

HEC-RAS Plan: Sim_criticità River: Flumini_Mannu Reach: Flumini_Mannu

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Diff	Vel Chnl (m/s)	Top Width (m)	Froude # Chl
Flumini_Mannu	22	S1	55.00	28.19	30.32	-2.13	1.76	26.01	0.51
Flumini_Mannu	22	S2	145.00	28.19	31.16	-2.97	2.65	29.42	0.62
Flumini_Mannu	22	S3	680.00	28.19	33.60	-5.41	4.47	76.15	0.71
Flumini_Mannu	21	S1	55.00	27.68	28.88	-1.20	2.66	29.25	1.01
Flumini_Mannu	21	S2	145.00	27.68	29.53	-1.85	3.51	33.04	1.00
Flumini_Mannu	21	S3	680.00	27.68	31.88	-4.20	5.30	55.91	0.94
Flumini_Mannu	20	S1	55.00	26.24	26.64	-0.40	6.43	23.26	3.38
Flumini_Mannu	20	S2	145.00	26.24	27.13	-0.89	7.14	24.29	2.49
Flumini_Mannu	20	S3	680.00	26.24	28.66	-2.42	9.09	45.80	2.27
Flumini_Mannu	19	S1	55.00	24.23	25.77	-1.54	2.08	23.98	0.63
Flumini_Mannu	19	S2	145.00	24.23	26.59	-2.36	2.57	48.66	0.76
Flumini_Mannu	19	S3	680.00	24.23	28.61	-4.38	4.12	65.39	0.78
Flumini_Mannu	18	S1	55.00	23.61	24.84	-1.23	1.37	48.90	0.48
Flumini_Mannu	18	S2	145.00	23.61	25.50	-1.89	1.99	51.29	0.53
Flumini_Mannu	18	S3	680.00	23.61	27.74	-4.13	3.44	65.21	0.60
Flumini_Mannu	17.3	S1	55.00	21.78	22.95	-1.17	1.50	46.92	0.54
Flumini_Mannu	17.3	S2	145.00	21.78	23.59	-1.81	2.14	49.43	0.58
Flumini_Mannu	17.3	S3	680.00	21.78	25.62	-3.84	3.86	57.39	0.70
Flumini_Mannu	17.2	S1	55.00	21.77	22.88	-1.11	1.62	46.67	0.61
Flumini_Mannu	17.2	S2	145.00	21.77	23.53	-1.76	2.24	49.18	0.62
Flumini_Mannu	17.2	S3	680.00	21.77	25.53	-3.76	3.98	57.01	0.73
Flumini_Mannu	17.1		Bridge						
Flumini_Mannu	17	S1	55.00	21.76	22.84	-1.08	1.53	47.03	0.56
Flumini_Mannu	17	S2	145.00	21.76	23.48	-1.72	2.17	49.47	0.59
Flumini_Mannu	17	S3	680.00	21.76	25.40	-3.64	4.03	56.71	0.75
Flumini_Mannu	16.9	S1	55.00	21.75	22.81	-1.06	1.60	46.90	0.60
Flumini_Mannu	16.9	S2	145.00	21.75	23.45	-1.70	2.21	49.35	0.61
Flumini_Mannu	16.9	S3	680.00	21.75	25.34	-3.59	4.12	56.46	0.77
Flumini_Mannu	16	S1	55.00	20.14	21.48	-1.34	1.55	46.32	0.57
Flumini_Mannu	16	S2	145.00	20.14	22.01	-1.87	2.38	50.63	0.69
Flumini_Mannu	16	S3	680.00	20.14	24.30	-4.16	3.43	79.72	0.63
Flumini_Mannu	15	S1	58.00	18.71	20.30	-1.59	1.42	57.59	0.54
Flumini_Mannu	15	S2	155.00	18.71	21.07	-2.36	1.80	60.06	0.48
Flumini_Mannu	15	S3	695.00	18.71	23.92	-5.21	2.55	79.43	0.40
Flumini_Mannu	14.3	S1	58.00	17.74	19.26	-1.52	1.90	30.61	0.61
Flumini_Mannu	14.3	S2	155.00	17.74	20.04	-2.30	2.80	33.40	0.69
Flumini_Mannu	14.3	S3	695.00	17.74	22.78	-5.04	4.23	51.65	0.76
Flumini_Mannu	14.2	S1	58.00	17.73	19.19	-1.46	2.04	30.34	0.67
Flumini_Mannu	14.2	S2	155.00	17.73	19.93	-2.20	2.99	33.00	0.76
Flumini_Mannu	14.2	S3	695.00	17.73	22.56	-4.83	4.59	48.79	0.77
Flumini_Mannu	14.1		Bridge						
Flumini_Mannu	14	S1	58.00	17.72	19.14	-1.42	2.02	30.32	0.66
Flumini_Mannu	14	S2	155.00	17.72	19.86	-2.14	3.00	32.88	0.76
Flumini_Mannu	14	S3	695.00	17.72	21.42	-3.70	6.48	38.41	1.24
Flumini_Mannu	13.9	S1	58.00	17.71	19.08	-1.37	2.14	30.12	0.72
Flumini_Mannu	13.9	S2	155.00	17.71	19.75	-2.04	3.22	32.49	0.84
Flumini_Mannu	13.9	S3	695.00	17.71	21.87	-4.16	5.56	40.50	1.00
Flumini_Mannu	13	S1	58.00	15.97	17.42	-1.45	1.73	37.71	0.59
Flumini_Mannu	13	S2	155.00	15.97	18.17	-2.20	2.14	56.38	0.60
Flumini_Mannu	13	S3	695.00	15.97	20.09	-4.12	3.72	63.24	0.69
Flumini_Mannu	12.3	S1	58.00	14.73	16.19	-1.46	1.80	35.92	0.61

HEC-RAS Plan: Sim_criticità River: Flumini_Mannu Reach: Flumini_Mannu (Continued)

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Diff	Vel Chnl (m/s)	Top Width (m)	Froude # Chl
Flumini_Mannu	12.3	S2	155.00	14.73	16.98	-2.25	2.22	55.83	0.63
Flumini_Mannu	12.3	S3	695.00	14.73	18.88	-4.15	3.81	62.82	0.72
Flumini_Mannu	12.2	S1	58.00	14.72	16.10	-1.38	1.98	34.39	0.69
Flumini_Mannu	12.2	S2	155.00	14.72	16.89	-2.17	2.39	55.49	0.71
Flumini_Mannu	12.2	S3	695.00	14.72	18.77	-4.05	3.96	62.42	0.75
Flumini_Mannu	12.1		Bridge						
Flumini_Mannu	12	S1	58.00	14.71	16.01	-1.30	2.05	34.45	0.72
Flumini_Mannu	12	S2	155.00	14.71	16.80	-2.09	2.42	55.50	0.72
Flumini_Mannu	12	S3	695.00	14.71	18.61	-3.90	4.07	62.09	0.78
Flumini_Mannu	11.9	S1	58.00	14.70	15.87	-1.17	2.42	32.11	0.89
Flumini_Mannu	11.9	S2	155.00	14.70	16.70	-2.00	2.63	54.93	0.81
Flumini_Mannu	11.9	S3	695.00	14.70	18.51	-3.81	4.22	61.73	0.83
Flumini_Mannu	11	S1	58.00	13.87	14.90	-1.03	2.09	29.31	0.69
Flumini_Mannu	11	S2	155.00	13.87	16.11	-2.24	2.05	58.27	0.58
Flumini_Mannu	11	S3	695.00	13.87	18.10	-4.23	3.51	64.34	0.64
Flumini_Mannu	10	S1	58.00	12.05	13.70	-1.65	1.60	28.86	0.46
Flumini_Mannu	10	S2	155.00	12.05	15.05	-3.00	1.81	60.22	0.48
Flumini_Mannu	10	S3	695.00	12.05	16.89	-4.84	3.39	69.12	0.63
Flumini_Mannu	9	S1	58.00	10.37	11.45	-1.08	2.16	29.04	0.72
Flumini_Mannu	9	S2	155.00	10.37	12.07	-1.70	3.44	30.36	0.90
Flumini_Mannu	9	S3	695.00	10.37	14.42	-4.05	3.81	65.88	0.73
Flumini_Mannu	8.3	S1	58.00	8.19	10.09	-1.90	1.09	56.70	0.36
Flumini_Mannu	8.3	S2	155.00	8.19	10.98	-2.79	1.44	64.41	0.36
Flumini_Mannu	8.3	S3	695.00	8.19	12.50	-4.31	3.24	76.84	0.62
Flumini_Mannu	8.2	S1	58.00	8.17	10.07	-1.90	1.15	56.06	0.38
Flumini_Mannu	8.2	S2	155.00	8.17	10.97	-2.80	1.48	64.27	0.37
Flumini_Mannu	8.2	S3	695.00	8.17	12.43	-4.26	3.34	76.30	0.65
Flumini_Mannu	8.1		Bridge						
Flumini_Mannu	8	S1	58.00	8.15	10.06	-1.91	1.14	55.59	0.38
Flumini_Mannu	8	S2	155.00	8.15	10.95	-2.80	1.47	64.16	0.37
Flumini_Mannu	8	S3	695.00	8.15	12.30	-4.15	3.50	75.17	0.69
Flumini_Mannu	7.9	S1	65.00	8.13	9.97	-1.84	1.59	53.02	0.58
Flumini_Mannu	7.9	S2	180.00	8.13	10.86	-2.73	1.93	63.37	0.51
Flumini_Mannu	7.9	S3	710.00	8.13	11.77	-3.64	4.60	70.82	0.99
Flumini_Mannu	7.3	S1	65.00	6.96	8.76	-1.80	1.59	43.35	0.44
Flumini_Mannu	7.3	S2	180.00	6.96	9.58	-2.62	2.42	55.08	0.57
Flumini_Mannu	7.3	S3	710.00	6.96	11.99	-5.03	1.54	674.16	0.24
Flumini_Mannu	7.2	S1	65.00	6.94	8.73	-1.79	1.63	42.92	0.46
Flumini_Mannu	7.2	S2	180.00	6.94	9.52	-2.58	2.50	54.28	0.59
Flumini_Mannu	7.2	S3	710.00	6.94	11.99	-5.05	1.54	674.11	0.24
Flumini_Mannu	7.1		Bridge						
Flumini_Mannu	7	S1	65.00	6.92	8.70	-1.78	1.66	42.57	0.47
Flumini_Mannu	7	S2	180.00	6.92	9.48	-2.56	2.56	53.65	0.61
Flumini_Mannu	7	S3	710.00	6.92	11.22	-4.30	3.07	598.14	0.54
Flumini_Mannu	6.9	S1	65.00	6.90	8.69	-1.79	1.67	42.34	0.47
Flumini_Mannu	6.9	S2	180.00	6.90	9.45	-2.55	2.61	53.21	0.63
Flumini_Mannu	6.9	S3	710.00	6.90	11.14	-4.24	3.32	583.37	0.59
Flumini_Mannu	6	S1	65.00	5.35	6.61	-1.26	2.49	41.38	1.00
Flumini_Mannu	6	S2	180.00	5.35	7.47	-2.12	2.81	45.67	0.76
Flumini_Mannu	6	S3	710.00	5.35	9.33	-3.98	4.04	182.17	0.74

HEC-RAS Plan: Sim_criticita River: Flumini_Mannu Reach: Flumini_Mannu (Continued)

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Diff	Vel Chnl (m/s)	Top Width (m)	Froude # Chl
Flumini_Mannu	5.3	S1	65.00	4.03	5.54	-1.51	1.27	41.20	0.36
Flumini_Mannu	5.3	S2	180.00	4.03	6.48	-2.45	1.95	46.45	0.44
Flumini_Mannu	5.3	S3	710.00	4.03	8.84	-4.81	2.41	186.98	0.38
Flumini_Mannu	5.2	S1	65.00	4.02	5.53	-1.51	1.27	41.10	0.36
Flumini_Mannu	5.2	S2	180.00	4.02	6.45	-2.43	1.96	46.31	0.44
Flumini_Mannu	5.2	S3	710.00	4.02	8.82	-4.80	2.42	186.89	0.38
Flumini_Mannu	5.1	Bridge							
Flumini_Mannu	5	S1	65.00	3.99	5.51	-1.52	1.22	41.35	0.34
Flumini_Mannu	5	S2	180.00	3.99	6.42	-2.43	1.93	46.28	0.43
Flumini_Mannu	5	S3	710.00	3.99	8.30	-4.31	3.04	184.01	0.50
Flumini_Mannu	4.9	S1	65.00	3.94	5.50	-1.56	1.20	41.32	0.34
Flumini_Mannu	4.9	S2	180.00	3.94	6.41	-2.47	1.92	46.23	0.43
Flumini_Mannu	4.9	S3	710.00	3.94	8.28	-4.34	3.05	183.92	0.51
Flumini_Mannu	4	S1	65.00	2.47	3.73	-1.26	2.67	33.33	1.00
Flumini_Mannu	4	S2	180.00	2.47	4.78	-2.31	2.69	45.65	0.71
Flumini_Mannu	4	S3	710.00	2.47	6.46	-3.99	4.02	184.00	0.75
Flumini_Mannu	3.3	S1	65.00	0.51	1.98	-1.47	1.15	42.63	0.32
Flumini_Mannu	3.3	S2	180.00	0.51	2.67	-2.16	2.06	46.15	0.48
Flumini_Mannu	3.3	S3	710.00	0.51	5.18	-4.67	2.67	183.96	0.42
Flumini_Mannu	3.2	S1	65.00	0.50	1.96	-1.46	1.16	42.58	0.32
Flumini_Mannu	3.2	S2	180.00	0.50	2.64	-2.14	2.09	46.01	0.49
Flumini_Mannu	3.2	S3	710.00	0.50	5.16	-4.66	2.69	183.87	0.42
Flumini_Mannu	3.1	Bridge							
Flumini_Mannu	3	S1	65.00	0.49	1.95	-1.46	1.15	42.62	0.32
Flumini_Mannu	3	S2	180.00	0.49	2.60	-2.11	2.11	45.85	0.49
Flumini_Mannu	3	S3	710.00	0.49	3.12	-2.63	6.45	48.46	1.37
Flumini_Mannu	2.9	S1	65.00	0.48	1.94	-1.46	1.15	42.61	0.32
Flumini_Mannu	2.9	S2	180.00	0.48	2.58	-2.10	2.12	45.79	0.50
Flumini_Mannu	2.9	S3	710.00	0.48	4.36	-3.88	3.86	179.89	0.67
Flumini_Mannu	2	S1	65.00	-1.13	1.82	-2.95	0.57	114.06	0.12
Flumini_Mannu	2	S2	180.00	-1.13	1.89	-3.02	1.51	177.51	0.31
Flumini_Mannu	2	S3	710.00	-1.13	2.96	-4.09	3.15	182.54	0.54
Flumini_Mannu	1	S1	85.00	-1.54	1.80	-3.34	0.25	277.36	0.05
Flumini_Mannu	1	S2	200.00	-1.54	1.80	-3.34	0.58	277.36	0.11
Flumini_Mannu	1	S3	720.00	-1.54	1.80	-3.34	2.09	277.36	0.39