

HEC-RAS Plan: plan5 River: Rio Mogoro Reach: Tratto Monte

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
Tratto Monte	23	S1	12.00	42.63	43.26	-0.63	2.42	10.50	1.13
Tratto Monte	23	S2	28.10	42.63	43.61	-0.98	3.09	13.31	1.19
Tratto Monte	23	S3	90.60	42.63	44.35	-1.72	4.35	18.07	1.29
Tratto Monte	22	S1	12.00	36.12	36.91	-0.79	0.70	23.37	0.26
Tratto Monte	22	S2	28.10	36.12	37.36	-1.24	1.00	25.38	0.30
Tratto Monte	22	S3	90.60	36.12	38.45	-2.33	1.55	45.53	0.35
Tratto Monte	21.9	S1	12.00	36.12	36.88	-0.76	0.73	23.23	0.28
Tratto Monte	21.9	S2	28.10	36.12	37.32	-1.20	1.04	25.20	0.32
Tratto Monte	21.9	S3	90.60	36.12	38.41	-2.29	1.57	43.01	0.36
Tratto Monte	21.8		Bridge						
Tratto Monte	21.7	S1	12.00	36.12	36.84	-0.72	0.78	23.03	0.31
Tratto Monte	21.7	S2	28.10	36.12	37.27	-1.15	1.09	24.97	0.34
Tratto Monte	21.7	S3	90.60	36.12	38.33	-2.21	1.64	40.43	0.39
Tratto Monte	21	S1	12.00	36.00	36.81	-0.81	0.70	22.46	0.26
Tratto Monte	21	S2	28.10	36.00	37.24	-1.24	1.04	23.85	0.31
Tratto Monte	21	S3	90.60	36.00	38.28	-2.28	1.68	39.20	0.38
Tratto Monte	20.9	S1	12.00	36.00	36.78	-0.78	0.73	22.36	0.27
Tratto Monte	20.9	S2	28.10	36.00	37.19	-1.19	1.08	23.72	0.33
Tratto Monte	20.9	S3	90.60	36.00	38.22	-2.22	1.73	38.72	0.40
Tratto Monte	20.8		Bridge						
Tratto Monte	20.7	S1	12.00	36.00	36.72	-0.72	0.79	22.17	0.31
Tratto Monte	20.7	S2	28.10	36.00	37.12	-1.12	1.16	23.47	0.36
Tratto Monte	20.7	S3	90.60	36.00	38.12	-2.12	1.83	27.27	0.43
Tratto Monte	20	S1	12.00	35.93	36.68	-0.75	0.79	21.65	0.30
Tratto Monte	20	S2	28.10	35.93	37.07	-1.14	1.18	23.19	0.37
Tratto Monte	20	S3	90.60	35.93	38.06	-2.13	1.86	27.54	0.45
Tratto Monte	19.9	S1	12.00	35.93	36.63	-0.70	0.85	21.46	0.33
Tratto Monte	19.9	S2	28.10	35.93	37.00	-1.07	1.27	22.92	0.41
Tratto Monte	19.9	S3	90.60	35.93	37.97	-2.04	1.96	27.05	0.48
Tratto Monte	19.8		Bridge						
Tratto Monte	19.7	S1	12.00	35.93	36.56	-0.63	0.96	21.15	0.40
Tratto Monte	19.7	S2	28.10	35.93	36.89	-0.96	1.43	22.47	0.49
Tratto Monte	19.7	S3	90.60	35.93	37.83	-1.90	2.13	26.27	0.53
Tratto Monte	19.6	S1	12.00	35.93	36.27	-0.34	1.81	20.01	1.00
Tratto Monte	19.6	S2	28.10	35.93	36.60	-0.67	2.11	21.31	0.85
Tratto Monte	19.6	S3	90.60	35.93	37.66	-1.73	2.36	25.58	0.62
Tratto Monte	19	S1	12.00	31.54	32.95	-1.41	1.09	10.24	0.34
Tratto Monte	19	S2	28.10	31.54	33.61	-2.07	1.51	12.81	0.40
Tratto Monte	19	S3	90.60	31.54	34.96	-3.42	2.25	21.25	0.51
Tratto Monte	18.9	S1	12.00	31.54	32.89	-1.35	1.15	10.05	0.36
Tratto Monte	18.9	S2	28.10	31.54	33.54	-2.00	1.59	12.47	0.43
Tratto Monte	18.9	S3	90.60	31.54	34.83	-3.29	2.41	19.35	0.55
Tratto Monte	18.8		Bridge						
Tratto Monte	18.7	S1	12.00	31.54	32.82	-1.28	1.23	9.81	0.40
Tratto Monte	18.7	S2	28.10	31.54	33.44	-1.90	1.71	12.04	0.47
Tratto Monte	18.7	S3	90.60	31.54	34.64	-3.10	2.65	17.94	0.61
Tratto Monte	18.6	S1	12.00	31.54	32.73	-1.19	1.36	9.52	0.45
Tratto Monte	18.6	S2	28.10	31.54	33.31	-1.77	1.88	11.48	0.52
Tratto Monte	18.6	S3	90.60	31.54	34.35	-2.81	3.10	16.05	0.73

HEC-RAS Plan: plan5 River: Rio Mogoro Reach: Tratto Monte (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
Tratto Monte	18	S1	12.00	29.11	29.90	-0.79	0.94	22.65	0.40
Tratto Monte	18	S2	28.10	29.11	30.31	-1.20	1.25	25.25	0.42
Tratto Monte	18	S3	90.60	29.11	31.44	-2.33	1.71	30.83	0.40
Tratto Monte	17.9		Bridge						
Tratto Monte	17.8	S1	12.00	29.11	29.84	-0.73	1.05	22.04	0.47
Tratto Monte	17.8	S2	28.10	29.11	30.25	-1.14	1.33	25.09	0.46
Tratto Monte	17.8	S3	90.60	29.11	31.38	-2.27	1.77	29.81	0.42
Tratto Monte	17.7		Bridge						
Tratto Monte	17.6	S1	12.00	29.11	29.70	-0.59	1.45	20.55	0.73
Tratto Monte	17.6	S2	28.10	29.11	30.16	-1.05	1.49	24.84	0.55
Tratto Monte	17.6	S3	90.60	29.11	31.31	-2.20	1.84	28.51	0.44
Tratto Monte	17	S1	12.00	26.04	27.04	-1.00	0.69	19.08	0.23
Tratto Monte	17	S2	28.10	26.04	27.58	-1.54	1.01	19.82	0.27
Tratto Monte	17	S3	90.60	26.04	28.75	-2.71	1.72	27.68	0.35
Tratto Monte	16	S1	15.30	25.71	26.67	-0.96	2.22	13.68	1.00
Tratto Monte	16	S2	35.30	25.71	27.07	-1.36	2.77	16.63	1.01
Tratto Monte	16	S3	113.90	25.71	28.04	-2.33	3.63	36.46	0.90
Tratto Monte	15	S1	15.30	23.00	23.82	-0.82	0.73	28.98	0.27
Tratto Monte	15	S2	35.30	23.00	24.34	-1.34	0.97	30.12	0.28
Tratto Monte	15	S3	113.90	23.00	25.77	-2.77	1.38	34.51	0.29
Tratto Monte	14.9	S1	15.30	23.00	23.80	-0.80	0.79	28.93	0.30
Tratto Monte	14.9	S2	35.30	23.00	24.31	-1.31	1.07	30.07	0.31
Tratto Monte	14.9	S3	113.90	23.00	25.72	-2.72	1.60	34.32	0.31
Tratto Monte	14.8		Bridge						
Tratto Monte	14.7	S1	15.30	23.00	23.76	-0.76	0.83	28.85	0.32
Tratto Monte	14.7	S2	35.30	23.00	24.27	-1.27	1.10	29.99	0.32
Tratto Monte	14.7	S3	113.90	23.00	25.68	-2.68	1.63	34.17	0.32
Tratto Monte	14.6	S1	15.30	23.00	23.71	-0.71	0.85	28.75	0.34
Tratto Monte	14.6	S2	35.30	23.00	24.24	-1.24	1.05	29.92	0.32
Tratto Monte	14.6	S3	113.90	23.00	25.68	-2.68	1.44	34.15	0.30
Tratto Monte	14	S1	15.30	21.20	22.37	-1.17	1.16	13.38	0.37
Tratto Monte	14	S2	35.30	21.20	23.01	-1.81	1.57	15.33	0.42
Tratto Monte	14	S3	113.90	21.20	24.48	-3.28	2.36	29.01	0.47
Tratto Monte	13.9	S1	15.30	21.20	22.33	-1.13	1.21	13.27	0.39
Tratto Monte	13.9	S2	35.30	21.20	22.97	-1.77	1.62	15.21	0.43
Tratto Monte	13.9	S3	113.90	21.20	24.43	-3.23	2.41	27.01	0.49
Tratto Monte	13.8		Bridge						
Tratto Monte	13.7	S1	15.30	21.20	22.28	-1.08	1.27	13.12	0.42
Tratto Monte	13.7	S2	35.30	21.20	22.92	-1.72	1.68	15.04	0.46
Tratto Monte	13.7	S3	113.90	21.20	24.36	-3.16	2.49	24.33	0.51
Tratto Monte	13.6	S1	15.30	21.20	22.25	-1.05	1.32	13.02	0.45
Tratto Monte	13.6	S2	35.30	21.20	22.88	-1.68	1.73	14.94	0.47
Tratto Monte	13.6	S3	113.90	21.20	24.32	-3.12	2.53	22.76	0.52
Tratto Monte	13	S1	15.30	21.14	22.22	-1.08	1.24	13.57	0.41
Tratto Monte	13	S2	35.30	21.14	22.86	-1.72	1.64	15.36	0.44
Tratto Monte	13	S3	113.90	21.14	24.29	-3.15	2.45	25.22	0.50
Tratto Monte	12.8		Bridge						
Tratto Monte	12.6	S1	15.30	21.14	22.18	-1.04	1.30	13.45	0.44
Tratto Monte	12.6	S2	35.30	21.14	22.81	-1.67	1.70	15.22	0.46

HEC-RAS Plan: plan5 River: Rio Mogoro Reach: Tratto Monte (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
Tratto Monte	12.6	S3	113.90	21.14	24.21	-3.07	2.54	22.84	0.52
Tratto Monte	12	S1	15.30	17.30	18.50	-1.20	1.14	13.44	0.36
Tratto Monte	12	S2	35.30	17.30	19.22	-1.92	1.49	14.85	0.38
Tratto Monte	12	S3	113.90	17.30	20.85	-3.55	2.11	36.33	0.38
Tratto Monte	11.9	S1	15.30	17.30	18.47	-1.17	1.18	13.37	0.38
Tratto Monte	11.9	S2	35.30	17.30	19.19	-1.89	1.52	14.78	0.39
Tratto Monte	11.9	S3	113.90	17.30	20.79	-3.49	2.23	36.10	0.41
Tratto Monte	11.8		Bridge						
Tratto Monte	11.7	S1	15.30	17.30	18.40	-1.10	1.26	13.24	0.42
Tratto Monte	11.7	S2	35.30	17.30	19.11	-1.81	1.60	14.63	0.42
Tratto Monte	11.7	S3	113.90	17.30	20.71	-3.41	2.22	35.82	0.41
Tratto Monte	11.6	S1	15.30	17.30	18.28	-0.98	1.44	13.02	0.51
Tratto Monte	11.6	S2	35.30	17.30	19.02	-1.72	1.70	14.46	0.45
Tratto Monte	11.6	S3	113.90	17.30	20.62	-3.32	2.35	35.46	0.44
Tratto Monte	11	S1	15.30	14.12	15.29	-1.17	0.80	23.94	0.29
Tratto Monte	11	S2	35.30	14.12	15.68	-1.56	1.21	26.92	0.37
Tratto Monte	11	S3	113.90	14.12	16.45	-2.33	2.23	38.78	0.55
Tratto Monte	10	S1	15.30	12.04	13.03	-0.99	2.23	19.82	0.81
Tratto Monte	10	S2	35.30	12.04	13.50	-1.46	2.31	23.05	0.66
Tratto Monte	10	S3	113.90	12.04	14.97	-2.93	2.43	28.51	0.47
Tratto Monte	9	S1	19.30	11.14	12.83	-1.69	1.66	20.48	0.46
Tratto Monte	9	S2	45.00	11.14	13.44	-2.30	2.07	22.51	0.48
Tratto Monte	9	S3	145.00	11.14	14.79	-3.65	2.95	26.94	0.52
Tratto Monte	8	S1	19.30	10.25	11.82	-1.57	1.64	13.42	0.47
Tratto Monte	8	S2	45.00	10.25	12.45	-2.20	2.15	22.02	0.50
Tratto Monte	8	S3	145.00	10.25	13.72	-3.47	3.16	26.04	0.57
Tratto Monte	7.9	S1	19.30	10.25	11.78	-1.53	1.70	11.66	0.50
Tratto Monte	7.9	S2	45.00	10.25	12.40	-2.15	2.24	21.85	0.53
Tratto Monte	7.9	S3	145.00	10.25	13.59	-3.34	3.39	25.62	0.63
Tratto Monte	7.8		Bridge						
Tratto Monte	7.7	S1	19.30	10.25	11.74	-1.49	1.77	9.77	0.53
Tratto Monte	7.7	S2	45.00	10.25	12.34	-2.09	2.37	21.65	0.57
Tratto Monte	7.7	S3	145.00	10.25	13.46	-3.21	3.60	25.22	0.68
Tratto Monte	7.6	S1	19.30	10.25	11.68	-1.43	1.86	9.39	0.56
Tratto Monte	7.6	S2	45.00	10.25	12.21	-1.96	2.67	21.24	0.67
Tratto Monte	7.6	S3	145.00	10.25	13.42	-3.17	3.66	25.11	0.69
Tratto Monte	7	S1	19.30	8.78	10.23	-1.45	1.81	9.48	0.55
Tratto Monte	7	S2	45.00	8.78	10.98	-2.20	2.12	22.84	0.50
Tratto Monte	7	S3	145.00	8.78	12.25	-3.47	3.08	27.33	0.56
Tratto Monte	6.9	S1	19.30	8.78	10.17	-1.39	1.92	9.29	0.59
Tratto Monte	6.9	S2	45.00	8.78	10.92	-2.14	2.23	22.64	0.53
Tratto Monte	6.9	S3	145.00	8.78	12.06	-3.28	3.47	26.66	0.65
Tratto Monte	6.8		Bridge						
Tratto Monte	6.7	S1	19.30	8.78	10.09	-1.31	2.08	9.04	0.66
Tratto Monte	6.7	S2	45.00	8.78	10.86	-2.08	2.37	22.40	0.58
Tratto Monte	6.7	S3	145.00	8.78	11.91	-3.13	3.74	26.13	0.72
Tratto Monte	6.6	S1	19.30	8.78	9.83	-1.05	2.73	8.29	0.94
Tratto Monte	6.6	S2	45.00	8.78	10.60	-1.82	3.01	21.50	0.79
Tratto Monte	6.6	S3	145.00	8.78	11.90	-3.12	3.67	26.10	0.70

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Diff	Vel Chnl	Top Width	Froude # Chl
			(m3/s)	(m)	(m)		(m/s)	(m)	
Tratto Monte	6	S1	19.30	7.71	9.24	-1.53	1.23	12.66	0.35
Tratto Monte	6	S2	45.00	7.71	9.92	-2.21	1.70	21.94	0.39
Tratto Monte	6	S3	145.00	7.71	11.43	-3.72	2.55	26.47	0.44
Tratto Monte	5.9	S1	19.30	7.71	9.22	-1.51	1.25	12.28	0.35
Tratto Monte	5.9	S2	45.00	7.71	9.89	-2.18	1.76	21.85	0.40
Tratto Monte	5.9	S3	145.00	7.71	11.29	-3.58	2.88	26.05	0.50
Tratto Monte	5.8		Bridge						
Tratto Monte	5.7	S1	19.30	7.71	9.16	-1.45	1.31	12.05	0.38
Tratto Monte	5.7	S2	45.00	7.71	9.81	-2.10	1.86	21.61	0.44
Tratto Monte	5.7	S3	145.00	7.71	11.11	-3.40	3.09	25.51	0.55
Tratto Monte	5.6	S1	19.30	7.71	9.14	-1.43	1.34	12.00	0.39
Tratto Monte	5.6	S2	45.00	7.71	9.79	-2.08	1.87	21.54	0.44
Tratto Monte	5.6	S3	145.00	7.71	11.15	-3.44	2.85	25.62	0.51
Tratto Monte	5	S1	19.30	6.64	8.18	-1.54	1.67	13.72	0.48
Tratto Monte	5	S2	45.00	6.64	8.83	-2.19	2.14	22.27	0.50
Tratto Monte	5	S3	145.00	6.64	10.13	-3.49	3.10	26.72	0.56
Tratto Monte	4.9	S1	19.30	6.64	8.14	-1.50	1.74	12.14	0.51
Tratto Monte	4.9	S2	45.00	6.64	8.78	-2.14	2.23	22.09	0.53
Tratto Monte	4.9	S3	145.00	6.64	10.06	-3.42	3.16	26.48	0.57
Tratto Monte	4.8		Bridge						
Tratto Monte	4.7	S1	19.30	6.64	8.09	-1.45	1.82	10.89	0.54
Tratto Monte	4.7	S2	45.00	6.64	8.73	-2.09	2.34	21.90	0.56
Tratto Monte	4.7	S3	145.00	6.64	9.99	-3.35	3.26	26.23	0.60
Tratto Monte	4.6	S1	19.30	6.64	8.03	-1.39	1.93	9.68	0.59
Tratto Monte	4.6	S2	45.00	6.64	8.62	-1.98	2.57	21.54	0.64
Tratto Monte	4.6	S3	145.00	6.64	9.91	-3.27	3.43	25.99	0.64
Tratto Monte	4	S1	19.30	5.23	6.91	-1.68	1.53	19.53	0.42
Tratto Monte	4	S2	45.00	5.23	7.52	-2.29	2.01	22.29	0.46
Tratto Monte	4	S3	145.00	5.23	8.80	-3.57	3.02	26.93	0.54
Tratto Monte	3.9	S1	19.30	5.23	6.88	-1.65	1.58	18.71	0.44
Tratto Monte	3.9	S2	45.00	5.23	7.48	-2.25	2.09	22.13	0.49
Tratto Monte	3.9	S3	145.00	5.23	8.63	-3.40	3.36	26.31	0.61
Tratto Monte	3.8		Bridge						
Tratto Monte	3.7	S1	19.30	5.23	6.84	-1.61	1.63	17.84	0.46
Tratto Monte	3.7	S2	45.00	5.23	7.44	-2.21	2.16	21.99	0.51
Tratto Monte	3.7	S3	145.00	5.23	8.57	-3.34	3.46	26.08	0.64
Tratto Monte	3.6	S1	19.30	5.23	6.80	-1.57	1.69	15.27	0.49
Tratto Monte	3.6	S2	45.00	5.23	7.40	-2.17	2.23	21.84	0.53

HEC-RAS Plan: plan5 River: Rio Mogoro Reach: Tratto Monte (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
Tratto Monte	1.7	S1	19.30	1.97	3.71	-1.74	1.43	20.92	0.39
Tratto Monte	1.7	S2	45.00	1.97	4.31	-2.34	1.91	22.89	0.43
Tratto Monte	1.7	S3	145.00	1.97	5.60	-3.63	2.97	27.15	0.52
Tratto Monte	1.6	S1	19.30	1.97	3.68	-1.71	1.47	20.83	0.40
Tratto Monte	1.6	S2	45.00	1.97	4.28	-2.31	1.93	22.82	0.44
Tratto Monte	1.6	S3	145.00	1.97	5.62	-3.65	2.85	27.22	0.50
Tratto Monte	1	S1	19.30	0.18	1.86	-1.68	2.37	21.00	0.70
Tratto Monte	1	S2	45.00	0.18	2.27	-2.09	3.08	22.23	0.79
Tratto Monte	1	S3	145.00	0.18	3.16	-2.98	4.50	24.91	0.92