10	Max WS	TR30_01	34.63	687.81	690.45		690.60	0.001801	1.73	20.97	11.32	0.36
Fondataio	Fondataio	10	Max WS	TR30_02	30.57	687.81	690.33		690.46	0.001672	1.62	19.61	11.19	0.35
Fondataio	Fondataio	10	Max WS	TR30_03	23.81	687.81	690.14		690.24	0.001362	1.39	17.48	11.00	0.31
Fondataio	Fondataio	10	Max WS	TR30_04	22.02	687.81	690.08		690.17	0.001276	1.33	16.86	10.94	0.30
Fondataio	Fondataio	10	Max WS	TR30_06	18.74	687.81	689.97		690.04	0.001117	1.20	15.66	9.74	0.28
Fondataio	Fondataio	10	Max WS	TR200_01	47.12	687.81	690.75		690.96	0.002246	2.06	24.37	11.63	0.40
Fondataio	Fondataio	10	Max WS	TR200_02	42.13	687.81	690.64		690.82	0.002072	1.93	23.08	11.51	0.39
Fondataio	Fondataio	10	Max WS	TR200_03	36.04	687.81	690.49		690.64	0.001852	1.77	21.39	11.36	0.36
Fondataio	Fondataio	10	Max WS	TR200_04	31.72	687.81	690.37		690.51	0.001695	1.65	20.07	11.24	0.35
Fondataio	Fondataio	10	Max WS	TR200_06	23.88	687.81	690.14		690.24	0.001365	1.40	17.51	11.00	0.31
Fondataio	Fondataio	9.5000*	Max WS	TR30_01	34.63	687.81	690.45		690.59	0.001639	1.66	22.73	13.28	0.34
Fondataio	Fondataio	9.5000*	Max WS	TR30_02	30.56	687.81	690.33		690.45	0.001542	1.57	21.10	13.12	0.33
Fondataio	Fondataio	9.5000*	Max WS	TR30_03	23.81	687.81	690.14		690.23	0.001284	1.36	18.58	12.88	0.30
Fondataio	Fondataio	9.5000*	Max WS	TR30_04	22.02	687.81	690.08		690.16	0.001212	1.30	17.84	12.80	0.29
Fondataio	Fondataio	9.5000*	Max WS	TR30_06	18.74	687.81	689.96		690.03	0.001079	1.19	16.36	12.66	0.28
Fondataio	Fondataio	9.5000*	Max WS	TR200_01	47.12	687.81	690.76		690.94	0.001981	1.94	26.80	13.66	0.38
Fondataio	Fondataio	9.5000*	Max WS	TR200_02	42.13	687.81	690.64		690.80	0.001848	1.84	25.26	13.52	0.37
Fondataio	Fondataio	9.5000*	Max WS	TR200_03	36.04	687.81	690.49		690.63	0.001678	1.70	23.23	13.33	0.35
Fondataio	Fondataio	9.5000*	Max WS	TR200_04	31.76	687.81	690.38		690.50	0.001552	1.59	21.70	13.18	0.33
Fondataio	Fondataio	9.5000*	Max WS	TR200_06	23.88	687.81	690.14		690.23	0.001287	1.37	18.61	12.88	0.30
Fondataio	Fondataio	9	Max WS	TR30_01	34.63	687.81	690.46	689.25	690.57	0.001428	1.56	25.21	15.32	0.32
Fondataio	Fondataio	9	Max WS	TR30_02	30.56	687.81	690.33	689.15	690.44	0.001360	1.48	23.31	15.14	0.31
Fondataio	Fondataio	9	Max WS	TR30_03	23.81	687.81	690.14	688.96	690.22	0.001159	1.30	20.36	14.86	0.29
Fondataio	Fondataio	9	Max WS	TR30_04	22.02	687.81	690.08	688.91	690.15	0.001102	1.25	19.50	14.78	0.28
Fondataio	Fondataio	9	Max WS	TR30_06	18.74	687.81	689.96	688.80	690.03	0.000997	1.15	17.77	14.61	0.27
Fondataio	Fondataio	9	Max WS	TR200_01	47.12	687.81	690.76	689.55	690.91	0.001680	1.80	29.97	15.75	0.35
Fondataio	Fondataio	9	Max WS	TR200_02	42.13	687.81	690.65	689.43	690.78	0.001582	1.71	28.16	15.59	0.34
Fondataio	Fondataio	9	Max WS	TR200_03	36.04	687.81	690.50	689.29	690.61	0.001456	1.59	25.80	15.37	0.33
Fondataio	Fondataio	9	Max WS	TR200_04	31.70	687.81	690.38	689.18	690.49	0.001348	1.49	24.07	15.21	0.31
Fondataio	Fondataio	9	Max WS	TR200_06	23.88	687.81	690.14	688.96	690.22	0.001161	1.31	20.40	14.87	0.29
Fondataio	Fondataio	5		Bridge										
Fondataio	Fondataio	4	Max WS	TR30_01	34.63	687.54	689.73	689.82	690.18	0.011951	3.24	14.07	19.70	0.71
Fondataio	Fondataio	4	Max WS	TR30_02	30.55	687.54</								

HEC-RAS Profile: Max WS

River	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
T. Gricigliana	T. Gricigliana	10	Max WS	TR30_01-Affluenti	9.10	189.41	190.57		190.79	0.006948	2.08	4.37	5.25	0.73
T. Gricigliana	T. Gricigliana	10	Max WS	TR30_02-Affluenti	8.96	189.41	190.55		190.77	0.006995	2.08	4.31	5.23	0.73
T. Gricigliana	T. Gricigliana	10	Max WS	TR30_03-Affluenti	7.94	189.41	190.49		190.69	0.006889	2.00	3.97	5.08	0.72
T. Gricigliana	T. Gricigliana	10	Max WS	TR200_01-Affluenti	18.38	189.41	191.07		191.38	0.007465	2.45	7.51	7.55	0.78
T. Gricigliana	T. Gricigliana	10	Max WS	TR200_02-Affluenti	16.42	189.41	190.99		191.28	0.007426	2.39	6.87	7.12	0.78
T. Gricigliana	T. Gricigliana	10	Max WS	TR200_03-Affluenti	14.16	189.41	190.86		191.14	0.007316	2.36	6.01	6.20	0.76
T. Gricigliana	T. Gricigliana	9	Max WS	TR30_01-Affluenti	9.09	189.46	190.49		190.72	0.008007	2.13	4.26	5.66	0.79
T. Gricigliana	T. Gricigliana	9	Max WS	TR30_02-Affluenti	8.96	189.46	190.47		190.71	0.008147	2.14	4.19	5.63	0.79
T. Gricigliana	T. Gricigliana	9	Max WS	TR30_03-Affluenti	7.94	189.46	190.41		190.63	0.008214	2.07	3.83	5.45	0.79
T. Gricigliana	T. Gricigliana	9	Max WS	TR200_01-Affluenti	18.37	189.46	190.99		191.29	0.007490	2.42	7.60	7.80	0.78
T. Gricigliana	T. Gricigliana	9	Max WS	TR200_02-Affluenti	15.77	189.46	190.91		191.17	0.007216	2.27	6.94	7.68	0.76
T. Gricigliana	T. Gricigliana	9	Max WS	TR200_03-Affluenti	14.16	189.46	190.78		191.06	0.007302	2.36	6.00	6.25	0.77
T. Gricigliana	T. Gricigliana	8.5	Max WS	TR30_01-Affluenti	9.09	189.27	190.44		190.63	0.005903	1.98	4.99	8.13	0.62
T. Gricigliana	T. Gricigliana	8.5	Max WS	TR30_02-Affluenti	8.96	189.27	190.43		190.62	0.006019	1.99	4.88	8.13	0.62
T. Gricigliana	T. Gricigliana	8.5	Max WS	TR30_03-Affluenti	7.94	189.27	190.36		190.55	0.005870	1.90	4.38	7.92	0.61
T. Gricigliana	T. Gricigliana	8.5	Max WS	TR200_01-Affluenti	18.37	189.27	190.94		191.19	0.005454	2.35	9.14	8.32	0.61
T. Gricigliana	T. Gricigliana	8.5	Max WS	TR200_02-Affluenti	15.24	189.27	190.87		191.07	0.004502	2.08	8.53	8.30	0.55
T. Gricigliana	T. Gricigliana	8.5	Max WS	TR200_03-Affluenti	14.16	189.27	190.73		190.96	0.005701	2.22	7.36	8.24	0.62
T. Gricigliana	T. Gricigliana	8.3	Max WS	TR30_01-Affluenti	9.02	189.18	190.42		190.64	0.007199	2.18	4.74	7.35	0.66
T. Gricigliana	T. Gricigliana	8.3	Max WS	TR30_02-Affluenti	8.96	189.18	190.40		190.64	0.007405	2.19	4.65	7.34	0.67
T. Gricigliana	T. Gricigliana	8.3	Max WS	TR30_03-Affluenti	7.94	189.18	190.35		190.56	0.007163	2.10	4.22	7.32	0.65
T. Gricigliana	T. Gricigliana	8.3	Max WS	TR200_01-Affluenti	18.37	189.18	190.90		191.20	0.007206	2.61	8.35	7.51	0.67
T. Gricigliana	T. Gricigliana	8.3	Max WS	TR200_02-Affluenti	15.03	189.18	190.84		191.06	0.005697	2.28	7.65	7.49	0.60
T. Gricigliana	T. Gricigliana	8.3	Max WS	TR200_03-Affluenti	14.16	189.18	190.70		190.97	0.007360	2.47	6.80	7.44	0.67
T. Gricigliana	T. Gricigliana	8	Max WS	TR30_01-Affluenti	8.59	189.08	190.37	190.38	190.63	0.029325	2.40	3.98	7.76	0.63
T. Gricigliana	T. Gricigliana	8	Max WS	TR30_02-Affluenti	8.96	189.08	190.35	190.39	190.66	0.035851	2.61	3.81	7.76	0.70
T. Gricigliana	T. Gricigliana	8	Max WS	TR30_03-Affluenti	7.94	189.08	190.28	190.34	190.60	0.039595	2.63	3.36	6.80	0.73
T. Gricigliana	T. Gricigliana	8	Max WS	TR200_01-Affluenti	18.37	189.08	190.88	190.71	191.16	0.017413	2.46	7.96	7.87	0.56
T. Gricigliana	T. Gricigliana	8	Max WS	TR200_02-Affluenti	14.97	189.08	190.82	190.61	191.03	0.013770	2.13	7.52	7.87	0.49
T. Gricigliana	T. Gricigliana	8	Max WS	TR200_03-Affluenti	14.16	189.08	190.66	190.58	190.93	0.021530	2.46	6.26	7.87	0.59
T. Gricigliana	T. Gricigliana	7	Max WS	TR30_01-Affluenti	8.57	189.04	190.33	190.34	190.60	0.031046	2.47	4.05	7.28	0.64
T. Gricigliana	T. Gricigliana	7	Max WS	TR30_02-Affluenti	8.96	189.04	190.30	190.36	190.63	0.039102	2.72	3.84	7.28	0.72
T. Gricigliana	T. Gricigliana	7	Max WS	TR30_03-Affluenti	7.94	189.04	190.24	190.31	190.58	0.043609	2.74	3.36	7.28	0.76
T. Gricigliana	T. Gricigliana	7	Max WS	TR200_01-Affluenti	18.37	189.04	190.85	190.68	191.15	0.020666	2.64	7.80	7.29	0.57
T. Gricigliana	T. Gricigliana	7	Max WS	TR200_02-Affluenti	14.94	189.04	190.80	190.57	191.02	0.015826	2.28	7.43	7.29	0.50
T. Gricigliana	T. Gricigliana	7	Max WS	TR200_03-Affluenti	14.16	189.04	190.63	190.55	190.92	0.024141	2.58	6.24	7.29	0.60
T. Gricigliana	T. Gricigliana	6	Max WS	TR30_01-Affluenti	8.49	188.77	190.28	189.82	190.37	0.002355	1.34	6.74	9.29	0.42
T. Gricigliana	T. Gricigliana	6	Max WS	TR30_02-Affluenti	8.96	188.77	190.23	189.85	190.35	0.003139	1.49	6.27	9.08	0.48
T. Gricigliana	T. Gricigliana	6	Max WS	TR30_03-Affluenti	7.94	188.77	190.15	189.80	190.26	0.003297	1.45	5.58	7.98	0.48
T. Gricigliana	T. Gricigliana	6	Max WS	TR200_01-Affluenti	18.37	188.77	190.84	190.28	190.99	0.002277	1.75	11.92	9.29	0.44
T. Gricigliana	T. Gricigliana	6	Max WS	TR200_02-Affluenti	14.79	188.77	190.81	190.10	190.91	0.001570	1.44	11.67	9.29	0.37
T. Gricigliana	T. Gricigliana	6	Max WS	TR200_03-Affluenti	14.16	188.77	190.60	190.07	190.73	0.002443	1.63	9.70	9.29	0.45
T. Gricigliana	T. Gricigliana	5	Max WS	TR30_01-Affluenti	9.20	189.12	190.09		190.28	0.006478	1.95	4.72	5.61	0.68
T. Gricigliana	T. Gricigliana	5	Max WS	TR30_02-Affluenti	8.96	189.12	190.07		190.26	0.006459	1.93	4.64	5.60	0.68
T. Gricigliana	T. Gricigliana	5	Max WS	TR30_03-Affluenti	7.94	189.12	190.01		190.18	0.006477	1.86	4.28	5.57	0.68
T. Gricigliana	T. Gricigliana	5	Max WS	TR200_01-Affluenti	18.37	189.12	190.51		190.83	0.007010	2.52	7.71	8.03	0.72
T. Gricigliana	T. Gricigliana	5	Max WS	TR200_02-Affluenti	16.42	189.12	190.42		190.72	0.007216	2.45	6.99	8.02	0.73
T. Gricigliana	T. Gricigliana	5	Max WS	TR200_03-Affluenti	14.16	189.12	190.30		190.59	0.007731	2.39	6.02	8.02	0.75
T. Gricigliana	T. Gricigliana	4	Max WS	TR30_01-Affluenti	9.18	189.12	190.08	189.89	190.28	0.006581	1.96	4.69	5.60	0.68
T. Gricigliana	T. Gricigliana	4	Max WS	TR30_02-Affluenti	8.96	189.12	190.07	189.88	190.26	0.006560	1.94	4.62	5.60	0.68
T. Gricigliana	T. Gricigliana	4	Max WS	TR30_03-Affluenti	7.94	189.12	190.00	189.83	190.18	0.006595	1.87	4.25	5.57	0.68
T. Gricigliana	T. Gricigliana	4	Max WS	TR200_01-Affluenti	18.37	189.12	190.51	190.31	190.83	0.007086	2.53	7.68	8.03	0.72
T. Gricigliana	T. Gricigliana	4	Max WS	TR200_02-Affluenti	16.42	189.12	190.42	190.20	190.72	0.007299	2.46	6.96	8.02	0.73
T. Gricigliana	T. Gricigliana	4	Max WS	TR200_03-Affluenti	14.16	189.12	190.29	190.11	190.59	0.007835	2.40	5.99	8.02	0.75
T. Gricigliana	T. Gricigliana	3	Max WS	TR30_01-Affluenti	9.16	187.07	187.66	187.84	188.31	0.036626	3.58	2.56	4.34	1.49
T. Gricigliana	T. Gricigliana	3	Max WS	TR30_02-Affluenti	8.96	187.07	187.65	187.82	188.29	0.036525	3.55	2.52	4.34	1.49
T. Gricigliana	T. Gricigliana	3	Max WS	TR30_03-Affluenti	7.94	187.07	187.61	187.77	188.20	0.036388	3.40	2.33	4.34	1.48
T. Gricigliana	T. Gricigliana	3	Max WS	TR200_01-Affluenti	18.37	187.07	188.00	188.29	189.06	0.037796	4.56	4.03	4.35	1.51
T. Gricigliana	T. Gricigliana	3	Max WS	TR200_02-Affluenti	16.42	187.07	187.93	188.20	188.91	0.037510	4.39	3.74	4.35	1.51
T. Gricigliana	T. Gricigliana	3	Max WS	TR200_03-Affluenti	14.16	187.07	187.85	188.09	188.74	0.037197	4.17	3.40	4.34	1.51
T. Gricigliana	T. Gricigliana	2	Max WS	TR30_01-Affluenti	9.15	186.67	187.20	187.44	188.00	0.050076	3.97	2.31	4.34	1.74
T. Gricigliana	T. Gricigliana	2	Max WS	TR30_02-Affluenti	8.96	186.67	187.19	187.42	187.98	0.050125	3.94	2.27	4.34	1.74
T. Gricigliana	T. Gricigliana	2	Max WS	TR30_03-Affluenti	7.94	186.67	187.15	187.37	187.88	0.050111	3.77	2.10	4.34	1.73
T. Gricigliana	T. Gricigliana	2	Max WS	TR200_01-Affluenti	18.37	186.67	187.51	187.89	188.80	0.050084	5.02	3.66	4.34	1.75
T. Gricigliana	T. Gricigliana	2	Max WS	TR200_02-Affluenti	16.42	186.67	187.45	187.80	188.64	0.050074	4.84	3.39	4.34	1.75
T. Gricigliana	T. Gricigliana	2	Max WS	TR200_03-Affluenti	14.16	186.67	187.38	187.69	188.46	0.050114	4.61	3.07	4.34	1.75
Stroscione	Stroscione	4	Max WS	TR30_01-Migliana	6.66	213.14	213.75	214.10	215.09	0.121961	5.12	1.30	3.73	2.77
Stroscione	Stroscione	4	Max WS	TR30_02-Migliana	5.88	213.14	213.72	214.04	214.96	0.122315	4.92	1.20	3.65	2.75
Stroscione	Stroscione	4	Max WS	TR30_03-Migliana	5.03	213.14	213.69	213.98	214.81	0.122394	4.68	1.08	3.57	2.72
Stroscione	Stroscione	4	Max WS	TR200_01-Migliana	12.42	213.14	213.93	214.43	215.90	0.121475	6.23	1.99	4.17	2.88
Stroscione	Stroscione	4	Max WS	TR200_02-Migliana	10.25	213.14	213.87	214.32	215.62	0.121526	5.87	1.75	4.02	2.84
Stroscione	Stroscione	4	Max WS	TR200_03-Migliana	8.51	213.14	213.82	214.22	215.38	0.121840	5.54	1.54	3.88	2.81
Stroscione	Stroscione	3	Max WS	TR30_01-Migliana	6.65	209.40	209.86	210.23	211.37	0.143738	5.44	1.22	3.51	2.94
Stroscione	Stroscione	3	Max WS	TR30_02-Migliana	5.88	209.40	209.83	210.18	211.24	0.144855	5.26	1.12	3.42	2.94
Stroscione	Stroscione	3	Max WS	TR30_03-Migliana	5.03	209.40	209.80	210.12	211.08	0.144997	5.01	1.00	3.32	2.91
Stroscione	Stroscione	3	Max WS	TR200_01-Migliana	12.42	209.40	210.04	210.56	212.20	0.142538	6.51	1.91	4.05	3.03
Stroscione	Stroscione	3	Max WS	TR200_02-Migliana	10.25	209.40	209.99	210.44	211.90	0.140183	6.13	1.67	3.87	2.98
Stroscione	Stroscione	3	Max WS	TR200_03-Migliana	8.51	209.40	209.93	210.34	211.65	0.140668	5.81	1.46	3.71	2.95
Stroscione	Stroscione	2	Max WS	TR30_01-Migliana	6.65	204.76	205.54	205.82	206.41	0.050211	4.13	1.61	2.95	1.79
Stroscione														

HEC-RAS Profile: Max WS (Continued)

River	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
Stroscione	Stroscione	1.19	Max WS	TR30_01-Migliana	6.65	203.98	205.09	204.85	205.31	0.007707	2.09	3.19	3.41	0.69
Stroscione	Stroscione	1.19	Max WS	TR30_02-Migliana	5.88	203.98	205.00	204.79	205.21	0.007711	2.02	2.92	3.33	0.69
Stroscione	Stroscione	1.19	Max WS	TR30_03-Migliana	5.03	203.98	204.91	204.71	205.10	0.007712	1.93	2.61	3.24	0.69
Stroscione	Stroscione	1.19	Max WS	TR200_01-Migliana	12.42	203.98	205.59	205.27	205.90	0.007722	2.46	5.04	3.89	0.69
Stroscione	Stroscione	1.19	Max WS	TR200_02-Migliana	10.25	203.98	205.42	205.12	205.70	0.007717	2.34	4.37	3.73	0.69
Stroscione	Stroscione	1.19	Max WS	TR200_03-Migliana	8.51	203.98	205.26	205.00	205.52	0.007709	2.23	3.81	3.58	0.69
Stroscione	Stroscione	1.1	Max WS	TR30_01-Migliana	6.65	201.94	202.39	202.68	203.37	0.075786	4.39	1.52	3.53	2.14
Stroscione	Stroscione	1.1	Max WS	TR30_02-Migliana	5.88	201.94	202.35	202.62	203.28	0.079158	4.27	1.38	3.50	2.17
Stroscione	Stroscione	1.1	Max WS	TR30_03-Migliana	5.03	201.94	202.31	202.55	203.17	0.094049	4.12	1.22	3.47	2.22
Stroscione	Stroscione	1.1	Max WS	TR200_01-Migliana	12.41	201.94	202.69	203.04	203.84	0.051430	4.73	2.62	3.75	1.81
Stroscione	Stroscione	1.1	Max WS	TR200_02-Migliana	10.25	201.94	202.58	202.91	203.69	0.058640	4.65	2.20	3.67	1.92
Stroscione	Stroscione	1.1	Max WS	TR200_03-Migliana	8.51	201.94	202.48	202.80	203.57	0.068753	4.62	1.84	3.59	2.06
Stroscione	Stroscione	1	Max WS	TR30_01-Migliana	6.65	201.18	201.79	202.14	202.98	0.082359	4.85	1.37	2.90	2.25
Stroscione	Stroscione	1	Max WS	TR30_02-Migliana	5.88	201.18	201.74	202.07	202.88	0.085997	4.74	1.24	2.86	2.29
Stroscione	Stroscione	1	Max WS	TR30_03-Migliana	5.03	201.18	201.69	202.00	202.75	0.089408	4.57	1.10	2.81	2.33
Stroscione	Stroscione	1	Max WS	TR200_01-Migliana	12.40	201.18	202.33	202.54	203.15	0.028649	3.99	3.11	3.43	1.34
Stroscione	Stroscione	1	Max WS	TR200_02-Migliana	10.24	201.18	202.19	202.40	202.97	0.031366	3.91	2.62	3.29	1.40
Stroscione	Stroscione	1	Max WS	TR200_03-Migliana	8.49	201.18	202.09	202.28	202.90	0.043928	4.19	2.03	3.11	1.66
Stroscione	Stroscione	0.4	Max WS	TR30_01-Migliana	6.52	199.94	200.91	200.89	201.29	0.015580	2.70	2.42	3.05	0.97
Stroscione	Stroscione	0.4	Max WS	TR30_02-Migliana	5.75	199.94	200.85	200.83	201.19	0.015495	2.60	2.21	3.00	0.97
Stroscione	Stroscione	0.4	Max WS	TR30_03-Migliana	4.92	199.94	200.77	200.75	201.08	0.015362	2.48	1.98	2.95	0.96
Stroscione	Stroscione	0.4	Max WS	TR200_01-Migliana	10.67	199.94	202.04	202.04	202.19	0.003146	1.68	6.34	3.89	0.42
Stroscione	Stroscione	0.4	Max WS	TR200_02-Migliana	9.83	199.94	201.90	201.90	202.04	0.003408	1.70	5.77	3.78	0.44
Stroscione	Stroscione	0.4	Max WS	TR200_03-Migliana	8.43	199.94	201.58	201.58	201.75	0.004493	1.82	4.62	3.55	0.51
Scalati	Scalati	69	Max WS	TR30_01-Affluenti	8.21	163.14	164.46	164.52	164.91	0.016702	3.04	2.89	4.28	1.00
Scalati	Scalati	69	Max WS	TR30_02-Affluenti	6.88	163.14	164.38	164.39	164.77	0.015202	2.79	2.59	3.93	0.94
Scalati	Scalati	69	Max WS	TR30_03-Affluenti	5.74	163.14	164.30	164.27	164.64	0.014555	2.60	2.26	3.53	0.91
Scalati	Scalati	69	Max WS	TR200_01-Affluenti	14.86	163.14	164.85	164.96	165.41	0.016037	3.50	4.91	6.08	1.01
Scalati	Scalati	69	Max WS	TR200_02-Affluenti	11.79	163.14	164.73	164.77	165.20	0.014052	3.14	4.26	5.56	0.94
Scalati	Scalati	69	Max WS	TR200_03-Affluenti	9.52	163.14	164.53	164.63	165.04	0.017263	3.20	3.23	4.63	1.02
Scalati	Scalati	68	Max WS	TR30_01-Affluenti	8.21	162.70	164.30	164.30	164.39	0.002215	1.35	6.78	11.00	0.43
Scalati	Scalati	68	Max WS	TR30_02-Affluenti	6.88	162.70	164.25	164.25	164.32	0.001878	1.20	6.27	10.14	0.40
Scalati	Scalati	68	Max WS	TR30_03-Affluenti	5.74	162.70	164.19	164.19	164.24	0.001706	1.09	5.64	8.98	0.37
Scalati	Scalati	68	Max WS	TR200_01-Affluenti	14.71	162.70	164.68	164.79	165.19	0.001910	1.56	12.19	17.17	0.43
Scalati	Scalati	68	Max WS	TR200_02-Affluenti	11.79	162.70	164.61	164.61	164.69	0.001538	1.35	11.01	16.06	0.38
Scalati	Scalati	68	Max WS	TR200_03-Affluenti	9.52	162.70	164.36	164.36	164.47	0.002333	1.44	7.54	12.15	0.45
Scalati	Scalati	67	Max WS	TR30_01-Affluenti	8.21	162.52	164.30	164.30	164.37	0.001390	1.26	7.96	11.85	0.35
Scalati	Scalati	67	Max WS	TR30_02-Affluenti	6.88	162.52	164.25	164.25	164.31	0.001132	1.11	7.41	11.05	0.31
Scalati	Scalati	67	Max WS	TR30_03-Affluenti	5.74	162.52	164.19	164.19	164.23	0.000968	0.99	6.73	9.91	0.29
Scalati	Scalati	67	Max WS	TR200_01-Affluenti	14.68	162.52	164.68	164.78	165.18	0.001456	1.53	13.80	18.75	0.37
Scalati	Scalati	67	Max WS	TR200_02-Affluenti	11.79	162.52	164.61	164.61	164.68	0.001149	1.32	12.52	17.55	0.33
Scalati	Scalati	67	Max WS	TR200_03-Affluenti	9.48	162.52	164.37	164.37	164.45	0.001503	1.35	8.79	12.74	0.37
Scalati	Scalati	66.3	Max WS	TR30_01-Affluenti	8.21	162.26	163.67	163.67	163.86	0.005293	1.95	4.48	6.31	0.64
Scalati	Scalati	66.3	Max WS	TR30_02-Affluenti	6.88	162.26	163.58	163.58	163.75	0.004990	1.81	3.97	5.78	0.62
Scalati	Scalati	66.3	Max WS	TR30_03-Affluenti	5.74	162.26	163.49	163.49	163.64	0.004845	1.69	3.48	5.23	0.60
Scalati	Scalati	66.3	Max WS	TR200_01-Affluenti	16.91	162.26	164.02	163.98	164.31	0.007245	2.50	8.27	14.86	0.78
Scalati	Scalati	66.3	Max WS	TR200_02-Affluenti	11.79	162.26	163.83	163.69	164.08	0.007664	2.25	5.81	10.97	0.78
Scalati	Scalati	66.3	Max WS	TR200_03-Affluenti	9.52	162.26	163.74	163.69	163.95	0.006535	2.07	4.95	7.45	0.71
Scalati	Scalati	66.2	Max WS	TR30_01-Affluenti	8.21	162.26	163.66	163.44	163.84	0.005088	1.91	4.88	8.31	0.63
Scalati	Scalati	66.2	Max WS	TR30_02-Affluenti	6.88	162.26	163.58	163.33	163.74	0.004929	1.79	4.21	7.56	0.61
Scalati	Scalati	66.2	Max WS	TR30_03-Affluenti	5.74	162.26	163.49	163.23	163.63	0.004883	1.69	3.58	6.53	0.60
Scalati	Scalati	66.2	Max WS	TR200_01-Affluenti	16.45	162.26	164.00	163.91	164.23	0.006467	2.28	9.09	16.15	0.74
Scalati	Scalati	66.2	Max WS	TR200_02-Affluenti	11.79	162.26	163.82	163.71	164.03	0.007714	2.16	6.35	11.78	0.78
Scalati	Scalati	66.2	Max WS	TR200_03-Affluenti	9.50	162.26	163.73	163.54	163.92	0.005689	2.02	5.44	9.15	0.67
Scalati	Scalati	66	Max WS	TR30_01-Affluenti	8.21	161.05	162.09	162.09	162.33	0.007951	2.16	3.80	3.93	0.70
Scalati	Scalati	66	Max WS	TR30_02-Affluenti	6.88	161.05	161.99	161.99	162.20	0.007619	2.02	3.41	3.90	0.69
Scalati	Scalati	66	Max WS	TR30_03-Affluenti	5.74	161.05	161.89	161.89	162.08	0.007501	1.90	3.03	3.87	0.68
Scalati	Scalati	66	Max WS	TR200_01-Affluenti	16.42	161.05	162.57	162.57	162.99	0.010126	2.87	5.71	4.07	0.77
Scalati	Scalati	66	Max WS	TR200_02-Affluenti	11.79	161.05	162.33	162.33	162.64	0.008676	2.48	4.76	4.00	0.73
Scalati	Scalati	66	Max WS	TR200_03-Affluenti	9.53	161.05	162.18	162.18	162.45	0.008317	2.29	4.15	3.95	0.71
Scalati	Scalati	65	Max WS	TR30_01-Affluenti	8.21	160.84	162.05	162.05	162.29	0.006750	2.24	4.07	4.26	0.67
Scalati	Scalati	65	Max WS	TR30_02-Affluenti	6.88	160.84	161.96	161.96	162.16	0.006272	2.07	3.66	4.14	0.65
Scalati	Scalati	65	Max WS	TR30_03-Affluenti	5.74	160.84	161.86	161.86	162.04	0.005935	1.92	3.27	4.01	0.63
Scalati	Scalati	65	Max WS	TR200_01-Affluenti	16.30	160.84	162.51	162.51	162.93	0.009012	3.02	6.16	4.86	0.76
Scalati	Scalati	65	Max WS	TR200_02-Affluenti	11.79	160.84	162.29	162.29	162.60	0.007657	2.61	5.10	4.57	0.71
Scalati	Scalati	65	Max WS	TR200_03-Affluenti	9.52	160.84	162.14	162.14	162.41	0.007205	2.40	4.44	4.37	0.69
Scalati	Scalati	64.2	Max WS	TR30_01-Affluenti	8.21	160.83	162.03	161.78	162.21	0.004625	2.01	4.88	7.28	0.61
Scalati	Scalati	64.2	Max WS	TR30_02-Affluenti	6.88	160.83	161.93	161.68	162.10	0.004579	1.88	4.23	6.59	0.60
Scalati	Scalati	64.2	Max WS	TR30_03-Affluenti	5.74	160.83	161.84	161.59	161.99	0.004624	1.77	3.63	5.89	0.59
Scalati	Scalati	64.2	Max WS	TR200_01-Affluenti	15.93	160.83	162.42	162.23	162.70	0.004998	2.56	8.37	10.40	0.67
Scalati	Scalati	64.2	Max WS	TR200_02-Affluenti	11.79	160.83	162.24	162.02	162.47	0.004681	2.27	6.63	8.97	0.63
Scalati	Scalati	64.2	Max WS	TR200_03-Affluenti	9.52	160.83	162.11	161.87	162.31	0.004657	2.12	5.52	7.93	0.62
Scalati	Scalati	64	Max WS	TR30_01-Affluenti	8.21	160.05	161.05	161.01	161.40	0.011452	2.69	3.26	4.18	0.92
Scalati	Scalati	64	Max WS	TR30_02-Affluenti	6.88	160.05	160.95	160.92	161.27	0.011818	2.57	2.85	4.06	0.93
Scalati	Scalati	64	Max WS	TR30_03-Affluenti	5.74	160.05	160.84	160.83	161.15	0.013191	2.50	2.42	3.94	0.97
Scalati	Scalati	64	Max WS	TR200_01-Affluenti	15.93	160.05	161.51	161.46	162.03	0.011344	3.31	5.32	4.72	0.92
Scalati	Scalati	64	Max WS	TR200_02-Affluenti	11.79	160.05	161.29	161.29	161.72	0.010873	2.97	4.32	4.46	0.90
Scalati	Scalati	64	Max WS	TR200_03-Affluenti	9.52	160.05	161.13	161.09	161.52	0.011458	2.83	3.63	4.28	0.92
Scalati	Scalati	63.2	Max WS	TR30_01-Affluenti	8.21	159.70	160.97	160.71	161					

HEC-RAS Profile: Max WS (Continued)

River	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
Scalai	Scalai	62	Max WS	TR200_03-Affluent	9.52	159.10	160.72		160.98	0.007182	2.30	4.58	5.10	0.60
Scalai	Scalai	61	Max WS	TR30_01-Affluent	8.21	159.21	160.57	160.32	160.80	0.006579	2.21	4.35	5.90	0.62
Scalai	Scalai	61	Max WS	TR30_02-Affluent	6.88	159.21	160.46	160.22	160.67	0.006532	2.08	3.76	5.11	0.61
Scalai	Scalai	61	Max WS	TR30_03-Affluent	5.74	159.21	160.36	160.12	160.54	0.006487	1.95	3.26	4.34	0.59
Scalai	Scalai	61	Max WS	TR200_01-Affluent	15.04	159.21	161.00	160.81	161.28	0.006361	2.62	7.57	8.85	0.63
Scalai	Scalai	61	Max WS	TR200_02-Affluent	11.79	159.21	160.81	160.60	161.08	0.006571	2.47	6.02	7.84	0.63
Scalai	Scalai	61	Max WS	TR200_03-Affluent	9.52	159.21	160.66	160.42	160.91	0.006624	2.32	4.95	6.69	0.63
Scalai	Scalai	60.8	Max WS	TR30_01-Affluent	8.21	158.66	159.82	159.80	160.32	0.021236	3.15	2.61	2.46	0.98
Scalai	Scalai	60.8	Max WS	TR30_02-Affluent	6.88	158.66	159.69	159.68	160.15	0.021248	3.01	2.29	2.44	0.99
Scalai	Scalai	60.8	Max WS	TR30_03-Affluent	5.74	158.66	159.57	159.57	159.99	0.021546	2.87	2.00	2.43	1.01
Scalai	Scalai	60.8	Max WS	TR200_01-Affluent	15.06	158.66	160.12	160.41	161.11	0.032629	4.42	3.55	3.74	1.21
Scalai	Scalai	60.8	Max WS	TR200_02-Affluent	11.79	158.66	160.05	160.17	160.74	0.023987	3.69	3.28	3.47	1.04
Scalai	Scalai	60.8	Max WS	TR200_03-Affluent	9.52	158.66	159.92	159.92	160.49	0.021925	3.34	2.86	2.83	0.99
Scalai	Scalai	60	Max WS	TR30_01-Affluent	8.21	158.17	159.64		159.91	0.008532	2.30	3.57	2.90	0.65
Scalai	Scalai	60	Max WS	TR30_02-Affluent	6.88	158.17	159.52		159.75	0.007967	2.14	3.22	2.80	0.64
Scalai	Scalai	60	Max WS	TR30_03-Affluent	5.74	158.17	159.40		159.60	0.007387	1.98	2.89	2.77	0.62
Scalai	Scalai	60	Max WS	TR200_01-Affluent	14.22	158.17	159.88	159.77	160.45	0.015231	3.34	4.33	3.51	0.87
Scalai	Scalai	60	Max WS	TR200_02-Affluent	11.79	158.17	159.85		160.26	0.011163	2.83	4.22	3.43	0.75
Scalai	Scalai	60	Max WS	TR200_03-Affluent	9.52	158.17	159.73		160.05	0.009341	2.49	3.84	3.13	0.68
Scalai	Scalai	59	Max WS	TR30_01-Affluent	8.21	158.29	159.60	159.24	159.79	0.006320	1.93	4.25	4.25	0.62
Scalai	Scalai	59	Max WS	TR30_02-Affluent	6.88	158.29	159.47	159.12	159.64	0.006513	1.86	3.70	4.10	0.62
Scalai	Scalai	59	Max WS	TR30_03-Affluent	5.74	158.29	159.35	159.03	159.51	0.006299	1.78	3.23	3.72	0.61
Scalai	Scalai	59	Max WS	TR200_01-Affluent	12.60	158.29	159.74	159.56	160.08	0.010096	2.58	4.88	4.42	0.78
Scalai	Scalai	59	Max WS	TR200_02-Affluent	11.79	158.29	159.74	159.51	160.04	0.008988	2.43	4.85	4.41	0.74
Scalai	Scalai	59	Max WS	TR200_03-Affluent	9.52	158.29	159.67	159.35	159.89	0.006921	2.08	4.57	4.34	0.65
Scalai	Scalai	58.8	Max WS	TR30_01-Affluent	8.21	156.72	157.65	157.72	158.21	0.024754	3.33	2.47	2.78	1.13
Scalai	Scalai	58.8	Max WS	TR30_02-Affluent	6.88	156.72	157.56	157.61	158.05	0.023704	3.11	2.21	2.77	1.11
Scalai	Scalai	58.8	Max WS	TR30_03-Affluent	5.74	156.72	157.47	157.51	157.90	0.022822	2.91	1.97	2.76	1.10
Scalai	Scalai	58.8	Max WS	TR200_01-Affluent	14.97	156.72	158.04	158.20	158.94	0.029840	4.19	3.57	2.84	1.19
Scalai	Scalai	58.8	Max WS	TR200_02-Affluent	11.79	156.72	157.87	157.99	158.62	0.027818	3.83	3.07	2.81	1.17
Scalai	Scalai	58.8	Max WS	TR200_03-Affluent	9.52	156.72	157.73	157.82	158.37	0.025833	3.52	2.70	2.79	1.14
Scalai	Scalai	58	Max WS	TR30_01-Affluent	8.21	156.05	156.87	157.05	157.54	0.032925	3.63	2.26	3.28	1.40
Scalai	Scalai	58	Max WS	TR30_02-Affluent	6.88	156.05	156.77	156.95	157.42	0.037232	3.59	1.92	3.21	1.48
Scalai	Scalai	58	Max WS	TR30_03-Affluent	5.74	156.05	156.67	156.86	157.32	0.043057	3.56	1.61	3.14	1.59
Scalai	Scalai	58	Max WS	TR200_01-Affluent	14.95	156.05	157.24	157.48	158.16	0.031511	4.26	3.51	3.54	1.37
Scalai	Scalai	58	Max WS	TR200_02-Affluent	11.78	156.05	156.98	157.29	158.02	0.045096	4.52	2.61	3.36	1.64
Scalai	Scalai	58	Max WS	TR200_03-Affluent	9.29	156.05	156.93	157.12	157.67	0.033956	3.81	2.44	3.32	1.42
Scalai	Scalai	57.1	Max WS	TR30_01-Affluent	8.21	155.31	156.62		156.85	0.007895	2.15	3.82	4.39	0.74
Scalai	Scalai	57.1	Max WS	TR30_02-Affluent	6.88	155.31	156.50		156.72	0.008294	2.08	3.31	4.24	0.75
Scalai	Scalai	57.1	Max WS	TR30_03-Affluent	5.74	155.31	156.39		156.59	0.008303	2.01	2.86	3.83	0.74
Scalai	Scalai	57.1	Max WS	TR200_01-Affluent	14.91	155.31	156.95		157.35	0.010260	2.80	5.33	4.75	0.84
Scalai	Scalai	57.1	Max WS	TR200_02-Affluent	9.21	155.31	156.66		156.93	0.008800	2.31	3.99	4.43	0.78
Scalai	Scalai	57.1	Max WS	TR200_03-Affluent	9.15	155.31	156.65		156.92	0.008747	2.30	3.98	4.43	0.77
Scalai	Scalai	57	Max WS	TR30_01-Affluent	8.21	155.30	156.62		156.85	0.007772	2.14	3.84	4.39	0.73
Scalai	Scalai	57	Max WS	TR30_02-Affluent	6.88	155.30	156.50		156.72	0.008138	2.06	3.33	4.23	0.74
Scalai	Scalai	57	Max WS	TR30_03-Affluent	5.74	155.30	156.39		156.59	0.008118	1.99	2.88	3.82	0.73
Scalai	Scalai	57	Max WS	TR200_01-Affluent	14.91	155.30	156.95		157.34	0.010176	2.79	5.35	4.75	0.84
Scalai	Scalai	57	Max WS	TR200_02-Affluent	9.21	155.30	156.65		156.92	0.008680	2.30	4.01	4.43	0.77
Scalai	Scalai	57	Max WS	TR200_03-Affluent	9.15	155.30	156.65		156.92	0.008628	2.29	4.00	4.43	0.77
Scalai	Scalai	56	Max WS	TR30_01-Affluent	8.21	155.29	156.56	156.23	156.74	0.005463	1.86	4.41	4.51	0.60
Scalai	Scalai	56	Max WS	TR30_02-Affluent	6.88	155.29	156.44	156.13	156.60	0.005405	1.77	3.88	4.27	0.59
Scalai	Scalai	56	Max WS	TR30_03-Affluent	5.74	155.29	156.33	156.04	156.47	0.005329	1.68	3.41	4.06	0.59
Scalai	Scalai	56	Max WS	TR200_01-Affluent	14.86	155.29	156.81	156.63	157.04	0.006642	2.25	7.70	8.57	0.67
Scalai	Scalai	56	Max WS	TR200_02-Affluent	8.85	155.29	156.59	156.27	156.78	0.005997	1.96	4.51	4.55	0.63
Scalai	Scalai	56	Max WS	TR200_03-Affluent	8.76	155.29	156.59	156.26	156.78	0.005874	1.94	4.51	4.55	0.62
Scalai	Scalai	55.8	Max WS	TR30_01-Affluent	8.21	154.84	156.00		156.25	0.008068	2.19	3.74	3.80	0.71
Scalai	Scalai	55.8	Max WS	TR30_02-Affluent	6.88	154.84	155.89		156.11	0.007965	2.08	3.31	3.70	0.70
Scalai	Scalai	55.8	Max WS	TR30_03-Affluent	5.74	154.84	155.78		155.98	0.007861	1.96	2.92	3.60	0.70
Scalai	Scalai	55.8	Max WS	TR200_01-Affluent	14.29	154.84	156.40		156.77	0.009298	2.68	5.33	4.19	0.76
Scalai	Scalai	55.8	Max WS	TR200_02-Affluent	12.15	154.84	156.29		156.61	0.008534	2.49	4.87	4.06	0.73
Scalai	Scalai	55.8	Max WS	TR200_03-Affluent	11.16	154.84	156.22		156.52	0.008518	2.43	4.58	3.99	0.73
Scalai	Scalai	55	Max WS	TR30_01-Affluent	8.21	154.74	156.00	155.68	156.17	0.004709	1.79	4.58	4.68	0.58
Scalai	Scalai	55	Max WS	TR30_02-Affluent	6.88	154.74	155.89	155.60	156.03	0.004732	1.70	4.04	4.60	0.58
Scalai	Scalai	55	Max WS	TR30_03-Affluent	5.74	154.74	155.78	155.53	155.91	0.004772	1.61	3.56	4.52	0.58
Scalai	Scalai	55	Max WS	TR200_01-Affluent	13.82	154.74	156.29	155.99	156.63	0.005071	2.14	6.46	4.97	0.60
Scalai	Scalai	55	Max WS	TR200_02-Affluent	12.04	154.74	156.29	155.89	156.50	0.004855	2.03	5.95	4.90	0.59
Scalai	Scalai	55	Max WS	TR200_03-Affluent	11.06	154.74	156.22	155.84	156.42	0.004812	1.97	5.61	4.84	0.58
Scalai	Scalai	54.8	Max WS	TR30_01-Affluent	8.21	154.01	154.97	155.06	155.51	0.022512	3.24	2.53	3.13	1.15
Scalai	Scalai	54.8	Max WS	TR30_02-Affluent	6.88	154.01	154.86	154.95	155.36	0.023740	3.14	2.19	3.05	1.18
Scalai	Scalai	54.8	Max WS	TR30_03-Affluent	5.74	154.01	154.76	154.85	155.23	0.025131	3.04	1.89	2.98	1.22
Scalai	Scalai	54.8	Max WS	TR200_01-Affluent	15.38	154.01	155.40	155.54	156.11	0.023335	3.74	4.11	4.23	1.21
Scalai	Scalai	54.8	Max WS	TR200_02-Affluent	12.04	154.01	155.22	155.36	155.87	0.023740	3.56	3.38	3.81	1.21
Scalai	Scalai	54.8	Max WS	TR200_03-Affluent	11.06	154.01	155.13	155.31	155.80	0.025673	3.64	3.04	3.47	1.24
Scalai	Scalai	54	Max WS	TR30_01-Affluent	8.21	153.39	154.82		154.90	0.002744	1.25	6.55	8.74	0.46
Scalai	Scalai	54	Max WS	TR30_02-Affluent	6.88	153.39	154.72		154.79	0.002745	1.20	5.73	8.20	0.46
Scalai	Scalai	54	Max WS	TR30_03-Affluent	5.74	153.39	154.63		154.69	0.002735	1.15	4.98	7.53	0.45
Scalai	Scalai	54	Max WS	TR200_01-Affluent	15.09	153.39	155.21		155.31	0.002172	1.42	11.85	15.49	0.43
Scalai	Scalai	54	Max WS	TR200_02-Affluent	11.81	153.39	155.04		155.13	0.002414	1.36	9.31	14.46	0.45
Scalai	Scalai	54	Max WS	TR200_03-Affluent	10.69	153.39	154.92		155.02	0.003200	1.43	7.61	13.51	0.51
Scalai	Scalai	53	Max WS	TR30_01-Affluent	15.92	153.34	154.73		154.98	0.007208	2.32	7.98	12.29	0.79
Scalai	Scalai	53	Max WS	TR30_02-Affluent	13.34	153.34	154.63		154.87	0.007747	2.24			

HEC-RAS Profile: Max WS (Continued)

River	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
Scalai	Scalai	51.8	Max WS	TR200_02-Affluent	22.86	150.37	151.96		152.33	0.008374	2.70	8.48	8.04	0.84
Scalai	Scalai	51.8	Max WS	TR200_03-Affluent	18.69	150.37	151.83		152.15	0.008182	2.51	7.46	7.88	0.82
Scalai	Scalai	51	Max WS	TR30_01-Affluent	15.92	150.59	151.56	151.72	152.18	0.024905	3.47	4.58	7.03	1.37
Scalai	Scalai	51	Max WS	TR30_02-Affluent	13.34	150.59	151.47	151.63	152.05	0.026504	3.35	3.99	6.81	1.40
Scalai	Scalai	51	Max WS	TR30_03-Affluent	11.12	150.59	151.40	151.54	151.92	0.026567	3.19	3.49	6.42	1.38
Scalai	Scalai	51	Max WS	TR200_01-Affluent	28.83	150.59	151.96	152.12	152.69	0.018497	3.80	7.60	8.04	1.24
Scalai	Scalai	51	Max WS	TR200_02-Affluent	22.86	150.59	151.79	151.95	152.47	0.020284	3.64	6.29	7.62	1.28
Scalai	Scalai	51	Max WS	TR200_03-Affluent	18.63	150.59	151.65	151.81	152.30	0.023153	3.57	5.23	7.26	1.34
Scalai	Scalai	50	Max WS	TR30_01-Affluent	15.88	150.13	151.21	151.34	151.78	0.020372	3.35	4.74	6.74	1.28
Scalai	Scalai	50	Max WS	TR30_02-Affluent	13.34	150.13	151.07	151.24	151.69	0.027001	3.51	3.80	6.32	1.44
Scalai	Scalai	50	Max WS	TR30_03-Affluent	11.12	150.13	150.98	151.15	151.56	0.026974	3.37	3.30	5.83	1.43
Scalai	Scalai	50	Max WS	TR200_01-Affluent	28.80	150.13	151.70	151.77	152.31	0.013303	3.47	8.32	8.17	1.08
Scalai	Scalai	50	Max WS	TR200_02-Affluent	22.85	150.13	151.51	151.57	152.07	0.014147	3.32	6.89	7.36	1.09
Scalai	Scalai	50	Max WS	TR200_03-Affluent	18.51	150.13	151.33	151.43	151.89	0.017020	3.31	5.59	6.99	1.18
Scalai	Scalai	49	Max WS	TR30_01-Affluent	15.85	149.52	150.95	150.99	151.44	0.014865	3.09	5.13	6.22	1.04
Scalai	Scalai	49	Max WS	TR30_02-Affluent	13.34	149.52	150.72	150.87	151.33	0.024361	3.48	3.83	5.36	1.31
Scalai	Scalai	49	Max WS	TR30_03-Affluent	11.12	149.52	150.62	150.77	151.19	0.025938	3.35	3.32	5.21	1.34
Scalai	Scalai	49	Max WS	TR200_01-Affluent	28.79	149.52	151.47	151.49	151.91	0.008925	3.11	11.21	14.12	0.86
Scalai	Scalai	49	Max WS	TR200_02-Affluent	22.85	149.52	151.29	151.35	151.74	0.010151	3.05	8.65	13.93	0.90
Scalai	Scalai	49	Max WS	TR200_03-Affluent	18.47	149.52	151.10	151.15	151.57	0.012248	3.06	6.32	9.98	0.97
Scalai	Scalai	48	Max WS	TR30_01-Affluent	15.82	149.28	150.74	150.60	151.07	0.007608	2.58	6.64	9.43	0.78
Scalai	Scalai	48	Max WS	TR30_02-Affluent	13.34	149.28	150.40	150.46	150.91	0.016379	3.16	4.22	5.13	1.11
Scalai	Scalai	48	Max WS	TR30_03-Affluent	11.12	149.28	150.29	150.35	150.76	0.017641	3.06	3.64	5.03	1.15
Scalai	Scalai	48	Max WS	TR200_01-Affluent	28.78	149.28	151.36	151.36	151.68	0.005030	2.65	12.61	9.76	0.66
Scalai	Scalai	48	Max WS	TR200_02-Affluent	22.85	149.28	151.15	151.15	151.44	0.005044	2.48	10.59	9.65	0.65
Scalai	Scalai	48	Max WS	TR200_03-Affluent	18.43	149.28	150.92	150.92	151.22	0.006088	2.49	8.31	9.53	0.70
Scalai	Scalai	47	Max WS	TR30_01-Affluent	15.82	148.86	150.63	150.19	150.86	0.011714	2.12	7.46	1.11	0.51
Scalai	Scalai	47	Max WS	TR30_02-Affluent	13.34	148.86	150.14	150.08	150.51	0.011166	2.69	4.95	5.50	0.91
Scalai	Scalai	47	Max WS	TR30_03-Affluent	11.12	148.86	150.01	149.95	150.36	0.011098	2.61	4.27	5.01	0.90
Scalai	Scalai	47	Max WS	TR200_01-Affluent	28.77	148.86	151.26	150.55	151.57	0.015151	2.49	11.57	7.32	0.51
Scalai	Scalai	47	Max WS	TR200_02-Affluent	22.85	148.86	151.07	150.47	151.33	0.014964	2.24	10.22	7.12	0.48
Scalai	Scalai	47	Max WS	TR200_03-Affluent	18.41	148.86	150.82	150.29	151.06	0.016620	2.18	8.44	6.84	0.50
Scalai	Scalai	46	Max WS	TR30_01-Affluent	15.82	148.88	150.60	150.14	150.84	0.005145	2.15	7.35	5.82	0.61
Scalai	Scalai	46	Max WS	TR30_02-Affluent	13.34	148.88	150.11	150.03	150.50	0.010934	2.76	4.83	4.84	0.88
Scalai	Scalai	46	Max WS	TR30_03-Affluent	11.12	148.88	149.98	149.92	150.34	0.011229	2.64	4.22	4.75	0.89
Scalai	Scalai	46	Max WS	TR200_01-Affluent	28.77	148.88	151.18	150.64	151.56	0.019805	2.73	10.55	7.00	0.57
Scalai	Scalai	46	Max WS	TR200_02-Affluent	22.85	148.88	150.99	150.44	151.30	0.018690	2.47	9.26	6.77	0.54
Scalai	Scalai	46	Max WS	TR200_03-Affluent	18.41	148.88	150.74	150.26	151.03	0.014278	2.38	7.73	1.09	0.56
Scalai	Scalai	45	Max WS	TR30_01-Affluent	15.82	148.72	150.60	149.89	150.73	0.002426	1.62	9.77	7.07	0.44
Scalai	Scalai	45	Max WS	TR30_02-Affluent	13.34	148.72	149.97	149.78	150.25	0.007437	2.34	5.71	5.76	0.75
Scalai	Scalai	45	Max WS	TR30_03-Affluent	11.12	148.72	149.85	149.68	150.10	0.007557	2.23	5.00	5.56	0.75
Scalai	Scalai	45	Max WS	TR200_01-Affluent	27.42	148.72	151.15	150.34	151.34	0.002634	1.97	14.16	9.74	0.47
Scalai	Scalai	45	Max WS	TR200_02-Affluent	22.85	148.72	150.96	150.18	151.13	0.002583	1.84	12.44	8.30	0.46
Scalai	Scalai	45	Max WS	TR200_03-Affluent	18.41	148.72	150.75	150.00	150.90	0.002471	1.70	10.84	7.33	0.45
Scalai	Scalai	44.3	Max WS	TR30_01-Affluent	15.82	148.64	149.85		150.04	0.004253	1.90	8.32	7.19	0.56
Scalai	Scalai	44.3	Max WS	TR30_02-Affluent	13.34	148.64	149.73		149.89	0.004285	1.80	7.41	7.18	0.57
Scalai	Scalai	44.3	Max WS	TR30_03-Affluent	11.12	148.64	149.61		149.75	0.004334	1.70	6.55	7.17	0.57
Scalai	Scalai	44.3	Max WS	TR200_01-Affluent	27.42	148.64	150.40		150.65	0.004071	2.24	12.27	7.23	0.55
Scalai	Scalai	44.3	Max WS	TR200_02-Affluent	22.85	148.64	150.18		150.41	0.004244	2.14	10.67	7.22	0.56
Scalai	Scalai	44.3	Max WS	TR200_03-Affluent	18.41	148.64	149.98		150.18	0.004239	2.00	9.22	7.20	0.56
Scalai	Scalai	44.2	Max WS	TR30_01-Affluent	15.82	148.63	149.85	149.47	150.03	0.004164	1.89	8.38	7.19	0.56
Scalai	Scalai	44.2	Max WS	TR30_02-Affluent	13.34	148.63	149.73	149.39	149.89	0.004180	1.78	7.47	7.18	0.56
Scalai	Scalai	44.2	Max WS	TR30_03-Affluent	11.12	148.63	149.61	149.30	149.75	0.004219	1.68	6.61	7.17	0.56
Scalai	Scalai	44.2	Max WS	TR200_01-Affluent	27.77	148.63	150.39	149.83	150.65	0.004212	2.27	12.23	7.23	0.56
Scalai	Scalai	44.2	Max WS	TR200_02-Affluent	22.85	148.63	150.18	149.69	150.41	0.004174	2.13	10.73	7.22	0.56
Scalai	Scalai	44.2	Max WS	TR200_03-Affluent	18.41	148.63	149.98	149.56	150.18	0.004160	1.98	9.28	7.20	0.56
Scalai	Scalai	44	Max WS	TR30_01-Affluent	15.81	147.33	149.00		149.22	0.005371	2.09	7.57	7.10	0.65
Scalai	Scalai	44	Max WS	TR30_02-Affluent	13.34	147.33	148.89		149.09	0.004696	1.96	6.81	6.36	0.60
Scalai	Scalai	44	Max WS	TR30_03-Affluent	11.12	147.33	148.80		148.96	0.004101	1.78	6.24	6.13	0.56
Scalai	Scalai	44	Max WS	TR200_01-Affluent	27.77	147.33	149.53		149.83	0.005035	2.45	11.33	7.18	0.62
Scalai	Scalai	44	Max WS	TR200_02-Affluent	22.85	147.33	149.31		149.59	0.005287	2.34	9.75	7.14	0.64
Scalai	Scalai	44	Max WS	TR200_03-Affluent	18.41	147.33	149.12		149.36	0.005361	2.20	8.38	7.12	0.65
Scalai	Scalai	43	Max WS	TR30_01-Affluent	15.81	147.78	148.89	148.97	149.39	0.019103	3.13	5.05	6.94	1.17
Scalai	Scalai	43	Max WS	TR30_02-Affluent	13.34	147.78	148.77	148.88	149.28	0.023611	3.17	4.21	6.79	1.28
Scalai	Scalai	43	Max WS	TR30_03-Affluent	11.12	147.78	148.66	148.79	149.18	0.029623	3.19	3.48	6.66	1.41
Scalai	Scalai	43	Max WS	TR200_01-Affluent	27.80	147.78	149.44		149.92	0.010330	3.07	9.06	7.61	0.90
Scalai	Scalai	43	Max WS	TR200_02-Affluent	22.85	147.78	149.21	149.20	149.70	0.012797	3.10	7.37	7.34	0.99
Scalai	Scalai	43	Max WS	TR200_03-Affluent	18.41	147.78	149.01	149.06	149.50	0.016032	3.11	5.91	7.09	1.09
Scalai	Scalai	42	Max WS	TR30_01-Affluent	19.23	146.92	148.73		149.09	0.007917	2.65	7.27	5.79	0.75
Scalai	Scalai	42	Max WS	TR30_02-Affluent	16.20	146.92	148.59		148.91	0.007884	2.51	6.46	5.68	0.75
Scalai	Scalai	42	Max WS	TR30_03-Affluent	13.51	146.92	148.46		148.75	0.007839	2.37	5.71	5.57	0.75
Scalai	Scalai	42	Max WS	TR200_01-Affluent	33.98	146.92	149.32		149.81	0.007587	3.09	11.54	9.47	0.75
Scalai	Scalai	42	Max WS	TR200_02-Affluent	27.76	146.92	149.09		149.54	0.008025	2.96	9.38	6.08	0.76
Scalai	Scalai	42	Max WS	TR200_03-Affluent	22.37	146.92	148.87		149.26	0.007945	2.77	8.07	5.90	0.76
Scalai	Scalai	41	Max WS	TR30_01-Affluent	19.25	146.99	148.62		148.95	0.006718	2.53	7.60	5.80	0.71
Scalai	Scalai	41	Max WS	TR30_02-Affluent	16.22	146.99	148.48		148.77	0.006511	2.38	6.81	5.68	0.69
Scalai	Scalai	41	Max WS	TR30_03-Affluent	13.53	146.99	148.35		148.61	0.006266	2.23	6.07	5.56	0.68
Scalai	Scalai	41	Max WS	TR200_01-Affluent	34.01	146.99	149.21		149.67	0.006832	3.00	11.62	10.19	0.73
Scalai	Scalai	41	Max WS	TR200_02-Affluent	27.79	146.99	148.97		149.39	0.007313	2.85	9.74	6.49	0.74
Scalai	Scalai	41	Max WS	TR200_03-Affluent	22.39	146.99	148.76		149.12	0.006979	2.67	8.40	6.05	0.72
Scalai	Scalai	40	Max WS	TR30_01-Affluent	19.26</									

HEC-RAS Profile: Max WS (Continued)

River	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
Scalai	Scalai	39.6	Max WS	TR200_01-Affluent	34.05	144.90	147.20		147.67	0.007564	3.06	11.13	7.33	0.79
Scalai	Scalai	39.6	Max WS	TR200_02-Affluent	27.82	144.90	146.96		147.40	0.007889	2.95	9.44	6.85	0.80
Scalai	Scalai	39.6	Max WS	TR200_03-Affluent	22.42	144.90	146.72		147.13	0.008339	2.84	7.89	6.38	0.82
Scalai	Scalai	39.3	Max WS	TR30_01-Affluent	19.30	144.29	146.34	146.03	146.66	0.004278	2.86	9.58	8.31	0.65
Scalai	Scalai	39.3	Max WS	TR30_02-Affluent	16.27	144.29	146.18	145.87	146.48	0.004314	2.72	8.30	7.70	0.64
Scalai	Scalai	39.3	Max WS	TR30_03-Affluent	13.56	144.29	146.02	145.72	146.30	0.004357	2.57	7.12	7.09	0.63
Scalai	Scalai	39.3	Max WS	TR200_01-Affluent	34.11	144.29	146.96	146.59	147.36	0.004168	3.38	15.43	10.65	0.67
Scalai	Scalai	39.3	Max WS	TR200_02-Affluent	27.87	144.29	146.72	146.38	147.10	0.004207	3.19	13.03	9.76	0.66
Scalai	Scalai	39.3	Max WS	TR200_03-Affluent	22.46	144.29	146.49	146.16	146.83	0.004248	2.99	10.88	8.88	0.65
Scalai	Scalai	39.1	Max WS	TR30_01-Affluent	19.30	143.45	145.39	145.29	145.87	0.006505	3.42	7.75	7.11	0.82
Scalai	Scalai	39.1	Max WS	TR30_02-Affluent	16.27	143.45	145.15	145.13	145.67	0.008243	3.50	6.14	6.31	0.90
Scalai	Scalai	39.1	Max WS	TR30_03-Affluent	13.56	143.45	144.95	144.98	145.48	0.009659	3.47	4.98	5.67	0.95
Scalai	Scalai	39.1	Max WS	TR200_01-Affluent	34.10	143.45	146.22	145.72	146.67	0.004093	3.51	14.85	9.88	0.69
Scalai	Scalai	39.1	Max WS	TR200_02-Affluent	27.87	143.45	145.73	145.64	146.31	0.006597	3.87	10.38	8.24	0.85
Scalai	Scalai	39.1	Max WS	TR200_03-Affluent	22.46	143.45	145.49	145.43	146.04	0.007009	3.69	8.50	7.45	0.86
Scalai	Scalai	39	Max WS	TR30_01-Affluent	19.31	143.55	145.36		145.76	0.006006	3.10	8.17	7.76	0.77
Scalai	Scalai	39	Max WS	TR30_02-Affluent	16.27	143.55	145.10	145.08	145.57	0.008292	3.25	6.30	6.92	0.88
Scalai	Scalai	39	Max WS	TR30_03-Affluent	13.57	143.55	144.91	144.95	145.40	0.010432	3.30	4.99	6.27	0.96
Scalai	Scalai	39	Max WS	TR200_01-Affluent	34.11	143.55	146.24		146.59	0.003270	3.04	16.29	10.67	0.61
Scalai	Scalai	39	Max WS	TR200_02-Affluent	27.88	143.55	145.70		146.18	0.005860	3.47	11.02	8.89	0.78
Scalai	Scalai	39	Max WS	TR200_03-Affluent	22.47	143.55	145.45		145.92	0.006515	3.35	8.91	8.07	0.81
Scalai	Scalai	38	Max WS	TR30_01-Affluent	19.32	143.53	145.33		145.59	0.003767	2.50	9.92	8.86	0.63
Scalai	Scalai	38	Max WS	TR30_02-Affluent	16.28	143.53	145.01		145.35	0.006318	2.78	7.23	8.15	0.79
Scalai	Scalai	38	Max WS	TR30_03-Affluent	13.58	143.53	144.80		145.19	0.008917	2.92	5.56	7.68	0.91
Scalai	Scalai	38	Max WS	TR200_01-Affluent	34.13	143.53	146.26		146.50	0.001972	2.46	19.19	10.96	0.50
Scalai	Scalai	38	Max WS	TR200_02-Affluent	27.89	143.53	145.68		146.00	0.003837	2.80	13.17	9.65	0.65
Scalai	Scalai	38	Max WS	TR200_03-Affluent	20.00	143.53	145.40		145.65	0.003360	2.43	10.62	9.04	0.60
Scalai	Scalai	37	Max WS	TR30_01-Affluent	19.32	143.47	144.52	144.78	145.43	0.024853	4.24	4.72	6.21	1.44
Scalai	Scalai	37	Max WS	TR30_02-Affluent	16.28	143.47	144.42	144.66	145.25	0.026158	4.03	4.14	5.95	1.45
Scalai	Scalai	37	Max WS	TR30_03-Affluent	13.58	143.47	144.34	144.54	145.07	0.027457	3.81	3.62	5.70	1.46
Scalai	Scalai	37	Max WS	TR200_01-Affluent	34.13	143.47	144.94	145.28	146.12	0.019727	4.91	7.59	7.37	1.37
Scalai	Scalai	37	Max WS	TR200_02-Affluent	27.89	143.47	144.77	145.09	145.86	0.021565	4.67	6.38	6.90	1.40
Scalai	Scalai	37	Max WS	TR200_03-Affluent	22.48	143.47	144.62	144.90	145.60	0.023628	4.43	5.32	6.47	1.43
Scalai	Scalai	36.6	Max WS	TR30_01-Affluent	19.34	142.70	144.01	144.17	144.74	0.019034	3.81	5.25	6.17	1.24
Scalai	Scalai	36.6	Max WS	TR30_02-Affluent	16.31	142.70	143.89	144.05	144.57	0.020290	3.86	4.56	5.90	1.27
Scalai	Scalai	36.6	Max WS	TR30_03-Affluent	13.60	142.70	143.78	143.93	144.41	0.021647	3.51	3.93	5.64	1.29
Scalai	Scalai	36.6	Max WS	TR200_01-Affluent	34.18	142.70	144.51	144.67	145.40	0.013791	4.28	8.67	7.55	1.14
Scalai	Scalai	36.6	Max WS	TR200_02-Affluent	27.93	142.70	144.31	144.48	145.14	0.015350	4.10	7.24	7.00	1.17
Scalai	Scalai	36.6	Max WS	TR200_03-Affluent	22.51	142.70	144.12	144.29	144.90	0.017542	3.93	5.97	6.48	1.22
Scalai	Scalai	36	Max WS	TR30_01-Affluent	19.39	141.92	143.48		143.92	0.008536	2.97	6.89	6.87	0.87
Scalai	Scalai	36	Max WS	TR30_02-Affluent	16.34	141.92	143.33	143.28	143.75	0.009695	2.90	5.88	6.44	0.90
Scalai	Scalai	36	Max WS	TR30_03-Affluent	13.63	141.92	143.18	143.16	143.58	0.011133	2.83	4.96	6.05	0.95
Scalai	Scalai	36	Max WS	TR200_01-Affluent	34.26	141.92	144.09		144.62	0.006181	3.33	11.63	8.59	0.79
Scalai	Scalai	36	Max WS	TR200_02-Affluent	27.99	141.92	143.86		144.35	0.006673	3.17	9.75	7.95	0.80
Scalai	Scalai	36	Max WS	TR200_03-Affluent	22.56	141.92	143.63		144.09	0.007666	3.05	7.95	7.29	0.84
Scalai	Scalai	35.1	Max WS	TR30_01-Affluent	19.40	141.36	143.37		143.58	0.003459	2.08	9.75	7.92	0.56
Scalai	Scalai	35.1	Max WS	TR30_02-Affluent	16.36	141.36	143.20		143.40	0.003667	2.01	8.43	7.50	0.57
Scalai	Scalai	35.1	Max WS	TR30_03-Affluent	13.64	141.36	143.03		143.22	0.003911	1.94	7.24	7.09	0.58
Scalai	Scalai	35.1	Max WS	TR200_01-Affluent	34.42	141.36	144.03		144.31	0.003115	2.39	15.51	9.56	0.56
Scalai	Scalai	35.1	Max WS	TR200_02-Affluent	28.02	141.36	143.79		144.04	0.003087	2.24	13.34	8.98	0.55
Scalai	Scalai	35.1	Max WS	TR200_03-Affluent	22.59	141.36	143.54		143.76	0.003285	2.15	11.11	8.33	0.56
Scalai	Scalai	35	Max WS	TR30_01-Affluent	19.41	141.36	143.30		143.64	0.006398	2.62	7.76	6.00	0.68
Scalai	Scalai	35	Max WS	TR30_02-Affluent	16.36	141.36	143.14		143.45	0.006515	2.50	6.80	5.77	0.68
Scalai	Scalai	35	Max WS	TR30_03-Affluent	13.64	141.36	142.98		143.27	0.006671	2.37	5.92	5.54	0.69
Scalai	Scalai	35	Max WS	TR200_01-Affluent	34.42	141.36	143.93		144.42	0.006611	3.17	11.83	6.91	0.69
Scalai	Scalai	35	Max WS	TR200_02-Affluent	28.02	141.36	143.70		144.12	0.006293	2.93	10.29	6.58	0.67
Scalai	Scalai	35	Max WS	TR200_03-Affluent	22.59	141.36	143.46		143.83	0.006325	2.74	8.72	6.23	0.68
Scalai	Scalai	34	Max WS	TR30_01-Affluent	19.43	141.38	143.23	142.76	143.49	0.004158	2.29	9.03	6.62	0.57
Scalai	Scalai	34	Max WS	TR30_02-Affluent	16.38	141.38	143.07	142.63	143.30	0.004151	2.17	7.96	6.37	0.57
Scalai	Scalai	34	Max WS	TR30_03-Affluent	13.66	141.38	142.91	142.51	143.12	0.004158	2.05	6.97	6.12	0.57
Scalai	Scalai	34	Max WS	TR200_01-Affluent	33.62	141.38	143.88	143.27	144.23	0.004263	2.73	13.60	7.57	0.58
Scalai	Scalai	34	Max WS	TR200_02-Affluent	27.99	141.38	143.64	143.08	143.96	0.004215	2.58	11.85	7.22	0.58
Scalai	Scalai	34	Max WS	TR200_03-Affluent	22.62	141.38	143.39	142.88	143.67	0.004173	2.41	10.11	6.85	0.57
Scalai	Scalai	33.8	Max WS	TR30_01-Affluent	19.43	139.91	142.09		142.45	0.007809	2.68	7.26	4.92	0.70
Scalai	Scalai	33.8	Max WS	TR30_02-Affluent	16.38	139.91	141.96		142.27	0.007065	2.46	6.66	4.84	0.67
Scalai	Scalai	33.8	Max WS	TR30_03-Affluent	13.66	139.91	141.85		142.10	0.006275	2.24	6.10	4.78	0.63
Scalai	Scalai	33.8	Max WS	TR200_01-Affluent	33.62	139.91	142.61		143.20	0.009285	3.40	10.00	5.66	0.77
Scalai	Scalai	33.8	Max WS	TR200_02-Affluent	27.99	139.91	142.41		142.92	0.008399	3.16	8.89	5.36	0.76
Scalai	Scalai	33.8	Max WS	TR200_03-Affluent	22.62	139.91	142.21		142.63	0.008353	2.87	7.87	5.05	0.73
Scalai	Scalai	33	Max WS	TR30_01-Affluent	19.44	140.57	141.97	142.14	142.72	0.022892	3.85	5.05	5.23	1.25
Scalai	Scalai	33	Max WS	TR30_02-Affluent	16.39	140.57	141.85	142.01	142.54	0.023520	3.70	4.43	5.02	1.26
Scalai	Scalai	33	Max WS	TR30_03-Affluent	13.66	140.57	141.74	141.88	142.37	0.023757	3.52	3.88	4.84	1.26
Scalai	Scalai	33	Max WS	TR200_01-Affluent	33.64	140.57	142.50	142.65	143.39	0.018876	4.17	8.07	6.12	1.16
Scalai	Scalai	33	Max WS	TR200_02-Affluent	28.00	140.57	142.29	142.46	143.15	0.020619	4.10	6.83	5.77	1.20
Scalai	Scalai	33	Max WS	TR200_03-Affluent	22.63	140.57	142.09	142.27	142.89	0.022053	3.96	5.71	5.44	1.23
Scalai	Scalai	32	Max WS	TR30_01-Affluent	19.44	140.49	141.88	141.99	142.55	0.019071	3.61	5.39	5.45	1.16
Scalai	Scalai	32	Max WS	TR30_02-Affluent	16.39	140.49	141.76	141.87	142.37	0.019994	3.47	4.73	5.40	1.18
Scalai	Scalai	32	Max WS	TR30_03-Affluent	13.67	140.49	141.65	141.75	142.21	0.020734	3.30	4.14	5.35	1.20
Scalai	Scalai	32	Max WS	TR200_01-Affluent	33.64	140.49	142.43	142.48	143.24	0.015701	3.99	8.43	5.67	1.05
Scalai	Scalai	32	Max WS	TR200_02-Affluent	28.00	140.49	142.21	142.29	142.98	0.016969	3.88	7.21	5.58	1.09
Scalai	Scalai	32	Max WS	TR200_03-Affluent	22.63	140.49								

HEC-RAS Profile: Max WS (Continued)

River	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
Scalai	Scalai	29	Max WS	TR30_03-Affluent	13.70	139.48	140.87	140.49	141.02	0.003852	1.74	7.89	7.35	0.54
Scalai	Scalai	29	Max WS	TR200_01-Affluent	33.88	139.48	141.81	141.09	142.07	0.003554	2.26	15.01	7.67	0.52
Scalai	Scalai	29	Max WS	TR200_02-Affluent	28.08	139.48	141.57	140.93	141.80	0.003586	2.14	13.13	7.59	0.52
Scalai	Scalai	29	Max WS	TR200_03-Affluent	22.69	139.48	141.33	140.78	141.53	0.003606	2.00	11.32	7.51	0.52
Scalai	Scalai	28	Max WS	TR30_01-Affluent	19.49	139.41	140.84		141.14	0.006693	2.44	7.97	6.14	0.69
Scalai	Scalai	28	Max WS	TR30_02-Affluent	16.44	139.41	140.69		140.97	0.006701	2.32	7.10	6.13	0.69
Scalai	Scalai	28	Max WS	TR30_03-Affluent	13.70	139.41	140.55		140.80	0.006833	2.20	6.24	6.13	0.69
Scalai	Scalai	28	Max WS	TR200_01-Affluent	33.88	139.41	141.37		141.83	0.007542	3.02	11.23	6.18	0.71
Scalai	Scalai	28	Max WS	TR200_02-Affluent	28.08	139.41	141.18		141.57	0.007084	2.79	10.06	6.15	0.70
Scalai	Scalai	28	Max WS	TR200_03-Affluent	22.69	139.41	140.97		141.31	0.006773	2.57	8.81	6.14	0.69
Scalai	Scalai	27	Max WS	TR30_01-Affluent	19.51	138.83	140.61		140.94	0.006752	2.54	7.69	5.23	0.67
Scalai	Scalai	27	Max WS	TR30_02-Affluent	16.45	138.83	140.44		140.74	0.006335	2.40	6.84	4.79	0.64
Scalai	Scalai	27	Max WS	TR30_03-Affluent	13.71	138.83	140.28		140.54	0.006215	2.27	6.05	4.73	0.64
Scalai	Scalai	27	Max WS	TR200_01-Affluent	33.14	138.83	141.22		141.66	0.007287	2.92	11.35	6.56	0.71
Scalai	Scalai	27	Max WS	TR200_02-Affluent	27.81	138.83	141.02		141.41	0.007187	2.78	10.02	6.26	0.70
Scalai	Scalai	27	Max WS	TR200_03-Affluent	22.69	138.83	140.78		141.13	0.007020	2.64	8.59	5.69	0.69
Scalai	Scalai	26	Max WS	TR30_01-Affluent	19.52	138.54	140.57	140.11	140.82	0.005069	2.23	8.73	6.38	0.61
Scalai	Scalai	26	Max WS	TR30_02-Affluent	16.46	138.54	140.40	139.98	140.63	0.005136	2.15	7.67	6.08	0.61
Scalai	Scalai	26	Max WS	TR30_03-Affluent	13.72	138.54	140.23	139.85	140.45	0.005210	2.06	6.67	5.79	0.61
Scalai	Scalai	26	Max WS	TR200_01-Affluent	32.70	138.54	141.19	140.58	141.51	0.004877	2.51	13.00	7.45	0.61
Scalai	Scalai	26	Max WS	TR200_02-Affluent	27.76	138.54	140.97	140.42	141.27	0.004940	2.42	11.45	7.09	0.61
Scalai	Scalai	26	Max WS	TR200_03-Affluent	22.71	138.54	140.73	140.24	141.01	0.005012	2.31	9.81	6.67	0.61
Scalai	Scalai	25.8	Max WS	TR30_01-Affluent	19.52	138.12	139.90	139.87	140.44	0.013997	3.23	6.04	5.23	0.96
Scalai	Scalai	25.8	Max WS	TR30_02-Affluent	16.46	138.12	139.78		140.25	0.013427	3.05	5.39	4.95	0.93
Scalai	Scalai	25.8	Max WS	TR30_03-Affluent	13.72	138.12	139.66		140.07	0.012301	2.84	4.83	4.62	0.89
Scalai	Scalai	25.8	Max WS	TR200_01-Affluent	32.70	138.12	140.66		141.16	0.008866	3.11	10.50	6.55	0.78
Scalai	Scalai	25.8	Max WS	TR200_02-Affluent	27.76	138.12	140.53		140.95	0.008015	2.88	9.65	6.32	0.74
Scalai	Scalai	25.8	Max WS	TR200_03-Affluent	22.70	138.12	140.28		140.68	0.008467	2.79	8.14	5.89	0.76
Scalai	Scalai	25	Max WS	TR30_01-Affluent	19.53	138.08	139.73	139.77	140.26	0.017014	3.23	6.05	6.54	1.07
Scalai	Scalai	25	Max WS	TR30_02-Affluent	16.47	138.08	139.59	139.65	140.11	0.018829	3.17	5.19	6.27	1.11
Scalai	Scalai	25	Max WS	TR30_03-Affluent	13.73	138.08	139.47	139.54	139.96	0.020335	3.08	4.46	6.04	1.14
Scalai	Scalai	25	Max WS	TR200_01-Affluent	32.72	138.08	140.56		140.93	0.006629	2.68	12.19	8.19	0.70
Scalai	Scalai	25	Max WS	TR200_02-Affluent	27.78	138.08	140.46		140.76	0.005812	2.45	11.36	7.99	0.66
Scalai	Scalai	25	Max WS	TR200_03-Affluent	22.71	138.08	140.19		140.49	0.006824	2.45	9.28	7.46	0.70
Scalai	Scalai	24	Max WS	TR30_01-Affluent	19.56	137.36	139.34		139.68	0.009256	2.59	7.57	6.84	0.79
Scalai	Scalai	24	Max WS	TR30_02-Affluent	16.50	137.36	139.17		139.51	0.010637	2.58	6.40	6.53	0.83
Scalai	Scalai	24	Max WS	TR30_03-Affluent	13.75	137.36	139.01		139.34	0.011962	2.54	5.43	6.25	0.87
Scalai	Scalai	24	Max WS	TR200_01-Affluent	32.79	137.36	140.51		140.70	0.002794	1.95	16.77	8.95	0.46
Scalai	Scalai	24	Max WS	TR200_02-Affluent	27.82	137.36	140.43		140.58	0.002257	1.73	16.09	8.81	0.41
Scalai	Scalai	24	Max WS	TR200_03-Affluent	22.75	137.36	140.14		140.29	0.002385	1.67	13.63	8.29	0.42
Scalai	Scalai	23	Max WS	TR30_01-Affluent	19.60	137.27	139.26	138.52	139.37	0.001793	1.46	13.39	9.55	0.39
Scalai	Scalai	23	Max WS	TR30_02-Affluent	16.53	137.27	139.05	138.43	139.15	0.002034	1.45	11.37	9.16	0.42
Scalai	Scalai	23	Max WS	TR30_03-Affluent	13.78	137.27	138.86	138.34	138.96	0.002271	1.43	9.65	8.82	0.44
Scalai	Scalai	23	Max WS	TR200_01-Affluent	26.90	137.27	140.59	138.73	140.64	0.000440	0.98	27.43	11.10	0.20
Scalai	Scalai	23	Max WS	TR200_02-Affluent	25.31	137.27	140.48	138.69	140.53	0.000444	0.97	26.22	11.09	0.20
Scalai	Scalai	23	Max WS	TR200_03-Affluent	22.79	137.27	140.17	138.62	140.22	0.000542	1.00	22.80	11.07	0.22
Scalai	Scalai	22	Max WS	TR30_01-Affluent	19.60	137.44	138.55	138.52	138.93	0.010832	2.73	7.17	8.79	0.97
Scalai	Scalai	22	Max WS	TR30_02-Affluent	16.53	137.44	138.41	138.42	138.80	0.012548	2.74	6.03	8.25	1.02
Scalai	Scalai	22	Max WS	TR30_03-Affluent	13.78	137.44	138.32	138.32	138.67	0.012680	2.60	5.29	7.88	1.02
Scalai	Scalai	22	Max WS	TR200_01-Affluent	26.90	137.44	138.78		139.20	0.009738	2.88	9.35	9.73	0.94
Scalai	Scalai	22	Max WS	TR200_02-Affluent	25.29	137.44	138.73		139.15	0.009882	2.84	8.90	9.54	0.94
Scalai	Scalai	22	Max WS	TR200_03-Affluent	22.79	137.44	138.66	138.62	139.05	0.010233	2.79	8.15	9.22	0.95
Scalai	Scalai	21	Max WS	TR30_01-Affluent	19.61	136.98	138.37	138.36	138.87	0.013048	3.12	6.28	6.20	0.99
Scalai	Scalai	21	Max WS	TR30_02-Affluent	16.54	136.98	138.16	138.24	138.72	0.018116	3.30	5.02	6.07	1.16
Scalai	Scalai	21	Max WS	TR30_03-Affluent	13.79	136.98	138.07	138.14	138.56	0.018200	3.10	4.44	6.01	1.15
Scalai	Scalai	21	Max WS	TR200_01-Affluent	27.01	136.98	138.63	138.60	139.22	0.012455	3.40	7.94	6.37	0.97
Scalai	Scalai	21	Max WS	TR200_02-Affluent	25.42	136.98	138.58	138.55	139.15	0.012417	3.33	7.63	6.34	0.97
Scalai	Scalai	21	Max WS	TR200_03-Affluent	22.80	136.98	138.49	138.47	139.03	0.012497	3.23	7.06	6.28	0.97
Scalai	Scalai	20	Max WS	TR30_01-Affluent	19.64	136.32	138.04		138.25	0.004615	2.04	9.61	9.36	0.64
Scalai	Scalai	20	Max WS	TR30_02-Affluent	16.57	136.32	137.63	137.62	138.01	0.011547	2.71	6.12	7.87	0.98
Scalai	Scalai	20	Max WS	TR30_03-Affluent	13.81	136.32	137.50	137.51	137.87	0.013490	2.72	5.07	7.27	1.04
Scalai	Scalai	20	Max WS	TR200_01-Affluent	27.18	136.32	138.31		138.56	0.004469	2.21	12.30	10.26	0.65
Scalai	Scalai	20	Max WS	TR200_02-Affluent	25.46	136.32	138.27		138.50	0.004354	2.15	11.84	10.20	0.64
Scalai	Scalai	20	Max WS	TR200_03-Affluent	22.84	136.32	138.18		138.40	0.004339	2.08	10.96	9.88	0.63
Scalai	Scalai	19	Max WS	TR30_01-Affluent	19.65	135.91	138.02		138.12	0.001596	1.44	13.69	9.83	0.39
Scalai	Scalai	19	Max WS	TR30_02-Affluent	16.60	135.91	137.42		137.62	0.004377	2.00	8.31	7.90	0.62
Scalai	Scalai	19	Max WS	TR30_03-Affluent	13.84	135.91	137.23		137.44	0.005103	2.01	6.90	7.37	0.66
Scalai	Scalai	19	Max WS	TR200_01-Affluent	26.84	135.91	138.29		138.43	0.001746	1.64	16.41	9.90	0.41
Scalai	Scalai	19	Max WS	TR200_02-Affluent	25.23	135.91	138.25		138.38	0.001668	1.58	15.98	9.90	0.40
Scalai	Scalai	19	Max WS	TR200_03-Affluent	22.68	135.91	138.16		138.28	0.001587	1.50	15.12	9.90	0.39
Scalai	Scalai	18	Max WS	TR30_01-Affluent	19.52	135.81	137.97	137.10	138.11	0.001925	1.64	11.93	6.98	0.40
Scalai	Scalai	18	Max WS	TR30_02-Affluent	16.61	135.81	137.35	136.98	137.59	0.004673	2.14	7.76	6.40	0.62
Scalai	Scalai	18	Max WS	TR30_03-Affluent	13.84	135.81	137.17	136.87	137.40	0.005066	2.08	6.65	6.20	0.64
Scalai	Scalai	18	Max WS	TR200_01-Affluent	24.61	135.81	138.28	137.28	138.44	0.001909	1.74	14.10	6.98	0.39
Scalai	Scalai	18	Max WS	TR200_02-Affluent	23.65	135.81	138.22	137.24	138.38	0.001909	1.73	13.71	6.98	0.39
Scalai	Scalai	18	Max WS	TR200_03-Affluent	21.99	135.81	138.12	137.19	138.27	0.001923	1.69	12.98	6.98	0.40
Scalai	Scalai	17	Max WS	TR30_01-Affluent	19.52	135.75	138.90	137.02	137.58	0.019149	3.65	5.35	5.49	1.18
Scalai	Scalai	17	Max WS	TR30_02-Affluent	16.61	135.75	138.80	136.91	137.42	0.019591	3.49	4.76	5.43	1.19
Scalai	Scalai	17	Max WS	TR30_03-Affluent	13.84	135.75	138.69	136.79	137.25	0.019999	3.31	4.18	5.37	1.20
Scalai	Scalai	17	Max WS	TR200_01-Affluent	24.61	135.75	137.09	137.21	137.85	0.018264	3.86	6.38	5.60	1.16
Scalai	Scalai	17	Max WS	TR200_02-Affluent	23.65	135.75	137.05	137.17	137.80	0.018464	3.83	6.18		

HEC-RAS Profile: Max WS (Continued)

River	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
Scalai	Scalai	14	Max WS	TR30_02-Affluent	16.65	134.93	136.05	136.17	136.60	0.020664	3.29	5.06	7.11	1.25
Scalai	Scalai	14	Max WS	TR30_03-Affluent	13.88	134.93	135.93	136.06	136.48	0.024906	3.29	4.22	6.94	1.35
Scalai	Scalai	14	Max WS	TR200_01-Affluent	26.03	134.93	136.38	136.46	137.00	0.015613	3.47	7.49	7.56	1.11
Scalai	Scalai	14	Max WS	TR200_02-Affluent	24.60	134.93	136.34	136.42	136.94	0.015707	3.42	7.20	7.51	1.11
Scalai	Scalai	14	Max WS	TR200_03-Affluent	22.34	134.93	136.28	136.35	136.84	0.015941	3.33	6.71	7.42	1.12
Scalai	Scalai	13	Max WS	TR30_01-Affluent	19.60	134.26	135.91		136.30	0.009418	2.78	7.06	6.37	0.84
Scalai	Scalai	13	Max WS	TR30_02-Affluent	16.67	134.26	135.74		136.14	0.011342	2.80	5.95	6.32	0.92
Scalai	Scalai	13	Max WS	TR30_03-Affluent	13.90	134.26	135.57	135.56	135.98	0.013553	2.84	4.90	5.97	1.00
Scalai	Scalai	13	Max WS	TR200_01-Affluent	26.13	134.26	136.12		136.61	0.010013	3.11	8.41	6.44	0.87
Scalai	Scalai	13	Max WS	TR200_02-Affluent	24.68	134.26	136.08		136.55	0.009751	3.02	8.16	6.42	0.86
Scalai	Scalai	13	Max WS	TR200_03-Affluent	22.39	134.26	136.02		136.44	0.009360	2.89	7.74	6.40	0.84
Scalai	Scalai	12	Max WS	TR30_01-Affluent	19.64	133.59	135.76		135.98	0.003730	2.10	9.36	5.23	0.50
Scalai	Scalai	12	Max WS	TR30_02-Affluent	16.70	133.59	135.54		135.75	0.003834	2.03	8.24	5.20	0.51
Scalai	Scalai	12	Max WS	TR30_03-Affluent	13.92	133.59	135.32		135.52	0.004061	1.96	7.09	5.18	0.54
Scalai	Scalai	12	Max WS	TR200_01-Affluent	26.17	133.59	135.91		136.25	0.005270	2.57	10.17	5.24	0.59
Scalai	Scalai	12	Max WS	TR200_02-Affluent	24.72	133.59	135.89		136.20	0.004859	2.46	10.05	5.24	0.57
Scalai	Scalai	12	Max WS	TR200_03-Affluent	22.43	133.59	135.85		136.12	0.004232	2.28	9.85	5.23	0.53
Scalai	Scalai	11	Max WS	TR30_01-Affluent	19.38	133.46	135.70		135.94	0.004169	2.18	8.89	4.59	0.50
Scalai	Scalai	11	Max WS	TR30_02-Affluent	16.70	133.46	135.47		135.70	0.004280	2.12	7.87	4.53	0.51
Scalai	Scalai	11	Max WS	TR30_03-Affluent	13.94	133.46	135.26		135.47	0.004250	2.02	6.91	4.47	0.52
Scalai	Scalai	11	Max WS	TR200_01-Affluent	25.14	133.46	135.85		136.20	0.005718	2.62	9.59	4.60	0.58
Scalai	Scalai	11	Max WS	TR200_02-Affluent	23.88	133.46	135.83		136.15	0.005304	2.52	9.49	4.60	0.56
Scalai	Scalai	11	Max WS	TR200_03-Affluent	21.82	133.46	135.79		136.07	0.004631	2.34	9.34	4.60	0.52
Scalai	Scalai	10.2	Max WS	TR30_01-Affluent	18.97	133.35	135.62	134.90	135.93	0.006105	2.46	7.70	3.64	0.54
Scalai	Scalai	10.2	Max WS	TR30_02-Affluent	16.57	133.35	135.40	134.79	135.69	0.006245	2.41	6.88	3.64	0.56
Scalai	Scalai	10.2	Max WS	TR30_03-Affluent	13.93	133.35	135.19	134.64	135.45	0.006018	2.28	6.12	3.64	0.56
Scalai	Scalai	10.2	Max WS	TR200_01-Affluent	22.15	133.35	135.89	135.06	136.23	0.006101	2.55	8.69	3.64	0.53
Scalai	Scalai	10.2	Max WS	TR200_02-Affluent	21.52	133.35	135.85	135.03	136.18	0.006018	2.52	8.54	3.64	0.53
Scalai	Scalai	10.2	Max WS	TR200_03-Affluent	20.42	133.35	135.77	134.98	136.08	0.005939	2.48	8.24	3.64	0.53
Scalai	Scalai	10	Max WS	TR30_01-Affluent	18.97	132.50	135.47		135.68	0.003759	2.03	9.37	3.64	0.40
Scalai	Scalai	10	Max WS	TR30_02-Affluent	16.57	132.50	135.13		135.34	0.004114	2.04	8.13	3.64	0.44
Scalai	Scalai	10	Max WS	TR30_03-Affluent	13.93	132.50	134.90		135.09	0.003852	1.91	7.30	3.63	0.43
Scalai	Scalai	10	Max WS	TR200_01-Affluent	22.15	132.50	135.79		136.02	0.003815	2.10	10.53	3.64	0.40
Scalai	Scalai	10	Max WS	TR200_02-Affluent	21.52	132.50	135.76		135.97	0.003717	2.07	10.40	3.64	0.39
Scalai	Scalai	10	Max WS	TR200_03-Affluent	20.42	132.50	135.68		135.88	0.003595	2.02	10.10	3.64	0.39
Scalai	Scalai	9.8	Max WS	TR30_01-Affluent	18.90	132.48	135.47	134.27	135.68	0.003689	2.01	9.41	3.64	0.40
Scalai	Scalai	9.8	Max WS	TR30_02-Affluent	16.56	132.48	135.13	134.15	135.34	0.004071	2.03	8.17	3.64	0.43
Scalai	Scalai	9.8	Max WS	TR30_03-Affluent	13.93	132.48	134.90	133.97	135.08	0.003808	1.90	7.34	3.63	0.43
Scalai	Scalai	9.8	Max WS	TR200_01-Affluent	20.82	132.48	135.83	134.37	136.02	0.003238	1.94	10.70	3.64	0.36
Scalai	Scalai	9.8	Max WS	TR200_02-Affluent	20.56	132.48	135.78	134.36	135.97	0.003287	1.95	10.54	3.64	0.37
Scalai	Scalai	9.8	Max WS	TR200_03-Affluent	20.04	132.48	135.68	134.33	135.88	0.003398	1.97	10.18	3.64	0.38
Scalai	Scalai	9	Max WS	TR30_01-Affluent	18.90	131.99	134.33		134.74	0.009845	2.96	7.20	5.79	0.69
Scalai	Scalai	9	Max WS	TR30_02-Affluent	16.56	131.99	134.19		134.58	0.010181	2.90	6.37	5.45	0.70
Scalai	Scalai	9	Max WS	TR30_03-Affluent	13.93	131.99	134.00		134.39	0.010637	2.81	5.41	5.04	0.71
Scalai	Scalai	9	Max WS	TR200_01-Affluent	20.82	131.99	134.46		134.86	0.009386	2.97	7.95	6.08	0.67
Scalai	Scalai	9	Max WS	TR200_02-Affluent	20.56	131.99	134.44		134.85	0.009555	2.99	7.82	6.02	0.68
Scalai	Scalai	9	Max WS	TR200_03-Affluent	20.04	131.99	134.40		134.81	0.009701	2.98	7.60	5.94	0.68
Scalai	Scalai	8.6	Max WS	TR30_01-Affluent	18.91	131.91	134.28	133.84	134.63	0.007307	2.71	7.76	5.66	0.59
Scalai	Scalai	8.6	Max WS	TR30_02-Affluent	16.57	131.91	134.12	133.67	134.46	0.007307	2.63	6.92	5.31	0.59
Scalai	Scalai	8.6	Max WS	TR30_03-Affluent	13.94	131.91	133.94	133.42	134.25	0.007304	2.51	5.96	4.88	0.60
Scalai	Scalai	8.6	Max WS	TR200_01-Affluent	21.05	131.91	134.41	133.96	134.77	0.007304	2.78	8.51	5.95	0.59
Scalai	Scalai	8.6	Max WS	TR200_02-Affluent	20.66	131.91	134.38	133.94	134.74	0.007303	2.77	8.38	5.90	0.59
Scalai	Scalai	8.6	Max WS	TR200_03-Affluent	20.05	131.91	134.35	133.90	134.70	0.007305	2.75	8.16	5.82	0.59
Scalai	Scalai	8.4	Max WS	TR30_01-Affluent	18.91	131.59	133.30	133.45	134.30	0.029592	4.44	4.26	2.85	1.16
Scalai	Scalai	8.4	Max WS	TR30_02-Affluent	16.57	131.59	133.17	133.32	134.09	0.028764	4.25	3.90	2.81	1.15
Scalai	Scalai	8.4	Max WS	TR30_03-Affluent	13.94	131.59	133.02	133.14	133.84	0.027725	4.02	3.47	2.76	1.15
Scalai	Scalai	8.4	Max WS	TR200_01-Affluent	21.04	131.59	133.44	133.68	134.48	0.028755	4.50	4.68	2.90	1.13
Scalai	Scalai	8.4	Max WS	TR200_02-Affluent	20.66	131.59	133.41	133.65	134.45	0.029129	4.50	4.59	2.89	1.14
Scalai	Scalai	8.4	Max WS	TR200_03-Affluent	20.05	131.59	133.36	133.60	134.40	0.029803	4.51	4.44	2.87	1.16
Scalai	Scalai	8	Max WS	TR30_01-Affluent	18.92	131.44	132.96		133.46	0.011840	3.13	6.05	5.29	0.93
Scalai	Scalai	8	Max WS	TR30_02-Affluent	16.58	131.44	132.84	132.79	133.31	0.012105	3.04	5.46	5.15	0.94
Scalai	Scalai	8	Max WS	TR30_03-Affluent	13.95	131.44	132.71	132.67	133.14	0.012510	2.92	4.77	4.98	0.95
Scalai	Scalai	8	Max WS	TR200_01-Affluent	21.08	131.44	133.10		133.59	0.010495	3.08	6.84	5.48	0.88
Scalai	Scalai	8	Max WS	TR200_02-Affluent	20.68	131.44	133.07		133.56	0.010886	3.11	6.66	5.43	0.90
Scalai	Scalai	8	Max WS	TR200_03-Affluent	20.06	131.44	133.02		133.52	0.011587	3.15	6.37	5.37	0.92
Scalai	Scalai	7	Max WS	TR30_01-Affluent	18.95	131.03	132.73		133.26	0.012266	3.20	5.92	4.67	0.91
Scalai	Scalai	7	Max WS	TR30_02-Affluent	16.60	131.03	132.62		133.10	0.012080	3.08	5.40	4.54	0.90
Scalai	Scalai	7	Max WS	TR30_03-Affluent	13.96	131.03	132.48		132.92	0.011862	2.92	4.78	4.37	0.89
Scalai	Scalai	7	Max WS	TR200_01-Affluent	22.15	131.03	132.88		133.45	0.012475	3.35	6.61	4.85	0.92
Scalai	Scalai	7	Max WS	TR200_02-Affluent	21.41	131.03	132.84		133.41	0.012436	3.32	6.45	4.81	0.92
Scalai	Scalai	7	Max WS	TR200_03-Affluent	20.21	131.03	132.79		133.33	0.012355	3.26	6.19	4.74	0.91
Scalai	Scalai	6	Max WS	TR30_01-Affluent	18.96	131.00	132.59		132.99	0.008599	2.80	6.78	5.57	0.81
Scalai	Scalai	6	Max WS	TR30_02-Affluent	16.61	131.00	132.48		132.85	0.008523	2.69	6.18	5.41	0.80
Scalai	Scalai	6	Max WS	TR30_03-Affluent	13.97	131.00	132.35		132.68	0.008449	2.55	5.47	5.21	0.80
Scalai	Scalai	6	Max WS	TR200_01-Affluent	22.18	131.00	132.73		133.17	0.008687	2.93	7.57	5.78	0.82
Scalai	Scalai	6	Max WS	TR200_02-Affluent	21.43	131.00	132.70		133.13	0.008674	2.90	7.39	5.73	0.82
Scalai	Scalai	6	Max WS	TR200_03-Affluent	20.22	131.00	132.65		133.06	0.008645	2.85	7.09	5.65	0.81
Scalai	Scalai	5	Max WS	TR30_01-Affluent	18.97	130.83	132.51		132.83	0.008277	2.48	7.63	6.12	0.71
Scalai	Scalai	5	Max WS	TR30_02-Affluent	16.62	130.83	132.41		132.70	0.008150	2.38	6.99	5.95	0.70
Scalai	Scalai	5	Max WS	TR30_03-Affluent	13.98	130.83	132.28		132.53	0.008091	2.24	6.23	5.74	0.69
Scalai	Scalai	5	Max WS	TR200_01-Affluent	22.20	130.83	132.65		133.00	0.006425	2.62	8.48	6.35	0.72
Scalai	Scalai	5	Max WS	TR200_02-Affluent	21.44	130.83	132.62		132.96					

HEC-RAS Profile: Max WS (Continued)

River	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
Scalai	Scalai	3	Max WS	TR30_01-Affluent	18.99	129.00	129.89	129.91	130.30	0.013572	2.84	6.68	9.05	1.06
Scalai	Scalai	3	Max WS	TR30_02-Affluent	16.64	129.00	129.83	129.85	130.20	0.013509	2.71	6.14	8.92	1.04
Scalai	Scalai	3	Max WS	TR30_03-Affluent	14.00	129.00	129.75	129.76	130.09	0.013429	2.55	5.49	8.76	1.03
Scalai	Scalai	3	Max WS	TR200_01-Affluent	22.24	129.00	129.97	130.00	130.43	0.013634	3.00	7.41	9.23	1.07
Scalai	Scalai	3	Max WS	TR200_02-Affluent	21.48	129.00	129.95	129.98	130.40	0.013630	2.97	7.24	9.19	1.07
Scalai	Scalai	3	Max WS	TR200_03-Affluent	20.26	129.00	129.92	129.95	130.35	0.013597	2.91	6.97	9.12	1.06
Scalai	Scalai	2	Max WS	TR30_01-Affluent	19.03	128.36	129.20	129.52	130.19	0.038469	4.40	4.32	6.59	1.73
Scalai	Scalai	2	Max WS	TR30_02-Affluent	16.67	128.36	129.13	129.43	130.08	0.040829	4.31	3.87	6.41	1.77
Scalai	Scalai	2	Max WS	TR30_03-Affluent	14.02	128.36	129.05	129.33	129.94	0.044124	4.18	3.36	6.20	1.81
Scalai	Scalai	2	Max WS	TR200_01-Affluent	22.30	128.36	129.63	129.63	130.33	0.035768	4.51	4.94	6.83	1.69
Scalai	Scalai	2	Max WS	TR200_02-Affluent	21.53	128.36	129.27	129.60	130.30	0.036346	4.49	4.80	6.77	1.70
Scalai	Scalai	2	Max WS	TR200_03-Affluent	20.31	128.36	129.24	129.56	130.25	0.037349	4.45	4.57	6.68	1.72
Scalai	Scalai	1	Max WS	TR30_01-Affluent	19.03	127.40	128.67	128.74	129.27	0.015735	3.42	5.56	5.63	1.10
Scalai	Scalai	1	Max WS	TR30_02-Affluent	16.67	127.40	128.58	128.64	129.14	0.015854	3.30	5.05	5.46	1.10
Scalai	Scalai	1	Max WS	TR30_03-Affluent	14.02	127.40	128.46	128.52	128.98	0.016486	3.17	4.42	5.31	1.11
Scalai	Scalai	1	Max WS	TR200_01-Affluent	22.30	127.40	128.79	128.87	129.44	0.015599	3.57	6.25	5.85	1.10
Scalai	Scalai	1	Max WS	TR200_02-Affluent	21.53	127.40	128.76	128.84	129.40	0.015625	3.53	6.09	5.80	1.10
Scalai	Scalai	1	Max WS	TR200_03-Affluent	20.31	127.40	128.72	128.79	129.34	0.015672	3.48	5.84	5.72	1.10
Scalai	Scalai	0.5	Max WS	TR30_01-Affluent	19.03	126.95	128.27	128.38	128.79	0.018242	3.19	5.96	8.29	1.20
Scalai	Scalai	0.5	Max WS	TR30_02-Affluent	16.67	126.95	128.18	128.29	128.69	0.019420	3.17	5.26	7.72	1.23
Scalai	Scalai	0.5	Max WS	TR30_03-Affluent	14.02	126.95	128.07	128.19	128.57	0.017630	3.15	4.45	6.02	1.17
Scalai	Scalai	0.5	Max WS	TR200_01-Affluent	22.30	126.95	128.39	128.47	128.91	0.016571	3.19	6.98	9.06	1.16
Scalai	Scalai	0.5	Max WS	TR200_02-Affluent	21.53	126.95	128.36	128.45	128.88	0.016930	3.19	6.74	8.89	1.17
Scalai	Scalai	0.5	Max WS	TR200_03-Affluent	20.31	126.95	128.32	128.42	128.83	0.017539	3.19	6.36	8.60	1.19
Scalai	Scalai	0	Max WS	TR30_01-Affluent	19.03	126.50	127.59	128.03	129.03	0.049964	5.31	3.58	4.29	1.86
Scalai	Scalai	0	Max WS	TR30_02-Affluent	16.67	126.50	127.51	127.92	128.85	0.049940	5.12	3.26	4.16	1.85
Scalai	Scalai	0	Max WS	TR30_03-Affluent	14.02	126.50	127.42	127.80	128.63	0.049945	4.87	2.88	4.01	1.84
Scalai	Scalai	0	Max WS	TR200_01-Affluent	22.30	126.50	127.69	128.17	129.26	0.049924	5.55	4.02	4.46	1.87
Scalai	Scalai	0	Max WS	TR200_02-Affluent	21.53	126.50	127.66	128.14	129.20	0.049925	5.50	3.92	4.42	1.86
Scalai	Scalai	0	Max WS	TR200_03-Affluent	20.31	126.50	127.63	128.08	129.12	0.049950	5.41	3.75	4.36	1.86
Rio Castagnolo	Rio Castagnolo	50	Max WS	TR30_01-Castagnolo	10.23	116.00	117.20	117.23	117.56	0.012616	2.77	4.34	7.17	0.91
Rio Castagnolo	Rio Castagnolo	50	Max WS	TR30_02-Castagnolo	8.13	116.00	117.05	117.13	117.44	0.016246	2.84	3.21	7.17	1.03
Rio Castagnolo	Rio Castagnolo	50	Max WS	TR30_03-Castagnolo	6.74	116.00	116.95	117.05	117.34	0.017952	2.77	2.55	5.93	1.07
Rio Castagnolo	Rio Castagnolo	50	Max WS	TR200_01-Castagnolo	18.92	116.00	117.47	117.56	118.04	0.016568	3.61	6.26	7.18	1.05
Rio Castagnolo	Rio Castagnolo	50	Max WS	TR200_02-Castagnolo	14.39	116.00	117.35	117.41	117.80	0.014272	3.18	5.40	7.18	0.97
Rio Castagnolo	Rio Castagnolo	50	Max WS	TR200_03-Castagnolo	11.52	116.00	117.26	117.29	117.64	0.012808	2.87	4.74	7.18	0.92
Rio Castagnolo	Rio Castagnolo	49.8		Lat Struct										
Rio Castagnolo	Rio Castagnolo	49	Max WS	TR30_01-Castagnolo	9.43	115.74	117.11	116.94	117.29	0.005795	2.04	5.51	7.17	0.62
Rio Castagnolo	Rio Castagnolo	49	Max WS	TR30_02-Castagnolo	8.13	115.74	116.92	116.88	117.16	0.008940	2.29	4.15	7.17	0.77
Rio Castagnolo	Rio Castagnolo	49	Max WS	TR30_03-Castagnolo	6.73	115.74	116.80	116.79	117.06	0.010235	2.28	3.33	7.17	0.82
Rio Castagnolo	Rio Castagnolo	49	Max WS	TR200_01-Castagnolo	11.83	115.74	117.33	117.04	117.50	0.004545	1.98	7.13	7.17	0.55
Rio Castagnolo	Rio Castagnolo	49	Max WS	TR200_02-Castagnolo	10.63	115.74	117.25	116.99	117.41	0.004671	1.95	6.52	7.17	0.56
Rio Castagnolo	Rio Castagnolo	49	Max WS	TR200_03-Castagnolo	9.76	115.74	117.17	116.95	117.34	0.005030	1.95	5.96	7.17	0.58
Rio Castagnolo	Rio Castagnolo	48.5		Int Struct										
Rio Castagnolo	Rio Castagnolo	48	Max WS	TR30_01-Castagnolo	9.43	113.64	117.12		117.13	0.000146	0.51	18.50	6.14	0.09
Rio Castagnolo	Rio Castagnolo	48	Max WS	TR30_02-Castagnolo	8.11	113.64	116.34		116.36	0.000242	0.59	13.73	6.13	0.13
Rio Castagnolo	Rio Castagnolo	48	Max WS	TR30_03-Castagnolo	6.73	113.64	115.48		115.51	0.000635	0.79	8.48	5.94	0.21
Rio Castagnolo	Rio Castagnolo	48	Max WS	TR200_01-Castagnolo	11.83	113.64	117.35		117.36	0.000190	0.59	19.89	6.14	0.11
Rio Castagnolo	Rio Castagnolo	48	Max WS	TR200_02-Castagnolo	10.63	113.64	117.26		117.28	0.000164	0.55	19.37	6.14	0.10
Rio Castagnolo	Rio Castagnolo	48	Max WS	TR200_03-Castagnolo	9.76	113.64	117.18		117.19	0.000148	0.52	18.88	6.14	0.09
Rio Castagnolo	Rio Castagnolo	47.8		Lat Struct										
Rio Castagnolo	Rio Castagnolo	47	Max WS	TR30_01-Castagnolo	9.01	113.60	117.12		117.13	0.000145	0.51	17.78	6.14	0.10
Rio Castagnolo	Rio Castagnolo	47	Max WS	TR30_02-Castagnolo	8.11	113.60	116.34		116.36	0.000274	0.62	12.99	6.13	0.14
Rio Castagnolo	Rio Castagnolo	47	Max WS	TR30_03-Castagnolo	6.73	113.60	115.47		115.51	0.000804	0.87	7.70	5.88	0.24
Rio Castagnolo	Rio Castagnolo	47	Max WS	TR200_01-Castagnolo	8.05	113.60	117.36		117.37	0.000093	0.42	19.27	6.14	0.08
Rio Castagnolo	Rio Castagnolo	47	Max WS	TR200_02-Castagnolo	8.41	113.60	117.27		117.28	0.000110	0.45	18.70	6.14	0.08
Rio Castagnolo	Rio Castagnolo	47	Max WS	TR200_03-Castagnolo	8.66	113.60	117.18		117.20	0.000126	0.48	18.18	6.14	0.09
Rio Castagnolo	Rio Castagnolo	46	Max WS	TR30_01-Castagnolo	9.20	112.65	117.03		117.14	0.000331	1.44	6.39	6.14	0.22
Rio Castagnolo	Rio Castagnolo	46	Max WS	TR30_02-Castagnolo	8.11	112.65	116.22		116.35	0.000518	1.56	5.19	6.14	0.27
Rio Castagnolo	Rio Castagnolo	46	Max WS	TR30_03-Castagnolo	6.73	112.65	115.34		115.49	0.000957	1.74	3.86	6.12	0.35
Rio Castagnolo	Rio Castagnolo	46	Max WS	TR200_01-Castagnolo	9.51	112.65	117.28		117.38	0.000293	1.41	6.77	6.14	0.21
Rio Castagnolo	Rio Castagnolo	46	Max WS	TR200_02-Castagnolo	9.45	112.65	117.23		117.33	0.000300	1.41	6.70	6.14	0.21
Rio Castagnolo	Rio Castagnolo	46	Max WS	TR200_03-Castagnolo	9.31	112.65	117.12		117.22	0.000317	1.43	6.52	6.14	0.22
Rio Castagnolo	Rio Castagnolo	45.5		Culvert										
Rio Castagnolo	Rio Castagnolo	45	Max WS	TR30_01-Castagnolo	9.20	104.77	106.04	106.34	107.24	0.017793	4.86	1.89	4.01	1.38
Rio Castagnolo	Rio Castagnolo	45	Max WS	TR30_02-Castagnolo	8.11	104.77	105.93	106.21	107.05	0.018394	4.67	1.74	3.98	1.39
Rio Castagnolo	Rio Castagnolo	45	Max WS	TR30_03-Castagnolo	6.73	104.77	105.79	106.04	106.78	0.019404	4.40	1.53	3.93	1.39
Rio Castagnolo	Rio Castagnolo	45	Max WS	TR200_01-Castagnolo	9.50	104.77	106.06	106.37	107.30	0.017641	4.91	1.93	4.02	1.38
Rio Castagnolo	Rio Castagnolo	45	Max WS	TR200_02-Castagnolo	9.45	104.77	106.06	106.36	107.29	0.017747	4.91	1.92	4.02	1.39
Rio Castagnolo	Rio Castagnolo	45	Max WS	TR200_03-Castagnolo	9.31	104.77	106.05	106.35	107.26	0.017775	4.89	1.90	4.01	1.38
Rio Castagnolo	Rio Castagnolo	44.9		Lat Struct										
Rio Castagnolo	Rio Castagnolo	44.8		Lat Struct										
Rio Castagnolo	Rio Castagnolo	44	Max WS	TR30_01-Castagnolo	9.18	104.65	105.73	105.49	105.96	0.007674	2.14	4.29	4.17	0.67
Rio Castagnolo	Rio Castagnolo	44	Max WS	TR30_02-Castagnolo	8.11	104.65	105.65	105.42	105.86	0.007612	2.05	3.95	4.17	0.67
Rio Castagnolo	Rio Castagnolo	44	Max WS	TR30_03-Castagnolo	6.73	104.65	105.53	105.34	105.72	0.007552	1.93	3.49	4.17	0.67
Rio Castagnolo	Rio Castagnolo	44	Max WS	TR200_01-Castagnolo	9.49	104.65	105.75	105.50	105.99	0.007694	2.16	4.38	4.17	0.67
Rio Castagnolo	Rio Castagnolo	44	Max WS	TR200_02-Castagnolo	9.40	104.65	105.74	105.50	105.98	0.007712	2.16	4.35	4.17	0.67
Rio Castagnolo	Rio Castagnolo	44	Max WS	TR200_03-Castagnolo	9.28	104.65	105.73	105.49	105.97	0.007694	2.15	4.32	4.17	0.67
Rio Castagnolo	Rio Castagnolo	43.5		Int Struct										
Rio Castagnolo	Rio Castagnolo	43	Max WS	TR30_01-Castagnolo	9.18	103.86	104.88		105.24	0.013236	2.67	3.44	3.74	0.89
Rio Castagnolo	Rio Castagnolo	43	Max WS	TR30_02-Castagnolo	8.11	103.86	104.79		105.13	0.013696	2.60	3.12	3.74	0.91
Rio Castagnolo	Rio Castagnolo	43	Max WS	TR30_03-Castagnolo	6.73	103.86	104.67	104.64	104.99	0.014586	2.50	2.69	3.74	0.94
Rio Castagnolo	Rio Castagnolo	43	Max WS	TR200_01-Castagnolo	9.49	103.86	104.90		105.27	0.013128	2.69	3.53	3.74	0.88

HEC-RAS Profile: Max WS (Continued)

River	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
Rio Castagnolo	Rio Castagnolo	41	Max WS	TR30_01-Castagnolo	9.17	103.58	104.76	104.50	105.01	0.008048	2.22	4.13	3.75	0.68
Rio Castagnolo	Rio Castagnolo	41	Max WS	TR30_02-Castagnolo	8.11	103.58	104.67	104.43	104.90	0.007972	2.14	3.80	3.74	0.68
Rio Castagnolo	Rio Castagnolo	41	Max WS	TR30_03-Castagnolo	6.73	103.58	104.55	104.34	104.75	0.007884	2.01	3.35	3.72	0.68
Rio Castagnolo	Rio Castagnolo	41	Max WS	TR200_01-Castagnolo	9.48	103.58	104.78	104.52	105.04	0.008076	2.25	4.22	3.75	0.68
Rio Castagnolo	Rio Castagnolo	41	Max WS	TR200_02-Castagnolo	9.36	103.58	104.77	104.51	105.03	0.008066	2.24	4.18	3.75	0.68
Rio Castagnolo	Rio Castagnolo	41	Max WS	TR200_03-Castagnolo	9.25	103.58	104.76	104.51	105.02	0.008059	2.23	4.15	3.75	0.68
Rio Castagnolo	Rio Castagnolo	40.9												
Rio Castagnolo	Rio Castagnolo	40.8												
Rio Castagnolo	Rio Castagnolo	40	Max WS	TR30_01-Castagnolo	9.17	103.56	104.75	104.49	105.00	0.008042	2.22	4.13	3.75	0.68
Rio Castagnolo	Rio Castagnolo	40	Max WS	TR30_02-Castagnolo	8.11	103.56	104.66	104.42	104.89	0.007959	2.13	3.80	3.74	0.68
Rio Castagnolo	Rio Castagnolo	40	Max WS	TR30_03-Castagnolo	6.73	103.56	104.54	104.33	104.75	0.007861	2.01	3.35	3.72	0.68
Rio Castagnolo	Rio Castagnolo	40	Max WS	TR200_01-Castagnolo	9.48	103.56	104.77	104.51	105.03	0.008064	2.24	4.22	3.75	0.68
Rio Castagnolo	Rio Castagnolo	40	Max WS	TR200_02-Castagnolo	9.36	103.56	104.76	104.50	105.02	0.008057	2.24	4.19	3.75	0.68
Rio Castagnolo	Rio Castagnolo	40	Max WS	TR200_03-Castagnolo	9.25	103.56	104.76	104.49	105.01	0.008046	2.23	4.15	3.75	0.68
Rio Castagnolo	Rio Castagnolo	39.5												
Rio Castagnolo	Rio Castagnolo	39	Max WS	TR30_01-Castagnolo	9.17	102.11	103.73		103.87	0.003475	1.65	5.56	3.98	0.45
Rio Castagnolo	Rio Castagnolo	39	Max WS	TR30_02-Castagnolo	8.11	102.11	103.68		103.80	0.003003	1.51	5.36	3.98	0.42
Rio Castagnolo	Rio Castagnolo	39	Max WS	TR30_03-Castagnolo	6.73	102.11	103.59		103.68	0.002549	1.35	4.97	3.98	0.39
Rio Castagnolo	Rio Castagnolo	39	Max WS	TR200_01-Castagnolo	9.47	102.11	103.75		103.89	0.003594	1.68	5.62	3.98	0.45
Rio Castagnolo	Rio Castagnolo	39	Max WS	TR200_02-Castagnolo	9.36	102.11	103.74		103.89	0.003553	1.67	5.60	3.98	0.45
Rio Castagnolo	Rio Castagnolo	39	Max WS	TR200_03-Castagnolo	9.25	102.11	103.74		103.88	0.003507	1.66	5.58	3.98	0.45
Rio Castagnolo	Rio Castagnolo	38	Max WS	TR30_01-Castagnolo	8.22	102.34	103.62	103.33	103.91	0.009946	2.37	3.47	2.74	0.67
Rio Castagnolo	Rio Castagnolo	38	Max WS	TR30_02-Castagnolo	7.59	102.34	103.56	103.28	103.83	0.009793	2.31	3.29	2.74	0.67
Rio Castagnolo	Rio Castagnolo	38	Max WS	TR30_03-Castagnolo	6.62	102.34	103.45	103.20	103.70	0.009545	2.21	3.00	2.74	0.67
Rio Castagnolo	Rio Castagnolo	38	Max WS	TR200_01-Castagnolo	8.41	102.34	103.64	103.34	103.93	0.010000	2.39	3.52	2.74	0.67
Rio Castagnolo	Rio Castagnolo	38	Max WS	TR200_02-Castagnolo	8.34	102.34	103.64	103.34	103.92	0.009980	2.38	3.50	2.74	0.67
Rio Castagnolo	Rio Castagnolo	38	Max WS	TR200_03-Castagnolo	8.27	102.34	103.63	103.33	103.92	0.009963	2.38	3.48	2.74	0.67
Rio Castagnolo	Rio Castagnolo	37.5												
Rio Castagnolo	Rio Castagnolo	37	Max WS	TR30_01-Castagnolo	8.22	101.49	103.25		103.40	0.004279	1.72	4.78	2.74	0.42
Rio Castagnolo	Rio Castagnolo	37	Max WS	TR30_02-Castagnolo	7.59	101.49	103.18		103.32	0.004073	1.66	4.58	2.74	0.41
Rio Castagnolo	Rio Castagnolo	37	Max WS	TR30_03-Castagnolo	6.62	101.49	103.07		103.19	0.003792	1.55	4.27	2.74	0.40
Rio Castagnolo	Rio Castagnolo	37	Max WS	TR200_01-Castagnolo	8.41	101.49	103.27		103.43	0.004342	1.74	4.84	2.74	0.42
Rio Castagnolo	Rio Castagnolo	37	Max WS	TR200_02-Castagnolo	8.34	101.49	103.27		103.42	0.004319	1.73	4.81	2.74	0.42
Rio Castagnolo	Rio Castagnolo	37	Max WS	TR200_03-Castagnolo	8.27	101.49	103.26		103.41	0.004297	1.73	4.79	2.74	0.42
Rio Castagnolo	Rio Castagnolo	36	Max WS	TR30_01-Castagnolo	8.22	101.76	103.12	102.81	103.42	0.010316	2.42	3.40	2.59	0.67
Rio Castagnolo	Rio Castagnolo	36	Max WS	TR30_02-Castagnolo	7.59	101.76	103.06	102.76	103.34	0.010135	2.35	3.23	2.59	0.67
Rio Castagnolo	Rio Castagnolo	36	Max WS	TR30_03-Castagnolo	6.62	101.76	102.95	102.68	103.20	0.009847	2.25	2.95	2.59	0.67
Rio Castagnolo	Rio Castagnolo	36	Max WS	TR200_01-Castagnolo	8.41	101.76	103.14	102.83	103.45	0.010374	2.43	3.45	2.59	0.67
Rio Castagnolo	Rio Castagnolo	36	Max WS	TR200_02-Castagnolo	8.33	101.76	103.13	102.82	103.44	0.010351	2.43	3.43	2.59	0.67
Rio Castagnolo	Rio Castagnolo	36	Max WS	TR200_03-Castagnolo	8.27	101.76	103.13	102.82	103.43	0.010333	2.42	3.42	2.59	0.67
Rio Castagnolo	Rio Castagnolo	35.5												
Rio Castagnolo	Rio Castagnolo	35	Max WS	TR30_01-Castagnolo	8.22	100.71	102.24		102.47	0.007593	2.15	3.82	2.59	0.56
Rio Castagnolo	Rio Castagnolo	35	Max WS	TR30_02-Castagnolo	7.59	100.71	102.17		102.39	0.007340	2.08	3.65	2.59	0.56
Rio Castagnolo	Rio Castagnolo	35	Max WS	TR30_03-Castagnolo	6.62	100.71	102.06		102.26	0.006918	1.97	3.36	2.59	0.55
Rio Castagnolo	Rio Castagnolo	35	Max WS	TR200_01-Castagnolo	8.41	100.71	102.26		102.50	0.007674	2.17	3.88	2.59	0.57
Rio Castagnolo	Rio Castagnolo	35	Max WS	TR200_02-Castagnolo	8.33	100.71	102.25		102.49	0.007643	2.16	3.85	2.59	0.57
Rio Castagnolo	Rio Castagnolo	35	Max WS	TR200_03-Castagnolo	8.27	100.71	102.24		102.48	0.007616	2.16	3.84	2.59	0.57
Rio Castagnolo	Rio Castagnolo	34	Max WS	TR30_01-Castagnolo	8.22	100.80	102.17		102.52	0.012896	2.64	3.11	2.52	0.76
Rio Castagnolo	Rio Castagnolo	34	Max WS	TR30_02-Castagnolo	7.59	100.80	102.10		102.44	0.012744	2.58	2.94	2.52	0.76
Rio Castagnolo	Rio Castagnolo	34	Max WS	TR30_03-Castagnolo	6.62	100.80	102.00		102.31	0.012501	2.47	2.68	2.52	0.77
Rio Castagnolo	Rio Castagnolo	34	Max WS	TR200_01-Castagnolo	8.41	100.80	102.19		102.55	0.012950	2.66	3.16	2.52	0.76
Rio Castagnolo	Rio Castagnolo	34	Max WS	TR200_02-Castagnolo	8.33	100.80	102.18		102.54	0.012926	2.65	3.14	2.52	0.76
Rio Castagnolo	Rio Castagnolo	34	Max WS	TR200_03-Castagnolo	8.27	100.80	102.17		102.53	0.012916	2.65	3.12	2.52	0.76
Rio Castagnolo	Rio Castagnolo	33	Max WS	TR30_01-Castagnolo	8.22	100.78	102.10	101.81	102.39	0.009829	2.38	3.46	2.72	0.67
Rio Castagnolo	Rio Castagnolo	33	Max WS	TR30_02-Castagnolo	7.59	100.78	102.04	101.76	102.31	0.009671	2.32	3.28	2.72	0.67
Rio Castagnolo	Rio Castagnolo	33	Max WS	TR30_03-Castagnolo	6.62	100.78	101.93	101.68	102.18	0.009424	2.21	2.99	2.72	0.67
Rio Castagnolo	Rio Castagnolo	33	Max WS	TR200_01-Castagnolo	8.41	100.78	102.12	101.82	102.42	0.009877	2.40	3.51	2.72	0.67
Rio Castagnolo	Rio Castagnolo	33	Max WS	TR200_02-Castagnolo	8.33	100.78	102.12	101.82	102.41	0.009856	2.39	3.49	2.72	0.67
Rio Castagnolo	Rio Castagnolo	33	Max WS	TR200_03-Castagnolo	8.27	100.78	102.11	101.81	102.40	0.009840	2.38	3.47	2.72	0.67
Rio Castagnolo	Rio Castagnolo	32.5												
Rio Castagnolo	Rio Castagnolo	32	Max WS	TR30_01-Castagnolo	8.22	100.12	101.42		101.72	0.010417	2.43	3.38	2.72	0.70
Rio Castagnolo	Rio Castagnolo	32	Max WS	TR30_02-Castagnolo	7.59	100.12	101.36		101.64	0.010184	2.36	3.22	2.72	0.69
Rio Castagnolo	Rio Castagnolo	32	Max WS	TR30_03-Castagnolo	6.62	100.12	101.26		101.52	0.009808	2.25	2.95	2.72	0.69
Rio Castagnolo	Rio Castagnolo	32	Max WS	TR200_01-Castagnolo	8.41	100.12	101.44		101.74	0.010485	2.45	3.43	2.72	0.70
Rio Castagnolo	Rio Castagnolo	32	Max WS	TR200_02-Castagnolo	8.33	100.12	101.43		101.73	0.010461	2.44	3.41	2.72	0.70
Rio Castagnolo	Rio Castagnolo	32	Max WS	TR200_03-Castagnolo	8.27	100.12	101.42		101.73	0.010440	2.43	3.40	2.72	0.70
Rio Castagnolo	Rio Castagnolo	31	Max WS	TR30_01-Castagnolo	8.22	100.10	101.36		101.76	0.014640	2.77	2.97	2.58	0.83
Rio Castagnolo	Rio Castagnolo	31	Max WS	TR30_02-Castagnolo	7.59	100.10	101.30		101.68	0.014449	2.70	2.81	2.58	0.83
Rio Castagnolo	Rio Castagnolo	31	Max WS	TR30_03-Castagnolo	6.62	100.10	101.21		101.55	0.014152	2.59	2.56	2.58	0.83
Rio Castagnolo	Rio Castagnolo	31	Max WS	TR200_01-Castagnolo	8.41	100.10	101.38		101.78	0.014698	2.79	3.01	2.58	0.83
Rio Castagnolo	Rio Castagnolo	31	Max WS	TR200_02-Castagnolo	8.33	100.10	101.38		101.77	0.014683	2.78	2.99	2.58	0.83
Rio Castagnolo	Rio Castagnolo	31	Max WS	TR200_03-Castagnolo	8.27	100.10	101.37		101.76	0.014660	2.78	2.98	2.58	0.83
Rio Castagnolo	Rio Castagnolo	30	Max WS	TR30_01-Castagnolo	8.22	100.08	101.29	101.02	101.54	0.008541	2.24	3.67	3.27	0.67
Rio Castagnolo	Rio Castagnolo	30	Max WS	TR30_02-Castagnolo	7.59	100.08	101.23	100.98	101.47	0.008447	2.18	3.49	3.27	0.67
Rio Castagnolo	Rio Castagnolo	30	Max WS	TR30_03-Castagnolo	6.62	100.08	101.14	100.91	101.36	0.008305	2.08	3.18	3.27	0.67
Rio Castagnolo	Rio Castagnolo	30	Max WS	TR200_01-Castagnolo	8.41	100.08	101.30	101.04	101.56	0.008566	2.25	3.73	3.27	0.67
Rio Castagnolo	Rio Castagnolo	30	Max WS	TR200_02-Castagnolo	8.33	100.08	101.30	101.03	101.56	0.008553	2.25	3.71	3.27	0.67
Rio Castagnolo	Rio Castagnolo	30	Max WS	TR200_03-Castagnolo	8.27	100.08	101.29	101.03	101.55	0.008546	2.24	3.69	3.27	0.67
Rio Castagnolo	Rio Castagnolo	29.5												
Rio Castagnolo	Rio Castagnolo	29	Max WS	TR30_01-Castagnolo	8.22	99.33	100.59		100.82	0.007582	2.14	3.84	3.27	0.63
Rio Castagnolo	Rio Castagnolo	29	Max WS	TR30_02-Castagnolo	7.59	99.33	100.54		100.76	0.007267	2.06	3.68	3.27	0.62
Rio Castagnolo	Rio Castagnolo	29	Max WS	TR30_03-Castagnolo	6.62	99.33	100.46		100.65	0.006739	1.93	3.43	3.27	0.60
Rio Castagnolo	Rio Castagnolo	29	Max WS	TR200_01-Castagnolo	8.41	99.33	100.60		100.84	0.007674	2.17	3.88	3.27	0.63
Rio Castagnolo	Rio Castagnolo	29	Max WS	TR200_02-Castagnolo	8.33	99.33	100.60		100.83					

River	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
Rio Castagnolo	Rio Castagnolo	28	Max WS	TR200_03-Castagnolo	8.27	99.24	100.56	100.41	100.83	0.009988	2.32	3.57	3.91	0.77
Rio Taglio	Rio Taglio	32.2	Max WS	TR30_01-Affluenti	13.77	174.13	175.72		175.89	0.004112	1.84	7.52	8.15	0.60
Rio Taglio	Rio Taglio	32.2	Max WS	TR30_02-Affluenti	11.85	174.13	175.62		175.78	0.004263	1.77	6.72	7.78	0.60
Rio Taglio	Rio Taglio	32.2	Max WS	TR30_03-Affluenti	9.91	174.13	175.50		175.65	0.004479	1.70	5.84	7.33	0.61
Rio Taglio	Rio Taglio	32.2	Max WS	TR200_01-Affluenti	24.61	174.13	176.16		176.41	0.003619	2.20	11.74	11.06	0.60
Rio Taglio	Rio Taglio	32.2	Max WS	TR200_02-Affluenti	20.26	174.13	176.00		176.22	0.003781	2.07	10.04	9.86	0.60
Rio Taglio	Rio Taglio	32.2	Max WS	TR200_03-Affluenti	16.45	174.13	175.84		176.03	0.003997	1.94	8.57	8.68	0.60
Rio Taglio	Rio Taglio	32.1	Max WS	TR30_01-Affluenti	13.76	174.13	175.71	175.39	175.89	0.004184	1.85	7.48	8.13	0.60
Rio Taglio	Rio Taglio	32.1	Max WS	TR30_02-Affluenti	11.85	174.13	175.61	175.30	175.77	0.004350	1.78	6.67	7.76	0.61
Rio Taglio	Rio Taglio	32.1	Max WS	TR30_03-Affluenti	9.91	174.13	175.49	175.21	175.64	0.004566	1.71	5.80	7.30	0.61
Rio Taglio	Rio Taglio	32.1	Max WS	TR200_01-Affluenti	24.61	174.13	176.16	175.77	176.40	0.003661	2.21	11.69	11.03	0.60
Rio Taglio	Rio Taglio	32.1	Max WS	TR200_02-Affluenti	20.26	174.13	176.00	175.63	176.21	0.003833	2.08	9.99	9.82	0.60
Rio Taglio	Rio Taglio	32.1	Max WS	TR200_03-Affluenti	16.45	174.13	175.84	175.50	176.03	0.004068	1.95	8.52	8.64	0.60
Rio Taglio	Rio Taglio	32	Max WS	TR30_01-Affluenti	13.76	171.84	172.81	172.98	173.44	0.027262	3.52	3.91	6.36	1.43
Rio Taglio	Rio Taglio	32	Max WS	TR30_02-Affluenti	11.85	171.84	172.75	172.90	173.33	0.028708	3.39	3.50	6.33	1.46
Rio Taglio	Rio Taglio	32	Max WS	TR30_03-Affluenti	9.91	171.84	172.68	172.82	173.22	0.030617	3.25	3.05	6.29	1.49
Rio Taglio	Rio Taglio	32	Max WS	TR200_01-Affluenti	24.61	171.84	173.15	173.35	173.99	0.023126	4.06	6.06	6.54	1.35
Rio Taglio	Rio Taglio	32	Max WS	TR200_02-Affluenti	20.26	171.84	173.02	173.21	173.78	0.023959	3.85	5.26	6.48	1.36
Rio Taglio	Rio Taglio	32	Max WS	TR200_03-Affluenti	16.45	171.84	172.90	173.08	173.59	0.025587	3.66	4.49	6.41	1.40
Rio Taglio	Rio Taglio	31.1	Max WS	TR30_01-Affluenti	13.76	171.11	172.41	172.15	172.56	0.004366	1.67	8.22	10.87	0.61
Rio Taglio	Rio Taglio	31.1	Max WS	TR30_02-Affluenti	11.85	171.11	172.33	172.08	172.46	0.004472	1.62	7.31	10.31	0.62
Rio Taglio	Rio Taglio	31.1	Max WS	TR30_03-Affluenti	9.91	171.11	172.23	172.00	172.36	0.004597	1.56	6.35	9.70	0.62
Rio Taglio	Rio Taglio	31.1	Max WS	TR200_01-Affluenti	24.61	171.11	172.80	172.47	172.99	0.004094	1.91	12.92	13.36	0.62
Rio Taglio	Rio Taglio	31.1	Max WS	TR200_02-Affluenti	20.26	171.11	172.67	172.36	172.84	0.004084	1.81	11.20	12.51	0.61
Rio Taglio	Rio Taglio	31.1	Max WS	TR200_03-Affluenti	16.45	171.11	172.53	172.24	172.68	0.004234	1.73	9.48	11.59	0.61
Rio Taglio	Rio Taglio	31	Max WS	TR30_01-Affluenti	13.76	169.18	170.25	170.34	170.81	0.018208	3.31	4.16	5.13	1.17
Rio Taglio	Rio Taglio	31	Max WS	TR30_02-Affluenti	11.85	169.18	170.16	170.25	170.68	0.018592	3.18	3.73	5.01	1.18
Rio Taglio	Rio Taglio	31	Max WS	TR30_03-Affluenti	9.91	169.18	170.07	170.16	170.54	0.019092	3.03	3.27	4.87	1.18
Rio Taglio	Rio Taglio	31	Max WS	TR200_01-Affluenti	24.61	169.18	170.66	170.79	171.42	0.017367	3.86	6.37	5.71	1.17
Rio Taglio	Rio Taglio	31	Max WS	TR200_02-Affluenti	20.26	169.18	170.51	170.62	171.19	0.017543	3.66	5.53	5.50	1.17
Rio Taglio	Rio Taglio	31	Max WS	TR200_03-Affluenti	16.45	169.18	170.36	170.46	170.97	0.017854	3.47	4.75	5.29	1.17
Rio Taglio	Rio Taglio	30.1	Max WS	TR30_01-Affluenti	13.75	168.71	170.06	169.77	170.21	0.003982	1.70	8.09	9.19	0.58
Rio Taglio	Rio Taglio	30.1	Max WS	TR30_02-Affluenti	11.85	168.71	169.98	169.71	170.11	0.003963	1.63	7.28	9.00	0.58
Rio Taglio	Rio Taglio	30.1	Max WS	TR30_03-Affluenti	9.91	168.71	169.88	169.64	170.00	0.004065	1.55	6.41	8.79	0.58
Rio Taglio	Rio Taglio	30.1	Max WS	TR200_01-Affluenti	24.60	168.71	170.48	170.09	170.69	0.003645	2.03	12.37	11.66	0.59
Rio Taglio	Rio Taglio	30.1	Max WS	TR200_02-Affluenti	20.26	168.71	170.33	169.96	170.51	0.003722	1.91	10.67	10.61	0.58
Rio Taglio	Rio Taglio	30.1	Max WS	TR200_03-Affluenti	16.45	168.71	170.18	169.86	170.34	0.003827	1.79	9.18	9.59	0.58
Rio Taglio	Rio Taglio	30	Max WS	TR30_01-Affluenti	13.75	167.35	169.35		169.60	0.009895	2.23	6.18	7.68	0.79
Rio Taglio	Rio Taglio	30	Max WS	TR30_02-Affluenti	11.85	167.35	169.26		169.49	0.008579	2.13	5.56	6.37	0.73
Rio Taglio	Rio Taglio	30	Max WS	TR30_03-Affluenti	9.91	167.35	169.15		169.35	0.006259	2.00	4.95	4.55	0.61
Rio Taglio	Rio Taglio	30	Max WS	TR200_01-Affluenti	24.60	167.35	169.67		170.06	0.011267	2.79	8.82	8.65	0.88
Rio Taglio	Rio Taglio	30	Max WS	TR200_02-Affluenti	20.26	167.35	169.56		169.89	0.010715	2.57	7.88	8.41	0.85
Rio Taglio	Rio Taglio	30	Max WS	TR200_03-Affluenti	16.45	167.35	169.45		169.73	0.010199	2.36	6.97	8.18	0.82
Rio Taglio	Rio Taglio	29.1	Max WS	TR30_01-Affluenti	13.74	167.83	169.22	169.03	169.41	0.004584	2.00	8.28	17.58	0.65
Rio Taglio	Rio Taglio	29.1	Max WS	TR30_02-Affluenti	11.85	167.83	169.14	168.94	169.32	0.004858	1.94	6.91	16.07	0.66
Rio Taglio	Rio Taglio	29.1	Max WS	TR30_03-Affluenti	9.91	167.83	169.05	168.85	169.22	0.004897	1.82	5.76	11.09	0.65
Rio Taglio	Rio Taglio	29.1	Max WS	TR200_01-Affluenti	24.60	167.83	169.52	169.42	169.76	0.004393	2.35	14.48	22.27	0.66
Rio Taglio	Rio Taglio	29.1	Max WS	TR200_02-Affluenti	20.26	167.83	169.42	169.31	169.64	0.004444	2.23	12.15	21.27	0.66
Rio Taglio	Rio Taglio	29.1	Max WS	TR200_03-Affluenti	16.45	167.83	169.31	169.19	169.52	0.004420	2.09	10.02	19.33	0.65
Rio Taglio	Rio Taglio	29	Max WS	TR30_01-Affluenti	13.74	166.09	167.66		167.98	0.007700	2.50	5.50	4.64	0.73
Rio Taglio	Rio Taglio	29	Max WS	TR30_02-Affluenti	11.85	166.09	167.57		167.85	0.007131	2.33	5.08	4.58	0.71
Rio Taglio	Rio Taglio	29	Max WS	TR30_03-Affluenti	9.91	166.09	167.48		167.71	0.006405	2.13	4.65	4.51	0.67
Rio Taglio	Rio Taglio	29	Max WS	TR200_01-Affluenti	24.60	166.09	168.11		168.64	0.009898	3.22	7.65	4.95	0.83
Rio Taglio	Rio Taglio	29	Max WS	TR200_02-Affluenti	20.26	166.09	167.95		168.39	0.009011	2.95	6.87	4.84	0.79
Rio Taglio	Rio Taglio	29	Max WS	TR200_03-Affluenti	16.45	166.09	167.78		168.16	0.008333	2.71	6.08	4.73	0.76
Rio Taglio	Rio Taglio	28.1	Max WS	TR30_01-Affluenti	13.74	166.49	167.61	167.35	167.74	0.003877	1.63	8.59	11.67	0.59
Rio Taglio	Rio Taglio	28.1	Max WS	TR30_02-Affluenti	11.85	166.49	167.53	167.29	167.65	0.003964	1.57	7.67	11.18	0.59
Rio Taglio	Rio Taglio	28.1	Max WS	TR30_03-Affluenti	9.91	166.49	167.44	167.22	167.55	0.004072	1.49	6.71	10.64	0.59
Rio Taglio	Rio Taglio	28.1	Max WS	TR200_01-Affluenti	24.60	166.49	167.99	167.65	168.17	0.003578	1.90	13.46	13.99	0.59
Rio Taglio	Rio Taglio	28.1	Max WS	TR200_02-Affluenti	20.26	166.49	167.85	167.54	168.01	0.003673	1.81	11.57	13.14	0.59
Rio Taglio	Rio Taglio	28.1	Max WS	TR200_03-Affluenti	16.45	166.49	167.72	167.43	167.86	0.003778	1.71	9.86	12.32	0.59
Rio Taglio	Rio Taglio	28	Max WS	TR30_01-Affluenti	13.74	165.13	166.84		167.00	0.003123	1.78	7.86	7.41	0.52
Rio Taglio	Rio Taglio	28	Max WS	TR30_02-Affluenti	11.85	165.13	166.72		166.87	0.003219	1.71	6.99	6.93	0.52
Rio Taglio	Rio Taglio	28	Max WS	TR30_03-Affluenti	9.91	165.13	166.59		166.72	0.003262	1.62	6.14	6.43	0.52
Rio Taglio	Rio Taglio	28	Max WS	TR200_01-Affluenti	24.60	165.13	167.47		167.66	0.002259	1.99	13.66	11.19	0.47
Rio Taglio	Rio Taglio	28	Max WS	TR200_02-Affluenti	20.26	165.13	167.23		167.42	0.002538	1.93	11.21	9.77	0.49
Rio Taglio	Rio Taglio	28	Max WS	TR200_03-Affluenti	16.45	165.13	167.02		167.19	0.002827	1.84	9.23	8.41	0.51
Rio Taglio	Rio Taglio	27	Max WS	TR30_01-Affluenti	13.74	165.35	166.73	166.53	167.11	0.008222	2.73	5.04	4.67	0.77
Rio Taglio	Rio Taglio	27	Max WS	TR30_02-Affluenti	11.85	165.35	166.61	166.43	166.96	0.008249	2.60	4.56	4.51	0.77
Rio Taglio	Rio Taglio	27	Max WS	TR30_03-Affluenti	9.91	165.35	166.49	166.32	166.79	0.008229	2.44	4.06	4.35	0.77
Rio Taglio	Rio Taglio	27	Max WS	TR200_01-Affluenti	24.60	165.35	167.35	167.04	167.90	0.008152	3.30	7.46	5.55	0.77
Rio Taglio	Rio Taglio	27	Max WS	TR200_02-Affluenti	20.26	165.35	1							

HEC-RAS Profile: Max WS (Continued)

River	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
Rio Taglio	Rio Taglio	24.1	Max WS	TR200_02-Affluent	20.26	163.15	164.92	164.73	165.16	0.004830	2.29	10.66	12.34	0.62
Rio Taglio	Rio Taglio	24.1	Max WS	TR200_03-Affluent	16.45	163.15	164.77	164.58	165.00	0.004975	2.19	8.84	12.18	0.63
Rio Taglio	Rio Taglio	24	Max WS	TR30_01-Affluent	13.73	162.28	163.72	163.87	164.38	0.021640	3.59	3.83	4.49	1.24
Rio Taglio	Rio Taglio	24	Max WS	TR30_02-Affluent	11.84	162.28	163.63	163.76	164.24	0.021544	3.45	3.43	4.29	1.23
Rio Taglio	Rio Taglio	24	Max WS	TR30_03-Affluent	9.91	162.28	163.53	163.65	164.08	0.021430	3.29	3.02	4.07	1.22
Rio Taglio	Rio Taglio	24	Max WS	TR200_01-Affluent	24.60	162.28	164.13	164.36	165.03	0.022187	4.20	5.85	5.39	1.29
Rio Taglio	Rio Taglio	24	Max WS	TR200_02-Affluent	20.26	162.28	163.98	164.17	164.79	0.021877	3.98	5.09	5.07	1.27
Rio Taglio	Rio Taglio	24	Max WS	TR200_03-Affluent	16.45	162.28	163.84	164.00	164.56	0.021737	3.77	4.37	4.75	1.25
Rio Taglio	Rio Taglio	23.1	Max WS	TR30_01-Affluent	13.73	162.28	163.47	163.16	163.64	0.004006	1.83	7.66	9.45	0.58
Rio Taglio	Rio Taglio	23.1	Max WS	TR30_02-Affluent	11.84	162.28	163.38	163.09	163.54	0.004028	1.73	6.87	8.39	0.58
Rio Taglio	Rio Taglio	23.1	Max WS	TR30_03-Affluent	9.91	162.28	163.29	163.01	163.42	0.004042	1.63	6.09	7.45	0.57
Rio Taglio	Rio Taglio	23.1	Max WS	TR200_01-Affluent	24.59	162.28	163.88	163.53	164.12	0.004002	2.22	12.47	14.28	0.60
Rio Taglio	Rio Taglio	23.1	Max WS	TR200_02-Affluent	20.26	162.28	163.74	163.39	163.95	0.003971	2.08	10.55	12.58	0.59
Rio Taglio	Rio Taglio	23.1	Max WS	TR200_03-Affluent	16.45	162.28	163.59	163.26	163.78	0.003986	1.94	8.84	10.84	0.59
Rio Taglio	Rio Taglio	23	Max WS	TR30_01-Affluent	13.73	160.30	161.84		162.25	0.010777	2.82	4.88	4.23	0.84
Rio Taglio	Rio Taglio	23	Max WS	TR30_02-Affluent	11.84	160.30	161.75		162.10	0.010155	2.65	4.48	4.13	0.81
Rio Taglio	Rio Taglio	23	Max WS	TR30_03-Affluent	9.91	160.30	161.63		161.94	0.009608	2.47	4.01	4.02	0.79
Rio Taglio	Rio Taglio	23	Max WS	TR200_01-Affluent	24.59	160.30	162.32		162.95	0.013163	3.52	6.99	4.76	0.93
Rio Taglio	Rio Taglio	23	Max WS	TR200_02-Affluent	20.26	160.30	162.14		162.69	0.012340	3.28	6.17	4.52	0.90
Rio Taglio	Rio Taglio	23	Max WS	TR200_03-Affluent	16.45	160.30	161.97		162.44	0.011521	3.03	5.43	4.35	0.87
Rio Taglio	Rio Taglio	22.1	Max WS	TR30_01-Affluent	13.73	160.61	161.73	161.43	161.88	0.004031	1.73	7.93	8.47	0.57
Rio Taglio	Rio Taglio	22.1	Max WS	TR30_02-Affluent	11.84	160.61	161.64	161.36	161.78	0.004102	1.66	7.15	8.39	0.57
Rio Taglio	Rio Taglio	22.1	Max WS	TR30_03-Affluent	9.91	160.61	161.54	161.29	161.66	0.004204	1.57	6.32	8.30	0.57
Rio Taglio	Rio Taglio	22.1	Max WS	TR200_01-Affluent	24.59	160.61	162.19	161.74	162.41	0.003841	2.07	11.89	8.87	0.57
Rio Taglio	Rio Taglio	22.1	Max WS	TR200_02-Affluent	20.26	160.61	162.02	161.63	162.21	0.003890	1.95	10.39	8.72	0.57
Rio Taglio	Rio Taglio	22.1	Max WS	TR200_03-Affluent	16.45	160.61	161.86	161.52	162.03	0.003956	1.83	8.99	8.58	0.57
Rio Taglio	Rio Taglio	22	Max WS	TR30_01-Affluent	13.73	157.75	158.91		159.21	0.008525	2.41	5.69	5.95	0.79
Rio Taglio	Rio Taglio	22	Max WS	TR30_02-Affluent	11.84	157.75	158.82		159.09	0.008527	2.30	5.16	5.93	0.79
Rio Taglio	Rio Taglio	22	Max WS	TR30_03-Affluent	9.91	157.75	158.73		158.97	0.008554	2.16	4.58	5.91	0.79
Rio Taglio	Rio Taglio	22	Max WS	TR200_01-Affluent	24.59	157.75	159.37		159.80	0.008704	2.93	8.40	6.04	0.79
Rio Taglio	Rio Taglio	22	Max WS	TR200_02-Affluent	20.26	157.75	159.20		159.58	0.008607	2.74	7.38	6.00	0.79
Rio Taglio	Rio Taglio	22	Max WS	TR200_03-Affluent	16.45	157.75	159.04		159.37	0.008545	2.56	6.42	5.97	0.79
Rio Taglio	Rio Taglio	21.1	Max WS	TR30_01-Affluent	13.73	157.62	158.74	158.43	158.89	0.004051	1.73	7.93	8.57	0.57
Rio Taglio	Rio Taglio	21.1	Max WS	TR30_02-Affluent	11.84	157.62	158.64	158.36	158.78	0.004118	1.65	7.16	8.47	0.57
Rio Taglio	Rio Taglio	21.1	Max WS	TR30_03-Affluent	9.91	157.62	158.54	158.29	158.67	0.004212	1.57	6.32	8.35	0.58
Rio Taglio	Rio Taglio	21.1	Max WS	TR200_01-Affluent	24.59	157.62	159.19	158.75	159.40	0.003855	2.06	11.94	9.10	0.57
Rio Taglio	Rio Taglio	21.1	Max WS	TR200_02-Affluent	20.26	157.62	159.02	158.64	159.21	0.003909	1.94	10.42	8.90	0.57
Rio Taglio	Rio Taglio	21.1	Max WS	TR200_03-Affluent	16.44	157.62	158.86	158.52	159.03	0.003975	1.83	9.00	8.72	0.57
Rio Taglio	Rio Taglio	21	Max WS	TR30_01-Affluent	13.73	156.41	157.66		157.93	0.007362	2.31	5.94	6.02	0.74
Rio Taglio	Rio Taglio	21	Max WS	TR30_02-Affluent	11.84	156.41	157.57		157.81	0.007271	2.20	5.37	5.88	0.74
Rio Taglio	Rio Taglio	21	Max WS	TR30_03-Affluent	9.91	156.41	157.46		157.68	0.007131	2.07	4.78	5.73	0.72
Rio Taglio	Rio Taglio	21	Max WS	TR200_01-Affluent	24.59	156.41	158.14		158.51	0.007657	2.70	9.11	7.35	0.77
Rio Taglio	Rio Taglio	21	Max WS	TR200_02-Affluent	20.26	156.41	157.96		158.30	0.007638	2.58	7.86	6.83	0.77
Rio Taglio	Rio Taglio	21	Max WS	TR200_03-Affluent	16.44	156.41	157.79		158.09	0.007510	2.44	6.74	6.33	0.76
Rio Taglio	Rio Taglio	20.1	Max WS	TR30_01-Affluent	13.72	156.55	157.62	157.30	157.78	0.004050	1.75	7.85	8.17	0.57
Rio Taglio	Rio Taglio	20.1	Max WS	TR30_02-Affluent	11.84	156.55	157.53	157.24	157.67	0.004087	1.67	7.09	8.05	0.57
Rio Taglio	Rio Taglio	20.1	Max WS	TR30_03-Affluent	9.91	156.55	157.43	157.16	157.55	0.004131	1.58	6.28	7.91	0.57
Rio Taglio	Rio Taglio	20.1	Max WS	TR200_01-Affluent	24.59	156.55	158.09	157.63	158.31	0.003931	2.09	11.79	8.77	0.57
Rio Taglio	Rio Taglio	20.1	Max WS	TR200_02-Affluent	20.26	156.55	157.91	157.51	158.11	0.003967	1.97	10.29	8.55	0.57
Rio Taglio	Rio Taglio	20.1	Max WS	TR200_03-Affluent	16.44	156.55	157.75	157.39	157.92	0.004010	1.85	8.89	8.33	0.57
Rio Taglio	Rio Taglio	20	Max WS	TR30_01-Affluent	13.72	154.58	155.99		156.15	0.004066	1.80	7.64	7.27	0.56
Rio Taglio	Rio Taglio	20	Max WS	TR30_02-Affluent	11.84	154.58	155.87		156.03	0.004243	1.74	6.82	7.17	0.57
Rio Taglio	Rio Taglio	20	Max WS	TR30_03-Affluent	9.91	154.58	155.74		155.89	0.004561	1.68	5.90	6.99	0.58
Rio Taglio	Rio Taglio	20	Max WS	TR200_01-Affluent	24.59	154.58	156.54		156.76	0.003689	2.09	11.78	7.77	0.54
Rio Taglio	Rio Taglio	20	Max WS	TR200_02-Affluent	20.26	154.58	156.33		156.53	0.003774	1.98	10.22	7.59	0.55
Rio Taglio	Rio Taglio	20	Max WS	TR200_03-Affluent	16.44	154.58	156.14		156.32	0.003908	1.88	8.75	7.41	0.55
Rio Taglio	Rio Taglio	19.1	Max WS	TR30_01-Affluent	13.72	154.45	155.91	155.52	156.10	0.004371	1.92	7.15	6.39	0.58
Rio Taglio	Rio Taglio	19.1	Max WS	TR30_02-Affluent	11.84	154.45	155.80	155.44	155.97	0.004341	1.83	6.46	6.21	0.57
Rio Taglio	Rio Taglio	19.1	Max WS	TR30_03-Affluent	9.91	154.45	155.67	155.35	155.83	0.004379	1.75	5.68	6.01	0.57
Rio Taglio	Rio Taglio	19.1	Max WS	TR200_01-Affluent	24.59	154.45	156.45	155.94	156.71	0.004430	2.27	10.82	7.17	0.59
Rio Taglio	Rio Taglio	19.1	Max WS	TR200_02-Affluent	20.26	154.45	156.25	155.79	156.48	0.004422	2.15	9.41	6.88	0.59
Rio Taglio	Rio Taglio	19.1	Max WS	TR200_03-Affluent	16.44	154.45	156.06	155.64	156.27	0.004406	2.03	8.12	6.61	0.58
Rio Taglio	Rio Taglio	19	Max WS	TR30_01-Affluent	13.72	153.29	155.48		155.57	0.001580	1.36	10.12	6.43	0.35
Rio Taglio	Rio Taglio	19	Max WS	TR30_02-Affluent	11.84	153.29	155.36		155.45	0.001446	1.26	9.38	6.29	0.33
Rio Taglio	Rio Taglio	19	Max WS	TR30_03-Affluent	9.91	153.29	155.24		155.31	0.001272	1.15	8.63	6.15	0.31
Rio Taglio	Rio Taglio	19	Max WS	TR200_01-Affluent	24.59	153.29	155.98		156.15	0.002331	1.82	13.47	7.03	0.42
Rio Taglio	Rio Taglio	19	Max WS	TR200_02-Affluent	20.26	153.29	155.82		155.96	0.001998	1.64	12.36	6.84	0.39
Rio Taglio	Rio Taglio	19	Max WS	TR200_03-Affluent	16.44	153.29	155.64		155.75	0.001746	1.48	11.13	6.62	0.36
Rio Taglio	Rio Taglio	18	Max WS	TR30_01-Affluent	13.72	154.09	155.40	155.19	155.73	0.009261	2.54	5.39	4.56	0.75
Rio Taglio	Rio Taglio	18	Max WS	TR30_02-Affluent	11.84	154.09	155.29	155.09	155.58	0.009161	2.42	4.89	4.55	0.75
Rio Taglio	Rio Taglio	18	Max WS	TR30_03-Affluent	9.91	154.09	155.17	154.99	155.43	0.008990	2.28	4.36	4.54	0.74
Rio Taglio	Rio Taglio	18	Max WS	TR200_01-Affluent	24.59	154.09	155.91	155.66	156.42	0.010690	3.17	7.75	4.60	0.78
Rio Taglio	Rio Taglio	18	Max WS	TR200_02-Affluent	20.26	154.09	155.73	155.48	156.17	0.009924	2.93	6.92	4.58	0.76
Rio Taglio	Rio Taglio	18	Max WS	TR200_03-Affluent	16.44	154.09	155.55	155.31	155.92	0.009438	2.70	6.08	4.57	0.75
Rio Taglio	Rio Taglio	17	Max WS	TR30_01-Affluent	13.72	153.93	155.14		155.48	0.009656	2.59	5.30	4.62	0.77
Rio Taglio	Rio Taglio	17	Max WS	TR30_02-Affluent	11.84	153.93	155.02		155.34	0.009816	2.49	4.76	4.60	0.78
Rio Taglio	Rio Taglio	17	Max WS	TR30_03-Affluent	9.91	153.93	154.89		155.18	0.010067	2.37	4.18	4.58	0.79
Rio Taglio	Rio Taglio	17	Max WS	TR200_01-Affluent	24.59	153.93	155.74		156.21	0.009368	3.04	8.09	4.73	0.74
Rio Taglio	Rio Taglio	17	Max WS	TR200_02-Affluent	20.26	153.93	155.51		155.93	0.009401	2.88	7.03	4.69	0.75
Rio Taglio	Rio Taglio	17	Max WS	TR200_03-Affluent	16.44	153.93	155.30		155.68	0.009506	2.72	6.04	4.65	0.76
Rio Taglio	Rio Taglio	16.1	Max WS	TR30_01-Affluent	13.72	153.73	155.11	154.68						

HEC-RAS Profile: Max WS (Continued)

River	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
Rio Taglio	Rio Taglio	14.1	Max WS	TR200_01-Affluent	24.58	151.81	153.94	153.29	154.25	0.005122	2.46	9.98	5.08	0.56
Rio Taglio	Rio Taglio	14.1	Max WS	TR200_02-Affluent	20.26	151.81	153.70	153.12	153.97	0.004992	2.32	8.75	5.04	0.56
Rio Taglio	Rio Taglio	14.1	Max WS	TR200_03-Affluent	16.44	151.81	153.47	152.96	153.71	0.004877	2.17	7.59	4.98	0.56
Rio Taglio	Rio Taglio	14	Max WS	TR30_01-Affluent	13.72	149.16	150.29		150.54	0.006625	2.21	6.20	6.52	0.72
Rio Taglio	Rio Taglio	14	Max WS	TR30_02-Affluent	11.84	149.16	150.20		150.43	0.006690	2.12	5.60	6.42	0.72
Rio Taglio	Rio Taglio	14	Max WS	TR30_03-Affluent	9.91	149.16	150.10		150.30	0.006800	2.01	4.94	6.31	0.72
Rio Taglio	Rio Taglio	14	Max WS	TR200_01-Affluent	24.58	149.16	150.75		151.11	0.006503	2.64	9.32	7.02	0.73
Rio Taglio	Rio Taglio	14	Max WS	TR200_02-Affluent	20.26	149.16	150.58		150.90	0.006522	2.49	8.14	6.83	0.73
Rio Taglio	Rio Taglio	14	Max WS	TR200_03-Affluent	16.44	149.16	150.42		150.70	0.006561	2.34	7.04	6.66	0.73
Rio Taglio	Rio Taglio	13.5	Max WS	TR30_01-Affluent	13.72	148.99	150.22		150.57	0.009114	2.60	5.28	5.39	0.84
Rio Taglio	Rio Taglio	13.5	Max WS	TR30_02-Affluent	11.84	148.99	150.13		150.44	0.009004	2.47	4.79	5.26	0.83
Rio Taglio	Rio Taglio	13.5	Max WS	TR30_03-Affluent	9.91	148.99	150.03		150.30	0.008855	2.33	4.25	5.12	0.82
Rio Taglio	Rio Taglio	13.5	Max WS	TR200_01-Affluent	24.58	148.99	150.68		151.17	0.009452	3.11	7.90	6.03	0.87
Rio Taglio	Rio Taglio	13.5	Max WS	TR200_02-Affluent	20.26	148.99	150.51		150.95	0.009364	2.94	6.90	5.79	0.86
Rio Taglio	Rio Taglio	13.5	Max WS	TR200_03-Affluent	16.44	148.99	150.35		150.74	0.009241	2.75	5.98	5.56	0.85
Rio Taglio	Rio Taglio	13.1	Max WS	TR30_01-Affluent	13.72	148.81	150.16	149.90	150.33	0.005321	2.06	7.90	8.71	0.64
Rio Taglio	Rio Taglio	13.1	Max WS	TR30_02-Affluent	11.84	148.81	150.06	149.83	150.23	0.005412	1.98	7.10	8.55	0.64
Rio Taglio	Rio Taglio	13.1	Max WS	TR30_03-Affluent	9.91	148.81	149.96	149.76	150.11	0.005549	1.88	6.23	8.36	0.64
Rio Taglio	Rio Taglio	13.1	Max WS	TR200_01-Affluent	24.58	148.81	150.62	150.23	150.86	0.005092	2.42	12.07	9.48	0.63
Rio Taglio	Rio Taglio	13.1	Max WS	TR200_02-Affluent	20.26	148.81	150.45	150.11	150.66	0.005143	2.30	10.49	9.20	0.63
Rio Taglio	Rio Taglio	13.1	Max WS	TR200_03-Affluent	16.44	148.81	150.28	149.99	150.48	0.005226	2.17	9.02	8.93	0.63
Rio Taglio	Rio Taglio	13	Max WS	TR30_01-Affluent	13.72	146.78	148.63		148.98	0.008511	2.66	5.50	5.29	0.69
Rio Taglio	Rio Taglio	13	Max WS	TR30_02-Affluent	11.84	146.78	148.51		148.84	0.008489	2.55	4.85	5.09	0.69
Rio Taglio	Rio Taglio	13	Max WS	TR30_03-Affluent	9.91	146.78	148.36		148.66	0.008536	2.42	4.14	4.22	0.69
Rio Taglio	Rio Taglio	13	Max WS	TR200_01-Affluent	24.58	146.78	149.21		149.65	0.008612	3.10	8.91	6.61	0.73
Rio Taglio	Rio Taglio	13	Max WS	TR200_02-Affluent	20.25	146.78	149.00		149.42	0.008670	2.96	7.58	6.12	0.72
Rio Taglio	Rio Taglio	13	Max WS	TR200_03-Affluent	16.44	146.78	148.80		149.18	0.008607	2.80	6.39	5.65	0.71
Rio Taglio	Rio Taglio	12.1	Max WS	TR30_01-Affluent	13.72	146.85	148.50	148.07	148.73	0.004598	2.15	6.67	5.84	0.58
Rio Taglio	Rio Taglio	12.1	Max WS	TR30_02-Affluent	11.84	146.85	148.38	147.97	148.59	0.004621	2.05	5.95	5.49	0.58
Rio Taglio	Rio Taglio	12.1	Max WS	TR30_03-Affluent	9.91	146.85	148.23	147.86	148.42	0.004663	1.94	5.20	5.10	0.57
Rio Taglio	Rio Taglio	12.1	Max WS	TR200_01-Affluent	24.46	146.85	149.09	148.59	149.40	0.004639	2.56	10.53	7.32	0.58
Rio Taglio	Rio Taglio	12.1	Max WS	TR200_02-Affluent	20.19	146.85	148.88	148.40	149.16	0.004614	2.42	9.04	6.81	0.58
Rio Taglio	Rio Taglio	12.1	Max WS	TR200_03-Affluent	16.44	146.85	148.67	148.22	148.93	0.004609	2.27	7.68	6.30	0.58
Rio Taglio	Rio Taglio	11	Max WS	TR30_01-Affluent	13.72	145.34	146.32	146.85	147.40	0.040763	4.61	2.98	3.59	1.61
Rio Taglio	Rio Taglio	11	Max WS	TR30_02-Affluent	11.84	145.34	146.24	146.54	147.22	0.039946	4.38	2.70	3.52	1.59
Rio Taglio	Rio Taglio	11	Max WS	TR30_03-Affluent	9.91	145.34	146.16	146.42	147.02	0.038936	4.11	2.41	3.44	1.57
Rio Taglio	Rio Taglio	11	Max WS	TR200_01-Affluent	24.46	145.34	146.70	147.19	148.27	0.043310	5.54	4.42	3.95	1.67
Rio Taglio	Rio Taglio	11	Max WS	TR200_02-Affluent	20.19	145.34	146.56	146.99	147.96	0.042935	5.24	3.86	3.81	1.66
Rio Taglio	Rio Taglio	11	Max WS	TR200_03-Affluent	16.44	145.34	146.43	146.80	147.65	0.041746	4.89	3.36	3.69	1.64
Rio Taglio	Rio Taglio	10	Max WS	TR30_01-Affluent	13.72	144.65	145.54	145.69	146.26	0.027465	3.76	3.65	4.11	1.28
Rio Taglio	Rio Taglio	10	Max WS	TR30_02-Affluent	11.84	144.65	145.45	145.59	146.11	0.027455	3.59	3.30	4.11	1.28
Rio Taglio	Rio Taglio	10	Max WS	TR30_03-Affluent	9.91	144.65	145.36	145.49	145.95	0.027551	3.39	2.93	4.11	1.28
Rio Taglio	Rio Taglio	10	Max WS	TR200_01-Affluent	24.70	144.65	145.97	146.19	147.03	0.028448	4.55	5.43	4.10	1.26
Rio Taglio	Rio Taglio	10	Max WS	TR200_02-Affluent	20.25	144.65	145.81	146.00	146.73	0.028784	4.26	4.75	4.10	1.27
Rio Taglio	Rio Taglio	10	Max WS	TR200_03-Affluent	16.44	144.65	145.65	145.83	146.46	0.027568	3.98	4.13	4.10	1.27
Rio Taglio	Rio Taglio	9	Max WS	TR30_01-Affluent	13.72	143.43	144.38	144.67	145.38	0.040461	4.42	3.10	4.00	1.60
Rio Taglio	Rio Taglio	9	Max WS	TR30_02-Affluent	11.84	143.43	144.31	144.57	145.20	0.039463	4.18	2.83	4.00	1.59
Rio Taglio	Rio Taglio	9	Max WS	TR30_03-Affluent	9.91	143.43	144.24	144.46	145.02	0.038362	3.91	2.54	4.00	1.57
Rio Taglio	Rio Taglio	9	Max WS	TR200_01-Affluent	24.70	143.43	144.74	145.17	146.25	0.044019	5.45	4.53	4.00	1.52
Rio Taglio	Rio Taglio	9	Max WS	TR200_02-Affluent	20.25	143.43	144.60	144.98	145.92	0.043122	5.10	3.97	4.00	1.64
Rio Taglio	Rio Taglio	9	Max WS	TR200_03-Affluent	16.44	143.43	144.47	144.80	145.61	0.041746	4.73	3.47	4.00	1.62
Rio Taglio	Rio Taglio	8	Max WS	TR30_01-Affluent	13.72	142.86	143.88	144.13	144.71	0.034685	4.03	3.41	5.30	1.60
Rio Taglio	Rio Taglio	8	Max WS	TR30_02-Affluent	11.84	142.86	143.81	144.04	144.58	0.035540	3.87	3.06	5.19	1.61
Rio Taglio	Rio Taglio	8	Max WS	TR30_03-Affluent	9.91	142.86	143.74	143.95	144.43	0.036054	3.67	2.70	5.07	1.61
Rio Taglio	Rio Taglio	8	Max WS	TR200_01-Affluent	24.70	142.86	144.26	144.55	145.27	0.027602	4.46	5.54	5.93	1.47
Rio Taglio	Rio Taglio	8	Max WS	TR200_02-Affluent	20.25	142.86	144.11	144.39	145.08	0.030804	4.36	4.64	5.67	1.54
Rio Taglio	Rio Taglio	8	Max WS	TR200_03-Affluent	16.44	142.86	143.97	144.25	144.88	0.033289	4.20	3.91	5.45	1.58
Rio Taglio	Rio Taglio	7	Max WS	TR30_01-Affluent	13.71	140.80	142.68	142.44	143.09	0.011479	2.85	4.80	3.37	0.76
Rio Taglio	Rio Taglio	7	Max WS	TR30_02-Affluent	11.84	140.80	142.55	142.33	142.92	0.011191	2.72	4.35	3.37	0.76
Rio Taglio	Rio Taglio	7	Max WS	TR30_03-Affluent	9.91	140.80	142.40	142.21	142.74	0.010859	2.56	3.87	3.37	0.76
Rio Taglio	Rio Taglio	7	Max WS	TR200_01-Affluent	24.47	140.80	143.41	143.00	143.98	0.011335	3.34	7.46	4.29	0.73
Rio Taglio	Rio Taglio	7	Max WS	TR200_02-Affluent	20.24	140.80	143.10	142.79	143.64	0.012387	3.25	6.24	3.51	0.76
Rio Taglio	Rio Taglio	7	Max WS	TR200_03-Affluent	16.44	140.80	142.86	142.60	143.33	0.011967	3.04	5.41	3.38	0.77
Rio Taglio	Rio Taglio	6	Max WS	TR30_01-Affluent	13.71	137.62	138.89	139.05	139.69	0.025943	3.94	3.48	3.30	1.23
Rio Taglio	Rio Taglio	6	Max WS	TR30_02-Affluent	11.84	137.62	138.78	138.93	139.52	0.026424	3.81	3.11	3.27	1.25
Rio Taglio	Rio Taglio	6	Max WS	TR30_03-Affluent	9.91	137.62	138.66	138.81	139.34	0.027272	3.66	2.71	3.24	1.28
Rio Taglio	Rio Taglio	6	Max WS	TR200_01-Affluent	24.47	137.62	139.39	139.63	140.54	0.028494	4.75	5.15	3.42	1.24
Rio Taglio	Rio Taglio	6	Max WS	TR200_02-Affluent	20.24	137.62	139.24	139.42	140.21	0.027555	4.36	4.64	3.38	1.19
Rio Taglio	Rio Taglio	6	Max WS	TR200_03-Affluent	16.44	137.62	139.05	139.21	139.91	0.025469	4.12	3.99	3.33	1.20
Rio Taglio	Rio Taglio	5.1	Max WS	TR30_01-Affluent	13.12	136.86	138.49	137.98	138.73	0.005740	2.19	5.99	3.80	0.56
Rio Taglio	Rio Taglio	5.1	Max WS	TR30_02-Affluent	11.60	136.86	138.36	137.90	138.59	0.005614	2.10	5.51	3.80	0.56
Rio Taglio	Rio Taglio	5.1	Max WS	TR30_03-Affluent	9.90	136.86	138.22	137.80	138.42	0.005478	2.00	4.96	3.80	0.56
Rio Taglio	Rio Taglio	5.1	Max WS	TR200_01-Affluent	17.71	136.86	138.84	138.22	139.14	0.006108	2.42	7.32	3.80	0.56
Rio Taglio	Rio Taglio	5.1	Max WS	TR200_02-Affluent	17.35	136.86	138.81	138.20	139.11	0.006084	2.40	7.22	3.80	0.56
Rio Taglio	Rio Taglio	5.1	Max WS	TR200_03-Affluent	15.24	136.86	138.66	138.09	138.93	0.005910	2.30	6.62	3.80	0.56
Rio Taglio	Rio Taglio	5	Max WS	TR30_01-Affluent	13.12	135.44	136.53	136.71	137.28	0.025785	3.83	3.42	3.79	1.29
Rio Taglio	Rio Taglio	5	Max WS	TR30_02-Affluent	11.60	135.44	136.47	136.62	137.15	0.024866	3.65	3.18	3.75	1.27
Rio Taglio	Rio Taglio	5	Max WS	TR30_03-Affluent	9.90	135.44	136.39	136.52	136.99	0.023781	3.42	2.89	3.71	1.24
Rio Taglio	Rio Taglio	5	Max WS	TR200_01-Affluent	17.75	135.44	136.71	136.95	137.66	0.028145	4.32	4.11	3.88	1.34
Rio Taglio	Rio Taglio	5	Max WS	TR200_02-Affluent	17.37	135.44	136.70	136.93	137.64	0.028044	4.29	4.05	3.88	1.34
Rio Taglio	Rio Taglio	5	Max WS</											

HEC-RAS Profile: Max WS (Continued)

River	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
Rio Taglio	Rio Taglio	3	Max WS	TR30_03-Affluent	9.90	131.64	132.70		132.90	0.006884	2.01	4.93	6.65	0.75
Rio Taglio	Rio Taglio	3	Max WS	TR200_01-Affluent	17.69	131.64	133.16		133.39	0.005067	2.16	8.19	7.60	0.66
Rio Taglio	Rio Taglio	3	Max WS	TR200_02-Affluent	17.28	131.64	133.13		133.37	0.005238	2.17	7.96	7.53	0.67
Rio Taglio	Rio Taglio	3	Max WS	TR200_03-Affluent	15.18	131.64	133.00		133.24	0.005740	2.16	7.04	7.28	0.70
Rio Taglio	Rio Taglio	2.8	Max WS	TR30_01-Affluent	12.64	131.34	132.90		133.01	0.002317	1.49	8.51	7.68	0.45
Rio Taglio	Rio Taglio	2.8	Max WS	TR30_02-Affluent	11.56	131.34	132.80		132.91	0.002557	1.50	7.72	7.47	0.47
Rio Taglio	Rio Taglio	2.8	Max WS	TR30_03-Affluent	9.89	131.34	132.68		132.79	0.002587	1.43	6.90	7.24	0.47
Rio Taglio	Rio Taglio	2.8	Max WS	TR200_01-Affluent	17.67	131.34	133.18		133.32	0.002361	1.65	10.72	8.26	0.46
Rio Taglio	Rio Taglio	2.8	Max WS	TR200_02-Affluent	17.27	131.34	133.14		133.28	0.002425	1.65	10.45	8.19	0.47
Rio Taglio	Rio Taglio	2.8	Max WS	TR200_03-Affluent	15.17	131.34	133.01		133.14	0.002542	1.62	9.37	7.91	0.48
Rio Taglio	Taglio valle	2.8	Max WS	TR30_01-Affluent	16.01	131.34	132.37	132.50	132.95	0.020004	3.37	4.75	6.60	1.27
Rio Taglio	Taglio valle	2.8	Max WS	TR30_02-Affluent	13.84	131.34	132.31	132.42	132.83	0.019881	3.21	4.31	6.46	1.25
Rio Taglio	Taglio valle	2.8	Max WS	TR30_03-Affluent	11.76	131.34	132.23	132.33	132.71	0.020392	3.07	3.83	6.30	1.26
Rio Taglio	Taglio valle	2.8	Max WS	TR200_01-Affluent	21.70	131.34	132.55	132.70	133.23	0.019100	3.65	5.95	6.96	1.26
Rio Taglio	Taglio valle	2.8	Max WS	TR200_02-Affluent	21.02	131.34	132.53	132.68	133.20	0.019123	3.62	5.82	6.92	1.26
Rio Taglio	Taglio valle	2.8	Max WS	TR200_03-Affluent	18.18	131.34	132.45	132.58	133.06	0.019287	3.46	5.25	6.75	1.25
Rio Taglio	Taglio valle	2	Max WS	TR30_01-Affluent	15.73	130.71	131.78	132.12	132.83	0.039098	4.53	3.47	4.91	1.72
Rio Taglio	Taglio valle	2	Max WS	TR30_02-Affluent	13.84	130.71	131.72	132.04	132.69	0.038467	4.36	3.18	4.73	1.70
Rio Taglio	Taglio valle	2	Max WS	TR30_03-Affluent	11.76	130.71	131.65	131.93	132.52	0.037720	4.14	2.84	4.50	1.67
Rio Taglio	Taglio valle	2	Max WS	TR200_01-Affluent	21.70	130.71	131.95	132.37	133.23	0.040725	5.00	4.34	5.42	1.79
Rio Taglio	Taglio valle	2	Max WS	TR200_02-Affluent	21.02	130.71	131.93	132.34	133.18	0.040563	4.95	4.24	5.37	1.78
Rio Taglio	Taglio valle	2	Max WS	TR200_03-Affluent	18.18	130.71	131.86	132.23	133.00	0.039773	4.74	3.84	5.13	1.75
Rio Taglio	Taglio valle	1	Max WS	TR30_01-Affluent	15.69	129.83	130.80	131.10	131.62	0.029970	4.03	4.14	8.30	1.55
Rio Taglio	Taglio valle	1	Max WS	TR30_02-Affluent	13.84	129.83	130.75	131.02	131.51	0.029949	3.87	3.73	7.61	1.54
Rio Taglio	Taglio valle	1	Max WS	TR30_03-Affluent	11.76	129.83	130.69	130.92	131.37	0.029965	3.67	3.28	6.76	1.52
Rio Taglio	Taglio valle	1	Max WS	TR200_01-Affluent	21.70	129.83	130.95	131.18	131.92	0.029959	4.45	5.48	10.23	1.59
Rio Taglio	Taglio valle	1	Max WS	TR200_02-Affluent	21.02	129.83	130.93	131.18	131.88	0.029949	4.41	5.33	10.03	1.58
Rio Taglio	Taglio valle	1	Max WS	TR200_03-Affluent	18.18	129.83	130.87	131.18	131.75	0.029954	4.22	4.70	9.15	1.57
Rio Meo	Rio Meo	30	Max WS	TR30_01-Affluent	22.52	293.01	294.25	294.47	295.04	0.023398	3.95	5.71	6.93	1.39
Rio Meo	Rio Meo	30	Max WS	TR30_02-Affluent	23.26	293.01	294.27	294.50	295.08	0.023464	3.98	5.84	7.00	1.39
Rio Meo	Rio Meo	30	Max WS	TR30_03-Affluent	20.99	293.01	294.21	294.42	294.97	0.023275	3.86	5.43	6.78	1.38
Rio Meo	Rio Meo	30	Max WS	TR200_01-Affluent	46.96	293.01	294.74	295.14	295.98	0.024375	4.94	9.65	10.92	1.48
Rio Meo	Rio Meo	30	Max WS	TR200_02-Affluent	44.02	293.01	294.69	295.09	295.88	0.024359	4.83	9.18	9.99	1.47
Rio Meo	Rio Meo	30	Max WS	TR200_03-Affluent	37.87	293.01	294.58	294.96	295.67	0.024595	4.61	8.22	8.14	1.46
Rio Meo	Rio Meo	27	Max WS	TR30_01-Affluent	22.48	291.10	292.43	292.11	292.61	0.004123	1.89	11.88	13.18	0.61
Rio Meo	Rio Meo	27	Max WS	TR30_02-Affluent	23.24	291.10	292.45	292.13	292.64	0.004140	1.92	12.15	13.98	0.61
Rio Meo	Rio Meo	27	Max WS	TR30_03-Affluent	20.98	291.10	292.39	292.08	292.56	0.004077	1.84	11.39	11.94	0.60
Rio Meo	Rio Meo	27	Max WS	TR200_01-Affluent	46.93	291.10	292.94	292.69	293.21	0.004105	2.39	23.30	28.74	0.64
Rio Meo	Rio Meo	27	Max WS	TR200_02-Affluent	44.01	291.10	292.89	292.61	293.15	0.004139	2.35	21.87	27.87	0.64
Rio Meo	Rio Meo	27	Max WS	TR200_03-Affluent	37.86	291.10	292.77	292.45	293.03	0.004213	2.27	18.80	25.91	0.62
Rio Meo	Rio Meo	25	Max WS	TR30_01-Affluent	22.48	289.15	290.29	290.63	291.42	0.033901	4.71	4.78	5.21	1.57
Rio Meo	Rio Meo	25	Max WS	TR30_02-Affluent	23.24	289.15	290.32	290.66	291.46	0.033531	4.74	4.91	5.23	1.56
Rio Meo	Rio Meo	25	Max WS	TR30_03-Affluent	20.98	289.15	290.24	290.57	291.34	0.034717	4.65	4.52	5.15	1.58
Rio Meo	Rio Meo	25	Max WS	TR200_01-Affluent	46.93	289.15	291.00	291.45	292.48	0.027070	5.39	8.70	5.95	1.42
Rio Meo	Rio Meo	25	Max WS	TR200_02-Affluent	44.01	289.15	290.92	291.35	292.38	0.027745	5.35	8.23	5.87	1.44
Rio Meo	Rio Meo	25	Max WS	TR200_03-Affluent	37.86	289.15	290.75	291.14	292.14	0.029371	5.23	7.24	5.69	1.48
Rio Meo	Rio Meo	24	Max WS	TR30_01-Affluent	22.47	288.04	289.76	289.79	290.29	0.014200	3.21	7.00	7.15	1.04
Rio Meo	Rio Meo	24	Max WS	TR30_02-Affluent	23.24	288.04	289.79	289.82	290.32	0.014109	3.23	7.19	7.23	1.04
Rio Meo	Rio Meo	24	Max WS	TR30_03-Affluent	20.98	288.04	289.71	289.74	290.22	0.014373	3.17	6.63	7.00	1.04
Rio Meo	Rio Meo	24	Max WS	TR200_01-Affluent	46.93	288.04	290.47	290.46	291.16	0.011938	3.66	12.83	9.24	0.99
Rio Meo	Rio Meo	24	Max WS	TR200_02-Affluent	44.01	288.04	290.39	290.40	291.07	0.012316	3.64	12.09	9.00	1.00
Rio Meo	Rio Meo	24	Max WS	TR200_03-Affluent	37.86	288.04	290.22	290.24	290.87	0.013166	3.59	10.55	8.49	1.03
Rio Meo	Rio Meo	23	Max WS	TR30_01-Affluent	22.47	287.27	288.96	289.37	290.35	0.041889	5.23	4.30	4.18	1.65
Rio Meo	Rio Meo	23	Max WS	TR30_02-Affluent	23.24	287.27	288.98	289.40	290.40	0.041832	5.27	4.41	4.23	1.65
Rio Meo	Rio Meo	23	Max WS	TR30_03-Affluent	20.98	287.27	288.90	289.31	290.25	0.041970	5.15	4.08	4.09	1.65
Rio Meo	Rio Meo	23	Max WS	TR200_01-Affluent	46.92	287.27	289.81	290.25	291.53	0.031906	5.81	8.08	4.60	1.40
Rio Meo	Rio Meo	23	Max WS	TR200_02-Affluent	44.01	287.27	289.73	290.16	291.38	0.031702	5.70	7.73	4.57	1.40
Rio Meo	Rio Meo	23	Max WS	TR200_03-Affluent	37.85	287.27	289.57	289.96	291.06	0.030760	5.41	7.00	4.52	1.39
Rio Meo	Rio Meo	22	Max WS	TR30_01-Affluent	22.47	287.07	288.32	288.57	289.26	0.027209	4.30	5.23	5.49	1.41
Rio Meo	Rio Meo	22	Max WS	TR30_02-Affluent	23.24	287.07	288.35	288.60	289.30	0.026835	4.33	5.37	5.50	1.40
Rio Meo	Rio Meo	22	Max WS	TR30_03-Affluent	20.98	287.07	288.27	288.52	289.19	0.028202	4.26	4.93	5.47	1.43
Rio Meo	Rio Meo	22	Max WS	TR200_01-Affluent	46.92	287.07	289.25	289.33	290.27	0.016077	4.47	10.49	5.84	1.06
Rio Meo	Rio Meo	22	Max WS	TR200_02-Affluent	43.99	287.07	289.18	289.25	290.15	0.015766	4.36	10.09	5.81	1.06
Rio Meo	Rio Meo	22	Max WS	TR200_03-Affluent	37.84	287.07	289.05	289.07	289.89	0.014609	4.06	9.31	5.76	1.02
Rio Meo	Rio Meo	21	Max WS	TR30_01-Affluent	22.46	286.27	287.90		288.29	0.007943	2.76	8.15	6.16	0.77
Rio Meo	Rio Meo	21	Max WS	TR30_02-Affluent	23.24	286.27	287.93		288.33	0.007991	2.79	8.32	6.17	0.77
Rio Meo	Rio Meo	21	Max WS	TR30_03-Affluent	20.98	286.27	287.84		288.21	0.007932	2.70	7.78	6.15	0.77
Rio Meo	Rio Meo	21	Max WS	TR200_01-Affluent	46.92	286.27	288.94		289.46	0.006649	3.21	14.63	6.33	0.67
Rio Meo	Rio Meo	21	Max WS	TR200_02-Affluent	43.96	286.27	288.88		289.36	0.006283	3.09	14.24	6.32	0.66
Rio Meo	Rio Meo	21	Max WS	TR200_03-Affluent	37.83	286.27	288.77		289.17	0.005322	2.79	13.56	6.30	0.61
Rio Meo	Rio Meo	20	Max WS	TR30_01-Affluent	22.46	285.96	287.72	287.69	288.33	0.013566	3.47	6.56	6.12	0.94
Rio Meo	Rio Meo	20	Max WS	TR30_02-Affluent	23.24	285.96	287.75	287.73	288.37	0.013634	3.51	6.74	6.40	0.95
Rio Meo	Rio Meo	20	Max WS	TR30_03-Affluent	20.98	285.96	287.66	287.60	288.25	0.013646	3.39	6.21	5.50	0.95
Rio Meo	Rio Meo	20	Max WS	TR200_01-Affluent	46.42	285.96	288.81		289.36	0.007098	3.45	15.58	10.95	0.71
Rio Meo	Rio Meo	20	Max WS	TR200_02-Affluent	43.72	285.96	288.76		289.28	0.006890	3.34	15.03	10.36	0.69
Rio Meo	Rio Meo	20	Max WS	TR200_03-Affluent	37.82	285.96	288.67		289.10	0.005999	3.04	14.11	9.32	0.64
Rio Meo	Rio Meo	19	Max WS	TR30_01-Affluent	22.46	285.87	287.65	287.54	288.20	0.011890	3.29	6.83	4.92	0.89
Rio Meo	Rio Meo	19	Max WS	TR30_02-Affluent	23.24	285.87	287.68	287.58	288.25	0.012015	3.33	6.97	4.93	0.90
Rio Meo	Rio Meo	19	Max WS	TR30_03-Affluent	20.98	285.87	287.59	287.49	288.12	0.011822	3.22	6.52	4.90	0.89
Rio Meo	Rio Meo	19	Max WS	TR200_01-Affluent	40.03	285.87	288.76	288.16	289.21	0.005774	3.04	15.09	12.77	0.62
Rio Meo	Rio Meo													

HEC-RAS Profile: Max WS (Continued)

River	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
Rio Meo	Rio Meo	15	Max WS	TR30_02-Affluent	23.24	285.64	287.21		287.59	0.007916	2.75	8.45	6.39	0.76
Rio Meo	Rio Meo	15	Max WS	TR30_03-Affluent	20.98	285.64	287.12		287.48	0.007997	2.67	7.86	6.38	0.77
Rio Meo	Rio Meo	15	Max WS	TR200_01-Affluent	42.41	285.64	287.66	287.72	288.29	0.009682	3.58	13.36	14.00	0.86
Rio Meo	Rio Meo	15	Max WS	TR200_02-Affluent	41.48	285.64	287.64	287.70	288.27	0.009804	3.57	12.99	14.00	0.86
Rio Meo	Rio Meo	15	Max WS	TR200_03-Affluent	37.02	285.64	287.55	287.57	288.14	0.009454	3.41	11.79	13.99	0.84
Rio Meo	Rio Meo	14	Max WS	TR30_01-Affluent	22.46	285.25	286.98	287.39	287.90	0.023781	4.25	5.29	4.35	1.23
Rio Meo	Rio Meo	14	Max WS	TR30_02-Affluent	23.23	285.25	287.01	287.42	287.94	0.023715	4.28	5.43	4.37	1.23
Rio Meo	Rio Meo	14	Max WS	TR30_03-Affluent	20.98	285.25	286.92	287.18	287.81	0.023950	4.18	5.02	4.31	1.24
Rio Meo	Rio Meo	14	Max WS	TR200_01-Affluent	40.10	285.25	287.49	287.83	288.57	0.021596	4.81	10.05	12.47	1.19
Rio Meo	Rio Meo	14	Max WS	TR200_02-Affluent	39.13	285.25	287.46	287.81	288.57	0.022412	4.85	9.64	12.47	1.21
Rio Meo	Rio Meo	14	Max WS	TR200_03-Affluent	35.17	285.25	287.36	287.73	288.49	0.023280	4.80	8.46	12.46	1.23
Rio Meo	Rio Meo	13	Max WS	TR30_01-Affluent	22.45	285.12	286.54	286.12	286.74	0.003703	1.97	11.42	9.28	0.57
Rio Meo	Rio Meo	13	Max WS	TR30_02-Affluent	23.23	285.12	286.57	286.14	286.77	0.003704	1.99	11.69	9.32	0.57
Rio Meo	Rio Meo	13	Max WS	TR30_03-Affluent	20.98	285.12	286.49	286.08	286.68	0.003714	1.92	10.90	9.20	0.56
Rio Meo	Rio Meo	13	Max WS	TR200_01-Affluent	42.75	285.12	287.11	286.61	287.41	0.003927	2.48	18.66	17.22	0.61
Rio Meo	Rio Meo	13	Max WS	TR200_02-Affluent	40.96	285.12	287.06	286.57	287.36	0.003960	2.45	17.89	17.17	0.61
Rio Meo	Rio Meo	13	Max WS	TR200_03-Affluent	36.40	285.12	286.94	286.46	287.23	0.004013	2.38	15.90	15.46	0.61
Rio Meo	Rio Meo	11	Max WS	TR30_01-Affluent	22.45	283.37	284.98	285.01	285.57	0.013338	3.41	6.59	6.05	1.04
Rio Meo	Rio Meo	11	Max WS	TR30_02-Affluent	23.23	283.37	285.00	285.04	285.61	0.013506	3.45	6.73	6.10	1.05
Rio Meo	Rio Meo	11	Max WS	TR30_03-Affluent	20.98	283.37	284.93	284.95	285.49	0.013034	3.31	6.33	5.96	1.03
Rio Meo	Rio Meo	11	Max WS	TR200_01-Affluent	42.75	283.37	285.52	285.65	286.39	0.013477	4.17	10.63	8.21	1.09
Rio Meo	Rio Meo	11	Max WS	TR200_02-Affluent	40.96	283.37	285.47	285.60	286.33	0.013847	4.15	10.20	8.14	1.10
Rio Meo	Rio Meo	11	Max WS	TR200_03-Affluent	36.41	283.37	285.34	285.48	286.18	0.014507	4.07	9.18	7.97	1.12
Rio Meo	Rio Meo	10.9	Max WS	TR30_01-Affluent	22.45	283.22	284.43	284.85	285.58	0.033463	4.76	4.87	7.24	1.59
Rio Meo	Rio Meo	10.9	Max WS	TR30_02-Affluent	23.23	283.22	284.45	284.87	285.62	0.033191	4.80	5.03	7.52	1.58
Rio Meo	Rio Meo	10.9	Max WS	TR30_03-Affluent	20.98	283.22	284.39	284.79	285.50	0.034105	4.68	4.57	6.69	1.59
Rio Meo	Rio Meo	10.9	Max WS	TR200_01-Affluent	46.49	283.22	284.97	285.42	286.34	0.026970	5.48	10.42	13.50	1.49
Rio Meo	Rio Meo	10.9	Max WS	TR200_02-Affluent	43.80	283.22	284.92	285.37	286.28	0.027560	5.44	9.76	12.93	1.50
Rio Meo	Rio Meo	10.9	Max WS	TR200_03-Affluent	37.65	283.22	284.80	285.27	286.14	0.026926	5.31	8.29	11.54	1.52
Rio Meo	Rio Meo	10.8	Max WS	TR30_01-Affluent	22.44	282.16	283.80	283.49	284.02	0.004531	2.29	11.59	11.87	0.66
Rio Meo	Rio Meo	10.8	Max WS	TR30_02-Affluent	23.23	282.16	283.82	283.51	284.05	0.004510	2.32	11.90	12.14	0.66
Rio Meo	Rio Meo	10.8	Max WS	TR30_03-Affluent	20.98	282.16	283.75	283.45	283.96	0.004566	2.24	11.02	11.35	0.66
Rio Meo	Rio Meo	10.8	Max WS	TR200_01-Affluent	46.63	282.16	284.47	284.06	284.80	0.003985	2.88	20.68	14.17	0.67
Rio Meo	Rio Meo	10.8	Max WS	TR200_02-Affluent	43.93	282.16	284.41	284.01	284.73	0.004018	2.83	19.77	14.06	0.67
Rio Meo	Rio Meo	10.8	Max WS	TR200_03-Affluent	37.76	282.16	284.25	283.86	284.55	0.004112	2.70	17.60	13.80	0.67
Rio Meo	Rio Meo	10.7	Max WS	TR30_01-Affluent	22.44	280.60	282.00		282.32	0.007099	2.49	9.03	8.57	0.77
Rio Meo	Rio Meo	10.7	Max WS	TR30_02-Affluent	23.23	280.60	282.03		282.35	0.007073	2.51	9.26	8.64	0.77
Rio Meo	Rio Meo	10.7	Max WS	TR30_03-Affluent	20.98	280.60	281.95		282.26	0.007138	2.44	8.59	8.45	0.77
Rio Meo	Rio Meo	10.7	Max WS	TR200_01-Affluent	46.62	280.60	282.72		283.15	0.005864	2.91	16.59	12.02	0.75
Rio Meo	Rio Meo	10.7	Max WS	TR200_02-Affluent	43.93	280.60	282.65		283.07	0.006026	2.88	15.71	11.81	0.75
Rio Meo	Rio Meo	10.7	Max WS	TR200_03-Affluent	37.76	280.60	282.48		282.88	0.006329	2.80	13.78	11.32	0.76
Rio Meo	Rio Meo	10.6	Max WS	TR30_01-Affluent	22.44	280.48	281.94	281.56	282.13	0.003704	1.92	11.71	10.45	0.58
Rio Meo	Rio Meo	10.6	Max WS	TR30_02-Affluent	23.23	280.48	281.97	281.58	282.16	0.003684	1.94	12.00	10.46	0.58
Rio Meo	Rio Meo	10.6	Max WS	TR30_03-Affluent	20.98	280.48	281.89	281.52	282.07	0.003747	1.88	11.17	10.43	0.58
Rio Meo	Rio Meo	10.6	Max WS	TR200_01-Affluent	46.66	280.48	282.67	282.09	282.96	0.003472	2.40	19.44	11.16	0.57
Rio Meo	Rio Meo	10.6	Max WS	TR200_02-Affluent	43.98	280.48	282.60	282.04	282.88	0.003490	2.36	18.65	10.71	0.57
Rio Meo	Rio Meo	10.6	Max WS	TR200_03-Affluent	37.78	280.48	282.43	281.92	282.68	0.003493	2.24	16.84	10.64	0.57
Rio Meo	Rio Meo	10.5	Max WS	TR30_01-Affluent	22.44	279.57	281.36		281.53	0.003044	1.84	12.18	9.90	0.53
Rio Meo	Rio Meo	10.5	Max WS	TR30_02-Affluent	23.23	279.57	281.40		281.57	0.003004	1.85	12.57	10.05	0.53
Rio Meo	Rio Meo	10.5	Max WS	TR30_03-Affluent	20.98	279.57	281.29		281.46	0.003119	1.83	11.47	9.61	0.53
Rio Meo	Rio Meo	10.5	Max WS	TR200_01-Affluent	46.66	279.57	282.39		282.58	0.001996	1.95	23.88	12.02	0.44
Rio Meo	Rio Meo	10.5	Max WS	TR200_02-Affluent	43.98	279.57	282.29		282.48	0.002063	1.94	22.69	11.97	0.45
Rio Meo	Rio Meo	10.5	Max WS	TR200_03-Affluent	37.78	279.57	282.04		282.23	0.002278	1.91	19.82	11.85	0.47
Rio Meo	Rio Meo	10.4	Max WS	TR30_01-Affluent	22.44	279.46	281.27	280.78	281.50	0.003927	2.16	10.40	6.99	0.56
Rio Meo	Rio Meo	10.4	Max WS	TR30_02-Affluent	23.23	279.46	281.30	280.80	281.55	0.003930	2.18	10.65	7.00	0.56
Rio Meo	Rio Meo	10.4	Max WS	TR30_03-Affluent	20.98	279.46	281.20	280.73	281.43	0.003924	2.11	9.93	6.97	0.56
Rio Meo	Rio Meo	10.4	Max WS	TR200_01-Affluent	46.66	279.46	282.21	281.44	282.59	0.003870	2.72	17.36	8.03	0.56
Rio Meo	Rio Meo	10.4	Max WS	TR200_02-Affluent	43.97	279.46	282.12	281.37	282.48	0.003883	2.67	16.62	7.88	0.56
Rio Meo	Rio Meo	10.4	Max WS	TR200_03-Affluent	37.78	279.46	281.89	281.21	282.22	0.003924	2.54	14.89	7.52	0.56
Rio Meo	Rio Meo	10.3	Max WS	TR30_01-Affluent	22.44	279.19	281.00		281.25	0.004266	2.21	10.14	7.28	0.60
Rio Meo	Rio Meo	10.3	Max WS	TR30_02-Affluent	23.23	279.19	281.03		281.29	0.004240	2.23	10.41	7.29	0.60
Rio Meo	Rio Meo	10.3	Max WS	TR30_03-Affluent	20.98	279.19	280.93		281.17	0.004313	2.17	9.65	7.25	0.60
Rio Meo	Rio Meo	10.3	Max WS	TR200_01-Affluent	46.66	279.19	281.94		282.32	0.004001	2.72	17.20	7.97	0.58
Rio Meo	Rio Meo	10.3	Max WS	TR200_02-Affluent	43.97	279.19	281.85		282.21	0.004023	2.67	16.48	7.83	0.58
Rio Meo	Rio Meo	10.3	Max WS	TR200_03-Affluent	37.78	279.19	281.63		281.96	0.004085	2.55	14.82	7.49	0.58
Rio Meo	Rio Meo	10.2	Max WS	TR30_01-Affluent	22.43	279.30	280.96	280.46	281.20	0.004135	2.16	10.38	6.95	0.56
Rio Meo	Rio Meo	10.2	Max WS	TR30_02-Affluent	23.23	279.30	281.00	280.49	281.24	0.004137	2.19	10.63	6.97	0.57
Rio Meo	Rio Meo	10.2	Max WS	TR30_03-Affluent	20.98	279.30	280.89	280.41	281.12	0.004134	2.12	9.91	6.91	0.56
Rio Meo	Rio Meo	10.2	Max WS	TR200_01-Affluent	46.66	279.30	281.90	281.13	282.28	0.004187	2.72	17.18	7.78	0.57
Rio Meo	Rio Meo	10.2	Max WS	TR200_02-Affluent	43.97	279.30	281.81	281.06	282.17	0.004198	2.67	16.48	7.63	0.57
Rio Meo	Rio Meo	10.2	Max WS	TR200_03-Affluent	37.78	279.30	281.59	280.91	281.92	0.004215	2.54	14.87	7.30	0.57
Rio Meo	Rio Meo	10.1	Max WS	TR30_01-Affluent	22.43	278.87	280.54		280.84	0.005526	2.42	9.29	6.79	0.66
Rio Meo	Rio Meo	10.1	Max WS	TR30_02-Affluent	23.22	278.87	280.58		280.88	0.005508	2.44	9.52	6.81	0.66
Rio Meo	Rio Meo	10.1	Max WS	TR30_03-Affluent	20.98	278.87	280.48		280.76	0.005541	2.37	8.86	6.76	0.66
Rio Meo	Rio Meo	10.1	Max WS	TR200_01-Affluent	46.66	278.87	281.36		281.85	0.006066	3.10	15.05	7.25	0.69
Rio Meo	Rio Meo	10.1	Max WS	TR200_02-Affluent	43.97	278.87	281.28		281.75	0.005987	3.04	14.49	7.21	0.68
Rio Meo	Rio Meo	10.1	Max WS	TR200_03-Affluent	37.78	278.87	281.08		281.51	0.005948	2.90	13.03	7.09	0.68
Rio Meo	Rio Meo	10	Max WS	TR30_01-Affluent	22.43	279.03	280.50		280.87	0.007837	2.69	8.33	7.16	0.80
Rio Meo	Rio Meo	10	Max WS	TR30_02-Affluent	23.22	279.03	280.53		280.91	0.007738	2.71	8.57	7.20	0.79
Rio Meo	Rio Meo	10	Max WS	TR30_03-Affluent	20.98	279.03	28							

HEC-RAS Profile: Max WS (Continued)

River	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
Rio Meo	Rio Meo	7	Max WS	TR30_01-Affluent	22.42	277.90	279.70	279.17	279.95	0.004347	2.22	10.12	6.36	0.56
Rio Meo	Rio Meo	7	Max WS	TR30_02-Affluent	23.22	277.90	279.74	279.20	280.00	0.004356	2.24	10.37	6.37	0.56
Rio Meo	Rio Meo	7	Max WS	TR30_03-Affluent	20.98	277.90	279.63	279.12	279.87	0.004355	2.17	9.67	6.33	0.56
Rio Meo	Rio Meo	7	Max WS	TR200_01-Affluent	46.64	277.90	280.52	279.88	280.94	0.005010	2.90	17.82	13.06	0.60
Rio Meo	Rio Meo	7	Max WS	TR200_02-Affluent	43.97	277.90	280.44	279.81	280.85	0.005072	2.87	16.75	13.05	0.61
Rio Meo	Rio Meo	7	Max WS	TR200_03-Affluent	37.78	277.90	280.22	279.64	280.62	0.005340	2.79	13.94	11.70	0.62
Rio Meo	Rio Meo	6	Max WS	TR30_01-Affluent	22.42	277.46	278.84		279.36	0.011948	3.18	7.05	6.02	0.94
Rio Meo	Rio Meo	6	Max WS	TR30_02-Affluent	23.22	277.46	278.87		279.40	0.011922	3.21	7.23	6.03	0.94
Rio Meo	Rio Meo	6	Max WS	TR30_03-Affluent	20.98	277.46	278.79	278.74	279.29	0.012015	3.12	6.73	6.00	0.94
Rio Meo	Rio Meo	6	Max WS	TR200_01-Affluent	46.64	277.46	279.66		280.42	0.011083	3.86	12.08	6.31	0.89
Rio Meo	Rio Meo	6	Max WS	TR200_02-Affluent	43.97	277.46	279.57		280.31	0.011211	3.81	11.54	6.28	0.90
Rio Meo	Rio Meo	6	Max WS	TR200_03-Affluent	37.78	277.46	279.37		280.06	0.011468	3.68	10.27	6.21	0.91
Rio Meo	Rio Meo	5	Max WS	TR30_01-Affluent	22.41	277.10	278.46		278.84	0.008161	2.73	8.21	6.42	0.77
Rio Meo	Rio Meo	5	Max WS	TR30_02-Affluent	23.22	277.10	278.49		278.88	0.008194	2.76	8.40	6.43	0.77
Rio Meo	Rio Meo	5	Max WS	TR30_03-Affluent	20.98	277.10	278.41		278.77	0.008118	2.67	7.87	6.40	0.77
Rio Meo	Rio Meo	5	Max WS	TR200_01-Affluent	46.64	277.10	279.27	278.94	279.87	0.008204	3.43	14.29	15.64	0.77
Rio Meo	Rio Meo	5	Max WS	TR200_02-Affluent	43.97	277.10	279.19	278.87	279.77	0.008318	3.39	13.22	11.64	0.77
Rio Meo	Rio Meo	5	Max WS	TR200_03-Affluent	37.78	277.10	278.99		279.53	0.008465	3.25	11.64	6.56	0.78
Rio Meo	Rio Meo	4	Max WS	TR30_01-Affluent	22.41	277.10	278.41	278.25	278.82	0.009087	2.83	7.92	6.40	0.81
Rio Meo	Rio Meo	4	Max WS	TR30_02-Affluent	23.22	277.10	278.44	278.27	278.86	0.009101	2.86	8.11	6.41	0.81
Rio Meo	Rio Meo	4	Max WS	TR30_03-Affluent	20.98	277.10	278.36	278.20	278.75	0.009078	2.77	7.57	6.39	0.81
Rio Meo	Rio Meo	4	Max WS	TR200_01-Affluent	46.64	277.10	279.22	278.94	279.86	0.009173	3.55	13.13	6.61	0.80
Rio Meo	Rio Meo	4	Max WS	TR200_02-Affluent	43.97	277.10	279.14	278.87	279.76	0.009076	3.48	12.64	6.60	0.80
Rio Meo	Rio Meo	4	Max WS	TR200_03-Affluent	37.78	277.10	278.94	278.71	279.51	0.009135	3.33	11.33	6.55	0.81
Rio Meo	Rio Meo	2	Max WS	TR30_01-Affluent	22.41	274.75	276.42		276.92	0.011302	3.12	7.19	4.93	0.82
Rio Meo	Rio Meo	2	Max WS	TR30_02-Affluent	23.22	274.75	276.46		276.97	0.011265	3.15	7.38	4.93	0.82
Rio Meo	Rio Meo	2	Max WS	TR30_03-Affluent	20.98	274.75	276.35		276.83	0.011369	3.06	6.85	4.93	0.83
Rio Meo	Rio Meo	2	Max WS	TR200_01-Affluent	46.64	274.75	277.44		278.18	0.011413	3.83	12.19	4.94	0.78
Rio Meo	Rio Meo	2	Max WS	TR200_02-Affluent	43.97	274.75	277.34		278.06	0.011347	3.76	11.69	4.94	0.78
Rio Meo	Rio Meo	2	Max WS	TR200_03-Affluent	37.78	274.75	277.09		277.76	0.011213	3.60	10.49	4.93	0.79
Rio Meo	Rio Meo	1	Max WS	TR30_01-Affluent	22.41	274.55	276.17		276.39	0.004371	2.17	11.56	9.87	0.61
Rio Meo	Rio Meo	1	Max WS	TR30_02-Affluent	23.21	274.55	276.21		276.43	0.004271	2.18	11.93	9.87	0.60
Rio Meo	Rio Meo	1	Max WS	TR30_03-Affluent	20.98	274.55	276.10		276.32	0.004570	2.16	10.90	9.87	0.62
Rio Meo	Rio Meo	1	Max WS	TR200_01-Affluent	46.63	274.55	277.18		277.45	0.003014	2.45	21.58	9.89	0.51
Rio Meo	Rio Meo	1	Max WS	TR200_02-Affluent	43.97	274.55	277.08		277.34	0.003084	2.42	20.56	9.89	0.52
Rio Meo	Rio Meo	1	Max WS	TR200_03-Affluent	37.77	274.55	276.83		277.09	0.003288	2.35	18.13	9.88	0.54
Rio Meo	Rio Meo	0	Max WS	TR30_01-Affluent	22.41	274.45	276.06	275.82	276.48	0.010018	3.93	8.96	6.45	1.01
Rio Meo	Rio Meo	0	Max WS	TR30_02-Affluent	23.21	274.45	276.09	275.85	276.53	0.010021	3.98	9.17	6.45	1.01
Rio Meo	Rio Meo	0	Max WS	TR30_03-Affluent	20.98	274.45	276.00	275.78	276.40	0.010019	3.83	8.57	6.45	1.00
Rio Meo	Rio Meo	0	Max WS	TR200_01-Affluent	46.63	274.45	276.96	276.55	277.71	0.010020	5.34	14.75	6.45	1.09
Rio Meo	Rio Meo	0	Max WS	TR200_02-Affluent	43.97	274.45	276.86	276.48	277.58	0.010018	5.20	14.17	6.45	1.08
Rio Meo	Rio Meo	0	Max WS	TR200_03-Affluent	37.77	274.45	276.65	276.31	277.29	0.010018	4.88	12.77	6.45	1.07
Rio della Nosa	Rio della Nosa	20	Max WS	TR30_01-Affluent	25.34	123.93	125.22	125.31	125.80	0.015851	3.38	7.49	8.19	1.13
Rio della Nosa	Rio della Nosa	20	Max WS	TR30_02-Affluent	26.26	123.93	125.25	125.34	125.84	0.015752	3.41	7.70	8.30	1.13
Rio della Nosa	Rio della Nosa	20	Max WS	TR30_03-Affluent	23.16	123.93	125.16	125.24	125.72	0.016039	3.32	6.98	7.93	1.13
Rio della Nosa	Rio della Nosa	20	Max WS	TR200_01-Affluent	53.55	123.93	125.89	125.94	126.66	0.011078	3.94	14.33	10.83	1.02
Rio della Nosa	Rio della Nosa	20	Max WS	TR200_02-Affluent	50.37	123.93	125.82	125.88	126.58	0.011469	3.89	13.60	10.83	1.03
Rio della Nosa	Rio della Nosa	20	Max WS	TR200_03-Affluent	43.18	123.93	125.66	125.74	126.38	0.012645	3.78	11.86	10.82	1.06
Rio della Nosa	Rio della Nosa	19	Max WS	TR30_01-Affluent	25.33	123.66	125.04	124.97	125.44	0.007710	2.83	9.50	11.03	0.85
Rio della Nosa	Rio della Nosa	19	Max WS	TR30_02-Affluent	26.26	123.66	125.07	125.00	125.48	0.007647	2.86	9.79	11.03	0.85
Rio della Nosa	Rio della Nosa	19	Max WS	TR30_03-Affluent	23.15	123.66	124.98	124.91	125.36	0.007859	2.75	8.83	11.03	0.85
Rio della Nosa	Rio della Nosa	19	Max WS	TR200_01-Affluent	53.54	123.66	125.74		126.33	0.006172	3.49	17.22	11.04	0.83
Rio della Nosa	Rio della Nosa	19	Max WS	TR200_02-Affluent	50.37	123.66	125.67		126.24	0.006269	3.43	16.45	11.04	0.83
Rio della Nosa	Rio della Nosa	19	Max WS	TR200_03-Affluent	43.18	123.66	125.50		126.02	0.006604	3.29	14.57	11.04	0.83
Rio della Nosa	Rio della Nosa	18	Max WS	TR30_01-Affluent	25.32	123.33	124.85	124.59	125.13	0.005665	2.33	10.85	9.20	0.69
Rio della Nosa	Rio della Nosa	18	Max WS	TR30_02-Affluent	26.25	123.33	124.88	124.61	125.16	0.005689	2.37	11.10	9.20	0.69
Rio della Nosa	Rio della Nosa	18	Max WS	TR30_03-Affluent	23.15	123.33	124.78	124.53	125.04	0.005630	2.26	10.26	9.20	0.68
Rio della Nosa	Rio della Nosa	18	Max WS	TR200_01-Affluent	53.54	123.33	125.58	125.21	126.03	0.005501	3.00	18.41	10.75	0.69
Rio della Nosa	Rio della Nosa	18	Max WS	TR200_02-Affluent	50.36	123.33	125.50	125.14	125.94	0.005531	2.95	17.61	10.75	0.69
Rio della Nosa	Rio della Nosa	18	Max WS	TR200_03-Affluent	43.17	123.33	125.33	124.98	125.73	0.005630	2.81	15.72	10.75	0.70
Rio della Nosa	Rio della Nosa	17	Max WS	TR30_01-Affluent	25.32	122.38	123.75	123.96	124.53	0.021386	3.91	6.47	7.55	1.35
Rio della Nosa	Rio della Nosa	17	Max WS	TR30_02-Affluent	26.25	122.38	123.77	123.98	124.57	0.021352	3.95	6.65	7.63	1.35
Rio della Nosa	Rio della Nosa	17	Max WS	TR30_03-Affluent	23.15	122.38	123.69	123.89	124.44	0.021358	3.82	6.07	7.34	1.34
Rio della Nosa	Rio della Nosa	17	Max WS	TR200_01-Affluent	53.54	122.38	124.37	124.61	125.40	0.017139	4.51	12.15	10.73	1.27
Rio della Nosa	Rio della Nosa	17	Max WS	TR200_02-Affluent	50.36	122.38	124.31	124.55	125.31	0.017708	4.46	11.51	10.53	1.29
Rio della Nosa	Rio della Nosa	17	Max WS	TR200_03-Affluent	43.17	122.38	124.17	124.41	125.12	0.019162	4.32	10.09	10.09	1.33
Rio della Nosa	Rio della Nosa	16	Max WS	TR30_01-Affluent	25.31	122.01	123.30	123.45	124.07	0.019174	3.90	6.50	6.25	1.22
Rio della Nosa	Rio della Nosa	16	Max WS	TR30_02-Affluent	26.25	122.01	123.33	123.49	124.12	0.019147	3.94	6.67	6.27	1.22
Rio della Nosa	Rio della Nosa	16	Max WS	TR30_03-Affluent	23.15	122.01	123.24	123.38	123.97	0.019205	3.79	6.11	6.20	1.22
Rio della Nosa	Rio della Nosa	16	Max WS	TR200_01-Affluent	53.53	122.01	123.97	124.29	125.18	0.018771	4.90	11.33	9.38	1.23
Rio della Nosa	Rio della Nosa	16	Max WS	TR200_02-Affluent	50.36	122.01	123.90	124.21	125.08	0.018853	4.81	10.76	9.30	1.23
Rio della Nosa	Rio della Nosa	16	Max WS	TR200_03-Affluent	43.17	122.01	123.76	124.04	124.82	0.018954	4.57	9.45	6.63	1.22
Rio della Nosa	Rio della Nosa	15	Max WS	TR30_01-Affluent	25.30	121.63	122.82	122.62	123.07	0.005932	2.21	11.50	12.87	0.72
Rio della Nosa	Rio della Nosa	15	Max WS	TR30_02-Affluent	26.25	121.63	122.85	122.65	123.10	0.005885	2.24	11.82	13.10	0.71
Rio della Nosa	Rio della Nosa	15	Max WS	TR30_03-Affluent	23.15	121.63	122.77	122.58	123.00	0.006021	2.15	10.79	12.35	0.72
Rio della Nosa	Rio della Nosa	15	Max WS	TR200_01-Affluent	53.53	121.63	123.45	123.15	123.83	0.005204	2.79	20.02	14.26	0.71
Rio della Nosa	Rio della Nosa	15	Max WS	TR200_02-Affluent	50.36	121.63	123.38	123.10	123.76	0.005240	2.74	19.16	14.15	0.71
Rio della Nosa	Rio della Nosa	15	Max WS	TR200_03-Affluent	43.17	121.63	123.24	122.98	123.58	0.005344	2.61	17.12	13.89	0.71
Rio della Nosa	Rio della Nosa	14	Max WS	TR30_01-Affluent	25.30	121.12	122.61		122.82	0.004446	2.02	12.52	11.63	0.62
Rio della Nosa	Rio della Nosa	14	Max WS	TR30_02-Affluent	26.25	121.12	122.63		122.85	0.004501	2.05	12.78	11.	

HEC-RAS Profile: Max WS (Continued)

River	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
Rio della Nosa	Rio della Nosa	12	Max WS	TR30_01-Affluenti	25.29	120.21	121.84	121.63	122.21	0.007065	2.71	9.33	7.45	0.77
Rio della Nosa	Rio della Nosa	12	Max WS	TR30_02-Affluenti	26.25	120.21	121.87	121.65	122.25	0.007043	2.74	9.58	7.46	0.77
Rio della Nosa	Rio della Nosa	12	Max WS	TR30_03-Affluenti	23.15	120.21	121.76	121.57	122.12	0.007119	2.64	8.76	7.39	0.77
Rio della Nosa	Rio della Nosa	12	Max WS	TR200_01-Affluenti	53.52	120.21	122.68	122.33	123.28	0.007602	3.43	15.60	6.84	0.70
Rio della Nosa	Rio della Nosa	12	Max WS	TR200_02-Affluenti	50.35	120.21	122.60	122.26	123.17	0.007335	3.35	15.03	7.09	0.69
Rio della Nosa	Rio della Nosa	12	Max WS	TR200_03-Affluenti	43.17	120.21	122.40	122.10	122.92	0.006906	3.17	13.61	7.59	0.68
Rio della Nosa	Rio della Nosa	11	Max WS	TR30_01-Affluenti	25.29	120.11	121.75	121.23	121.96	0.003802	2.07	12.21	8.08	0.52
Rio della Nosa	Rio della Nosa	11	Max WS	TR30_02-Affluenti	26.25	120.11	121.78	121.26	122.00	0.003837	2.10	12.48	8.08	0.52
Rio della Nosa	Rio della Nosa	11	Max WS	TR30_03-Affluenti	23.14	120.11	121.67	121.18	121.87	0.003718	2.00	11.59	8.08	0.51
Rio della Nosa	Rio della Nosa	11	Max WS	TR200_01-Affluenti	53.52	120.11	122.60	121.88	123.01	0.005028	2.82	18.96	7.08	0.57
Rio della Nosa	Rio della Nosa	11	Max WS	TR200_02-Affluenti	50.35	120.11	122.52	121.82	122.90	0.004817	2.74	18.35	7.31	0.56
Rio della Nosa	Rio della Nosa	11	Max WS	TR200_03-Affluenti	43.17	120.11	122.32	121.66	122.65	0.004406	2.57	16.81	7.87	0.55
Rio della Nosa	Rio della Nosa	10	Max WS	TR30_01-Affluenti	25.29	120.19	121.65	121.35	121.95	0.005795	2.42	10.45	8.01	0.68
Rio della Nosa	Rio della Nosa	10	Max WS	TR30_02-Affluenti	26.25	120.19	121.69	121.38	121.99	0.005794	2.45	10.71	8.02	0.68
Rio della Nosa	Rio della Nosa	10	Max WS	TR30_03-Affluenti	23.14	120.19	121.58	121.30	121.86	0.005805	2.35	9.84	8.01	0.68
Rio della Nosa	Rio della Nosa	10	Max WS	TR200_01-Affluenti	53.52	120.19	122.50	122.01	122.99	0.005953	3.10	17.29	8.09	0.68
Rio della Nosa	Rio della Nosa	10	Max WS	TR200_02-Affluenti	50.35	120.19	122.42	121.94	122.89	0.005920	3.03	16.60	8.08	0.68
Rio della Nosa	Rio della Nosa	10	Max WS	TR200_03-Affluenti	43.17	120.19	122.21	121.78	122.64	0.005861	2.88	14.97	8.06	0.68
Rio della Nosa	Rio della Nosa	9	Max WS	TR30_01-Affluenti	25.29	118.77	119.84	119.93	120.45	0.017271	3.47	7.29	7.96	1.16
Rio della Nosa	Rio della Nosa	9	Max WS	TR30_02-Affluenti	26.25	118.77	119.86	119.96	120.49	0.017299	3.52	7.47	7.96	1.16
Rio della Nosa	Rio della Nosa	9	Max WS	TR30_03-Affluenti	23.14	118.77	119.79	119.88	120.36	0.017209	3.36	6.89	7.95	1.15
Rio della Nosa	Rio della Nosa	9	Max WS	TR200_01-Affluenti	53.52	118.77	120.39	120.59	121.46	0.018653	4.58	11.68	7.99	1.21
Rio della Nosa	Rio della Nosa	9	Max WS	TR200_02-Affluenti	50.35	118.77	120.33	120.52	121.36	0.018473	4.48	11.24	7.98	1.21
Rio della Nosa	Rio della Nosa	9	Max WS	TR200_03-Affluenti	43.17	118.77	120.21	120.36	121.12	0.018092	4.23	10.21	7.98	1.19
Rio della Nosa	Rio della Nosa	8	Max WS	TR30_01-Affluenti	25.29	118.51	119.62	119.67	120.18	0.014906	3.31	7.65	7.96	1.08
Rio della Nosa	Rio della Nosa	8	Max WS	TR30_02-Affluenti	26.25	118.51	119.65	119.70	120.22	0.015013	3.36	7.82	7.96	1.08
Rio della Nosa	Rio della Nosa	8	Max WS	TR30_03-Affluenti	23.14	118.51	119.58	119.61	120.09	0.014631	3.19	7.26	7.96	1.06
Rio della Nosa	Rio della Nosa	8	Max WS	TR200_01-Affluenti	53.52	118.51	120.15	120.33	121.19	0.017739	4.51	11.88	7.98	1.18
Rio della Nosa	Rio della Nosa	8	Max WS	TR200_02-Affluenti	50.35	118.51	120.10	120.26	121.09	0.017465	4.39	11.46	7.98	1.17
Rio della Nosa	Rio della Nosa	8	Max WS	TR200_03-Affluenti	43.17	118.51	119.98	120.10	120.84	0.016799	4.12	10.47	7.98	1.15
Rio della Nosa	Rio della Nosa	7	Max WS	TR30_01-Affluenti	25.29	118.15	119.12	119.31	119.87	0.024508	3.84	6.59	8.39	1.38
Rio della Nosa	Rio della Nosa	7	Max WS	TR30_02-Affluenti	26.25	118.15	119.14	119.33	119.91	0.024638	3.89	6.74	8.40	1.39
Rio della Nosa	Rio della Nosa	7	Max WS	TR30_03-Affluenti	23.14	118.15	119.08	119.25	119.78	0.024208	3.70	6.25	8.38	1.37
Rio della Nosa	Rio della Nosa	7	Max WS	TR200_01-Affluenti	53.52	118.15	119.57	119.94	120.92	0.027409	5.16	10.37	8.51	1.49
Rio della Nosa	Rio della Nosa	7	Max WS	TR200_02-Affluenti	50.35	118.15	119.52	119.88	120.82	0.027088	5.04	10.00	8.50	1.48
Rio della Nosa	Rio della Nosa	7	Max WS	TR200_03-Affluenti	43.17	118.15	119.42	119.73	120.56	0.026399	4.74	9.11	8.47	1.46
Rio della Nosa	Rio della Nosa	6	Max WS	TR30_01-Affluenti	25.29	117.90	118.80	119.06	119.68	0.031798	4.16	6.09	8.72	1.59
Rio della Nosa	Rio della Nosa	6	Max WS	TR30_02-Affluenti	26.25	117.90	118.82	119.08	119.72	0.031602	4.20	6.25	8.74	1.59
Rio della Nosa	Rio della Nosa	6	Max WS	TR30_03-Affluenti	23.14	117.90	118.76	119.00	119.59	0.032275	4.04	5.72	8.68	1.59
Rio della Nosa	Rio della Nosa	6	Max WS	TR200_01-Affluenti	53.52	117.90	119.24	119.68	120.70	0.031029	5.35	10.00	9.14	1.63
Rio della Nosa	Rio della Nosa	6	Max WS	TR200_02-Affluenti	50.35	117.90	119.20	119.61	120.59	0.030815	5.23	9.62	9.10	1.62
Rio della Nosa	Rio della Nosa	6	Max WS	TR200_03-Affluenti	43.17	117.90	119.10	119.47	120.35	0.030400	4.94	8.74	9.00	1.60
Rio della Nosa	Rio della Nosa	5	Max WS	TR30_01-Affluenti	25.29	117.42	118.47	118.82	119.59	0.039934	4.69	5.39	7.75	1.80
Rio della Nosa	Rio della Nosa	5	Max WS	TR30_02-Affluenti	26.25	117.42	118.48	118.84	119.63	0.039947	4.74	5.54	7.82	1.80
Rio della Nosa	Rio della Nosa	5	Max WS	TR30_03-Affluenti	23.14	117.42	118.42	118.76	119.49	0.039863	4.57	5.06	7.57	1.79
Rio della Nosa	Rio della Nosa	5	Max WS	TR200_01-Affluenti	53.51	117.42	118.90	119.43	120.64	0.039938	5.85	9.15	9.22	1.87
Rio della Nosa	Rio della Nosa	5	Max WS	TR200_02-Affluenti	50.35	117.42	118.86	119.37	120.53	0.039925	5.72	8.80	9.18	1.87
Rio della Nosa	Rio della Nosa	5	Max WS	TR200_03-Affluenti	43.17	117.42	118.77	119.22	120.28	0.039935	5.45	7.92	9.00	1.85
Rio Allese	Rio Allese	50	Max WS	TR30_01-Affluenti	16.89	189.72	191.03	191.03	191.46	0.010661	2.93	5.77	5.33	0.90
Rio Allese	Rio Allese	50	Max WS	TR30_02-Affluenti	16.38	189.72	191.01	191.03	191.43	0.010655	2.90	5.65	5.31	0.90
Rio Allese	Rio Allese	50	Max WS	TR30_03-Affluenti	14.17	189.72	190.90	190.90	191.29	0.010812	2.78	5.09	5.24	0.90
Rio Allese	Rio Allese	50	Max WS	TR200_01-Affluenti	34.58	189.72	191.67	191.64	192.34	0.010336	3.66	9.88	7.70	0.91
Rio Allese	Rio Allese	50	Max WS	TR200_02-Affluenti	30.06	189.72	191.52	191.46	192.15	0.010582	3.53	8.75	7.20	0.91
Rio Allese	Rio Allese	50	Max WS	TR200_03-Affluenti	25.72	189.72	191.37	191.30	191.95	0.010761	3.37	7.72	6.45	0.91
Rio Allese	Rio Allese	49	Max WS	TR30_01-Affluenti	16.89	189.53	190.95	190.70	191.27	0.006840	2.50	6.83	6.40	0.72
Rio Allese	Rio Allese	49	Max WS	TR30_02-Affluenti	16.38	189.53	190.93	190.68	191.24	0.006805	2.47	6.69	6.29	0.72
Rio Allese	Rio Allese	49	Max WS	TR30_03-Affluenti	14.17	189.53	190.83	190.58	191.10	0.006689	2.34	6.08	5.79	0.71
Rio Allese	Rio Allese	49	Max WS	TR200_01-Affluenti	34.57	189.53	191.57	191.38	192.08	0.007062	3.23	11.77	9.28	0.76
Rio Allese	Rio Allese	49	Max WS	TR200_02-Affluenti	30.06	189.53	191.42	191.23	191.90	0.007314	3.10	10.41	8.90	0.76
Rio Allese	Rio Allese	49	Max WS	TR200_03-Affluenti	25.72	189.53	191.27	191.06	191.71	0.007399	2.95	9.17	7.81	0.76
Rio Allese	Rio Allese	48	Max WS	TR30_01-Affluenti	16.89	189.25	190.52	190.52	190.94	0.010174	2.85	5.94	5.67	0.87
Rio Allese	Rio Allese	48	Max WS	TR30_02-Affluenti	16.38	189.25	190.50	190.50	190.91	0.010105	2.81	5.83	5.58	0.87
Rio Allese	Rio Allese	48	Max WS	TR30_03-Affluenti	14.17	189.25	190.42	190.42	190.77	0.009675	2.64	5.37	5.38	0.84
Rio Allese	Rio Allese	48	Max WS	TR200_01-Affluenti	34.57	189.25	191.07	191.10	191.77	0.011482	3.77	9.73	7.90	0.95
Rio Allese	Rio Allese	48	Max WS	TR200_02-Affluenti	30.06	189.25	190.94	190.95	191.59	0.011272	3.58	8.78	7.66	0.94
Rio Allese	Rio Allese	48	Max WS	TR200_03-Affluenti	25.72	189.25	190.82	190.77	191.40	0.011038	3.38	7.83	7.13	0.92
Rio Allese	Rio Allese	47	Max WS	TR30_01-Affluenti	16.89	189.22	190.33	190.50	191.05	0.023598	3.74	4.52	5.41	1.31
Rio Allese	Rio Allese	47	Max WS	TR30_02-Affluenti	16.38	189.22	190.32	190.48	191.02	0.023678	3.71	4.42	5.39	1.31
Rio Allese	Rio Allese	47	Max WS	TR30_03-Affluenti	14.17	189.22	190.23	190.39	190.88	0.024395	3.57	3.97	5.32	1.32
Rio Allese	Rio Allese	47	Max WS	TR200_01-Affluenti	34.56	189.22	190.86	191.14	191.95	0.022865	4.62	7.48	5.87	1.31
Rio Allese	Rio Allese	47	Max WS	TR200_02-Affluenti	30.06	189.22	190.74	191.00	191.74	0.022713	4.42	6.80	5.77	1.30
Rio Allese	Rio Allese	47	Max WS	TR200_03-Affluenti	25.71	189.22	190.62	190.83	191.53	0.022762	4.22	6.10	5.66	1.30
Rio Allese	Rio Allese	46	Max WS	TR30_01-Affluenti	16.89	189.17	190.28	190.45	190.99	0.023569	3.73	4.52	5.48	1.31
Rio Allese	Rio Allese	46	Max WS	TR30_02-Affluenti	16.38	189.17	190.26	190.42	190.96	0.023693	3.70	4.42	5.46	1.31
Rio Allese	Rio Allese	46	Max WS	TR30_03-Affluenti	14.17	189.17	190.17	190.33	190.83	0.024749	3.58	3.95	5.38	1.33
Rio Allese	Rio Allese	46	Max WS	TR200_01-Affluenti	34.55	189.17	190.77	191.08	191.85	0.022503	4.64	7.91	9.09	1.32
Rio Allese	Rio Allese	46	Max WS	TR200_02-Affluenti	30.05	189.17	190.67	190.96	191.67	0.022478	4.43	7.01	9.03	1.31
Rio Allese	Rio Allese	46	Max WS	TR200_03-Affluenti	25.71	189.17	190.56	190.84	191.46	0.022449	4.20	6.13	6.30	1.30
Rio Allese	Rio Allese	45	Max WS	TR30_01-Affluenti										

River	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
Rio Allese	Rio Allese	42.4	Max WS	TR200_03-Affluent	25.71	188.02	189.31	189.41	189.82	0.011275	3.22	8.65	13.37	0.99
Rio Allese	Rio Allese	42	Max WS	TR30_01-Affluent	16.08	187.81	188.88		189.21	0.009208	2.57	6.29	8.20	0.87
Rio Allese	Rio Allese	42	Max WS	TR30_02-Affluent	15.90	187.81	188.88		189.21	0.009075	2.54	6.27	8.14	0.87
Rio Allese	Rio Allese	42	Max WS	TR30_03-Affluent	14.17	187.81	188.85		189.13	0.007859	2.33	6.08	7.58	0.80
Rio Allese	Rio Allese	42	Max WS	TR200_01-Affluent	34.12	187.81	189.44		189.84	0.006865	2.93	13.74	14.80	0.80
Rio Allese	Rio Allese	42	Max WS	TR200_02-Affluent	29.99	187.81	189.34	189.31	189.73	0.007148	2.86	12.20	14.80	0.81
Rio Allese	Rio Allese	42	Max WS	TR200_03-Affluent	25.71	187.81	189.21	189.20	189.60	0.007775	2.82	10.31	14.69	0.83
Rio Allese	Rio Allese	41	Max WS	TR30_01-Affluent	15.85	187.73	188.81	188.71	189.13	0.008614	2.50	6.38	8.45	0.85
Rio Allese	Rio Allese	41	Max WS	TR30_02-Affluent	15.63	187.73	188.81	188.70	189.12	0.008417	2.47	6.37	8.41	0.84
Rio Allese	Rio Allese	41	Max WS	TR30_03-Affluent	14.17	187.73	188.79	188.64	189.06	0.007335	2.28	6.23	8.02	0.78
Rio Allese	Rio Allese	41	Max WS	TR200_01-Affluent	34.17	187.73	189.39	189.31	189.77	0.006419	2.87	14.12	14.80	0.77
Rio Allese	Rio Allese	41	Max WS	TR200_02-Affluent	30.00	187.73	189.28	189.23	189.65	0.006674	2.80	12.54	14.80	0.78
Rio Allese	Rio Allese	41	Max WS	TR200_03-Affluent	25.71	187.73	189.15	189.12	189.52	0.007335	2.77	10.58	14.71	0.81
Rio Allese	Rio Allese	40	Max WS	TR30_01-Affluent	16.94	186.69	188.28		188.67	0.009443	2.77	6.11	6.03	0.88
Rio Allese	Rio Allese	40	Max WS	TR30_02-Affluent	16.38	186.69	188.26		188.64	0.009345	2.73	5.99	5.98	0.87
Rio Allese	Rio Allese	40	Max WS	TR30_03-Affluent	14.17	186.69	188.17		188.51	0.008893	2.58	5.49	5.80	0.85
Rio Allese	Rio Allese	40	Max WS	TR200_01-Affluent	34.17	186.69	188.77	188.78	189.45	0.012051	3.67	9.32	7.42	1.02
Rio Allese	Rio Allese	40	Max WS	TR200_02-Affluent	30.00	186.69	188.66	188.65	189.28	0.011582	3.49	8.61	6.87	0.99
Rio Allese	Rio Allese	40	Max WS	TR200_03-Affluent	27.07	186.69	188.56	188.55	189.16	0.011935	3.43	7.90	6.64	1.00
Rio Allese	Rio Allese	39	Max WS	TR30_01-Affluent	16.93	187.12	188.21		188.61	0.010720	2.79	6.07	6.54	0.92
Rio Allese	Rio Allese	39	Max WS	TR30_02-Affluent	16.38	187.12	188.19		188.58	0.010698	2.76	5.94	6.51	0.92
Rio Allese	Rio Allese	39	Max WS	TR30_03-Affluent	14.17	187.12	188.11		188.46	0.010556	2.62	5.41	6.38	0.91
Rio Allese	Rio Allese	39	Max WS	TR200_01-Affluent	34.17	187.12	188.68	188.78	189.36	0.012412	3.67	9.49	10.12	1.03
Rio Allese	Rio Allese	39	Max WS	TR200_02-Affluent	30.00	187.12	188.59	188.60	189.20	0.012097	3.47	8.65	7.93	1.01
Rio Allese	Rio Allese	39	Max WS	TR200_03-Affluent	25.71	187.12	188.48	188.46	189.02	0.011739	3.27	7.85	6.95	0.98
Rio Allese	Rio Allese	38	Max WS	TR30_01-Affluent	16.92	186.66	187.89	187.82	188.14	0.008945	2.31	8.60	15.53	0.79
Rio Allese	Rio Allese	38	Max WS	TR30_02-Affluent	16.38	186.66	187.87	187.81	188.12	0.008939	2.30	8.33	15.19	0.79
Rio Allese	Rio Allese	38	Max WS	TR30_03-Affluent	14.16	186.66	187.80	187.72	188.04	0.007037	2.21	7.28	13.82	0.78
Rio Allese	Rio Allese	38	Max WS	TR200_01-Affluent	34.17	186.66	188.32	188.22	188.62	0.006255	2.67	15.63	16.97	0.78
Rio Allese	Rio Allese	38	Max WS	TR200_02-Affluent	30.00	186.66	188.23	188.14	188.52	0.006252	2.58	14.20	16.78	0.78
Rio Allese	Rio Allese	38	Max WS	TR200_03-Affluent	25.71	186.66	188.14	188.06	188.41	0.006285	2.49	12.61	16.58	0.77
Rio Allese	Rio Allese	37	Max WS	TR30_01-Affluent	16.92	185.41	187.34		187.73	0.010849	2.78	6.09	6.34	0.91
Rio Allese	Rio Allese	37	Max WS	TR30_02-Affluent	16.38	185.41	187.31		187.70	0.011142	2.79	5.88	6.21	0.92
Rio Allese	Rio Allese	37	Max WS	TR30_03-Affluent	14.16	185.41	187.18		187.57	0.012062	2.77	5.10	5.74	0.94
Rio Allese	Rio Allese	37	Max WS	TR200_01-Affluent	34.16	185.41	188.07		188.42	0.006112	2.73	14.70	16.43	0.73
Rio Allese	Rio Allese	37	Max WS	TR200_02-Affluent	29.99	185.41	187.98		188.31	0.005989	2.63	13.22	16.23	0.72
Rio Allese	Rio Allese	37	Max WS	TR200_03-Affluent	25.70	185.41	187.87		188.18	0.005866	2.51	11.51	15.17	0.71
Rio Allese	Rio Allese	36.6	Max WS	TR30_01-Affluent	16.92	185.89	187.27		187.55	0.006720	2.38	7.22	9.00	0.76
Rio Allese	Rio Allese	36.6	Max WS	TR30_02-Affluent	16.38	185.89	187.23		187.52	0.006996	2.38	6.93	8.38	0.77
Rio Allese	Rio Allese	36.6	Max WS	TR30_03-Affluent	14.16	185.89	187.10		187.39	0.007991	2.38	5.96	6.77	0.81
Rio Allese	Rio Allese	36.6	Max WS	TR200_01-Affluent	34.16	185.89	188.05		188.27	0.003239	2.22	18.57	16.62	0.56
Rio Allese	Rio Allese	36.6	Max WS	TR200_02-Affluent	29.99	185.89	187.95		188.16	0.003144	2.13	16.95	16.48	0.55
Rio Allese	Rio Allese	36.6	Max WS	TR200_03-Affluent	25.70	185.89	187.84		188.03	0.003061	2.03	15.11	16.31	0.54
Rio Allese	Rio Allese	36.4	Max WS	TR30_01-Affluent	16.92	185.33	187.23		187.40	0.003090	1.86	9.10	6.26	0.49
Rio Allese	Rio Allese	36.4	Max WS	TR30_02-Affluent	16.38	185.33	187.19		187.36	0.003099	1.85	8.87	6.22	0.49
Rio Allese	Rio Allese	36.4	Max WS	TR30_03-Affluent	14.16	185.33	187.05		187.21	0.003049	1.76	8.03	6.06	0.49
Rio Allese	Rio Allese	36.4	Max WS	TR200_01-Affluent	33.93	185.33	187.97		188.26	0.003856	2.40	14.59	9.30	0.53
Rio Allese	Rio Allese	36.4	Max WS	TR200_02-Affluent	29.93	185.33	187.89		188.14	0.003159	2.21	13.86	9.30	0.50
Rio Allese	Rio Allese	36.4	Max WS	TR200_03-Affluent	25.70	185.33	187.80		188.00	0.002685	1.99	13.06	9.17	0.46
Rio Allese	Rio Allese	35	Max WS	TR30_01-Affluent	16.92	185.27	187.20		187.37	0.002882	1.81	9.33	6.30	0.48
Rio Allese	Rio Allese	35	Max WS	TR30_02-Affluent	16.38	185.27	187.17		187.33	0.002886	1.80	9.11	6.26	0.48
Rio Allese	Rio Allese	35	Max WS	TR30_03-Affluent	14.16	185.27	187.03		187.18	0.002819	1.71	8.26	6.10	0.47
Rio Allese	Rio Allese	35	Max WS	TR200_01-Affluent	34.05	185.27	187.93		188.21	0.003393	2.35	15.42	11.50	0.52
Rio Allese	Rio Allese	35	Max WS	TR200_02-Affluent	29.98	185.27	187.86		188.10	0.002967	2.16	14.59	11.50	0.49
Rio Allese	Rio Allese	35	Max WS	TR200_03-Affluent	25.70	185.27	187.78		187.97	0.002505	1.94	13.66	11.50	0.45
Rio Allese	Rio Allese	34	Max WS	TR30_01-Affluent	16.92	184.79	187.10	186.27	187.30	0.003604	2.01	8.42	4.40	0.46
Rio Allese	Rio Allese	34	Max WS	TR30_02-Affluent	16.38	184.79	187.06	186.24	187.26	0.003538	1.98	8.27	4.40	0.46
Rio Allese	Rio Allese	34	Max WS	TR30_03-Affluent	14.16	184.79	186.94	186.12	187.11	0.003158	1.83	7.74	4.35	0.44
Rio Allese	Rio Allese	34	Max WS	TR200_01-Affluent	20.56	184.79	187.99	186.44	188.13	0.001963	1.66	12.36	4.40	0.32
Rio Allese	Rio Allese	34	Max WS	TR200_02-Affluent	19.91	184.79	187.91	186.41	188.05	0.001986	1.66	12.00	4.40	0.32
Rio Allese	Rio Allese	34	Max WS	TR200_03-Affluent	18.68	184.79	187.81	186.35	187.95	0.001915	1.61	11.57	4.40	0.32
Rio Allese	Rio Allese	33	Max WS	TR30_01-Affluent	16.92	184.59	186.42	186.40	187.17	0.021332	3.85	4.39	2.85	0.99
Rio Allese	Rio Allese	33	Max WS	TR30_02-Affluent	16.38	184.59	186.38	186.37	187.12	0.021139	3.81	4.30	2.83	0.99
Rio Allese	Rio Allese	33	Max WS	TR30_03-Affluent	14.16	184.59	186.24	186.22	186.91	0.020309	3.63	3.91	2.77	0.98
Rio Allese	Rio Allese	33	Max WS	TR200_01-Affluent	20.58	184.59	186.97		187.56	0.013889	3.40	6.05	3.07	0.77
Rio Allese	Rio Allese	33	Max WS	TR200_02-Affluent	19.91	184.59	186.85		187.48	0.015245	3.50	5.68	3.03	0.82
Rio Allese	Rio Allese	33	Max WS	TR200_03-Affluent	18.69	184.59	186.78		187.38	0.014844	3.42	5.47	3.00	0.81
Rio Allese	Rio Allese	32	Max WS	TR30_01-Affluent	16.92	184.45	185.93	185.63	186.23	0.006636	2.45	6.90	5.26	0.68
Rio Allese	Rio Allese	32	Max WS	TR30_02-Affluent	16.38	184.45	185.90	185.60	186.20	0.006619	2.42	6.76	5.25	0.68
Rio Allese	Rio Allese	32	Max WS	TR30_03-Affluent	14.16	184.45	185.78	185.51	186.05	0.006577	2.31	6.12	5.21	0.68
Rio Allese	Rio Allese	32	Max WS	TR200_01-Affluent	28.75	184.45	186.49	186.07	186.92	0.006988	2.90	9.90	5.34	0.68
Rio Allese	Rio Allese	32	Max WS	TR200_02-Affluent	26.56	184.45	186.39	185.99	186.80	0.006945	2.84	9.37	5.34	0.68
Rio Allese	Rio Allese	32	Max WS	TR200_03-Affluent	24.49	184.45	186.30	185.9						

HEC-RAS Profile: Max WS (Continued)

River	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
Migliana	Migliana Monte	13	Max WS	TR200_02-Migliana	58.04	199.77	202.26	202.26	202.83	0.007199	3.54	19.84	17.20	0.83
Migliana	Migliana Monte	13	Max WS	TR200_03-Migliana	50.07	199.77	202.13	202.12	202.67	0.007083	3.39	17.59	17.07	0.82
Migliana	Migliana Valle	12.7	Max WS	TR30_01-Migliana	36.56	197.48	198.75	199.20	200.18	0.036571	5.29	6.91	7.42	1.75
Migliana	Migliana Valle	12.7	Max WS	TR30_02-Migliana	37.28	197.48	198.77	199.21	200.21	0.036621	5.33	7.00	7.44	1.75
Migliana	Migliana Valle	12.7	Max WS	TR30_03-Migliana	33.24	197.48	198.69	199.11	200.04	0.036583	5.14	6.47	7.30	1.74
Migliana	Migliana Valle	12.7	Max WS	TR200_01-Migliana	73.99	197.48	199.31	199.99	201.49	0.036394	6.53	11.32	8.47	1.80
Migliana	Migliana Valle	12.7	Max WS	TR200_02-Migliana	68.65	197.48	199.24	199.90	201.33	0.036478	6.40	10.73	8.33	1.80
Migliana	Migliana Valle	12.7	Max WS	TR200_03-Migliana	58.91	197.48	199.11	199.70	201.01	0.036459	6.11	9.63	8.08	1.79
Migliana	Migliana Valle	12	Max WS	TR30_01-Migliana	36.37	194.87	196.04	196.58	197.82	0.050360	5.90	6.17	7.23	2.04
Migliana	Migliana Valle	12	Max WS	TR30_02-Migliana	37.03	194.87	196.05	196.60	197.85	0.050375	5.93	6.24	7.24	2.04
Migliana	Migliana Valle	12	Max WS	TR30_03-Migliana	33.09	194.87	195.99	196.49	197.66	0.050302	5.72	5.78	7.12	2.03
Migliana	Migliana Valle	12	Max WS	TR200_01-Migliana	73.89	194.87	196.55	197.38	199.30	0.050762	7.35	10.06	8.18	2.12
Migliana	Migliana Valle	12	Max WS	TR200_02-Migliana	68.23	194.87	196.48	197.28	199.10	0.050728	7.17	9.51	8.05	2.11
Migliana	Migliana Valle	12	Max WS	TR200_03-Migliana	58.68	194.87	196.36	197.09	198.75	0.050616	6.85	8.56	7.83	2.09
Migliana	Migliana Valle	11	Max WS	TR30_01-Migliana	36.38	190.40	191.53	192.02	192.86	0.040408	5.11	7.12	9.27	1.86
Migliana	Migliana Valle	11	Max WS	TR30_02-Migliana	37.07	190.40	191.54	192.03	192.89	0.040396	5.14	7.21	9.33	1.87
Migliana	Migliana Valle	11	Max WS	TR30_03-Migliana	33.22	190.40	191.48	191.96	192.75	0.040287	4.98	6.67	9.02	1.85
Migliana	Migliana Valle	11	Max WS	TR200_01-Migliana	74.00	190.40	191.97	192.41	193.85	0.037584	6.16	13.28	18.89	1.90
Migliana	Migliana Valle	11	Max WS	TR200_02-Migliana	68.45	190.40	191.92	192.37	193.75	0.038078	6.06	12.29	18.70	1.90
Migliana	Migliana Valle	11	Max WS	TR200_03-Migliana	58.89	190.40	191.82	192.32	193.56	0.039152	5.86	10.51	16.00	1.90
Migliana	Migliana Valle	10	Max WS	TR30_01-Migliana	36.37	181.69	183.59	183.59	183.83	0.003174	2.17	16.74	10.44	0.55
Migliana	Migliana Valle	10	Max WS	TR30_02-Migliana	37.24	181.69	183.61	183.61	183.86	0.003178	2.19	17.01	10.48	0.55
Migliana	Migliana Valle	10	Max WS	TR30_03-Migliana	33.53	181.69	183.51	183.51	183.73	0.003147	2.11	15.87	10.31	0.54
Migliana	Migliana Valle	10	Max WS	TR200_01-Migliana	70.23	181.69	184.28	184.28	184.72	0.003842	2.92	24.21	11.31	0.62
Migliana	Migliana Valle	10	Max WS	TR200_02-Migliana	66.32	181.69	184.22	184.22	184.63	0.003728	2.83	23.54	10.97	0.61
Migliana	Migliana Valle	10	Max WS	TR200_03-Migliana	58.52	181.69	184.09	184.09	184.45	0.003507	2.65	22.11	10.86	0.59
Migliana	Migliana Valle	9.9	Max WS	TR30_01-Migliana	37.08	181.67	183.55	183.00	183.81	0.003477	2.26	16.43	10.38	0.57
Migliana	Migliana Valle	9.9	Max WS	TR30_02-Migliana	37.94	181.67	183.58	183.03	183.84	0.003479	2.27	16.69	10.42	0.57
Migliana	Migliana Valle	9.9	Max WS	TR30_03-Migliana	34.23	181.67	183.47	182.94	183.71	0.003473	2.20	15.55	10.25	0.57
Migliana	Migliana Valle	9.9	Max WS	TR200_01-Migliana	66.42	181.67	184.31	183.58	184.69	0.003260	2.71	24.62	11.33	0.57
Migliana	Migliana Valle	9.9	Max WS	TR200_02-Migliana	63.52	181.67	184.25	183.53	184.61	0.003284	2.68	23.85	10.98	0.57
Migliana	Migliana Valle	9.9	Max WS	TR200_03-Migliana	57.30	181.67	184.10	183.41	184.44	0.003313	2.59	22.21	10.86	0.57
Migliana	Migliana Valle	9.8	Max WS	TR30_01-Migliana	37.08	180.34	181.20	181.65	182.70	0.046530	5.43	6.83	8.34	1.92
Migliana	Migliana Valle	9.8	Max WS	TR30_02-Migliana	37.94	180.34	181.21	181.67	182.74	0.046501	5.47	6.94	8.35	1.92
Migliana	Migliana Valle	9.8	Max WS	TR30_03-Migliana	34.23	180.34	181.16	181.58	182.58	0.046539	5.28	6.48	8.30	1.91
Migliana	Migliana Valle	9.8	Max WS	TR200_01-Migliana	66.42	180.34	181.59	182.25	183.77	0.044712	6.54	10.15	8.69	1.93
Migliana	Migliana Valle	9.8	Max WS	TR200_02-Migliana	63.52	180.34	181.55	182.20	183.69	0.045389	6.48	9.81	8.65	1.94
Migliana	Migliana Valle	9.8	Max WS	TR200_03-Migliana	57.30	180.34	181.47	182.08	183.48	0.046121	6.29	9.11	8.58	1.95
Migliana	Migliana Valle	9	Max WS	TR30_01-Migliana	37.04	170.28	172.03	172.04	172.67	0.011134	3.54	10.56	8.79	1.01
Migliana	Migliana Valle	9	Max WS	TR30_02-Migliana	38.23	170.28	172.06	172.07	172.71	0.011065	3.57	10.81	8.84	1.01
Migliana	Migliana Valle	9	Max WS	TR30_03-Migliana	34.50	170.28	171.98	171.98	172.58	0.011063	3.44	10.10	8.71	1.00
Migliana	Migliana Valle	9	Max WS	TR200_01-Migliana	71.86	170.28	172.61	172.84	173.66	0.012157	4.58	16.78	14.20	1.10
Migliana	Migliana Valle	9	Max WS	TR200_02-Migliana	67.70	170.28	172.56	172.77	173.56	0.012036	4.47	16.03	14.15	1.09
Migliana	Migliana Valle	9	Max WS	TR200_03-Migliana	58.43	170.28	172.43	172.59	173.32	0.011605	4.21	14.18	9.44	1.06
Migliana	Migliana Valle	8	Max WS	TR30_01-Migliana	33.01	168.10	171.52	171.52	171.63	0.000987	1.49	26.15	20.20	0.30
Migliana	Migliana Valle	8	Max WS	TR30_02-Migliana	33.82	168.10	171.54	171.54	171.65	0.001008	1.51	26.50	20.21	0.31
Migliana	Migliana Valle	8	Max WS	TR30_03-Migliana	31.60	168.10	171.49	171.49	171.59	0.000952	1.46	25.51	20.18	0.30
Migliana	Migliana Valle	8	Max WS	TR200_01-Migliana	52.75	168.10	171.77	171.77	171.96	0.001729	2.07	31.06	20.38	0.41
Migliana	Migliana Valle	8	Max WS	TR200_02-Migliana	50.54	168.10	171.74	171.74	171.93	0.001640	2.00	30.61	20.37	0.39
Migliana	Migliana Valle	8	Max WS	TR200_03-Migliana	45.84	168.10	171.70	171.70	171.86	0.001454	1.87	29.62	20.33	0.37
Migliana	Migliana Valle	7	Max WS	TR30_01-Migliana	28.79	168.00	171.51	169.70	171.65	0.001656	1.72	19.05	11.19	0.30
Migliana	Migliana Valle	7	Max WS	TR30_02-Migliana	29.04	168.00	171.53	169.71	171.68	0.001627	1.72	19.35	11.19	0.30
Migliana	Migliana Valle	7	Max WS	TR30_03-Migliana	28.31	168.00	171.46	169.69	171.61	0.001701	1.73	18.55	11.19	0.31
Migliana	Migliana Valle	7	Max WS	TR200_01-Migliana	32.66	168.00	171.91	169.85	172.03	0.001291	1.64	23.50	11.19	0.27
Migliana	Migliana Valle	7	Max WS	TR200_02-Migliana	32.30	168.00	171.87	169.84	172.00	0.001316	1.65	23.11	11.19	0.28
Migliana	Migliana Valle	7	Max WS	TR200_03-Migliana	31.51	168.00	171.79	169.81	171.92	0.001378	1.66	22.23	11.19	0.28
Migliana	Migliana Valle	6	Max WS	TR30_01-Migliana	28.79	167.96	170.52	169.70	170.92	0.006606	2.77	10.39	4.12	0.56
Migliana	Migliana Valle	6	Max WS	TR30_02-Migliana	29.04	167.96	170.54	169.71	170.93	0.006624	2.78	10.45	4.12	0.56
Migliana	Migliana Valle	6	Max WS	TR30_03-Migliana	28.31	167.96	170.50	169.70	170.88	0.006576	2.76	10.27	4.11	0.56
Migliana	Migliana Valle	6	Max WS	TR200_01-Migliana	32.66	167.96	170.75	169.85	171.17	0.006833	2.89	11.31	4.13	0.56
Migliana	Migliana Valle	6	Max WS	TR200_02-Migliana	32.30	167.96	170.73	169.84	171.15	0.006802	2.88	11.23	4.13	0.56
Migliana	Migliana Valle	6	Max WS	TR200_03-Migliana	31.51	167.96	170.68	169.81	171.10	0.006755	2.85	11.05	4.12	0.56
Migliana	Migliana Valle	5.99	Max WS	TR30_01-Migliana	28.79	167.96	170.52	169.70	170.92	0.006612	2.77	10.38	4.12	0.56
Migliana	Migliana Valle	5.99	Max WS	TR30_02-Migliana	29.04	167.96	170.54	169.71	170.93	0.006630	2.78	10.44	4.12	0.56
Migliana	Migliana Valle	5.99	Max WS	TR30_03-Migliana	28.31	167.96	170.50	169.68	170.88	0.006582	2.76	10.27	4.11	0.56
Migliana	Migliana Valle	5.99	Max WS	TR200_01-Migliana	32.66	167.96	170.75	169.85	171.17	0.006838	2.89	11.30	4.13	0.56
Migliana	Migliana Valle	5.99	Max WS	TR200_02-Migliana	32.30	167.96	170.73	169.84	171.15	0.006808	2.88	11.23	4.13	0.56
Migliana	Migliana Valle	5.99	Max WS	TR200_03-Migliana	31.51	167.96	170.68	169.81	171.10	0.006761	2.85	11.04	4.12	0.56
Migliana	Migliana Valle	5.8	Max WS	TR30_01-Migliana	28.79	166.67	168.78	168.21	169.37	0.011278	3.39	8.48	4.06	0.75
Migliana	Migliana Valle	5.8	Max WS	TR30_02-Migliana	29.01	166.67	168.79	168.21	169.38	0.011300	3.40	8.52	4.06	0.75
Migliana	Migliana Valle	5.8	Max WS	TR30_03-Migliana	28.31	166.67	168.76	168.19	169.34	0.011182	3.37	8.40	4.06	0.75
Migliana	Migliana Valle	5.8	Max WS	TR200_01-Migliana	32.66	166.67	168.94	168.30	169.59	0.011908	3.57	9.14	4.07	0.76
Migliana	Migliana Valle	5.8	Max WS	TR200_02-Migliana	32.30	166.67	168.93	168.30	169.57	0.011843	3.56	9.09	4.07	0.76
Migliana	Migliana Valle	5.8	Max WS	TR200_03-Migliana	31.51	166.67	168.89	168.27	169.53	0.011730	3.52	8.95	4.07	0.76
Migliana	Migliana Valle	5.6	Max WS	TR30_01-Migliana	28.77	167.07	168.71	168.21	168.95	0.003904	2.16	13.31	8.66	0.56
Migliana	Migliana Valle	5.6	Max WS	TR30_02-Migliana	29.02	167.07	168.72	168.21	168.96	0.003905	2.17	13.39	8.66	0.56
Migliana	Migliana Valle	5.6	Max WS	TR30_03-Migliana	28.30	167.07	168.69	168.19	168.93	0.003902	2.15	13.17	8.66	0.56
Migliana	Migliana Valle	5.6	Max WS	TR200_01-Migliana	32.79	167.07	168.85	168.31	169.11	0.003909	2.26	14.53	8.67	0.56
Migliana	Migliana Valle	5.6	Max WS	TR200_02-Migliana	32.38	167.07	168.84	168.30	169.09	0.003903	2.25	14.42	8.67	0.56
Migliana	Migliana Valle	5.6	Max WS											

HEC-RAS Profile: Max WS (Continued)

River	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
Migliana	Migliana Valle	5.2	Max WS	TR200_01-Migliana	37.45	166.11	167.92		168.25	0.005088	2.56	14.66	8.88	0.64
Migliana	Migliana Valle	5.2	Max WS	TR200_02-Migliana	35.52	166.11	167.86		168.18	0.005132	2.52	14.10	8.88	0.64
Migliana	Migliana Valle	5.2	Max WS	TR200_03-Migliana	35.38	166.11	167.62		168.07	0.008230	2.95	12.01	8.88	0.81
Migliana	Migliana Valle	5.1	Max WS	TR30_01-Migliana	29.58	165.81	167.21		167.56	0.006806	2.60	11.38	8.96	0.74
Migliana	Migliana Valle	5.1	Max WS	TR30_02-Migliana	30.05	165.81	167.23		167.57	0.006786	2.61	11.50	8.96	0.74
Migliana	Migliana Valle	5.1	Max WS	TR30_03-Migliana	28.82	165.81	167.19		167.53	0.006805	2.58	11.18	8.96	0.74
Migliana	Migliana Valle	5.1	Max WS	TR200_01-Migliana	46.45	165.81	167.74		168.16	0.005886	2.88	16.15	8.99	0.69
Migliana	Migliana Valle	5.1	Max WS	TR200_02-Migliana	44.30	165.81	167.70		168.10	0.005750	2.81	15.77	8.99	0.68
Migliana	Migliana Valle	5.1	Max WS	TR200_03-Migliana	37.69	165.81	167.51		167.87	0.005882	2.69	14.03	8.98	0.69
Migliana	Migliana Valle	5	Max WS	TR30_01-Migliana	29.47	165.52	167.12	166.65	167.35	0.003661	2.12	13.90	9.45	0.56
Migliana	Migliana Valle	5	Max WS	TR30_02-Migliana	29.92	165.52	167.13	166.65	167.37	0.003663	2.13	14.04	9.45	0.56
Migliana	Migliana Valle	5	Max WS	TR30_03-Migliana	28.81	165.52	167.10	166.62	167.32	0.003658	2.10	13.70	9.45	0.56
Migliana	Migliana Valle	5	Max WS	TR200_01-Migliana	48.82	165.52	167.64	167.05	167.98	0.004079	2.59	18.86	9.49	0.59
Migliana	Migliana Valle	5	Max WS	TR200_02-Migliana	47.02	165.52	167.60	167.01	167.93	0.004010	2.54	18.48	9.49	0.58
Migliana	Migliana Valle	5	Max WS	TR200_03-Migliana	38.82	165.52	167.42	166.85	167.69	0.003673	2.32	16.71	9.47	0.56
Migliana	Migliana Valle	4.8	Max WS	TR30_01-Migliana	29.47	165.10	166.32	166.37	166.87	0.013757	3.29	8.95	9.40	1.08
Migliana	Migliana Valle	4.8	Max WS	TR30_02-Migliana	29.92	165.10	166.33	166.38	166.89	0.013769	3.31	9.04	9.40	1.08
Migliana	Migliana Valle	4.8	Max WS	TR30_03-Migliana	28.81	165.10	166.31	166.35	166.85	0.013681	3.26	8.84	9.40	1.07
Migliana	Migliana Valle	4.8	Max WS	TR200_01-Migliana	48.82	165.10	166.68	166.77	167.48	0.014172	3.96	12.33	9.43	1.10
Migliana	Migliana Valle	4.8	Max WS	TR200_02-Migliana	46.97	165.10	166.64	166.74	167.42	0.014252	3.91	12.00	9.42	1.11
Migliana	Migliana Valle	4.8	Max WS	TR200_03-Migliana	38.82	165.10	166.50	166.57	167.18	0.014028	3.65	10.64	9.41	1.10
Migliana	Migliana Valle	4.7	Max WS	TR30_01-Migliana	29.45	164.99	165.92	166.06	166.58	0.018996	3.61	8.16	9.53	1.25
Migliana	Migliana Valle	4.7	Max WS	TR30_02-Migliana	29.90	164.99	165.93	166.07	166.60	0.018910	3.62	8.25	9.54	1.24
Migliana	Migliana Valle	4.7	Max WS	TR30_03-Migliana	28.84	164.99	165.91	166.05	166.56	0.019033	3.59	8.04	9.52	1.25
Migliana	Migliana Valle	4.7	Max WS	TR200_01-Migliana	48.82	164.99	166.31	166.47	167.16	0.016455	4.10	11.92	9.87	1.19
Migliana	Migliana Valle	4.7	Max WS	TR200_02-Migliana	46.72	164.99	166.27	166.41	167.10	0.016501	4.04	11.56	9.84	1.19
Migliana	Migliana Valle	4.7	Max WS	TR200_03-Migliana	38.89	164.99	166.11	166.27	166.88	0.017754	3.89	10.00	9.70	1.22
Migliana	Migliana Valle	4.6	Max WS	TR30_01-Migliana	29.53	163.85	165.22		165.69	0.009797	3.05	9.68	8.50	0.91
Migliana	Migliana Valle	4.6	Max WS	TR30_02-Migliana	30.02	163.85	165.23		165.71	0.009805	3.07	9.79	8.51	0.91
Migliana	Migliana Valle	4.6	Max WS	TR30_03-Migliana	28.94	163.85	165.20		165.67	0.009767	3.03	9.56	8.49	0.91
Migliana	Migliana Valle	4.6	Max WS	TR200_01-Migliana	48.55	163.85	165.64	165.67	166.28	0.010033	3.56	14.28	14.66	0.94
Migliana	Migliana Valle	4.6	Max WS	TR200_02-Migliana	46.57	163.85	165.61	165.63	166.23	0.009937	3.50	13.83	14.65	0.94
Migliana	Migliana Valle	4.6	Max WS	TR200_03-Migliana	38.90	163.85	165.43	165.39	166.01	0.010742	3.36	11.58	9.30	0.96
Migliana	Migliana Valle	4.55	Max WS	TR30_01-Migliana	29.49	163.57	164.71	164.88	165.57	0.021861	4.11	7.18	6.33	1.23
Migliana	Migliana Valle	4.55	Max WS	TR30_02-Migliana	30.00	163.57	164.72	164.89	165.59	0.021908	4.13	7.26	6.33	1.23
Migliana	Migliana Valle	4.55	Max WS	TR30_03-Migliana	28.95	163.57	164.69	164.86	165.54	0.021790	4.08	7.10	6.33	1.23
Migliana	Migliana Valle	4.55	Max WS	TR200_01-Migliana	46.03	163.57	165.05	165.48	166.29	0.024578	4.93	9.34	6.34	1.30
Migliana	Migliana Valle	4.55	Max WS	TR200_02-Migliana	45.56	163.57	165.03	165.47	166.28	0.025125	4.95	9.20	6.34	1.31
Migliana	Migliana Valle	4.55	Max WS	TR200_03-Migliana	38.51	163.57	164.90	165.27	165.97	0.023652	4.60	8.37	6.34	1.28
Migliana	Migliana Valle	4.5	Max WS	TR30_01-Migliana	29.38	163.50	164.48		164.82	0.008760	2.58	11.40	12.16	0.85
Migliana	Migliana Valle	4.5	Max WS	TR30_02-Migliana	29.85	163.50	164.49		164.83	0.008742	2.59	11.52	12.16	0.85
Migliana	Migliana Valle	4.5	Max WS	TR30_03-Migliana	28.89	163.50	164.47		164.81	0.008776	2.56	11.27	12.16	0.85
Migliana	Migliana Valle	4.5	Max WS	TR200_01-Migliana	42.74	163.50	164.73		165.18	0.008780	2.95	14.47	12.16	0.86
Migliana	Migliana Valle	4.5	Max WS	TR200_02-Migliana	41.76	163.50	164.71		165.15	0.008952	2.95	14.17	12.16	0.87
Migliana	Migliana Valle	4.5	Max WS	TR200_03-Migliana	38.72	163.50	164.62		165.02	0.008990	2.81	13.08	12.16	0.86
Migliana	Migliana Valle	4.4	Max WS	TR30_01-Migliana	29.50	162.82	164.10		164.33	0.004544	2.10	14.32	14.31	0.82
Migliana	Migliana Valle	4.4	Max WS	TR30_02-Migliana	29.91	162.82	164.11		164.34	0.004547	2.11	14.56	17.68	0.82
Migliana	Migliana Valle	4.4	Max WS	TR30_03-Migliana	28.03	162.82	164.09		164.31	0.004520	2.08	14.18	14.24	0.82
Migliana	Migliana Valle	4.4	Max WS	TR200_01-Migliana	42.21	162.82	164.34		164.63	0.004839	2.43	18.66	17.85	0.66
Migliana	Migliana Valle	4.4	Max WS	TR200_02-Migliana	40.71	162.82	164.32		164.60	0.004807	2.39	18.20	17.85	0.65
Migliana	Migliana Valle	4.4	Max WS	TR200_03-Migliana	35.63	162.82	164.23		164.49	0.004628	2.26	16.66	17.85	0.64
Migliana	Migliana Valle	4.3	Max WS	TR30_01-Migliana	29.67	162.35	163.51	163.61	164.10	0.015044	3.63	9.66	11.12	1.08
Migliana	Migliana Valle	4.3	Max WS	TR30_02-Migliana	30.24	162.35	163.53	163.61	164.11	0.014621	3.62	9.89	11.13	1.07
Migliana	Migliana Valle	4.3	Max WS	TR30_03-Migliana	29.19	162.35	163.50	163.60	164.08	0.015249	3.63	9.50	11.11	1.09
Migliana	Migliana Valle	4.3	Max WS	TR200_01-Migliana	41.00	162.35	163.98	163.70	164.41	0.008382	3.27	17.14	20.02	0.82
Migliana	Migliana Valle	4.3	Max WS	TR200_02-Migliana	40.26	162.35	163.93	163.70	164.40	0.009178	3.37	16.27	20.02	0.86
Migliana	Migliana Valle	4.3	Max WS	TR200_03-Migliana	36.69	162.35	163.78	163.70	164.37	0.012189	3.67	12.88	16.76	0.98
Migliana	Migliana Valle	4.2	Max WS	TR30_01-Migliana	29.94	161.84	163.31		163.76	0.008571	2.97	10.07	7.66	0.83
Migliana	Migliana Valle	4.2	Max WS	TR30_02-Migliana	30.55	161.84	163.34		163.79	0.008417	2.97	10.28	7.69	0.82
Migliana	Migliana Valle	4.2	Max WS	TR30_03-Migliana	29.44	161.84	163.29		163.74	0.008605	2.96	9.94	7.64	0.83
Migliana	Migliana Valle	4.2	Max WS	TR200_01-Migliana	44.29	161.84	163.85	163.51	164.30	0.006229	3.00	16.45	18.98	0.72
Migliana	Migliana Valle	4.2	Max WS	TR200_02-Migliana	43.59	161.84	163.80	163.50	164.27	0.006821	3.09	15.38	18.98	0.75
Migliana	Migliana Valle	4.2	Max WS	TR200_03-Migliana	38.49	161.84	163.61		164.10	0.007812	3.11	12.39	7.96	0.80
Migliana	Migliana Valle	4.1	Max WS	TR30_01-Migliana	29.91	161.44	163.14	163.10	163.67	0.008632	3.27	9.91	9.11	0.88
Migliana	Migliana Valle	4.1	Max WS	TR30_02-Migliana	29.87	161.44	163.18	163.09	163.68	0.007888	3.18	10.23	9.12	0.84
Migliana	Migliana Valle	4.1	Max WS	TR30_03-Migliana	29.46	161.44	163.12	163.09	163.66	0.008823	3.28	9.73	9.11	0.89
Migliana	Migliana Valle	4.1	Max WS	TR200_01-Migliana	45.47	161.44	163.73	163.47	164.29	0.005864	3.40	15.82	17.39	0.77
Migliana	Migliana Valle	4.1	Max WS	TR200_02-Migliana	44.72	161.44	163.66		164.23	0.006304	3.45	14.67	9.21	0.79
Migliana	Migliana Valle	4.1	Max WS	TR200_03-Migliana	38.64	161.44	163.46		164.01	0.007024	3.37	12.77	9.17	0.82
Migliana	Migliana Valle	4	Max WS	TR30_01-Migliana	29.89	161.27	163.08		163.39	0.005762	2.47	12.11	9.38	0.69
Migliana	Migliana Valle	4	Max WS	TR30_02-Migliana	29.81	161.27	163.12		163.41	0.005237	2.39	12.47	9.38	0.66
Migliana	Migliana Valle	4	Max WS	TR30_03-Migliana	29.47	161.27	163.06		163.37	0.005885	2.47	11.91	9.38	0.70
Migliana	Migliana Valle	4	Max WS	TR200_01-Migliana	45.46	161.27	163.69		164.03	0.004167	2.55	17.90	12.05	0.59
Migliana	Migliana Valle	4	Max WS	TR200_02-Migliana	44.72	161.27	163.64		163.98	0.004409	2.58	17.34	9.42	0.61
Migliana	Migliana Valle	4	Max WS	TR200_03-Migliana	38.64	161.27	163.41		163.74	0.004932	2.55	15.13	9.40	0.64
Migliana	Migliana Valle	3.9	Max WS	TR30_01-Migliana	29.77	161.14	163.05	162.55	163.31	0.004293	2.26	13.19	8.41	0.58
Migliana	Migliana Valle	3.9	Max WS	TR30_02-Migliana	29.26	161.14	163.11	162.54	163.34	0.003756	2.15	13.64	8.42	0.54
Migliana	Migliana Valle	3.9	Max WS	TR30_03-Migliana	29.48	161.14	163.02	162.55	163.29	0.004440	2.28	12.96	8.40	0.59
Migliana	Migliana Valle	3.9	Max WS	TR200_01-Migliana	45.46	161.14	163.67	162.91	163.98	0.003763	2.46	18.45	8.58	0.54
Migliana	Migliana Valle	3.9	Max WS	TR200_02-Migliana	44.73	161.14	163.62	162.90	163.93	0.003922	2.49	17.98	8.56	0.55
Migliana	Migliana Valle	3.9	Max WS	TR200_03-Migliana	38.66	161.14	163.38	162.76	163.68</					

HEC-RAS Profile: Max WS (Continued)

River	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
Migliana	Migliana Valle	3.1	Max WS	TR30_03-Migliana	29.48	159.01	160.51		160.82	0.005580	2.45	12.02	9.06	0.68
Migliana	Migliana Valle	3.1	Max WS	TR200_01-Migliana	45.80	159.01	161.02		161.41	0.005075	2.74	16.69	9.13	0.65
Migliana	Migliana Valle	3.1	Max WS	TR200_02-Migliana	44.74	159.01	160.98		161.37	0.005174	2.74	16.32	9.13	0.65
Migliana	Migliana Valle	3.1	Max WS	TR200_03-Migliana	38.67	159.01	160.79		161.15	0.005398	2.65	14.57	9.10	0.67
Migliana	Migliana Valle	3	Max WS	TR30_01-Migliana	29.98	158.78	160.52		160.78	0.004251	2.27	13.23	9.06	0.60
Migliana	Migliana Valle	3	Max WS	TR30_02-Migliana	30.75	158.78	160.55		160.81	0.004261	2.29	13.45	9.07	0.60
Migliana	Migliana Valle	3	Max WS	TR30_03-Migliana	29.49	158.78	160.51		160.77	0.004246	2.25	13.09	9.06	0.60
Migliana	Migliana Valle	3	Max WS	TR200_01-Migliana	45.80	158.78	161.03		161.36	0.004135	2.57	17.81	9.13	0.59
Migliana	Migliana Valle	3	Max WS	TR200_02-Migliana	44.74	158.78	160.98		161.32	0.004205	2.57	17.42	9.13	0.59
Migliana	Migliana Valle	3	Max WS	TR200_03-Migliana	38.67	158.78	160.79		161.10	0.004297	2.47	15.66	9.10	0.60
Migliana	Migliana Valle	2.8	Max WS	TR30_01-Migliana	29.99	158.90	160.39	160.18	160.85	0.008906	3.01	9.97	6.81	0.79
Migliana	Migliana Valle	2.8	Max WS	TR30_02-Migliana	30.76	158.90	160.41	160.20	160.88	0.008926	3.03	10.14	6.81	0.79
Migliana	Migliana Valle	2.8	Max WS	TR30_03-Migliana	29.51	158.90	160.38	160.17	160.83	0.008884	2.99	9.87	6.81	0.79
Migliana	Migliana Valle	2.8	Max WS	TR200_01-Migliana	46.62	158.90	160.86	160.61	161.50	0.010161	3.56	13.11	6.32	0.81
Migliana	Migliana Valle	2.8	Max WS	TR200_02-Migliana	45.15	158.90	160.82	160.57	161.45	0.009968	3.51	12.88	6.39	0.81
Migliana	Migliana Valle	2.8	Max WS	TR200_03-Migliana	38.71	158.90	160.65	160.41	161.20	0.009273	3.29	11.75	6.73	0.80
Migliana	Migliana Valle	2.2	Max WS	TR30_01-Migliana	29.98	158.58	160.26	159.86	160.52	0.003862	2.24	13.37	9.51	0.60
Migliana	Migliana Valle	2.2	Max WS	TR30_02-Migliana	30.75	158.58	160.29	159.88	160.55	0.003867	2.26	13.59	9.51	0.60
Migliana	Migliana Valle	2.2	Max WS	TR30_03-Migliana	29.51	158.58	160.25	159.85	160.50	0.003862	2.23	13.24	9.51	0.60
Migliana	Migliana Valle	2.2	Max WS	TR200_01-Migliana	46.61	158.58	160.71	160.20	161.07	0.004960	2.66	17.54	9.00	0.58
Migliana	Migliana Valle	2.2	Max WS	TR200_02-Migliana	45.15	158.58	160.67	160.18	161.02	0.004865	2.62	17.24	9.12	0.58
Migliana	Migliana Valle	2.2	Max WS	TR200_03-Migliana	38.71	158.58	160.51	160.05	160.82	0.003882	2.46	15.71	9.51	0.61
Migliana	Migliana Valle	2.1	Max WS	TR30_01-Migliana	29.98	158.58	160.28	159.84	160.49	0.003626	2.03	14.75	11.48	0.57
Migliana	Migliana Valle	2.1	Max WS	TR30_02-Migliana	30.75	158.58	160.30	159.86	160.51	0.003620	2.05	15.02	11.52	0.57
Migliana	Migliana Valle	2.1	Max WS	TR30_03-Migliana	29.51	158.58	160.26	159.83	160.47	0.003631	2.02	14.59	11.46	0.57
Migliana	Migliana Valle	2.1	Max WS	TR200_01-Migliana	46.61	158.58	160.73	160.17	161.01	0.003533	2.31	20.19	12.46	0.58
Migliana	Migliana Valle	2.1	Max WS	TR200_02-Migliana	45.15	158.58	160.70	160.14	160.96	0.003528	2.29	19.75	12.36	0.58
Migliana	Migliana Valle	2.1	Max WS	TR200_03-Migliana	38.71	158.58	160.53	160.02	160.77	0.003545	2.19	17.69	11.90	0.57
Migliana	Migliana Valle	2	Max WS	TR30_01-Migliana	29.99	157.10	158.27	158.40	159.01	0.018083	3.81	7.87	7.73	1.21
Migliana	Migliana Valle	2	Max WS	TR30_02-Migliana	30.75	157.10	158.28	158.43	159.04	0.018207	3.85	7.99	7.74	1.21
Migliana	Migliana Valle	2	Max WS	TR30_03-Migliana	29.51	157.10	158.26	158.39	158.99	0.018009	3.78	7.80	7.73	1.20
Migliana	Migliana Valle	2	Max WS	TR200_01-Migliana	46.61	157.10	158.57	158.82	159.62	0.021949	4.54	10.26	8.66	1.33
Migliana	Migliana Valle	2	Max WS	TR200_02-Migliana	45.15	157.10	158.55	158.79	159.57	0.021852	4.49	10.06	8.66	1.33
Migliana	Migliana Valle	2	Max WS	TR200_03-Migliana	38.71	157.10	158.43	158.65	159.35	0.019364	4.25	9.12	7.79	1.25
Migliana	Migliana Valle	1	Max WS	TR30_01-Migliana	29.99	156.45	157.68	157.98	158.64	0.030071	4.32	6.94	9.18	1.59
Migliana	Migliana Valle	1	Max WS	TR30_02-Migliana	30.73	156.45	157.70	157.99	158.66	0.030080	4.36	7.05	9.22	1.59
Migliana	Migliana Valle	1	Max WS	TR30_03-Migliana	29.52	156.45	157.68	157.97	158.62	0.030084	4.30	6.86	9.15	1.59
Migliana	Migliana Valle	1	Max WS	TR200_01-Migliana	46.72	156.45	157.94	158.34	159.20	0.030080	4.97	9.39	9.97	1.64
Migliana	Migliana Valle	1	Max WS	TR200_02-Migliana	45.27	156.45	157.92	158.31	159.16	0.030070	4.92	9.19	9.91	1.63
Migliana	Migliana Valle	1	Max WS	TR200_03-Migliana	38.77	156.45	157.83	158.17	158.95	0.030067	4.69	8.27	9.62	1.62
F_Tignamica	F_Tignamica	11	Max WS	TR30_01-Affluenti	10.87	131.37	132.27	132.29	132.62	0.014732	2.64	4.12	6.68	1.07
F_Tignamica	F_Tignamica	11	Max WS	TR30_02-Affluenti	10.11	131.37	132.24	132.26	132.58	0.014967	2.58	3.91	6.65	1.08
F_Tignamica	F_Tignamica	11	Max WS	TR30_03-Affluenti	8.66	131.37	132.17	132.20	132.48	0.015461	2.47	3.50	6.58	1.08
F_Tignamica	F_Tignamica	11	Max WS	TR200_01-Affluenti	21.22	131.37	132.65	132.66	133.15	0.012705	3.15	6.74	7.08	1.03
F_Tignamica	F_Tignamica	11	Max WS	TR200_02-Affluenti	18.42	131.37	132.55	132.57	133.02	0.013329	3.05	6.03	6.98	1.05
F_Tignamica	F_Tignamica	11	Max WS	TR200_03-Affluenti	15.45	131.37	132.44	132.47	132.87	0.013736	2.91	5.32	6.87	1.05
F_Tignamica	F_Tignamica	10.1	Max WS	TR30_01-Affluenti	10.87	130.64	131.67	131.50	131.85	0.006214	1.89	5.76	7.50	0.69
F_Tignamica	F_Tignamica	10.1	Max WS	TR30_02-Affluenti	10.11	130.64	131.63	131.47	131.81	0.006277	1.84	5.48	7.49	0.69
F_Tignamica	F_Tignamica	10.1	Max WS	TR30_03-Affluenti	8.66	130.64	131.56	131.41	131.72	0.006413	1.76	4.93	7.47	0.69
F_Tignamica	F_Tignamica	10.1	Max WS	TR200_01-Affluenti	21.22	130.64	132.08	131.84	132.37	0.006194	2.37	9.16	8.82	0.70
F_Tignamica	F_Tignamica	10.1	Max WS	TR200_02-Affluenti	18.42	130.64	131.96	131.76	132.23	0.006749	2.33	7.92	7.59	0.73
F_Tignamica	F_Tignamica	10.1	Max WS	TR200_03-Affluenti	15.45	130.64	131.85	131.66	132.09	0.006522	2.17	7.13	7.56	0.71
F_Tignamica	F_Tignamica	10	Max WS	TR30_01-Affluenti	10.87	130.18	130.93		131.18	0.009512	2.20	4.94	7.44	0.86
F_Tignamica	F_Tignamica	10	Max WS	TR30_02-Affluenti	10.11	130.18	130.90		131.14	0.009684	2.16	4.69	7.41	0.86
F_Tignamica	F_Tignamica	10	Max WS	TR30_03-Affluenti	8.66	130.18	130.83		131.05	0.010076	2.07	4.19	7.35	0.87
F_Tignamica	F_Tignamica	10	Max WS	TR200_01-Affluenti	21.21	130.18	131.34		131.70	0.008165	2.63	8.07	7.75	0.82
F_Tignamica	F_Tignamica	10	Max WS	TR200_02-Affluenti	18.42	130.18	131.24		131.57	0.008400	2.53	7.28	7.69	0.83
F_Tignamica	F_Tignamica	10	Max WS	TR200_03-Affluenti	15.45	130.18	131.13		131.42	0.008713	2.41	6.40	7.60	0.84
F_Tignamica	F_Tignamica	9.1	Max WS	TR30_01-Affluenti	10.86	129.81	130.75	130.57	130.92	0.005988	1.85	5.89	7.76	0.68
F_Tignamica	F_Tignamica	9.1	Max WS	TR30_02-Affluenti	10.11	129.81	130.71	130.54	130.88	0.006266	1.80	5.61	7.75	0.68
F_Tignamica	F_Tignamica	9.1	Max WS	TR30_03-Affluenti	8.65	129.81	130.64	130.49	130.79	0.006115	1.71	5.05	7.73	0.68
F_Tignamica	F_Tignamica	9.1	Max WS	TR200_01-Affluenti	21.21	129.81	131.17	130.90	131.44	0.005817	2.30	9.21	7.90	0.68
F_Tignamica	F_Tignamica	9.1	Max WS	TR200_02-Affluenti	18.42	129.81	131.07	130.82	131.31	0.005818	2.20	8.38	7.87	0.68
F_Tignamica	F_Tignamica	9.1	Max WS	TR200_03-Affluenti	15.45	129.81	130.95	130.73	131.17	0.005837	2.07	7.46	7.83	0.68
F_Tignamica	F_Tignamica	9	Max WS	TR30_01-Affluenti	10.86	128.72	129.55	129.61	129.93	0.016830	2.72	4.00	6.78	1.13
F_Tignamica	F_Tignamica	9	Max WS	TR30_02-Affluenti	10.11	128.72	129.52	129.58	129.89	0.017190	2.68	3.77	6.64	1.14
F_Tignamica	F_Tignamica	9	Max WS	TR30_03-Affluenti	8.65	128.72	129.45	129.51	129.80	0.017943	2.60	3.33	6.37	1.15
F_Tignamica	F_Tignamica	9	Max WS	TR200_01-Affluenti	21.21	128.72	129.96	129.97	130.42	0.012753	3.03	7.01	7.95	1.03
F_Tignamica	F_Tignamica	9	Max WS	TR200_02-Affluenti	18.42	128.72	129.86	129.89	130.30	0.013806	2.96	6.23	7.88	1.06
F_Tignamica	F_Tignamica	9	Max WS	TR200_03-Affluenti	15.45	128.72	129.74	129.79	130.17	0.014935	2.88	5.36	7.54	1.09
F_Tignamica	F_Tignamica	8.1	Max WS	TR30_01-Affluenti	10.86	128.16	129.26	129.08	129.44	0.005937	1.89	5.75	7.25	0.68
F_Tignamica	F_Tignamica	8.1	Max WS	TR30_02-Affluenti	10.10	128.16	129.22	129.05	129.39	0.005969	1.85	5.48	7.24	0.68
F_Tignamica	F_Tignamica	8.1	Max WS	TR30_03-Affluenti	8.65	128.16	129.15	128.99	129.30	0.006049	1.75	4.93	7.23	0.68
F_Tignamica	F_Tignamica	8.1	Max WS	TR200_01-Affluenti	21.21	128.16	129.71	129.42	129.99	0.005783	2.35	9.02	7.35	0.68
F_Tignamica	F_Tignamica	8.1	Max WS	TR200_02-Affluenti	18.42	128.16	129.59	129.34	129.85	0.005796	2.25	8.20	7.33	0.68
F_Tignamica	F_Tignamica	8.1	Max WS	TR200_03-Affluenti	15.45	128.16	129.47	129.24	129.70	0.005825	2.12	7.29	7.30	0.68
F_Tignamica	F_Tignamica	8	Max WS	TR30_01-Affluenti	10.86	127.17	128.06		128.34	0.010399	2.32	4.69	6.81	0.89
F_Tignamica	F_Tignamica	8	Max WS	TR30_02-Affluenti	10.10	127.17	128.03		128.29	0.010647	2.28	4.44	6.77	0.90
F_Tignamica	F_Tignamica	8	Max WS	TR30_03-Affluenti	8.65	127.17	127.95		128.20	0.011200	2.19	3.94	6.69	0.91
F_Tignamica	F_Tignamica	8	Max WS	TR200_01-Affluenti	21.21	127.17	128.51		128.89	0.008513	2.72	7.78	6.91	0.82
F_Tignamica</														

HEC-RAS Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El	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
F Tignamica	F Tignamica	6	Max WS	TR30_02-Affluent	10.10	126.30	127.26	126.93	127.40	0.003974	1.62	6.25	6.49	0.53
F Tignamica	F Tignamica	6	Max WS	TR30_03-Affluent	8.65	126.30	127.18	126.86	127.29	0.003910	1.52	5.67	6.49	0.52
F Tignamica	F Tignamica	6	Max WS	TR200_01-Affluent	21.21	126.30	127.86	127.33	128.09	0.004163	2.09	10.15	6.49	0.53
F Tignamica	F Tignamica	6	Max WS	TR200_02-Affluent	18.42	126.30	127.72	127.23	127.93	0.004137	2.00	9.23	6.49	0.53
F Tignamica	F Tignamica	6	Max WS	TR200_03-Affluent	15.45	126.30	127.57	127.13	127.75	0.004099	1.88	8.21	6.49	0.53
F Tignamica	F Tignamica	5	Max WS	TR30_01-Affluent	10.85	126.30	126.88	126.97	127.34	0.023484	2.98	3.64	6.25	1.25
F Tignamica	F Tignamica	5	Max WS	TR30_02-Affluent	10.10	126.30	126.85	126.94	127.29	0.024237	2.93	3.44	6.25	1.26
F Tignamica	F Tignamica	5	Max WS	TR30_03-Affluent	8.65	126.30	126.79	126.88	127.20	0.026070	2.84	3.05	6.25	1.30
F Tignamica	F Tignamica	5	Max WS	TR200_01-Affluent	21.21	126.30	127.25	127.35	127.90	0.019920	3.57	5.94	6.26	1.17
F Tignamica	F Tignamica	5	Max WS	TR200_02-Affluent	18.42	126.30	127.16	127.26	127.76	0.020377	3.43	5.37	6.26	1.18
F Tignamica	F Tignamica	5	Max WS	TR200_03-Affluent	15.45	126.30	127.06	127.15	127.60	0.021115	3.26	4.73	6.25	1.20
F Tignamica	F Tignamica	4.1	Max WS	TR30_01-Affluent	10.85	125.82	126.77	126.64	126.92	0.006328	1.69	6.44	11.29	0.71
F Tignamica	F Tignamica	4.1	Max WS	TR30_02-Affluent	10.10	125.82	126.74	126.62	126.88	0.006405	1.65	6.11	11.16	0.71
F Tignamica	F Tignamica	4.1	Max WS	TR30_03-Affluent	8.65	125.82	126.68	126.57	126.81	0.006605	1.58	5.46	10.89	0.71
F Tignamica	F Tignamica	4.1	Max WS	TR200_01-Affluent	21.21	125.82	127.10	126.92	127.31	0.005659	2.04	10.41	12.62	0.71
F Tignamica	F Tignamica	4.1	Max WS	TR200_02-Affluent	18.42	125.82	127.02	126.85	127.22	0.005897	1.96	9.40	12.42	0.72
F Tignamica	F Tignamica	4.1	Max WS	TR200_03-Affluent	15.45	125.82	126.93	126.78	127.11	0.006037	1.86	8.29	12.02	0.72
F Tignamica	F Tignamica	4	Max WS	TR30_01-Affluent	10.85	123.07	124.07		124.19	0.003475	1.52	7.14	7.95	0.51
F Tignamica	F Tignamica	4	Max WS	TR30_02-Affluent	10.10	123.07	124.05		124.16	0.003288	1.46	6.94	7.95	0.50
F Tignamica	F Tignamica	4	Max WS	TR30_03-Affluent	8.65	123.07	124.00		124.09	0.002907	1.33	6.53	7.93	0.47
F Tignamica	F Tignamica	4	Max WS	TR200_01-Affluent	21.21	123.07	124.37		124.62	0.005573	2.24	9.49	8.06	0.66
F Tignamica	F Tignamica	4	Max WS	TR200_02-Affluent	18.42	123.07	124.30		124.52	0.004978	2.05	8.97	8.03	0.62
F Tignamica	F Tignamica	4	Max WS	TR200_03-Affluent	15.45	123.07	124.24		124.41	0.004141	1.82	8.49	8.01	0.56
F Tignamica	F Tignamica	3.1	Max WS	TR30_01-Affluent	10.85	122.40	123.10	123.12	123.44	0.015839	2.57	4.22	6.92	1.05
F Tignamica	F Tignamica	3.1	Max WS	TR30_02-Affluent	10.10	122.40	123.08	123.09	123.40	0.015669	2.50	4.04	6.91	1.04
F Tignamica	F Tignamica	3.1	Max WS	TR30_03-Affluent	8.65	122.40	123.03	123.03	123.31	0.015352	2.35	3.69	6.89	1.03
F Tignamica	F Tignamica	3.1	Max WS	TR200_01-Affluent	21.21	122.40	123.41	123.49	123.97	0.018109	3.30	6.42	7.65	1.15
F Tignamica	F Tignamica	3.1	Max WS	TR200_02-Affluent	18.42	122.40	123.34	123.41	123.84	0.018123	3.14	5.86	7.63	1.15
F Tignamica	F Tignamica	3.1	Max WS	TR200_03-Affluent	15.45	122.40	123.25	123.31	123.70	0.016727	2.97	5.20	6.98	1.10
F Tignamica	F Tignamica	3	Max WS	TR30_01-Affluent	10.85	122.40	123.10	123.13	123.44	0.015898	2.58	4.20	6.92	1.06
F Tignamica	F Tignamica	3	Max WS	TR30_02-Affluent	10.10	122.40	123.08	123.10	123.40	0.015824	2.51	4.03	6.91	1.05
F Tignamica	F Tignamica	3	Max WS	TR30_03-Affluent	8.65	122.40	123.03	123.04	123.31	0.015519	2.36	3.67	6.89	1.03
F Tignamica	F Tignamica	3	Max WS	TR200_01-Affluent	21.21	122.40	123.41	123.49	123.97	0.018251	3.31	6.40	7.65	1.16
F Tignamica	F Tignamica	3	Max WS	TR200_02-Affluent	18.42	122.40	123.33	123.41	123.84	0.018281	3.15	5.84	7.63	1.15
F Tignamica	F Tignamica	3	Max WS	TR200_03-Affluent	15.45	122.40	123.24	123.31	123.70	0.016856	2.98	5.19	6.98	1.10
F Tignamica	F Tignamica	2.1	Max WS	TR30_01-Affluent	10.85	122.12	122.82	122.88	123.19	0.018373	2.88	4.06	7.48	1.16
F Tignamica	F Tignamica	2.1	Max WS	TR30_02-Affluent	10.10	122.12	122.80	122.85	123.14	0.018224	2.80	3.89	7.46	1.15
F Tignamica	F Tignamica	2.1	Max WS	TR30_03-Affluent	8.65	122.12	122.75	122.80	123.06	0.017928	2.44	3.54	7.42	1.13
F Tignamica	F Tignamica	2.1	Max WS	TR200_01-Affluent	21.21	122.12	123.10	123.22	123.70	0.019330	3.45	6.15	7.74	1.23
F Tignamica	F Tignamica	2.1	Max WS	TR200_02-Affluent	18.42	122.12	123.02	123.14	123.58	0.020025	3.32	5.54	7.62	1.25
F Tignamica	F Tignamica	2.1	Max WS	TR200_03-Affluent	15.45	122.12	122.95	123.04	123.43	0.019375	3.09	5.00	7.57	1.21
F Tignamica	F Tignamica	2	Max WS	TR30_01-Affluent	10.85	122.12	122.77	123.04	123.64	0.059472	4.13	2.63	6.28	2.04
F Tignamica	F Tignamica	2	Max WS	TR30_02-Affluent	10.10	122.12	122.75	123.01	123.58	0.059999	4.05	2.49	6.18	2.04
F Tignamica	F Tignamica	2	Max WS	TR30_03-Affluent	8.65	122.12	122.70	122.94	123.47	0.061151	3.89	2.23	5.98	2.03
F Tignamica	F Tignamica	2	Max WS	TR200_01-Affluent	21.21	122.12	123.04	123.38	124.16	0.047910	4.67	4.54	7.54	1.92
F Tignamica	F Tignamica	2	Max WS	TR200_02-Affluent	18.42	122.12	122.96	123.29	124.09	0.055481	4.72	3.90	7.15	2.04
F Tignamica	F Tignamica	2	Max WS	TR200_03-Affluent	15.45	122.12	122.89	123.20	123.93	0.056888	4.52	3.42	6.83	2.04
F Tignamica	F Tignamica	1	Max WS	TR30_01-Affluent	10.85	121.63	122.28	122.42	122.79	0.029973	3.17	3.42	6.90	1.44
F Tignamica	F Tignamica	1	Max WS	TR30_02-Affluent	10.10	121.63	122.26	122.39	122.75	0.029961	3.09	3.27	6.89	1.43
F Tignamica	F Tignamica	1	Max WS	TR30_03-Affluent	8.65	121.63	122.21	122.33	122.65	0.029974	2.92	2.97	6.88	1.42
F Tignamica	F Tignamica	1	Max WS	TR200_01-Affluent	21.21	121.63	122.59	122.80	123.31	0.029982	3.74	5.67	8.65	1.47
F Tignamica	F Tignamica	1	Max WS	TR200_02-Affluent	18.42	121.63	122.48	122.72	123.23	0.029957	3.84	4.80	6.93	1.47
F Tignamica	F Tignamica	1	Max WS	TR200_03-Affluent	15.45	121.63	122.41	122.64	123.07	0.029955	3.61	4.28	6.91	1.46
F delle Capanne	F delle Capanne	9	Max WS	TR30_01-Affluent	5.13	212.43	213.04	213.40	214.31	0.100515	4.98	1.03	2.41	2.44
F delle Capanne	F delle Capanne	9	Max WS	TR30_02-Affluent	5.39	212.43	213.06	213.42	214.35	0.099585	5.04	1.07	2.43	2.43
F delle Capanne	F delle Capanne	9	Max WS	TR30_03-Affluent	4.90	212.43	213.03	213.37	214.26	0.101232	4.93	0.99	2.39	2.44
F delle Capanne	F delle Capanne	9	Max WS	TR200_01-Affluent	10.94	212.43	213.37	213.87	215.09	0.084103	5.81	1.88	2.75	2.24
F delle Capanne	F delle Capanne	9	Max WS	TR200_02-Affluent	10.23	212.43	213.33	213.82	215.02	0.085849	5.75	1.78	2.71	2.27
F delle Capanne	F delle Capanne	9	Max WS	TR200_03-Affluent	8.97	212.43	213.27	213.72	214.88	0.089113	5.62	1.60	2.64	2.31
F delle Capanne	F delle Capanne	8	Max WS	TR30_01-Affluent	5.12	211.10	211.78	212.02	212.53	0.049576	3.83	1.34	2.54	1.69
F delle Capanne	F delle Capanne	8	Max WS	TR30_02-Affluent	5.39	211.10	211.80	212.04	212.56	0.048657	3.86	1.40	2.58	1.68
F delle Capanne	F delle Capanne	8	Max WS	TR30_03-Affluent	4.90	211.10	211.76	211.99	212.50	0.050177	3.80	1.29	2.51	1.70
F delle Capanne	F delle Capanne	8	Max WS	TR200_01-Affluent	10.94	211.10	212.24	212.47	213.09	0.039982	4.09	2.67	3.15	1.42
F delle Capanne	F delle Capanne	8	Max WS	TR200_02-Affluent	10.23	211.10	212.19	212.42	213.04	0.035585	4.08	2.51	3.13	1.46
F delle Capanne	F delle Capanne	8	Max WS	TR200_03-Affluent	8.97	211.10	212.09	212.33	212.93	0.038702	4.06	2.21	3.03	1.52
F delle Capanne	F delle Capanne	7	Max WS	TR30_01-Affluent	5.12	210.40	211.32	211.40	211.79	0.026726	3.05	1.68	2.60	1.21
F delle Capanne	F delle Capanne	7	Max WS	TR30_02-Affluent	5.39	210.40	211.34	211.43	211.83	0.026143	3.07	1.76	2.60	1.19
F delle Capanne	F delle Capanne	7	Max WS	TR30_03-Affluent	4.90	210.40	211.29	211.39	211.76	0.027210	3.03	1.62	2.59	1.22
F delle Capanne	F delle Capanne	7	Max WS	TR200_01-Affluent	10.93	210.40	211.89	211.89	212.48	0.020304	3.40	3.21	2.73	1.00
F delle Capanne	F delle Capanne	7	Max WS	TR200_02-Affluent	10.23	210.40	211.83	211.84	212.40	0.020649	3.37	3.04	2.71	1.02
F delle Capanne	F delle Capanne	7	Max WS	TR200_03-Affluent	8.97	210.40	211.71	211.74	212.26	0.021537	3.31	2.71	2.69	1.05
F delle Capanne	F delle Capanne	6.6	Max WS	TR30_01-Affluent	5.12	209.64	210.85	210.64	211.07	0.009498	2.11	2.43	2.63	0.70
F delle Capanne	F delle Capanne	6.6	Max WS	TR30_02-Affluent	5.39	209.64	210.88	210.67	211.11	0.009512	2.14	2.52	2.64	0.70
F delle Capanne	F delle Capanne	6.6	Max WS	TR30_03-Affluent	4.90	209.64	210.82	210.62	211.04	0.009481	2.08	2.36	2.63	0.70
F delle Capanne	F delle Capanne	6.6	Max WS	TR200_01-Affluent	10.93	209.64	211.48	211.13	211.84	0.010413	2.64	4.14	2.76	0.69
F delle Capanne	F delle Capanne	6.6	Max WS	TR200_02-Affluent	10.23	209.64	211.41	211.08	211.75	0.010286	2.59	3.96	2.74	0.69
F delle Capanne	F delle Capanne	6.6	Max WS	TR200_03-Affluent	8.97	209.64	211.29	210.99	211.60	0.010067	2.49	3.61	2.72	0.69
F delle Capanne	F delle Capanne	6.4	Max WS	TR30_01-Affluent	5.12	207.50	208.35	208.51	208.96	0.038287	3.45	1.48	2.51	1.43
F delle Capanne	F delle Capanne	6.4	Max WS	TR30_02-Affluent	5.39	207.50	208.38	208.54	208.99	0.037639	3.48	1.55	2.52	1.42
F delle Capanne	F delle Capanne	6.4	Max WS	TR30_03-Affluent	4.90	207.50	208.33	208.48	208.93	0.038902	3.42	1.43	2.51	1.45
F delle Cap														

HEC-RAS Profile: Max WS (Continued)

River	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
F delle Capanne	F delle Capanne	4	Max WS	TR30_01-Affluenti	5.12	206.79	207.44	207.60	208.02	0.039676	3.35	1.53	2.84	1.46
F delle Capanne	F delle Capanne	4	Max WS	TR30_02-Affluenti	5.39	206.79	207.47	207.62	208.05	0.039044	3.39	1.59	2.84	1.45
F delle Capanne	F delle Capanne	4	Max WS	TR30_03-Affluenti	4.90	206.79	207.43	207.58	207.99	0.040166	3.32	1.47	2.84	1.47
F delle Capanne	F delle Capanne	4	Max WS	TR200_01-Affluenti	10.93	206.79	207.92	208.06	208.65	0.028872	3.78	2.89	2.86	1.20
F delle Capanne	F delle Capanne	4	Max WS	TR200_02-Affluenti	10.23	206.79	207.87	208.01	208.58	0.029823	3.75	2.72	2.86	1.23
F delle Capanne	F delle Capanne	4	Max WS	TR200_03-Affluenti	8.97	206.79	207.76	207.92	208.46	0.031778	3.70	2.43	2.85	1.28
F delle Capanne	F delle Capanne	3	Max WS	TR30_01-Affluenti	5.12	206.07	206.95	207.05	207.46	0.030355	3.15	1.62	2.48	1.24
F delle Capanne	F delle Capanne	3	Max WS	TR30_02-Affluenti	5.39	206.07	206.98	207.09	207.50	0.029848	3.18	1.69	2.48	1.23
F delle Capanne	F delle Capanne	3	Max WS	TR30_03-Affluenti	4.90	206.07	206.93	207.04	207.43	0.030764	3.12	1.57	2.48	1.25
F delle Capanne	F delle Capanne	3	Max WS	TR200_01-Affluenti	10.93	206.07	207.54	207.56	208.18	0.023138	3.52	3.10	2.52	1.01
F delle Capanne	F delle Capanne	3	Max WS	TR200_02-Affluenti	10.23	206.07	207.48	207.50	208.10	0.023598	3.49	2.93	2.52	1.03
F delle Capanne	F delle Capanne	3	Max WS	TR200_03-Affluenti	8.97	206.07	207.35	207.40	207.95	0.024630	3.43	2.62	2.51	1.07
F delle Capanne	F delle Capanne	2	Max WS	TR30_01-Affluenti	5.12	205.81	206.66	206.72	207.17	0.028487	3.14	1.63	2.00	1.11
F delle Capanne	F delle Capanne	2	Max WS	TR30_02-Affluenti	5.39	205.81	206.70	206.76	207.21	0.028504	3.18	1.69	2.00	1.11
F delle Capanne	F delle Capanne	2	Max WS	TR30_03-Affluenti	4.90	205.81	206.64	206.70	207.13	0.028482	3.10	1.58	2.00	1.11
F delle Capanne	F delle Capanne	2	Max WS	TR200_01-Affluenti	10.92	205.81	207.28	207.30	208.01	0.029118	3.80	2.88	2.05	1.02
F delle Capanne	F delle Capanne	2	Max WS	TR200_02-Affluenti	10.23	205.81	207.21	207.24	207.92	0.029010	3.74	2.73	2.05	1.03
F delle Capanne	F delle Capanne	2	Max WS	TR200_03-Affluenti	8.97	205.81	207.08	207.13	207.75	0.028851	3.62	2.48	2.04	1.05
F delle Capanne	F delle Capanne	1	Max WS	TR30_01-Affluenti	5.12	205.49	206.31	206.17	206.53	0.010022	2.09	2.45	3.07	0.75
F delle Capanne	F delle Capanne	1	Max WS	TR30_02-Affluenti	5.39	205.49	206.34	206.19	206.57	0.010018	2.12	2.54	3.08	0.75
F delle Capanne	F delle Capanne	1	Max WS	TR30_03-Affluenti	4.90	205.49	206.28	206.15	206.50	0.010020	2.06	2.38	3.07	0.75
F delle Capanne	F delle Capanne	1	Max WS	TR200_01-Affluenti	10.92	205.49	206.88	206.60	207.22	0.010017	2.58	4.23	3.12	0.71
F delle Capanne	F delle Capanne	1	Max WS	TR200_02-Affluenti	10.23	205.49	206.82	206.55	207.15	0.010017	2.54	4.03	3.11	0.71
F delle Capanne	F delle Capanne	1	Max WS	TR200_03-Affluenti	8.97	205.49	206.70	206.46	207.01	0.010018	2.45	3.66	3.10	0.72
F Cambiatocio	F Cambiatocio	9	Max WS	TR30_01-Affluenti	19.92	178.93	179.79	179.93	180.41	0.021239	3.47	5.73	7.79	1.29
F Cambiatocio	F Cambiatocio	9	Max WS	TR30_02-Affluenti	20.25	178.93	179.80	179.94	180.42	0.021160	3.49	5.80	7.80	1.29
F Cambiatocio	F Cambiatocio	9	Max WS	TR30_03-Affluenti	17.71	178.93	179.73	179.87	180.31	0.021865	3.37	5.26	7.73	1.30
F Cambiatocio	F Cambiatocio	9	Max WS	TR200_01-Affluenti	40.47	178.93	180.24	180.47	181.20	0.020166	4.34	9.32	8.23	1.30
F Cambiatocio	F Cambiatocio	9	Max WS	TR200_02-Affluenti	37.51	178.93	180.17	180.39	181.11	0.021007	4.30	8.73	8.16	1.33
F Cambiatocio	F Cambiatocio	9	Max WS	TR200_03-Affluenti	31.84	178.93	180.04	180.26	180.91	0.022017	4.13	7.71	8.04	1.35
F Cambiatocio	F Cambiatocio	8.1	Max WS	TR30_01-Affluenti	19.91	178.17	179.28	179.08	179.50	0.005664	2.07	9.60	11.04	0.71
F Cambiatocio	F Cambiatocio	8.1	Max WS	TR30_02-Affluenti	20.25	178.17	179.29	179.09	179.51	0.005665	2.09	9.69	11.07	0.71
F Cambiatocio	F Cambiatocio	8.1	Max WS	TR30_03-Affluenti	17.71	178.17	179.22	179.02	179.42	0.005576	1.99	8.91	10.84	0.70
F Cambiatocio	F Cambiatocio	8.1	Max WS	TR200_01-Affluenti	39.00	178.17	179.66	179.53	180.04	0.006488	2.75	15.12	19.48	0.80
F Cambiatocio	F Cambiatocio	8.1	Max WS	TR200_02-Affluenti	35.45	178.17	179.58	179.45	179.95	0.006860	2.70	13.65	16.64	0.81
F Cambiatocio	F Cambiatocio	8.1	Max WS	TR200_03-Affluenti	31.05	178.17	179.46	179.34	179.82	0.007696	2.68	11.74	13.92	0.85
F Cambiatocio	F Cambiatocio	8	Max WS	TR30_01-Affluenti	19.91	176.38	177.40	177.68	178.38	0.033771	4.38	4.55	5.67	1.56
F Cambiatocio	F Cambiatocio	8	Max WS	TR30_02-Affluenti	20.25	176.38	177.41	177.70	178.40	0.033825	4.41	4.60	5.68	1.56
F Cambiatocio	F Cambiatocio	8	Max WS	TR30_03-Affluenti	17.71	176.38	177.35	177.60	178.24	0.033162	4.18	4.23	5.65	1.54
F Cambiatocio	F Cambiatocio	8	Max WS	TR200_01-Affluenti	48.33	176.38	178.02	178.66	179.82	0.035833	5.94	8.14	5.90	1.61
F Cambiatocio	F Cambiatocio	8	Max WS	TR200_02-Affluenti	41.99	176.38	177.92	178.51	179.51	0.034060	5.59	7.51	5.86	1.58
F Cambiatocio	F Cambiatocio	8	Max WS	TR200_03-Affluenti	31.85	176.38	177.70	178.08	179.03	0.033706	5.11	6.24	5.78	1.57
F Cambiatocio	F Cambiatocio	7	Max WS	TR30_01-Affluenti	19.91	175.89	176.72	176.94	177.43	0.032521	3.71	5.37	9.77	1.60
F Cambiatocio	F Cambiatocio	7	Max WS	TR30_02-Affluenti	20.25	175.89	176.73	176.95	177.44	0.032045	3.71	5.45	9.81	1.59
F Cambiatocio	F Cambiatocio	7	Max WS	TR30_03-Affluenti	17.71	175.89	176.67	176.88	177.35	0.035505	3.67	4.83	9.57	1.65
F Cambiatocio	F Cambiatocio	7	Max WS	TR200_01-Affluenti	43.24	175.89	177.26	177.46	178.03	0.017455	3.87	11.16	11.72	1.27
F Cambiatocio	F Cambiatocio	7	Max WS	TR200_02-Affluenti	40.46	175.89	177.20	177.40	177.97	0.018936	3.90	10.37	11.47	1.31
F Cambiatocio	F Cambiatocio	7	Max WS	TR200_03-Affluenti	31.84	175.89	177.02	177.22	177.75	0.021605	3.78	8.42	10.84	1.37
F Cambiatocio	F Cambiatocio	6.1	Max WS	TR30_01-Affluenti	19.91	174.71	176.14	175.81	176.37	0.004807	2.15	9.26	8.24	0.65
F Cambiatocio	F Cambiatocio	6.1	Max WS	TR30_02-Affluenti	20.25	174.71	176.15	175.83	176.39	0.004797	2.16	9.38	8.27	0.65
F Cambiatocio	F Cambiatocio	6.1	Max WS	TR30_03-Affluenti	17.71	174.71	176.04	175.74	176.26	0.004858	2.08	8.50	8.05	0.65
F Cambiatocio	F Cambiatocio	6.1	Max WS	TR200_01-Affluenti	41.46	174.71	176.88	176.41	177.22	0.004500	2.60	15.96	9.78	0.65
F Cambiatocio	F Cambiatocio	6.1	Max WS	TR200_02-Affluenti	38.63	174.71	176.79	176.34	177.12	0.004556	2.56	15.10	9.60	0.65
F Cambiatocio	F Cambiatocio	6.1	Max WS	TR200_03-Affluenti	31.84	174.71	176.58	176.17	176.88	0.004606	2.43	13.10	9.16	0.65
F Cambiatocio	F Cambiatocio	6	Max WS	TR30_01-Affluenti	19.90	172.74	174.44	174.44	174.86	0.008905	2.87	6.93	5.55	0.82
F Cambiatocio	F Cambiatocio	6	Max WS	TR30_02-Affluenti	20.25	172.74	174.46	174.44	174.88	0.008874	2.88	7.02	5.56	0.82
F Cambiatocio	F Cambiatocio	6	Max WS	TR30_03-Affluenti	17.71	172.74	174.33	174.33	174.73	0.009115	2.80	6.33	5.48	0.83
F Cambiatocio	F Cambiatocio	6	Max WS	TR200_01-Affluenti	41.46	172.74	175.28	175.90	176.90	0.008921	3.47	11.94	6.71	0.83
F Cambiatocio	F Cambiatocio	6	Max WS	TR200_02-Affluenti	37.85	172.74	175.19	175.78	176.87	0.008750	3.39	11.36	6.53	0.82
F Cambiatocio	F Cambiatocio	6	Max WS	TR200_03-Affluenti	31.84	172.74	174.97	174.97	175.49	0.008434	3.20	9.94	6.06	0.80
F Cambiatocio	F Cambiatocio	5	Max WS	TR30_01-Affluenti	19.90	172.46	174.23	174.23	174.62	0.008597	2.77	7.18	6.65	0.85
F Cambiatocio	F Cambiatocio	5	Max WS	TR30_02-Affluenti	20.25	172.46	174.24	174.24	174.64	0.008524	2.77	7.30	6.70	0.85
F Cambiatocio	F Cambiatocio	5	Max WS	TR30_03-Affluenti	17.70	172.46	174.11	174.11	174.50	0.009079	2.74	6.45	6.34	0.87
F Cambiatocio	F Cambiatocio	5	Max WS	TR200_01-Affluenti	40.94	172.46	175.05	175.05	175.51	0.006549	3.01	13.62	8.94	0.78
F Cambiatocio	F Cambiatocio	5	Max WS	TR200_02-Affluenti	38.19	172.46	174.97	174.97	175.42	0.006597	2.96	12.89	8.72	0.78
F Cambiatocio	F Cambiatocio	5	Max WS	TR200_03-Affluenti	31.84	172.46	174.76	174.76	175.17	0.006852	2.87	11.10	8.12	0.78
F Cambiatocio	F Cambiatocio	4.1	Max WS	TR30_01-Affluenti	19.90	172.24	174.10	173.69	174.40	0.005459	2.42	8.22	5.82	0.65
F Cambiatocio	F Cambiatocio	4.1	Max WS	TR30_02-Affluenti	20.25	172.24	174.12	173.70	174.42	0.005452	2.43	8.33	5.84	0.65
F Cambiatocio	F Cambiatocio	4.1	Max WS	TR30_03-Affluenti	17.70	172.24	173.98	173.60	174.26	0.005481	2.35	7.54	5.66	0.65
F Cambiatocio	F Cambiatocio	4.1	Max WS	TR200_01-Affluenti	40.78	172.24	174.96	174.42	175.41	0.005699	2.97	13.74	6.95	0.67
F Cambiatocio	F Cambiatocio	4.1	Max WS	TR200_02-Affluenti	37.94	172.24	174.88	174.34	175.30	0.005521	2.88	13.17	6.84	0.66
F Cambiatocio	F Cambiatocio	4.1	Max WS	TR200_03-Affluenti	31.84	172.24	174.66	174.13	175.04	0.005363	2.72	11.69	6.55	0.65
F Cambiatocio	F Cambiatocio	4	Max WS	TR30_01-Affluenti	19.89	171.95	173.19	173.29	173.88	0.017990	3.69	5.38	5.05	1.14
F Cambiatocio	F Cambiatocio	4	Max WS	TR30_02-Affluenti	20.24	171.95	173.21	173.31	173.90	0.017337	3.67	5.52	5.08	1.12
F Cambiatocio	F Cambiatocio	4	Max WS	TR30_03-Affluenti	17.70	171.95	173.03	173.19	173.78	0.022262	3.85	4.60	4.87	1.26
F Cambiatocio	F Cambiatocio	4	Max WS	TR200_01-Affluenti	40.84	171.95	174.37	174.37	174.95	0.008039	3.36	12.14	6.37	0.78
F Cambiatocio	F Cambiatocio	4	Max WS	TR200_02-Affluenti	37.94	171.95	174.29	174.29	174.83	0.007787	3.26	11.63	6.28	0.77
F Cambiatocio	F Cambiatocio	4	Max WS	TR200_03-Affluenti	31.84	171.95	174.11	174.11	174.58	0.007195	3.03	10.52	6.08	0.73
F Cambiatocio	F Cambiatocio	3	Max WS	TR30_01-Affluenti	19.88	170.67	172.77	172.77	172.95	0.002814	1.83	10.87	8.10	0.50
F Cambiatocio	F Cambiatocio													

HEC-RAS Profile: Max WS (Continued)

River	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
F_Cambiatocio	F_Cambiatocio	0	Max WS	TR30_01-Affluenti	19.88	168.22	168.63	168.68	168.93	0.020054	2.39	8.31	20.08	1.19
F_Cambiatocio	F_Cambiatocio	0	Max WS	TR30_02-Affluenti	20.24	168.22	168.64	168.69	168.93	0.020056	2.41	8.40	20.08	1.19
F_Cambiatocio	F_Cambiatocio	0	Max WS	TR30_03-Affluenti	17.70	168.22	168.61	168.65	168.87	0.020062	2.29	7.74	20.08	1.18
F_Cambiatocio	F_Cambiatocio	0	Max WS	TR200_01-Affluenti	29.13	168.22	168.74	168.82	169.14	0.020045	2.78	10.49	20.08	1.23
F_Cambiatocio	F_Cambiatocio	0	Max WS	TR200_02-Affluenti	28.77	168.22	168.74	168.81	169.13	0.020044	2.76	10.41	20.08	1.23
F_Cambiatocio	F_Cambiatocio	0	Max WS	TR200_03-Affluenti	27.84	168.22	168.73	168.80	169.11	0.020054	2.73	10.20	20.08	1.22
Fosso_Fomaci	Fosso_Fomaci	20	Max WS	TR30_01-Affluenti	2.96	153.04	153.65		153.78	0.009861	1.58	1.87	4.73	0.80
Fosso_Fomaci	Fosso_Fomaci	20	Max WS	TR30_02-Affluenti	2.32	153.04	153.57		153.69	0.010937	1.54	1.51	4.35	0.83
Fosso_Fomaci	Fosso_Fomaci	20	Max WS	TR30_03-Affluenti	1.88	153.04	153.51		153.62	0.011808	1.49	1.26	4.03	0.85
Fosso_Fomaci	Fosso_Fomaci	20	Max WS	TR200_01-Affluenti	5.09	153.04	153.86		154.02	0.007722	1.77	2.88	4.94	0.74
Fosso_Fomaci	Fosso_Fomaci	20	Max WS	TR200_02-Affluenti	3.77	153.04	153.73		153.87	0.008745	1.66	2.27	4.82	0.77
Fosso_Fomaci	Fosso_Fomaci	20	Max WS	TR200_03-Affluenti	3.02	153.04	153.65		153.78	0.009737	1.59	1.90	4.74	0.80
Fosso_Fomaci	Fosso_Fomaci	19	Max WS	TR30_01-Affluenti	2.96	152.94	153.64	153.48	153.72	0.005178	1.29	2.30	4.82	0.59
Fosso_Fomaci	Fosso_Fomaci	19	Max WS	TR30_02-Affluenti	2.32	152.94	153.56	153.42	153.63	0.005568	1.21	1.92	4.74	0.61
Fosso_Fomaci	Fosso_Fomaci	19	Max WS	TR30_03-Affluenti	1.88	152.94	153.50	153.37	153.57	0.005729	1.15	1.64	4.50	0.61
Fosso_Fomaci	Fosso_Fomaci	19	Max WS	TR200_01-Affluenti	5.09	152.94	153.86	153.64	153.98	0.004677	1.49	3.41	5.05	0.58
Fosso_Fomaci	Fosso_Fomaci	19	Max WS	TR200_02-Affluenti	3.77	152.94	153.73	153.55	153.83	0.004907	1.37	2.75	4.91	0.59
Fosso_Fomaci	Fosso_Fomaci	19	Max WS	TR200_03-Affluenti	3.02	152.94	153.65	153.49	153.73	0.005152	1.29	2.34	4.83	0.59
Fosso_Fomaci	Fosso_Fomaci	18	Max WS	TR30_01-Affluenti	2.96	151.55	152.45		152.49	0.001721	0.89	3.31	5.03	0.35
Fosso_Fomaci	Fosso_Fomaci	18	Max WS	TR30_02-Affluenti	2.32	151.55	152.35		152.39	0.001732	0.83	2.81	4.93	0.35
Fosso_Fomaci	Fosso_Fomaci	18	Max WS	TR30_03-Affluenti	1.88	151.55	152.28		152.31	0.001735	0.77	2.45	4.85	0.35
Fosso_Fomaci	Fosso_Fomaci	18	Max WS	TR200_01-Affluenti	5.09	151.55	153.17		153.20	0.000538	0.71	7.17	5.75	0.20
Fosso_Fomaci	Fosso_Fomaci	18	Max WS	TR200_02-Affluenti	3.77	151.55	152.58		152.62	0.001681	0.96	3.93	5.15	0.35
Fosso_Fomaci	Fosso_Fomaci	18	Max WS	TR200_03-Affluenti	3.02	151.55	152.46		152.50	0.001718	0.90	3.36	5.04	0.35
Fosso_Fomaci	Fosso_Fomaci	17	Max WS	TR30_01-Affluenti	2.96	151.60	152.37	152.39	152.69	0.021048	2.50	1.19	2.09	1.06
Fosso_Fomaci	Fosso_Fomaci	17	Max WS	TR30_02-Affluenti	2.32	151.60	152.27	152.29	152.56	0.022213	2.38	0.97	1.96	1.08
Fosso_Fomaci	Fosso_Fomaci	17	Max WS	TR30_03-Affluenti	1.88	151.60	152.19	152.22	152.45	0.023152	2.28	0.82	1.87	1.10
Fosso_Fomaci	Fosso_Fomaci	17	Max WS	TR200_01-Affluenti	5.09	151.60	153.08		153.23	0.004118	1.75	3.12	3.65	0.51
Fosso_Fomaci	Fosso_Fomaci	17	Max WS	TR200_02-Affluenti	3.77	151.60	152.50	152.50	152.84	0.019375	2.58	1.46	2.24	1.02
Fosso_Fomaci	Fosso_Fomaci	17	Max WS	TR200_03-Affluenti	3.02	151.60	152.38	152.40	152.70	0.020910	2.50	1.21	2.10	1.06
Fosso_Fomaci	Fosso_Fomaci	16	Max WS	TR30_01-Affluenti	2.96	151.29	152.22		152.40	0.009845	1.90	1.56	2.33	0.74
Fosso_Fomaci	Fosso_Fomaci	16	Max WS	TR30_02-Affluenti	2.32	151.29	152.11		152.27	0.009717	1.77	1.31	2.21	0.73
Fosso_Fomaci	Fosso_Fomaci	16	Max WS	TR30_03-Affluenti	1.88	151.29	152.02		152.16	0.009473	1.66	1.14	2.11	0.72
Fosso_Fomaci	Fosso_Fomaci	16	Max WS	TR200_01-Affluenti	5.09	151.29	153.09		153.18	0.001991	1.29	4.14	3.69	0.35
Fosso_Fomaci	Fosso_Fomaci	16	Max WS	TR200_02-Affluenti	3.77	151.29	152.35		152.56	0.009536	1.99	1.89	2.49	0.73
Fosso_Fomaci	Fosso_Fomaci	16	Max WS	TR200_03-Affluenti	3.02	151.29	152.23		152.41	0.009830	1.90	1.59	2.34	0.74
Fosso_Fomaci	Fosso_Fomaci	15	Max WS	TR30_01-Affluenti	2.96	151.23	152.17	152.04	152.38	0.011734	2.01	1.47	2.12	0.77
Fosso_Fomaci	Fosso_Fomaci	15	Max WS	TR30_02-Affluenti	2.32	151.23	152.06	151.94	152.24	0.011358	1.86	1.24	2.02	0.76
Fosso_Fomaci	Fosso_Fomaci	15	Max WS	TR30_03-Affluenti	1.88	151.23	151.98	151.87	152.13	0.010881	1.73	1.08	1.96	0.74
Fosso_Fomaci	Fosso_Fomaci	15	Max WS	TR200_01-Affluenti	4.44	151.23	153.12	152.24	153.19	0.001594	1.13	4.15	3.51	0.30
Fosso_Fomaci	Fosso_Fomaci	15	Max WS	TR200_02-Affluenti	3.77	151.23	152.31	152.16	152.54	0.011608	2.13	1.77	2.24	0.77
Fosso_Fomaci	Fosso_Fomaci	15	Max WS	TR200_03-Affluenti	3.02	151.23	152.18	152.05	152.39	0.011748	2.02	1.49	2.13	0.77
Fosso_Fomaci	Fosso_Fomaci	14	Max WS	TR30_01-Affluenti	2.96	147.81	149.06		149.22	0.008906	1.80	1.66	1.62	0.52
Fosso_Fomaci	Fosso_Fomaci	14	Max WS	TR30_02-Affluenti	2.32	147.81	148.89		149.02	0.009063	1.64	1.41	1.35	0.51
Fosso_Fomaci	Fosso_Fomaci	14	Max WS	TR30_03-Affluenti	1.88	147.81	148.75		148.87	0.008508	1.53	1.23	1.34	0.51
Fosso_Fomaci	Fosso_Fomaci	14	Max WS	TR200_01-Affluenti	4.44	147.81	149.37		149.59	0.008808	2.09	2.26	2.20	0.54
Fosso_Fomaci	Fosso_Fomaci	14	Max WS	TR200_02-Affluenti	3.77	147.81	149.24		149.44	0.008792	1.97	1.99	1.94	0.53
Fosso_Fomaci	Fosso_Fomaci	14	Max WS	TR200_03-Affluenti	3.02	147.81	149.07		149.24	0.008891	1.81	1.69	1.65	0.52
Fosso_Fomaci	Fosso_Fomaci	13	Max WS	TR30_01-Affluenti	2.96	147.75	148.95	148.58	149.13	0.010852	1.89	1.57	1.48	0.57
Fosso_Fomaci	Fosso_Fomaci	13	Max WS	TR30_02-Affluenti	2.32	147.75	148.78	148.46	148.93	0.010196	1.74	1.34	1.36	0.56
Fosso_Fomaci	Fosso_Fomaci	13	Max WS	TR30_03-Affluenti	1.88	147.75	148.65	148.37	148.79	0.009637	1.62	1.16	1.35	0.56
Fosso_Fomaci	Fosso_Fomaci	13	Max WS	TR200_01-Affluenti	4.44	147.75	149.26	148.83	149.50	0.011646	2.18	2.11	1.95	0.58
Fosso_Fomaci	Fosso_Fomaci	13	Max WS	TR200_02-Affluenti	3.77	147.75	149.13	148.72	149.35	0.011231	2.06	1.87	1.75	0.57
Fosso_Fomaci	Fosso_Fomaci	13	Max WS	TR200_03-Affluenti	3.02	147.75	148.96	148.59	149.15	0.010873	1.90	1.59	1.50	0.57
Fosso_Fomaci	Fosso_Fomaci	12.8	Max WS	TR30_01-Affluenti	2.96	147.41	148.48		148.72	0.016020	2.18	1.36	1.35	0.69
Fosso_Fomaci	Fosso_Fomaci	12.8	Max WS	TR30_02-Affluenti	2.32	147.41	148.31		148.52	0.015604	2.04	1.13	1.33	0.71
Fosso_Fomaci	Fosso_Fomaci	12.8	Max WS	TR30_03-Affluenti	1.88	147.41	148.19		148.38	0.015391	1.94	0.97	1.32	0.72
Fosso_Fomaci	Fosso_Fomaci	12.8	Max WS	TR200_01-Affluenti	4.44	147.41	148.77		149.10	0.018860	2.52	1.76	1.37	0.71
Fosso_Fomaci	Fosso_Fomaci	12.8	Max WS	TR200_02-Affluenti	3.77	147.41	148.66		148.94	0.017074	2.34	1.61	1.36	0.69
Fosso_Fomaci	Fosso_Fomaci	12.8	Max WS	TR200_03-Affluenti	3.02	147.41	148.49		148.74	0.016059	2.19	1.38	1.35	0.69
Fosso_Fomaci	Fosso_Fomaci	12	Max WS	TR30_01-Affluenti	2.96	147.20	148.41	148.04	148.58	0.009874	1.84	1.61	1.47	0.56
Fosso_Fomaci	Fosso_Fomaci	12	Max WS	TR30_02-Affluenti	2.32	147.20	148.24	147.93	148.39	0.009222	1.70	1.37	1.45	0.56
Fosso_Fomaci	Fosso_Fomaci	12	Max WS	TR30_03-Affluenti	1.88	147.20	148.11	147.84	148.24	0.008738	1.59	1.18	1.44	0.56
Fosso_Fomaci	Fosso_Fomaci	12	Max WS	TR200_01-Affluenti	4.44	147.20	148.68	148.28	148.93	0.012269	2.20	2.03	1.90	0.60
Fosso_Fomaci	Fosso_Fomaci	12	Max WS	TR200_02-Affluenti	3.77	147.20	148.58	148.18	148.79	0.011021	2.01	1.87	1.49	0.57
Fosso_Fomaci	Fosso_Fomaci	12	Max WS	TR200_03-Affluenti	3.02	147.20	148.42	148.05	148.60	0.009933	1.85	1.63	1.47	0.56
Fosso_Fomaci	Fosso_Fomaci	11.8	Max WS	TR30_01-Affluenti	2.96	146.70	147.75		147.97	0.013851	2.08	1.42	1.43	0.67
Fosso_Fomaci	Fosso_Fomaci	11.8	Max WS	TR30_02-Affluenti	2.32	146.70	147.58		147.78	0.013744	1.96	1.18	1.42	0.69
Fosso_Fomaci	Fosso_Fomaci	11.8	Max WS	TR30_03-Affluenti	1.88	146.70	147.46		147.63	0.013856	1.87	1.00	1.41	0.71
Fosso_Fomaci	Fosso_Fomaci	11.8	Max WS	TR200_01-Affluenti	4.44	146.70	148.04		148.34	0.016544	2.42	1.83	1.45	0.69
Fosso_Fomaci	Fosso_Fomaci	11.8	Max WS	TR200_02-Affluenti	3.77	146.70	147.93		148.19	0.014752	2.24	1.68	1.44	0.66
Fosso_Fomaci	Fosso_Fomaci	11.8	Max WS	TR200_03-Affluenti	3.02	146.70	147.77		147.99	0.013899	2.09	1.44	1.43	0.66
Fosso_Fomaci	Fosso_Fomaci	11	Max WS	TR30_01-Affluenti	2.96	146.49	147.72	147.35	147.89	0.010295	1.86	1.59	1.42	0.56
Fosso_Fomaci	Fosso_Fomaci	11	Max WS	TR30_02-Affluenti	2.32	146.49	147.55	147.23	147.70	0.009542	1.72	1.35	1.40	0.56
Fosso_Fomaci	Fosso_Fomaci	11	Max WS	TR30_03-Affluenti	1.88	146.49	147.42	147.14	147.55	0.009011	1.60	1.17	1.39	0.56
Fosso_Fomaci	Fosso_Fomaci	11	Max WS	TR200_01-Affluenti	4.31	146.49	148.01	147.57	148.24	0.011579	2.13	2.07	1.87	0.57
Fosso_Fomaci	Fosso_Fomaci	11	Max WS	TR200_02-Affluenti	3.77	146.49	147.89	147.49	148.11	0.011511	2.05	1.85	1.83	0.58
Fosso_Fomaci	Fosso_Fomaci	11	Max WS	TR200_03-Affluenti	3.02	146.49	147.73	147.36	147.91	0.010387	1.87	1.61	1.42	0.56
Fosso_Fomaci	Fosso_Fomaci	10.8	Max WS	TR30_01-Affluenti	2.96	145.93	147.05		147.27	0.013253	2.05	1.44	1.39	0.64
Fosso_Fomaci	Fosso_Fomaci	10.8	Max WS	TR30_02-Affluenti	2.32	145.93	146.88		147.07	0.012723	1.91	1.21	1.38	

HEC-RAS Profile: Max WS (Continued)

River	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
Fosso_Fomaci	Fosso_Fomaci	9.8	Max WS	TR200_03-Affluent	3.02	145.23	146.33		146.56	0.014091	2.11	1.43	1.41	0.67
Fosso_Fomaci	Fosso_Fomaci	9	Max WS	TR30_01-Affluent	2.96	145.13	146.29	145.93	146.46	0.009884	1.83	1.62	1.48	0.56
Fosso_Fomaci	Fosso_Fomaci	9	Max WS	TR30_02-Affluent	2.32	145.13	146.12	145.81	146.27	0.009219	1.69	1.37	1.47	0.56
Fosso_Fomaci	Fosso_Fomaci	9	Max WS	TR30_03-Affluent	1.88	145.13	146.00	145.73	146.13	0.008735	1.58	1.19	1.46	0.56
Fosso_Fomaci	Fosso_Fomaci	9	Max WS	TR200_01-Affluent	4.06	145.13	146.56	146.10	146.76	0.010737	2.01	2.02	1.49	0.55
Fosso_Fomaci	Fosso_Fomaci	9	Max WS	TR200_02-Affluent	3.75	145.13	146.48	146.06	146.68	0.010640	1.97	1.90	1.49	0.56
Fosso_Fomaci	Fosso_Fomaci	9	Max WS	TR200_03-Affluent	3.02	145.13	146.30	145.94	146.48	0.009948	1.84	1.64	1.48	0.56
Fosso_Fomaci	Fosso_Fomaci	8.8	Max WS	TR30_01-Affluent	2.96	144.58	146.06		146.16	0.005165	1.40	2.12	1.47	0.37
Fosso_Fomaci	Fosso_Fomaci	8.8	Max WS	TR30_02-Affluent	2.32	144.58	145.84		145.93	0.004802	1.29	1.79	1.46	0.37
Fosso_Fomaci	Fosso_Fomaci	8.8	Max WS	TR30_03-Affluent	1.88	144.58	145.68		145.75	0.004536	1.21	1.55	1.46	0.37
Fosso_Fomaci	Fosso_Fomaci	8.8	Max WS	TR200_01-Affluent	4.06	144.58	146.41		146.53	0.005728	1.54	2.64	1.49	0.37
Fosso_Fomaci	Fosso_Fomaci	8.8	Max WS	TR200_02-Affluent	3.75	144.58	146.32		146.43	0.005580	1.50	2.50	1.48	0.37
Fosso_Fomaci	Fosso_Fomaci	8.8	Max WS	TR200_03-Affluent	3.02	144.58	146.08		146.18	0.005197	1.40	2.15	1.47	0.37
Fosso_Fomaci	Fosso_Fomaci	8	Max WS	TR30_01-Affluent	2.96	144.58	146.06		146.16	0.005176	1.40	2.12	1.47	0.37
Fosso_Fomaci	Fosso_Fomaci	8	Max WS	TR30_02-Affluent	2.32	144.58	145.84		145.92	0.004814	1.30	1.79	1.46	0.37
Fosso_Fomaci	Fosso_Fomaci	8	Max WS	TR30_03-Affluent	1.88	144.58	145.67		145.75	0.004550	1.21	1.55	1.46	0.38
Fosso_Fomaci	Fosso_Fomaci	8	Max WS	TR200_01-Affluent	4.06	144.58	146.41		146.53	0.005737	1.54	2.63	1.49	0.37
Fosso_Fomaci	Fosso_Fomaci	8	Max WS	TR200_02-Affluent	3.75	144.58	146.32		146.43	0.005590	1.50	2.50	1.48	0.37
Fosso_Fomaci	Fosso_Fomaci	8	Max WS	TR200_03-Affluent	3.02	144.58	146.08		146.18	0.005207	1.41	2.15	1.47	0.37
Fosso_Fomaci	Fosso_Fomaci	4	Max WS	TR30_01-Affluent	2.96	132.78	133.32	133.68	134.57	0.141914	4.96	0.60	1.10	2.15
Fosso_Fomaci	Fosso_Fomaci	4	Max WS	TR30_02-Affluent	2.32	132.78	133.23	133.55	134.34	0.142642	4.66	0.50	1.10	2.21
Fosso_Fomaci	Fosso_Fomaci	4	Max WS	TR30_03-Affluent	1.88	132.78	133.17	133.45	134.16	0.142536	4.40	0.43	1.10	2.25
Fosso_Fomaci	Fosso_Fomaci	4	Max WS	TR200_01-Affluent	4.06	132.78	133.47	133.89	134.91	0.139790	5.31	0.76	1.10	2.04
Fosso_Fomaci	Fosso_Fomaci	4	Max WS	TR200_02-Affluent	3.75	132.78	133.44	133.84	134.82	0.139051	5.21	0.72	1.10	2.06
Fosso_Fomaci	Fosso_Fomaci	4	Max WS	TR200_03-Affluent	3.02	132.78	133.33	133.69	134.60	0.141773	4.98	0.61	1.10	2.14
Fosso_Fomaci	Fosso_Fomaci	3	Max WS	TR30_01-Affluent	2.96	132.59	133.17		133.32	0.009309	1.69	1.75	3.00	0.71
Fosso_Fomaci	Fosso_Fomaci	3	Max WS	TR30_02-Affluent	2.32	132.59	133.07		133.20	0.009060	1.60	1.45	3.00	0.73
Fosso_Fomaci	Fosso_Fomaci	3	Max WS	TR30_03-Affluent	1.88	132.59	133.00		133.12	0.010657	1.52	1.24	3.00	0.76
Fosso_Fomaci	Fosso_Fomaci	3	Max WS	TR200_01-Affluent	4.05	132.59	133.33		133.50	0.008595	1.82	2.23	3.00	0.67
Fosso_Fomaci	Fosso_Fomaci	3	Max WS	TR200_02-Affluent	3.75	132.59	133.29		133.46	0.008614	1.78	2.11	3.00	0.68
Fosso_Fomaci	Fosso_Fomaci	3	Max WS	TR200_03-Affluent	3.02	132.59	133.18		133.33	0.009273	1.70	1.78	3.00	0.71
Fosso_Fomaci	Fosso_Fomaci	2	Max WS	TR30_01-Affluent	2.96	132.50	133.18	132.96	133.29	0.005802	1.44	2.05	3.00	0.56
Fosso_Fomaci	Fosso_Fomaci	2	Max WS	TR30_02-Affluent	2.32	132.50	133.08	132.89	133.17	0.005743	1.33	1.75	3.00	0.56
Fosso_Fomaci	Fosso_Fomaci	2	Max WS	TR30_03-Affluent	1.88	132.50	133.01	132.84	133.08	0.005724	1.24	1.52	3.00	0.56
Fosso_Fomaci	Fosso_Fomaci	2	Max WS	TR200_01-Affluent	4.05	132.50	133.35	133.07	133.48	0.005859	1.59	2.55	3.00	0.55
Fosso_Fomaci	Fosso_Fomaci	2	Max WS	TR200_02-Affluent	3.75	132.50	133.31	133.04	133.43	0.005746	1.54	2.43	3.00	0.55
Fosso_Fomaci	Fosso_Fomaci	2	Max WS	TR200_03-Affluent	3.02	132.50	133.19	132.97	133.30	0.005806	1.45	2.08	3.00	0.56
Fosso_Fomaci	Fosso_Fomaci	1	Max WS	TR30_01-Affluent	2.61	131.50	132.98		133.00	0.000523	0.59	4.44	3.00	0.15
Fosso_Fomaci	Fosso_Fomaci	1	Max WS	TR30_02-Affluent	2.26	131.50	132.87		132.89	0.000480	0.55	4.12	3.00	0.15
Fosso_Fomaci	Fosso_Fomaci	1	Max WS	TR30_03-Affluent	1.86	131.50	132.76		132.77	0.000416	0.49	3.77	3.00	0.14
Fosso_Fomaci	Fosso_Fomaci	1	Max WS	TR200_01-Affluent	4.01	131.50	133.26		133.29	0.000783	0.76	5.28	3.00	0.18
Fosso_Fomaci	Fosso_Fomaci	1	Max WS	TR200_02-Affluent	3.75	131.50	133.23		133.26	0.000718	0.72	5.19	3.00	0.18
Fosso_Fomaci	Fosso_Fomaci	1	Max WS	TR200_03-Affluent	3.01	131.50	133.10		133.12	0.000568	0.63	4.79	3.00	0.16
Fosso_Fomaci	Fosso_Fomaci	0	Max WS	TR30_01-Affluent	2.59	131.50	132.98		133.00	0.000517	0.58	4.44	3.00	0.15
Fosso_Fomaci	Fosso_Fomaci	0	Max WS	TR30_02-Affluent	2.26	131.50	132.87		132.89	0.000480	0.55	4.12	3.00	0.15
Fosso_Fomaci	Fosso_Fomaci	0	Max WS	TR30_03-Affluent	1.86	131.50	132.76		132.77	0.000417	0.49	3.77	3.00	0.14
Fosso_Fomaci	Fosso_Fomaci	0	Max WS	TR200_01-Affluent	4.01	131.50	133.26		133.29	0.000783	0.76	5.28	3.00	0.18
Fosso_Fomaci	Fosso_Fomaci	0	Max WS	TR200_02-Affluent	3.75	131.50	133.23		133.26	0.000718	0.72	5.19	3.00	0.18
Fosso_Fomaci	Fosso_Fomaci	0	Max WS	TR200_03-Affluent	3.01	131.50	133.10		133.12	0.000568	0.63	4.79	3.00	0.16
Fosso_Canne	Fosso_Canne	20	Max WS	TR30_01-Affluent	10.64	257.03	257.74	258.11	259.32	0.144520	5.57	1.91	5.71	3.07
Fosso_Canne	Fosso_Canne	20	Max WS	TR30_02-Affluent	8.39	257.03	257.67	258.01	259.24	0.165537	5.55	1.51	5.02	3.23
Fosso_Canne	Fosso_Canne	20	Max WS	TR30_03-Affluent	6.87	257.03	257.61	257.94	259.17	0.184767	5.53	1.24	4.50	3.36
Fosso_Canne	Fosso_Canne	20	Max WS	TR200_01-Affluent	18.17	257.03	257.95	258.40	259.65	0.092341	5.77	3.15	6.16	2.58
Fosso_Canne	Fosso_Canne	20	Max WS	TR200_02-Affluent	13.61	257.03	257.83	258.24	259.45	0.117248	5.64	2.41	5.97	2.83
Fosso_Canne	Fosso_Canne	20	Max WS	TR200_03-Affluent	11.13	257.03	257.76	258.13	259.34	0.140782	5.57	2.00	5.85	3.04
Fosso_Canne	Fosso_Canne	19	Max WS	TR30_01-Affluent	10.64	255.83	257.17		257.59	0.013867	2.85	3.73	3.80	0.92
Fosso_Canne	Fosso_Canne	19	Max WS	TR30_02-Affluent	8.39	255.83	257.05		257.38	0.012072	2.55	3.28	3.57	0.85
Fosso_Canne	Fosso_Canne	19	Max WS	TR30_03-Affluent	6.87	255.83	256.96		257.23	0.010782	2.33	2.95	3.43	0.80
Fosso_Canne	Fosso_Canne	19	Max WS	TR200_01-Affluent	18.17	255.83	257.49	257.57	258.15	0.018497	3.61	5.03	4.70	1.08
Fosso_Canne	Fosso_Canne	19	Max WS	TR200_02-Affluent	13.61	255.83	257.31	257.30	257.83	0.015976	3.18	4.28	4.08	0.99
Fosso_Canne	Fosso_Canne	19	Max WS	TR200_03-Affluent	11.13	255.83	257.20		257.63	0.014233	2.91	3.83	3.85	0.93
Fosso_Canne	Fosso_Canne	18	Max WS	TR30_01-Affluent	10.63	255.55	256.77	257.14	258.00	0.067170	5.09	2.39	4.78	1.81
Fosso_Canne	Fosso_Canne	18	Max WS	TR30_02-Affluent	8.39	255.55	256.68	257.01	257.80	0.067601	4.78	1.95	4.65	1.81
Fosso_Canne	Fosso_Canne	18	Max WS	TR30_03-Affluent	6.87	255.55	256.61	256.92	257.64	0.068485	4.53	1.60	4.54	1.81
Fosso_Canne	Fosso_Canne	18	Max WS	TR200_01-Affluent	18.17	255.55	257.03	257.48	258.52	0.066326	5.83	3.66	5.14	1.81
Fosso_Canne	Fosso_Canne	18	Max WS	TR200_02-Affluent	13.61	255.55	256.88	257.28	258.22	0.066918	5.43	2.92	4.93	1.82
Fosso_Canne	Fosso_Canne	18	Max WS	TR200_03-Affluent	11.13	255.55	256.79	257.16	258.04	0.067089	5.15	2.48	4.81	1.81
Fosso_Canne	Fosso_Canne	17	Max WS	TR30_01-Affluent	10.63	254.74	255.93	256.30	257.08	0.049794	4.82	2.43	4.66	1.59
Fosso_Canne	Fosso_Canne	17	Max WS	TR30_02-Affluent	8.39	254.74	255.82	256.16	256.82	0.048517	4.45	1.95	3.64	1.57
Fosso_Canne	Fosso_Canne	17	Max WS	TR30_03-Affluent	6.87	254.74	255.74	256.05	256.59	0.045346	4.08	1.69	2.63	1.51
Fosso_Canne	Fosso_Canne	17	Max WS	TR200_01-Affluent	18.16	254.74	256.23	256.65	257.59	0.049410	5.49	3.88	5.04	1.58
Fosso_Canne	Fosso_Canne	17	Max WS	TR200_02-Affluent	13.61	254.74	256.06	256.45	257.30	0.049658	5.13	3.04	4.82	1.59
Fosso_Canne	Fosso_Canne	17	Max WS	TR200_03-Affluent	11.13	254.74	255.96	256.32	257.12	0.049712	4.87	2.54		

HEC-RAS Profile: Max WS (Continued)

River	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
Fosso_Canne	Fosso_Canne	13	Max WS	TR200_02-Affluenti	13.61	252.93	254.16	254.44	255.07	0.029815	4.30	3.41	4.71	1.41
Fosso_Canne	Fosso_Canne	13	Max WS	TR200_03-Affluenti	11.13	252.93	254.08	254.30	254.84	0.027344	3.92	3.01	4.48	1.35
Fosso_Canne	Fosso_Canne	12	Max WS	TR30_01-Affluenti	10.62	252.92	253.93	254.14	254.65	0.028261	3.81	2.93	4.42	1.40
Fosso_Canne	Fosso_Canne	12	Max WS	TR30_02-Affluenti	8.38	252.92	253.86	254.00	254.42	0.024291	3.34	2.62	4.31	1.29
Fosso_Canne	Fosso_Canne	12	Max WS	TR30_03-Affluenti	6.87	252.92	253.80	253.90	254.26	0.022265	3.03	2.35	4.20	1.23
Fosso_Canne	Fosso_Canne	12	Max WS	TR200_01-Affluenti	17.18	252.92	254.13	254.48	255.26	0.034960	4.80	3.83	4.75	1.57
Fosso_Canne	Fosso_Canne	12	Max WS	TR200_02-Affluenti	13.41	252.92	254.02	254.29	254.92	0.031388	4.27	3.33	4.57	1.48
Fosso_Canne	Fosso_Canne	12	Max WS	TR200_03-Affluenti	11.11	252.92	253.95	254.16	254.70	0.028644	3.90	3.00	4.45	1.41
Fosso_Canne	Fosso_Canne	11	Max WS	TR30_01-Affluenti	7.25	252.58	253.52	253.71	254.16	0.041892	4.07	2.22	3.83	1.38
Fosso_Canne	Fosso_Canne	11	Max WS	TR30_02-Affluenti	6.81	252.58	253.48	253.69	254.13	0.043707	4.09	2.07	3.73	1.42
Fosso_Canne	Fosso_Canne	11	Max WS	TR30_03-Affluenti	6.26	252.58	253.45	253.65	254.08	0.044270	4.04	1.93	3.63	1.43
Fosso_Canne	Fosso_Canne	11	Max WS	TR200_01-Affluenti	7.80	252.58	253.60	253.75	254.16	0.034934	3.83	2.52	4.03	1.25
Fosso_Canne	Fosso_Canne	11	Max WS	TR200_02-Affluenti	7.57	252.58	253.56	253.74	254.16	0.039203	3.99	2.35	3.92	1.33
Fosso_Canne	Fosso_Canne	11	Max WS	TR200_03-Affluenti	7.32	252.58	253.53	253.72	254.16	0.041448	4.06	2.24	3.85	1.37
Fosso_Canne	Fosso_Canne	10	Max WS	TR30_01-Affluenti	7.34	252.33	253.26	253.14	253.45	0.008754	2.21	4.04	5.86	0.76
Fosso_Canne	Fosso_Canne	10	Max WS	TR30_02-Affluenti	6.59	252.33	253.21	253.10	253.39	0.008769	2.15	3.74	5.78	0.76
Fosso_Canne	Fosso_Canne	10	Max WS	TR30_03-Affluenti	6.01	252.33	253.17	253.06	253.34	0.008792	2.09	3.50	5.71	0.76
Fosso_Canne	Fosso_Canne	10	Max WS	TR200_01-Affluenti	9.39	252.33	253.39	253.25	253.61	0.008737	2.36	4.82	6.08	0.76
Fosso_Canne	Fosso_Canne	10	Max WS	TR200_02-Affluenti	8.19	252.33	253.32	253.19	253.52	0.008745	2.28	4.37	5.96	0.76
Fosso_Canne	Fosso_Canne	10	Max WS	TR200_03-Affluenti	7.50	252.33	253.27	253.15	253.47	0.008753	2.22	4.10	5.88	0.76
Fosso_Canne	Fosso_Canne	9	Max WS	TR30_01-Affluenti	7.34	250.89	252.07	252.12	252.62	0.024901	3.28	2.24	2.35	1.08
Fosso_Canne	Fosso_Canne	9	Max WS	TR30_02-Affluenti	6.59	250.89	252.03	252.05	252.52	0.022689	3.09	2.14	2.34	1.03
Fosso_Canne	Fosso_Canne	9	Max WS	TR30_03-Affluenti	6.01	250.89	252.00	251.99	252.43	0.020684	2.91	2.07	2.33	0.99
Fosso_Canne	Fosso_Canne	9	Max WS	TR200_01-Affluenti	9.39	250.89	252.22	252.31	252.89	0.027551	3.63	2.59	2.40	1.12
Fosso_Canne	Fosso_Canne	9	Max WS	TR200_02-Affluenti	8.19	250.89	252.13	252.20	252.74	0.026237	3.44	2.38	2.37	1.10
Fosso_Canne	Fosso_Canne	9	Max WS	TR200_03-Affluenti	7.50	250.89	252.08	252.13	252.64	0.025175	3.32	2.26	2.35	1.08
Fosso_Canne	Fosso_Canne	8	Max WS	TR30_01-Affluenti	7.34	251.39	251.98	252.13	252.52	0.032271	3.26	2.25	4.71	1.50
Fosso_Canne	Fosso_Canne	8	Max WS	TR30_02-Affluenti	6.59	251.39	251.93	252.09	252.46	0.034130	3.21	2.06	4.61	1.53
Fosso_Canne	Fosso_Canne	8	Max WS	TR30_03-Affluenti	6.01	251.39	251.90	252.05	252.41	0.035714	3.16	1.90	4.53	1.56
Fosso_Canne	Fosso_Canne	8	Max WS	TR200_01-Affluenti	9.39	251.39	252.10	252.25	252.65	0.026932	3.31	2.84	5.01	1.40
Fosso_Canne	Fosso_Canne	8	Max WS	TR200_02-Affluenti	8.19	251.39	252.03	252.18	252.58	0.030073	3.29	2.49	4.83	1.47
Fosso_Canne	Fosso_Canne	8	Max WS	TR200_03-Affluenti	7.49	251.39	251.99	252.14	252.53	0.031869	3.27	2.29	4.73	1.50
Fosso_Canne	Fosso_Canne	7	Max WS	TR30_01-Affluenti	7.74	250.61	251.63	251.86	252.33	0.024768	3.82	2.33	4.22	1.32
Fosso_Canne	Fosso_Canne	7	Max WS	TR30_02-Affluenti	6.78	250.61	251.57	251.77	252.22	0.024908	3.65	2.08	3.94	1.30
Fosso_Canne	Fosso_Canne	7	Max WS	TR30_03-Affluenti	6.07	250.61	251.53	251.72	252.14	0.025293	3.52	1.90	3.71	1.30
Fosso_Canne	Fosso_Canne	7	Max WS	TR200_01-Affluenti	10.76	250.61	251.79	252.06	252.64	0.025094	4.29	3.03	4.93	1.36
Fosso_Canne	Fosso_Canne	7	Max WS	TR200_02-Affluenti	8.93	250.61	251.70	251.95	252.46	0.024826	4.01	2.61	4.52	1.33
Fosso_Canne	Fosso_Canne	7	Max WS	TR200_03-Affluenti	7.95	250.61	251.65	251.88	252.36	0.024775	3.85	2.38	4.28	1.32
Fosso_Canne	Fosso_Canne	6	Max WS	TR30_01-Affluenti	8.03	250.32	251.32	251.53	251.98	0.025096	3.73	2.63	6.63	1.34
Fosso_Canne	Fosso_Canne	6	Max WS	TR30_02-Affluenti	6.93	250.32	251.27	251.47	251.89	0.025109	3.57	2.29	6.45	1.33
Fosso_Canne	Fosso_Canne	6	Max WS	TR30_03-Affluenti	6.14	250.32	251.22	251.42	251.80	0.025085	3.42	2.03	5.19	1.31
Fosso_Canne	Fosso_Canne	6	Max WS	TR200_01-Affluenti	11.42	250.32	251.46	251.69	252.22	0.025078	4.15	3.57	7.09	1.38
Fosso_Canne	Fosso_Canne	6	Max WS	TR200_02-Affluenti	9.37	250.32	251.38	251.60	252.08	0.025067	3.91	3.02	6.82	1.36
Fosso_Canne	Fosso_Canne	6	Max WS	TR200_03-Affluenti	8.27	250.32	251.33	251.55	252.00	0.025073	3.76	2.70	6.66	1.34
Fosso_Cadilupo	Fosso_Cadilupo	32	Max WS	TR30_01-Affluenti	9.89	189.64	190.73	190.73	191.04	0.011172	2.43	4.06	5.77	0.93
Fosso_Cadilupo	Fosso_Cadilupo	32	Max WS	TR30_02-Affluenti	10.27	189.64	190.76	190.76	191.06	0.010826	2.43	4.22	5.84	0.91
Fosso_Cadilupo	Fosso_Cadilupo	32	Max WS	TR30_03-Affluenti	9.46	189.64	190.70	190.67	191.00	0.011613	2.43	3.89	5.69	0.94
Fosso_Cadilupo	Fosso_Cadilupo	32	Max WS	TR200_01-Affluenti	20.92	189.64	191.40	191.40	191.72	0.005706	2.53	8.55	7.55	0.71
Fosso_Cadilupo	Fosso_Cadilupo	32	Max WS	TR200_02-Affluenti	19.29	189.64	191.32	191.32	191.63	0.005962	2.50	7.95	7.37	0.72
Fosso_Cadilupo	Fosso_Cadilupo	32	Max WS	TR200_03-Affluenti	16.89	189.64	191.18	191.18	191.49	0.006603	2.47	6.98	7.07	0.75
Fosso_Cadilupo	Fosso_Cadilupo	31	Max WS	TR30_01-Affluenti	9.89	189.10	190.60	190.23	190.80	0.004282	2.07	5.26	4.85	0.59
Fosso_Cadilupo	Fosso_Cadilupo	31	Max WS	TR30_02-Affluenti	10.27	189.10	190.63	190.26	190.84	0.004284	2.09	5.41	4.89	0.59
Fosso_Cadilupo	Fosso_Cadilupo	31	Max WS	TR30_03-Affluenti	9.46	189.10	190.56	190.21	190.76	0.004283	2.04	5.09	4.81	0.59
Fosso_Cadilupo	Fosso_Cadilupo	31	Max WS	TR200_01-Affluenti	20.66	189.10	191.32	190.80	191.63	0.004399	2.58	9.10	5.71	0.60
Fosso_Cadilupo	Fosso_Cadilupo	31	Max WS	TR200_02-Affluenti	19.19	189.10	191.23	190.73	191.53	0.004394	2.53	8.60	5.62	0.60
Fosso_Cadilupo	Fosso_Cadilupo	31	Max WS	TR200_03-Affluenti	16.88	189.10	191.09	190.62	191.37	0.004362	2.43	7.82	5.48	0.60
Fosso_Cadilupo	Fosso_Cadilupo	30	Max WS	TR30_01-Affluenti	9.89	188.54	189.58	189.91	190.63	0.043697	4.55	2.20	3.40	1.75
Fosso_Cadilupo	Fosso_Cadilupo	30	Max WS	TR30_02-Affluenti	10.27	188.54	189.60	189.93	190.67	0.043336	4.59	2.27	3.44	1.74
Fosso_Cadilupo	Fosso_Cadilupo	30	Max WS	TR30_03-Affluenti	9.46	188.54	189.56	189.88	190.59	0.044181	4.50	2.13	3.36	1.75
Fosso_Cadilupo	Fosso_Cadilupo	30	Max WS	TR200_01-Affluenti	20.66	188.54	189.99	190.51	191.64	0.042860	5.74	3.76	4.05	1.79
Fosso_Cadilupo	Fosso_Cadilupo	30	Max WS	TR200_02-Affluenti	19.19	188.54	189.95	190.44	191.52	0.042916	5.61	3.56	3.98	1.79
Fosso_Cadilupo	Fosso_Cadilupo	30	Max WS	TR200_03-Affluenti	16.88	188.54	189.86	190.32	191.32	0.043098	5.39	3.24	3.87	1.78
Fosso_Cadilupo	Fosso_Cadilupo	29	Max WS	TR30_01-Affluenti	9.89	187.77	188.93	189.14	189.73	0.031329	3.96	2.50	2.94	1.37
Fosso_Cadilupo	Fosso_Cadilupo	29	Max WS	TR30_02-Affluenti	10.26	187.77	188.96	189.17	189.77	0.031462	4.01	2.56	2.96	1.37
Fosso_Cadilupo	Fosso_Cadilupo	29	Max WS	TR30_03-Affluenti	9.46	187.77	188.91	189.11	189.68	0.031120	3.90	2.42	2.91	1.37
Fosso_Cadilupo	Fosso_Cadilupo	29	Max WS	TR200_01-Affluenti	20.85	187.77	189.36	189.84	190.88	0.039762	5.47	3.88	3.56	1.58
Fosso_Cadilupo	Fosso_Cadilupo	29	Max WS	TR200_02-Affluenti	19.26	187.77	189.31	189.74	190.73	0.039034	5.30	3.69	3.48	1.56
Fosso_Cadilupo	Fosso_Cadilupo	29	Max WS	TR200_03-Affluenti	16.88	187.77	189.22	189.61	190.50	0.037869	5.02	3.39	3.34	1.53
Fosso_Cadilupo	Fosso_Cadilupo	28	Max WS	TR30_01-Affluenti	9.87	187.35	188.56	188.71	189.19	0.024702	3.52	2.81	3.62	1.28
Fosso_Cadilupo	Fosso_Cadilupo	28	Max WS	TR30_02-Affluenti	10.25	187.35	188.58	188.73	189.23	0.024820	3.56	2.88	3.65	1.28
Fosso_Cadilupo	Fosso_Cadilupo	28	Max WS	TR30_03-Affluenti	9.46	187.35	188.54	188.69	189.15	0.024565	3.47	2.73	3.59	1.27
Fosso_Cadilupo	Fosso_Cadilupo	28	Max WS	TR200_01-Affluenti	20.87	187.35	188.88	189.31	190.25	0.038374	5.18	4.06	4.28	1.63
Fosso_Cadilupo	Fosso_Cadilupo	28	Max WS	TR200_02-Affluenti	19.27	187.35	188.83	189.24	190.12	0.037712	5.02	3.86	4.18	1.61
Fosso_Cadilupo	Fosso_Cadilupo	28	Max WS	TR200_03-Affluenti	16.88	187.35	188.76	189.12	189.91	0.036707	4.75	3.56	3.98	1.58
Fosso_Cadilupo	Fosso_Cadilupo	27	Max WS	TR30_01-Affluenti	6.20	186.96	188.21	187.86	188.38	0.005509	1.82	3.42	3.30	0.57
Fosso_Cadilupo	Fosso_Cadilupo	27	Max WS	TR30_02-Affluenti	6.35	186.96	188.23	187.87	188.40	0.005532	1.83	3.47	3.32	0.57
Fosso_Cadilupo	Fosso_Cadilupo	27	Max WS	TR30_03-Affluenti	6.04	186.96	188.19	187.84	188.36	0.005482	1.80	3.35	3.29	0.57
Fosso_Cadilupo	Fosso_Cadilupo	27	Max WS	TR200_01-Affluenti	6.80	186.96	188.28	187.90	188.46	0.005567	1.87	3.64	3.35	0.57
Fosso_Cadilupo	Fosso_Cadilupo	27	Max WS	TR200_02-Affluenti	6.81	186.96	188.							

HEC-RAS Profile: Max WS (Continued)

River	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
Fosso_Cadilupo	Fosso_Cadilupo	23	Max WS	TR200_01-Affluenti	18.65	184.56	186.23	186.35	186.94	0.013368	3.97	5.72	6.08	1.10
Fosso_Cadilupo	Fosso_Cadilupo	23	Max WS	TR200_02-Affluenti	17.63	184.56	186.14	186.31	186.91	0.015643	4.10	5.17	5.94	1.17
Fosso_Cadilupo	Fosso_Cadilupo	23	Max WS	TR200_03-Affluenti	15.99	184.56	186.00	186.25	186.88	0.020668	4.35	4.33	5.73	1.32
Fosso_Cadilupo	Fosso_Cadilupo	22	Max WS	TR30_01-Affluenti	9.88	183.86	185.18	185.26	185.64	0.016666	3.61	3.97	6.08	1.08
Fosso_Cadilupo	Fosso_Cadilupo	22	Max WS	TR30_02-Affluenti	10.26	183.86	185.21	185.28	185.67	0.016278	3.62	4.13	6.21	1.08
Fosso_Cadilupo	Fosso_Cadilupo	22	Max WS	TR30_03-Affluenti	9.46	183.86	185.15	185.24	185.61	0.017019	3.58	3.80	5.95	1.09
Fosso_Cadilupo	Fosso_Cadilupo	22	Max WS	TR200_01-Affluenti	20.88	183.86	186.07	186.35	186.35	0.005640	3.10	10.60	7.74	0.70
Fosso_Cadilupo	Fosso_Cadilupo	22	Max WS	TR200_02-Affluenti	19.28	183.86	185.93	186.23	186.23	0.006651	3.20	9.46	7.74	0.75
Fosso_Cadilupo	Fosso_Cadilupo	22	Max WS	TR200_03-Affluenti	16.87	183.86	185.71	186.06	186.06	0.008928	3.41	7.75	7.74	0.85
Fosso_Cadilupo	Fosso_Cadilupo	21	Max WS	TR30_01-Affluenti	9.88	183.81	185.10	184.89	185.37	0.008409	2.30	4.29	4.08	0.72
Fosso_Cadilupo	Fosso_Cadilupo	21	Max WS	TR30_02-Affluenti	10.26	183.81	185.13	184.91	185.40	0.008347	2.33	4.41	4.09	0.71
Fosso_Cadilupo	Fosso_Cadilupo	21	Max WS	TR30_03-Affluenti	9.46	183.81	185.06	184.86	185.33	0.008444	2.28	4.15	4.08	0.72
Fosso_Cadilupo	Fosso_Cadilupo	21	Max WS	TR200_01-Affluenti	20.88	183.81	185.93	185.44	186.29	0.007197	2.68	7.78	4.34	0.64
Fosso_Cadilupo	Fosso_Cadilupo	21	Max WS	TR200_02-Affluenti	19.28	183.81	185.80	185.37	186.16	0.007485	2.67	7.23	4.30	0.66
Fosso_Cadilupo	Fosso_Cadilupo	21	Max WS	TR200_03-Affluenti	16.87	183.81	185.62	185.25	185.97	0.007795	2.61	6.46	4.24	0.68
Fosso_Cadilupo	Fosso_Cadilupo	20	Max WS	TR30_01-Affluenti	9.88	183.51	184.48	184.54	184.98	0.019520	3.12	3.17	4.04	1.12
Fosso_Cadilupo	Fosso_Cadilupo	20	Max WS	TR30_02-Affluenti	10.26	183.51	184.50	184.56	185.01	0.019957	3.18	3.23	4.04	1.14
Fosso_Cadilupo	Fosso_Cadilupo	20	Max WS	TR30_03-Affluenti	9.46	183.51	184.47	184.52	184.94	0.019000	3.05	3.10	4.04	1.11
Fosso_Cadilupo	Fosso_Cadilupo	20	Max WS	TR200_01-Affluenti	20.88	183.51	184.86	185.10	185.87	0.027885	4.43	4.71	4.05	1.31
Fosso_Cadilupo	Fosso_Cadilupo	20	Max WS	TR200_02-Affluenti	19.28	183.51	184.81	185.02	185.75	0.027060	4.29	4.50	4.05	1.30
Fosso_Cadilupo	Fosso_Cadilupo	20	Max WS	TR200_03-Affluenti	16.87	183.51	184.73	184.91	185.57	0.025798	4.05	4.16	4.05	1.28
Fosso_Cadilupo	Fosso_Cadilupo	19.9	Max WS	TR30_01-Affluenti	9.88	183.14	184.08	184.22	184.59	0.024238	3.16	3.13	5.61	1.35
Fosso_Cadilupo	Fosso_Cadilupo	19.9	Max WS	TR30_02-Affluenti	10.26	183.14	184.09	184.24	184.61	0.024343	3.19	3.21	5.68	1.36
Fosso_Cadilupo	Fosso_Cadilupo	19.9	Max WS	TR30_03-Affluenti	9.46	183.14	184.06	184.20	184.56	0.024115	3.12	3.04	5.54	1.34
Fosso_Cadilupo	Fosso_Cadilupo	19.9	Max WS	TR200_01-Affluenti	20.88	183.14	184.41	184.67	185.22	0.026584	3.97	5.25	7.05	1.47
Fosso_Cadilupo	Fosso_Cadilupo	19.9	Max WS	TR200_02-Affluenti	19.28	183.14	184.37	184.61	185.14	0.026258	3.88	4.97	6.88	1.46
Fosso_Cadilupo	Fosso_Cadilupo	19.9	Max WS	TR200_03-Affluenti	16.87	183.14	184.31	184.51	185.01	0.025791	3.72	4.54	6.60	1.43
Fosso_Cadilupo	Fosso_Cadilupo	19	Max WS	TR30_01-Affluenti	9.88	180.75	182.02	181.73	182.16	0.004119	1.68	5.88	6.83	0.58
Fosso_Cadilupo	Fosso_Cadilupo	19	Max WS	TR30_02-Affluenti	10.26	180.75	182.04	181.75	182.19	0.004094	1.70	6.04	6.88	0.58
Fosso_Cadilupo	Fosso_Cadilupo	19	Max WS	TR30_03-Affluenti	9.46	180.75	181.99	181.71	182.13	0.004148	1.66	5.69	6.79	0.58
Fosso_Cadilupo	Fosso_Cadilupo	19	Max WS	TR200_01-Affluenti	20.58	180.75	182.59	182.14	182.80	0.003786	2.05	10.05	7.73	0.57
Fosso_Cadilupo	Fosso_Cadilupo	19	Max WS	TR200_02-Affluenti	19.12	180.75	182.52	182.09	182.73	0.003812	2.01	9.53	7.66	0.57
Fosso_Cadilupo	Fosso_Cadilupo	19	Max WS	TR200_03-Affluenti	16.84	180.75	182.41	182.01	182.60	0.003633	1.94	8.68	7.51	0.58
Fosso_Cadilupo	Fosso_Cadilupo	18.4	Max WS	TR30_01-Affluenti	9.88	179.65	180.78	180.99	181.52	0.029800	3.82	2.58	3.35	1.39
Fosso_Cadilupo	Fosso_Cadilupo	18.4	Max WS	TR30_02-Affluenti	10.26	179.65	180.80	181.02	181.55	0.029447	3.84	2.67	3.39	1.38
Fosso_Cadilupo	Fosso_Cadilupo	18.4	Max WS	TR30_03-Affluenti	9.46	179.65	180.75	180.96	181.48	0.030248	3.80	2.49	3.29	1.40
Fosso_Cadilupo	Fosso_Cadilupo	18.4	Max WS	TR200_01-Affluenti	20.58	179.65	181.36	181.62	182.22	0.027127	4.13	4.99	5.53	1.39
Fosso_Cadilupo	Fosso_Cadilupo	18.4	Max WS	TR200_02-Affluenti	19.12	179.65	181.28	181.56	182.17	0.028276	4.18	4.57	5.07	1.41
Fosso_Cadilupo	Fosso_Cadilupo	18.4	Max WS	TR200_03-Affluenti	16.84	179.65	181.17	181.46	182.05	0.028054	4.15	4.05	4.43	1.39
Fosso_Cadilupo	Fosso_Cadilupo	18	Max WS	TR30_01-Affluenti	9.88	178.77	180.32	180.62	180.95	0.009553	2.44	4.05	3.76	0.75
Fosso_Cadilupo	Fosso_Cadilupo	18	Max WS	TR30_02-Affluenti	10.26	178.77	180.35	180.66	180.96	0.009564	2.47	4.16	3.79	0.75
Fosso_Cadilupo	Fosso_Cadilupo	18	Max WS	TR30_03-Affluenti	9.45	178.77	180.28	180.58	180.95	0.009516	2.41	3.92	3.73	0.75
Fosso_Cadilupo	Fosso_Cadilupo	18	Max WS	TR200_01-Affluenti	20.56	178.77	180.95	181.00	181.37	0.009357	2.96	8.26	14.48	0.75
Fosso_Cadilupo	Fosso_Cadilupo	18	Max WS	TR200_02-Affluenti	19.12	178.77	180.86	180.65	181.32	0.010314	3.01	7.00	14.47	0.79
Fosso_Cadilupo	Fosso_Cadilupo	18	Max WS	TR200_03-Affluenti	16.83	178.77	180.76	180.53	181.19	0.010315	2.90	5.85	6.96	0.78
Fosso_Cadilupo	Fosso_Cadilupo	17	Max WS	TR30_01-Affluenti	9.88	178.22	180.22	180.56	180.86	0.012350	2.56	3.86	3.86	0.82
Fosso_Cadilupo	Fosso_Cadilupo	17	Max WS	TR30_02-Affluenti	10.26	178.22	180.25	180.59	180.86	0.012327	2.58	3.98	3.93	0.82
Fosso_Cadilupo	Fosso_Cadilupo	17	Max WS	TR30_03-Affluenti	9.45	178.22	180.19	180.52	180.82	0.012394	2.53	3.73	3.79	0.82
Fosso_Cadilupo	Fosso_Cadilupo	17	Max WS	TR200_01-Affluenti	20.53	178.22	180.86	181.23	181.23	0.009026	2.83	8.51	9.18	0.72
Fosso_Cadilupo	Fosso_Cadilupo	17	Max WS	TR200_02-Affluenti	19.12	178.22	180.76	180.73	181.16	0.010324	2.92	7.56	9.17	0.77
Fosso_Cadilupo	Fosso_Cadilupo	17	Max WS	TR200_03-Affluenti	16.83	178.22	180.64	180.63	181.06	0.011124	2.90	6.49	9.15	0.79
Fosso_Cadilupo	Fosso_Cadilupo	16.6	Max WS	TR30_01-Affluenti	9.88	178.09	180.01	179.71	180.26	0.007247	2.25	4.65	5.99	0.65
Fosso_Cadilupo	Fosso_Cadilupo	16.6	Max WS	TR30_02-Affluenti	10.26	178.09	180.04	179.73	180.29	0.007207	2.27	4.83	6.27	0.65
Fosso_Cadilupo	Fosso_Cadilupo	16.6	Max WS	TR30_03-Affluenti	9.45	178.09	179.97	179.68	180.22	0.007270	2.22	4.46	5.67	0.65
Fosso_Cadilupo	Fosso_Cadilupo	16.6	Max WS	TR200_01-Affluenti	20.24	178.09	180.75	180.37	181.01	0.004982	2.38	10.14	9.14	0.55
Fosso_Cadilupo	Fosso_Cadilupo	16.6	Max WS	TR200_02-Affluenti	19.12	178.09	180.59	180.32	180.89	0.006332	2.56	8.79	7.98	0.61
Fosso_Cadilupo	Fosso_Cadilupo	16.6	Max WS	TR200_03-Affluenti	16.83	178.09	180.46	180.22	180.75	0.006419	2.49	7.81	7.17	0.62
Fosso_Cadilupo	Fosso_Cadilupo	16.4	Max WS	TR30_01-Affluenti	9.88	177.33	178.98	179.23	179.87	0.039758	4.16	2.37	2.23	1.29
Fosso_Cadilupo	Fosso_Cadilupo	16.4	Max WS	TR30_02-Affluenti	10.26	177.33	179.01	179.27	179.91	0.040121	4.20	2.44	2.28	1.30
Fosso_Cadilupo	Fosso_Cadilupo	16.4	Max WS	TR30_03-Affluenti	9.45	177.33	178.95	179.19	179.81	0.039307	4.11	2.30	2.18	1.28
Fosso_Cadilupo	Fosso_Cadilupo	16.4	Max WS	TR200_01-Affluenti	20.81	177.33	179.60	180.14	180.92	0.046309	5.09	4.09	3.35	1.47
Fosso_Cadilupo	Fosso_Cadilupo	16.4	Max WS	TR200_02-Affluenti	19.12	177.33	179.53	179.95	180.79	0.045455	4.97	3.85	3.21	1.45
Fosso_Cadilupo	Fosso_Cadilupo	16.4	Max WS	TR200_03-Affluenti	16.83	177.33	179.42	179.77	180.59	0.044330	4.79	3.51	3.01	1.42
Fosso_Cadilupo	Fosso_Cadilupo	16	Max WS	TR30_01-Affluenti	9.88	176.38	177.57	177.84	178.49	0.048484	4.51	2.65	6.27	1.67
Fosso_Cadilupo	Fosso_Cadilupo	16	Max WS	TR30_02-Affluenti	10.26	176.38	177.58	177.86	178.51	0.047817	4.54	2.75	6.32	1.67
Fosso_Cadilupo	Fosso_Cadilupo	16	Max WS	TR30_03-Affluenti	9.45	176.38	177.55	177.83	178.47	0.049294	4.47	2.54	6.22	1.68
Fosso_Cadilupo	Fosso_Cadilupo	16	Max WS	TR200_01-Affluenti	20.78	176.38	177.93	178.28	179.03	0.038245	5.22	5.13	7.36	1.59
Fosso_Cadilupo	Fosso_Cadilupo	16	Max WS	TR200_02-Affluenti	19.12	176.38	177.88	178.21	178.96	0.039172	5.13	4.78	7.21	1.59
Fosso_Cadilupo	Fosso_Cadilupo	16	Max WS	TR200_03-Affluenti	16.83	176.38	177.81	178.14	178.85	0.040799	5.00	4.28	7.00	1.61
Fosso_Cadilupo	Fosso_Cadilupo	15	Max WS	TR30_01-Affluenti	9.88	175.67	176.99	177.01	177.30	0.008821	2.58	4.67	9.75	0.85
Fosso_Cadilupo	Fosso_Cadilupo	15	Max WS	TR30_02-Affluenti	10.26	175.67	177.01	177.02	177.32	0.008713	2.60	4.87	9.96	0.85
Fosso_Cadilupo	Fosso_Cadilupo	15	Max WS	TR30_03-Affluenti	9.45	175.67	176.96	176.96	177.27	0.008962	2.56	4.45	9.27	0.86
Fosso_Cadilupo	Fosso_Cadilupo	15	Max WS	TR200_01-Affluenti	20.74	175.67	177.42	177.81	177.81	0.007667	3.10	8.98	10.08	0.85
Fosso_Cadilupo	Fosso_Cadilupo	15	Max WS	TR200_02-Affluenti	19.12	175.67	177.36	177.34	177.74	0.007728	3.03	8.43	10.06	0.84
Fosso_Cadilupo	Fosso_Cadilupo	15	Max WS	TR200_03-Affluenti	16.83	175.67	177.28	177.27	177.64	0.007864	2.92	7.62	10.04	0.84
Fosso_Cadilupo	Fosso_Cadilupo	14.6	Max WS	TR30_01-Affluenti	9.88	175.52	176.90	176.86	177.15	0.006721	2.35	5.28	9.98	0.75
Fosso_Cadilupo	Fosso_Cadilupo	14.6	Max WS	TR30_02-Affluenti	10.26	175.52	176.92	176.87	177.17					

HEC-RAS Profile: Max WS (Continued)

River	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
Fosso Cadilupo	Fosso Cadilupo	13	Max WS	TR30_03-Affluent	9.45	174.41	175.28	175.48	175.93	0.036907	3.57	2.65	5.01	1.57
Fosso Cadilupo	Fosso Cadilupo	13	Max WS	TR200_01-Affluent	20.71	174.41	175.83	175.95	176.44	0.019108	3.46	5.99	7.10	1.20
Fosso Cadilupo	Fosso Cadilupo	13	Max WS	TR200_02-Affluent	19.12	174.41	175.76	175.89	176.38	0.020675	3.48	5.49	6.83	1.24
Fosso Cadilupo	Fosso Cadilupo	13	Max WS	TR200_03-Affluent	16.83	174.41	175.65	175.81	176.28	0.023084	3.51	4.79	6.43	1.30
Fosso Cadilupo	Fosso Cadilupo	12	Max WS	TR30_01-Affluent	9.88	173.34	174.81	174.41	174.94	0.003385	1.62	6.10	6.11	0.52
Fosso Cadilupo	Fosso Cadilupo	12	Max WS	TR30_02-Affluent	10.26	173.34	174.83	174.43	174.97	0.003430	1.64	6.24	6.13	0.52
Fosso Cadilupo	Fosso Cadilupo	12	Max WS	TR30_03-Affluent	9.43	173.34	174.79	174.39	174.91	0.003256	1.57	5.99	6.08	0.51
Fosso Cadilupo	Fosso Cadilupo	12	Max WS	TR200_01-Affluent	20.69	173.34	175.55	174.86	175.74	0.002809	1.90	10.91	6.78	0.48
Fosso Cadilupo	Fosso Cadilupo	12	Max WS	TR200_02-Affluent	19.12	173.34	175.46	174.80	175.64	0.002822	1.86	10.30	6.70	0.48
Fosso Cadilupo	Fosso Cadilupo	12	Max WS	TR200_03-Affluent	16.83	173.34	175.33	174.71	175.49	0.002800	1.78	9.44	6.58	0.48
Fosso Cadilupo	Fosso Cadilupo	11	Max WS	TR30_01-Affluent	9.88	173.58	174.64	173.22	174.88	0.008652	2.18	4.54	6.21	0.81
Fosso Cadilupo	Fosso Cadilupo	11	Max WS	TR30_02-Affluent	10.26	173.58	174.67	173.22	174.91	0.008489	2.19	4.68	6.22	0.81
Fosso Cadilupo	Fosso Cadilupo	11	Max WS	TR30_03-Affluent	9.47	173.58	174.62	173.22	174.86	0.008934	2.17	4.37	6.19	0.82
Fosso Cadilupo	Fosso Cadilupo	11	Max WS	TR200_01-Affluent	20.69	173.58	175.22	174.54	175.54	0.006553	2.53	8.19	6.54	0.72
Fosso Cadilupo	Fosso Cadilupo	11	Max WS	TR200_02-Affluent	19.12	173.58	175.14	174.54	175.45	0.006705	2.48	7.70	6.49	0.73
Fosso Cadilupo	Fosso Cadilupo	11	Max WS	TR200_03-Affluent	17.32	173.58	175.04	174.54	175.35	0.007063	2.45	7.07	6.44	0.75
Fosso Cadilupo	Fosso Cadilupo	10.8	Max WS	TR30_01-Affluent	9.88	173.34	174.61	174.31	174.76	0.004054	1.69	5.84	6.33	0.56
Fosso Cadilupo	Fosso Cadilupo	10.8	Max WS	TR30_02-Affluent	10.26	173.34	174.63	174.32	174.78	0.004048	1.71	5.99	6.34	0.56
Fosso Cadilupo	Fosso Cadilupo	10.8	Max WS	TR30_03-Affluent	9.43	173.34	174.58	174.29	174.72	0.004068	1.67	5.65	6.31	0.56
Fosso Cadilupo	Fosso Cadilupo	10.8	Max WS	TR200_01-Affluent	20.69	173.34	175.20	174.71	175.44	0.004017	2.13	9.70	6.67	0.56
Fosso Cadilupo	Fosso Cadilupo	10.8	Max WS	TR200_02-Affluent	19.12	173.34	175.13	174.66	175.35	0.004012	2.08	9.18	6.62	0.56
Fosso Cadilupo	Fosso Cadilupo	10.8	Max WS	TR200_03-Affluent	17.18	173.34	175.03	174.60	175.23	0.004019	2.02	8.53	6.56	0.56
Fosso Cadilupo	Fosso Cadilupo	10.6	Max WS	TR30_01-Affluent	9.88	172.24	173.16	173.21	173.54	0.017346	2.73	3.62	6.06	1.13
Fosso Cadilupo	Fosso Cadilupo	10.6	Max WS	TR30_02-Affluent	10.26	172.24	173.17	173.22	173.56	0.017236	2.76	3.71	6.07	1.13
Fosso Cadilupo	Fosso Cadilupo	10.6	Max WS	TR30_03-Affluent	9.45	172.24	173.14	173.19	173.51	0.017473	2.70	3.51	6.06	1.13
Fosso Cadilupo	Fosso Cadilupo	10.6	Max WS	TR200_01-Affluent	20.69	172.24	173.52	173.62	174.16	0.017379	3.52	5.88	6.20	1.15
Fosso Cadilupo	Fosso Cadilupo	10.6	Max WS	TR200_02-Affluent	19.12	172.24	173.48	173.56	174.07	0.017151	3.41	5.60	6.18	1.15
Fosso Cadilupo	Fosso Cadilupo	10.6	Max WS	TR200_03-Affluent	17.12	172.24	173.42	173.49	173.97	0.017048	3.28	5.21	6.16	1.14
Fosso Cadilupo	Fosso Cadilupo	10.2	Max WS	TR30_01-Affluent	9.88	171.80	172.91	173.26	173.96	0.056713	4.54	2.18	3.94	1.95
Fosso Cadilupo	Fosso Cadilupo	10.2	Max WS	TR30_02-Affluent	10.26	171.80	172.92	173.28	173.99	0.056644	4.58	2.24	3.99	1.95
Fosso Cadilupo	Fosso Cadilupo	10.2	Max WS	TR30_03-Affluent	9.45	171.80	172.89	173.22	173.92	0.056767	4.49	2.10	3.87	1.95
Fosso Cadilupo	Fosso Cadilupo	10.2	Max WS	TR200_01-Affluent	20.68	171.80	173.26	173.70	174.78	0.060772	5.46	3.79	5.42	2.08
Fosso Cadilupo	Fosso Cadilupo	10.2	Max WS	TR200_02-Affluent	19.12	171.80	173.22	173.65	174.68	0.058531	5.35	3.57	5.11	2.04
Fosso Cadilupo	Fosso Cadilupo	10.2	Max WS	TR200_03-Affluent	17.08	171.80	173.16	173.57	174.54	0.055714	5.20	3.28	4.70	1.99
Fosso Cadilupo	Fosso Cadilupo	10	Max WS	TR30_01-Affluent	9.88	171.41	172.36	172.59	173.12	0.045737	3.86	2.56	5.34	1.78
Fosso Cadilupo	Fosso Cadilupo	10	Max WS	TR30_02-Affluent	10.26	171.41	172.38	172.61	173.15	0.045815	3.89	2.64	5.45	1.79
Fosso Cadilupo	Fosso Cadilupo	10	Max WS	TR30_03-Affluent	9.45	171.41	172.34	172.57	173.09	0.045611	3.83	2.47	5.21	1.78
Fosso Cadilupo	Fosso Cadilupo	10	Max WS	TR200_01-Affluent	20.88	171.41	172.65	172.99	173.82	0.045620	4.78	4.32	6.22	1.83
Fosso Cadilupo	Fosso Cadilupo	10	Max WS	TR200_02-Affluent	19.12	171.41	172.62	172.94	173.72	0.045695	4.65	4.11	6.21	1.83
Fosso Cadilupo	Fosso Cadilupo	10	Max WS	TR200_03-Affluent	16.97	171.41	172.57	172.87	173.59	0.046272	4.48	3.79	6.20	1.83
Fosso Cadilupo	Fosso Cadilupo	9	Max WS	TR30_01-Affluent	9.88	169.78	170.79	170.98	171.43	0.036437	3.53	2.80	5.47	1.57
Fosso Cadilupo	Fosso Cadilupo	9	Max WS	TR30_02-Affluent	10.26	169.78	170.81	171.00	171.46	0.036563	3.57	2.87	5.52	1.58
Fosso Cadilupo	Fosso Cadilupo	9	Max WS	TR30_03-Affluent	9.45	169.78	170.78	170.97	171.40	0.036335	3.48	2.72	5.40	1.57
Fosso Cadilupo	Fosso Cadilupo	9	Max WS	TR200_01-Affluent	20.67	169.78	171.09	171.40	172.15	0.039120	4.57	4.53	5.96	1.67
Fosso Cadilupo	Fosso Cadilupo	9	Max WS	TR200_02-Affluent	19.12	169.78	171.05	171.35	172.05	0.038791	4.43	4.31	5.96	1.66
Fosso Cadilupo	Fosso Cadilupo	9	Max WS	TR200_03-Affluent	16.83	169.78	171.00	171.26	171.91	0.038350	4.22	3.99	5.96	1.65
Fosso Cadilupo	Fosso Cadilupo	8	Max WS	TR30_01-Affluent	9.88	169.05	170.00	170.15	170.49	0.037054	3.10	3.18	8.16	1.59
Fosso Cadilupo	Fosso Cadilupo	8	Max WS	TR30_02-Affluent	10.26	169.05	170.01	170.17	170.51	0.036918	3.12	3.28	8.32	1.59
Fosso Cadilupo	Fosso Cadilupo	8	Max WS	TR30_03-Affluent	9.45	169.05	169.98	170.14	170.47	0.037147	3.08	3.07	7.97	1.58
Fosso Cadilupo	Fosso Cadilupo	8	Max WS	TR200_01-Affluent	20.67	169.05	170.24	170.46	170.96	0.036679	3.76	5.50	10.44	1.65
Fosso Cadilupo	Fosso Cadilupo	8	Max WS	TR200_02-Affluent	19.12	169.05	170.22	170.42	170.90	0.036487	3.67	5.21	10.22	1.64
Fosso Cadilupo	Fosso Cadilupo	8	Max WS	TR200_03-Affluent	16.83	169.05	170.17	170.37	170.81	0.036299	3.53	4.77	9.89	1.62
Fosso Cadilupo	Fosso Cadilupo	7	Max WS	TR30_01-Affluent	9.88	167.02	168.18	168.34	168.67	0.040355	3.10	3.19	8.32	1.60
Fosso Cadilupo	Fosso Cadilupo	7	Max WS	TR30_02-Affluent	10.26	167.02	168.19	168.35	168.69	0.040294	3.13	3.28	8.40	1.60
Fosso Cadilupo	Fosso Cadilupo	7	Max WS	TR30_03-Affluent	9.45	167.02	168.17	168.32	168.64	0.040373	3.06	3.09	8.22	1.59
Fosso Cadilupo	Fosso Cadilupo	7	Max WS	TR200_01-Affluent	20.66	167.02	168.42	168.64	169.16	0.039572	3.82	5.40	10.08	1.67
Fosso Cadilupo	Fosso Cadilupo	7	Max WS	TR200_02-Affluent	19.12	167.02	168.39	168.60	169.10	0.040013	3.74	5.12	10.00	1.67
Fosso Cadilupo	Fosso Cadilupo	7	Max WS	TR200_03-Affluent	16.83	167.02	168.34	168.54	169.01	0.040084	3.61	4.67	9.63	1.65
Fosso Cadilupo	Fosso Cadilupo	6	Max WS	TR30_01-Affluent	9.88	165.87	166.90	167.07	167.46	0.036533	3.32	2.98	6.61	1.58
Fosso Cadilupo	Fosso Cadilupo	6	Max WS	TR30_02-Affluent	10.25	165.87	166.91	167.09	167.48	0.036558	3.34	3.07	6.76	1.58
Fosso Cadilupo	Fosso Cadilupo	6	Max WS	TR30_03-Affluent	9.45	165.87	166.88	167.05	167.43	0.036534	3.30	2.87	6.42	1.57
Fosso Cadilupo	Fosso Cadilupo	6	Max WS	TR200_01-Affluent	20.65	165.87	167.22	167.43	167.94	0.028957	3.76	5.49	8.37	1.48
Fosso Cadilupo	Fosso Cadilupo	6	Max WS	TR200_02-Affluent	19.12	165.87	167.18	167.39	167.89	0.030414	3.73	5.12	8.22	1.51
Fosso Cadilupo	Fosso Cadilupo	6	Max WS	TR200_03-Affluent	16.83	165.87	167.11	167.31	167.80	0.032691	3.67	4.58	8.00	1.55
Fosso Cadilupo	Fosso Cadilupo	5	Max WS	TR30_01-Affluent	9.88	164.70	165.96	165.78	166.15	0.006442	1.95	5.07	6.46	0.70
Fosso Cadilupo	Fosso Cadilupo	5	Max WS	TR30_02-Affluent	10.25	164.70	165.98	165.80	166.18	0.006397	1.97	5.21	6.48	0.70
Fosso Cadilupo	Fosso Cadilupo	5	Max WS	TR30_03-Affluent	9.45	164.70	165.93	165.76	166.12	0.006472	1.92	4.91	6.45	0.70
Fosso Cadilupo	Fosso Cadilupo	5	Max WS	TR200_01-Affluent	20.62	164.70	166.56	166.19	166.82	0.004779	2.27	9.25	8.27	0.63
Fosso Cadilupo	Fosso Cadilupo	5	Max WS	TR200_02-Affluent	19.11	164.70	166.47	166.14	166.73	0.005039	2.24	8.57	7.79	0.64
Fosso Cadilupo	Fosso Cadilupo	5	Max WS	TR200_03-Affluent	16.83	164.70	166.34	166.05	166.59	0.005497	2.21	7.63	6.74	0.66
Fosso Cadilupo	Fosso Cadilupo	4	Max WS	TR30_01-Affluent	9.88	164.24	165.52	165.68	165.68	0.004530	1.78	5.56	5.43	0.56
Fosso Cadilupo	Fosso Cadilupo	4	Max WS	TR30_02-Affluent	10.25	164.24	165.55	165.71	165.71	0.004534	1.80	5.70	5.43	0.56
Fosso Cadilupo	Fosso Cadilupo	4	Max WS	TR30_03-Affluent	9.45	164.24	165.49	165.65	165.65	0.004533	1.75	5.39	5.43	0.56
Fosso Cadilupo	Fosso Cadilupo	4	Max WS	TR200_01-Affluent	20.62	164.24	166.18	166.44	166.44	0.004741	2.26	9.12	5.43	0.56
Fosso Cadilupo	Fosso Cadilupo	4	Max WS	TR200_02-Affluent	19.12	164.24	166.09	166.34	166.34	0.004702	2.20	8.67	5.43	0.56
Fosso Cadilupo	Fosso Cadilupo	4	Max WS	TR200_03-Affluent	16.83	164.24	165.96	166.19	166.19	0.004684	2.11	7.96	5.43	0.56
Fosso Cadilupo	Fosso Cadilupo	3.5	Max WS	TR30_01-Affluent	9.88	164.24	165.52	165.19	165.68	0.004542	1.78	5.56	5.43	0.56
Fosso Cadilupo	Fosso Cadilupo	3.5	Max WS	TR30_02-Affluent	10.25	164.24	165.55	165.21	165.71	0.004541	1.80	5.70	5.43	0.56
Fosso Cadilupo	Fosso Cadilupo	3.5	Max WS	TR30_03-Affluent	9.45	164.24								

HEC-RAS Profile: Max WS (Continued)

River	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
Fosso Spinaie	Fosso Spinaie	42	Max WS	TR30_02-Affluenti	20.65	152.20	153.64		153.93	0.006772	2.40	8.62	7.86	0.73
Fosso Spinaie	Fosso Spinaie	42	Max WS	TR30_03-Affluenti	17.51	152.20	153.51		153.78	0.006960	2.30	7.62	7.65	0.74
Fosso Spinaie	Fosso Spinaie	42	Max WS	TR200_01-Affluenti	41.77	152.20	154.33		154.75	0.006360	2.88	14.50	9.06	0.73
Fosso Spinaie	Fosso Spinaie	42	Max WS	TR200_02-Affluenti	35.74	152.20	154.15		154.54	0.006413	2.77	12.91	8.71	0.73
Fosso Spinaie	Fosso Spinaie	42	Max WS	TR200_03-Affluenti	30.09	152.20	153.97		154.33	0.006506	2.65	11.37	8.42	0.73
Fosso Spinaie	Fosso Spinaie	41	Max WS	TR30_01-Affluenti	22.55	152.02	153.69	153.27	153.89	0.003750	2.00	11.28	9.32	0.58
Fosso Spinaie	Fosso Spinaie	41	Max WS	TR30_02-Affluenti	20.65	152.02	153.62	153.22	153.81	0.003757	1.95	10.60	9.17	0.58
Fosso Spinaie	Fosso Spinaie	41	Max WS	TR30_03-Affluenti	17.51	152.02	153.48	153.12	153.66	0.003807	1.86	9.42	8.90	0.58
Fosso Spinaie	Fosso Spinaie	41	Max WS	TR200_01-Affluenti	41.76	152.02	154.32	153.75	154.60	0.003697	2.38	17.58	10.79	0.59
Fosso Spinaie	Fosso Spinaie	41	Max WS	TR200_02-Affluenti	35.74	152.02	154.14	153.61	154.40	0.003722	2.28	15.68	10.38	0.59
Fosso Spinaie	Fosso Spinaie	41	Max WS	TR200_03-Affluenti	30.09	152.02	153.96	153.48	154.20	0.003731	2.17	13.85	9.94	0.59
Fosso Spinaie	Fosso Spinaie	40	Max WS	TR30_01-Affluenti	22.54	151.48	153.06		153.39	0.006792	2.53	8.91	8.09	0.77
Fosso Spinaie	Fosso Spinaie	40	Max WS	TR30_02-Affluenti	20.65	151.48	152.99		153.30	0.006990	2.49	8.30	7.93	0.78
Fosso Spinaie	Fosso Spinaie	40	Max WS	TR30_03-Affluenti	17.51	151.48	152.85		153.15	0.007379	2.41	7.26	7.64	0.79
Fosso Spinaie	Fosso Spinaie	40	Max WS	TR200_01-Affluenti	41.76	151.48	153.71		154.13	0.005817	2.86	14.60	9.49	0.74
Fosso Spinaie	Fosso Spinaie	40	Max WS	TR200_02-Affluenti	35.74	151.48	153.53		153.92	0.005982	2.76	12.93	9.10	0.74
Fosso Spinaie	Fosso Spinaie	40	Max WS	TR200_03-Affluenti	30.08	151.48	153.34		153.71	0.006231	2.67	11.27	8.70	0.75
Fosso Spinaie	Fosso Spinaie	39	Max WS	TR30_01-Affluenti	22.54	151.36	153.02	152.58	153.25	0.004070	2.12	10.68	8.64	0.60
Fosso Spinaie	Fosso Spinaie	39	Max WS	TR30_02-Affluenti	20.65	151.36	152.94	152.52	153.16	0.004112	2.07	10.00	8.38	0.60
Fosso Spinaie	Fosso Spinaie	39	Max WS	TR30_03-Affluenti	17.51	151.36	152.80	152.41	153.00	0.004189	1.98	8.85	7.91	0.59
Fosso Spinaie	Fosso Spinaie	39	Max WS	TR200_01-Affluenti	41.76	151.36	153.68	153.13	154.00	0.003825	2.50	17.11	10.82	0.61
Fosso Spinaie	Fosso Spinaie	39	Max WS	TR200_02-Affluenti	35.74	151.36	153.50	152.97	153.79	0.003860	2.40	15.20	10.22	0.61
Fosso Spinaie	Fosso Spinaie	39	Max WS	TR200_03-Affluenti	30.08	151.36	153.31	152.82	153.58	0.003924	2.29	13.32	9.59	0.60
Fosso Spinaie	Fosso Spinaie	38	Max WS	TR30_01-Affluenti	22.54	150.63	152.64		152.82	0.002793	1.88	12.01	7.43	0.47
Fosso Spinaie	Fosso Spinaie	38	Max WS	TR30_02-Affluenti	20.65	150.63	152.56		152.73	0.002667	1.81	11.42	7.24	0.46
Fosso Spinaie	Fosso Spinaie	38	Max WS	TR30_03-Affluenti	17.50	150.63	152.42		152.56	0.002445	1.68	10.40	6.91	0.44
Fosso Spinaie	Fosso Spinaie	38	Max WS	TR200_01-Affluenti	41.76	150.63	153.31		153.60	0.003371	2.39	17.67	9.62	0.54
Fosso Spinaie	Fosso Spinaie	38	Max WS	TR200_02-Affluenti	35.74	150.63	153.13		153.39	0.003223	2.25	15.98	9.02	0.53
Fosso Spinaie	Fosso Spinaie	38	Max WS	TR200_03-Affluenti	30.08	150.63	152.94		153.16	0.003067	2.10	14.32	8.38	0.51
Fosso Spinaie	Fosso Spinaie	37	Max WS	TR30_01-Affluenti	22.53	150.80	152.63		152.81	0.003082	1.87	12.07	9.83	0.54
Fosso Spinaie	Fosso Spinaie	37	Max WS	TR30_02-Affluenti	20.65	150.80	152.54		152.72	0.003143	1.84	11.25	9.55	0.54
Fosso Spinaie	Fosso Spinaie	37	Max WS	TR30_03-Affluenti	17.50	150.80	152.39		152.55	0.003303	1.79	9.80	9.03	0.55
Fosso Spinaie	Fosso Spinaie	37	Max WS	TR200_01-Affluenti	41.76	150.80	153.32		153.55	0.002821	2.11	19.75	12.39	0.53
Fosso Spinaie	Fosso Spinaie	37	Max WS	TR200_02-Affluenti	35.74	150.80	153.13		153.35	0.002849	2.04	17.50	11.66	0.53
Fosso Spinaie	Fosso Spinaie	37	Max WS	TR200_03-Affluenti	30.08	150.80	152.93		153.13	0.002909	1.97	15.25	10.88	0.53
Fosso Spinaie	Fosso Spinaie	36	Max WS	TR30_01-Affluenti	22.53	150.27	152.55	152.12	152.80	0.004347	2.21	10.56	9.25	0.60
Fosso Spinaie	Fosso Spinaie	36	Max WS	TR30_02-Affluenti	20.65	150.27	152.47	152.05	152.71	0.004436	2.17	9.81	9.17	0.60
Fosso Spinaie	Fosso Spinaie	36	Max WS	TR30_03-Affluenti	17.50	150.27	152.32	151.94	152.54	0.004650	2.08	8.45	9.02	0.61
Fosso Spinaie	Fosso Spinaie	36	Max WS	TR200_01-Affluenti	41.75	150.27	153.22	152.70	153.56	0.004081	2.64	16.93	10.13	0.61
Fosso Spinaie	Fosso Spinaie	36	Max WS	TR200_02-Affluenti	35.74	150.27	153.04	152.56	153.35	0.004079	2.51	15.17	9.75	0.60
Fosso Spinaie	Fosso Spinaie	36	Max WS	TR200_03-Affluenti	30.08	150.27	152.85	152.39	153.13	0.004121	2.39	13.34	9.56	0.60
Fosso Spinaie	Fosso Spinaie	35	Max WS	TR30_01-Affluenti	22.53	147.48	150.54		150.62	0.000990	1.30	17.33	8.37	0.29
Fosso Spinaie	Fosso Spinaie	35	Max WS	TR30_02-Affluenti	20.65	147.48	150.45		150.53	0.000934	1.24	16.60	8.21	0.28
Fosso Spinaie	Fosso Spinaie	35	Max WS	TR30_03-Affluenti	17.50	147.48	150.28		150.35	0.000837	1.14	15.29	7.93	0.26
Fosso Spinaie	Fosso Spinaie	35	Max WS	TR200_01-Affluenti	41.75	147.48	151.22		151.38	0.001525	1.78	23.50	9.80	0.37
Fosso Spinaie	Fosso Spinaie	35	Max WS	TR200_02-Affluenti	35.74	147.48	151.04		151.17	0.001363	1.64	21.80	9.42	0.34
Fosso Spinaie	Fosso Spinaie	35	Max WS	TR200_03-Affluenti	30.08	147.48	150.84		150.96	0.001215	1.51	19.97	9.00	0.32
Fosso Spinaie	Fosso Spinaie	34	Max WS	TR30_01-Affluenti	22.52	148.60	150.41		150.62	0.003470	2.02	11.13	8.15	0.55
Fosso Spinaie	Fosso Spinaie	34	Max WS	TR30_02-Affluenti	20.64	148.60	150.33		150.52	0.003498	1.98	10.43	8.00	0.55
Fosso Spinaie	Fosso Spinaie	34	Max WS	TR30_03-Affluenti	17.50	148.60	150.17		150.35	0.003616	1.91	9.18	7.72	0.56
Fosso Spinaie	Fosso Spinaie	34	Max WS	TR200_01-Affluenti	41.75	148.60	151.07		151.38	0.003725	2.46	16.94	9.49	0.59
Fosso Spinaie	Fosso Spinaie	34	Max WS	TR200_02-Affluenti	35.74	148.60	150.90		151.18	0.003583	2.33	15.34	9.13	0.57
Fosso Spinaie	Fosso Spinaie	34	Max WS	TR200_03-Affluenti	30.08	148.60	150.71		150.96	0.003525	2.21	13.61	8.72	0.56
Fosso Spinaie	Fosso Spinaie	33	Max WS	TR30_01-Affluenti	22.52	148.40	150.35	149.85	150.63	0.004336	2.35	9.98	8.06	0.59
Fosso Spinaie	Fosso Spinaie	33	Max WS	TR30_02-Affluenti	20.64	148.40	150.27	149.79	150.53	0.004323	2.28	9.32	7.62	0.58
Fosso Spinaie	Fosso Spinaie	33	Max WS	TR30_03-Affluenti	17.50	148.40	150.11	149.66	150.35	0.004325	2.16	8.20	6.81	0.58
Fosso Spinaie	Fosso Spinaie	33	Max WS	TR200_01-Affluenti	41.75	148.40	151.02	150.54	151.41	0.004627	2.87	16.33	10.75	0.62
Fosso Spinaie	Fosso Spinaie	33	Max WS	TR200_02-Affluenti	35.74	148.40	150.84	150.34	151.20	0.004506	2.73	14.50	10.17	0.61
Fosso Spinaie	Fosso Spinaie	33	Max WS	TR200_03-Affluenti	30.08	148.40	150.65	150.14	150.98	0.004460	2.59	12.59	9.53	0.60
Fosso Spinaie	Fosso Spinaie	32	Max WS	TR30_01-Affluenti	22.52	147.78	149.87		150.16	0.004600	2.36	9.54	5.63	0.58
Fosso Spinaie	Fosso Spinaie	32	Max WS	TR30_02-Affluenti	20.64	147.78	149.81		150.07	0.004323	2.25	9.16	5.59	0.56
Fosso Spinaie	Fosso Spinaie	32	Max WS	TR30_03-Affluenti	17.50	147.78	149.66		149.88	0.004030	2.10	8.34	5.50	0.54
Fosso Spinaie	Fosso Spinaie	32	Max WS	TR200_01-Affluenti	41.75	147.78	150.52		151.00	0.005689	3.09	14.23	8.94	0.66
Fosso Spinaie	Fosso Spinaie	32	Max WS	TR200_02-Affluenti	35.74	147.78	150.34		150.77	0.005470	2.91	12.67	7.97	0.64
Fosso Spinaie	Fosso Spinaie	32	Max WS	TR200_03-Affluenti	30.08	147.78	150.12		150.51	0.005397	2.74	11.09	6.86	0.63
Fosso Spinaie	Fosso Spinaie	31	Max WS	TR30_01-Affluenti	22.52	147.69	149.83		150.11	0.004970	2.34	9.63	6.66	0.62
Fosso Spinaie	Fosso Spinaie	31	Max WS	TR30_02-Affluenti	20.64	147.69	149.77		150.03	0.004725	2.25	9.19	6.50	0.60
Fosso Spinaie	Fosso Spinaie	31	Max WS	TR30_03-Affluenti	17.50	147.69	149.62		149.85	0.004540	2.13	8.24	6.13	0.59
Fosso Spinaie	Fosso Spinaie	31	Max WS	TR200_01-Affluenti	41.75	147.69	150.48		150.91	0.005807	2.89	14.42	8.38	0.70
Fosso Spinaie	Fosso Spinaie	31	Max WS	TR200_02-Affluenti	35.74	147.69	150.30		150.68	0.005701	2.76	12.96	7.77	0.68
Fosso Spinaie	Fosso Spinaie	31	Max WS	TR200_03-Affluenti	30.08	147.69	150.08		150.44	0.005750	2.65	11.34	7.25	0.68
Fosso Spinaie	Fosso Spinaie	30	Max WS	TR30_01-Affluenti	22.52	147.76	149.78	149.29	150.09	0.005338	2.46	9.21	6.85	0.60
Fosso Spinaie	Fosso Spinaie	30	Max WS	TR30_02-Affluenti	20.64	147.76	149.71	149.22	149.99	0.005061	2.35	8.80	5.85	0.59
Fosso Spinaie	Fosso Spinaie	30	Max WS	TR30_03-Affluenti	17.50	147.76	149.57	149.10	149.81	0.004709	2.18	8.03	5.36	0.57
Fosso Spinaie	Fosso Spinaie	30	Max WS	TR200_01-Affluenti	41.74	147.76	150.41	150.15	150.83	0.005299	3.02	16.75	14.98	0.63
Fosso Spinaie	Fosso Spinaie	30	Max WS	TR200_02-Affluenti	35.74	147.76	150.23	149.73	150.64	0.005475	2.91	14.23	13.81	0.63
Fosso Spinaie	Fosso Spinaie	30	Max WS	TR200_03-Affluenti	30.08	147.76	150.03	149.55	150.43	0.005827	2.81	11.59	12.15	0.64
Fosso Spinaie	Fosso Spinaie	29	Max WS	TR30_01-Affluenti	22.51	146.62	149.13		149.31	0.002741	1.92	11.73	5.35	0.41
Fosso Spinaie	Fosso Spinaie	29	Max WS	TR30_02-Affluenti	20.64	146.62	149.03		149.20	0.002599	1.84	11.22	5.35	0.41
Fosso Spinaie	Fosso Spinaie	29	Max WS	TR30_03-Affluenti	17.50	146.62	148.86		149.01	0.002				

HEC-RAS Profile: Max WS (Continued)

River	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
Fosso Spinaie	Fosso Spinaie	26	Max WS	TR30_01-Affluenti	22.50	145.41	147.53		147.94	0.007685	2.83	7.94	4.97	0.72
Fosso Spinaie	Fosso Spinaie	26	Max WS	TR30_02-Affluenti	20.64	145.41	147.44		147.83	0.007504	2.75	7.51	4.91	0.71
Fosso Spinaie	Fosso Spinaie	26	Max WS	TR30_03-Affluenti	17.50	145.41	147.29		147.63	0.007080	2.58	6.78	4.75	0.69
Fosso Spinaie	Fosso Spinaie	26	Max WS	TR200_01-Affluenti	40.67	145.41	148.25		148.89	0.009167	3.53	11.52	4.98	0.74
Fosso Spinaie	Fosso Spinaie	26	Max WS	TR200_02-Affluenti	35.68	145.41	148.06		148.64	0.008838	3.37	10.58	4.98	0.74
Fosso Spinaie	Fosso Spinaie	26	Max WS	TR200_03-Affluenti	30.08	145.41	147.85		148.36	0.008279	3.15	9.55	4.98	0.73
Fosso Spinaie	Fosso Spinaie	25.5	Max WS	TR30_01-Affluenti	22.50	145.71	147.41		147.96	0.011014	3.41	7.30	5.82	0.87
Fosso Spinaie	Fosso Spinaie	25.5	Max WS	TR30_02-Affluenti	20.64	145.71	147.32	147.28	147.86	0.011229	3.35	6.79	5.82	0.88
Fosso Spinaie	Fosso Spinaie	25.5	Max WS	TR30_03-Affluenti	17.50	145.71	147.17	147.15	147.68	0.011696	3.24	5.90	5.80	0.90
Fosso Spinaie	Fosso Spinaie	25.5	Max WS	TR200_01-Affluenti	41.09	145.71	148.13		148.89	0.009606	4.05	11.66	6.28	0.85
Fosso Spinaie	Fosso Spinaie	25.5	Max WS	TR200_02-Affluenti	35.68	145.71	147.95		148.64	0.009804	3.86	10.50	6.14	0.85
Fosso Spinaie	Fosso Spinaie	25.5	Max WS	TR200_03-Affluenti	30.08	145.71	147.74		148.36	0.010115	3.66	9.24	5.98	0.85
Fosso Spinaie	Fosso Spinaie	25	Max WS	TR30_01-Affluenti	22.50	145.39	147.21	146.71	147.46	0.004282	2.20	10.24	6.98	0.58
Fosso Spinaie	Fosso Spinaie	25	Max WS	TR30_02-Affluenti	20.63	145.39	147.12	146.64	147.36	0.004287	2.14	9.62	6.87	0.58
Fosso Spinaie	Fosso Spinaie	25	Max WS	TR30_03-Affluenti	17.50	145.39	146.96	146.53	147.18	0.004307	2.05	8.55	6.69	0.58
Fosso Spinaie	Fosso Spinaie	25	Max WS	TR200_01-Affluenti	39.97	145.39	147.93	147.24	148.27	0.004260	2.57	15.55	7.78	0.58
Fosso Spinaie	Fosso Spinaie	25	Max WS	TR200_02-Affluenti	35.14	145.39	147.75	147.10	148.06	0.004261	2.48	14.15	7.58	0.58
Fosso Spinaie	Fosso Spinaie	25	Max WS	TR200_03-Affluenti	30.05	145.39	147.54	146.95	147.83	0.004266	2.38	12.62	7.35	0.58
Fosso Spinaie	Fosso Spinaie	24	Max WS	TR30_01-Affluenti	22.50	143.57	146.13		146.28	0.002019	1.71	13.12	6.55	0.39
Fosso Spinaie	Fosso Spinaie	24	Max WS	TR30_02-Affluenti	20.63	143.57	146.05		146.18	0.001909	1.64	12.57	6.48	0.38
Fosso Spinaie	Fosso Spinaie	24	Max WS	TR30_03-Affluenti	17.50	143.57	145.89		146.00	0.001732	1.52	11.54	6.34	0.36
Fosso Spinaie	Fosso Spinaie	24	Max WS	TR200_01-Affluenti	39.97	143.57	146.83		147.09	0.002767	2.23	17.93	7.16	0.45
Fosso Spinaie	Fosso Spinaie	24	Max WS	TR200_02-Affluenti	35.14	143.57	146.64		146.87	0.002623	2.12	16.60	7.00	0.44
Fosso Spinaie	Fosso Spinaie	24	Max WS	TR200_03-Affluenti	30.05	143.57	146.43		146.63	0.002451	1.98	15.14	6.82	0.43
Fosso Spinaie	Fosso Spinaie	23	Max WS	TR30_01-Affluenti	22.50	144.20	146.01	145.49	146.26	0.004345	2.24	10.05	6.63	0.57
Fosso Spinaie	Fosso Spinaie	23	Max WS	TR30_02-Affluenti	20.63	144.20	145.92	145.43	146.16	0.004307	2.17	9.50	6.35	0.57
Fosso Spinaie	Fosso Spinaie	23	Max WS	TR30_03-Affluenti	17.50	144.20	145.77	145.31	145.98	0.004235	2.05	8.52	6.27	0.56
Fosso Spinaie	Fosso Spinaie	23	Max WS	TR200_01-Affluenti	40.73	144.20	146.70	146.05	147.08	0.004402	2.74	15.74	9.06	0.58
Fosso Spinaie	Fosso Spinaie	23	Max WS	TR200_02-Affluenti	35.49	144.20	146.52	145.90	146.87	0.004402	2.62	14.12	8.78	0.58
Fosso Spinaie	Fosso Spinaie	23	Max WS	TR200_03-Affluenti	30.04	144.20	146.32	145.74	146.63	0.004414	2.49	12.36	8.30	0.58
Fosso Spinaie	Fosso Spinaie	22	Max WS	TR30_01-Affluenti	22.49	142.17	144.32		144.54	0.003312	2.05	10.97	5.91	0.48
Fosso Spinaie	Fosso Spinaie	22	Max WS	TR30_02-Affluenti	20.63	142.17	144.24		144.44	0.003159	1.97	10.49	5.89	0.47
Fosso Spinaie	Fosso Spinaie	22	Max WS	TR30_03-Affluenti	17.50	142.17	144.09		144.26	0.002891	1.82	9.62	5.85	0.45
Fosso Spinaie	Fosso Spinaie	22	Max WS	TR200_01-Affluenti	40.73	142.17	145.01		145.38	0.004536	2.70	15.10	8.09	0.55
Fosso Spinaie	Fosso Spinaie	22	Max WS	TR200_02-Affluenti	35.49	142.17	144.83		145.16	0.004220	2.53	14.00	6.94	0.53
Fosso Spinaie	Fosso Spinaie	22	Max WS	TR200_03-Affluenti	30.04	142.17	144.63		144.91	0.003873	2.35	12.79	5.99	0.51
Fosso Spinaie	Fosso Spinaie	21	Max WS	TR30_01-Affluenti	22.49	142.47	144.17	143.72	144.42	0.003843	2.21	10.67	8.03	0.57
Fosso Spinaie	Fosso Spinaie	21	Max WS	TR30_02-Affluenti	20.63	142.47	144.09	143.66	144.32	0.003854	2.15	10.02	7.90	0.57
Fosso Spinaie	Fosso Spinaie	21	Max WS	TR30_03-Affluenti	17.50	142.47	143.95	143.55	144.16	0.003884	2.04	8.90	7.67	0.57
Fosso Spinaie	Fosso Spinaie	21	Max WS	TR200_01-Affluenti	40.92	142.47	144.86	144.25	145.21	0.003850	2.68	16.57	9.15	0.57
Fosso Spinaie	Fosso Spinaie	21	Max WS	TR200_02-Affluenti	35.58	142.47	144.68	144.10	145.00	0.003837	2.57	14.94	8.86	0.57
Fosso Spinaie	Fosso Spinaie	21	Max WS	TR200_03-Affluenti	30.04	142.47	144.48	143.95	144.77	0.003828	2.43	13.19	8.53	0.57
Fosso Spinaie	Fosso Spinaie	20	Max WS	TR30_01-Affluenti	22.49	141.54	143.73		143.93	0.002981	1.99	11.40	7.35	0.49
Fosso Spinaie	Fosso Spinaie	20	Max WS	TR30_02-Affluenti	20.63	141.54	143.64		143.83	0.002926	1.92	10.81	7.24	0.49
Fosso Spinaie	Fosso Spinaie	20	Max WS	TR30_03-Affluenti	17.50	141.54	143.50		143.66	0.002853	1.80	9.76	7.05	0.48
Fosso Spinaie	Fosso Spinaie	20	Max WS	TR200_01-Affluenti	40.88	141.54	144.48		144.78	0.003055	2.45	17.34	8.33	0.50
Fosso Spinaie	Fosso Spinaie	20	Max WS	TR200_02-Affluenti	35.58	141.54	144.18		144.48	0.003222	2.46	14.86	7.94	0.54
Fosso Spinaie	Fosso Spinaie	20	Max WS	TR200_03-Affluenti	30.04	141.54	144.02		144.28	0.003188	2.25	13.64	7.73	0.51
Fosso Spinaie	Fosso Spinaie	19	Max WS	TR30_01-Affluenti	22.49	141.77	143.61		143.97	0.006471	2.70	8.97	8.27	0.67
Fosso Spinaie	Fosso Spinaie	19	Max WS	TR30_02-Affluenti	20.63	141.77	143.53		143.87	0.006472	2.63	8.32	7.74	0.67
Fosso Spinaie	Fosso Spinaie	19	Max WS	TR30_03-Affluenti	17.50	141.77	143.38		143.69	0.006499	2.50	7.22	6.77	0.67
Fosso Spinaie	Fosso Spinaie	19	Max WS	TR200_01-Affluenti	40.88	141.77	144.38		144.78	0.005363	2.97	15.82	9.41	0.61
Fosso Spinaie	Fosso Spinaie	19	Max WS	TR200_02-Affluenti	35.58	141.77	144.07		144.52	0.006734	3.11	12.93	8.98	0.69
Fosso Spinaie	Fosso Spinaie	19	Max WS	TR200_03-Affluenti	30.04	141.77	143.90		144.31	0.006428	2.92	11.49	8.76	0.67
Fosso Spinaie	Fosso Spinaie	18	Max WS	TR30_01-Affluenti	22.49	141.71	143.58	143.18	143.79	0.004082	2.03	11.05	9.36	0.60
Fosso Spinaie	Fosso Spinaie	18	Max WS	TR30_02-Affluenti	20.63	141.71	143.51	143.12	143.71	0.004097	1.99	10.39	9.16	0.60
Fosso Spinaie	Fosso Spinaie	18	Max WS	TR30_03-Affluenti	17.50	141.71	143.37	143.02	143.56	0.004223	1.91	9.15	8.77	0.60
Fosso Spinaie	Fosso Spinaie	18	Max WS	TR200_01-Affluenti	40.88	141.71	144.39	143.65	144.61	0.002430	2.07	20.78	14.05	0.49
Fosso Spinaie	Fosso Spinaie	18	Max WS	TR200_02-Affluenti	35.58	141.71	144.00	143.53	144.28	0.003913	2.33	15.54	12.33	0.61
Fosso Spinaie	Fosso Spinaie	18	Max WS	TR200_03-Affluenti	30.04	141.71	143.84	143.39	144.09	0.003985	2.22	13.62	10.90	0.60
Fosso Spinaie	Fosso Spinaie	17	Max WS	TR30_01-Affluenti	22.48	139.75	142.42		142.47	0.000557	1.03	21.80	11.05	0.23
Fosso Spinaie	Fosso Spinaie	17	Max WS	TR30_02-Affluenti	20.63	139.75	142.26		142.31	0.000593	1.03	20.06	10.76	0.24
Fosso Spinaie	Fosso Spinaie	17	Max WS	TR30_03-Affluenti	17.50	139.75	141.98		142.03	0.000668	1.02	17.11	10.27	0.25
Fosso Spinaie	Fosso Spinaie	17	Max WS	TR200_01-Affluenti	40.87	139.75	144.35		144.39	0.000226	0.88	46.43	14.51	0.16
Fosso Spinaie	Fosso Spinaie	17	Max WS	TR200_02-Affluenti	35.58	139.75	143.55		143.61	0.000363	1.00	35.52	13.05	0.19
Fosso Spinaie	Fosso Spinaie	17	Max WS	TR200_03-Affluenti	30.04	139.75	143.07		143.13	0.000432	1.02	29.45	12.20	0.21
Fosso Spinaie	Fosso Spinaie	16	Max WS	TR30_01-Affluenti	22.48	140.20	142.11	141.77	142.60	0.007869	3.11	7.23	8.08	0.74
Fosso Spinaie	Fosso Spinaie	16	Max WS	TR30_02-Affluenti	20.63	140.20	141.97	141.69	142.46	0.008550	3.08	6.70	7.73	0.76
Fosso Spinaie	Fosso Spinaie	16	Max WS	TR30_03-Affluenti	17.50	140.20	141.74	141.55	142.21	0.010122	3.03	5.77	6.38	0.81
Fosso Spinaie	Fosso Spinaie	16	Max WS	TR200_01-Affluenti	40.89	140.20	143.98	142.50	144.37	0.002431	2.78	14.72	13.02	0.46
Fosso Spinaie	Fosso Spinaie	16	Max WS	TR200_02-Affluenti	35.59	140.20	143.13	142.30	143.63	0.004409	3.14	11.33	10.79	0.60
Fosso Spinaie	Fosso Spinaie	16	Max WS	TR200_03-Affluenti	30.04	140.20	142.68	142.09	143.19	0.005598	3.15	9.53	9.60	0.65
Fosso Spinaie	Fosso Spinaie	15	Max WS	TR30_01-Affluenti	22.47	140.01	141.81		142.32	0.007331	3.19	7.05	5.78	0.87
Fosso Spinaie	Fosso Spinaie	15	Max WS	TR30_02-Affluenti	20.63	140.01	141.72		142.22	0.007588	3.11	6.63	5.70	0.87
Fosso Spinaie	Fosso Spinaie	15	Max WS	TR30_03-Affluenti	17.50	140.01	141.57		142.03	0.008357	3.00	5.83	5.53	0.90
Fosso Spinaie	Fosso Spinaie	15	Max WS	TR200_01-Affluenti	40.89	140.01	142.52		143.26	0.006059	3.82	10.69	6.53	0.84
Fosso Spinaie	Fosso Spinaie	15	Max WS	TR200_02-Affluenti	35.59	140.01	142.34		143.01	0.006192	3.64	9.77	6.34	0.84
Fosso Spinaie	Fosso Spinaie	15	Max WS	TR200_03-Affluenti	30.04	140.01	142.12		142.73	0.006542	3.46	8.68	6.12	0.85
Fosso Spinaie	Fosso Spinaie	14	Max WS	TR30_01-Affluenti	22.47	139.46	141.54	141.10	141.84	0.005064	2.49	9.98	9.12	0.60
Fosso Spinaie	Fosso Spinaie	14	Max WS	TR30_02-Affluenti	20.62	139.46	141.46							

HEC-RAS Profile: Max WS (Continued)

River	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
Fosso Spinaie	Fosso Spinaie	11	Max WS	TR30_01-Affluenti	19.08	137.79	140.45		140.55	0.001307	1.46	14.51	7.40	0.31
Fosso Spinaie	Fosso Spinaie	11	Max WS	TR30_02-Affluenti	18.48	137.79	140.44		140.53	0.001252	1.43	14.40	7.40	0.31
Fosso Spinaie	Fosso Spinaie	11	Max WS	TR30_03-Affluenti	16.40	137.79	140.40		140.48	0.001047	1.29	14.09	7.40	0.28
Fosso Spinaie	Fosso Spinaie	11	Max WS	TR200_01-Affluenti	23.42	137.79	140.54		140.68	0.001751	1.72	15.14	7.40	0.36
Fosso Spinaie	Fosso Spinaie	11	Max WS	TR200_02-Affluenti	22.57	137.79	140.52		140.65	0.001665	1.67	15.01	7.40	0.35
Fosso Spinaie	Fosso Spinaie	11	Max WS	TR200_03-Affluenti	21.16	137.79	140.49		140.61	0.001520	1.59	14.81	7.40	0.34
Fosso Spinaie	Fosso Spinaie	10	Max WS	TR30_01-Affluenti	18.55	137.45	140.48		140.54	0.000739	1.15	17.67	8.19	0.24
Fosso Spinaie	Fosso Spinaie	10	Max WS	TR30_02-Affluenti	18.15	137.45	140.46		140.52	0.000725	1.13	17.53	8.19	0.24
Fosso Spinaie	Fosso Spinaie	10	Max WS	TR30_03-Affluenti	17.41	137.45	140.41		140.47	0.000711	1.11	17.14	8.19	0.24
Fosso Spinaie	Fosso Spinaie	10	Max WS	TR200_01-Affluenti	21.57	137.45	140.59		140.66	0.000867	1.27	18.57	8.20	0.26
Fosso Spinaie	Fosso Spinaie	10	Max WS	TR200_02-Affluenti	20.98	137.45	140.57		140.64	0.000843	1.25	18.40	8.20	0.26
Fosso Spinaie	Fosso Spinaie	10	Max WS	TR200_03-Affluenti	19.98	137.45	140.53		140.60	0.000800	1.21	18.11	8.20	0.25
Fosso Spinaie	Fosso Spinaie	9	Max WS	TR30_01-Affluenti	18.24	137.60	140.20	139.60	140.64	0.011581	2.94	6.20	2.82	0.63
Fosso Spinaie	Fosso Spinaie	9	Max WS	TR30_02-Affluenti	18.00	137.60	140.18	139.59	140.62	0.011513	2.93	6.15	2.82	0.63
Fosso Spinaie	Fosso Spinaie	9	Max WS	TR30_03-Affluenti	16.11	137.60	140.15	139.47	140.51	0.009556	2.66	6.06	2.81	0.58
Fosso Spinaie	Fosso Spinaie	9	Max WS	TR200_01-Affluenti	19.84	137.60	140.31	139.70	140.78	0.012035	3.04	6.52	2.83	0.64
Fosso Spinaie	Fosso Spinaie	9	Max WS	TR200_02-Affluenti	19.52	137.60	140.29	139.68	140.76	0.011945	3.02	6.46	2.83	0.64
Fosso Spinaie	Fosso Spinaie	9	Max WS	TR200_03-Affluenti	19.00	137.60	140.25	139.65	140.71	0.011795	2.99	6.35	2.82	0.64
Fosso Spinaie	Fosso Spinaie	8	Max WS	TR30_01-Affluenti	18.24	133.80	136.13		136.50	0.007816	2.70	6.76	3.82	0.65
Fosso Spinaie	Fosso Spinaie	8	Max WS	TR30_02-Affluenti	18.00	133.80	136.06		136.46	0.008405	2.77	6.51	3.77	0.67
Fosso Spinaie	Fosso Spinaie	8	Max WS	TR30_03-Affluenti	17.41	133.80	136.02		136.40	0.008422	2.75	6.34	3.74	0.67
Fosso Spinaie	Fosso Spinaie	8	Max WS	TR200_01-Affluenti	19.83	133.80	137.63		137.74	0.010607	1.49	13.28	4.90	0.29
Fosso Spinaie	Fosso Spinaie	8	Max WS	TR200_02-Affluenti	19.51	133.80	137.54		137.65	0.010698	1.52	12.84	4.84	0.30
Fosso Spinaie	Fosso Spinaie	8	Max WS	TR200_03-Affluenti	18.99	133.80	136.97		137.15	0.002892	1.86	10.22	4.43	0.39
Fosso Spinaie	Fosso Spinaie	7	Max WS	TR30_01-Affluenti	18.39	134.84	136.07		136.42	0.008880	2.60	7.06	7.69	0.87
Fosso Spinaie	Fosso Spinaie	7	Max WS	TR30_02-Affluenti	18.15	134.84	136.01	135.98	136.40	0.010734	2.77	6.56	7.56	0.95
Fosso Spinaie	Fosso Spinaie	7	Max WS	TR30_03-Affluenti	17.41	134.84	135.96	135.95	136.36	0.011728	2.81	6.19	7.47	0.99
Fosso Spinaie	Fosso Spinaie	7	Max WS	TR200_01-Affluenti	21.52	134.84	137.65		137.70	0.000514	1.00	21.59	10.67	0.22
Fosso Spinaie	Fosso Spinaie	7	Max WS	TR200_02-Affluenti	20.75	134.84	137.56		137.61	0.000541	1.00	20.68	10.61	0.23
Fosso Spinaie	Fosso Spinaie	7	Max WS	TR200_03-Affluenti	19.64	134.84	137.01		137.09	0.001161	1.30	15.09	9.53	0.33
Fosso Spinaie	Fosso Spinaie	6.6	Max WS	TR30_01-Affluenti	18.48	134.60	135.93	136.04	136.55	0.017204	3.51	5.27	5.75	1.17
Fosso Spinaie	Fosso Spinaie	6.6	Max WS	TR30_02-Affluenti	18.17	134.60	135.81	136.02	136.60	0.024241	3.94	4.61	5.52	1.38
Fosso Spinaie	Fosso Spinaie	6.6	Max WS	TR30_03-Affluenti	17.41	134.60	135.70	135.99	136.65	0.032913	4.31	4.04	5.31	1.52
Fosso Spinaie	Fosso Spinaie	6.6	Max WS	TR200_01-Affluenti	21.40	134.60	137.62		137.69	0.000735	1.18	18.64	10.86	0.26
Fosso Spinaie	Fosso Spinaie	6.6	Max WS	TR200_02-Affluenti	20.77	134.60	137.53		137.61	0.000799	1.20	17.67	10.78	0.27
Fosso Spinaie	Fosso Spinaie	6.6	Max WS	TR200_03-Affluenti	19.91	134.60	136.94		137.08	0.002019	1.64	12.16	7.96	0.42
Fosso Spinaie	Fosso Spinaie	6	Max WS	TR30_01-Affluenti	22.39	133.81	135.52		135.84	0.005970	2.52	8.89	6.98	0.71
Fosso Spinaie	Fosso Spinaie	6	Max WS	TR30_02-Affluenti	20.46	133.81	135.24		135.67	0.009637	2.91	7.02	6.45	0.89
Fosso Spinaie	Fosso Spinaie	6	Max WS	TR30_03-Affluenti	17.47	133.81	134.92	135.03	135.53	0.017619	3.45	5.07	5.83	1.18
Fosso Spinaie	Fosso Spinaie	6	Max WS	TR200_01-Affluenti	28.90	133.81	137.58		137.64	0.000416	1.06	28.45	11.35	0.20
Fosso Spinaie	Fosso Spinaie	6	Max WS	TR200_02-Affluenti	27.81	133.81	137.49		137.55	0.000426	1.05	27.45	11.35	0.20
Fosso Spinaie	Fosso Spinaie	6	Max WS	TR200_03-Affluenti	29.37	133.81	136.82		136.94	0.001148	1.49	19.86	11.18	0.33
Fosso Spinaie	Fosso Spinaie	5	Max WS	TR30_01-Affluenti	22.52	132.90	135.44		135.55	0.001544	1.50	14.98	9.41	0.38
Fosso Spinaie	Fosso Spinaie	5	Max WS	TR30_02-Affluenti	20.64	132.90	135.02		135.19	0.002837	1.84	11.24	8.33	0.51
Fosso Spinaie	Fosso Spinaie	5	Max WS	TR30_03-Affluenti	17.48	132.90	134.55		134.82	0.005946	2.30	7.60	7.13	0.71
Fosso Spinaie	Fosso Spinaie	5	Max WS	TR200_01-Affluenti	37.39	132.90	137.55		137.60	0.000305	0.96	38.98	12.43	0.17
Fosso Spinaie	Fosso Spinaie	5	Max WS	TR200_02-Affluenti	34.74	132.90	137.47		137.51	0.000284	0.92	37.97	12.43	0.17
Fosso Spinaie	Fosso Spinaie	5	Max WS	TR200_03-Affluenti	29.77	132.90	136.84		136.89	0.000397	0.99	30.18	12.06	0.20
Fosso Spinaie	Fosso Spinaie	4	Max WS	TR30_01-Affluenti	22.47	132.44	135.44		135.52	0.001052	1.30	17.29	9.83	0.31
Fosso Spinaie	Fosso Spinaie	4	Max WS	TR30_02-Affluenti	20.63	132.44	135.01		135.13	0.001768	1.55	13.33	8.65	0.40
Fosso Spinaie	Fosso Spinaie	4	Max WS	TR30_03-Affluenti	17.48	132.44	134.48		134.67	0.003433	1.91	9.16	7.19	0.54
Fosso Spinaie	Fosso Spinaie	4	Max WS	TR200_01-Affluenti	33.47	132.44	137.57		137.60	0.000188	0.77	43.50	13.35	0.14
Fosso Spinaie	Fosso Spinaie	4	Max WS	TR200_02-Affluenti	33.06	132.44	137.48		137.51	0.000198	0.78	42.30	13.35	0.14
Fosso Spinaie	Fosso Spinaie	4	Max WS	TR200_03-Affluenti	29.78	132.44	136.84		136.88	0.000308	0.88	33.81	13.35	0.18
Fosso Spinaie	Fosso Spinaie	3	Max WS	TR30_01-Affluenti	22.31	131.36	135.22	133.37	135.46	0.001298	2.17	10.27	5.35	0.36
Fosso Spinaie	Fosso Spinaie	3	Max WS	TR30_02-Affluenti	20.63	131.36	134.80	133.28	135.06	0.001652	2.26	9.12	5.11	0.40
Fosso Spinaie	Fosso Spinaie	3	Max WS	TR30_03-Affluenti	17.48	131.36	134.35	133.09	134.60	0.001938	2.22	7.87	4.78	0.42
Fosso Spinaie	Fosso Spinaie	3	Max WS	TR200_01-Affluenti	33.82	131.36	137.35	133.97	137.57	0.003336	2.07	16.54	7.93	0.39
Fosso Spinaie	Fosso Spinaie	3	Max WS	TR200_02-Affluenti	33.19	131.36	137.26	133.95	137.48	0.000671	2.09	15.89	7.93	0.28
Fosso Spinaie	Fosso Spinaie	3	Max WS	TR200_03-Affluenti	29.78	131.36	136.62	133.77	136.85	0.000799	2.11	14.13	7.22	0.30
Fosso Spinaie	Fosso Spinaie	2	Max WS	TR30_01-Affluenti	22.50	131.35	134.99		135.25	0.000941	2.27	9.93	9.50	0.38
Fosso Spinaie	Fosso Spinaie	2	Max WS	TR30_02-Affluenti	20.63	131.35	134.72		134.98	0.001017	2.24	9.21	8.68	0.39
Fosso Spinaie	Fosso Spinaie	2	Max WS	TR30_03-Affluenti	17.48	131.35	134.27		134.52	0.001174	2.19	7.98	7.28	0.41
Fosso Spinaie	Fosso Spinaie	2	Max WS	TR200_01-Affluenti	33.82	131.35	136.57		136.85	0.000639	2.38	14.24	13.67	0.33
Fosso Spinaie	Fosso Spinaie	2	Max WS	TR200_02-Affluenti	33.19	131.35	136.48		136.77	0.000651	2.37	14.00	13.54	0.33
Fosso Spinaie	Fosso Spinaie	2	Max WS	TR200_03-Affluenti	29.78	131.35	136.00		136.28	0.000724	2.34	12.71	12.68	0.35
Fosso Spinaie	Fosso Spinaie	1	Max WS	TR30_01-Affluenti	22.49	130.86	135.07	132.52	135.16	0.000999	1.28	17.51	4.46	0.21
Fosso Spinaie	Fosso Spinaie	1	Max WS	TR30_02-Affluenti	20.62	130.86	134.80	132.44	134.89	0.000999	1.26	16.32	4.46	0.21
Fosso Spinaie	Fosso Spinaie	1	Max WS	TR30_03-Affluenti	17.48	130.86	134.35	132.31	134.43	0.000999	1.22	14.29	4.46	0.22
Fosso Spinaie	Fosso Spinaie	1	Max WS	TR200_01-Affluenti	33.82	130.86	136.67	132.95	136.76	0.000997	1.37	24.63	4.46	0.19
Fosso Spinaie	Fosso Spinaie	1	Max WS	TR200_02-Affluenti	33.19	130.86	136.58	132.93	136.68	0.000998	1.37	24.24	4.46	0.19
Fosso Spinaie	Fosso Spinaie	1	Max WS	TR200_03-Affluenti	29.78	130.86	136.10	132.80	136.19	0.000999	1.35	22.10	4.46	0.19
Fosso di Serilli	Fosso di Serilli	10	Max WS	TR30_01-Serilli	9.04	265.07	266.30	266.41	266.80	0.022673	3.16	2.86	4.12	1.21
Fosso di Serilli	Fosso di Serilli	10	Max WS	TR30_02-Serilli	7.96	265.07	266.23	266.33	266.71	0.022804	3.08	2.58	3.85	1.20
Fosso di Serilli	Fosso di Serilli	10	Max WS	TR30_03-Serilli	6.85	265.07	266.15	266.24	266.60	0.022647	2.99	2.29	3.55	1.19
Fosso di Serilli	Fosso di Serilli	10	Max WS	TR200_01-Serilli	17.27	265.07	266.74	266.83	267.34	0.018428	3.41	5.06	5.52	1.14
Fosso di Serilli	Fosso di Serilli	10	Max WS	TR200_02-Serilli	14.10	265.07	266.59	266.69	267.16	0.020498	3.33	4.23	5.23	1.18
Fosso di Serilli	Fosso di Serilli	10	Max WS	TR200_03-Serilli	11.79	265.07	266.46	266.58	267.01	0.021562	3.27	3.60	4.75	1.20
Fosso di Serilli	Fosso di Serilli	9	Max WS	TR30_01-Serilli	9.03	264.91	266.12		266.38	0.011647	2.27	3.97	5.96	0.89
Fosso di Serilli	Fosso di Serilli	9	Max WS	TR30_02-Serilli	7.96	264.91	266.05		266.31	0.012746	2.24	3.56	5.93	0.92
Fosso di Serilli	Fosso di Serilli	9</												

HEC-RAS Profile: Max WS (Continued)

River	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
Fosso di Serilli	Fosso di Serilli	7	Max WS	TR200_03-Serilli	11.79	263.56	264.47	264.66	265.20	0.029320	3.80	3.11	4.05	1.38
Fosso di Serilli	Fosso di Serilli	6	Max WS	TR30_01-Serilli	9.03	263.22	264.15	264.30	264.76	0.028690	3.44	2.62	4.08	1.37
Fosso di Serilli	Fosso di Serilli	6	Max WS	TR30_02-Serilli	7.96	263.22	264.10	264.24	264.65	0.027923	3.27	2.43	4.06	1.35
Fosso di Serilli	Fosso di Serilli	6	Max WS	TR30_03-Serilli	6.85	263.22	264.05	264.16	264.53	0.026738	3.07	2.23	4.04	1.32
Fosso di Serilli	Fosso di Serilli	6	Max WS	TR200_01-Serilli	17.26	263.22	264.48	264.74	265.43	0.030456	4.32	4.00	4.20	1.41
Fosso di Serilli	Fosso di Serilli	6	Max WS	TR200_02-Serilli	14.09	263.22	264.36	264.58	265.19	0.030083	4.04	3.49	4.15	1.41
Fosso di Serilli	Fosso di Serilli	6	Max WS	TR200_03-Serilli	11.79	263.22	264.27	264.46	265.00	0.029652	3.80	3.11	4.12	1.40
Fosso di Serilli	Fosso di Serilli	5	Max WS	TR30_01-Serilli	9.03	263.13	263.77	264.11	264.93	0.069491	4.78	1.89	3.42	2.06
Fosso di Serilli	Fosso di Serilli	5	Max WS	TR30_02-Serilli	7.96	263.13	263.72	264.04	264.81	0.071559	4.63	1.72	3.41	2.08
Fosso di Serilli	Fosso di Serilli	5	Max WS	TR30_03-Serilli	6.85	263.13	263.66	263.96	264.68	0.074451	4.46	1.54	3.40	2.12
Fosso di Serilli	Fosso di Serilli	5	Max WS	TR200_01-Serilli	17.26	263.13	264.08	264.59	265.80	0.067230	5.81	2.97	3.50	2.01
Fosso di Serilli	Fosso di Serilli	5	Max WS	TR200_02-Serilli	14.09	263.13	263.97	264.42	265.48	0.067170	5.45	2.58	3.47	2.02
Fosso di Serilli	Fosso di Serilli	5	Max WS	TR200_03-Serilli	11.79	263.13	263.88	264.28	265.24	0.067547	5.16	2.28	3.45	2.03
Fosso di Serilli	Fosso di Serilli	4	Max WS	TR30_01-Serilli	9.03	262.53	263.45	263.54	264.00	0.024599	3.28	2.75	3.43	1.17
Fosso di Serilli	Fosso di Serilli	4	Max WS	TR30_02-Serilli	7.96	262.53	263.40	263.46	263.88	0.022828	3.08	2.59	3.43	1.13
Fosso di Serilli	Fosso di Serilli	4	Max WS	TR30_03-Serilli	6.85	262.53	263.35	263.39	263.76	0.020919	2.85	2.41	3.43	1.08
Fosso di Serilli	Fosso di Serilli	4	Max WS	TR200_01-Serilli	17.26	262.53	263.74	264.02	264.81	0.036840	4.60	3.76	3.46	1.41
Fosso di Serilli	Fosso di Serilli	4	Max WS	TR200_02-Serilli	14.09	262.53	263.63	263.85	264.51	0.032671	4.15	3.40	3.45	1.34
Fosso di Serilli	Fosso di Serilli	4	Max WS	TR200_03-Serilli	11.79	262.53	263.55	263.71	264.28	0.029191	3.78	3.12	3.44	1.27
Fosso di Serilli	Fosso di Serilli	3	Max WS	TR30_01-Serilli	9.03	262.55	263.10	263.52	264.83	0.135929	5.82	1.55	3.75	2.89
Fosso di Serilli	Fosso di Serilli	3	Max WS	TR30_02-Serilli	7.96	262.55	263.07	263.46	264.63	0.133987	5.54	1.43	3.75	2.86
Fosso di Serilli	Fosso di Serilli	3	Max WS	TR30_03-Serilli	6.85	262.55	263.03	263.39	264.42	0.131161	5.22	1.31	3.74	2.82
Fosso di Serilli	Fosso di Serilli	3	Max WS	TR200_01-Serilli	17.26	262.55	263.35	263.97	265.74	0.118971	6.85	2.52	3.94	2.74
Fosso di Serilli	Fosso di Serilli	3	Max WS	TR200_02-Serilli	14.09	262.55	263.25	263.81	265.46	0.123310	6.57	2.15	3.78	2.79
Fosso di Serilli	Fosso di Serilli	3	Max WS	TR200_03-Serilli	11.79	262.55	263.18	263.68	265.20	0.129844	6.29	1.87	3.77	2.85
Fosso di Serilli	Fosso di Serilli	2	Max WS	TR30_01-Serilli	9.03	261.38	262.25	262.68	263.86	0.131824	5.62	1.61	3.69	2.72
Fosso di Serilli	Fosso di Serilli	2	Max WS	TR30_02-Serilli	7.96	261.38	262.21	262.60	263.75	0.134078	5.50	1.45	3.49	2.73
Fosso di Serilli	Fosso di Serilli	2	Max WS	TR30_03-Serilli	6.85	261.38	262.16	262.53	263.61	0.132849	5.34	1.28	3.18	2.69
Fosso di Serilli	Fosso di Serilli	2	Max WS	TR200_01-Serilli	17.26	261.38	262.57	263.11	264.53	0.088990	6.22	2.80	4.17	2.30
Fosso di Serilli	Fosso di Serilli	2	Max WS	TR200_02-Serilli	14.09	261.38	262.45	262.96	264.31	0.103178	6.05	2.33	3.74	2.44
Fosso di Serilli	Fosso di Serilli	2	Max WS	TR200_03-Serilli	11.79	261.38	262.36	262.84	264.13	0.114777	5.89	2.00	3.70	2.56
Fosso di Serilli	Fosso di Serilli	1	Max WS	TR30_01-Serilli	9.03	260.45	261.48	261.77	262.48	0.050108	4.43	2.04	2.53	1.58
Fosso di Serilli	Fosso di Serilli	1	Max WS	TR30_02-Serilli	7.96	260.45	261.41	261.68	262.34	0.050119	4.27	1.86	2.52	1.59
Fosso di Serilli	Fosso di Serilli	1	Max WS	TR30_03-Serilli	6.85	260.45	261.33	261.58	262.18	0.050115	4.09	1.68	2.51	1.60
Fosso di Serilli	Fosso di Serilli	1	Max WS	TR200_01-Serilli	17.26	260.45	261.96	262.47	263.38	0.050089	5.27	3.28	2.57	1.49
Fosso di Serilli	Fosso di Serilli	1	Max WS	TR200_02-Serilli	14.09	260.45	261.78	262.13	263.06	0.050100	5.00	2.82	2.55	1.52
Fosso di Serilli	Fosso di Serilli	1	Max WS	TR200_03-Serilli	11.79	260.45	261.65	261.98	262.81	0.050114	4.77	2.47	2.54	1.55