

Reach	River Sta	Profile	E.G. Elev (m)	W.S. Elev (m)	Vel Head (m)	Frctn Loss (m)	C & E Loss (m)	Q Left (m3/s)	Q Channel (m3/s)	Q Right (m3/s)	Top Width (m)
tevere	55	q20	345.17	344.84	0.33	0.21	0.02		372.54		84.87
tevere	55	q30	345.32	344.96	0.36	0.21	0.02		415.28		85.24
tevere	55	q200	346.08	345.55	0.53	0.21	0.03		666.08		87.16
tevere	55	q500	346.17	345.63	0.55	0.21	0.03		700.00		87.39
tevere	54	q20	344.95	344.67	0.27	0.20	0.01		372.54		93.39
tevere	54	q30	345.09	344.79	0.30	0.20	0.01		415.28		93.85
tevere	54	q200	345.84	345.41	0.42	0.20	0.01		666.08		96.24
tevere	54	q500	345.93	345.49	0.44	0.21	0.01		700.00		96.53
tevere	53	q20	344.74	344.42	0.32	0.21	0.03		372.54		87.66
tevere	53	q30	344.88	344.53	0.35	0.21	0.03		415.28		87.96
tevere	53	q200	345.62	345.10	0.52	0.22	0.05		666.08		89.51
tevere	53	q500	345.71	345.17	0.54	0.23	0.05		700.00		90.83
tevere	52	q20	344.50	344.27	0.23	0.28	0.03		372.54		102.92
tevere	52	q30	344.64	344.39	0.25	0.28	0.03		415.28		103.57
tevere	52	q200	345.35	345.00	0.35	0.28	0.05		666.08		111.04
tevere	52	q500	345.43	345.06	0.37	0.29	0.05		700.00		112.71
tevere	51	q20	344.20	344.07	0.13	0.47	0.02		372.54		131.46
tevere	51	q30	344.33	344.19	0.14	0.47	0.02		415.28		131.80
tevere	51	q200	345.02	344.82	0.20	0.51	0.02		666.08		133.56
tevere	51	q500	345.09	344.88	0.21	0.52	0.02		700.00		133.74
tevere	50	q20	343.71	343.40	0.31	0.58	0.01		372.54		103.95
tevere	50	q30	343.84	343.51	0.33	0.61	0.01		415.28		107.38
tevere	50	q200	344.48	344.04	0.44	0.72	0.01		666.08		141.81
tevere	50	q500	344.54	344.09	0.46	0.72	0.02		700.00		143.52
tevere	49	q20	343.11	342.84	0.28	0.69	0.01		372.54		129.81
tevere	49	q30	343.22	342.91	0.30	0.68	0.02		415.28		137.24
tevere	49	q200	343.75	343.36	0.39	0.55	0.05		666.08		175.21
tevere	49	q500	343.81	343.41	0.40	0.52	0.06		700.00		175.70
tevere	48	q20	342.41	342.18	0.23	0.28	0.04		372.54		179.00
tevere	48	q30	342.52	342.28	0.24	0.25	0.04		415.28		180.61
tevere	48	q200	343.15	342.93	0.22	0.17	0.04		666.08		222.96
tevere	48	q500	343.23	343.02	0.21	0.16	0.03		700.00		224.39
tevere	47	q20	342.09	342.01	0.09	0.33	0.06		372.54		219.02
tevere	47	q30	342.22	342.13	0.09	0.31	0.06		415.28		220.68
tevere	47	q200	342.94	342.84	0.10	0.23	0.09		666.08		229.44
tevere	47	q500	343.04	342.93	0.10	0.22	0.09		700.00		230.12
tevere	46	q20	341.70	341.05	0.65	0.32	0.05		372.54		80.12
tevere	46	q30	341.85	341.16	0.69	0.33	0.05		415.28		80.13
tevere	46	q200	342.63	341.67	0.96	0.35	0.04		666.08		80.17
tevere	46	q500	342.72	341.74	0.99	0.36	0.03		700.00		80.17
tevere	45	q20	340.29	336.61	3.68	1.11	0.30		372.54		77.68
tevere	45	q30	340.48	336.66	3.82	1.06	0.31		415.28		77.69
tevere	45	q200	341.37	336.97	4.40	0.92	0.34		666.08		77.69
tevere	45	q500	341.48	337.01	4.47	0.90	0.35		700.00		77.69
tevere	44	q20	336.89	336.53	0.35	0.67	0.06		372.54		146.68
tevere	44	q30	336.98	336.59	0.39	0.67	0.07		415.28		147.26
tevere	44	q200	337.49	336.90	0.58	0.71	0.11		666.08		155.74
tevere	44	q500	337.55	336.94	0.61	0.72	0.11		700.00		156.73
tevere	43	q20	336.15	336.02	0.14	0.38	0.01		372.54		220.18
tevere	43	q30	336.24	336.09	0.15	0.35	0.01		415.28		220.71
tevere	43	q200	336.66	336.45	0.22	0.30	0.00		666.08		223.14
tevere	43	q500	336.72	336.49	0.23	0.29	0.00		700.00		223.45
tevere	42	q20	335.77	335.51	0.26	1.57	0.02		372.54		189.39
tevere	42	q30	335.88	335.65	0.23	1.56	0.01		415.28		216.88
tevere	42	q200	336.37	336.13	0.24	1.50	0.00		666.08		237.73
tevere	42	q500	336.42	336.18	0.25	1.49	0.00		700.00		238.15
tevere	41	q20	334.18	334.00	0.18	0.39	0.01		372.54		124.27

Reach	River Sta	Profile	E.G. Elev (m)	W.S. Elev (m)	Vel Head (m)	Frctn Loss (m)	C & E Loss (m)	Q Left (m3/s)	Q Channel (m3/s)	Q Right (m3/s)	Top Width (m)
tevere	41	q30	334.30	334.10	0.20	0.40	0.01		415.28		129.95
tevere	41	q200	334.87	334.59	0.28	0.45	0.01		666.08		164.38
tevere	41	q500	334.93	334.64	0.29	0.45	0.01		700.00		166.96
tevere	40	q20	333.78	333.52	0.26	1.22	0.00		372.54		154.00
tevere	40	q30	333.89	333.62	0.27	1.21	0.01		415.28		158.49
tevere	40	q200	334.41	334.04	0.37	1.20	0.01		666.08		160.40
tevere	40	q500	334.48	334.10	0.38	1.20	0.01		700.00		160.56
tevere	39	q20	332.57	332.28	0.30	0.77	0.00		372.54		133.38
tevere	39	q30	332.68	332.35	0.32	0.78	0.00		415.28		134.54
tevere	39	q200	333.21	332.72	0.49	0.79	0.01		666.08		140.70
tevere	39	q500	333.27	332.76	0.51	0.78	0.02		700.00		141.54
tevere	38	q20	331.80	331.49	0.32	0.72	0.03		372.54		155.13
tevere	38	q30	331.90	331.55	0.34	0.70	0.03		415.28		156.01
tevere	38	q200	332.41	331.96	0.44	0.65	0.05		666.08		168.59
tevere	38	q500	332.47	332.02	0.45	0.65	0.05		700.00		169.05
tevere	37	q20	331.05	330.83	0.22	1.06	0.00		372.54		164.62
tevere	37	q30	331.16	330.92	0.24	1.04	0.00		415.28		165.94
tevere	37	q200	331.70	331.42	0.28	1.02	0.01		666.08		203.00
tevere	37	q500	331.77	331.49	0.28	1.02	0.01		700.00		213.95
tevere	36	q20	329.99	329.72	0.27	1.49	0.00		372.54		127.68
tevere	36	q30	330.11	329.82	0.28	1.50	0.00		415.28		131.83
tevere	36	q200	330.68	330.34	0.34	1.49	0.01		666.08		168.98
tevere	36	q500	330.75	330.40	0.35	1.48	0.01		700.00		170.02
tevere	35	q20	328.50	328.21	0.29	1.25	0.01		372.54		130.17
tevere	35	q30	328.61	328.29	0.32	1.24	0.01		415.28		131.13
tevere	35	q200	329.18	328.74	0.44	1.23	0.01		666.08		136.35
tevere	35	q500	329.25	328.80	0.46	1.24	0.01		700.00		138.58
tevere	34	q20	327.25	326.99	0.26	1.92	0.01		372.54		130.70
tevere	34	q30	327.36	327.08	0.28	1.91	0.01		415.28		131.08
tevere	34	q200	327.93	327.52	0.41	1.91	0.01		666.08		132.17
tevere	34	q500	328.00	327.57	0.43	1.90	0.01		700.00		132.85
tevere	33	q20	325.33	324.99	0.33	1.25	0.02		372.54		118.12
tevere	33	q30	325.45	325.10	0.35	1.26	0.02		415.28		124.39
tevere	33	q200	326.03	325.56	0.47	1.27	0.02		666.08		136.54
tevere	33	q500	326.10	325.62	0.48	1.26	0.02		700.00		137.55
tevere	32	q20	324.06	323.81	0.25	0.95	0.01		372.54		127.81
tevere	32	q30	324.17	323.89	0.28	0.95	0.01		415.28		128.14
tevere	32	q200	324.75	324.34	0.41	0.94	0.01		666.08		128.89
tevere	32	q500	324.82	324.40	0.42	0.94	0.01		700.00		128.99
tevere	31	q20	323.10	322.77	0.33	1.81	0.03		372.54		124.54
tevere	31	q30	323.22	322.86	0.35	1.82	0.03		415.28		125.04
tevere	31	q200	323.80	323.31	0.49	1.86	0.04		666.08		127.35
tevere	31	q500	323.87	323.36	0.51	1.86	0.04		700.00		127.44
tevere	30	q20	321.26	321.03	0.22	1.86	0.02		372.54		134.37
tevere	30	q30	321.36	321.11	0.25	1.87	0.02		415.28		134.45
tevere	30	q200	321.91	321.54	0.37	1.89	0.03		666.08		134.85
tevere	30	q500	321.98	321.59	0.39	1.89	0.03		700.00		134.90
tevere	29	q20	319.38	318.91	0.46	1.63	0.09		372.54		134.59
tevere	29	q30	319.48	318.99	0.49	1.60	0.09		415.28		139.48
tevere	29	q200	320.00	319.37	0.64	1.51	0.11		666.08		148.46
tevere	29	q500	320.07	319.41	0.66	1.50	0.12		700.00		148.52
tevere	28	q20	317.60	317.43	0.17	1.29	0.02		372.54		154.76
tevere	28	q30	317.71	317.53	0.18	1.30	0.02		415.28		154.86
tevere	28	q200	318.29	318.03	0.26	1.32	0.04		666.08		157.34
tevere	28	q500	318.35	318.09	0.27	1.32	0.04		700.00		157.34
tevere	27	q20	316.30	315.95	0.35	1.91	0.03		372.54		132.87
tevere	27	q30	316.40	316.00	0.39	1.88	0.04		415.28		133.02

Reach	River Sta	Profile	E.G. Elev (m)	W.S. Elev (m)	Vel Head (m)	Frctn Loss (m)	C & E Loss (m)	Q Left (m3/s)	Q Channel (m3/s)	Q Right (m3/s)	Top Width (m)
tevere	27	q200	316.94	316.32	0.61	1.75	0.08		666.08		133.89
tevere	27	q500	317.00	316.36	0.64	1.74	0.08		700.00		134.00
tevere	26	q20	314.36	314.10	0.26	0.73	0.04		372.54		136.90
tevere	26	q30	314.48	314.21	0.27	0.73	0.04		415.28		137.12
tevere	26	q200	315.10	314.76	0.35	0.76	0.04		666.08		138.24
tevere	26	q500	315.18	314.82	0.36	0.77	0.04		700.00		138.37
tevere	25	q20	313.59	313.47	0.12	0.55	0.03		372.54		130.25
tevere	25	q30	313.71	313.57	0.14	0.57	0.03		415.28		130.41
tevere	25	q200	314.31	314.09	0.22	0.63	0.04		666.08		131.21
tevere	25	q500	314.37	314.14	0.23	0.67	0.02		700.00		131.30
tevere	24	q20	313.01	312.57	0.44	0.02	0.09		372.54		143.61
tevere	24	q30	313.11	312.63	0.48	0.02	0.10		415.28		143.63
tevere	24	q200	313.63	312.98	0.65	0.02	0.14		666.08		144.06
tevere	24	q500	313.69	313.25	0.44	0.02	0.08		700.00		272.30
tevere	23	q20	312.43	312.29	0.15	0.25	0.01		372.54		143.53
tevere	23	q30	312.58	312.42	0.16	0.25	0.01		415.28		143.54
tevere	23	q200	313.38	313.20	0.18	0.30	0.00		666.08		240.81
tevere	23	q500	313.49	313.33	0.16	0.32	0.00		700.00		313.62
tevere	22	q20	312.18	312.07	0.11	0.75	0.04		372.54		107.53
tevere	22	q30	312.32	312.20	0.12	0.76	0.05		415.28		107.88
tevere	22	q200	313.07	312.88	0.19	0.86	0.06		666.08		111.97
tevere	22	q500	313.16	312.96	0.20	0.87	0.06		700.00		112.29
tevere	21	q20	311.39	310.85	0.54	0.04	0.07		372.54		105.68
tevere	21	q30	311.51	310.93	0.58	0.04	0.07		415.28		105.88
tevere	21	q200	312.15	311.36	0.80	0.02	0.15		666.08		106.65
tevere	21	q500	312.23	311.42	0.81	0.02	0.15		700.00		106.87
tevere	20	q20	311.15	309.51	1.64	0.13	0.11		372.54		104.78
tevere	20	q30	311.27	309.57	1.70	0.13	0.11		415.28		104.90
tevere	20	q200	311.77	311.46	0.31	0.39	0.04		666.08		107.12
tevere	20	q500	311.91	311.60	0.30	0.36	0.04		700.00		109.22
tevere	19	q20	309.94	309.79	0.15	0.78	0.03		372.54		104.69
tevere	19	q30	310.09	309.92	0.16	0.69	0.02		415.28		105.54
tevere	19	q200	311.34	311.18	0.16	0.31	0.02		666.08		135.51
tevere	19	q500	311.50	311.34	0.16	0.26	0.02		700.00		136.94
tevere	18	q20	309.14	308.74	0.40	0.01	0.08		372.54		91.04
tevere	18	q30	309.38	309.04	0.34	0.01	0.06		415.28		91.11
tevere	18	q200	311.01	310.91	0.10	0.00	0.01		666.08		248.71
tevere	18	q500	311.22	311.13	0.09	0.00	0.01		700.00		252.37
tevere	17	q20	309.05	308.91	0.14	0.09	0.00		372.54		91.01
tevere	17	q30	309.31	309.17	0.14	0.08	0.00		415.28		91.06
tevere	17	q200	311.00	310.93	0.07	0.05	0.00		666.08		261.81
tevere	17	q500	311.21	311.15	0.06	0.04	0.00		700.00		264.92
tevere	16	q20	308.96	308.83	0.13	0.41	0.07		372.54		82.63
tevere	16	q30	309.23	309.10	0.14	0.40	0.09		415.28		82.68
tevere	16	q200	310.94	310.88	0.06	0.32	0.25		666.08		272.08
tevere	16	q500	311.16	311.11	0.05	0.27	0.26	0.01	699.99		274.81
tevere	15	q20	308.48	307.62	0.86	0.04	0.04	1.87	370.67		18.24
tevere	15	q30	308.75	307.72	1.03	0.05	0.04	2.13	413.15		18.24
tevere	15	q200	310.37	307.77	2.60	0.13	0.13	3.45	662.63		18.24
tevere	15	q500	310.63	307.93	2.70	0.14	0.07	3.76	696.24		18.24
tevere	13	q20	308.40	307.66	0.74	0.54	0.16		372.54		18.23
tevere	13	q30	308.65	307.76	0.89	0.57	0.20		415.28		18.23
tevere	13	q200	310.14	306.86	3.28	0.17	0.07		666.08		18.23
tevere	13	q500	310.40	307.02	3.38	0.17	0.07		700.00		18.23
tevere	12	q20	307.71	307.49	0.22	0.00	0.00		372.54		86.30
tevere	12	q30	307.88	307.65	0.24	0.00	0.00		415.28		88.76
tevere	12	q200	308.67	308.34	0.34	0.00	0.00		666.08		102.56

HEC-RAS Plan: Plan 03 River: tevere Reach: tevere (Continued)

Reach	River Sta	Profile	E.G. Elev (m)	W.S. Elev (m)	Vel Head (m)	Frctn Loss (m)	C & E Loss (m)	Q Left (m3/s)	Q Channel (m3/s)	Q Right (m3/s)	Top Width (m)
tevere	12	q500	308.76	308.41	0.35	0.00	0.00		700.00		103.19
tevere	11		Bridge								
tevere	10	q20	307.67	307.46	0.21	0.06	0.02		372.54		99.95
tevere	10	q30	307.84	307.61	0.22	0.06	0.02		415.28		101.16
tevere	10	q200	308.61	308.31	0.31	0.07	0.03		666.08		108.99
tevere	10	q500	308.70	308.37	0.32	0.07	0.03		700.00		109.00
tevere	9	q20	307.59	307.45	0.15	0.28	0.01		372.54		89.82
tevere	9	q30	307.76	307.60	0.16	0.30	0.01		415.28		93.85
tevere	9	q200	308.52	308.29	0.22	0.40	0.01		666.08		131.26
tevere	9	q500	308.60	308.37	0.23	0.40	0.01		700.00		131.45
tevere	8	q20	307.30	307.18	0.12	0.44	0.00		372.54		113.65
tevere	8	q30	307.45	307.32	0.13	0.46	0.00		415.28		120.83
tevere	8	q200	308.11	307.91	0.20	0.57	0.01		666.08		136.42
tevere	8	q500	308.19	307.98	0.21	0.57	0.01		700.00		136.69
tevere	7	q20	306.86	306.69	0.17	1.35	0.00		372.54		130.43
tevere	7	q30	306.98	306.80	0.18	1.35	0.00		415.28		132.03
tevere	7	q200	307.54	307.25	0.29	1.51	0.02		666.08		135.11
tevere	7	q500	307.60	307.30	0.30	1.51	0.02		700.00		135.30
tevere	6	q20	305.51	305.33	0.18	1.31	0.00		372.54		131.59
tevere	6	q30	305.63	305.44	0.19	1.34	0.00		415.28		132.75
tevere	6	q200	306.01	305.78	0.23	0.97	0.02		577.18	88.90	204.96
tevere	6	q500	306.08	305.84	0.23	0.96	0.02		603.06	96.94	205.51
tevere	5	q20	304.19	304.00	0.20	2.29	0.01		372.54		121.90
tevere	5	q30	304.30	304.07	0.22	2.25	0.02		415.28		122.76
tevere	5	q200	305.03	304.85	0.18	2.74	0.04	92.93	566.95	6.20	160.32
tevere	5	q500	305.10	304.91	0.18	2.75	0.05	97.14	595.89	6.97	160.32
tevere	4	q20	301.89	301.73	0.16	1.25	0.00		372.54		153.14
tevere	4	q30	302.03	301.87	0.17	1.38	0.00		415.28		153.79
tevere	4	q200	302.24	301.62	0.62	0.43	0.18		666.08		152.63
tevere	4	q500	302.30	301.66	0.65	0.40	0.18		700.00		152.82
tevere	3	q20	300.64	300.49	0.15	0.65	0.03	21.57	350.97		129.45
tevere	3	q30	300.65	300.46	0.19	0.20	0.05	23.33	391.95		129.34
tevere	3	q200	301.34	301.31	0.03	0.23	0.15	25.64	234.40	406.04	308.51
tevere	3	q500	301.49	301.46	0.03	0.22	0.16	28.56	246.33	425.11	308.51
tevere	2	q20	299.95	299.49	0.46	2.51	0.08	0.91	371.63		47.74
tevere	2	q30	300.24	299.75	0.49	2.50	0.09	4.00	411.28		48.77
tevere	2	q200	300.96	299.42	1.54	2.47	0.36	0.71	665.37		47.45
tevere	2	q500	301.12	299.52	1.60	2.54	0.38	2.07	697.93		47.83
tevere	1	q20	297.36	296.08	1.28				372.54		29.05
tevere	1	q30	297.65	296.28	1.37				415.28		29.58
tevere	1	q200	298.13	297.80	0.33			4.21	409.95	251.92	524.80
tevere	1	q500	298.16	297.82	0.35	2.58	0.38	4.55	425.14	270.31	524.80