



COMUNE DI
CAPRAIA E LIMITE

*Studio idrologico e idraulico di supporto al
Piano Operativo Comunale del
Comune di Capraia e Limite*

CODICE:

A.01

ELABORATO:

Tabulati risultati verifiche idrauliche

SCALA

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Systems**

West Systems s.r.l.

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Sistema qualità certificato da:



UNI EN ISO 9001:2015 - Qualità - n.14779

OHSAS 18001:2007 - Sicurezza sui Luoghi di Lavoro - n.14796

UNI EN ISO 14001:2015 - Ambiente - n.19450

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1 PREMESSA

Il presente documento costituisce i tabulati delle verifiche idrauliche a supporto dello studio idrologico-idraulico di supporto al Piano Operativo del Comune di Capraia e Limite.

I risultati sono suddivisi per modello.

Si ricorda che ai fini della stabilità numerica della modellazione idraulica e del contenimento dei tempi di calcolo è stato necessario suddividere il reticolo idrografico di studio in 5 differenti sottosistemi.

Questi sono così composti:

- modello 1: contenente il Rio Morticini;
- modello 2: contenente il Rio Botricello, il Rio Pescaione e il Rio Ratto;
- modello 3: contenente il Rio Granchiaia e il Borro della Badia;
- modello 4: contenente il Borro di Forraccia e il Borro dei Diavoli;
- modello 5: contenente il Rio Olmo, il Rio Guidi e il Rio dei Tassi.

Sono riportati i risultati per i due tempi di ritorno analizzati, pari a 30 e 200 anni, ciascuno per le durate di 0.3, 0.5, 1, 1.5, 2, 3, 4 e 5 ore.

2 TABULATI VERIFICHE IDRAULICHE MODELLO 1

2.1 RIO MORTICI

2.1.1 TEMPO DI RITORNO 30 ANNI

River	Reach	River Sta		Plan	Length Chnl	Q Total	Min Ch El	W.S. Elev	Vel Total	Froude # XS	E.G. Elev	Area	Hydr Radius
					(m)	(m3/s)	(m)	(m)	(m/s)		(m)	(m2)	(m)
Morticelli	Morticelli	70	MO0001_	TR030_0030H	13.89	8.00	37.04	38.54	1.48	0.62	38.66	5.39	0.53
Morticelli	Morticelli	70	MO0001_	TR030_0050H	13.89	10.19	37.04	38.69	1.48	0.63	38.80	6.87	0.51
Morticelli	Morticelli	70	MO0001_	TR030_0100H	13.89	16.52	37.04	38.86	1.84	0.69	39.03	9.00	0.65
Morticelli	Morticelli	70	MO0001_	TR030_0150H	13.89	18.22	37.04	38.90	1.93	0.70	39.09	9.43	0.68
Morticelli	Morticelli	70	MO0001_	TR030_0200H	13.89	17.70	37.04	38.88	1.90	0.70	39.07	9.30	0.67
Morticelli	Morticelli	70	MO0001_	TR030_0300H	13.89	17.35	37.04	38.88	1.88	0.70	39.06	9.21	0.66
Morticelli	Morticelli	70	MO0001_	TR030_0400H	13.89	16.10	37.04	38.85	1.81	0.68	39.02	8.91	0.64
Morticelli	Morticelli	70	MO0001_	TR030_0500H	13.89	14.55	37.04	38.82	1.71	0.66	38.97	8.52	0.62
Morticelli	Morticelli	69	MO0002_	TR030_0030H	14.96	8.00	36.45	37.88	1.78	0.58	38.04	4.49	0.78
Morticelli	Morticelli	69	MO0002_	TR030_0050H	14.96	10.18	36.45	38.02	1.98	0.62	38.22	5.15	0.81
Morticelli	Morticelli	69	MO0002_	TR030_0100H	14.96	13.75	36.45	38.21	2.21	0.70	38.46	6.22	0.81
Morticelli	Morticelli	69	MO0002_	TR030_0150H	14.96	14.44	36.45	38.25	2.24	0.71	38.50	6.45	0.81
Morticelli	Morticelli	69	MO0002_	TR030_0200H	14.96	14.24	36.45	38.24	2.23	0.71	38.49	6.38	0.81
Morticelli	Morticelli	69	MO0002_	TR030_0300H	14.96	14.13	36.45	38.23	2.23	0.71	38.48	6.34	0.81
Morticelli	Morticelli	69	MO0002_	TR030_0400H	14.96	13.68	36.45	38.20	2.21	0.70	38.45	6.18	0.81
Morticelli	Morticelli	69	MO0002_	TR030_0500H	14.96	13.06	36.45	38.17	2.19	0.69	38.41	5.97	0.81
Morticelli	Morticelli	68	MO0003_	TR030_0030H	14.34	6.98	35.60	37.21	1.66	0.62	37.35	4.20	0.58
Morticelli	Morticelli	68	MO0003_	TR030_0050H	14.34	8.05	35.60	37.25	1.80	0.65	37.42	4.47	0.61
Morticelli	Morticelli	68	MO0003_	TR030_0100H	14.34	9.42	35.60	37.33	1.92	0.66	37.52	4.91	0.66
Morticelli	Morticelli	68	MO0003_	TR030_0150H	14.34	9.68	35.60	37.35	1.92	0.65	37.54	5.03	0.67
Morticelli	Morticelli	68	MO0003_	TR030_0200H	14.34	9.61	35.60	37.35	1.92	0.65	37.54	5.00	0.67
Morticelli	Morticelli	68	MO0003_	TR030_0300H	14.34	9.50	35.60	37.35	1.89	0.64	37.53	5.02	0.67
Morticelli	Morticelli	68	MO0003_	TR030_0400H	14.34	9.30	35.60	37.34	1.87	0.64	37.52	4.97	0.66
Morticelli	Morticelli	68	MO0003_	TR030_0500H	14.34	9.06	35.60	37.33	1.86	0.64	37.50	4.87	0.65
Morticelli	Morticelli	67	MO0004_A	TR030_0030H	5.50	6.51	35.13	36.66	2.13	0.69	36.89	3.06	0.65
Morticelli	Morticelli	67	MO0004_A	TR030_0050H	5.50	7.18	35.13	36.75	2.16	0.68	36.98	3.32	0.68
Morticelli	Morticelli	67	MO0004_A	TR030_0100H	5.50	8.50	35.13	36.94	1.97	0.75	37.14	4.31	0.53
Morticelli	Morticelli	67	MO0004_A	TR030_0150H	5.50	8.79	35.13	36.96	1.97	0.74	37.16	4.46	0.54
Morticelli	Morticelli	67	MO0004_A	TR030_0200H	5.50	8.74	35.13	36.96	1.97	0.74	37.16	4.43	0.54
Morticelli	Morticelli	67	MO0004_A	TR030_0300H	5.50	8.72	35.13	36.96	1.97	0.74	37.16	4.43	0.54
Morticelli	Morticelli	67	MO0004_A	TR030_0400H	5.50	8.58	35.13	36.95	1.97	0.75	37.14	4.36	0.54
Morticelli	Morticelli	67	MO0004_A	TR030_0500H	5.50	8.34	35.13	36.93	1.97	0.76	37.13	4.24	0.52
Morticelli	Morticelli	66.1		TR030_0030H	1.50	6.64	35.08	36.65	0.93	0.28	36.69	7.15	0.93
Morticelli	Morticelli	66.1		TR030_0050H	1.50	7.43	35.08	36.74	0.96	0.28	36.78	7.72	0.97
Morticelli	Morticelli	66.1		TR030_0100H	1.50	8.99	35.08	36.89	1.03	0.29	36.94	8.75	1.04
Morticelli	Morticelli	66.1		TR030_0150H	1.50	9.36	35.08	36.92	1.04	0.29	36.98	8.97	1.05
Morticelli	Morticelli	66.1		TR030_0200H	1.50	9.29	35.08	36.92	1.04	0.29	36.97	8.94	1.05
Morticelli	Morticelli	66.1		TR030_0300H	1.50	9.27	35.08	36.92	1.04	0.29	36.97	8.93	1.05
Morticelli	Morticelli	66.1		TR030_0400H	1.50	9.10	35.08	36.90	1.03	0.29	36.96	8.84	1.04
Morticelli	Morticelli	66.1		TR030_0500H	1.50	8.80	35.08	36.88	1.02	0.29	36.93	8.67	1.03
Morticelli	Morticelli	64.9		TR030_0030H	2.00	6.64	35.08	36.59	0.98	0.30	36.64	6.77	0.90
Morticelli	Morticelli	64.9		TR030_0050H	2.00	7.43	35.08	36.66	1.02	0.31	36.72	7.26	0.94
Morticelli	Morticelli	64.9		TR030_0100H	2.00	8.99	35.08	36.79	1.11	0.32	36.85	8.08	0.99
Morticelli	Morticelli	64.9		TR030_0150H	2.00	9.36	35.08	36.81	1.14	0.33	36.88	8.23	1.00
Morticelli	Morticelli	64.9		TR030_0200H	2.00	9.29	35.08	36.81	1.13	0.33	36.88	8.21	1.00
Morticelli	Morticelli	64.9		TR030_0300H	2.00	9.27	35.08	36.81	1.13	0.33	36.88	8.21	1.00
Morticelli	Morticelli	64.9		TR030_0400H	2.00	9.10	35.08	36.80	1.12	0.32	36.86	8.15	1.00
Morticelli	Morticelli	64.9		TR030_0500H	2.00	8.80	35.08	36.78	1.10	0.32	36.84	8.02	0.99
Morticelli	Morticelli	64	MO0006_D	TR030_0030H	13.78	6.64	34.93	36.49	1.81	0.60	36.66	3.67	0.70
Morticelli	Morticelli	64	MO0006_D	TR030_0050H	13.78	7.43	34.93	36.57	1.87	0.61	36.75	3.97	0.73
Morticelli	Morticelli	64	MO0006_D	TR030_0100H	13.78	8.99	34.93	36.69	2.00	0.64	36.89	4.49	0.77
Morticelli	Morticelli	64	MO0006_D	TR030_0150H	13.78	9.36	34.93	36.71	2.04	0.64	36.92	4.59	0.78
Morticelli	Morticelli	64	MO0006_D	TR030_0200H	13.78	9.29	34.93	36.71	2.03	0.64	36.92	4.57	0.78
Morticelli	Morticelli	64	MO0006_D	TR030_0300H	13.78	9.27	34.93	36.71	2.03	0.64	36.92	4.58	0.78
Morticelli	Morticelli	64	MO0006_D	TR030_0400H	13.78	9.10	34.93	36.70	2.01	0.63	36.91	4.53	0.77
Morticelli	Morticelli	64	MO0006_D	TR030_0500H	13.78	8.80	34.93	36.68	1.98	0.63	36.88	4.45	0.77
Morticelli	Morticelli	63	MO0007_	TR030_0030H	13.87	6.47	34.60	35.98	1.86	0.63	36.16	3.49	0.68
Morticelli	Morticelli	63	MO0007_	TR030_0050H	13.87	7.18	34.60	36.04	1.93	0.64	36.23	3.71	0.71
Morticelli	Morticelli	63	MO0007_	TR030_0100H	13.87	8.20	34.60	36.16	1.97	0.61	36.35	4.17	0.77
Morticelli	Morticelli	63	MO0007_	TR030_0150H	13.87	8.27	34.60	36.19	1.91	0.59	36.38	4.32	0.78
Morticelli	Morticelli	63	MO0007_	TR030_0200H	13.87	7.58	34.60	36.22	1.72	0.52	36.37	4.41	0.79
Morticelli	Morticelli	63	MO0007_	TR030_0300H	13.87	7.35	34.60	36.27	1.59	0.47	36.40	4.63	0.82
Morticelli	Morticelli	63	MO0007_	TR030_0400H	13.87	6.90	34.60	36.30	1.46	0.43	36.40	4.73	0.83
Morticelli	Morticelli	63	MO0007_	TR030_0500H	13.87	6.84	34.60	36.28	1.47	0.43	36.39	4.65	0.82
Morticelli	Morticelli	62	MO0008_	TR030_0030H	14.11	7.85	33.89	35.51	1.30	0.43	35.59	6.04	0.78
Morticelli	Morticelli	62	MO0008_	TR030_0050H	14.11	8.84	33.89	35.56	1.38	0.44	35.66	6.39	0.81
Morticelli	Morticelli	62	MO0008_	TR030_0100H	14.11	10.98	33.89	35.65	1.58	0.48	35.78	6.95	0.86
Morticelli	Morticelli	62	MO0008_	TR030_0150H	14.11	11.51	33.89	35.68	1.61	0.49	35.81	7.13	0.88
Morticelli	Morticelli	62	MO0008_	TR030_0200H	14.11	11.55	33.89	35.68	1.62	0.49	35.81	7.13	0.88
Morticelli	Morticelli	62	MO0008_	TR030_0300H	14.11	11.78	33.89	35.69	1.63	0.49	35.83	7.22	0.89
Morticelli	Morticelli												

River	Reach	River Sta		Plan	Length Chnl	Q Total	Min Ch El	W.S. Elev	Vel Total	Froude # XS	E.G. Elev	Area	Hydr Radius
					(m)	(m3/s)	(m)	(m)	(m/s)		(m)	(m2)	(m)
Morticelli	Morticelli	61	MO0009_	TR030_0500H	14.50	8.36	33.46	35.37	1.79	0.50	35.53	4.66	0.82
Morticelli	Morticelli	60	MO0010_	TR030_0030H	14.53	7.41	33.20	34.69	1.86	0.62	34.86	3.98	0.73
Morticelli	Morticelli	60	MO0010_	TR030_0050H	14.53	7.85	33.20	34.80	1.75	0.56	34.96	4.49	0.78
Morticelli	Morticelli	60	MO0010_	TR030_0100H	14.53	8.30	33.20	35.01	1.52	0.45	35.13	5.44	0.87
Morticelli	Morticelli	60	MO0010_	TR030_0150H	14.53	8.31	33.20	35.07	1.46	0.42	35.18	5.71	0.90
Morticelli	Morticelli	60	MO0010_	TR030_0200H	14.53	8.32	33.20	35.07	1.45	0.41	35.18	5.73	0.90
Morticelli	Morticelli	60	MO0010_	TR030_0300H	14.53	8.49	33.20	35.09	1.46	0.41	35.20	5.82	0.91
Morticelli	Morticelli	60	MO0010_	TR030_0400H	14.53	8.43	33.20	35.10	1.44	0.41	35.20	5.84	0.91
Morticelli	Morticelli	60	MO0010_	TR030_0500H	14.53	8.03	33.20	35.09	1.39	0.39	35.19	5.80	0.91
Morticelli	Morticelli	59	MO0011_	TR030_0030H	12.84	7.21	32.60	34.06	1.75	0.59	34.22	4.13	0.72
Morticelli	Morticelli	59	MO0011_	TR030_0050H	12.84	7.55	32.60	34.17	1.62	0.53	34.31	4.65	0.78
Morticelli	Morticelli	59	MO0011_	TR030_0100H	12.84	8.75	32.60	34.43	1.47	0.44	34.54	5.95	0.89
Morticelli	Morticelli	59	MO0011_	TR030_0150H	12.84	9.29	32.60	34.54	1.42	0.41	34.65	6.52	0.93
Morticelli	Morticelli	59	MO0011_	TR030_0200H	12.84	9.35	32.60	34.56	1.42	0.41	34.66	6.59	0.94
Morticelli	Morticelli	59	MO0011_	TR030_0300H	12.84	9.61	32.60	34.62	1.39	0.39	34.71	6.92	0.96
Morticelli	Morticelli	59	MO0011_	TR030_0400H	12.84	9.63	32.60	34.62	1.38	0.39	34.72	6.96	0.96
Morticelli	Morticelli	59	MO0011_	TR030_0500H	12.84	9.43	32.60	34.58	1.41	0.40	34.68	6.71	0.95
Morticelli	Morticelli	58	MO0012_A	TR030_0030H	4.85	7.98	32.16	33.57	1.98	0.68	33.77	4.04	0.71
Morticelli	Morticelli	58	MO0012_A	TR030_0050H	4.85	9.64	32.16	33.70	2.06	0.68	33.92	4.68	0.77
Morticelli	Morticelli	58	MO0012_A	TR030_0100H	4.85	14.89	32.16	33.97	2.43	0.74	34.27	6.14	0.89
Morticelli	Morticelli	58	MO0012_A	TR030_0150H	4.85	17.27	32.16	34.08	2.57	0.76	34.41	6.73	0.94
Morticelli	Morticelli	58	MO0012_A	TR030_0200H	4.85	17.56	32.16	34.09	2.58	0.76	34.43	6.80	0.94
Morticelli	Morticelli	58	MO0012_A	TR030_0300H	4.85	18.86	32.16	34.15	2.64	0.76	34.51	7.13	0.97
Morticelli	Morticelli	58	MO0012_A	TR030_0400H	4.85	19.00	32.16	34.16	2.65	0.76	34.51	7.18	0.97
Morticelli	Morticelli	58	MO0012_A	TR030_0500H	4.85	18.00	32.16	34.11	2.60	0.76	34.46	6.93	0.95
Morticelli	Morticelli	57.1		TR030_0030H	1.50	7.97	31.93	33.57	1.23	0.31	33.65	6.48	0.90
Morticelli	Morticelli	57.1		TR030_0050H	1.50	9.62	31.93	33.70	1.38	0.33	33.80	7.00	0.93
Morticelli	Morticelli	57.1		TR030_0100H	1.50	14.89	31.93	33.94	1.87	0.42	34.12	7.95	1.00
Morticelli	Morticelli	57.1		TR030_0150H	1.50	17.27	31.93	34.03	2.07	0.46	34.25	8.32	1.02
Morticelli	Morticelli	57.1		TR030_0200H	1.50	17.56	31.93	34.05	2.10	0.46	34.27	8.37	1.02
Morticelli	Morticelli	57.1		TR030_0300H	1.50	18.86	31.93	34.10	2.20	0.48	34.35	8.59	1.04
Morticelli	Morticelli	57.1		TR030_0400H	1.50	19.00	31.93	34.11	2.20	0.48	34.36	8.62	1.04
Morticelli	Morticelli	57.1		TR030_0500H	1.50	18.00	31.93	34.07	2.13	0.46	34.30	8.46	1.03
Morticelli	Morticelli	55.9		TR030_0030H	4.80	7.97	31.93	33.53	1.26	0.32	33.61	6.34	0.89
Morticelli	Morticelli	55.9		TR030_0050H	4.80	9.62	31.93	33.66	1.41	0.34	33.76	6.82	0.92
Morticelli	Morticelli	55.9		TR030_0100H	4.80	14.88	31.93	33.85	1.96	0.45	34.04	7.58	0.97
Morticelli	Morticelli	55.9		TR030_0150H	4.80	17.26	31.93	33.91	2.21	0.50	34.16	7.82	0.99
Morticelli	Morticelli	55.9		TR030_0200H	4.80	17.56	31.93	33.92	2.24	0.51	34.17	7.85	0.99
Morticelli	Morticelli	55.9		TR030_0300H	4.80	18.86	31.93	33.95	2.36	0.53	34.23	7.98	1.00
Morticelli	Morticelli	55.9		TR030_0400H	4.80	19.00	31.93	33.96	2.37	0.53	34.24	8.01	1.00
Morticelli	Morticelli	55.9		TR030_0500H	4.80	18.00	31.93	33.93	2.27	0.51	34.20	7.92	1.00
Morticelli	Morticelli	55	MO0014_D	TR030_0030H	14.48	7.97	31.90	33.49	1.50	0.47	33.60	5.31	0.83
Morticelli	Morticelli	55	MO0014_D	TR030_0050H	14.48	9.61	31.90	33.61	1.61	0.49	33.74	5.96	0.89
Morticelli	Morticelli	55	MO0014_D	TR030_0100H	14.48	14.88	31.90	33.80	2.14	0.61	34.03	6.97	0.97
Morticelli	Morticelli	55	MO0014_D	TR030_0150H	14.48	17.26	31.90	33.86	2.37	0.66	34.14	7.30	1.00
Morticelli	Morticelli	55	MO0014_D	TR030_0200H	14.48	17.56	31.90	33.86	2.39	0.67	34.16	7.34	1.00
Morticelli	Morticelli	55	MO0014_D	TR030_0300H	14.48	18.86	31.90	33.90	2.50	0.69	34.22	7.54	1.02
Morticelli	Morticelli	55	MO0014_D	TR030_0400H	14.48	19.00	31.90	33.91	2.51	0.69	34.23	7.58	1.02
Morticelli	Morticelli	55	MO0014_D	TR030_0500H	14.48	18.00	31.90	33.88	2.42	0.67	34.18	7.45	1.01
Morticelli	Morticelli	54	MO0015_	TR030_0030H	13.41	7.38	31.55	33.22	1.37	0.42	33.32	5.38	0.85
Morticelli	Morticelli	54	MO0015_	TR030_0050H	13.41	7.79	31.55	33.38	1.26	0.37	33.46	6.19	0.91
Morticelli	Morticelli	54	MO0015_	TR030_0100H	13.41	9.76	31.55	33.55	1.38	0.38	33.65	7.10	0.98
Morticelli	Morticelli	54	MO0015_	TR030_0150H	13.41	10.71	31.55	33.60	1.46	0.40	33.70	7.33	0.99
Morticelli	Morticelli	54	MO0015_	TR030_0200H	13.41	10.84	31.55	33.60	1.47	0.41	33.71	7.37	1.00
Morticelli	Morticelli	54	MO0015_	TR030_0300H	13.41	9.46	31.55	33.67	1.22	0.33	33.75	7.75	1.02
Morticelli	Morticelli	54	MO0015_	TR030_0400H	13.41	9.15	31.55	33.71	1.15	0.31	33.78	7.96	1.04
Morticelli	Morticelli	54	MO0015_	TR030_0500H	13.41	9.35	31.55	33.71	1.18	0.32	33.78	7.95	1.04
Morticelli	Morticelli	53	MO0016_	TR030_0030H	13.91	8.18	31.20	32.81	1.57	0.50	32.94	5.21	0.82
Morticelli	Morticelli	53	MO0016_	TR030_0050H	13.91	9.62	31.20	32.92	1.67	0.52	33.06	5.78	0.86
Morticelli	Morticelli	53	MO0016_	TR030_0100H	13.91	11.38	31.20	33.16	1.59	0.46	33.29	7.14	0.97
Morticelli	Morticelli	53	MO0016_	TR030_0150H	13.91	12.16	31.20	33.21	1.63	0.46	33.35	7.45	0.99
Morticelli	Morticelli	53	MO0016_	TR030_0200H	13.91	12.21	31.20	33.22	1.63	0.46	33.35	7.47	1.00
Morticelli	Morticelli	53	MO0016_	TR030_0300H	13.91	10.48	31.20	33.33	1.29	0.35	33.41	8.14	1.04
Morticelli	Morticelli	53	MO0016_	TR030_0400H	13.91	9.80	31.20	33.42	1.13	0.30	33.48	8.66	1.08
Morticelli	Morticelli	53	MO0016_	TR030_0500H	13.91	9.62	31.20	33.44	1.09	0.29	33.50	8.83	1.09
Morticelli	Morticelli	52	MO0017_	TR030_0030H	12.70	8.17	30.66	32.54	1.24	0.37	32.62	6.60	0.92
Morticelli	Morticelli	52	MO0017_	TR030_0050H	12.70	8.62	30.66	32.67	1.17	0.34	32.74	7.36	0.98
Morticelli	Morticelli	52	MO0017_	TR030_0100H	12.70	8.50	30.66	32.88	0.98	0.27	32.93	8.68	1.07
Morticelli	Morticelli	52	MO0017_	TR030_0150H	12.70	7.62	30.66	33.03	0.75	0.24	33.06	10.14	0.84
Morticelli	Morticelli	52	MO0017_	TR030_0200H	12.70	7.45	30.66	33.11	0.68	0.21	33.13	10.89	0.89
Morticelli	Morticelli	52	MO0017_	TR030_0300H	12.70	7.23	30.66	33.28	0.57	0.16	33.29	12.58	1.00
Morticelli	Morticelli	52	MO0017_	TR030_0400H	12.70	7.06	30.66	33.38	0.52	0.14	33.39	13.62	1.07
Morticelli	Morticelli	52	MO0017_	TR030_0500H	12.70	6.96	30.66	33.41	0.50	0.14	33.43	13.94	1.09
Morticelli	Morticelli	51	MO0018_	TR030_0030H	13.28	7.65	30.32	32.46	0.95	0.27	32.50	8.05	1.01
Morticelli	Morticelli	51	MO0018_	TR030_0050H	13.28	8.02	30.32	32.60	0.89	0.25	32.64	9.01	1.07
Morticelli	Morticelli	51	MO0018_	TR030_0100H	13.28	7.97	30.32	32.85	0.75	0.19	32.87	10.67	1.19
Morticelli	Morticelli	51	MO0018_	TR030_0150H	13.28	7.15	30.32	33.01	0.61	0.15	33.03	11.81	1.27
Morticelli	Morticelli	51	MO0018_	TR030_0200H	13.28	6.62	30.32	33.10	0.53	0.13	33.11	12.38	1.31

River	Reach	River Sta	Plan	Length Chnl (m)	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Vel Total (m/s)	Froude # XS	E.G. Elev (m)	Area (m2)	Hydr Radius (m)
Morticelli	Morticelli	51 MO0018_	TR030_0300H	13.28	5.51	30.32	33.27	0.41	0.09	33.28	13.60	1.39
Morticelli	Morticelli	51 MO0018	TR030_0400H	13.28	4.55	30.32	33.38	0.32	0.07	33.39	14.34	1.43
Morticelli	Morticelli	51 MO0018_	TR030_0500H	13.28	4.23	30.32	33.42	0.29	0.06	33.42	14.56	1.44
Morticelli	Morticelli	50 MO0019	TR030_0030H	9.13	7.53	30.15	31.70	0.98	0.25	31.75	7.71	0.96
Morticelli	Morticelli	50 MO0019_	TR030_0050H	9.13	8.52	30.15	31.79	1.05	0.26	31.84	8.13	0.99
Morticelli	Morticelli	50 MO0019	TR030_0100H	9.13	10.65	30.15	31.94	1.20	0.29	32.01	8.88	1.04
Morticelli	Morticelli	50 MO0019_	TR030_0150H	9.13	12.12	30.15	32.03	1.30	0.30	32.12	9.35	1.07
Morticelli	Morticelli	50 MO0019	TR030_0200H	9.13	12.93	30.15	32.08	1.35	0.31	32.17	9.57	1.09
Morticelli	Morticelli	50 MO0019_	TR030_0300H	9.13	14.76	30.15	32.15	1.48	0.34	32.26	9.95	1.11
Morticelli	Morticelli	50 MO0019	TR030_0400H	9.13	14.75	30.15	32.20	1.45	0.32	32.30	10.18	1.13
Morticelli	Morticelli	50 MO0019_	TR030_0500H	9.13	15.38	30.15	32.23	1.49	0.33	32.35	10.36	1.14
Morticelli	Morticelli	49 MO0020	TR030_0030H	14.23	7.53	30.04	31.68	1.02	0.32	31.73	7.39	0.92
Morticelli	Morticelli	49 MO0020_	TR030_0050H	14.23	8.52	30.04	31.76	1.06	0.33	31.82	8.00	0.96
Morticelli	Morticelli	49 MO0020	TR030_0100H	14.23	10.50	30.04	31.90	1.16	0.34	31.97	9.06	1.02
Morticelli	Morticelli	49 MO0020_	TR030_0150H	14.23	11.99	30.04	32.00	1.22	0.39	32.07	9.82	0.90
Morticelli	Morticelli	49 MO0020	TR030_0200H	14.23	12.80	30.04	32.04	1.24	0.42	32.12	10.32	0.80
Morticelli	Morticelli	49 MO0020_	TR030_0300H	14.23	14.75	30.04	32.13	1.30	0.42	32.21	11.35	0.86
Morticelli	Morticelli	49 MO0020	TR030_0400H	14.23	12.53	30.04	32.17	1.05	0.34	32.23	11.92	0.89
Morticelli	Morticelli	49 MO0020_	TR030_0500H	14.23	13.86	30.04	32.21	1.12	0.35	32.28	12.36	0.92
Morticelli	Morticelli	48 MO0021	TR030_0030H	14.34	7.75	29.92	31.40	1.18	0.49	31.47	6.58	0.55
Morticelli	Morticelli	48 MO0021_	TR030_0050H	14.34	8.75	29.92	31.48	1.16	0.46	31.55	7.52	0.62
Morticelli	Morticelli	48 MO0021	TR030_0100H	14.34	10.58	29.92	31.62	1.16	0.42	31.69	9.09	0.72
Morticelli	Morticelli	48 MO0021_	TR030_0150H	14.34	11.96	29.92	31.71	1.18	0.41	31.78	10.13	0.79
Morticelli	Morticelli	48 MO0021	TR030_0200H	14.34	12.61	29.92	31.75	1.20	0.40	31.82	10.53	0.81
Morticelli	Morticelli	48 MO0021_	TR030_0300H	14.34	13.64	29.92	31.83	1.19	0.39	31.90	11.48	0.87
Morticelli	Morticelli	48 MO0021	TR030_0400H	14.34	14.33	29.92	31.86	1.21	0.39	31.93	11.87	0.89
Morticelli	Morticelli	48 MO0021_	TR030_0500H	14.34	14.64	29.92	31.87	1.22	0.39	31.95	12.02	0.90
Morticelli	Morticelli	47 MO0022	TR030_0030H	13.31	7.75	29.75	31.06	1.32	0.47	31.15	5.86	0.75
Morticelli	Morticelli	47 MO0022_	TR030_0050H	13.31	8.75	29.75	31.14	1.36	0.47	31.23	6.43	0.79
Morticelli	Morticelli	47 MO0022	TR030_0100H	13.31	10.70	29.75	31.27	1.44	0.47	31.37	7.45	0.87
Morticelli	Morticelli	47 MO0022_	TR030_0150H	13.31	12.11	29.75	31.36	1.49	0.47	31.47	8.13	0.92
Morticelli	Morticelli	47 MO0022	TR030_0200H	13.31	12.72	29.75	31.39	1.51	0.47	31.51	8.42	0.94
Morticelli	Morticelli	47 MO0022_	TR030_0300H	13.31	14.33	29.75	31.48	1.57	0.47	31.61	9.16	0.99
Morticelli	Morticelli	47 MO0022	TR030_0400H	13.31	15.22	29.75	31.52	1.60	0.48	31.65	9.49	1.02
Morticelli	Morticelli	47 MO0022_	TR030_0500H	13.31	15.55	29.75	31.54	1.62	0.48	31.67	9.60	1.02
Morticelli	Morticelli	46 MO0023	TR030_0030H	13.66	7.75	29.36	30.73	1.40	0.49	30.83	5.54	0.76
Morticelli	Morticelli	46 MO0023_	TR030_0050H	13.66	8.75	29.36	30.81	1.45	0.49	30.91	6.05	0.80
Morticelli	Morticelli	46 MO0023	TR030_0100H	13.66	10.70	29.36	30.94	1.53	0.50	31.06	7.01	0.86
Morticelli	Morticelli	46 MO0023_	TR030_0150H	13.66	12.12	29.36	31.03	1.57	0.50	31.16	7.71	0.90
Morticelli	Morticelli	46 MO0023	TR030_0200H	13.66	12.72	29.36	31.07	1.59	0.50	31.20	8.00	0.92
Morticelli	Morticelli	46 MO0023_	TR030_0300H	13.66	14.27	29.36	31.17	1.62	0.50	31.31	8.80	0.98
Morticelli	Morticelli	46 MO0023	TR030_0400H	13.66	15.13	29.36	31.20	1.68	0.51	31.34	9.02	0.99
Morticelli	Morticelli	46 MO0023_	TR030_0500H	13.66	15.44	29.36	31.21	1.70	0.51	31.35	9.09	1.00
Morticelli	Morticelli	45 MO0024	TR030_0030H	14.22	7.75	29.12	30.37	1.41	0.51	30.47	5.48	0.73
Morticelli	Morticelli	45 MO0024_	TR030_0050H	14.22	8.75	29.12	30.45	1.45	0.50	30.55	6.06	0.77
Morticelli	Morticelli	45 MO0024	TR030_0100H	14.22	10.69	29.12	30.60	1.49	0.50	30.71	7.16	0.85
Morticelli	Morticelli	45 MO0024_	TR030_0150H	14.22	12.12	29.12	30.70	1.52	0.49	30.82	7.99	0.90
Morticelli	Morticelli	45 MO0024	TR030_0200H	14.22	12.72	29.12	30.74	1.52	0.48	30.86	8.34	0.92
Morticelli	Morticelli	45 MO0024_	TR030_0300H	14.22	13.96	29.12	30.85	1.51	0.50	30.96	9.25	0.87
Morticelli	Morticelli	45 MO0024	TR030_0400H	14.22	14.38	29.12	30.89	1.48	0.51	31.00	9.69	0.82
Morticelli	Morticelli	45 MO0024_	TR030_0500H	14.22	13.84	29.12	30.91	1.40	0.47	31.01	9.91	0.83
Morticelli	Morticelli	44 MO0025_A	TR030_0030H	6.44	7.80	28.71	30.08	1.58	0.55	30.21	4.93	0.75
Morticelli	Morticelli	44 MO0025_A	TR030_0050H	6.44	8.81	28.71	30.17	1.61	0.55	30.30	5.46	0.79
Morticelli	Morticelli	44 MO0025_A	TR030_0100H	6.44	10.75	28.71	30.34	1.65	0.53	30.48	6.53	0.86
Morticelli	Morticelli	44 MO0025_A	TR030_0150H	6.44	12.18	28.71	30.46	1.66	0.52	30.60	7.33	0.92
Morticelli	Morticelli	44 MO0025_A	TR030_0200H	6.44	12.79	28.71	30.50	1.66	0.51	30.65	7.68	0.94
Morticelli	Morticelli	44 MO0025_A	TR030_0300H	6.44	14.03	28.71	30.60	1.67	0.50	30.75	8.41	0.98
Morticelli	Morticelli	44 MO0025_A	TR030_0400H	6.44	14.44	28.71	30.64	1.67	0.50	30.78	8.65	1.00
Morticelli	Morticelli	44 MO0025_A	TR030_0500H	6.44	14.59	28.71	30.65	1.67	0.50	30.79	8.75	1.00
Morticelli	Morticelli	43.1	TR030_0030H	1.50	7.80	28.78	30.06	1.57	0.44	30.18	4.98	0.77
Morticelli	Morticelli	43.1	TR030_0050H	1.50	8.81	28.78	30.14	1.67	0.46	30.28	5.29	0.80
Morticelli	Morticelli	43.1	TR030_0100H	1.50	10.75	28.78	30.28	1.84	0.48	30.45	5.85	0.85
Morticelli	Morticelli	43.1	TR030_0150H	1.50	12.18	28.78	30.38	1.95	0.49	30.57	6.23	0.88
Morticelli	Morticelli	43.1	TR030_0200H	1.50	12.79	28.78	30.42	2.00	0.50	30.62	6.39	0.89
Morticelli	Morticelli	43.1	TR030_0300H	1.50	14.03	28.78	30.50	2.09	0.51	30.72	6.71	0.91
Morticelli	Morticelli	43.1	TR030_0400H	1.50	14.44	28.78	30.53	2.12	0.51	30.76	6.82	0.92
Morticelli	Morticelli	43.1	TR030_0500H	1.50	14.59	28.78	30.54	2.13	0.51	30.77	6.86	0.93
Morticelli	Morticelli	41.9	TR030_0030H	8.05	7.80	28.78	29.98	1.66	0.48	30.12	4.69	0.74
Morticelli	Morticelli	41.9	TR030_0050H	8.05	8.81	28.78	30.05	1.78	0.50	30.21	4.96	0.77
Morticelli	Morticelli	41.9	TR030_0100H	8.05	10.75	28.78	30.17	1.98	0.54	30.37	5.43	0.81
Morticelli	Morticelli	41.9	TR030_0150H	8.05	12.18	28.78	30.26	2.12	0.56	30.49	5.76	0.84
Morticelli	Morticelli	41.9	TR030_0200H	8.05	12.79	28.78	30.29	2.17	0.56	30.53	5.89	0.85
Morticelli	Morticelli	41.9	TR030_0300H	8.05	14.03	28.78	30.36	2.28	0.58	30.62	6.15	0.87
Morticelli	Morticelli	41.9	TR030_0400H	8.05	14.44	28.78	30.38	2.32	0.58	30.65	6.24	0.88
Morticelli	Morticelli	41.9	TR030_0500H	8.05	14.59	28.78	30.39	2.33	0.59	30.66	6.27	0.88
Morticelli	Morticelli	41 MO0027_D	TR030_0030H	14.49	7.80	28.69	29.98	1.32	0.47	30.07	5.89	0.75
Morticelli	Morticelli	41 MO0027_D	TR030_0050H	14.49	8.81	28.69	30.06	1.37	0.47	30.15	6.43	0.79
Morticelli	Morticelli	41 MO0027_D	TR030_0100H	14.49	10.75	28.69	30.19	1.45	0.48	30.29	7.42	0.86

River	Reach	River Sta		Plan	Length Chnl	Q Total	Min Ch El	W.S. Elev	Vel Total	Froude # XS	E.G. Elev	Area	Hydr Radius
					(m)	(m3/s)	(m)	(m)	(m/s)		(m)	(m2)	(m)
Morticelli	Morticelli	41	MO0027_D	TR030_0150H	14.49	12.18	28.69	30.27	1.50	0.48	30.39	8.11	0.91
Morticelli	Morticelli	41	MO0027_D	TR030_0200H	14.49	12.79	28.69	30.31	1.52	0.48	30.42	8.40	0.92
Morticelli	Morticelli	41	MO0027_D	TR030_0300H	14.49	14.03	28.69	30.38	1.56	0.49	30.50	8.98	0.96
Morticelli	Morticelli	41	MO0027_D	TR030_0400H	14.49	14.44	28.69	30.40	1.58	0.49	30.52	9.16	0.97
Morticelli	Morticelli	41	MO0027_D	TR030_0500H	14.49	14.59	28.69	30.41	1.58	0.49	30.53	9.24	0.98
Morticelli	Morticelli	40	MO0028	TR030_0030H	14.04	7.80	28.38	29.59	1.61	0.59	29.72	4.84	0.70
Morticelli	Morticelli	40	MO0028	TR030_0050H	14.04	8.81	28.38	29.66	1.66	0.59	29.80	5.31	0.74
Morticelli	Morticelli	40	MO0028	TR030_0100H	14.04	10.75	28.38	29.79	1.74	0.59	29.94	6.17	0.80
Morticelli	Morticelli	40	MO0028	TR030_0150H	14.04	12.18	28.38	29.87	1.80	0.60	30.04	6.79	0.84
Morticelli	Morticelli	40	MO0028	TR030_0200H	14.04	12.79	28.38	29.91	1.81	0.60	30.08	7.05	0.85
Morticelli	Morticelli	40	MO0028	TR030_0300H	14.04	14.03	28.38	29.98	1.85	0.60	30.15	7.57	0.89
Morticelli	Morticelli	40	MO0028	TR030_0400H	14.04	14.44	28.38	30.00	1.86	0.60	30.18	7.75	0.90
Morticelli	Morticelli	40	MO0028	TR030_0500H	14.04	14.50	28.38	30.02	1.83	0.58	30.19	7.93	0.91
Morticelli	Morticelli	39	MO0029	TR030_0030H	14.17	7.80	27.95	29.09	1.78	0.66	29.25	4.39	0.67
Morticelli	Morticelli	39	MO0029	TR030_0050H	14.17	8.81	27.95	29.17	1.81	0.65	29.33	4.87	0.71
Morticelli	Morticelli	39	MO0029	TR030_0100H	14.17	10.75	27.95	29.31	1.86	0.64	29.49	5.78	0.78
Morticelli	Morticelli	39	MO0029	TR030_0150H	14.17	12.18	27.95	29.41	1.89	0.63	29.59	6.46	0.83
Morticelli	Morticelli	39	MO0029	TR030_0200H	14.17	12.78	27.95	29.45	1.89	0.62	29.63	6.75	0.85
Morticelli	Morticelli	39	MO0029	TR030_0300H	14.17	14.03	27.95	29.53	1.91	0.62	29.72	7.35	0.88
Morticelli	Morticelli	39	MO0029	TR030_0400H	14.17	13.91	27.95	29.61	1.74	0.55	29.77	7.97	0.92
Morticelli	Morticelli	39	MO0029	TR030_0500H	14.17	14.46	27.95	29.64	1.76	0.55	29.80	8.19	0.93
Morticelli	Morticelli	38	MO0030	TR030_0030H	14.58	7.80	27.14	28.72	1.28	0.42	28.81	6.08	0.84
Morticelli	Morticelli	38	MO0030	TR030_0050H	14.58	8.81	27.14	28.81	1.32	0.42	28.90	6.67	0.89
Morticelli	Morticelli	38	MO0030	TR030_0100H	14.58	10.75	27.14	28.98	1.38	0.42	29.08	7.80	0.96
Morticelli	Morticelli	38	MO0030	TR030_0150H	14.58	12.18	27.14	29.10	1.41	0.42	29.20	8.63	1.01
Morticelli	Morticelli	38	MO0030	TR030_0200H	14.58	12.78	27.14	29.14	1.42	0.42	29.25	9.00	1.03
Morticelli	Morticelli	38	MO0030	TR030_0300H	14.58	14.03	27.14	29.24	1.44	0.41	29.35	9.73	1.07
Morticelli	Morticelli	38	MO0030	TR030_0400H	14.58	13.82	27.14	29.42	1.24	0.34	29.49	11.15	1.15
Morticelli	Morticelli	38	MO0030	TR030_0500H	14.58	14.40	27.14	29.44	1.27	0.35	29.52	11.35	1.16
Morticelli	Morticelli	37	MO0031_A	TR030_0030H	3.63	7.94	27.02	28.43	1.59	0.53	28.56	4.99	0.79
Morticelli	Morticelli	37	MO0031_A	TR030_0050H	3.63	8.96	27.02	28.52	1.62	0.52	28.66	5.52	0.83
Morticelli	Morticelli	37	MO0031_A	TR030_0100H	3.63	10.92	27.02	28.70	1.67	0.51	28.84	6.56	0.91
Morticelli	Morticelli	37	MO0031_A	TR030_0150H	3.63	12.36	27.02	28.82	1.68	0.50	28.97	7.34	0.97
Morticelli	Morticelli	37	MO0031_A	TR030_0200H	3.63	12.97	27.02	28.88	1.69	0.50	29.02	7.68	0.99
Morticelli	Morticelli	37	MO0031_A	TR030_0300H	3.63	14.23	27.02	28.98	1.70	0.49	29.13	8.38	1.04
Morticelli	Morticelli	37	MO0031_A	TR030_0400H	3.63	15.94	27.02	29.12	1.71	0.48	29.27	9.33	1.09
Morticelli	Morticelli	37	MO0031_A	TR030_0500H	3.63	16.33	27.02	29.15	1.71	0.47	29.30	9.55	1.11
Morticelli	Morticelli	36.1		TR030_0030H	1.50	7.94	27.19	28.37	1.68	0.50	28.51	4.71	0.74
Morticelli	Morticelli	36.1		TR030_0050H	1.50	8.96	27.19	28.46	1.77	0.50	28.62	5.06	0.78
Morticelli	Morticelli	36.1		TR030_0100H	1.50	10.92	27.19	28.61	1.92	0.51	28.80	5.69	0.83
Morticelli	Morticelli	36.1		TR030_0150H	1.50	12.36	27.19	28.72	2.02	0.52	28.93	6.13	0.87
Morticelli	Morticelli	36.1		TR030_0200H	1.50	12.97	27.19	28.77	2.05	0.52	28.99	6.32	0.88
Morticelli	Morticelli	36.1		TR030_0300H	1.50	14.23	27.19	28.86	2.13	0.53	29.09	6.68	0.91
Morticelli	Morticelli	36.1		TR030_0400H	1.50	15.94	27.19	28.98	2.23	0.53	29.23	7.16	0.95
Morticelli	Morticelli	36.1		TR030_0500H	1.50	16.33	27.19	29.01	2.25	0.53	29.27	7.27	0.95
Morticelli	Morticelli	34.9		TR030_0030H	4.13	7.94	27.19	28.11	2.17	0.72	28.35	3.66	0.63
Morticelli	Morticelli	34.9		TR030_0050H	4.13	8.96	27.19	28.18	2.26	0.72	28.44	3.96	0.66
Morticelli	Morticelli	34.9		TR030_0100H	4.13	10.92	27.19	28.32	2.41	0.72	28.62	4.53	0.72
Morticelli	Morticelli	34.9		TR030_0150H	4.13	12.36	27.19	28.42	2.51	0.72	28.74	4.92	0.76
Morticelli	Morticelli	34.9		TR030_0200H	4.13	12.97	27.19	28.46	2.55	0.72	28.80	5.09	0.78
Morticelli	Morticelli	34.9		TR030_0300H	4.13	14.23	27.19	28.55	2.62	0.72	28.90	5.43	0.81
Morticelli	Morticelli	34.9		TR030_0400H	4.13	15.94	27.19	28.68	2.68	0.70	29.04	5.95	0.85
Morticelli	Morticelli	34.9		TR030_0500H	4.13	16.33	27.19	28.70	2.70	0.70	29.08	6.05	0.86
Morticelli	Morticelli	34	MO0033_D	TR030_0030H	13.76	7.94	26.98	27.98	1.94	0.64	28.17	4.09	0.66
Morticelli	Morticelli	34	MO0033_D	TR030_0050H	13.76	8.96	26.98	28.05	2.03	0.65	28.26	4.42	0.70
Morticelli	Morticelli	34	MO0033_D	TR030_0100H	13.76	10.92	26.98	28.19	2.17	0.65	28.43	5.03	0.76
Morticelli	Morticelli	34	MO0033_D	TR030_0150H	13.76	12.36	26.98	28.29	2.26	0.65	28.55	5.46	0.81
Morticelli	Morticelli	34	MO0033_D	TR030_0200H	13.76	12.97	26.98	28.33	2.30	0.65	28.60	5.65	0.82
Morticelli	Morticelli	34	MO0033_D	TR030_0300H	13.76	14.23	26.98	28.42	2.36	0.65	28.70	6.03	0.86
Morticelli	Morticelli	34	MO0033_D	TR030_0400H	13.76	15.93	26.98	28.56	2.39	0.63	28.85	6.66	0.91
Morticelli	Morticelli	34	MO0033_D	TR030_0500H	13.76	16.33	26.98	28.58	2.41	0.63	28.88	6.77	0.92
Morticelli	Morticelli	33	MO0034	TR030_0030H	13.38	7.93	26.55	27.70	1.45	0.52	27.80	5.48	0.73
Morticelli	Morticelli	33	MO0034	TR030_0050H	13.38	8.95	26.55	27.78	1.48	0.51	27.89	6.06	0.77
Morticelli	Morticelli	33	MO0034	TR030_0100H	13.38	10.91	26.55	27.93	1.52	0.50	28.05	7.20	0.86
Morticelli	Morticelli	33	MO0034	TR030_0150H	13.38	12.35	26.55	28.04	1.53	0.48	28.16	8.07	0.92
Morticelli	Morticelli	33	MO0034	TR030_0200H	13.38	12.96	26.55	28.09	1.53	0.48	28.21	8.45	0.95
Morticelli	Morticelli	33	MO0034	TR030_0300H	13.38	13.71	26.55	28.21	1.46	0.44	28.32	9.41	1.01
Morticelli	Morticelli	33	MO0034	TR030_0400H	13.38	15.93	26.55	28.39	1.46	0.42	28.49	10.92	1.11
Morticelli	Morticelli	33	MO0034	TR030_0500H	13.38	16.32	26.55	28.41	1.46	0.42	28.52	11.18	1.12
Morticelli	Morticelli	32	MO0035	TR030_0030H	14.78	7.93	26.00	27.46	1.06	0.35	27.52	7.50	0.83
Morticelli	Morticelli	3											

River	Reach	River Sta		Plan	Length Chnl	Q Total	Min Ch El	W.S. Elev	Vel Total	Froude # XS	E.G. Elev	Area	Hydr Radius
					(m)	(m3/s)	(m)	(m)	(m/s)		(m)	(m2)	(m)
Morticelli	Morticelli	31	MO0036_	TR030_0050H	13.08	9.02	25.77	27.32	1.44	0.44	27.42	6.24	0.87
Morticelli	Morticelli	31	MO0036_	TR030_0100H	13.08	10.99	25.77	27.50	1.50	0.43	27.62	7.33	0.95
Morticelli	Morticelli	31	MO0036_	TR030_0150H	13.08	12.42	25.77	27.64	1.52	0.43	27.75	8.15	1.01
Morticelli	Morticelli	31	MO0036_	TR030_0200H	13.08	13.03	25.77	27.69	1.53	0.42	27.81	8.52	1.03
Morticelli	Morticelli	31	MO0036_	TR030_0300H	13.08	14.27	25.77	27.86	1.48	0.39	27.98	9.62	1.10
Morticelli	Morticelli	31	MO0036_	TR030_0400H	13.08	16.77	25.77	28.05	1.54	0.39	28.17	10.89	1.17
Morticelli	Morticelli	31	MO0036_	TR030_0500H	13.08	17.21	25.77	28.08	1.55	0.39	28.20	11.08	1.18
Morticelli	Morticelli	30	MO0037_A	TR030_0030H	12.76	8.00	25.63	26.94	1.49	0.47	27.05	5.38	0.82
Morticelli	Morticelli	30	MO0037_A	TR030_0050H	12.76	9.01	25.63	27.05	1.52	0.46	27.16	5.94	0.86
Morticelli	Morticelli	30	MO0037_A	TR030_0100H	12.76	10.98	25.63	27.25	1.56	0.45	27.37	7.05	0.95
Morticelli	Morticelli	30	MO0037_A	TR030_0150H	12.76	11.27	25.63	27.42	1.40	0.38	27.52	8.04	1.02
Morticelli	Morticelli	30	MO0037_A	TR030_0200H	12.76	11.81	25.63	27.50	1.39	0.37	27.60	8.53	1.05
Morticelli	Morticelli	30	MO0037_A	TR030_0300H	12.76	14.27	25.63	27.67	1.49	0.39	27.78	9.60	1.11
Morticelli	Morticelli	30	MO0037_A	TR030_0400H	12.76	16.77	25.63	27.86	1.54	0.41	27.98	10.87	1.10
Morticelli	Morticelli	30	MO0037_A	TR030_0500H	12.76	17.21	25.63	27.88	1.56	0.41	28.00	11.05	1.10
Morticelli	Morticelli	29.1		TR030_0030H	1.50	8.00	25.75	26.94	1.01	0.30	27.00	7.88	0.88
Morticelli	Morticelli	29.1		TR030_0050H	1.50	9.01	25.75	27.05	1.05	0.29	27.11	8.59	0.93
Morticelli	Morticelli	29.1		TR030_0100H	1.50	10.98	25.75	27.25	1.11	0.29	27.32	9.93	1.03
Morticelli	Morticelli	29.1		TR030_0150H	1.50	11.27	25.75	27.43	1.02	0.25	27.48	11.05	1.11
Morticelli	Morticelli	29.1		TR030_0200H	1.50	11.81	25.75	27.51	1.02	0.25	27.56	11.59	1.15
Morticelli	Morticelli	29.1		TR030_0300H	1.50	14.27	25.75	27.68	1.12	0.26	27.75	12.75	1.22
Morticelli	Morticelli	29.1		TR030_0400H	1.50	16.77	25.75	27.86	1.20	0.26	27.94	13.94	1.29
Morticelli	Morticelli	29.1		TR030_0500H	1.50	17.21	25.75	27.89	1.22	0.27	27.96	14.10	1.30
Morticelli	Morticelli	27.9		TR030_0030H	5.00	8.00	25.75	26.93	1.03	0.30	26.98	7.77	0.87
Morticelli	Morticelli	27.9		TR030_0050H	5.00	9.01	25.75	27.04	1.06	0.30	27.09	8.48	0.93
Morticelli	Morticelli	27.9		TR030_0100H	5.00	10.98	25.75	27.24	1.12	0.29	27.30	9.82	1.03
Morticelli	Morticelli	27.9		TR030_0150H	5.00	11.27	25.75	27.41	1.03	0.25	27.47	10.98	1.11
Morticelli	Morticelli	27.9		TR030_0200H	5.00	11.81	25.75	27.50	1.03	0.25	27.55	11.52	1.14
Morticelli	Morticelli	27.9		TR030_0300H	5.00	14.27	25.75	27.67	1.13	0.26	27.74	12.67	1.21
Morticelli	Morticelli	27.9		TR030_0400H	5.00	16.77	25.75	27.80	1.24	0.28	27.88	13.55	1.27
Morticelli	Morticelli	27.9		TR030_0500H	5.00	17.21	25.75	27.82	1.26	0.28	27.90	13.68	1.27
Morticelli	Morticelli	27	MO0039_D	TR030_0030H	14.45	8.00	25.64	26.85	1.54	0.48	26.97	5.20	0.79
Morticelli	Morticelli	27	MO0039_D	TR030_0050H	14.45	9.01	25.64	26.96	1.58	0.47	27.08	5.71	0.83
Morticelli	Morticelli	27	MO0039_D	TR030_0100H	14.45	10.98	25.64	27.16	1.63	0.45	27.29	6.72	0.92
Morticelli	Morticelli	27	MO0039_D	TR030_0150H	14.45	11.26	25.64	27.35	1.46	0.38	27.46	7.71	1.00
Morticelli	Morticelli	27	MO0039_D	TR030_0200H	14.45	11.81	25.64	27.43	1.45	0.37	27.54	8.16	1.03
Morticelli	Morticelli	27	MO0039_D	TR030_0300H	14.45	14.27	25.64	27.60	1.58	0.39	27.73	9.04	1.09
Morticelli	Morticelli	27	MO0039_D	TR030_0400H	14.45	16.77	25.64	27.72	1.73	0.42	27.87	9.70	1.14
Morticelli	Morticelli	27	MO0039_D	TR030_0500H	14.45	17.21	25.64	27.74	1.76	0.42	27.89	9.80	1.14
Morticelli	Morticelli	26	MO0040_	TR030_0030H	13.92	7.98	24.68	26.37	1.29	0.39	26.45	6.17	0.86
Morticelli	Morticelli	26	MO0040_	TR030_0050H	13.92	9.00	24.68	26.49	1.31	0.38	26.58	6.89	0.91
Morticelli	Morticelli	26	MO0040_	TR030_0100H	13.92	10.96	24.68	26.74	1.31	0.36	26.83	8.36	1.02
Morticelli	Morticelli	26	MO0040_	TR030_0150H	13.92	11.26	24.68	27.10	1.06	0.27	27.16	10.65	1.16
Morticelli	Morticelli	26	MO0040_	TR030_0200H	13.92	11.78	24.68	27.21	1.04	0.26	27.26	11.36	1.17
Morticelli	Morticelli	26	MO0040_	TR030_0300H	13.92	13.68	24.68	27.34	1.11	0.27	27.41	12.32	1.22
Morticelli	Morticelli	26	MO0040_	TR030_0400H	13.92	15.71	24.68	27.42	1.22	0.29	27.50	12.90	1.25
Morticelli	Morticelli	26	MO0040_	TR030_0500H	13.92	16.09	24.68	27.43	1.24	0.30	27.51	12.96	1.26
Morticelli	Morticelli	25	MO0041_	TR030_0030H	14.98	8.06	24.45	26.23	0.97	0.30	26.28	8.31	0.95
Morticelli	Morticelli	25	MO0041_	TR030_0050H	14.98	9.08	24.45	26.38	0.96	0.29	26.42	9.48	1.02
Morticelli	Morticelli	25	MO0041_	TR030_0100H	14.98	11.05	24.45	26.66	0.93	0.26	26.70	11.92	1.15
Morticelli	Morticelli	25	MO0041_	TR030_0150H	14.98	12.72	24.45	27.03	0.82	0.21	27.06	15.59	1.31
Morticelli	Morticelli	25	MO0041_	TR030_0200H	14.98	13.03	24.45	27.15	0.77	0.20	27.18	16.88	1.37
Morticelli	Morticelli	25	MO0041_	TR030_0300H	14.98	13.94	24.45	27.30	0.75	0.19	27.33	18.64	1.44
Morticelli	Morticelli	25	MO0041_	TR030_0400H	14.98	14.81	24.45	27.40	0.75	0.19	27.43	19.74	1.48
Morticelli	Morticelli	25	MO0041_	TR030_0500H	14.98	14.97	24.45	27.41	0.75	0.19	27.44	19.87	1.48
Morticelli	Morticelli	24	MO0042_A	TR030_0030H	9.83	8.06	24.36	26.14	0.78	0.21	26.18	10.27	1.09
Morticelli	Morticelli	24	MO0042_A	TR030_0050H	9.83	9.08	24.36	26.30	0.79	0.21	26.33	11.43	1.16
Morticelli	Morticelli	24	MO0042_A	TR030_0100H	9.83	11.05	24.36	26.59	0.80	0.20	26.62	13.75	1.28
Morticelli	Morticelli	24	MO0042_A	TR030_0150H	9.83	12.72	24.36	26.98	0.74	0.17	27.01	17.11	1.45
Morticelli	Morticelli	24	MO0042_A	TR030_0200H	9.83	13.03	24.36	27.11	0.71	0.16	27.13	18.25	1.50
Morticelli	Morticelli	24	MO0042_A	TR030_0300H	9.83	13.94	24.36	27.27	0.71	0.16	27.29	19.73	1.56
Morticelli	Morticelli	24	MO0042_A	TR030_0400H	9.83	14.79	24.36	27.36	0.72	0.16	27.39	20.63	1.60
Morticelli	Morticelli	24	MO0042_A	TR030_0500H	9.83	14.96	24.36	27.37	0.72	0.16	27.40	20.74	1.60
Morticelli	Morticelli	23.1		TR030_0030H	1.50	8.06	24.19	26.12	0.91	0.21	26.16	8.87	1.05
Morticelli	Morticelli	23.1		TR030_0050H	1.50	9.08	24.19	26.27	0.95	0.21	26.32	9.56	1.09
Morticelli	Morticelli	23.1		TR030_0100H	1.50	11.05	24.19	26.55	1.02	0.21	26.61	10.87	1.17
Morticelli	Morticelli	23.1		TR030_0150H	1.50	12.71	24.19	26.95	1.00	0.19	27.00	12.67	1.25
Morticelli	Morticelli	23.1		TR030_0200H	1.50	13.02	24.19	27.07	0.98	0.18	27.12	13.25	1.28
Morticelli	Morticelli	23.1		TR030_0300H	1.50	13.93	24.19	27.23	1.00	0.18	27.28	13.98	1.31
Morticelli	Morticelli	23.1		TR030_0400H	1.50	14.78	24.19	27.32	1.03	0.19	27.38	14.40	1.33

River	Reach	River Sta		Plan	Length Chnl	Q Total	Min Ch El	W.S. Elev	Vel Total	Froude # XS	E.G. Elev	Area	Hydr Radius
					(m)	(m3/s)	(m)	(m)	(m/s)		(m)	(m2)	(m)
Morticelli	Morticelli	21	MO0045_D	TR030_0030H	14.69	8.06	24.20	25.99	1.19	0.29	26.06	6.79	0.92
Morticelli	Morticelli	21	MO0045_D	TR030_0050H	14.69	9.08	24.20	26.13	1.24	0.29	26.21	7.33	0.96
Morticelli	Morticelli	21	MO0045_D	TR030_0100H	14.69	11.05	24.20	26.39	1.33	0.29	26.48	8.33	1.02
Morticelli	Morticelli	21	MO0045_D	TR030_0150H	14.69	12.69	24.20	26.73	1.31	0.27	26.82	9.70	1.10
Morticelli	Morticelli	21	MO0045_D	TR030_0200H	14.69	13.01	24.20	26.86	1.28	0.25	26.94	10.17	1.12
Morticelli	Morticelli	21	MO0045_D	TR030_0300H	14.69	13.59	24.20	27.00	1.26	0.24	27.08	10.74	1.15
Morticelli	Morticelli	21	MO0045_D	TR030_0400H	14.69	14.38	24.20	27.08	1.30	0.25	27.16	11.04	1.16
Morticelli	Morticelli	21	MO0045_D	TR030_0500H	14.69	14.55	24.20	27.08	1.32	0.25	27.17	11.06	1.16
Morticelli	Morticelli	20	MO0046_	TR030_0030H	14.11	8.05	24.19	25.59	1.66	0.45	25.73	4.87	0.78
Morticelli	Morticelli	20	MO0046_	TR030_0050H	14.11	9.08	24.19	25.72	1.71	0.44	25.86	5.32	0.82
Morticelli	Morticelli	20	MO0046_	TR030_0100H	14.11	10.09	24.19	26.03	1.57	0.37	26.16	6.43	0.90
Morticelli	Morticelli	20	MO0046_	TR030_0150H	14.11	12.38	24.19	26.39	1.61	0.35	26.52	7.69	0.98
Morticelli	Morticelli	20	MO0046_	TR030_0200H	14.11	12.93	24.19	26.54	1.57	0.33	26.67	8.23	1.01
Morticelli	Morticelli	20	MO0046_	TR030_0300H	14.11	13.26	24.19	26.72	1.50	0.30	26.83	8.84	1.04
Morticelli	Morticelli	20	MO0046_	TR030_0400H	14.11	14.32	24.19	26.77	1.58	0.32	26.90	9.04	1.05
Morticelli	Morticelli	20	MO0046_	TR030_0500H	14.11	14.48	24.19	26.77	1.60	0.32	26.90	9.04	1.05
Morticelli	Morticelli	19	MO0047_A	TR030_0030H	3.01	8.13	23.86	25.30	1.79	0.48	25.46	4.54	0.75
Morticelli	Morticelli	19	MO0047_A	TR030_0050H	3.01	9.16	23.86	25.43	1.85	0.47	25.60	4.94	0.79
Morticelli	Morticelli	19	MO0047_A	TR030_0100H	3.01	11.31	23.86	25.67	1.97	0.47	25.87	5.73	0.85
Morticelli	Morticelli	19	MO0047_A	TR030_0150H	3.01	14.21	23.86	26.00	2.10	0.46	26.23	6.77	0.91
Morticelli	Morticelli	19	MO0047_A	TR030_0200H	3.01	14.37	23.86	26.24	1.90	0.40	26.43	7.55	0.96
Morticelli	Morticelli	19	MO0047_A	TR030_0300H	3.01	14.72	23.86	26.46	1.79	0.36	26.62	8.24	0.99
Morticelli	Morticelli	19	MO0047_A	TR030_0400H	3.01	15.77	23.86	26.49	1.89	0.38	26.67	8.33	0.99
Morticelli	Morticelli	19	MO0047_A	TR030_0500H	3.01	15.85	23.86	26.49	1.90	0.38	26.68	8.34	0.99
Morticelli	Morticelli	18.1		TR030_0030H	1.00	8.13	23.80	25.30	1.60	0.51	25.43	5.09	0.66
Morticelli	Morticelli	18.1		TR030_0050H	1.00	9.16	23.80	25.44	1.57	0.50	25.56	5.83	0.68
Morticelli	Morticelli	18.1		TR030_0100H	1.00	11.31	23.80	25.71	1.49	0.46	25.82	7.58	0.74
Morticelli	Morticelli	18.1		TR030_0150H	1.00	14.21	23.80	26.06	1.33	0.42	26.15	10.71	0.78
Morticelli	Morticelli	18.1		TR030_0200H	1.00	14.37	23.80	26.31	1.07	0.32	26.37	13.38	0.88
Morticelli	Morticelli	18.1		TR030_0300H	1.00	14.78	23.80	26.52	0.93	0.25	26.56	15.83	1.01
Morticelli	Morticelli	18.1		TR030_0400H	1.00	15.77	23.80	26.56	0.97	0.26	26.60	16.24	1.03
Morticelli	Morticelli	18.1		TR030_0500H	1.00	15.85	23.80	26.56	0.97	0.26	26.61	16.27	1.03
Morticelli	Morticelli	16.9		TR030_0030H	2.71	8.13	23.80	25.20	1.78	0.56	25.36	4.58	0.65
Morticelli	Morticelli	16.9		TR030_0050H	2.71	9.16	23.80	25.32	1.78	0.57	25.48	5.15	0.66
Morticelli	Morticelli	16.9		TR030_0100H	2.71	11.30	23.80	25.55	1.74	0.55	25.70	6.50	0.70
Morticelli	Morticelli	16.9		TR030_0150H	2.71	14.18	23.80	25.85	1.63	0.52	25.99	8.69	0.74
Morticelli	Morticelli	16.9		TR030_0200H	2.71	14.36	23.80	25.98	1.46	0.46	26.09	9.86	0.75
Morticelli	Morticelli	16.9		TR030_0300H	2.71	14.79	23.80	26.11	1.32	0.41	26.20	11.18	0.80
Morticelli	Morticelli	16.9		TR030_0400H	2.71	15.76	23.80	26.18	1.32	0.40	26.27	11.96	0.83
Morticelli	Morticelli	16.9		TR030_0500H	2.71	15.85	23.80	26.19	1.32	0.40	26.28	12.02	0.83
Morticelli	Morticelli	16	MO0049_D	TR030_0030H	13.07	8.13	23.82	25.12	2.15	0.61	25.36	3.78	0.69
Morticelli	Morticelli	16	MO0049_D	TR030_0050H	13.07	9.16	23.82	25.23	2.23	0.62	25.48	4.10	0.71
Morticelli	Morticelli	16	MO0049_D	TR030_0100H	13.07	11.31	23.82	25.44	2.35	0.64	25.72	4.81	0.75
Morticelli	Morticelli	16	MO0049_D	TR030_0150H	13.07	14.18	23.82	25.73	2.42	0.63	26.02	5.86	0.80
Morticelli	Morticelli	16	MO0049_D	TR030_0200H	13.07	14.36	23.82	25.85	2.26	0.59	26.11	6.35	0.83
Morticelli	Morticelli	16	MO0049_D	TR030_0300H	13.07	14.79	23.82	25.97	2.14	0.55	26.21	6.90	0.86
Morticelli	Morticelli	16	MO0049_D	TR030_0400H	13.07	15.76	23.82	26.04	2.19	0.55	26.29	7.19	0.87
Morticelli	Morticelli	16	MO0049_D	TR030_0500H	13.07	15.85	23.82	26.05	2.20	0.55	26.29	7.21	0.88
Morticelli	Morticelli	15	MO0050_A	TR030_0030H	6.87	8.13	23.54	24.84	1.44	0.41	24.94	5.66	0.82
Morticelli	Morticelli	15	MO0050_A	TR030_0050H	6.87	9.16	23.54	24.94	1.50	0.42	25.05	6.11	0.85
Morticelli	Morticelli	15	MO0050_A	TR030_0100H	6.87	11.30	23.54	25.14	1.59	0.44	25.27	7.13	0.89
Morticelli	Morticelli	15	MO0050_A	TR030_0150H	6.87	14.18	23.54	25.46	1.58	0.42	25.59	8.95	0.96
Morticelli	Morticelli	15	MO0050_A	TR030_0200H	6.87	14.36	23.54	25.66	1.40	0.36	25.76	10.25	1.01
Morticelli	Morticelli	15	MO0050_A	TR030_0300H	6.87	14.79	23.54	25.84	1.29	0.33	25.92	11.51	1.06
Morticelli	Morticelli	15	MO0050_A	TR030_0400H	6.87	15.76	23.54	25.90	1.32	0.33	25.99	11.98	1.08
Morticelli	Morticelli	15	MO0050_A	TR030_0500H	6.87	15.85	23.54	25.91	1.32	0.33	25.99	12.01	1.08
Morticelli	Morticelli	14.1		TR030_0030H	1.00	8.13	23.50	24.79	1.59	0.45	24.92	5.10	0.78
Morticelli	Morticelli	14.1		TR030_0050H	1.00	9.16	23.50	24.88	1.67	0.45	25.03	5.48	0.81
Morticelli	Morticelli	14.1		TR030_0100H	1.00	11.30	23.50	25.08	1.81	0.46	25.24	6.24	0.88
Morticelli	Morticelli	14.1		TR030_0150H	1.00	14.18	23.50	25.38	1.91	0.44	25.56	7.43	0.96
Morticelli	Morticelli	14.1		TR030_0200H	1.00	14.36	23.50	25.59	1.69	0.53	25.74	8.47	0.70
Morticelli	Morticelli	14.1		TR030_0300H	1.00	14.79	23.50	25.81	1.31	0.52	25.90	11.32	0.52
Morticelli	Morticelli	14.1		TR030_0400H	1.00	15.76	23.50	25.89	1.24	0.49	25.97	12.70	0.54
Morticelli	Morticelli	14.1		TR030_0500H	1.00	15.85	23.50	25.89	1.24	0.49	25.97	12.79	0.54
Morticelli	Morticelli	12.9		TR030_0030H	4.36	8.13	23.50	24.68	1.74	0.51	24.84	4.67	0.74
Morticelli	Morticelli	12.9		TR030_0050H	4.36	9.16	23.50	24.77	1.82	0.52	24.94	5.03	0.77
Morticelli	Morticelli	12.9		TR030_0100H	4.36	11.30	23.50	24.95	1.96	0.52	25.15	5.75	0.84
Morticelli	Morticelli	12.9		TR030_0150H	4.36	14.18	23.50	25.19	2.12	0.52	25.42	6.67	0.91
Morticelli	Morticelli	12.9		TR030_0200H	4.36	14.36	23.50	25.20	2.13	0.52	25.43	6.73	0.91
Morticelli	Morticelli	12.9		TR030_0300H	4.36	14.79	23.50	25.23	2.16	0.53	25.47	6.83	0.92
Morticelli	Morticelli	12.9		TR030_0400H	4.36	15.76	23.50	25.30	2.21	0.53	25.55	7.14	0.94
Morticelli	Morticelli	12.9		TR030_0500H	4.36	15.85	23.50	25.31	2.21	0.53	25.56	7.16	0.95
Morticelli	Morticelli	12	MO0052_D	TR030_0030H	13.93	8.13	23.45	24.59	2.18	0.66	24.84	3.72	0.68
Morticelli	Morticelli	12	MO0052_D	TR030_0050H	13.93	9.16	23.45	24.68	2.29	0.66	24.95	4.00	0.70
Morticelli	Morticelli	12	MO0052_D	TR030_0100H	13.93	11.30	23.45	24.85	2.47	0.67	25.16	4.57	0.76
Morticelli	Morticelli	12	MO0052_D	TR030_0150H	13.93	14.18	23.45	25.07	2.67	0.67	25.44	5.31	0.82
Morticelli	Morticelli	12	MO0052_D	TR030_0200H	13.93	14.36	23.45	25.09	2.68	0.67	25.45	5.35	0.82
Morticelli	Morticelli	12	MO0052_D	TR030_0300H	13.93	14.79	23.45	25.11	2.72	0.68	25.49	5.44	0.83

River	Reach	River Sta		Plan	Length Chnl	Q Total	Min Ch El	W.S. Elev	Vel Total	Froude # XS	E.G. Elev	Area	Hydr Radius
					(m)	(m3/s)	(m)	(m)	(m/s)		(m)	(m2)	(m)
Morticelli	Morticelli	12	MO0052_D	TR030_0400H	13.93	15.76	23.45	25.18	2.78	0.68	25.58	5.68	0.85
Morticelli	Morticelli	12	MO0052_D	TR030_0500H	13.93	15.85	23.45	25.19	2.78	0.68	25.59	5.69	0.85
Morticelli	Morticelli	11	MO0053_A	TR030_0030H	1.00	8.13	23.06	23.88	1.67	0.59	24.02	4.88	0.64
Morticelli	Morticelli	11	MO0053_A	TR030_0050H	1.00	9.03	23.06	23.97	1.66	0.56	24.12	5.44	0.69
Morticelli	Morticelli	11	MO0053_A	TR030_0100H	1.00	11.30	23.06	24.19	1.67	0.51	24.33	6.76	0.81
Morticelli	Morticelli	11	MO0053_A	TR030_0150H	1.00	14.15	23.06	24.45	1.69	0.46	24.60	8.36	0.95
Morticelli	Morticelli	11	MO0053_A	TR030_0200H	1.00	14.34	23.06	24.47	1.69	0.46	24.62	8.46	0.96
Morticelli	Morticelli	11	MO0053_A	TR030_0300H	1.00	14.78	23.06	24.47	1.74	0.47	24.63	8.48	0.96
Morticelli	Morticelli	11	MO0053_A	TR030_0400H	1.00	15.76	23.06	24.56	1.75	0.46	24.72	9.00	1.00
Morticelli	Morticelli	11	MO0053_A	TR030_0500H	1.00	15.85	23.06	24.57	1.75	0.46	24.72	9.03	1.00
Morticelli	Morticelli	10		TR030_0030H	4.63	8.13	22.88	23.90	1.34	0.42	23.99	6.08	0.76
Morticelli	Morticelli	10		TR030_0050H	4.63	9.03	22.88	23.99	1.36	0.41	24.09	6.64	0.81
Morticelli	Morticelli	10		TR030_0100H	4.63	11.30	22.88	24.21	1.42	0.39	24.31	7.94	0.92
Morticelli	Morticelli	10		TR030_0150H	4.63	14.15	22.88	24.47	1.49	0.38	24.58	9.51	1.04
Morticelli	Morticelli	10		TR030_0200H	4.63	14.34	22.88	24.49	1.49	0.38	24.60	9.61	1.05
Morticelli	Morticelli	10		TR030_0300H	4.63	14.78	22.88	24.49	1.54	0.39	24.61	9.62	1.05
Morticelli	Morticelli	10		TR030_0400H	4.63	15.76	22.88	24.58	1.55	0.38	24.70	10.14	1.08
Morticelli	Morticelli	10		TR030_0500H	4.63	15.85	22.88	24.58	1.56	0.38	24.71	10.17	1.08
Morticelli	Morticelli	9		TR030_0030H	2.28	8.13	22.88	23.73	1.61	0.56	23.86	5.05	0.66
Morticelli	Morticelli	9		TR030_0050H	2.28	9.00	22.88	23.84	1.57	0.51	23.97	5.73	0.73
Morticelli	Morticelli	9		TR030_0100H	2.28	11.28	22.88	24.08	1.57	0.46	24.21	7.17	0.86
Morticelli	Morticelli	9		TR030_0150H	2.28	14.14	22.88	24.36	1.60	0.42	24.49	8.83	0.99
Morticelli	Morticelli	9		TR030_0200H	2.28	14.33	22.88	24.38	1.60	0.42	24.51	8.94	1.00
Morticelli	Morticelli	9		TR030_0300H	2.28	14.78	22.88	24.37	1.66	0.43	24.51	8.91	1.00
Morticelli	Morticelli	9		TR030_0400H	2.28	15.76	22.88	24.46	1.67	0.42	24.60	9.44	1.03
Morticelli	Morticelli	9		TR030_0500H	2.28	15.85	22.88	24.47	1.67	0.42	24.61	9.47	1.04
Morticelli	Morticelli	8	MO0055_D	TR030_0030H	14.52	8.13	22.70	23.74	1.35	0.42	23.83	6.04	0.77
Morticelli	Morticelli	8	MO0055_D	TR030_0050H	14.52	9.00	22.70	23.85	1.34	0.40	23.94	6.71	0.83
Morticelli	Morticelli	8	MO0055_D	TR030_0100H	14.52	11.28	22.70	24.09	1.39	0.38	24.19	8.12	0.94
Morticelli	Morticelli	8	MO0055_D	TR030_0150H	14.52	14.14	22.70	24.37	1.45	0.36	24.47	9.75	1.07
Morticelli	Morticelli	8	MO0055_D	TR030_0200H	14.52	14.33	22.70	24.39	1.45	0.36	24.49	9.85	1.07
Morticelli	Morticelli	8	MO0055_D	TR030_0300H	14.52	14.78	22.70	24.38	1.50	0.37	24.50	9.82	1.07
Morticelli	Morticelli	8	MO0055_D	TR030_0400H	14.52	15.76	22.70	24.47	1.52	0.37	24.59	10.35	1.11
Morticelli	Morticelli	8	MO0055_D	TR030_0500H	14.52	15.85	22.70	24.47	1.53	0.37	24.59	10.37	1.11
Morticelli	Morticelli	7	MO0056_A	TR030_0030H	2.73	7.31	21.83	23.03	1.69	0.50	23.17	4.33	0.72
Morticelli	Morticelli	7	MO0056_A	TR030_0050H	2.73	8.97	21.83	23.19	1.82	0.50	23.36	4.91	0.78
Morticelli	Morticelli	7	MO0056_A	TR030_0100H	2.73	11.00	21.83	23.37	1.97	0.51	23.57	5.59	0.84
Morticelli	Morticelli	7	MO0056_A	TR030_0150H	2.73	13.83	21.83	23.50	2.29	0.57	23.76	6.04	0.87
Morticelli	Morticelli	7	MO0056_A	TR030_0200H	2.73	13.83	21.83	23.50	2.29	0.57	23.76	6.04	0.87
Morticelli	Morticelli	7	MO0056_A	TR030_0300H	2.73	13.84	21.83	23.50	2.29	0.57	23.76	6.04	0.87
Morticelli	Morticelli	7	MO0056_A	TR030_0400H	2.73	16.33	21.83	23.53	2.65	0.65	23.89	6.16	0.88
Morticelli	Morticelli	7	MO0056_A	TR030_0500H	2.73	16.39	21.83	23.53	2.66	0.65	23.89	6.17	0.88
Morticelli	Morticelli	4	MO0058_D	TR030_0030H	14.53	8.13	21.78	22.66	2.53	0.87	22.99	3.21	0.59
Morticelli	Morticelli	4	MO0058_D	TR030_0050H	14.53	9.70	21.78	22.76	2.73	0.89	23.14	3.55	0.63
Morticelli	Morticelli	4	MO0058_D	TR030_0100H	14.53	11.94	21.78	22.90	2.93	0.90	23.33	4.08	0.69
Morticelli	Morticelli	4	MO0058_D	TR030_0150H	14.53	15.10	21.78	23.07	3.20	0.91	23.59	4.72	0.75
Morticelli	Morticelli	4	MO0058_D	TR030_0200H	14.53	15.32	21.78	23.08	3.21	0.91	23.61	4.77	0.76
Morticelli	Morticelli	4	MO0058_D	TR030_0300H	14.53	15.27	21.78	23.08	3.21	0.91	23.60	4.76	0.76
Morticelli	Morticelli	4	MO0058_D	TR030_0400H	14.53	16.33	21.78	23.13	3.29	0.91	23.69	4.96	0.78
Morticelli	Morticelli	4	MO0058_D	TR030_0500H	14.53	16.39	21.78	23.14	3.30	0.91	23.69	4.97	0.78
Morticelli	Morticelli	3	MO0059_A	TR030_0030H	5.54	8.13	20.98	21.58	2.06	0.87	21.79	3.94	0.49
Morticelli	Morticelli	3	MO0059_A	TR030_0050H	5.54	9.47	20.98	21.64	2.16	0.86	21.88	4.39	0.54
Morticelli	Morticelli	3	MO0059_A	TR030_0100H	5.54	11.94	20.98	21.76	2.31	0.85	22.03	5.18	0.62
Morticelli	Morticelli	3	MO0059_A	TR030_0150H	5.54	15.10	20.98	21.89	2.47	0.84	22.20	6.12	0.71
Morticelli	Morticelli	3	MO0059_A	TR030_0200H	5.54	15.32	20.98	21.90	2.48	0.83	22.21	6.19	0.72
Morticelli	Morticelli	3	MO0059_A	TR030_0300H	5.54	15.27	20.98	21.90	2.47	0.83	22.21	6.17	0.71
Morticelli	Morticelli	3	MO0059_A	TR030_0400H	5.54	16.33	20.98	21.94	2.52	0.83	22.27	6.47	0.74
Morticelli	Morticelli	3	MO0059_A	TR030_0500H	5.54	16.39	20.98	21.95	2.53	0.83	22.27	6.49	0.74
Morticelli	Morticelli	2.1		TR030_0030H	1.00	8.13	20.85	21.51	2.04	0.80	21.73	3.98	0.54
Morticelli	Morticelli	2.1		TR030_0050H	1.00	9.47	20.85	21.58	2.16	0.81	21.82	4.39	0.59
Morticelli	Morticelli	2.1		TR030_0100H	1.00	11.94	20.85	21.69	2.35	0.82	21.98	5.07	0.66
Morticelli	Morticelli	2.1		TR030_0150H	1.00	15.10	20.85	21.83	2.56	0.83	22.17	5.90	0.74
Morticelli	Morticelli	2.1		TR030_0200H	1.00	15.32	20.85	21.84	2.57	0.83	22.18	5.95	0.75
Morticelli	Morticelli	2.1		TR030_0300H	1.00	15.27	20.85	21.84	2.57	0.83	22.18	5.94	0.74
Morticelli	Morticelli	2.1		TR030_0400H	1.00	16.33	20.85	21.88	2.63	0.83	22.24	6.20	0.77
Morticelli	Morticelli	2.1		TR030_0500H	1.00	16.39	20.85	21.88	2.64	0.83	22.24	6.21	0.77
Morticelli	Morticelli	0.5		TR030_0030H	5.00	8.13	20.05	20.75	1.94	0.74	20.94	4.18	0.57
Morticelli	Morticelli	0.5		TR030_0050H	5.00	9.47	20.05	20.82	2.05	0.75	21.03	4.62	0.61
Morticelli	Morticelli	0.5		TR030_0100H	5.00	11.94	20.05	20.95	2.21	0.75	21.20	5.39	0.69
Morticelli	Morticelli	0.5		TR030_0150H	5.00	15.10	20.05	21.10	2.39	0.75	21.39	6.31	0.78
Morticelli	Morticelli	0.5		TR030_0200H	5.00	15.32	20.05	21.11	2.40	0.74	21.41	6.37	0.78
Morticelli	Morticelli	0.5		TR030_0300H	5.00	15.27	20.05	21.11	2.40	0.75	21.40	6.36	0.78
Morticelli	Morticelli	0.5		TR030_0400H	5.00	16.33	20.05	21.16	2.45	0.74	21.47	6.65	0.81
Morticelli	Morticelli	0.5		TR030_0500H	5.00	16.39	20.05	21.16	2.46	0.74	21.47	6.67	0.81
Morticelli	Morticelli	0.1		TR030_0030H		8.13	20.00	20.70	1.93	0.73	20.89	4.22	0.57
Morticelli	Morticelli	0.1		TR030_0050H		9.47	20.00	20.78	2.03	0.74	20.99	4.66	0.62
Morticelli	Morticelli	0.1		TR030_0100H		11.94	20.00	20.91	2.20	0.74	21.15	5.43	0.70
Morticelli	Morticelli	0.1		TR030_0150H		15.10	20.00	21.06	2.38	0.74	21.35	6.35	0.78

River	Reach	River Sta	Plan	Length Chnl	Q Total	Min Ch El	W.S. Elev	Vel Total	Froude # XS	E.G. Elev	Area	Hydr Radius
				(m)	(m3/s)	(m)	(m)	(m/s)		(m)	(m2)	(m)
Morticelli	Morticelli	0.1	TR030_0200H		15.32	20.00	21.07	2.39	0.74	21.36	6.41	0.79
Morticelli	Morticelli	0.1	TR030_0300H		15.27	20.00	21.07	2.39	0.74	21.36	6.40	0.79
Morticelli	Morticelli	0.1	TR030_0400H		16.33	20.00	21.12	2.44	0.74	21.42	6.69	0.81
Morticelli	Morticelli	0.1	TR030_0500H		16.39	20.00	21.12	2.44	0.74	21.42	6.71	0.81

2.1.2 TEMPO DI RITORNO 200 ANNI

River	Reach	River Sta		Plan	Length Chnl	Q Total	Min Ch El	W.S. Elev	Vel Total	Froude # XS	E.G. Elev	Area	Hydr Radius
					(m)	(m3/s)	(m)	(m)	(m/s)		(m)	(m2)	(m)
Morticelli	Morticelli	70	MO0001_	TR200_0030H	13.89	22.22	37.04	38.97	2.14	0.75	39.21	10.37	0.74
Morticelli	Morticelli	70	MO0001	TR200_0050H	13.89	30.21	37.04	39.12	2.48	0.80	39.43	12.18	0.85
Morticelli	Morticelli	70	MO0001_	TR200_0100H	13.89	40.21	37.04	39.27	2.86	0.86	39.69	14.05	0.96
Morticelli	Morticelli	70	MO0001_	TR200_0150H	13.89	43.39	37.04	39.32	2.97	0.87	39.77	14.60	0.99
Morticelli	Morticelli	70	MO0001	TR200_0200H	13.89	42.13	37.04	39.30	2.93	0.87	39.74	14.39	0.98
Morticelli	Morticelli	70	MO0001_	TR200_0300H	13.89	36.75	37.04	39.22	2.73	0.84	39.60	13.44	0.92
Morticelli	Morticelli	70	MO0001_	TR200_0400H	13.89	31.34	37.04	39.14	2.52	0.80	39.46	12.45	0.86
Morticelli	Morticelli	70	MO0001_	TR200_0500H	13.89	26.61	37.04	39.05	2.34	0.78	39.33	11.38	0.80
Morticelli	Morticelli	69	MO0002_	TR200_0030H	14.96	15.69	36.45	38.31	2.28	0.72	38.58	6.88	0.82
Morticelli	Morticelli	69	MO0002	TR200_0050H	14.96	17.63	36.45	38.41	2.34	0.74	38.69	7.54	0.83
Morticelli	Morticelli	69	MO0002_	TR200_0100H	14.96	19.67	36.45	38.49	2.40	0.75	38.79	8.20	0.85
Morticelli	Morticelli	69	MO0002_	TR200_0150H	14.96	20.21	36.45	38.52	2.41	0.75	38.81	8.37	0.85
Morticelli	Morticelli	69	MO0002	TR200_0200H	14.96	20.02	36.45	38.51	2.41	0.75	38.80	8.31	0.85
Morticelli	Morticelli	69	MO0002_	TR200_0300H	14.96	19.01	36.45	38.47	2.38	0.74	38.76	8.00	0.84
Morticelli	Morticelli	69	MO0002	TR200_0400H	14.96	17.92	36.45	38.42	2.35	0.74	38.70	7.64	0.83
Morticelli	Morticelli	69	MO0002_	TR200_0500H	14.96	16.83	36.45	38.37	2.31	0.73	38.64	7.28	0.83
Morticelli	Morticelli	68	MO0003_	TR200_0030H	14.34	10.14	35.60	37.39	1.94	0.65	37.58	5.22	0.69
Morticelli	Morticelli	68	MO0003	TR200_0050H	14.34	10.80	35.60	37.45	1.93	0.62	37.64	5.60	0.73
Morticelli	Morticelli	68	MO0003_	TR200_0100H	14.34	11.40	35.60	37.54	1.87	0.58	37.72	6.09	0.77
Morticelli	Morticelli	68	MO0003_	TR200_0150H	14.34	11.56	35.60	37.57	1.85	0.56	37.74	6.24	0.79
Morticelli	Morticelli	68	MO0003	TR200_0200H	14.34	11.42	35.60	37.56	1.84	0.56	37.73	6.19	0.78
Morticelli	Morticelli	68	MO0003_	TR200_0300H	14.34	11.08	35.60	37.52	1.85	0.57	37.70	6.00	0.77
Morticelli	Morticelli	68	MO0003_	TR200_0400H	14.34	10.76	35.60	37.48	1.86	0.59	37.66	5.77	0.74
Morticelli	Morticelli	68	MO0003_	TR200_0500H	14.34	10.36	35.60	37.45	1.86	0.60	37.62	5.56	0.72
Morticelli	Morticelli	67	MO0004_A	TR200_0030H	5.50	9.20	35.13	37.00	1.97	0.72	37.19	4.67	0.57
Morticelli	Morticelli	67	MO0004_A	TR200_0050H	5.50	9.32	35.13	37.09	1.77	0.61	37.25	5.27	0.62
Morticelli	Morticelli	67	MO0004_A	TR200_0100H	5.50	9.69	35.13	37.21	1.61	0.52	37.35	6.00	0.69
Morticelli	Morticelli	67	MO0004_A	TR200_0150H	5.50	10.07	35.13	37.23	1.65	0.53	37.37	6.09	0.70
Morticelli	Morticelli	67	MO0004_A	TR200_0200H	5.50	9.92	35.13	37.22	1.64	0.53	37.36	6.06	0.70
Morticelli	Morticelli	67	MO0004_A	TR200_0300H	5.50	9.41	35.13	37.20	1.59	0.52	37.33	5.93	0.69
Morticelli	Morticelli	67	MO0004_A	TR200_0400H	5.50	9.28	35.13	37.14	1.68	0.57	37.28	5.53	0.65
Morticelli	Morticelli	67	MO0004_A	TR200_0500H	5.50	9.45	35.13	37.08	1.83	0.64	37.25	5.17	0.61
Morticelli	Morticelli	66.1		TR200_0030H	1.50	9.86	35.08	36.96	1.06	0.30	37.02	9.27	1.07
Morticelli	Morticelli	66.1		TR200_0050H	1.50	10.14	35.08	37.10	0.99	0.27	37.15	10.22	1.12
Morticelli	Morticelli	66.1		TR200_0100H	1.50	10.37	35.08	37.23	0.93	0.24	37.27	11.20	1.20
Morticelli	Morticelli	66.1		TR200_0150H	1.50	10.73	35.08	37.24	0.95	0.24	37.29	11.31	1.20
Morticelli	Morticelli	66.1		TR200_0200H	1.50	10.59	35.08	37.24	0.94	0.24	37.28	11.27	1.20
Morticelli	Morticelli	66.1		TR200_0300H	1.50	10.09	35.08	37.22	0.91	0.24	37.26	11.12	1.19
Morticelli	Morticelli	66.1		TR200_0400H	1.50	10.07	35.08	37.15	0.95	0.25	37.19	10.59	1.15
Morticelli	Morticelli	66.1		TR200_0500H	1.50	10.22	35.08	37.08	1.01	0.28	37.13	10.08	1.12
Morticelli	Morticelli	64.9		TR200_0030H	2.00	9.85	35.08	36.84	1.17	0.33	36.91	8.44	1.02
Morticelli	Morticelli	64.9		TR200_0050H	2.00	10.13	35.08	36.90	1.15	0.32	36.97	8.84	1.04
Morticelli	Morticelli	64.9		TR200_0100H	2.00	10.36	35.08	36.97	1.11	0.31	37.03	9.32	1.07
Morticelli	Morticelli	64.9		TR200_0150H	2.00	10.68	35.08	36.99	1.13	0.31	37.06	9.49	1.08
Morticelli	Morticelli	64.9		TR200_0200H	2.00	10.60	35.08	36.99	1.12	0.31	37.05	9.45	1.08
Morticelli	Morticelli	64.9		TR200_0300H	2.00	10.09	35.08	36.95	1.10	0.31	37.01	9.19	1.06
Morticelli	Morticelli	64.9		TR200_0400H	2.00	10.07	35.08	36.92	1.12	0.32	36.99	8.97	1.05
Morticelli	Morticelli	64.9		TR200_0500H	2.00	10.11	35.08	36.89	1.15	0.33	36.96	8.76	1.04
Morticelli	Morticelli	64	MO0006_D	TR200_0030H	13.78	9.85	34.93	36.74	2.08	0.65	36.96	4.73	0.79
Morticelli	Morticelli	64	MO0006_D	TR200_0050H	13.78	10.13	34.93	36.80	2.04	0.62	37.01	4.98	0.81
Morticelli	Morticelli	64	MO0006_D	TR200_0100H	13.78	10.36	34.93	36.86	1.96	0.59	37.06	5.29	0.84
Morticelli	Morticelli	64	MO0006_D	TR200_0150H	13.78	10.67	34.93	36.89	1.98	0.59	37.09	5.39	0.85
Morticelli	Morticelli	64	MO0006_D	TR200_0200H	13.78	10.60	34.93	36.88	1.98	0.59	37.08	5.36	0.85
Morticelli	Morticelli	64	MO0006_D	TR200_0300H	13.78	10.08	34.93	36.85	1.94	0.58	37.04	5.20	0.84
Morticelli	Morticelli	64	MO0006_D	TR200_0400H	13.78	10.07	34.93	36.82	1.99	0.61	37.02	5.06	0.82
Morticelli	Morticelli	64	MO0006_D	TR200_0500H	13.78	10.11	34.93	36.79	2.05	0.63	37.00	4.92	0.81
Morticelli	Morticelli	63	MO0007_	TR200_0030H	13.87	8.62	34.60	36.22	1.96	0.59	36.41	4.40	0.79
Morticelli	Morticelli	63	MO0007_	TR200_0050H	13.87	8.94	34.60	36.29	1.90	0.56	36.47	4.69	0.82
Morticelli	Morticelli	63	MO0007_	TR200_0100H	13.87	6.43	34.60	36.48	1.18	0.32	36.55	5.47	0.90
Morticelli	Morticelli	63	MO0007_	TR200_0150H	13.87	5.84	34.60	36.57	1.01	0.27	36.62	5.79	0.93
Morticelli	Morticelli	63	MO0007_	TR200_0200H	13.87	5.47	34.60	36.57	0.94	0.25	36.62	5.82	0.93
Morticelli	Morticelli	63	MO0007_	TR200_0300H	13.87	5.97	34.60	36.53	1.06	0.28	36.59	5.65	0.91
Morticelli	Morticelli	63	MO0007_	TR200_0400H	13.87	6.38	34.60	36.48	1.17	0.32	36.55	5.45	0.90
Morticelli	Morticelli	63	MO0007_	TR200_0500H	13.87	6.64	34.60	36.43	1.27	0.35	36.51	5.25	0.88
Morticelli	Morticelli	62	MO0008_	TR200_0030H	14.11	12.02	33.89	35.71	1.64	0.49	35.85	7.32	0.90
Morticelli	Morticelli	62	MO0008	TR200_0050H	14.11	13.09	33.89	35.79	1.67	0.48	35.93	7.86	0.94
Morticelli	Morticelli	62	MO0008_	TR200_0100H	14.11	14.20	33.89	35.89	1.67	0.46	36.04	8.50	1.00
Morticelli	Morticelli	62	MO0008_	TR200_0150H	14.11	14.60	33.89	35.93	1.68	0.46	36.07	8.71	1.01
Morticelli	Morticelli	62	MO0008	TR200_0200H	14.11	14.59	33.89	35.93	1.68	0.46	36.07	8.71	1.01
Morticelli	Morticelli	62	MO0008_	TR200_0300H	14.11								

River	Reach	River Sta		Plan	Length Chnl	Q Total	Min Ch El	W.S. Elev	Vel Total	Froude # XS	E.G. Elev	Area	Hydr Radius
					(m)	(m3/s)	(m)	(m)	(m/s)		(m)	(m2)	(m)
Morticelli	Morticelli	61	MO0009_	TR200_0500H	14.50	9.75	33.46	35.50	1.90	0.50	35.69	5.12	0.87
Morticelli	Morticelli	60	MO0010_	TR200_0030H	14.53	8.60	33.20	35.10	1.47	0.42	35.21	5.84	0.91
Morticelli	Morticelli	60	MO0010_	TR200_0050H	14.53	9.36	33.20	35.19	1.49	0.41	35.31	6.28	0.95
Morticelli	Morticelli	60	MO0010_	TR200_0100H	14.53	10.26	33.20	35.33	1.49	0.39	35.44	6.88	1.00
Morticelli	Morticelli	60	MO0010_	TR200_0150H	14.53	9.86	33.20	35.42	1.35	0.34	35.51	7.29	1.03
Morticelli	Morticelli	60	MO0010_	TR200_0200H	14.53	9.93	33.20	35.43	1.35	0.34	35.53	7.38	1.04
Morticelli	Morticelli	60	MO0010_	TR200_0300H	14.53	9.64	33.20	35.41	1.33	0.34	35.50	7.27	1.03
Morticelli	Morticelli	60	MO0010_	TR200_0400H	14.53	9.30	33.20	35.37	1.32	0.34	35.45	7.06	1.02
Morticelli	Morticelli	60	MO0010_	TR200_0500H	14.53	8.86	33.20	35.30	1.31	0.34	35.39	6.76	0.99
Morticelli	Morticelli	59	MO0011_	TR200_0030H	12.84	9.55	32.60	34.60	1.40	0.40	34.70	6.84	0.96
Morticelli	Morticelli	59	MO0011_	TR200_0050H	12.84	10.29	32.60	34.89	1.21	0.32	34.97	8.47	1.07
Morticelli	Morticelli	59	MO0011_	TR200_0100H	12.84	8.89	32.60	35.19	0.87	0.22	35.22	10.24	1.17
Morticelli	Morticelli	59	MO0011_	TR200_0150H	12.84	8.88	32.60	35.32	0.77	0.23	35.35	11.49	0.88
Morticelli	Morticelli	59	MO0011_	TR200_0200H	12.84	8.99	32.60	35.34	0.77	0.23	35.37	11.70	0.89
Morticelli	Morticelli	59	MO0011_	TR200_0300H	12.84	8.82	32.60	35.31	0.77	0.24	35.34	11.41	0.87
Morticelli	Morticelli	59	MO0011_	TR200_0400H	12.84	8.57	32.60	35.25	0.80	0.25	35.29	10.78	0.83
Morticelli	Morticelli	59	MO0011_	TR200_0500H	12.84	9.15	32.60	35.15	0.91	0.23	35.19	10.00	1.16
Morticelli	Morticelli	58	MO0012_A	TR200_0030H	4.85	18.59	32.16	34.13	2.63	0.77	34.49	7.05	0.96
Morticelli	Morticelli	58	MO0012_A	TR200_0050H	4.85	24.50	32.16	34.41	2.82	0.76	34.81	8.69	1.08
Morticelli	Morticelli	58	MO0012_A	TR200_0100H	4.85	29.61	32.16	34.66	2.88	0.73	35.08	10.30	1.18
Morticelli	Morticelli	58	MO0012_A	TR200_0150H	4.85	31.89	32.16	34.78	2.88	0.71	35.20	11.07	1.23
Morticelli	Morticelli	58	MO0012_A	TR200_0200H	4.85	32.22	32.16	34.80	2.88	0.71	35.22	11.20	1.23
Morticelli	Morticelli	58	MO0012_A	TR200_0300H	4.85	31.61	32.16	34.77	2.87	0.71	35.19	11.02	1.22
Morticelli	Morticelli	58	MO0012_A	TR200_0400H	4.85	30.40	32.16	34.71	2.85	0.72	35.13	10.65	1.20
Morticelli	Morticelli	58	MO0012_A	TR200_0500H	4.85	28.45	32.16	34.63	2.82	0.72	35.03	10.10	1.17
Morticelli	Morticelli	57.1		TR200_0030H	1.50	18.59	31.93	34.09	2.18	0.47	34.33	8.53	1.03
Morticelli	Morticelli	57.1		TR200_0050H	1.50	24.50	31.93	34.36	2.55	0.52	34.69	9.62	1.09
Morticelli	Morticelli	57.1		TR200_0100H	1.50	29.61	31.93	34.63	2.78	0.54	35.02	10.66	1.14
Morticelli	Morticelli	57.1		TR200_0150H	1.50	31.89	31.93	34.74	2.87	0.55	35.16	11.12	1.16
Morticelli	Morticelli	57.1		TR200_0200H	1.50	32.22	31.93	34.76	2.88	0.55	35.18	11.20	1.17
Morticelli	Morticelli	57.1		TR200_0300H	1.50	31.61	31.93	34.74	2.85	0.54	35.15	11.10	1.16
Morticelli	Morticelli	57.1		TR200_0400H	1.50	30.40	31.93	34.68	2.79	0.54	35.08	10.88	1.15
Morticelli	Morticelli	57.1		TR200_0500H	1.50	28.45	31.93	34.60	2.70	0.53	34.97	10.55	1.14
Morticelli	Morticelli	55.9		TR200_0030H	4.80	18.59	31.93	33.94	2.34	0.53	34.22	7.95	1.00
Morticelli	Morticelli	55.9		TR200_0050H	4.80	24.50	31.93	34.11	2.85	0.62	34.52	8.61	1.04
Morticelli	Morticelli	55.9		TR200_0100H	4.80	29.61	31.93	34.28	3.19	0.67	34.80	9.28	1.07
Morticelli	Morticelli	55.9		TR200_0150H	4.80	31.89	31.93	34.35	3.33	0.68	34.92	9.58	1.09
Morticelli	Morticelli	55.9		TR200_0200H	4.80	32.20	31.93	34.37	3.33	0.68	34.94	9.66	1.09
Morticelli	Morticelli	55.9		TR200_0300H	4.80	31.56	31.93	34.38	3.26	0.67	34.92	9.67	1.09
Morticelli	Morticelli	55.9		TR200_0400H	4.80	30.31	31.93	34.36	3.16	0.65	34.87	9.59	1.09
Morticelli	Morticelli	55.9		TR200_0500H	4.80	28.32	31.93	34.32	2.99	0.62	34.78	9.46	1.08
Morticelli	Morticelli	55	MO0014_D	TR200_0030H	14.48	18.58	31.90	33.89	2.48	0.69	34.20	7.49	1.01
Morticelli	Morticelli	55	MO0014_D	TR200_0050H	14.48	24.50	31.90	34.06	2.89	0.77	34.49	8.49	1.08
Morticelli	Morticelli	55	MO0014_D	TR200_0100H	14.48	29.61	31.90	34.23	3.13	0.80	34.73	9.45	1.14
Morticelli	Morticelli	55	MO0014_D	TR200_0150H	14.48	31.89	31.90	34.29	3.23	0.81	34.83	9.87	1.17
Morticelli	Morticelli	55	MO0014_D	TR200_0200H	14.48	32.20	31.90	34.31	3.22	0.81	34.84	9.99	1.18
Morticelli	Morticelli	55	MO0014_D	TR200_0300H	14.48	31.52	31.90	34.32	3.14	0.79	34.82	10.03	1.18
Morticelli	Morticelli	55	MO0014_D	TR200_0400H	14.48	30.19	31.90	34.31	3.03	0.76	34.78	9.96	1.18
Morticelli	Morticelli	55	MO0014_D	TR200_0500H	14.48	28.26	31.90	34.29	2.88	0.73	34.71	9.81	1.17
Morticelli	Morticelli	54	MO0015_	TR200_0030H	13.41	11.27	31.55	33.61	1.52	0.42	33.73	7.41	1.00
Morticelli	Morticelli	54	MO0015_	TR200_0050H	13.41	13.47	31.55	33.69	1.72	0.46	33.84	7.84	1.03
Morticelli	Morticelli	54	MO0015_	TR200_0100H	13.41	12.10	31.55	33.82	1.41	0.37	33.92	8.56	1.07
Morticelli	Morticelli	54	MO0015_	TR200_0150H	13.41	9.96	31.55	33.99	1.04	0.26	34.04	9.57	1.13
Morticelli	Morticelli	54	MO0015_	TR200_0200H	13.41	14.48	31.55	34.06	1.45	0.36	34.16	10.00	1.16
Morticelli	Morticelli	54	MO0015_	TR200_0300H	13.41	15.23	31.55	34.16	1.43	0.35	34.26	10.63	1.19
Morticelli	Morticelli	54	MO0015_	TR200_0400H	13.41	15.50	31.55	34.19	1.43	0.35	34.29	10.83	1.20
Morticelli	Morticelli	54	MO0015_	TR200_0500H	13.41	15.15	31.55	34.21	1.38	0.34	34.31	10.96	1.21
Morticelli	Morticelli	53	MO0016_	TR200_0030H	13.91	12.53	31.20	33.23	1.66	0.47	33.37	7.56	1.00
Morticelli	Morticelli	53	MO0016_	TR200_0050H	13.91	11.11	31.20	33.35	1.34	0.37	33.45	8.28	1.05
Morticelli	Morticelli	53	MO0016_	TR200_0100H	13.91	9.99	31.20	33.71	0.90	0.26	33.75	11.06	0.98
Morticelli	Morticelli	53	MO0016_	TR200_0150H	13.91	10.38	31.20	33.91	0.80	0.21	33.95	12.90	1.10
Morticelli	Morticelli	53	MO0016_	TR200_0200H	13.91	10.72	31.20	34.03	0.77	0.20	34.06	13.91	1.17
Morticelli	Morticelli	53	MO0016_	TR200_0300H	13.91	11.44	31.20	34.13	0.77	0.19	34.16	14.86	1.22
Morticelli	Morticelli	53	MO0016_	TR200_0400H	13.91	11.64	31.20	34.17	0.77	0.19	34.20	15.15	1.24
Morticelli	Morticelli	53	MO0016_	TR200_0500H	13.91	11.68	31.20	34.18	0.76	0.19	34.21	15.29	1.25
Morticelli	Morticelli	52	MO0017_	TR200_0030H	12.70	7.96	30.66	33.02	0.80	0.25	33.05	10.00	0.83
Morticelli	Morticelli	52	MO0017_	TR200_0050H	12.70	7.48	30.66	33.30	0.58	0.17	33.32	12.81	1.02
Morticelli	Morticelli	52	MO0017_	TR200_0100H	12.70	7.26	30.66	33.70	0.43	0.11	33.71	16.80	1.26
Morticelli	Morticelli	52	MO0017_	TR200_0150H	12.70	7.71	30.66	33.91	0.41	0.09	33.92	18.92	1.37
Morticelli	Morticelli	52	MO0017_	TR200_0200H	12.70	8.07	30.66	34.02	0.40	0.09	34.03	20.06	1.43
Morticelli	Morticelli	52	MO0017_	TR200_0300H	12.70	8.70	30.66	34.13	0.41	0.09	34.14	21.14	1.49
Morticelli	Morticelli	52	MO0017_	TR200_0400H	12.70	8.85	30.66	34.16	0.41	0.09	34.17	21.47	1.50
Morticelli	Morticelli	52	MO0017_	TR200_0500H	12.70	8.90	30.66	34.18	0.41	0.09	34.19	21.62	1.51
Morticelli	Morticelli	51	MO0018_	TR200_0030H	13.28	7.57	30.32	32.99	0.65	0.16	33.02	11.68	1.26
Morticelli	Morticelli	51	MO0018_	TR200_0050H	13.28	5.70	30.32	33.30	0.41	0.09	33.31	13.76	1.40
Morticelli	Morticelli	51	MO0018_	TR200_0100H	13.28	2.61	30.32	33.70	0.16	0.03	33.71	16.54	1.55
Morticelli	Morticelli	51	MO0018_	TR200_0150H	13.28	3.80	30.32	33.91	0.21	0.04	33.92	17.97	1.62
Morticelli	Morticelli	51	MO0018_	TR200_0200H	13.28	5.36	30.32	34.03	0.29	0.06	34.03	18.73	1.66

River	Reach	River Sta	Plan	Length Chnl (m)	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Vel Total (m/s)	Froude # XS	E.G. Elev (m)	Area (m2)	Hydr Radius (m)
Morticelli	Morticelli	51 MO0018__	TR200_0300H	13.28	7.00	30.32	34.13	0.36	0.07	34.14	19.44	1.69
Morticelli	Morticelli	51 MO0018__	TR200_0400H	13.28	7.18	30.32	34.16	0.37	0.07	34.17	19.66	1.70
Morticelli	Morticelli	51 MO0018__	TR200_0500H	13.28	7.24	30.32	34.18	0.37	0.07	34.18	19.77	1.70
Morticelli	Morticelli	50.200	TR200_0030H	8.28	12.14	30.18	32.88	0.90	0.18	32.92	13.43	1.30
Morticelli	Morticelli	50.200	TR200_0050H	8.28	15.70	30.18	33.11	1.07	0.20	33.17	14.62	1.35
Morticelli	Morticelli	50.200	TR200_0100H	8.28	21.11	30.18	33.45	1.29	0.23	33.54	16.34	1.42
Morticelli	Morticelli	50.200	TR200_0150H	8.28	24.04	30.18	33.64	1.39	0.24	33.74	17.30	1.46
Morticelli	Morticelli	50.200	TR200_0200H	8.28	25.73	30.18	33.75	1.44	0.25	33.85	17.83	1.48
Morticelli	Morticelli	50.200	TR200_0300H	8.28	27.39	30.18	33.85	1.49	0.25	33.96	18.34	1.49
Morticelli	Morticelli	50.200	TR200_0400H	8.28	27.90	30.18	33.88	1.51	0.25	33.99	18.49	1.50
Morticelli	Morticelli	50.200	TR200_0500H	8.28	28.15	30.18	33.89	1.52	0.25	34.01	18.56	1.50
Morticelli	Morticelli	50.150	TR200_0030H	5.00	12.14	30.15	32.87	0.90	0.17	32.91	13.56	1.31
Morticelli	Morticelli	50.150	TR200_0050H	5.00	15.70	30.15	33.10	1.07	0.20	33.16	14.73	1.36
Morticelli	Morticelli	50.150	TR200_0100H	5.00	21.11	30.15	33.44	1.28	0.23	33.53	16.45	1.43
Morticelli	Morticelli	50.150	TR200_0150H	5.00	24.04	30.15	33.63	1.38	0.24	33.73	17.40	1.46
Morticelli	Morticelli	50.150	TR200_0200H	5.00	25.73	30.15	33.74	1.43	0.24	33.84	17.93	1.48
Morticelli	Morticelli	50.150	TR200_0300H	5.00	27.39	30.15	33.84	1.49	0.25	33.95	18.43	1.50
Morticelli	Morticelli	50.150	TR200_0400H	5.00	27.90	30.15	33.87	1.50	0.25	33.98	18.59	1.50
Morticelli	Morticelli	50.150	TR200_0500H	5.00	28.15	30.15	33.88	1.51	0.25	34.00	18.66	1.51
Morticelli	Morticelli	50 MO0019__	TR200_0030H	9.13	12.13	30.15	32.04	1.29	0.30	32.12	9.38	1.08
Morticelli	Morticelli	50 MO0019__	TR200_0050H	9.13	15.76	30.15	32.17	1.57	0.35	32.30	10.06	1.12
Morticelli	Morticelli	50 MO0019__	TR200_0100H	9.13	21.11	30.15	32.27	2.00	0.44	32.48	10.56	1.15
Morticelli	Morticelli	50 MO0019__	TR200_0150H	9.13	24.03	30.15	32.32	2.22	0.48	32.57	10.80	1.16
Morticelli	Morticelli	50 MO0019__	TR200_0200H	9.13	20.06	30.15	32.41	1.78	0.38	32.57	11.25	1.19
Morticelli	Morticelli	50 MO0019__	TR200_0300H	9.13	23.24	30.15	32.45	2.03	0.43	32.66	11.45	1.20
Morticelli	Morticelli	50 MO0019__	TR200_0400H	9.13	25.65	30.15	32.46	2.23	0.47	32.71	11.48	1.20
Morticelli	Morticelli	50 MO0019__	TR200_0500H	9.13	27.03	30.15	32.46	2.35	0.50	32.74	11.50	1.20
Morticelli	Morticelli	49 MO0020__	TR200_0030H	14.23	12.13	30.04	32.01	1.22	0.42	32.08	9.95	0.77
Morticelli	Morticelli	49 MO0020__	TR200_0050H	14.23	15.67	30.04	32.14	1.36	0.44	32.24	11.53	0.87
Morticelli	Morticelli	49 MO0020__	TR200_0100H	14.23	21.01	30.04	32.24	1.65	0.51	32.38	12.73	0.94
Morticelli	Morticelli	49 MO0020__	TR200_0150H	14.23	12.11	30.04	32.31	0.89	0.27	32.35	13.54	0.99
Morticelli	Morticelli	49 MO0020__	TR200_0200H	14.23	17.00	30.04	32.40	1.16	0.34	32.47	14.60	1.05
Morticelli	Morticelli	49 MO0020__	TR200_0300H	14.23	22.83	30.04	32.45	1.49	0.44	32.56	15.29	1.03
Morticelli	Morticelli	49 MO0020__	TR200_0400H	14.23	25.26	30.04	32.45	1.66	0.49	32.59	15.25	1.03
Morticelli	Morticelli	49 MO0020__	TR200_0500H	14.23	26.65	30.04	32.44	1.76	0.52	32.60	15.18	1.04
Morticelli	Morticelli	48 MO0021__	TR200_0030H	14.34	12.14	29.92	31.72	1.19	0.40	31.79	10.24	0.79
Morticelli	Morticelli	48 MO0021__	TR200_0050H	14.34	14.08	29.92	31.84	1.21	0.39	31.92	11.66	0.88
Morticelli	Morticelli	48 MO0021__	TR200_0100H	14.34	16.79	29.92	31.94	1.31	0.41	32.02	12.80	0.95
Morticelli	Morticelli	48 MO0021__	TR200_0150H	14.34	18.27	29.92	31.97	1.38	0.42	32.07	13.27	0.97
Morticelli	Morticelli	48 MO0021__	TR200_0200H	14.34	18.97	29.92	31.99	1.41	0.43	32.09	13.48	0.98
Morticelli	Morticelli	48 MO0021__	TR200_0300H	14.34	20.18	29.92	32.02	1.45	0.44	32.13	13.87	1.00
Morticelli	Morticelli	48 MO0021__	TR200_0400H	14.34	20.63	29.92	32.04	1.47	0.45	32.15	14.03	0.96
Morticelli	Morticelli	48 MO0021__	TR200_0500H	14.34	20.83	29.92	32.04	1.48	0.46	32.15	14.12	0.95
Morticelli	Morticelli	47 MO0022__	TR200_0030H	13.31	12.29	29.75	31.37	1.50	0.47	31.48	8.22	0.93
Morticelli	Morticelli	47 MO0022__	TR200_0050H	13.31	14.75	29.75	31.50	1.58	0.47	31.63	9.32	1.01
Morticelli	Morticelli	47 MO0022__	TR200_0100H	13.31	17.46	29.75	31.61	1.71	0.49	31.76	10.23	1.07
Morticelli	Morticelli	47 MO0022__	TR200_0150H	13.31	18.33	29.75	31.65	1.74	0.50	31.80	10.55	1.09
Morticelli	Morticelli	47 MO0022__	TR200_0200H	13.31	18.80	29.75	31.67	1.75	0.50	31.83	10.72	1.10
Morticelli	Morticelli	47 MO0022__	TR200_0300H	13.31	19.73	29.75	31.71	1.79	0.50	31.87	11.03	1.12
Morticelli	Morticelli	47 MO0022__	TR200_0400H	13.31	19.99	29.75	31.72	1.80	0.50	31.88	11.13	1.12
Morticelli	Morticelli	47 MO0022__	TR200_0500H	13.31	20.08	29.75	31.72	1.80	0.50	31.89	11.17	1.13
Morticelli	Morticelli	46 MO0023__	TR200_0030H	13.66	12.29	29.36	31.04	1.58	0.50	31.17	7.79	0.91
Morticelli	Morticelli	46 MO0023__	TR200_0050H	13.66	14.69	29.36	31.19	1.65	0.50	31.33	8.92	0.98
Morticelli	Morticelli	46 MO0023__	TR200_0100H	13.66	17.07	29.36	31.24	1.82	0.54	31.41	9.39	1.02
Morticelli	Morticelli	46 MO0023__	TR200_0150H	13.66	17.91	29.36	31.26	1.88	0.56	31.44	9.54	1.03
Morticelli	Morticelli	46 MO0023__	TR200_0200H	13.66	18.34	29.36	31.27	1.91	0.56	31.46	9.62	1.03
Morticelli	Morticelli	46 MO0023__	TR200_0300H	13.66	19.02	29.36	31.29	1.94	0.57	31.48	9.78	1.04
Morticelli	Morticelli	46 MO0023__	TR200_0400H	13.66	19.24	29.36	31.30	1.96	0.57	31.49	9.83	1.05
Morticelli	Morticelli	46 MO0023__	TR200_0500H	13.66	19.36	29.36	31.30	1.97	0.58	31.50	9.84	1.05
Morticelli	Morticelli	45 MO0024__	TR200_0030H	14.22	12.29	29.12	30.71	1.52	0.49	30.83	8.08	0.91
Morticelli	Morticelli	45 MO0024__	TR200_0050H	14.22	14.16	29.12	30.87	1.49	0.50	30.98	9.49	0.84
Morticelli	Morticelli	45 MO0024__	TR200_0100H	14.22	15.39	29.12	30.94	1.51	0.50	31.05	10.22	0.85
Morticelli	Morticelli	45 MO0024__	TR200_0150H	14.22	12.48	29.12	30.97	1.19	0.39	31.04	10.53	0.87
Morticelli	Morticelli	45 MO0024__	TR200_0200H	14.22	14.17	29.12	31.01	1.29	0.42	31.09	10.99	0.90
Morticelli	Morticelli	45 MO0024__	TR200_0300H	14.22	15.22	29.12	31.06	1.31	0.42	31.15	11.58	0.94
Morticelli	Morticelli	45 MO0024__	TR200_0400H	14.22	15.33	29.12	31.07	1.32	0.41	31.15	11.65	0.94
Morticelli	Morticelli	45 MO0024__	TR200_0500H	14.22	15.44	29.12	31.06	1.33	0.42	31.15	11.64	0.94
Morticelli	Morticelli	44 MO0025_A	TR200_0030H	6.44	12.35	28.71	30.47	1.66	0.52	30.61	7.43	0.92
Morticelli	Morticelli	44 MO0025_A	TR200_0050H	6.44	14.23	28.71	30.62	1.67	0.50	30.76	8.53	0.99
Morticelli	Morticelli	44 MO0025_A	TR200_0100H	6.44	15.28	28.71	30.70	1.67	0.49	30.84	9.15	1.03
Morticelli	Morticelli	44 MO0025_A	TR200_0150H	6.44	15.58	28.71	30.73	1.66	0.48	30.87	9.40	1.05
Morticelli	Morticelli	44 MO0025_A	TR200_0200H	6.44	15.75	28.71	30.75	1.65	0.48	30.89	9.52	1.06
Morticelli	Morticelli	44 MO0025_A	TR200_0300H	6.44	15.85	28.71	30.84	1.54	0.43	30.96	10.26	1.11
Morticelli	Morticelli	44 MO0025_A	TR200_0400H	6.44	15.42	28.71	30.87	1.46	0.48	30.98	10.54	0.85
Morticelli	Morticelli	44 MO0025_A	TR200_0500H	6.44	15.34	28.71	30.88	1.44	0.47	30.99	10.62	0.86
Morticelli	Morticelli	43.1	TR200_0030H	1.50	12.35	28.78	30.39	1.97	0.50	30.59	6.28	0.88
Morticelli	Morticelli	43.1	TR200_0050H	1.50	14.23	28.78	30.51	2.10	0.51	30.74	6.76	0.92
Morticelli	Morticelli	43.1	TR200_0100H	1.50	15.28	28.78	30.58	2.17	0.52	30.82	7.03	0.94

River	Reach	River Sta		Plan	Length Chnl	Q Total	Min Ch El	W.S. Elev	Vel Total	Froude # XS	E.G. Elev	Area	Hydr Radius
					(m)	(m3/s)	(m)	(m)	(m/s)		(m)	(m2)	(m)
Morticelli	Morticelli	43.1		TR200_0150H	1.50	15.58	28.78	30.61	2.18	0.52	30.85	7.14	0.95
Morticelli	Morticelli	43.1		TR200_0200H	1.50	15.75	28.78	30.63	2.19	0.51	30.87	7.20	0.95
Morticelli	Morticelli	43.1		TR200_0300H	1.50	15.84	28.78	30.72	2.09	0.48	30.95	7.58	0.97
Morticelli	Morticelli	43.1		TR200_0400H	1.50	15.42	28.78	30.76	2.00	0.45	30.96	7.72	0.98
Morticelli	Morticelli	43.1		TR200_0500H	1.50	15.34	28.78	30.77	1.98	0.45	30.97	7.75	0.98
Morticelli	Morticelli	41.9		TR200_0030H	8.05	12.35	28.78	30.27	2.13	0.56	30.50	5.79	0.84
Morticelli	Morticelli	41.9		TR200_0050H	8.05	14.23	28.78	30.37	2.30	0.58	30.64	6.19	0.88
Morticelli	Morticelli	41.9		TR200_0100H	8.05	15.28	28.78	30.43	2.38	0.59	30.72	6.42	0.89
Morticelli	Morticelli	41.9		TR200_0150H	8.05	15.57	28.78	30.46	2.38	0.59	30.75	6.54	0.90
Morticelli	Morticelli	41.9		TR200_0200H	8.05	15.74	28.78	30.47	2.38	0.59	30.76	6.60	0.91
Morticelli	Morticelli	41.9		TR200_0300H	8.05	15.84	28.78	30.49	2.37	0.58	30.78	6.68	0.91
Morticelli	Morticelli	41.9		TR200_0400H	8.05	15.39	28.78	30.50	2.29	0.56	30.77	6.71	0.91
Morticelli	Morticelli	41.9		TR200_0500H	8.05	15.33	28.78	30.50	2.28	0.56	30.77	6.72	0.92
Morticelli	Morticelli	41	MO0027_D	TR200_0030H	14.49	12.35	28.69	30.28	1.51	0.48	30.40	8.19	0.91
Morticelli	Morticelli	41	MO0027_D	TR200_0050H	14.49	14.23	28.69	30.39	1.57	0.49	30.51	9.07	0.97
Morticelli	Morticelli	41	MO0027_D	TR200_0100H	14.49	15.28	28.69	30.44	1.60	0.49	30.57	9.57	1.00
Morticelli	Morticelli	41	MO0027_D	TR200_0150H	14.49	15.57	28.69	30.48	1.57	0.48	30.61	9.89	1.01
Morticelli	Morticelli	41	MO0027_D	TR200_0200H	14.49	15.74	28.69	30.50	1.57	0.47	30.62	10.04	1.02
Morticelli	Morticelli	41	MO0027_D	TR200_0300H	14.49	15.84	28.69	30.52	1.55	0.46	30.64	10.24	1.03
Morticelli	Morticelli	41	MO0027_D	TR200_0400H	14.49	15.39	28.69	30.53	1.49	0.44	30.65	10.35	1.04
Morticelli	Morticelli	41	MO0027_D	TR200_0500H	14.49	15.32	28.69	30.54	1.48	0.44	30.65	10.37	1.04
Morticelli	Morticelli	40	MO0028_	TR200_0030H	14.04	12.34	28.38	29.88	1.80	0.60	30.05	6.86	0.84
Morticelli	Morticelli	40	MO0028_	TR200_0050H	14.04	14.23	28.38	29.99	1.86	0.60	30.16	7.66	0.89
Morticelli	Morticelli	40	MO0028_	TR200_0100H	14.04	15.38	28.38	30.05	1.89	0.60	30.23	8.15	0.92
Morticelli	Morticelli	40	MO0028_	TR200_0150H	14.04	15.73	28.38	30.13	1.79	0.55	30.29	8.81	0.96
Morticelli	Morticelli	40	MO0028_	TR200_0200H	14.04	15.55	28.38	30.16	1.71	0.53	30.31	9.09	0.97
Morticelli	Morticelli	40	MO0028_	TR200_0300H	14.04	16.34	28.38	30.20	1.75	0.53	30.35	9.35	0.99
Morticelli	Morticelli	40	MO0028_	TR200_0400H	14.04	16.03	28.38	30.25	1.63	0.49	30.39	9.84	1.01
Morticelli	Morticelli	40	MO0028_	TR200_0500H	14.04	16.01	28.38	30.26	1.62	0.49	30.39	9.91	1.02
Morticelli	Morticelli	39	MO0029_	TR200_0030H	14.17	12.34	27.95	29.42	1.89	0.63	29.60	6.53	0.83
Morticelli	Morticelli	39	MO0029_	TR200_0050H	14.17	14.23	27.95	29.54	1.91	0.61	29.73	7.44	0.89
Morticelli	Morticelli	39	MO0029_	TR200_0100H	14.17	13.49	27.95	29.73	1.52	0.47	29.84	8.88	0.97
Morticelli	Morticelli	39	MO0029_	TR200_0150H	14.17	14.60	27.95	29.88	1.43	0.42	29.99	10.22	1.05
Morticelli	Morticelli	39	MO0029_	TR200_0200H	14.17	15.48	27.95	29.91	1.48	0.45	30.02	10.48	1.00
Morticelli	Morticelli	39	MO0029_	TR200_0300H	14.17	16.39	27.95	29.92	1.56	0.48	30.04	10.54	0.97
Morticelli	Morticelli	39	MO0029_	TR200_0400H	14.17	17.08	27.95	29.99	1.50	0.50	30.10	11.37	0.85
Morticelli	Morticelli	39	MO0029_	TR200_0500H	14.17	17.19	27.95	30.00	1.50	0.50	30.11	11.47	0.86
Morticelli	Morticelli	38	MO0030_	TR200_0030H	14.58	12.34	27.14	29.11	1.42	0.42	29.21	8.72	1.01
Morticelli	Morticelli	38	MO0030_	TR200_0050H	14.58	14.23	27.14	29.25	1.45	0.41	29.36	9.84	1.08
Morticelli	Morticelli	38	MO0030_	TR200_0100H	14.58	13.45	27.14	29.60	1.05	0.28	29.66	12.76	1.23
Morticelli	Morticelli	38	MO0030_	TR200_0150H	14.58	14.18	27.14	29.78	0.99	0.26	29.83	14.39	1.23
Morticelli	Morticelli	38	MO0030_	TR200_0200H	14.58	15.02	27.14	29.79	1.04	0.28	29.84	14.49	1.21
Morticelli	Morticelli	38	MO0030_	TR200_0300H	14.58	15.93	27.14	29.78	1.11	0.30	29.84	14.36	1.23
Morticelli	Morticelli	38	MO0030_	TR200_0400H	14.58	16.63	27.14	29.83	1.11	0.31	29.89	14.94	1.14
Morticelli	Morticelli	38	MO0030_	TR200_0500H	14.58	17.00	27.14	29.83	1.14	0.32	29.90	14.98	1.14
Morticelli	Morticelli	37	MO0031_A	TR200_0030H	3.63	12.51	27.02	28.84	1.69	0.50	28.98	7.42	0.97
Morticelli	Morticelli	37	MO0031_A	TR200_0050H	3.63	14.42	27.02	29.00	1.70	0.49	29.14	8.48	1.04
Morticelli	Morticelli	37	MO0031_A	TR200_0100H	3.63	17.07	27.02	29.32	1.56	0.51	29.44	10.94	0.84
Morticelli	Morticelli	37	MO0031_A	TR200_0150H	3.63	15.33	27.02	29.55	1.10	0.34	29.62	13.93	0.95
Morticelli	Morticelli	37	MO0031_A	TR200_0200H	3.63	15.47	27.02	29.60	1.07	0.32	29.66	14.51	0.98
Morticelli	Morticelli	37	MO0031_A	TR200_0300H	3.63	16.30	27.02	29.63	1.09	0.32	29.69	14.91	1.01
Morticelli	Morticelli	37	MO0031_A	TR200_0400H	3.63	17.45	27.02	29.67	1.14	0.33	29.73	15.36	1.03
Morticelli	Morticelli	37	MO0031_A	TR200_0500H	3.63	17.69	27.02	29.67	1.15	0.33	29.74	15.43	1.04
Morticelli	Morticelli	36.1		TR200_0030H	1.50	12.51	27.19	28.74	2.02	0.52	28.95	6.18	0.87
Morticelli	Morticelli	36.1		TR200_0050H	1.50	14.42	27.19	28.88	2.14	0.53	29.11	6.74	0.91
Morticelli	Morticelli	36.1		TR200_0100H	1.50	17.07	27.19	29.17	2.16	0.49	29.41	7.92	1.00
Morticelli	Morticelli	36.1		TR200_0150H	1.50	15.33	27.19	29.45	1.69	0.39	29.59	9.08	1.01
Morticelli	Morticelli	36.1		TR200_0200H	1.50	15.33	27.19	29.49	1.65	0.38	29.63	9.31	1.01
Morticelli	Morticelli	36.1		TR200_0300H	1.50	16.21	27.19	29.51	1.72	0.40	29.67	9.42	1.01
Morticelli	Morticelli	36.1		TR200_0400H	1.50	17.38	27.19	29.54	1.82	0.43	29.71	9.52	1.01
Morticelli	Morticelli	36.1		TR200_0500H	1.50	17.69	27.19	29.54	1.86	0.43	29.71	9.53	1.01
Morticelli	Morticelli	34.9		TR200_0030H	4.13	12.51	27.19	28.43	2.52	0.72	28.76	4.96	0.77
Morticelli	Morticelli	34.9		TR200_0050H	4.13	14.41	27.19	28.56	2.63	0.72	28.91	5.47	0.81
Morticelli	Morticelli	34.9		TR200_0100H	4.13	16.37	27.19	28.78	2.57	0.65	29.12	6.36	0.89
Morticelli	Morticelli	34.9		TR200_0150H	4.13	15.31	27.19	28.98	2.14	0.51	29.21	7.16	0.94
Morticelli	Morticelli	34.9		TR200_0200H	4.13	15.56	27.19	29.07	2.07	0.48	29.29	7.53	0.97
Morticelli	Morticelli	34.9		TR200_0300H	4.13	16.33	27.19	29.15	2.08	0.48	29.37	7.84	0.99
Morticelli	Morticelli	34.9		TR200_0400H	4.13	17.41	27.19	29.25	2.11	0.47	29.48	8.24	1.02
Morticelli	Morticelli	34.9		TR200_0500H	4.13	17.64	27.19	29.28	2.11	0.47	29.51	8.37	1.02
Morticelli	Morticelli	34	MO0033_D	TR200_0030H	13.76	12.51	26.98	28.30	2.27	0.65	28.56	5.51	0.81
Morticelli	Morticelli	34	MO0033_D	TR200_0050H	13.76	14.41	26.98	28.43	2.37	0.65	28.71	6.07	0.86
Morticelli	Morticelli	34	MO0033_D	TR200_0100H	13.76	16.32	26.98	28.69	2.25	0.56	28.95	7.26	0.96
Morticelli	Morticelli	34	MO0033_D	TR200_0150H	13.76	15.33	26.98	28.95	1.81	0.46	29.11	8.48	0.97
Morticelli	Morticelli	34	MO0033_D	TR200_0200H	13.76	15.61	26.98	29.05	1.73	0.44	29.20	9.04	0.97
Morticelli	Morticelli	34	MO0033_D	TR200_0300H	13.76	16.41	26.98	29.13	1.72	0.44	29.28	9.52	0.97
Morticelli	Morticelli	34	MO0033_D	TR200_0400H	13.76	17.54	26.98	29.23	1.72	0.44	29.38	10.18	1.00
Morticelli	Morticelli	34	MO0033_D	TR200_0500H	13.76	17.79	26.98	29.26	1.71	0.43	29.41	10.40	1.01
Morticelli	Morticelli	33	MO0034_	TR200_0030H	13.38	12.50	26.55	28.06	1.53	0.48	28.18	8.16	0.93

River	Reach	River Sta		Plan	Length Chnl	Q Total	Min Ch El	W.S. Elev	Vel Total	Froude # XS	E.G. Elev	Area	Hydr Radius
					(m)	(m3/s)	(m)	(m)	(m/s)		(m)	(m2)	(m)
Morticelli	Morticelli	33	MO0034_	TR200_0050H	13.38	14.39	26.55	28.21	1.53	0.46	28.33	9.38	1.01
Morticelli	Morticelli	33	MO0034	TR200_0100H	13.38	18.07	26.55	28.54	1.47	0.41	28.65	12.31	1.18
Morticelli	Morticelli	33	MO0034_	TR200_0150H	13.38	20.01	26.55	28.81	1.35	0.35	28.90	14.86	1.33
Morticelli	Morticelli	33	MO0034	TR200_0200H	13.38	21.32	26.55	28.90	1.35	0.34	28.99	15.75	1.39
Morticelli	Morticelli	33	MO0034	TR200_0300H	13.38	23.00	26.55	28.97	1.40	0.34	29.07	16.42	1.43
Morticelli	Morticelli	33	MO0034_	TR200_0400H	13.38	24.93	26.55	29.07	1.43	0.34	29.17	17.38	1.49
Morticelli	Morticelli	33	MO0034	TR200_0500H	13.38	24.87	26.55	29.11	1.40	0.33	29.21	17.81	1.51
Morticelli	Morticelli	32	MO0035_	TR200_0030H	14.78	12.49	26.00	27.88	1.13	0.32	27.95	11.03	1.06
Morticelli	Morticelli	32	MO0035	TR200_0050H	14.78	14.38	26.00	28.05	1.14	0.31	28.12	12.58	1.15
Morticelli	Morticelli	32	MO0035_	TR200_0100H	14.78	16.84	26.00	28.42	1.04	0.26	28.48	16.15	1.34
Morticelli	Morticelli	32	MO0035	TR200_0150H	14.78	22.62	26.00	28.64	1.23	0.29	28.72	18.42	1.45
Morticelli	Morticelli	32	MO0035_	TR200_0200H	14.78	24.49	26.00	28.72	1.27	0.30	28.80	19.22	1.50
Morticelli	Morticelli	32	MO0035	TR200_0300H	14.78	25.07	26.00	28.77	1.27	0.29	28.86	19.77	1.53
Morticelli	Morticelli	32	MO0035_	TR200_0400H	14.78	26.62	26.00	28.84	1.30	0.30	28.93	20.47	1.56
Morticelli	Morticelli	32	MO0035	TR200_0500H	14.78	29.18	26.00	28.89	1.39	0.31	28.98	20.94	1.59
Morticelli	Morticelli	31	MO0036_	TR200_0030H	13.08	12.57	25.77	27.65	1.53	0.42	27.77	8.24	1.02
Morticelli	Morticelli	31	MO0036	TR200_0050H	13.08	14.42	25.77	27.83	1.53	0.41	27.95	9.43	1.09
Morticelli	Morticelli	31	MO0036_	TR200_0100H	13.08	18.69	25.77	28.19	1.57	0.39	28.32	11.88	1.23
Morticelli	Morticelli	31	MO0036	TR200_0150H	13.08	22.09	25.77	28.46	1.59	0.38	28.59	13.90	1.32
Morticelli	Morticelli	31	MO0036_	TR200_0200H	13.08	22.82	25.77	28.56	1.56	0.36	28.68	14.66	1.37
Morticelli	Morticelli	31	MO0036	TR200_0300H	13.08	21.64	25.77	28.65	1.41	0.32	28.75	15.38	1.41
Morticelli	Morticelli	31	MO0036_	TR200_0400H	13.08	22.22	25.77	28.74	1.38	0.31	28.84	16.05	1.45
Morticelli	Morticelli	31	MO0036	TR200_0500H	13.08	23.45	25.77	28.79	1.43	0.31	28.89	16.43	1.47
Morticelli	Morticelli	30	MO0037_A	TR200_0030H	12.76	12.55	25.63	27.41	1.57	0.43	27.54	8.01	1.02
Morticelli	Morticelli	30	MO0037_A	TR200_0050H	12.76	14.40	25.63	27.62	1.55	0.40	27.74	9.29	1.10
Morticelli	Morticelli	30	MO0037_A	TR200_0100H	12.76	18.69	25.63	28.00	1.56	0.41	28.12	11.95	1.10
Morticelli	Morticelli	30	MO0037_A	TR200_0150H	12.76	22.91	25.63	28.24	1.63	0.41	28.38	14.06	1.20
Morticelli	Morticelli	30	MO0037_A	TR200_0200H	12.76	24.28	25.63	28.34	1.63	0.41	28.47	14.91	1.23
Morticelli	Morticelli	30	MO0037_A	TR200_0300H	12.76	25.57	25.63	28.43	1.63	0.40	28.56	15.72	1.27
Morticelli	Morticelli	30	MO0037_A	TR200_0400H	12.76	26.98	25.63	28.52	1.62	0.39	28.66	16.60	1.32
Morticelli	Morticelli	30	MO0037_A	TR200_0500H	12.76	27.86	25.63	28.59	1.62	0.38	28.72	17.20	1.36
Morticelli	Morticelli	29.1		TR200_0030H	1.50	12.55	25.75	27.42	1.14	0.28	27.49	11.03	1.11
Morticelli	Morticelli	29.1		TR200_0050H	1.50	14.40	25.75	27.63	1.16	0.27	27.70	12.43	1.20
Morticelli	Morticelli	29.1		TR200_0100H	1.50	18.69	25.75	28.00	1.26	0.27	28.08	14.85	1.34
Morticelli	Morticelli	29.1		TR200_0150H	1.50	22.91	25.75	28.24	1.39	0.28	28.34	16.45	1.42
Morticelli	Morticelli	29.1		TR200_0200H	1.50	24.28	25.75	28.34	1.42	0.28	28.44	17.06	1.45
Morticelli	Morticelli	29.1		TR200_0300H	1.50	25.57	25.75	28.42	1.45	0.28	28.53	17.63	1.48
Morticelli	Morticelli	29.1		TR200_0400H	1.50	26.98	25.75	28.52	1.48	0.28	28.63	18.26	1.51
Morticelli	Morticelli	29.1		TR200_0500H	1.50	27.86	25.75	28.58	1.49	0.28	28.69	18.68	1.52
Morticelli	Morticelli	27.9		TR200_0030H	5.00	12.55	25.75	27.41	1.15	0.28	27.47	10.93	1.10
Morticelli	Morticelli	27.9		TR200_0050H	5.00	14.40	25.75	27.62	1.17	0.27	27.69	12.34	1.19
Morticelli	Morticelli	27.9		TR200_0100H	5.00	18.68	25.75	27.92	1.31	0.28	28.00	14.30	1.31
Morticelli	Morticelli	27.9		TR200_0150H	5.00	22.91	25.75	28.09	1.48	0.31	28.20	15.45	1.37
Morticelli	Morticelli	27.9		TR200_0200H	5.00	24.28	25.75	28.16	1.53	0.32	28.28	15.87	1.39
Morticelli	Morticelli	27.9		TR200_0300H	5.00	25.57	25.75	28.22	1.57	0.32	28.34	16.28	1.41
Morticelli	Morticelli	27.9		TR200_0400H	5.00	26.97	25.75	28.29	1.61	0.32	28.42	16.76	1.44
Morticelli	Morticelli	27.9		TR200_0500H	5.00	27.84	25.75	28.34	1.63	0.32	28.48	17.11	1.45
Morticelli	Morticelli	27	MO0039_D	TR200_0030H	14.45	12.55	25.64	27.33	1.65	0.44	27.46	7.58	0.99
Morticelli	Morticelli	27	MO0039_D	TR200_0050H	14.45	14.39	25.64	27.54	1.65	0.41	27.68	8.73	1.07
Morticelli	Morticelli	27	MO0039_D	TR200_0100H	14.45	18.67	25.64	27.83	1.81	0.43	27.99	10.29	1.17
Morticelli	Morticelli	27	MO0039_D	TR200_0150H	14.45	22.91	25.64	27.98	2.05	0.47	28.19	11.16	1.22
Morticelli	Morticelli	27	MO0039_D	TR200_0200H	14.45	24.28	25.64	28.04	2.11	0.48	28.27	11.50	1.24
Morticelli	Morticelli	27	MO0039_D	TR200_0300H	14.45	25.57	25.64	28.10	2.16	0.48	28.34	11.83	1.26
Morticelli	Morticelli	27	MO0039_D	TR200_0400H	14.45	26.97	25.64	28.17	2.20	0.49	28.41	12.23	1.28
Morticelli	Morticelli	27	MO0039_D	TR200_0500H	14.45	27.83	25.64	28.22	2.22	0.48	28.47	12.54	1.30
Morticelli	Morticelli	26	MO0040_	TR200_0030H	13.92	12.53	24.68	26.96	1.29	0.34	27.04	9.70	1.10
Morticelli	Morticelli	26	MO0040_	TR200_0050H	13.92	14.29	24.68	27.23	1.24	0.31	27.31	11.54	1.18
Morticelli	Morticelli	26	MO0040_	TR200_0100H	13.92	16.07	24.68	27.53	1.17	0.28	27.60	13.70	1.29
Morticelli	Morticelli	26	MO0040_	TR200_0150H	13.92	16.78	24.68	27.55	1.21	0.28	27.63	13.86	1.30
Morticelli	Morticelli	26	MO0040_	TR200_0200H	13.92	16.91	24.68	27.54	1.23	0.29	27.62	13.78	1.30
Morticelli	Morticelli	26	MO0040_	TR200_0300H	13.92	18.42	24.68	27.53	1.34	0.32	27.62	13.71	1.29
Morticelli	Morticelli	26	MO0040_	TR200_0400H	13.92	22.72	24.68	27.56	1.63	0.38	27.70	13.95	1.31
Morticelli	Morticelli	26	MO0040_	TR200_0500H	13.92	24.09	24.68	27.58	1.71	0.40	27.73	14.07	1.31
Morticelli	Morticelli	25	MO0041_	TR200_0030H	14.98	12.61	24.45	26.89	0.89	0.24	26.93	14.18	1.25
Morticelli	Morticelli	25	MO0041_	TR200_0050H	14.98	14.29	24.45	27.19	0.82	0.21	27.22	17.35	1.39
Morticelli	Morticelli	25	MO0041_	TR200_0100H	14.98	15.03	24.45	27.51	0.71	0.17	27.54	21.06	1.53
Morticelli	Morticelli	25	MO0041_	TR200_0150H	14.98	15.21	24.45	27.53	0.71	0.17	27.56	21.35	1.54
Morticelli	Morticelli	25	MO0041_	TR200_0200H	14.98	17.14	24.45	27.55	0.80	0.19	27.58	21.53	1.54
Morticelli	Morticelli	25	MO0041_	TR200_0300H	14.98	17.34	24.45						

River	Reach	River Sta	Plan	Length Chnl	Q Total	Min Ch El	W.S. Elev	Vel Total	Froude # XS	E.G. Elev	Area	Hydr Radius	
				(m)	(m3/s)	(m)	(m)	(m/s)		(m)	(m2)	(m)	
Morticelli	Morticelli	23.1	TR200_0030H	1.50	12.61	24.19	26.79	1.05	0.21	26.85	11.97	1.22	
Morticelli	Morticelli	23.1	TR200_0050H	1.50	14.28	24.19	27.10	1.07	0.20	27.16	13.39	1.29	
Morticelli	Morticelli	23.1	TR200_0100H	1.50	15.00	24.19	27.44	1.00	0.18	27.49	14.93	1.35	
Morticelli	Morticelli	23.1	TR200_0150H	1.50	15.21	24.19	27.46	1.01	0.18	27.51	15.04	1.35	
Morticelli	Morticelli	23.1	TR200_0200H	1.50	17.14	24.19	27.46	1.14	0.20	27.52	15.02	1.35	
Morticelli	Morticelli	23.1	TR200_0300H	1.50	17.33	24.19	27.49	1.14	0.20	27.55	15.15	1.35	
Morticelli	Morticelli	23.1	TR200_0400H	1.50	17.26	24.19	27.51	1.13	0.20	27.58	15.28	1.36	
Morticelli	Morticelli	23.1	TR200_0500H	1.50	17.35	24.19	27.54	1.13	0.20	27.60	15.40	1.36	
Morticelli	Morticelli	21.9	TR200_0030H	11.22	12.61	24.07	26.62	1.48	0.35	26.73	8.54	0.89	
Morticelli	Morticelli	21.9	TR200_0050H	11.22	14.28	24.07	26.88	1.45	0.33	26.99	9.83	0.94	
Morticelli	Morticelli	21.9	TR200_0100H	11.22	14.83	24.07	27.24	1.28	0.27	27.32	11.60	1.04	
Morticelli	Morticelli	21.9	TR200_0150H	11.22	15.19	24.07	27.26	1.30	0.27	27.34	11.70	1.04	
Morticelli	Morticelli	21.9	TR200_0200H	11.22	15.29	24.07	27.24	1.32	0.27	27.33	11.62	1.04	
Morticelli	Morticelli	21.9	TR200_0300H	11.22	15.80	24.07	27.22	1.37	0.29	27.32	11.53	1.04	
Morticelli	Morticelli	21.9	TR200_0400H	11.22	16.92	24.07	27.26	1.45	0.30	27.36	11.70	1.04	
Morticelli	Morticelli	21.9	TR200_0500H	11.22	17.30	24.07	27.28	1.46	0.30	27.39	11.82	1.05	
Morticelli	Morticelli	21	MO0045_D	TR200_0030H	14.69	12.61	24.20	26.58	1.39	0.29	26.68	9.08	1.06
Morticelli	Morticelli	21	MO0045_D	TR200_0050H	14.69	14.28	24.20	26.84	1.41	0.28	26.94	10.10	1.12
Morticelli	Morticelli	21	MO0045_D	TR200_0100H	14.69	13.77	24.20	27.22	1.18	0.22	27.29	11.62	1.18
Morticelli	Morticelli	21	MO0045_D	TR200_0150H	14.69	14.02	24.20	27.25	1.20	0.22	27.32	11.71	1.19
Morticelli	Morticelli	21	MO0045_D	TR200_0200H	14.69	14.18	24.20	27.23	1.22	0.23	27.30	11.64	1.18
Morticelli	Morticelli	21	MO0045_D	TR200_0300H	14.69	14.83	24.20	27.20	1.28	0.24	27.29	11.54	1.18
Morticelli	Morticelli	21	MO0045_D	TR200_0400H	14.69	15.72	24.20	27.24	1.35	0.25	27.33	11.68	1.19
Morticelli	Morticelli	21	MO0045_D	TR200_0500H	14.69	15.99	24.20	27.27	1.36	0.25	27.36	11.79	1.19
Morticelli	Morticelli	20	MO0046_	TR200_0030H	14.11	12.61	24.19	26.13	1.86	0.43	26.31	6.78	0.92
Morticelli	Morticelli	20	MO0046_	TR200_0050H	14.11	12.91	24.19	26.49	1.60	0.34	26.62	8.06	1.00
Morticelli	Morticelli	20	MO0046_	TR200_0100H	14.11	13.26	24.19	26.99	1.35	0.26	27.08	9.81	1.08
Morticelli	Morticelli	20	MO0046_	TR200_0150H	14.11	14.00	24.19	27.01	1.42	0.29	27.11	9.88	1.03
Morticelli	Morticelli	20	MO0046_	TR200_0200H	14.11	14.14	24.19	26.98	1.45	0.28	27.09	9.78	1.08
Morticelli	Morticelli	20	MO0046_	TR200_0300H	14.11	14.63	24.19	26.92	1.53	0.30	27.04	9.58	1.07
Morticelli	Morticelli	20	MO0046_	TR200_0400H	14.11	15.62	24.19	26.92	1.63	0.32	27.06	9.57	1.07
Morticelli	Morticelli	20	MO0046_	TR200_0500H	14.11	15.98	24.19	26.95	1.66	0.32	27.08	9.65	1.08
Morticelli	Morticelli	19	MO0047_A	TR200_0030H	3.01	12.70	23.86	25.82	2.05	0.47	26.04	6.20	0.88
Morticelli	Morticelli	19	MO0047_A	TR200_0050H	3.01	14.33	23.86	26.17	1.96	0.41	26.37	7.32	0.94
Morticelli	Morticelli	19	MO0047_A	TR200_0100H	3.01	17.53	23.86	26.59	2.03	0.39	26.80	8.65	1.01
Morticelli	Morticelli	19	MO0047_A	TR200_0150H	3.01	17.88	23.86	26.60	2.06	0.40	26.82	8.70	1.01
Morticelli	Morticelli	19	MO0047_A	TR200_0200H	3.01	17.60	23.86	26.59	2.03	0.39	26.80	8.66	1.01
Morticelli	Morticelli	19	MO0047_A	TR200_0300H	3.01	16.02	23.86	26.61	1.84	0.36	26.78	8.72	1.01
Morticelli	Morticelli	19	MO0047_A	TR200_0400H	3.01	15.89	23.86	26.64	1.80	0.35	26.81	8.82	1.01
Morticelli	Morticelli	19	MO0047_A	TR200_0500H	3.01	15.86	23.86	26.66	1.78	0.34	26.82	8.89	1.02
Morticelli	Morticelli	18.1	TR200_0030H	1.00	12.70	23.80	25.87	1.44	0.46	25.98	8.83	0.73	
Morticelli	Morticelli	18.1	TR200_0050H	1.00	14.33	23.80	26.24	1.14	0.34	26.30	12.58	0.85	
Morticelli	Morticelli	18.1	TR200_0100H	1.00	17.52	23.80	26.66	1.00	0.26	26.72	17.49	1.10	
Morticelli	Morticelli	18.1	TR200_0150H	1.00	17.87	23.80	26.68	1.01	0.26	26.73	17.68	1.11	
Morticelli	Morticelli	18.1	TR200_0200H	1.00	17.60	23.80	26.67	1.00	0.26	26.72	17.54	1.10	
Morticelli	Morticelli	18.1	TR200_0300H	1.00	16.04	23.80	26.67	0.91	0.24	26.72	17.59	1.10	
Morticelli	Morticelli	18.1	TR200_0400H	1.00	15.94	23.80	26.70	0.89	0.23	26.74	17.96	1.12	
Morticelli	Morticelli	18.1	TR200_0500H	1.00	15.90	23.80	26.72	0.87	0.22	26.76	18.19	1.13	
Morticelli	Morticelli	16.9	TR200_0030H	2.71	12.70	23.80	25.69	1.71	0.53	25.84	7.42	0.73	
Morticelli	Morticelli	16.9	TR200_0050H	2.71	14.33	23.80	25.96	1.48	0.47	26.07	9.71	0.74	
Morticelli	Morticelli	16.9	TR200_0100H	2.71	17.51	23.80	26.27	1.35	0.40	26.36	12.94	0.86	
Morticelli	Morticelli	16.9	TR200_0150H	2.71	17.86	23.80	26.28	1.37	0.41	26.37	13.04	0.86	
Morticelli	Morticelli	16.9	TR200_0200H	2.71	17.59	23.80	26.27	1.36	0.41	26.37	12.98	0.86	
Morticelli	Morticelli	16.9	TR200_0300H	2.71	15.89	23.80	26.37	1.12	0.32	26.44	14.13	0.92	
Morticelli	Morticelli	16.9	TR200_0400H	2.71	15.75	23.80	26.43	1.06	0.30	26.49	14.80	0.96	
Morticelli	Morticelli	16.9	TR200_0500H	2.71	15.75	23.80	26.47	1.04	0.29	26.52	15.21	0.98	
Morticelli	Morticelli	16	MO0049_D	TR200_0030H	13.07	12.70	23.82	25.57	2.41	0.64	25.87	5.27	0.77
Morticelli	Morticelli	16	MO0049_D	TR200_0050H	13.07	14.33	23.82	25.83	2.28	0.59	26.10	6.28	0.83
Morticelli	Morticelli	16	MO0049_D	TR200_0100H	13.07	17.44	23.82	26.12	2.31	0.58	26.39	7.55	0.89
Morticelli	Morticelli	16	MO0049_D	TR200_0150H	13.07	17.79	23.82	26.12	2.35	0.59	26.41	7.58	0.89
Morticelli	Morticelli	16	MO0049_D	TR200_0200H	13.07	17.53	23.82	26.12	2.32	0.58	26.39	7.56	0.89
Morticelli	Morticelli	16	MO0049_D	TR200_0300H	13.07	15.81	23.82	26.25	1.94	0.48	26.44	8.16	0.92
Morticelli	Morticelli	16	MO0049_D	TR200_0400H	13.07	15.68	23.82	26.31	1.85	0.45	26.49	8.49	0.94
Morticelli	Morticelli	16	MO0049_D	TR200_0500H	13.07	15.72	23.82	26.35	1.81	0.44	26.52	8.69	0.95
Morticelli	Morticelli	15	MO0050_A	TR200_0030H	6.87	12.70	23.54	25.26	1.63	0.44	25.40	7.80	0.91
Morticelli	Morticelli	15	MO0050_A	TR200_0050H	6.87	14.33	23.54	25.64	1.42	0.37	25.74	10.10	1.00
Morticelli	Morticelli	15	MO0050_A	TR200_0100H	6.87	15.95	23.54	25.97	1.27	0.32	26.06	12.53	1.10
Morticelli	Morticelli	15	MO0050_A	TR200_0150H	6.87	15.95	23.54	25.97	1.27	0.32	26.06	12.53	1.10
Morticelli	Morticelli	15	MO0050_A	TR200_0200H	6.87	15.68	23.54	26.01	1.23	0.31	26.08	12.78	1.11
Morticelli	Morticelli	15	MO0050_A	TR200_0300H	6.87	15.73	23.54	26.17	1.12	0.27	26.23	14.09	1.15
Morticelli	Morticelli	15	MO0050_A	TR200_0400H	6.87	15.65	23.54	26.25	1.06	0.26	26.31	14.76	1.18
Morticelli	Morticelli	15	MO0050_A	TR200_0500H	6.87	15.71	23.54	26.30	1.04	0.25	26.35	15.15	1.19
Morticelli	Morticelli	14.1	TR200_0030H	1.00	12.70	23.50	25.19	1.90	0.47	25.37	6.69	0.91	
Morticelli	Morticelli	14.1	TR200_0050H	1.00	14.33	23.50	25.57	1					

River	Reach	River Sta		Plan	Length Chnl	Q Total	Min Ch El	W.S. Elev	Vel Total	Froude # XS	E.G. Elev	Area	Hydr Radius
					(m)	(m3/s)	(m)	(m)	(m/s)		(m)	(m2)	(m)
Morticelli	Morticelli	14.1		TR200_0400H	1.00	16.01	23.50	26.26	0.79	0.25	26.29	20.15	0.81
Morticelli	Morticelli	14.1		TR200_0500H	1.00	16.04	23.50	26.30	0.76	0.24	26.33	21.08	0.84
Morticelli	Morticelli	12.9		TR200_0030H	4.36	12.70	23.50	25.06	2.06	0.53	25.28	6.17	0.87
Morticelli	Morticelli	12.9		TR200_0050H	4.36	14.30	23.50	25.21	2.12	0.52	25.43	6.75	0.92
Morticelli	Morticelli	12.9		TR200_0100H	4.36	18.43	23.50	25.50	2.32	0.54	25.78	7.93	0.98
Morticelli	Morticelli	12.9		TR200_0150H	4.36	19.34	23.50	25.52	2.42	0.60	25.82	8.01	0.90
Morticelli	Morticelli	12.9		TR200_0200H	4.36	15.79	23.50	25.68	1.69	0.61	25.83	9.33	0.59
Morticelli	Morticelli	12.9		TR200_0300H	4.36	15.91	23.50	25.92	1.18	0.46	26.00	13.43	0.56
Morticelli	Morticelli	12.9		TR200_0400H	4.36	15.95	23.50	26.07	0.97	0.34	26.12	16.39	0.67
Morticelli	Morticelli	12.9		TR200_0500H	4.36	15.99	23.50	26.15	0.89	0.30	26.19	17.95	0.73
Morticelli	Morticelli	12	MO0052_D	TR200_0030H	13.93	12.70	23.45	24.95	2.59	0.68	25.30	4.91	0.79
Morticelli	Morticelli	12	MO0052_D	TR200_0050H	13.93	14.30	23.45	25.09	2.66	0.67	25.45	5.37	0.82
Morticelli	Morticelli	12	MO0052_D	TR200_0100H	13.93	18.30	23.45	25.37	2.91	0.68	25.80	6.29	0.89
Morticelli	Morticelli	12	MO0052_D	TR200_0150H	13.93	15.63	23.45	25.38	2.47	0.57	25.69	6.33	0.89
Morticelli	Morticelli	12	MO0052_D	TR200_0200H	13.93	15.79	23.45	25.56	2.28	0.50	25.83	6.94	0.93
Morticelli	Morticelli	12	MO0052_D	TR200_0300H	13.93	15.82	23.45	25.77	2.07	0.44	25.99	7.63	0.97
Morticelli	Morticelli	12	MO0052_D	TR200_0400H	13.93	15.93	23.45	25.92	1.96	0.40	26.12	8.14	1.00
Morticelli	Morticelli	12	MO0052_D	TR200_0500H	13.93	15.97	23.45	26.01	1.90	0.38	26.19	8.43	1.01
Morticelli	Morticelli	11	MO0053_A	TR200_0030H	1.00	12.70	23.06	24.27	1.76	0.51	24.43	7.24	0.86
Morticelli	Morticelli	11	MO0053_A	TR200_0050H	1.00	14.18	23.06	24.52	1.62	0.43	24.65	8.73	0.98
Morticelli	Morticelli	11	MO0053_A	TR200_0100H	1.00	17.76	23.06	24.82	1.68	0.41	24.96	10.58	1.11
Morticelli	Morticelli	11	MO0053_A	TR200_0150H	1.00	17.89	23.06	24.81	1.70	0.41	24.96	10.54	1.11
Morticelli	Morticelli	11	MO0053_A	TR200_0200H	1.00	19.45	23.06	24.81	1.85	0.45	24.98	10.52	1.10
Morticelli	Morticelli	11	MO0053_A	TR200_0300H	1.00	21.44	23.06	24.96	1.87	0.44	25.14	11.44	1.16
Morticelli	Morticelli	11	MO0053_A	TR200_0400H	1.00	23.01	23.06	25.08	1.89	0.43	25.26	12.15	1.21
Morticelli	Morticelli	11	MO0053_A	TR200_0500H	1.00	23.90	23.06	25.14	1.90	0.42	25.33	12.55	1.23
Morticelli	Morticelli	10		TR200_0030H	4.63	12.70	22.88	24.29	1.51	0.41	24.40	8.41	0.96
Morticelli	Morticelli	10		TR200_0050H	4.63	14.18	22.88	24.53	1.44	0.36	24.64	9.87	1.06
Morticelli	Morticelli	10		TR200_0100H	4.63	17.76	22.88	24.83	1.52	0.35	24.95	11.67	1.18
Morticelli	Morticelli	10		TR200_0150H	4.63	17.89	22.88	24.83	1.54	0.35	24.95	11.64	1.18
Morticelli	Morticelli	10		TR200_0200H	4.63	19.45	22.88	24.83	1.67	0.38	24.97	11.63	1.18
Morticelli	Morticelli	10		TR200_0300H	4.63	21.44	22.88	24.98	1.71	0.38	25.13	12.53	1.23
Morticelli	Morticelli	10		TR200_0400H	4.63	23.01	22.88	25.09	1.74	0.37	25.25	13.22	1.27
Morticelli	Morticelli	10		TR200_0500H	4.63	23.90	22.88	25.16	1.76	0.37	25.31	13.61	1.29
Morticelli	Morticelli	9		TR200_0030H	2.28	10.34	22.88	24.17	1.35	0.38	24.26	7.69	0.90
Morticelli	Morticelli	9		TR200_0050H	2.28	14.13	22.88	24.43	1.52	0.39	24.55	9.28	1.02
Morticelli	Morticelli	9		TR200_0100H	2.28	17.77	22.88	24.74	1.60	0.37	24.87	11.13	1.15
Morticelli	Morticelli	9		TR200_0150H	2.28	17.87	22.88	24.73	1.61	0.38	24.87	11.07	1.14
Morticelli	Morticelli	9		TR200_0200H	2.28	17.78	22.88	24.71	1.62	0.38	24.85	10.94	1.14
Morticelli	Morticelli	9		TR200_0300H	2.28	21.44	22.88	24.86	1.81	0.41	25.03	11.84	1.19
Morticelli	Morticelli	9		TR200_0400H	2.28	23.01	22.88	24.98	1.83	0.40	25.15	12.55	1.23
Morticelli	Morticelli	9		TR200_0500H	2.28	23.90	22.88	25.05	1.85	0.40	25.22	12.94	1.26
Morticelli	Morticelli	8	MO0055_D	TR200_0030H	14.52	10.35	22.70	24.17	1.20	0.32	24.25	8.61	0.98
Morticelli	Morticelli	8	MO0055_D	TR200_0050H	14.52	14.13	22.70	24.44	1.39	0.34	24.54	10.18	1.09
Morticelli	Morticelli	8	MO0055_D	TR200_0100H	14.52	17.77	22.70	24.75	1.48	0.33	24.86	11.99	1.21
Morticelli	Morticelli	8	MO0055_D	TR200_0150H	14.52	17.87	22.70	24.74	1.50	0.34	24.85	11.93	1.21
Morticelli	Morticelli	8	MO0055_D	TR200_0200H	14.52	17.76	22.70	24.72	1.50	0.34	24.83	11.81	1.20
Morticelli	Morticelli	8	MO0055_D	TR200_0300H	14.52	21.44	22.70	24.87	1.69	0.37	25.02	12.70	1.25
Morticelli	Morticelli	8	MO0055_D	TR200_0400H	14.52	23.01	22.70	24.99	1.72	0.36	25.14	13.39	1.29
Morticelli	Morticelli	8	MO0055_D	TR200_0500H	14.52	23.90	22.70	25.05	1.73	0.36	25.21	13.78	1.31
Morticelli	Morticelli	7	MO0056_A	TR200_0030H	2.73	11.71	21.83	23.38	2.09	0.54	23.60	5.61	0.84
Morticelli	Morticelli	7	MO0056_A	TR200_0050H	2.73	15.94	21.83	23.50	2.63	0.65	23.85	6.07	0.87
Morticelli	Morticelli	7	MO0056_A	TR200_0100H	2.73	18.39	21.83	23.82	2.54	0.58	24.15	7.23	0.95
Morticelli	Morticelli	7	MO0056_A	TR200_0150H	2.73	18.39	21.83	23.82	2.54	0.58	24.15	7.24	0.95
Morticelli	Morticelli	7	MO0056_A	TR200_0200H	2.73	18.38	21.83	23.82	2.54	0.58	24.15	7.24	0.95
Morticelli	Morticelli	7	MO0056_A	TR200_0300H	2.73	21.44	21.83	23.84	2.93	0.67	24.28	7.31	0.96
Morticelli	Morticelli	7	MO0056_A	TR200_0400H	2.73	20.47	21.83	23.96	2.65	0.58	24.31	7.73	0.98
Morticelli	Morticelli	7	MO0056_A	TR200_0500H	2.73	23.90	21.83	23.98	3.05	0.67	24.46	7.83	0.99
Morticelli	Morticelli	4	MO0058_D	TR200_0030H	14.53	12.87	21.78	22.95	3.01	0.90	23.41	4.27	0.71
Morticelli	Morticelli	4	MO0058_D	TR200_0050H	14.53	15.94	21.78	23.11	3.26	0.91	23.65	4.89	0.77
Morticelli	Morticelli	4	MO0058_D	TR200_0100H	14.53	19.68	21.78	23.30	3.52	0.92	23.93	5.58	0.83
Morticelli	Morticelli	4	MO0058_D	TR200_0150H	14.53	19.62	21.78	23.30	3.52	0.92	23.93	5.57	0.83
Morticelli	Morticelli	4	MO0058_D	TR200_0200H	14.53	19.45	21.78	23.29	3.51	0.92	23.92	5.54	0.83
Morticelli	Morticelli	4	MO0058_D	TR200_0300H	14.53	21.44	21.78	23.38	3.63	0.93	24.06	5.90	0.86
Morticelli	Morticelli	4	MO0058_D	TR200_0400H	14.53	23.01	21.78	23.45	3.73	0.93	24.16	6.17	0.88
Morticelli	Morticelli	4	MO0058_D	TR200_0500H	14.53	23.90	21.78	23.50	3.78	0.93	24.22	6.32	0.89
Morticelli	Morticelli	3	MO0059_A	TR200_0030H	5.54	12.86	20.98	21.80	2.35	0.84	22.08	5.47	0.65
Morticelli	Morticelli	3	MO0059_A	TR200_0050H	5.54	15.94	20.98	21.93	2.51	0.83	22.25	6.36	0.73
Morticelli	Morticelli	3	MO0059_A	TR200_0100H	5.54	19.66	20.98	22.08	2.66	0.82	22.44	7.39	0.82
Morticelli	Morticelli	3	MO0059_A	TR200_0150H	5.54	19.62	20.98	22.07	2.66	0.82	22.43	7.38	0.82
Morticelli	Morticelli	3	MO0059_A	TR200_0200H	5.54	19.45	20.98	22.07	2.65	0.82	22.43	7.33	0.82
Morticelli	Morticelli	3	MO0059_A	TR200_0300H	5.54	21.44	20.98	22.14	2.73	0.82	22.52	7.85	0.86
Morticelli	Morticelli	3	MO0059_A	TR200_0400H	5.54	23.01	20.98	22.20	2.79	0.82	22.60	8.25	0.89
Morticelli	Morticelli	3	MO0059_A	TR200_0500H	5.54	23.90	20.98	22.23	2.82	0.81	22.64	8.48	0.91
Morticelli	Morticelli	2.1		TR200_0030H	1.00	12.86	20.85	21.74	2.41	0.82	22.03	5.33	0.68
Morticelli	Morticelli	2.1		TR200_0050H	1.00	15.94	20.85	21.87	2.61	0.83	22.21	6.10	0.76
Morticelli	Morticelli	2.1		TR200_0100H	1.00	19.66	20.85	22.01	2.81	0.83	22.42	6.99	0.84
Morticelli	Morticelli	2.1		TR200_0150H	1.00	19.62	20.85	22.01	2.81	0.83	22.41	6.98	0.84

River	Reach	River Sta	Plan	Length Chnl (m)	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Vel Total (m/s)	Froude # XS	E.G. Elev (m)	Area (m2)	Hydr Radius (m)
Morticelli	Morticelli	2.1	TR200_0200H	1.00	19.45	20.85	22.01	2.80	0.83	22.41	6.94	0.83
Morticelli	Morticelli	2.1	TR200_0300H	1.00	21.44	20.85	22.08	2.90	0.84	22.51	7.39	0.87
Morticelli	Morticelli	2.1	TR200_0400H	1.00	23.01	20.85	22.14	2.98	0.84	22.59	7.73	0.90
Morticelli	Morticelli	2.1	TR200_0500H	1.00	23.90	20.85	22.17	3.01	0.84	22.63	7.93	0.92
Morticelli	Morticelli	0.5	TR200_0030H	5.00	12.86	20.05	20.99	2.27	0.75	21.26	5.67	0.72
Morticelli	Morticelli	0.5	TR200_0050H	5.00	15.94	20.05	21.14	2.44	0.74	21.44	6.54	0.80
Morticelli	Morticelli	0.5	TR200_0100H	5.00	19.66	20.05	21.31	2.61	0.74	21.65	7.55	0.89
Morticelli	Morticelli	0.5	TR200_0150H	5.00	19.62	20.05	21.31	2.60	0.74	21.65	7.54	0.89
Morticelli	Morticelli	0.5	TR200_0200H	5.00	19.45	20.05	21.30	2.60	0.74	21.64	7.49	0.88
Morticelli	Morticelli	0.5	TR200_0300H	5.00	21.44	20.05	21.39	2.68	0.74	21.75	8.01	0.92
Morticelli	Morticelli	0.5	TR200_0400H	5.00	23.01	20.05	21.45	2.74	0.74	21.83	8.41	0.96
Morticelli	Morticelli	0.5	TR200_0500H	5.00	23.90	20.05	21.49	2.77	0.74	21.88	8.63	0.97
Morticelli	Morticelli	0.1	TR200_0030H		12.86	20.00	20.95	2.25	0.74	21.21	5.70	0.72
Morticelli	Morticelli	0.1	TR200_0050H		15.94	20.00	21.10	2.42	0.74	21.40	6.58	0.80
Morticelli	Morticelli	0.1	TR200_0100H		19.66	20.00	21.27	2.59	0.74	21.61	7.59	0.89
Morticelli	Morticelli	0.1	TR200_0150H		19.62	20.00	21.26	2.59	0.74	21.61	7.58	0.89
Morticelli	Morticelli	0.1	TR200_0200H		19.45	20.00	21.26	2.58	0.74	21.60	7.53	0.89
Morticelli	Morticelli	0.1	TR200_0300H		21.44	20.00	21.34	2.66	0.73	21.70	8.05	0.93
Morticelli	Morticelli	0.1	TR200_0400H		23.01	20.00	21.41	2.72	0.73	21.79	8.45	0.96
Morticelli	Morticelli	0.1	TR200_0500H		23.90	20.00	21.45	2.76	0.73	21.83	8.68	0.98

3 TABULATI VERIFICHE IDRAULICHE MODELLO 2

3.1 RIO BOTRICELLO

3.1.1 TEMPO DI RITORNO 30 ANNI

River	Reach	River Sta		Plan	Length Chnl (m)	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Vel Total (m/s)	Froude # XS	E.G. Elev (m)	Area (m2)	Hydr Radius (m)
Botricello	Botricello	20	RB0140__	TR030_0030H	16.59	10.61	33.98	35.52	2.48	0.82	35.83	4.28	0.73
Botricello	Botricello	20	RB0140__	TR030_0050H	16.59	13.20	33.98	35.74	2.45	0.75	36.05	5.38	0.83
Botricello	Botricello	20	RB0140__	TR030_0100H	16.59	14.79	33.98	35.82	2.57	0.77	36.15	5.75	0.86
Botricello	Botricello	20	RB0140__	TR030_0150H	16.59	13.89	33.98	35.78	2.50	0.76	36.10	5.56	0.85
Botricello	Botricello	20	RB0140__	TR030_0200H	16.59	12.16	33.98	35.68	2.39	0.75	35.98	5.08	0.80
Botricello	Botricello	20	RB0140__	TR030_0300H	16.59	10.04	33.98	35.48	2.44	0.82	35.78	4.11	0.72
Botricello	Botricello	20	RB0140__	TR030_0400H	16.59	8.93	33.98	35.40	2.38	0.81	35.69	3.76	0.69
Botricello	Botricello	20	RB0140__	TR030_0500H	16.59	8.09	33.98	35.34	2.32	0.81	35.61	3.48	0.66
Botricello	Botricello	19	RB0130_A	TR030_0030H	13.90	10.45	33.09	34.65	2.57	0.86	34.99	4.07	0.70
Botricello	Botricello	19	RB0130_A	TR030_0050H	13.90	11.10	33.09	35.26	1.42	0.42	35.36	7.79	0.86
Botricello	Botricello	19	RB0130_A	TR030_0100H	13.90	11.83	33.09	35.31	1.46	0.42	35.42	8.10	0.89
Botricello	Botricello	19	RB0130_A	TR030_0150H	13.90	11.47	33.09	35.28	1.44	0.42	35.39	7.94	0.88
Botricello	Botricello	19	RB0130_A	TR030_0200H	13.90	10.86	33.09	35.19	1.48	0.45	35.30	7.34	0.83
Botricello	Botricello	19	RB0130_A	TR030_0300H	13.90	10.03	33.09	34.61	2.58	0.86	34.95	3.89	0.70
Botricello	Botricello	19	RB0130_A	TR030_0400H	13.90	8.93	33.09	34.50	2.60	0.89	34.84	3.43	0.68
Botricello	Botricello	19	RB0130_A	TR030_0500H	13.90	8.09	33.09	34.41	2.61	0.91	34.76	3.10	0.64
Botricello	Botricello	16	RB0120__	TR030_0030H	18.20	10.45	32.62	34.18	2.38	0.84	34.47	4.39	0.70
Botricello	Botricello	16	RB0120__	TR030_0050H	18.20	11.10	32.62	34.23	2.40	0.84	34.52	4.63	0.71
Botricello	Botricello	16	RB0120__	TR030_0100H	18.20	11.83	32.62	34.27	2.42	0.83	34.57	4.90	0.73
Botricello	Botricello	16	RB0120__	TR030_0150H	18.20	11.47	32.62	34.25	2.41	0.83	34.55	4.77	0.72
Botricello	Botricello	16	RB0120__	TR030_0200H	18.20	10.86	32.62	34.21	2.39	0.84	34.50	4.54	0.71
Botricello	Botricello	16	RB0120__	TR030_0300H	18.20	10.03	32.62	34.15	2.37	0.84	34.44	4.24	0.68
Botricello	Botricello	16	RB0120__	TR030_0400H	18.20	8.93	32.62	34.08	2.33	0.85	34.35	3.84	0.65
Botricello	Botricello	16	RB0120__	TR030_0500H	18.20	8.09	32.62	34.01	2.29	0.85	34.28	3.53	0.63
Botricello	Botricello	15	RB0110__	TR030_0030H	19.09	10.40	31.63	33.30	2.38	0.79	33.59	4.38	0.67
Botricello	Botricello	15	RB0110__	TR030_0050H	19.09	10.94	31.63	33.32	2.43	0.80	33.63	4.50	0.69
Botricello	Botricello	15	RB0110__	TR030_0100H	19.09	11.48	31.63	33.35	2.49	0.81	33.66	4.62	0.70
Botricello	Botricello	15	RB0110__	TR030_0150H	19.09	11.22	31.63	33.34	2.46	0.80	33.65	4.57	0.69
Botricello	Botricello	15	RB0110__	TR030_0200H	19.09	10.74	31.63	33.32	2.41	0.80	33.61	4.46	0.68
Botricello	Botricello	15	RB0110__	TR030_0300H	19.09	10.02	31.63	33.28	2.33	0.79	33.56	4.29	0.66
Botricello	Botricello	15	RB0110__	TR030_0400H	19.09	8.84	31.63	33.23	2.18	0.74	33.47	4.05	0.65
Botricello	Botricello	15	RB0110__	TR030_0500H	19.09	8.08	31.63	33.17	2.14	0.71	33.40	3.77	0.67
Botricello	Botricello	14	RB0100__	TR030_0030H	18.97	7.34	30.31	31.67	1.93	0.87	31.85	3.81	0.45
Botricello	Botricello	14	RB0100__	TR030_0050H	18.97	7.36	30.31	31.67	1.93	0.87	31.86	3.81	0.45
Botricello	Botricello	14	RB0100__	TR030_0100H	18.97	7.39	30.31	31.67	1.93	0.87	31.86	3.82	0.45
Botricello	Botricello	14	RB0100__	TR030_0150H	18.97	7.38	30.31	31.67	1.93	0.87	31.86	3.82	0.45
Botricello	Botricello	14	RB0100__	TR030_0200H	18.97	7.36	30.31	31.67	1.93	0.87	31.86	3.81	0.45
Botricello	Botricello	14	RB0100__	TR030_0300H	18.97	7.32	30.31	31.66	1.93	0.87	31.85	3.80	0.45
Botricello	Botricello	14	RB0100__	TR030_0400H	18.97	7.26	30.31	31.66	1.92	0.87	31.85	3.78	0.45
Botricello	Botricello	14	RB0100__	TR030_0500H	18.97	7.14	30.31	31.66	1.91	0.87	31.84	3.73	0.44
Botricello	Botricello	13	RB0090__	TR030_0030H	19.45	6.77	29.25	30.71	1.72	0.65	30.87	3.93	0.60
Botricello	Botricello	13	RB0090__	TR030_0050H	19.45	6.25	29.25	30.78	1.45	0.54	30.89	4.32	0.63
Botricello	Botricello	13	RB0090__	TR030_0100H	19.45	6.23	29.25	30.80	1.41	0.52	30.90	4.42	0.63
Botricello	Botricello	13	RB0090__	TR030_0150H	19.45	6.35	29.25	30.79	1.46	0.54	30.90	4.34	0.63
Botricello	Botricello	13	RB0090__	TR030_0200H	19.45	6.43	29.25	30.78	1.50	0.56	30.89	4.28	0.63
Botricello	Botricello	13	RB0090__	TR030_0300H	19.45	6.52	29.25	30.76	1.55	0.58	30.88	4.19	0.62
Botricello	Botricello	13	RB0090__	TR030_0400H	19.45	6.56	29.25	30.75	1.58	0.59	30.88	4.14	0.62
Botricello	Botricello	13	RB0090__	TR030_0500H	19.45	6.55	29.25	30.75	1.59	0.59	30.88	4.11	0.62
Botricello	Botricello	12	RB0080_A	TR030_0030H	18.67	6.97	28.67	30.40	1.51	0.51	30.52	4.61	0.71
Botricello	Botricello	12	RB0080_A	TR030_0050H	18.67	7.25	28.67	30.45	1.49	0.50	30.57	4.88	0.73
Botricello	Botricello	12	RB0080_A	TR030_0100H	18.67	7.42	28.67	30.46	1.51	0.50	30.58	4.92	0.74
Botricello	Botricello	12	RB0080_A	TR030_0150H	18.67	7.32	28.67	30.46	1.49	0.50	30.57	4.90	0.74
Botricello	Botricello	12	RB0080_A	TR030_0200H	18.67	7.23	28.67	30.45	1.48	0.50	30.56	4.88	0.73
Botricello	Botricello	12	RB0080_A	TR030_0300H	18.67	7.13	28.67	30.45	1.47	0.49	30.56	4.85	0.73
Botricello	Botricello	12	RB0080_A	TR030_0400H	18.67	7.07	28.67	30.45	1.46	0.49	30.55	4.84	0.73
Botricello	Botricello	12	RB0080_A	TR030_0500H	18.67	7.04	28.67	30.44	1.47	0.49	30.55	4.80	0.73
Botricello	Botricello	9	RB0070_D	TR030_0030H	18.56	6.97	27.99	29.69	1.53	0.49	29.81	4.54	0.74
Botricello	Botricello	9	RB0070_D	TR030_0050H	18.56	7.22	27.99	29.75	1.50	0.48	29.86	4.82	0.76
Botricello	Botricello	9	RB0070_D	TR030_0100H	18.56	7.42	27.99	29.79	1.48	0.47	29.90	5.03	0.77
Botricello	Botricello	9	RB0070_D	TR030_0150H	18.56	7.32	27.99	29.77	1.49	0.47	29.88	4.92	0.76
Botricello	Botricello	9	RB0070_D	TR030_0200H	18.56	7.23	27.99	29.75	1.50	0.48	29.86	4.83	0.76
Botricello	Botricello	9	RB0070_D	TR030_0300H	18.56	7.13	27.99	29.73	1.51	0.49	29.84	4.72	0.75
Botricello	Botricello	9	RB0070_D	TR030_0400H	18.56	7.07	27.99	29.71	1.52	0.49	29.83	4.65	0.75
Botricello	Botricello	9	RB0070_D	TR030_0500H	18.56	7.04	27.99	29.71	1.52	0.49	29.82	4.62	0.75
Botricello	Botricello	8	RB0060_A	TR030_0030H	5.49	6.97	27.76	29.60	1.29	0.39	29.68	5.41	0.86
Botricello	Botricello	8	RB0060_A	TR030_0050H	5.49	7.22	27.76	29.67	1.26	0.37	29.75	5.73	0.88
Botricello	Botricello	8	RB0060_A	TR030_0100H	5.49	7.42	27.76	29.71	1.24	0.37	29.79	5.97	0.90
Botricello	Botricello	8	RB0060_A	TR030_0150H	5.49	7.32	27.76	29.69	1.25	0.37	29.77	5.85	0.89
Botricello	Botricello	8	RB0060_A	TR030_0200H	5.49	7.23	27.76	29.67	1.26	0.37	29.75	5.74	0.88
Botricello	Botricello	8	RB0060_A	TR030_0300H	5.49	7.13	27.76	29.64	1.27	0.38	29.72	5.62	0.87
Botricello	Botricello	8	RB0060_A	TR030_0400H	5.49	7.07	27.76	29.63	1.28	0.38	29.71	5.53	0.87
Botricello	Botricello	8	RB0060_A	TR030_0500H	5.49	7.04	27.76	29.62	1.28	0.39	29.70	5.50	0.86
Botricello	Botricello	5	RB0050__	TR030_0030H	19.75	6.97	27.56	28.80	2.30	0.79	29.07	3.02	0.63
Botricello	Botricello	5	RB0050__	TR030_0050H	19.75	7.22	27.56	28.83	2.30	0.78	29.10	3.14	0.65
Botricello	Botricello	5	RB0050__	TR030_0100H	19.75	7.42	27.56	28.85	2.30	0.78	29.12	3.22	0.65
Botricello	Botricello	5	RB0050__	TR030_0150H	19.75	7.32	27.56	28.84	2.30	0.78	29.11	3.18	0.65
Botricello	Botricello	5	RB0050__	TR030_0200H	19.75	7.23	27.56	28.83	2.30	0.78	29.10	3.14	0.65
Botricello	Botricello	5	RB0050__	TR030_0300H	19.75	7.13	27.56	28.82	2.30	0.79	29.09	3.10	0.64
Botricello	Botricello	5	RB0050__	TR030_0400H	19.75	7.07	27.56	28.81	2.30	0.79	29.08	3.07	0.64

River	Reach	River Sta		Plan	Length Chnl (m)	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Vel Total (m/s)	Froude # XS	E.G. Elev (m)	Area (m2)	Hydr Radius (m)
Botricello	Botricello	5	RB0050__	TR030_0500H	19.75	7.04	27.56	28.81	2.30	0.79	29.08	3.06	0.64
Botricello	Botricello	4	RB0040__	TR030_0030H	16.03	6.84	26.50	28.07	1.58	0.52	28.20	4.34	0.75
Botricello	Botricello	4	RB0040__	TR030_0050H	16.03	7.20	26.50	28.20	1.44	0.46	28.31	4.99	0.80
Botricello	Botricello	4	RB0040__	TR030_0100H	16.03	7.41	26.50	28.26	1.41	0.44	28.36	5.27	0.83
Botricello	Botricello	4	RB0040__	TR030_0150H	16.03	7.31	26.50	28.23	1.43	0.45	28.33	5.10	0.81
Botricello	Botricello	4	RB0040__	TR030_0200H	16.03	7.23	26.50	28.19	1.47	0.47	28.30	4.93	0.80
Botricello	Botricello	4	RB0040__	TR030_0300H	16.03	7.13	26.50	28.15	1.52	0.49	28.26	4.70	0.78
Botricello	Botricello	4	RB0040__	TR030_0400H	16.03	7.07	26.50	28.12	1.55	0.51	28.24	4.57	0.77
Botricello	Botricello	4	RB0040__	TR030_0500H	16.03	7.04	26.50	28.10	1.57	0.52	28.23	4.49	0.76
Botricello	Botricello	3	RB0030__	TR030_0030H	16.36	7.49	26.16	27.42	2.53	0.83	27.75	2.96	0.64
Botricello	Botricello	3	RB0030__	TR030_0050H	16.36	8.74	26.16	27.53	2.66	0.84	27.89	3.28	0.67
Botricello	Botricello	3	RB0030__	TR030_0100H	16.36	9.32	26.16	27.57	2.72	0.85	27.95	3.43	0.69
Botricello	Botricello	3	RB0030__	TR030_0150H	16.36	8.98	26.16	27.55	2.68	0.85	27.91	3.35	0.68
Botricello	Botricello	3	RB0030__	TR030_0200H	16.36	8.63	26.16	27.52	2.65	0.84	27.88	3.26	0.67
Botricello	Botricello	3	RB0030__	TR030_0300H	16.36	8.19	26.16	27.48	2.61	0.84	27.83	3.14	0.66
Botricello	Botricello	3	RB0030__	TR030_0400H	16.36	7.93	26.16	27.46	2.58	0.84	27.80	3.07	0.65
Botricello	Botricello	3	RB0030__	TR030_0500H	16.36	7.79	26.16	27.45	2.57	0.83	27.78	3.03	0.65
Botricello	Botricello	2	RB0020__	TR030_0030H	18.91	7.49	25.72	26.64	3.03	1.19	27.11	2.47	0.52
Botricello	Botricello	2	RB0020__	TR030_0050H	18.91	8.74	25.72	26.71	3.20	1.20	27.24	2.73	0.56
Botricello	Botricello	2	RB0020__	TR030_0100H	18.91	9.32	25.72	26.74	3.28	1.21	27.29	2.84	0.58
Botricello	Botricello	2	RB0020__	TR030_0150H	18.91	8.98	25.72	26.72	3.24	1.20	27.26	2.77	0.57
Botricello	Botricello	2	RB0020__	TR030_0200H	18.91	8.63	25.72	26.71	3.19	1.20	27.22	2.70	0.56
Botricello	Botricello	2	RB0020__	TR030_0300H	18.91	8.19	25.72	26.68	3.13	1.20	27.18	2.62	0.54
Botricello	Botricello	2	RB0020__	TR030_0400H	18.91	7.93	25.72	26.67	3.09	1.19	27.16	2.56	0.54
Botricello	Botricello	2	RB0020__	TR030_0500H	18.91	7.79	25.72	26.66	3.07	1.19	27.14	2.53	0.53
Botricello	Botricello	1	RB0010__	TR030_0030H		7.49	23.83	25.11	1.78	1.04	25.27	4.22	0.28
Botricello	Botricello	1	RB0010__	TR030_0050H		8.74	23.83	25.14	1.87	1.05	25.32	4.67	0.30
Botricello	Botricello	1	RB0010__	TR030_0100H		9.32	23.83	25.15	1.91	1.06	25.34	4.88	0.31
Botricello	Botricello	1	RB0010__	TR030_0150H		8.98	23.83	25.15	1.89	1.05	25.33	4.76	0.31
Botricello	Botricello	1	RB0010__	TR030_0200H		8.63	23.83	25.14	1.86	1.05	25.31	4.63	0.30
Botricello	Botricello	1	RB0010__	TR030_0300H		8.19	23.83	25.13	1.83	1.04	25.30	4.48	0.29
Botricello	Botricello	1	RB0010__	TR030_0400H		7.93	23.83	25.12	1.81	1.04	25.29	4.38	0.29
Botricello	Botricello	1	RB0010__	TR030_0500H		7.79	23.83	25.12	1.80	1.04	25.28	4.33	0.29

3.1.2 TEMPO DI RITORNO 200 ANNI

River	Reach	River Sta		Plan	Length Chnl (m)	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Vel Total (m/s)	Froude # XS	E.G. Elev (m)	Area (m2)	Hydr Radius (m)
Botricello	Botricello	20	RB0140__	TR200_0030H	16.59	22.68	33.98	36.09	3.17	0.85	36.61	7.15	0.99
Botricello	Botricello	20	RB0140__	TR200_0050H	16.59	27.18	33.98	36.21	3.52	0.91	36.84	7.72	1.04
Botricello	Botricello	20	RB0140__	TR200_0100H	16.59	30.71	33.98	36.32	3.71	0.92	37.02	8.28	1.08
Botricello	Botricello	20	RB0140__	TR200_0150H	16.59	30.05	33.98	36.29	3.70	0.93	36.99	8.11	1.07
Botricello	Botricello	20	RB0140__	TR200_0200H	16.59	27.56	33.98	36.22	3.54	0.91	36.86	7.78	1.04
Botricello	Botricello	20	RB0140__	TR200_0300H	16.59	22.57	33.98	36.06	3.24	0.88	36.59	6.97	0.98
Botricello	Botricello	20	RB0140__	TR200_0400H	16.59	18.63	33.98	35.96	2.87	0.81	36.38	6.49	0.93
Botricello	Botricello	20	RB0140__	TR200_0500H	16.59	15.26	33.98	35.84	2.61	0.77	36.18	5.86	0.88
Botricello	Botricello	19	RB0130_A	TR200_0030H	13.90	13.88	33.09	35.48	1.50	0.41	35.60	9.26	0.98
Botricello	Botricello	19	RB0130_A	TR200_0050H	13.90	15.26	33.09	35.67	1.45	0.37	35.78	10.50	1.07
Botricello	Botricello	19	RB0130_A	TR200_0100H	13.90	15.32	33.09	35.68	1.45	0.37	35.78	10.56	1.07
Botricello	Botricello	19	RB0130_A	TR200_0150H	13.90	15.71	33.09	35.74	1.43	0.36	35.84	10.97	1.10
Botricello	Botricello	19	RB0130_A	TR200_0200H	13.90	15.33	33.09	35.68	1.45	0.37	35.79	10.57	1.07
Botricello	Botricello	19	RB0130_A	TR200_0300H	13.90	14.53	33.09	35.55	1.49	0.39	35.67	9.74	1.02
Botricello	Botricello	19	RB0130_A	TR200_0400H	13.90	12.99	33.09	35.40	1.49	0.42	35.51	8.70	0.94
Botricello	Botricello	19	RB0130_A	TR200_0500H	13.90	12.00	33.09	35.32	1.47	0.42	35.43	8.18	0.90
Botricello	Botricello	16	RB0120__	TR200_0030H	18.20	13.88	32.62	34.40	2.45	0.84	34.71	5.68	0.74
Botricello	Botricello	16	RB0120__	TR200_0050H	18.20	15.26	32.62	34.49	2.42	0.88	34.79	6.30	0.69
Botricello	Botricello	16	RB0120__	TR200_0100H	18.20	15.32	32.62	34.49	2.42	0.88	34.79	6.32	0.69
Botricello	Botricello	16	RB0120__	TR200_0150H	18.20	15.71	32.62	34.51	2.44	0.89	34.81	6.45	0.68
Botricello	Botricello	16	RB0120__	TR200_0200H	18.20	15.33	32.62	34.49	2.43	0.88	34.79	6.32	0.69
Botricello	Botricello	16	RB0120__	TR200_0300H	18.20	14.53	32.62	34.45	2.42	0.85	34.75	6.01	0.72
Botricello	Botricello	16	RB0120__	TR200_0400H	18.20	12.99	32.62	34.35	2.44	0.84	34.65	5.32	0.74
Botricello	Botricello	16	RB0120__	TR200_0500H	18.20	12.00	32.62	34.29	2.42	0.83	34.58	4.96	0.74
Botricello	Botricello	15	RB0110__	TR200_0030H	19.09	12.37	31.63	33.40	2.54	0.85	33.73	4.87	0.68
Botricello	Botricello	15	RB0110__	TR200_0050H	19.09	12.19	31.63	33.42	2.45	0.82	33.73	4.98	0.67
Botricello	Botricello	15	RB0110__	TR200_0100H	19.09	12.46	31.63	33.42	2.50	0.84	33.74	4.99	0.67
Botricello	Botricello	15	RB0110__	TR200_0150H	19.09	12.67	31.63	33.43	2.52	0.84	33.75	5.02	0.68
Botricello	Botricello	15	RB0110__	TR200_0200H	19.09	12.62	31.63	33.43	2.52	0.84	33.75	5.00	0.68
Botricello	Botricello	15	RB0110__	TR200_0300H	19.09	12.51	31.63	33.41	2.53	0.85	33.74	4.94	0.67
Botricello	Botricello	15	RB0110__	TR200_0400H	19.09	11.97	31.63	33.39	2.48	0.82	33.71	4.83	0.68
Botricello	Botricello	15	RB0110__	TR200_0500H	19.09	11.52	31.63	33.36	2.46	0.79	33.67	4.68	0.71
Botricello	Botricello	14	RB0100__	TR200_0030H	18.97	7.41	30.31	31.67	1.93	0.87	31.86	3.83	0.45
Botricello	Botricello	14	RB0100__	TR200_0050H	18.97	7.60	30.31	31.68	1.96	0.87	31.87	3.89	0.46
Botricello	Botricello	14	RB0100__	TR200_0100H	18.97	7.43	30.31	31.67	1.93	0.87	31.86	3.84	0.45
Botricello	Botricello	14	RB0100__	TR200_0150H	18.97	7.61	30.31	31.68	1.96	0.87	31.87	3.89	0.46
Botricello	Botricello	14	RB0100__	TR200_0200H	18.97	7.60	30.31	31.68	1.96	0.87	31.87	3.89	0.46
Botricello	Botricello	14	RB0100__	TR200_0300H	18.97	7.60	30.31	31.68	1.96	0.87	31.87	3.89	0.46
Botricello	Botricello	14	RB0100__	TR200_0400H	18.97	7.41	30.31	31.67	1.93	0.87	31.86	3.83	0.45
Botricello	Botricello	14	RB0100__	TR200_0500H	18.97	7.40	30.31	31.67	1.93	0.87	31.86	3.83	0.45
Botricello	Botricello	13	RB0090__	TR200_0030H	19.45	5.83	29.25	30.85	1.23	0.45	30.93	4.72	0.64
Botricello	Botricello	13	RB0090__	TR200_0050H	19.45	5.72	29.25	30.91	1.13	0.41	30.97	5.08	0.65
Botricello	Botricello	13	RB0090__	TR200_0100H	19.45	5.97	29.25	30.84	1.29	0.47	30.92	4.64	0.64
Botricello	Botricello	13	RB0090__	TR200_0150H	19.45	6.16	29.25	30.86	1.29	0.47	30.94	4.76	0.64
Botricello	Botricello	13	RB0090__	TR200_0200H	19.45	6.26	29.25	30.84	1.34	0.49	30.93	4.68	0.64
Botricello	Botricello	13	RB0090__	TR200_0300H	19.45	6.43	29.25	30.82	1.42	0.52	30.92	4.54	0.63
Botricello	Botricello	13	RB0090__	TR200_0400H	19.45	6.42	29.25	30.78	1.49	0.55	30.89	4.30	0.63
Botricello	Botricello	13	RB0090__	TR200_0500H	19.45	6.47	29.25	30.77	1.52	0.56	30.89	4.25	0.62
Botricello	Botricello	12	RB0080_A	TR200_0030H	18.67	7.85	28.67	30.48	1.56	0.52	30.61	5.04	0.75
Botricello	Botricello	12	RB0080_A	TR200_0050H	18.67	7.81	28.67	30.48	1.55	0.52	30.60	5.02	0.75
Botricello	Botricello	12	RB0080_A	TR200_0100H	18.67	7.74	28.67	30.48	1.55	0.51	30.60	5.00	0.74
Botricello	Botricello	12	RB0080_A	TR200_0150H	18.67	7.55	28.67	30.47	1.52	0.51	30.59	4.95	0.74
Botricello	Botricello	12	RB0080_A	TR200_0200H	18.67	7.48	28.67	30.46	1.52	0.50	30.58	4.94	0.74
Botricello	Botricello	12	RB0080_A	TR200_0300H	18.67	7.37	28.67	30.46	1.50	0.50	30.57	4.91	0.74
Botricello	Botricello	12	RB0080_A	TR200_0400H	18.67	7.27	28.67	30.45	1.49	0.50	30.57	4.89	0.74
Botricello	Botricello	12	RB0080_A	TR200_0500H	18.67	7.21	28.67	30.45	1.48	0.50	30.56	4.87	0.73
Botricello	Botricello	9	RB0070_D	TR200_0030H	18.56	7.85	27.99	29.87	1.44	0.45	29.98	5.44	0.79
Botricello	Botricello	9	RB0070_D	TR200_0050H	18.56	7.81	27.99	29.86	1.45	0.46	29.97	5.39	0.79
Botricello	Botricello	9	RB0070_D	TR200_0100H	18.56	7.73	27.99	29.85	1.45	0.45	29.96	5.35	0.79
Botricello	Botricello	9	RB0070_D	TR200_0150H	18.56	7.54	27.99	29.81	1.47	0.46	29.92	5.15	0.78
Botricello	Botricello	9	RB0070_D	TR200_0200H	18.56	7.48	27.99	29.80	1.47	0.47	29.91	5.08	0.77
Botricello	Botricello	9	RB0070_D	TR200_0300H	18.56	7.37	27.99	29.78	1.49	0.47	29.89	4.96	0.77
Botricello	Botricello	9	RB0070_D	TR200_0400H	18.56	7.27	27.99	29.76	1.49	0.48	29.87	4.87	0.76
Botricello	Botricello	9	RB0070_D	TR200_0500H	18.56	7.21	27.99	29.74	1.50	0.48	29.86	4.80	0.76
Botricello	Botricello	8	RB0060_A	TR200_0030H	5.49	7.85	27.76	29.80	1.22	0.36	29.88	6.42	0.90
Botricello	Botricello	8	RB0060_A	TR200_0050H	5.49	7.81	27.76	29.79	1.22	0.36	29.87	6.39	0.91
Botricello	Botricello	8	RB0060_A	TR200_0100H	5.49	7.73	27.76	29.78	1.22	0.36	29.86	6.33	0.91
Botricello	Botricello	8	RB0060_A	TR200_0150H	5.49	7.54	27.76	29.74	1.23	0.36	29.82	6.12	0.91
Botricello	Botricello	8	RB0060_A	TR200_0200H	5.49	7.48	27.76	29.73	1.24	0.36	29.81	6.05	0.91
Botricello	Botricello	8	RB0060_A	TR200_0300H	5.49	7.37	27.76	29.70	1.25	0.37	29.78	5.92	0.90
Botricello	Botricello	8	RB0060_A	TR200_0400H	5.49	7.27	27.76	29.68	1.26	0.37	29.76	5.79	0.89
Botricello	Botricello	8	RB0060_A	TR200_0500H	5.49	7.21	27.76	29.66	1.26	0.38	29.74	5.71	0.88
Botricello	Botricello	5	RB0050__	TR200_0030H	19.75	7.85	27.56	28.91	2.28	0.75	29.18	3.45	0.68
Botricello	Botricello	5	RB0050__	TR200_0050H	19.75	7.80	27.56	28.92	2.24	0.74	29.18	3.48	0.68
Botricello	Botricello	5	RB0050__	TR200_0100H	19.75	7.73	27.56	28.90	2.29	0.76	29.16	3.38	0.67
Botricello	Botricello	5	RB0050__	TR200_0150H	19.75	7.54	27.56	28.86	2.31	0.78	29.14	3.26	0.66
Botricello	Botricello	5	RB0050__	TR200_0200H	19.75	7.48	27.56	28.85	2.32	0.78	29.13	3.22	0.65
Botricello	Botricello	5	RB0050__	TR200_0300H	19.75	7.37	27.56	28.83	2.34	0.79	29.11	3.15	0.65
Botricello	Botricello	5	RB0050__	TR200_0400H	19.75	7.27	27.56	28.83	2.31	0.78	29.10	3.15	0.65

River	Reach	River Sta		Plan	Length Chnl (m)	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Vel Total (m/s)	Froude # XS	E.G. Elev (m)	Area (m2)	Hydr Radius (m)
Botricello	Botricello	5	RB0050__	TR200_0500H	19.75	7.21	27.56	28.82	2.31	0.79	29.10	3.12	0.64
Botricello	Botricello	4	RB0040__	TR200_0030H	16.03	7.81	26.50	28.45	1.25	0.37	28.53	6.27	0.91
Botricello	Botricello	4	RB0040__	TR200_0050H	16.03	7.76	26.50	28.64	1.06	0.30	28.69	7.34	0.97
Botricello	Botricello	4	RB0040__	TR200_0100H	16.03	7.73	26.50	28.40	1.29	0.39	28.49	6.01	0.89
Botricello	Botricello	4	RB0040__	TR200_0150H	16.03	7.54	26.50	28.47	1.18	0.35	28.54	6.39	0.92
Botricello	Botricello	4	RB0040__	TR200_0200H	16.03	7.48	26.50	28.43	1.22	0.37	28.50	6.15	0.90
Botricello	Botricello	4	RB0040__	TR200_0300H	16.03	7.37	26.50	28.35	1.28	0.39	28.44	5.76	0.87
Botricello	Botricello	4	RB0040__	TR200_0400H	16.03	7.27	26.50	28.19	1.48	0.47	28.30	4.92	0.80
Botricello	Botricello	4	RB0040__	TR200_0500H	16.03	7.21	26.50	28.16	1.51	0.49	28.28	4.78	0.79
Botricello	Botricello	3	RB0030__	TR200_0030H	16.36	11.35	26.16	27.72	2.89	0.86	28.15	3.93	0.73
Botricello	Botricello	3	RB0030__	TR200_0050H	16.36	11.61	26.16	27.74	2.90	0.87	28.17	4.00	0.74
Botricello	Botricello	3	RB0030__	TR200_0100H	16.36	10.83	26.16	27.68	2.84	0.86	28.10	3.81	0.72
Botricello	Botricello	3	RB0030__	TR200_0150H	16.36	10.04	26.16	27.63	2.78	0.85	28.02	3.61	0.70
Botricello	Botricello	3	RB0030__	TR200_0200H	16.36	9.64	26.16	27.60	2.74	0.85	27.98	3.51	0.69
Botricello	Botricello	3	RB0030__	TR200_0300H	16.36	8.61	26.16	27.55	2.55	0.80	27.89	3.37	0.68
Botricello	Botricello	3	RB0030__	TR200_0400H	16.36	8.36	26.16	27.52	2.56	0.81	27.85	3.27	0.67
Botricello	Botricello	3	RB0030__	TR200_0500H	16.36	8.36	26.16	27.50	2.62	0.84	27.85	3.19	0.66
Botricello	Botricello	2	RB0020__	TR200_0030H	18.91	11.35	25.72	26.84	3.52	1.23	27.47	3.22	0.63
Botricello	Botricello	2	RB0020__	TR200_0050H	18.91	11.61	25.72	26.85	3.55	1.23	27.50	3.27	0.63
Botricello	Botricello	2	RB0020__	TR200_0100H	18.91	10.83	25.72	26.82	3.46	1.22	27.43	3.13	0.61
Botricello	Botricello	2	RB0020__	TR200_0150H	18.91	10.04	25.72	26.78	3.37	1.22	27.36	2.98	0.59
Botricello	Botricello	2	RB0020__	TR200_0200H	18.91	9.64	25.72	26.76	3.32	1.21	27.32	2.90	0.58
Botricello	Botricello	2	RB0020__	TR200_0300H	18.91	9.07	25.72	26.73	3.25	1.21	27.27	2.79	0.57
Botricello	Botricello	2	RB0020__	TR200_0400H	18.91	8.74	25.72	26.71	3.21	1.20	27.24	2.73	0.56
Botricello	Botricello	2	RB0020__	TR200_0500H	18.91	8.36	25.72	26.69	3.15	1.20	27.20	2.65	0.55
Botricello	Botricello	1	RB0010__	TR200_0030H		11.35	23.83	25.20	2.04	1.08	25.41	5.56	0.35
Botricello	Botricello	1	RB0010__	TR200_0050H		11.61	23.83	25.20	2.06	1.08	25.42	5.64	0.35
Botricello	Botricello	1	RB0010__	TR200_0100H		10.83	23.83	25.19	2.01	1.07	25.39	5.40	0.34
Botricello	Botricello	1	RB0010__	TR200_0150H		10.04	23.83	25.17	1.96	1.06	25.37	5.13	0.32
Botricello	Botricello	1	RB0010__	TR200_0200H		9.64	23.83	25.16	1.93	1.06	25.35	5.00	0.32
Botricello	Botricello	1	RB0010__	TR200_0300H		9.07	23.83	25.15	1.89	1.05	25.33	4.79	0.31
Botricello	Botricello	1	RB0010__	TR200_0400H		8.74	23.83	25.14	1.87	1.05	25.32	4.67	0.30
Botricello	Botricello	1	RB0010__	TR200_0500H		8.36	23.83	25.13	1.84	1.05	25.30	4.54	0.30

3.2 RIO PESCAIONE

3.2.1 TEMPO DI RITORNO 30 ANNI

River	Reach	River Sta		Plan	Length Chnl	Q Total	Min Ch El	W.S. Elev	Vel Total	Froude # XS	E.G. Elev	Area	Hydr Radius
					(m)	(m3/s)	(m)	(m)	(m/s)		(m)	(m2)	(m)
Pescaione	Pescaione	35	PS0230	TR030_0030H	4.98	10.15	42.29	43.60	2.16	0.76	43.83	4.69	0.67
Pescaione	Pescaione	35	PS0230	TR030_0050H	4.98	14.69	42.29	43.73	2.68	0.89	44.10	5.48	0.74
Pescaione	Pescaione	35	PS0230	TR030_0100H	4.98	16.86	42.29	43.83	2.79	0.90	44.22	6.05	0.78
Pescaione	Pescaione	35	PS0230	TR030_0150H	4.98	16.33	42.29	43.80	2.76	0.89	44.19	5.91	0.77
Pescaione	Pescaione	35	PS0230	TR030_0200H	4.98	14.78	42.29	43.74	2.68	0.89	44.10	5.51	0.74
Pescaione	Pescaione	35	PS0230	TR030_0300H	4.98	12.42	42.29	43.62	2.57	0.89	43.96	4.84	0.68
Pescaione	Pescaione	35	PS0230	TR030_0400H	4.98	11.41	42.29	43.57	2.51	0.89	43.89	4.54	0.65
Pescaione	Pescaione	35	PS0230	TR030_0500H	4.98	9.22	42.29	43.56	2.07	0.74	43.77	4.46	0.65
Pescaione	Pescaione	34	PS0220_A	TR030_0030H	3.59	7.14	40.77	43.43	0.87	0.19	43.46	8.20	1.02
Pescaione	Pescaione	34	PS0220_A	TR030_0050H	3.59	7.31	40.77	43.43	0.89	0.20	43.47	8.22	1.02
Pescaione	Pescaione	34	PS0220_A	TR030_0100H	3.59	7.17	40.77	43.43	0.87	0.19	43.47	8.21	1.02
Pescaione	Pescaione	34	PS0220_A	TR030_0150H	3.59	7.11	40.77	43.42	0.87	0.19	43.46	8.18	1.01
Pescaione	Pescaione	34	PS0220_A	TR030_0200H	3.59	7.09	40.77	43.42	0.87	0.19	43.46	8.17	1.01
Pescaione	Pescaione	34	PS0220_A	TR030_0300H	3.59	7.07	40.77	43.42	0.87	0.19	43.45	8.16	1.01
Pescaione	Pescaione	34	PS0220_A	TR030_0400H	3.59	7.06	40.77	43.41	0.87	0.19	43.45	8.16	1.01
Pescaione	Pescaione	34	PS0220_A	TR030_0500H	3.59	7.06	40.77	43.41	0.87	0.19	43.45	8.15	1.01
Pescaione	Pescaione	33.5		TR030_0030H	1.00	7.12	40.42	43.43	0.78	0.17	43.46	9.07	1.05
Pescaione	Pescaione	33.5		TR030_0050H	1.00	7.18	40.42	43.43	0.79	0.17	43.46	9.09	1.05
Pescaione	Pescaione	33.5		TR030_0100H	1.00	7.12	40.42	43.43	0.78	0.17	43.46	9.08	1.05
Pescaione	Pescaione	33.5		TR030_0150H	1.00	7.09	40.42	43.42	0.78	0.17	43.45	9.04	1.05
Pescaione	Pescaione	33.5		TR030_0200H	1.00	7.08	40.42	43.42	0.78	0.17	43.45	9.04	1.05
Pescaione	Pescaione	33.5		TR030_0300H	1.00	7.07	40.42	43.42	0.78	0.17	43.45	9.03	1.04
Pescaione	Pescaione	33.5		TR030_0400H	1.00	7.06	40.42	43.41	0.78	0.17	43.45	9.02	1.04
Pescaione	Pescaione	33.5		TR030_0500H	1.00	7.06	40.42	43.41	0.78	0.17	43.44	9.02	1.04
Pescaione	Pescaione	33		TR030_0030H	2.80	7.11	40.37	43.39	1.14	0.21	43.45	6.22	0.48
Pescaione	Pescaione	33		TR030_0050H	2.80	7.17	40.37	43.39	1.15	0.21	43.46	6.23	0.48
Pescaione	Pescaione	33		TR030_0100H	2.80	7.12	40.37	43.39	1.14	0.21	43.46	6.22	0.48
Pescaione	Pescaione	33		TR030_0150H	2.80	7.09	40.37	43.38	1.14	0.21	43.45	6.20	0.48
Pescaione	Pescaione	33		TR030_0200H	2.80	7.08	40.37	43.38	1.14	0.21	43.44	6.19	0.48
Pescaione	Pescaione	33		TR030_0300H	2.80	7.07	40.37	43.38	1.14	0.21	43.44	6.18	0.48
Pescaione	Pescaione	33		TR030_0400H	2.80	7.06	40.37	43.37	1.14	0.21	43.44	6.18	0.48
Pescaione	Pescaione	33		TR030_0500H	2.80	7.06	40.37	43.37	1.14	0.21	43.44	6.18	0.48
Pescaione	Pescaione	32.6		TR030_0030H	2.80	7.10	40.28	43.37	1.17	0.21	43.44	6.09	0.47
Pescaione	Pescaione	32.6		TR030_0050H	2.80	7.15	40.28	43.38	1.17	0.21	43.45	6.11	0.47
Pescaione	Pescaione	32.6		TR030_0100H	2.80	7.11	40.28	43.38	1.17	0.21	43.45	6.10	0.47
Pescaione	Pescaione	32.6		TR030_0150H	2.80	7.08	40.28	43.37	1.17	0.21	43.44	6.07	0.47
Pescaione	Pescaione	32.6		TR030_0200H	2.80	7.07	40.28	43.36	1.17	0.21	43.43	6.06	0.47
Pescaione	Pescaione	32.6		TR030_0300H	2.80	7.07	40.28	43.36	1.17	0.21	43.43	6.06	0.47
Pescaione	Pescaione	32.6		TR030_0400H	2.80	7.06	40.28	43.36	1.17	0.21	43.43	6.05	0.47
Pescaione	Pescaione	32.6		TR030_0500H	2.80	7.06	40.28	43.36	1.17	0.21	43.43	6.05	0.47
Pescaione	Pescaione	32.3		TR030_0030H	2.80	7.10	40.19	43.38	0.98	0.18	43.43	7.23	0.50
Pescaione	Pescaione	32.3		TR030_0050H	2.80	7.13	40.19	43.38	0.98	0.18	43.43	7.25	0.50
Pescaione	Pescaione	32.3		TR030_0100H	2.80	7.11	40.19	43.38	0.98	0.18	43.43	7.24	0.50
Pescaione	Pescaione	32.3		TR030_0150H	2.80	7.08	40.19	43.37	0.98	0.18	43.42	7.20	0.50
Pescaione	Pescaione	32.3		TR030_0200H	2.80	7.07	40.19	43.37	0.98	0.18	43.42	7.19	0.50
Pescaione	Pescaione	32.3		TR030_0300H	2.80	7.07	40.19	43.37	0.98	0.18	43.42	7.19	0.50
Pescaione	Pescaione	32.3		TR030_0400H	2.80	7.06	40.19	43.37	0.98	0.18	43.41	7.18	0.50
Pescaione	Pescaione	32.3		TR030_0500H	2.80	7.06	40.19	43.36	0.98	0.18	43.41	7.18	0.50
Pescaione	Pescaione	32		TR030_0030H	1.00	12.79	40.10	42.02	6.19	1.43	43.97	2.06	0.18
Pescaione	Pescaione	32		TR030_0050H	1.00	13.65	40.10	42.05	6.23	1.42	44.03	2.19	0.19
Pescaione	Pescaione	32		TR030_0100H	1.00	15.59	40.10	42.13	6.31	1.41	44.16	2.47	0.21
Pescaione	Pescaione	32		TR030_0150H	1.00	15.11	40.10	42.11	6.29	1.42	44.13	2.40	0.20
Pescaione	Pescaione	32		TR030_0200H	1.00	13.74	40.10	42.06	6.23	1.42	44.04	2.21	0.19
Pescaione	Pescaione	32		TR030_0300H	1.00	12.45	40.10	42.01	6.17	1.43	43.95	2.02	0.17
Pescaione	Pescaione	32		TR030_0400H	1.00	12.31	40.10	42.00	6.16	1.43	43.93	2.00	0.17
Pescaione	Pescaione	32		TR030_0500H	1.00	12.27	40.10	42.00	6.15	1.42	43.93	2.00	0.17
Pescaione	Pescaione	31.5		TR030_0030H	3.96	12.69	40.09	41.34	2.77	0.93	41.73	4.58	0.76
Pescaione	Pescaione	31.5		TR030_0050H	3.96	13.65	40.09	41.38	2.85	0.94	41.79	4.78	0.78
Pescaione	Pescaione	31.5		TR030_0100H	3.96	15.59	40.09	41.47	2.96	0.95	41.92	5.26	0.82
Pescaione	Pescaione	31.5		TR030_0150H	3.96	15.11	40.09	41.45	2.93	0.95	41.89	5.15	0.81
Pescaione	Pescaione	31.5		TR030_0200H	3.96	13.74	40.09	41.38	2.86	0.94	41.80	4.81	0.78
Pescaione	Pescaione	31.5		TR030_0300H	3.96	12.31	40.09	41.32	2.73	0.92	41.70	4.50	0.75
Pescaione	Pescaione	31.5		TR030_0400H	3.96	12.21	40.09	41.32	2.72	0.92	41.70	4.48	0.75
Pescaione	Pescaione	31.5		TR030_0500H	3.96	12.17	40.09	41.32	2.72	0.92	41.69	4.47	0.75
Pescaione	Pescaione	31	PS0210_D	TR030_0030H	4.90	12.65	40.07	41.22	3.09	1.07	41.70	4.10	0.71
Pescaione	Pescaione	31	PS0210_D	TR030_0050H	4.90	13.65	40.07	41.25	3.20	1.09	41.77	4.27	0.73
Pescaione	Pescaione	31	PS0210_D	TR030_0100H	4.90	15.59	40.07	41.35	3.29	1.09	41.90	4.73	0.77
Pescaione	Pescaione	31	PS0210_D	TR030_0150H	4.90	15.11	40.07	41.32	3.27	1.09	41.87	4.63	0.76
Pescaione	Pescaione	31	PS0210_D	TR030_0200H	4.90	13.74	40.07	41.26	3.20	1.09	41.78	4.30	0.73
Pescaione	Pescaione	31	PS0210_D	TR030_0300H	4.90	12.28	40.07	41.20	3.05	1.06	41.68	4.03	0.70
Pescaione	Pescaione	31	PS0210_D	TR030_0400H	4.90	12.18	40.07	41.20	3.03	1.06	41.67	4.01	0.70
Pescaione	Pescaione	31	PS0210_D	TR030_0500H	4.90	12.14	40.07	41.20	3.03	1.06	41.67	4.01	0.70
Pescaione	Pescaione	30	PS0200_A	TR030_0030H	3.23	9.28	36.87	39.71	0.69	0.16	39.74	13.41	1.37
Pescaione	Pescaione	30	PS0200_A	TR030_0050H	3.23	10.61	36.87	39.93	0.71	0.16	39.96	14.98	1.45
Pescaione	Pescaione	30	PS0200_A	TR030_0100H	3.23	11.57	36.87	40.08	0.72	0.16	40.10	16.06	1.50
Pescaione	Pescaione	30	PS0200_A	TR030_0150H	3.23	11.44	36.87	40.07	0.71	0.16	40.10	16.02	1.50
Pescaione	Pescaione	30	PS0200_A	TR030_0200H	3.23	10.80	36.87	39.97	0.71	0.16	40.00	15.28	1.46
Pescaione	Pescaione	30	PS0200_A	TR030_0300H	3.23	8.98	36.87	39.85	0.62	0.14	39.87	14.43	1.42
Pescaione	Pescaione	30	PS0200_A	TR030_0400H	3.23	8.42	36.87	39.78	0.60	0.14	39.80	13.93	1.40
Pescaione	Pescaione	30	PS0200_A	TR030_0500H	3.23	7.97	36.87	39.69	0.60	0.14	39.71	13.25	1.36

River	Reach	River Sta		Plan	Length Chnl (m)	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Vel Total (m/s)	Froude # XS	E.G. Elev (m)	Area (m2)	Hydr Radius (m)
Pescaione	Pescaione	29	PS0198_B	TR030_0030H	3.94	7.75	36.76	39.40	2.66	0.52	39.76	2.91	0.43
Pescaione	Pescaione	29	PS0198_B	TR030_0050H	3.94	8.08	36.76	39.61	2.78	0.52	40.01	2.91	0.43
Pescaione	Pescaione	29	PS0198_B	TR030_0100H	3.94	9.34	36.76	40.00	2.30	0.41	40.27	4.05	0.34
Pescaione	Pescaione	29	PS0198_B	TR030_0150H	3.94	8.28	36.76	39.75	2.85	0.53	40.16	2.91	0.43
Pescaione	Pescaione	29	PS0198_B	TR030_0200H	3.94	8.14	36.76	39.65	2.80	0.53	40.05	2.91	0.43
Pescaione	Pescaione	29	PS0198_B	TR030_0300H	3.94	7.95	36.76	39.53	2.73	0.52	39.91	2.91	0.43
Pescaione	Pescaione	29	PS0198_B	TR030_0400H	3.94	7.84	36.76	39.46	2.69	0.52	39.83	2.91	0.43
Pescaione	Pescaione	29	PS0198_B	TR030_0500H	3.94	7.70	36.76	39.36	2.64	0.52	39.72	2.91	0.43
Pescaione	Pescaione	28	PS0192_C	TR030_0030H	1.00	7.75	35.49	37.13	2.38	0.59	37.42	3.25	0.45
Pescaione	Pescaione	28	PS0192_C	TR030_0050H	1.00	8.08	35.49	37.15	2.48	0.62	37.47	3.25	0.45
Pescaione	Pescaione	28	PS0192_C	TR030_0100H	1.00	8.73	35.49	37.19	2.68	0.66	37.55	3.25	0.45
Pescaione	Pescaione	28	PS0192_C	TR030_0150H	1.00	8.28	35.49	37.16	2.55	0.63	37.49	3.25	0.45
Pescaione	Pescaione	28	PS0192_C	TR030_0200H	1.00	8.14	35.49	37.15	2.50	0.62	37.47	3.25	0.45
Pescaione	Pescaione	28	PS0192_C	TR030_0300H	1.00	7.95	35.49	37.14	2.44	0.61	37.45	3.25	0.45
Pescaione	Pescaione	28	PS0192_C	TR030_0400H	1.00	7.84	35.49	37.14	2.41	0.60	37.44	3.25	0.45
Pescaione	Pescaione	28	PS0192_C	TR030_0500H	1.00	7.70	35.49	37.13	2.37	0.59	37.42	3.25	0.45
Pescaione	Pescaione	27.9		TR030_0030H	3.43	7.75	35.49	37.12	2.38	0.60	37.41	3.25	0.62
Pescaione	Pescaione	27.9		TR030_0050H	3.43	8.08	35.49	37.14	2.46	0.65	37.44	3.29	0.60
Pescaione	Pescaione	27.9		TR030_0100H	3.43	8.73	35.49	37.17	2.60	0.74	37.51	3.36	0.57
Pescaione	Pescaione	27.9		TR030_0150H	3.43	8.28	35.49	37.15	2.50	0.68	37.47	3.31	0.59
Pescaione	Pescaione	27.9		TR030_0200H	3.43	8.14	35.49	37.14	2.47	0.66	37.45	3.30	0.60
Pescaione	Pescaione	27.9		TR030_0300H	3.43	7.95	35.49	37.13	2.43	0.63	37.43	3.27	0.61
Pescaione	Pescaione	27.9		TR030_0400H	3.43	7.84	35.49	37.12	2.40	0.61	37.42	3.26	0.61
Pescaione	Pescaione	27.9		TR030_0500H	3.43	7.70	35.49	37.12	2.37	0.59	37.40	3.24	0.62
Pescaione	Pescaione	27	PS0190_D	TR030_0030H	4.61	7.75	35.06	36.39	2.91	0.80	36.82	2.66	0.57
Pescaione	Pescaione	27	PS0190_D	TR030_0050H	4.61	8.07	35.06	36.46	2.88	0.78	36.89	2.80	0.58
Pescaione	Pescaione	27	PS0190_D	TR030_0100H	4.61	8.73	35.06	36.56	2.91	0.76	36.99	3.00	0.60
Pescaione	Pescaione	27	PS0190_D	TR030_0150H	4.61	8.28	35.06	36.52	2.85	0.75	36.93	2.91	0.59
Pescaione	Pescaione	27	PS0190_D	TR030_0200H	4.61	8.14	35.06	36.48	2.87	0.77	36.90	2.84	0.59
Pescaione	Pescaione	27	PS0190_D	TR030_0300H	4.61	7.95	35.06	36.43	2.89	0.79	36.86	2.75	0.58
Pescaione	Pescaione	27	PS0190_D	TR030_0400H	4.61	7.84	35.06	36.41	2.90	0.80	36.84	2.70	0.57
Pescaione	Pescaione	27	PS0190_D	TR030_0500H	4.61	7.69	35.06	36.39	2.91	0.81	36.82	2.65	0.57
Pescaione	Pescaione	26	PS0180	TR030_0030H	4.95	8.11	34.12	35.40	2.43	0.79	35.70	3.34	0.68
Pescaione	Pescaione	26	PS0180	TR030_0050H	4.95	8.75	34.12	35.47	2.45	0.77	35.78	3.58	0.70
Pescaione	Pescaione	26	PS0180	TR030_0100H	4.95	9.69	34.12	35.58	2.45	0.75	35.88	3.95	0.74
Pescaione	Pescaione	26	PS0180	TR030_0150H	4.95	9.24	34.12	35.53	2.44	0.75	35.83	3.79	0.72
Pescaione	Pescaione	26	PS0180	TR030_0200H	4.95	8.90	34.12	35.49	2.44	0.77	35.79	3.64	0.71
Pescaione	Pescaione	26	PS0180	TR030_0300H	4.95	8.50	34.12	35.44	2.44	0.78	35.75	3.49	0.69
Pescaione	Pescaione	26	PS0180	TR030_0400H	4.95	8.30	34.12	35.42	2.43	0.78	35.72	3.41	0.68
Pescaione	Pescaione	26	PS0180	TR030_0500H	4.95	8.04	34.12	35.39	2.43	0.79	35.69	3.31	0.67
Pescaione	Pescaione	25	PS0170_A	TR030_0030H	4.12	8.26	33.41	35.16	1.69	0.42	35.31	4.88	0.81
Pescaione	Pescaione	25	PS0170_A	TR030_0050H	4.12	8.99	33.41	35.24	1.76	0.43	35.40	5.10	0.83
Pescaione	Pescaione	25	PS0170_A	TR030_0100H	4.12	10.00	33.41	35.35	1.83	0.43	35.53	5.45	0.86
Pescaione	Pescaione	25	PS0170_A	TR030_0150H	4.12	9.56	33.41	35.31	1.80	0.43	35.47	5.30	0.85
Pescaione	Pescaione	25	PS0170_A	TR030_0200H	4.12	9.16	33.41	35.26	1.78	0.43	35.42	5.16	0.84
Pescaione	Pescaione	25	PS0170_A	TR030_0300H	4.12	8.71	33.41	35.21	1.74	0.43	35.36	5.02	0.82
Pescaione	Pescaione	25	PS0170_A	TR030_0400H	4.12	8.49	33.41	35.19	1.71	0.43	35.34	4.95	0.82
Pescaione	Pescaione	25	PS0170_A	TR030_0500H	4.12	8.18	33.41	35.16	1.69	0.42	35.30	4.85	0.81
Pescaione	Pescaione	24.5		TR030_0030H	1.00	8.26	33.41	35.14	1.71	0.43	35.29	4.82	0.81
Pescaione	Pescaione	24.5		TR030_0050H	1.00	8.99	33.41	35.22	1.79	0.44	35.38	5.03	0.83
Pescaione	Pescaione	24.5		TR030_0100H	1.00	10.00	33.41	35.33	1.86	0.44	35.51	5.38	0.85
Pescaione	Pescaione	24.5		TR030_0150H	1.00	9.56	33.41	35.28	1.83	0.44	35.45	5.23	0.84
Pescaione	Pescaione	24.5		TR030_0200H	1.00	9.16	33.41	35.24	1.80	0.44	35.40	5.09	0.83
Pescaione	Pescaione	24.5		TR030_0300H	1.00	8.71	33.41	35.19	1.76	0.44	35.35	4.95	0.82
Pescaione	Pescaione	24.5		TR030_0400H	1.00	8.49	33.41	35.17	1.74	0.43	35.32	4.89	0.82
Pescaione	Pescaione	24.5		TR030_0500H	1.00	8.18	33.41	35.14	1.71	0.43	35.28	4.79	0.81
Pescaione	Pescaione	22.5		TR030_0030H	5.04	8.26	33.41	34.52	2.79	0.89	34.92	2.96	0.63
Pescaione	Pescaione	22.5		TR030_0050H	5.04	8.99	33.41	34.57	2.89	0.90	35.00	3.11	0.65
Pescaione	Pescaione	22.5		TR030_0100H	5.04	9.99	33.41	34.64	3.02	0.92	35.11	3.31	0.67
Pescaione	Pescaione	22.5		TR030_0150H	5.04	9.56	33.41	34.61	2.97	0.91	35.06	3.22	0.66
Pescaione	Pescaione	22.5		TR030_0200H	5.04	9.16	33.41	34.59	2.92	0.91	35.02	3.14	0.65
Pescaione	Pescaione	22.5		TR030_0300H	5.04	8.71	33.41	34.55	2.85	0.90	34.97	3.05	0.64
Pescaione	Pescaione	22.5		TR030_0400H	5.04	8.49	33.41	34.54	2.82	0.90	34.95	3.01	0.63
Pescaione	Pescaione	22.5		TR030_0500H	5.04	8.18	33.41	34.52	2.78	0.89	34.91	2.95	0.63
Pescaione	Pescaione	22	PS0160_D	TR030_0030H	4.42	8.26	33.41	34.42	3.11	1.05	34.91	2.66	0.59
Pescaione	Pescaione	22	PS0160_D	TR030_0050H	4.42	8.99	33.41	34.47	3.22	1.06	35.00	2.79	0.61
Pescaione	Pescaione	22	PS0160_D	TR030_0100H	4.42	9.99	33.41	34.53	3.36	1.07	35.10	2.98	0.63
Pescaione	Pescaione	22	PS0160_D	TR030_0150H	4.42	9.56	33.41	34.50	3.30	1.07	35.06	2.90	0.62
Pescaione	Pescaione	22	PS0160_D	TR030_0200H	4.42	9.16	33.41	34.48	3.25	1.06	35.01	2.82	0.61
Pescaione	Pescaione	22	PS0160_D	TR030_0300H	4.42	8.71	33.41	34.45	3.18	1.06	34.96	2.74	0.60
Pescaione	Pescaione	22	PS0160_D	TR030_0400H	4.42	8.49	33.41	34.44	3.14	1.05	34.94	2.70	0.60
Pescaione	Pescaione	22	PS0160_D	TR030_0500H	4.42	8.18	33.41	34.42	3.10	1.05	34.91	2.64	0.59
Pescaione	Pescaione	21	PS0150	TR030_0030H	4.94	8.33	32.52	33.69	2.50	1.00	34.01	3.33	0.56
Pescaione	Pescaione	21	PS0150	TR030_0050H	4.94	9.15	32.52	33.75	2.52	0.97	34.07	3.64	0.60
Pescaione	Pescaione	21	PS0150	TR030_0100H	4.94	10.26	32.52	33.81	2.58	0.96	34.15	3.98	0.64
Pescaione	Pescaione	21	PS0150	TR030_0150H	4.94	9.84	32.52	33.79	2.55	0.96	34.12	3.86	0.62
Pescaione	Pescaione	21	PS0150	TR030_0200H	4.94	9.36	32.52	33.76	2.52	0.97	34.08	3.71	0.61
Pescaione	Pescaione	21	PS0150	TR030_0300H	4.94	8.84	32.52	33.72	2.50	0.98	34.04	3.53	0.59
Pescaione	Pescaione	21	PS0150	TR030_0400H	4.94	8.59	32.52	33.71	2.50	0.98	34.03	3.44	0.58
Pescaione	Pescaione	21	PS0150	TR030_0500H	4.94	8.25	32.52	33.68	2.50	1.00	34.00	3.30	0.56

River	Reach	River Sta		Plan	Length Chnl (m)	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Vel Total (m/s)	Froude # XS	E.G. Elev (m)	Area (m2)	Hydr Radius (m)
Pescaione	Pescaione	20	PS0140	TR030_0030H	4.74	8.94	30.95	32.21	2.78	0.97	32.60	3.21	0.66
Pescaione	Pescaione	20	PS0140	TR030_0050H	4.74	10.04	30.95	32.29	2.85	0.97	32.70	3.52	0.70
Pescaione	Pescaione	20	PS0140	TR030_0100H	4.74	11.39	30.95	32.37	2.93	0.97	32.81	3.89	0.73
Pescaione	Pescaione	20	PS0140	TR030_0150H	4.74	10.98	30.95	32.35	2.91	0.97	32.78	3.78	0.72
Pescaione	Pescaione	20	PS0140	TR030_0200H	4.74	10.33	30.95	32.31	2.87	0.97	32.73	3.60	0.70
Pescaione	Pescaione	20	PS0140	TR030_0300H	4.74	9.62	30.95	32.26	2.82	0.97	32.66	3.41	0.68
Pescaione	Pescaione	20	PS0140	TR030_0400H	4.74	9.28	30.95	32.23	2.80	0.97	32.63	3.32	0.67
Pescaione	Pescaione	20	PS0140	TR030_0500H	4.74	8.83	30.95	32.20	2.77	0.97	32.59	3.19	0.66
Pescaione	Pescaione	19	PS0130_B	TR030_0030H	2.95	9.04	30.40	31.63	1.74	0.58	31.78	5.20	0.79
Pescaione	Pescaione	19	PS0130_B	TR030_0050H	2.95	10.32	30.40	31.72	1.81	0.58	31.88	5.69	0.83
Pescaione	Pescaione	19	PS0130_B	TR030_0100H	2.95	11.82	30.40	31.81	1.89	0.60	31.99	6.24	0.86
Pescaione	Pescaione	19	PS0130_B	TR030_0150H	2.95	11.43	30.40	31.78	1.87	0.60	31.96	6.10	0.85
Pescaione	Pescaione	19	PS0130_B	TR030_0200H	2.95	10.68	30.40	31.74	1.83	0.59	31.91	5.83	0.84
Pescaione	Pescaione	19	PS0130_B	TR030_0300H	2.95	9.85	30.40	31.68	1.79	0.58	31.85	5.51	0.81
Pescaione	Pescaione	19	PS0130_B	TR030_0400H	2.95	9.47	30.40	31.66	1.77	0.58	31.82	5.36	0.80
Pescaione	Pescaione	19	PS0130_B	TR030_0500H	2.95	8.95	30.40	31.62	1.74	0.58	31.78	5.16	0.78
Pescaione	Pescaione	18	PS0130_A	TR030_0030H	4.78	9.02	29.83	30.99	1.94	0.64	31.19	4.64	0.73
Pescaione	Pescaione	18	PS0130_A	TR030_0050H	4.78	10.27	29.83	31.15	1.88	0.59	31.34	5.46	0.81
Pescaione	Pescaione	18	PS0130_A	TR030_0100H	4.78	11.76	29.83	31.31	1.87	0.55	31.49	6.29	0.89
Pescaione	Pescaione	18	PS0130_A	TR030_0150H	4.78	11.41	29.83	31.29	1.84	0.55	31.47	6.19	0.88
Pescaione	Pescaione	18	PS0130_A	TR030_0200H	4.78	10.67	29.83	31.20	1.87	0.57	31.38	5.71	0.84
Pescaione	Pescaione	18	PS0130_A	TR030_0300H	4.78	9.85	29.83	31.11	1.88	0.59	31.29	5.25	0.79
Pescaione	Pescaione	18	PS0130_A	TR030_0400H	4.78	9.47	29.83	31.07	1.88	0.60	31.25	5.03	0.77
Pescaione	Pescaione	18	PS0130_A	TR030_0500H	4.78	8.95	29.83	31.00	1.91	0.63	31.19	4.69	0.74
Pescaione	Pescaione	17	PS0120	TR030_0030H	4.84	11.56	28.84	30.28	2.21	0.69	30.53	5.24	0.79
Pescaione	Pescaione	17	PS0120	TR030_0050H	4.84	14.14	28.84	30.44	2.33	0.70	30.72	6.06	0.87
Pescaione	Pescaione	17	PS0120	TR030_0100H	4.84	16.67	28.84	30.60	2.41	0.70	30.90	6.91	0.91
Pescaione	Pescaione	17	PS0120	TR030_0150H	4.84	16.32	28.84	30.58	2.40	0.69	30.88	6.81	0.92
Pescaione	Pescaione	17	PS0120	TR030_0200H	4.84	14.89	28.84	30.50	2.35	0.69	30.78	6.35	0.89
Pescaione	Pescaione	17	PS0120	TR030_0300H	4.84	12.78	28.84	30.47	2.07	0.61	30.68	6.18	0.88
Pescaione	Pescaione	17	PS0120	TR030_0400H	4.84	12.37	28.84	30.43	2.07	0.62	30.65	5.99	0.86
Pescaione	Pescaione	17	PS0120	TR030_0500H	4.84	11.28	28.84	30.36	2.01	0.62	30.56	5.61	0.83
Pescaione	Pescaione	16	PS0110	TR030_0030H	4.98	11.81	28.24	29.78	2.41	0.77	30.08	4.90	0.75
Pescaione	Pescaione	16	PS0110	TR030_0050H	4.98	14.42	28.24	29.93	2.53	0.80	30.26	5.70	0.78
Pescaione	Pescaione	16	PS0110	TR030_0100H	4.98	17.03	28.24	30.08	2.60	0.81	30.42	6.55	0.81
Pescaione	Pescaione	16	PS0110	TR030_0150H	4.98	16.71	28.24	30.06	2.59	0.81	30.40	6.46	0.81
Pescaione	Pescaione	16	PS0110	TR030_0200H	4.98	15.28	28.24	29.98	2.56	0.81	30.31	5.97	0.79
Pescaione	Pescaione	16	PS0110	TR030_0300H	4.98	14.24	28.24	29.92	2.52	0.80	30.25	5.64	0.78
Pescaione	Pescaione	16	PS0110	TR030_0400H	4.98	13.66	28.24	29.89	2.50	0.79	30.21	5.47	0.77
Pescaione	Pescaione	16	PS0110	TR030_0500H	4.98	12.49	28.24	29.82	2.45	0.78	30.13	5.11	0.76
Pescaione	Pescaione	15	PS0100	TR030_0030H	4.43	11.81	27.74	29.36	2.13	0.67	29.59	5.55	0.76
Pescaione	Pescaione	15	PS0100	TR030_0050H	4.43	14.42	27.74	29.52	2.24	0.66	29.78	6.44	0.85
Pescaione	Pescaione	15	PS0100	TR030_0100H	4.43	17.02	27.74	29.69	2.31	0.64	29.96	7.38	0.93
Pescaione	Pescaione	15	PS0100	TR030_0150H	4.43	16.71	27.74	29.67	2.30	0.64	29.94	7.28	0.92
Pescaione	Pescaione	15	PS0100	TR030_0200H	4.43	15.28	27.74	29.57	2.27	0.66	29.83	6.72	0.87
Pescaione	Pescaione	15	PS0100	TR030_0300H	4.43	14.23	27.74	29.51	2.23	0.67	29.76	6.37	0.84
Pescaione	Pescaione	15	PS0100	TR030_0400H	4.43	13.66	27.74	29.47	2.21	0.67	29.72	6.18	0.82
Pescaione	Pescaione	15	PS0100	TR030_0500H	4.43	12.49	27.74	29.40	2.16	0.67	29.64	5.78	0.79
Pescaione	Pescaione	14	PS0090_A	TR030_0030H	3.65	11.81	27.72	29.16	2.27	0.70	29.42	5.21	0.80
Pescaione	Pescaione	14	PS0090_A	TR030_0050H	3.65	14.42	27.72	29.33	2.38	0.73	29.61	6.06	0.82
Pescaione	Pescaione	14	PS0090_A	TR030_0100H	3.65	17.01	27.72	29.51	2.40	0.68	29.80	7.09	0.91
Pescaione	Pescaione	14	PS0090_A	TR030_0150H	3.65	16.71	27.72	29.49	2.39	0.69	29.78	6.99	0.90
Pescaione	Pescaione	14	PS0090_A	TR030_0200H	3.65	15.28	27.72	29.38	2.40	0.72	29.67	6.35	0.84
Pescaione	Pescaione	14	PS0090_A	TR030_0300H	3.65	14.23	27.72	29.32	2.37	0.73	29.60	6.00	0.82
Pescaione	Pescaione	14	PS0090_A	TR030_0400H	3.65	13.66	27.72	29.28	2.35	0.72	29.56	5.81	0.81
Pescaione	Pescaione	14	PS0090_A	TR030_0500H	3.65	12.49	27.72	29.21	2.30	0.71	29.48	5.42	0.81
Pescaione	Pescaione	13.5		TR030_0030H	1.00	11.81	27.61	29.11	2.23	0.68	29.36	5.29	0.80
Pescaione	Pescaione	13.5		TR030_0050H	1.00	14.42	27.61	29.27	2.37	0.71	29.55	6.09	0.83
Pescaione	Pescaione	13.5		TR030_0100H	1.00	17.01	27.61	29.46	2.38	0.68	29.75	7.14	0.90
Pescaione	Pescaione	13.5		TR030_0150H	1.00	16.71	27.61	29.44	2.38	0.68	29.73	7.04	0.89
Pescaione	Pescaione	13.5		TR030_0200H	1.00	15.28	27.61	29.32	2.40	0.71	29.61	6.37	0.84
Pescaione	Pescaione	13.5		TR030_0300H	1.00	14.23	27.61	29.26	2.36	0.70	29.54	6.03	0.83
Pescaione	Pescaione	13.5		TR030_0400H	1.00	13.66	27.61	29.22	2.34	0.70	29.50	5.85	0.83
Pescaione	Pescaione	13.5		TR030_0500H	1.00	12.49	27.61	29.15	2.27	0.68	29.41	5.49	0.82
Pescaione	Pescaione	13		TR030_0030H	7.76	11.81	27.59	29.11	1.91	0.49	29.30	6.19	0.78
Pescaione	Pescaione	13		TR030_0050H	7.76	14.42	27.59	29.27	2.16	0.53	29.50	6.69	0.78
Pescaione	Pescaione	13		TR030_0100H	7.76	17.01	27.59	29.45	2.38	0.56	29.74	7.15	0.74
Pescaione	Pescaione	13		TR030_0150H	7.76	16.71	27.59	29.43	2.35	0.55	29.71	7.11	0.75
Pescaione	Pescaione	13		TR030_0200H	7.76	15.28	27.59	29.32	2.24	0.54	29.57	6.83	0.77
Pescaione	Pescaione	13		TR030_0300H	7.76	14.23	27.59	29.26	2.14	0.53	29.49	6.66	0.78
Pescaione	Pescaione	13		TR030_0400H	7.76	13.66	27.59	29.22	2.08	0.52	29.44	6.56	0.78
Pescaione	Pescaione	13		TR030_0500H	7.76	12.49	27.59	29.15	1.97	0.50	29.35	6.33	0.78
Pescaione	Pescaione	12		TR030_0030H	1.00	11.81	27.60	29.01	2.23	0.60	29.26	5.31	0.74
Pescaione	Pescaione	12		TR030_0050H	1.00	14.42	27.60	29.14	2.48	0.64	29.46	5.81	0.75
Pescaione	Pescaione	12		TR030_0100H	1.00	17.01	27.60	29.30	2.69	0.66	29.67	6.33	0.75
Pescaione	Pescaione	12		TR030_0150H	1.00	16.71	27.60	29.29	2.66	0.65	29.65	6.29	0.75
Pescaione	Pescaione	12		TR030_0200H	1.00	15.28	27.60	29.19	2.57	0.65	29.52	5.95	0.75
Pescaione	Pescaione	12		TR030_0300H	1.00	14.23	27.60	29.13	2.46	0.64	29.44	5.78	0.75
Pescaione	Pescaione	12		TR030_0400H	1.00	13.66	27.60	29.11	2.41	0.63	29.40	5.67	0.75
Pescaione	Pescaione	12		TR030_0500H	1.00	12.49	27.60	29.05	2.29	0.61	29.32	5.45	0.74

River	Reach	River Sta	Plan	Length Chnl (m)	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Vel Total (m/s)	Froude # XS	E.G. Elev (m)	Area (m2)	Hydr Radius (m)
Pescaione	Pescaione	11.5	TR030_0030H	4.31	11.81	27.60	29.04	1.75	0.60	29.19	6.75	0.80
Pescaione	Pescaione	11.5	TR030_0050H	4.31	14.42	27.60	29.18	1.82	0.60	29.35	7.93	0.88
Pescaione	Pescaione	11.5	TR030_0100H	4.31	17.01	27.60	29.38	1.77	0.55	29.54	9.63	0.98
Pescaione	Pescaione	11.5	TR030_0150H	4.31	16.71	27.60	29.36	1.76	0.55	29.52	9.47	0.97
Pescaione	Pescaione	11.5	TR030_0200H	4.31	15.28	27.60	29.23	1.83	0.59	29.40	8.33	0.90
Pescaione	Pescaione	11.5	TR030_0300H	4.31	14.23	27.60	29.17	1.81	0.60	29.34	7.84	0.87
Pescaione	Pescaione	11.5	TR030_0400H	4.31	13.66	27.60	29.14	1.80	0.60	29.31	7.58	0.86
Pescaione	Pescaione	11.5	TR030_0500H	4.31	12.49	27.60	29.08	1.77	0.60	29.24	7.05	0.82
Pescaione	Pescaione	11	PS0080_D	4.80	11.81	27.21	28.83	2.41	0.81	29.12	4.91	0.68
Pescaione	Pescaione	11	PS0080_D	4.80	14.41	27.21	28.97	2.54	0.81	29.29	5.68	0.75
Pescaione	Pescaione	11	PS0080_D	4.80	17.01	27.21	29.19	2.43	0.78	29.49	7.01	0.75
Pescaione	Pescaione	11	PS0080_D	4.80	16.71	27.21	29.18	2.42	0.75	29.48	6.90	0.79
Pescaione	Pescaione	11	PS0080_D	4.80	15.28	27.21	29.01	2.57	0.80	29.35	5.94	0.78
Pescaione	Pescaione	11	PS0080_D	4.80	14.23	27.21	28.96	2.53	0.81	29.28	5.62	0.75
Pescaione	Pescaione	11	PS0080_D	4.80	13.66	27.21	28.92	2.51	0.81	29.25	5.45	0.73
Pescaione	Pescaione	11	PS0080_D	4.80	12.49	27.21	28.86	2.45	0.81	29.17	5.11	0.70
Pescaione	Pescaione	10	PS0070_	4.57	11.80	26.63	28.44	1.53	0.60	28.56	7.73	0.61
Pescaione	Pescaione	10	PS0070_	4.57	14.41	26.63	28.61	1.47	0.52	28.72	9.78	0.74
Pescaione	Pescaione	10	PS0070_	4.57	16.55	26.63	29.07	1.07	0.31	29.13	15.53	1.07
Pescaione	Pescaione	10	PS0070_	4.57	16.32	26.63	29.06	1.06	0.31	29.12	15.39	1.06
Pescaione	Pescaione	10	PS0070_	4.57	15.27	26.63	28.67	1.46	0.50	28.78	10.50	0.79
Pescaione	Pescaione	10	PS0070_	4.57	14.23	26.63	28.60	1.48	0.52	28.71	9.63	0.73
Pescaione	Pescaione	10	PS0070_	4.57	13.65	26.63	28.56	1.49	0.54	28.67	9.17	0.70
Pescaione	Pescaione	10	PS0070_	4.57	12.49	26.63	28.48	1.51	0.57	28.60	8.26	0.65
Pescaione	Pescaione	9	PS0060_A	2.25	11.80	26.36	28.27	1.46	0.51	28.38	8.10	0.72
Pescaione	Pescaione	9	PS0060_A	2.25	14.41	26.36	28.49	1.40	0.44	28.59	10.27	0.86
Pescaione	Pescaione	9	PS0060_A	2.25	16.55	26.36	29.04	1.01	0.28	29.09	16.34	1.09
Pescaione	Pescaione	9	PS0060_A	2.25	16.32	26.36	29.03	1.01	0.28	29.08	16.20	1.09
Pescaione	Pescaione	9	PS0060_A	2.25	15.27	26.36	28.56	1.39	0.43	28.66	10.98	0.90
Pescaione	Pescaione	9	PS0060_A	2.25	14.23	26.36	28.48	1.41	0.45	28.58	10.12	0.85
Pescaione	Pescaione	9	PS0060_A	2.25	13.65	26.36	28.43	1.42	0.46	28.53	9.64	0.82
Pescaione	Pescaione	9	PS0060_A	2.25	12.49	26.36	28.33	1.44	0.49	28.43	8.68	0.76
Pescaione	Pescaione	8.75	TR030_0030H	1.50	11.80	26.66	28.14	2.00	0.53	28.34	5.89	0.86
Pescaione	Pescaione	8.75	TR030_0050H	1.50	14.41	26.66	28.32	2.17	0.54	28.56	6.64	0.92
Pescaione	Pescaione	8.75	TR030_0100H	1.50	16.55	26.66	28.93	1.66	0.48	29.07	9.95	0.81
Pescaione	Pescaione	8.75	TR030_0150H	1.50	16.32	26.66	28.92	1.65	0.48	29.06	9.87	0.81
Pescaione	Pescaione	8.75	TR030_0200H	1.50	15.27	26.66	28.38	2.22	0.54	28.63	6.88	0.94
Pescaione	Pescaione	8.75	TR030_0300H	1.50	14.23	26.66	28.31	2.16	0.54	28.55	6.59	0.92
Pescaione	Pescaione	8.75	TR030_0400H	1.50	13.65	26.66	28.27	2.12	0.54	28.50	6.43	0.91
Pescaione	Pescaione	8.75	TR030_0500H	1.50	12.49	26.66	28.19	2.05	0.53	28.40	6.10	0.88
Pescaione	Pescaione	8.5	TR030_0030H	1.00	11.80	26.66	28.13	2.02	0.54	28.33	5.85	0.86
Pescaione	Pescaione	8.5	TR030_0050H	1.00	14.41	26.66	28.31	2.18	0.55	28.55	6.60	0.92
Pescaione	Pescaione	8.5	TR030_0100H	1.00	16.55	26.66	28.92	1.67	0.49	29.07	9.89	0.81
Pescaione	Pescaione	8.5	TR030_0150H	1.00	16.32	26.66	28.91	1.66	0.48	29.05	9.81	0.81
Pescaione	Pescaione	8.5	TR030_0200H	1.00	15.27	26.66	28.37	2.23	0.55	28.62	6.84	0.94
Pescaione	Pescaione	8.5	TR030_0300H	1.00	14.23	26.66	28.30	2.17	0.55	28.54	6.55	0.92
Pescaione	Pescaione	8.5	TR030_0400H	1.00	13.65	26.66	28.26	2.14	0.54	28.49	6.38	0.90
Pescaione	Pescaione	8.5	TR030_0500H	1.00	12.49	26.66	28.18	2.06	0.54	28.39	6.05	0.88
Pescaione	Pescaione	6.5	TR030_0030H	4.79	11.80	26.10	27.65	2.79	0.87	28.05	4.23	0.67
Pescaione	Pescaione	6.5	TR030_0050H	4.79	14.40	26.10	27.80	3.00	0.87	28.25	4.80	0.73
Pescaione	Pescaione	6.5	TR030_0100H	4.79	16.55	26.10	27.92	3.11	0.86	28.42	5.32	0.78
Pescaione	Pescaione	6.5	TR030_0150H	4.79	16.31	26.10	27.91	3.10	0.86	28.40	5.26	0.77
Pescaione	Pescaione	6.5	TR030_0200H	4.79	15.27	26.10	27.85	3.05	0.87	28.32	5.01	0.75
Pescaione	Pescaione	6.5	TR030_0300H	4.79	14.23	26.10	27.79	2.99	0.87	28.24	4.77	0.72
Pescaione	Pescaione	6.5	TR030_0400H	4.79	13.65	26.10	27.76	2.94	0.87	28.20	4.64	0.71
Pescaione	Pescaione	6.5	TR030_0500H	4.79	12.49	26.10	27.69	2.84	0.87	28.11	4.39	0.69
Pescaione	Pescaione	6	PS0050_D	4.46	11.80	25.88	27.49	2.12	0.74	27.72	5.57	0.70
Pescaione	Pescaione	6	PS0050_D	4.46	14.40	25.88	27.62	2.22	0.74	27.87	6.47	0.77
Pescaione	Pescaione	6	PS0050_D	4.46	16.54	25.88	27.74	2.22	0.78	28.00	7.46	0.72
Pescaione	Pescaione	6	PS0050_D	4.46	16.31	25.88	27.73	2.22	0.77	27.98	7.35	0.73
Pescaione	Pescaione	6	PS0050_D	4.46	15.27	25.88	27.67	2.23	0.75	27.92	6.84	0.76
Pescaione	Pescaione	6	PS0050_D	4.46	14.23	25.88	27.61	2.22	0.74	27.86	6.41	0.76
Pescaione	Pescaione	6	PS0050_D	4.46	13.65	25.88	27.58	2.20	0.74	27.83	6.22	0.75
Pescaione	Pescaione	6	PS0050_D	4.46	12.49	25.88	27.52	2.15	0.74	27.76	5.81	0.72
Pescaione	Pescaione	5	PS0040_	4.95	11.80	25.31	27.10	2.34	0.77	27.38	5.04	0.71
Pescaione	Pescaione	5	PS0040_	4.95	14.40	25.31	27.24	2.48	0.79	27.55	5.82	0.77
Pescaione	Pescaione	5	PS0040_	4.95	16.54	25.31	27.35	2.55	0.83	27.68	6.50	0.75
Pescaione	Pescaione	5	PS0040_	4.95	16.31	25.31	27.34	2.54	0.83	27.67	6.42	0.75
Pescaione	Pescaione	5	PS0040_	4.95	15.27	25.31	27.28	2.51	0.80	27.61	6.08	0.77
Pescaione	Pescaione	5	PS0040_	4.95	14.23	25.31	27.23	2.47	0.78	27.54	5.76	0.77
Pescaione	Pescaione	5	PS0040_	4.95	13.65	25.31	27.20	2.44	0.78	27.50	5.59	0.76
Pescaione	Pescaione	5	PS0040_	4.95	12.49	25.31	27.14	2.38	0.77	27.43	5.25	0.73
Pescaione	Pescaione	4	PS0030_	4.69	11.80	24.93	26.52	2.44	0.80	26.82	4.84	0.77
Pescaione	Pescaione	4	PS0030_	4.69	14.40	24.93	26.69	2.52	0.79	27.01	5.72	0.84
Pescaione	Pescaione	4	PS0030_	4.69	16.54	24.93	26.82	2.56	0.77	27.15	6.47	0.90
Pescaione	Pescaione	4	PS0030_	4.69	16.31	24.93	26.81	2.55	0.77	27.14	6.39	0.89
Pescaione	Pescaione	4	PS0030_	4.69	15.27	24.93	26.74	2.54	0.78	27.07	6.02	0.86
Pescaione	Pescaione	4	PS0030_	4.69	14.22	24.93	26.68	2.51	0.79	27.00	5.66	0.84
Pescaione	Pescaione	4	PS0030_	4.69	13.65	24.93	26.64	2.50	0.79	26.96	5.47	0.82
Pescaione	Pescaione	4	PS0030_	4.69	12.49	24.93	26.57	2.46	0.80	26.88	5.07	0.79

River	Reach	River Sta		Plan	Length Chnl	Q Total	Min Ch El	W.S. Elev	Vel Total	Froude # XS	E.G. Elev	Area	Hydr Radius
					(m)	(m3/s)	(m)	(m)	(m/s)		(m)	(m2)	(m)
Pescaione	Pescaione	3	PS0020_A	TR030_0030H	0.90	11.80	24.76	26.27	2.12	0.67	26.50	5.57	0.80
Pescaione	Pescaione	3	PS0020_A	TR030_0050H	0.90	14.40	24.76	26.47	2.17	0.64	26.71	6.64	0.89
Pescaione	Pescaione	3	PS0020_A	TR030_0100H	0.90	16.53	24.76	26.62	2.20	0.62	26.87	7.52	0.96
Pescaione	Pescaione	3	PS0020_A	TR030_0150H	0.90	16.31	24.76	26.60	2.19	0.62	26.85	7.43	0.95
Pescaione	Pescaione	3	PS0020_A	TR030_0200H	0.90	15.27	24.76	26.53	2.18	0.63	26.77	7.00	0.92
Pescaione	Pescaione	3	PS0020_A	TR030_0300H	0.90	14.22	24.76	26.45	2.17	0.64	26.69	6.57	0.88
Pescaione	Pescaione	3	PS0020_A	TR030_0400H	0.90	13.65	24.76	26.41	2.16	0.65	26.65	6.33	0.86
Pescaione	Pescaione	3	PS0020_A	TR030_0500H	0.90	12.49	24.76	26.33	2.13	0.66	26.56	5.85	0.82
Pescaione	Pescaione	2		TR030_0030H	1.00	11.80	24.83	26.20	2.23	0.61	26.46	5.29	0.78
Pescaione	Pescaione	2		TR030_0050H	1.00	14.40	24.83	26.38	2.43	0.62	26.68	5.93	0.83
Pescaione	Pescaione	2		TR030_0100H	1.00	16.53	24.83	26.51	2.59	0.64	26.85	6.40	0.86
Pescaione	Pescaione	2		TR030_0150H	1.00	16.31	24.83	26.50	2.57	0.64	26.83	6.35	0.86
Pescaione	Pescaione	2		TR030_0200H	1.00	15.27	24.83	26.43	2.49	0.63	26.75	6.12	0.84
Pescaione	Pescaione	2		TR030_0300H	1.00	14.22	24.83	26.36	2.42	0.62	26.66	5.89	0.83
Pescaione	Pescaione	2		TR030_0400H	1.00	13.65	24.83	26.33	2.37	0.62	26.62	5.75	0.82
Pescaione	Pescaione	2		TR030_0500H	1.00	12.49	24.83	26.25	2.29	0.61	26.52	5.47	0.80
Pescaione	Pescaione	1		TR030_0030H	1.00	11.80	24.83	26.19	2.25	0.62	26.45	5.25	0.78
Pescaione	Pescaione	1		TR030_0050H	1.00	14.40	24.83	26.36	2.45	0.63	26.67	5.88	0.83
Pescaione	Pescaione	1		TR030_0100H	1.00	16.53	24.83	26.50	2.60	0.64	26.84	6.35	0.86
Pescaione	Pescaione	1		TR030_0150H	1.00	16.31	24.83	26.48	2.59	0.64	26.82	6.31	0.85
Pescaione	Pescaione	1		TR030_0200H	1.00	15.27	24.83	26.42	2.51	0.64	26.74	6.08	0.84
Pescaione	Pescaione	1		TR030_0300H	1.00	14.22	24.83	26.35	2.43	0.63	26.66	5.84	0.82
Pescaione	Pescaione	1		TR030_0400H	1.00	13.65	24.83	26.32	2.39	0.63	26.61	5.71	0.81
Pescaione	Pescaione	1		TR030_0500H	1.00	12.49	24.83	26.24	2.30	0.62	26.51	5.42	0.79
Pescaione	Pescaione	0.5		TR030_0030H	1.00	11.80	24.83	26.21	1.96	0.57	26.40	6.02	0.87
Pescaione	Pescaione	0.5		TR030_0050H	1.00	14.40	24.83	26.39	2.08	0.57	26.61	6.92	0.95
Pescaione	Pescaione	0.5		TR030_0100H	1.00	16.53	24.83	26.53	2.17	0.57	26.76	7.63	1.00
Pescaione	Pescaione	0.5		TR030_0150H	1.00	16.31	24.83	26.51	2.16	0.57	26.75	7.56	1.00
Pescaione	Pescaione	0.5		TR030_0200H	1.00	15.27	24.83	26.44	2.12	0.57	26.67	7.21	0.97
Pescaione	Pescaione	0.5		TR030_0300H	1.00	14.22	24.83	26.38	2.07	0.57	26.59	6.86	0.94
Pescaione	Pescaione	0.5		TR030_0400H	1.00	13.65	24.83	26.34	2.05	0.57	26.55	6.66	0.93
Pescaione	Pescaione	0.5		TR030_0500H	1.00	12.49	24.83	26.26	1.99	0.57	26.46	6.26	0.89
Pescaione	Pescaione	0.1		TR030_0030H		11.80	24.82	26.18	2.00	0.58	26.38	5.91	0.86
Pescaione	Pescaione	0.1		TR030_0050H		14.40	24.82	26.36	2.12	0.58	26.58	6.81	0.94
Pescaione	Pescaione	0.1		TR030_0100H		16.53	24.82	26.49	2.20	0.58	26.74	7.51	1.00
Pescaione	Pescaione	0.1		TR030_0150H		16.31	24.82	26.48	2.19	0.58	26.72	7.44	0.99
Pescaione	Pescaione	0.1		TR030_0200H		15.27	24.82	26.41	2.15	0.58	26.65	7.10	0.96
Pescaione	Pescaione	0.1		TR030_0300H		14.22	24.82	26.34	2.11	0.58	26.57	6.75	0.93
Pescaione	Pescaione	0.1		TR030_0400H		13.65	24.82	26.31	2.08	0.58	26.53	6.55	0.92
Pescaione	Pescaione	0.1		TR030_0500H		12.49	24.82	26.23	2.03	0.58	26.44	6.15	0.88

3.2.2 TEMPO DI RITORNO 200 ANNI

River	Reach	River Sta		Plan	Length Chnl	Q Total	Min Ch El	W.S. Elev	Vel Total	Froude # XS	E.G. Elev	Area	Hydr Radius
					(m)	(m3/s)	(m)	(m)	(m/s)		(m)	(m2)	(m)
Pescaione	Pescaione	35	PS0230	TR200_0030H	4.98	24.68	42.29	44.13	3.09	0.91	44.61	7.98	0.92
Pescaione	Pescaione	35	PS0230	TR200_0050H	4.98	31.63	42.29	44.34	3.35	0.94	44.91	9.44	1.00
Pescaione	Pescaione	35	PS0230	TR200_0100H	4.98	38.41	42.29	44.56	3.45	0.94	45.17	11.14	1.07
Pescaione	Pescaione	35	PS0230	TR200_0150H	4.98	38.58	42.29	44.54	3.52	0.96	45.17	10.96	1.06
Pescaione	Pescaione	35	PS0230	TR200_0200H	4.98	36.42	42.29	44.48	3.47	0.95	45.09	10.50	1.05
Pescaione	Pescaione	35	PS0230	TR200_0300H	4.98	30.30	42.29	44.30	3.31	0.93	44.85	9.16	0.99
Pescaione	Pescaione	35	PS0230	TR200_0400H	4.98	25.23	42.29	44.15	3.11	0.90	44.64	8.12	0.93
Pescaione	Pescaione	35	PS0230	TR200_0500H	4.98	20.70	42.29	43.98	2.96	0.90	44.42	7.00	0.85
Pescaione	Pescaione	34	PS0220_A	TR200_0030H	3.59	7.48	40.77	43.46	0.90	0.20	43.50	8.34	1.02
Pescaione	Pescaione	34	PS0220_A	TR200_0050H	3.59	9.27	40.77	43.79	0.96	0.20	43.83	9.64	1.10
Pescaione	Pescaione	34	PS0220_A	TR200_0100H	3.59	31.27	40.77	43.77	3.27	0.67	44.31	9.55	1.09
Pescaione	Pescaione	34	PS0220_A	TR200_0150H	3.59	31.46	40.77	43.74	3.33	0.69	44.31	9.45	1.09
Pescaione	Pescaione	34	PS0220_A	TR200_0200H	3.59	30.05	40.77	43.68	3.26	0.68	44.22	9.22	1.07
Pescaione	Pescaione	34	PS0220_A	TR200_0300H	3.59	8.66	40.77	43.62	0.96	0.20	43.67	8.98	1.06
Pescaione	Pescaione	34	PS0220_A	TR200_0400H	3.59	7.08	40.77	43.42	0.87	0.19	43.45	8.16	1.01
Pescaione	Pescaione	34	PS0220_A	TR200_0500H	3.59	7.07	40.77	43.42	0.87	0.19	43.45	8.16	1.01
Pescaione	Pescaione	33.5		TR200_0030H	1.00	7.30	40.42	43.46	0.79	0.17	43.49	9.20	1.05
Pescaione	Pescaione	33.5		TR200_0050H	1.00	9.20	40.42	43.79	0.88	0.17	43.82	10.50	1.12
Pescaione	Pescaione	33.5		TR200_0100H	1.00	31.27	40.42	43.71	3.06	0.61	44.19	10.21	1.11
Pescaione	Pescaione	33.5		TR200_0150H	1.00	31.46	40.42	43.72	3.07	0.61	44.20	10.24	1.11
Pescaione	Pescaione	33.5		TR200_0200H	1.00	8.79	40.42	43.67	0.88	0.18	43.71	10.03	1.10
Pescaione	Pescaione	33.5		TR200_0300H	1.00	8.64	40.42	43.62	0.88	0.18	43.66	9.85	1.09
Pescaione	Pescaione	33.5		TR200_0400H	1.00	7.07	40.42	43.42	0.78	0.17	43.45	9.03	1.04
Pescaione	Pescaione	33.5		TR200_0500H	1.00	7.07	40.42	43.42	0.78	0.17	43.45	9.03	1.04
Pescaione	Pescaione	33		TR200_0030H	2.80	7.29	40.37	43.42	1.15	0.21	43.49	6.32	0.49
Pescaione	Pescaione	33		TR200_0050H	2.80	9.19	40.37	43.74	1.26	0.22	43.82	7.30	0.53
Pescaione	Pescaione	33		TR200_0100H	2.80	31.27	40.37	43.63	4.50	0.80	44.66	6.95	0.52
Pescaione	Pescaione	33		TR200_0150H	2.80	8.90	40.37	43.65	1.27	0.22	43.73	7.02	0.52
Pescaione	Pescaione	33		TR200_0200H	2.80	8.78	40.37	43.62	1.27	0.22	43.70	6.93	0.52
Pescaione	Pescaione	33		TR200_0300H	2.80	8.64	40.37	43.57	1.27	0.23	43.66	6.79	0.51
Pescaione	Pescaione	33		TR200_0400H	2.80	7.07	40.37	43.38	1.14	0.21	43.44	6.19	0.48
Pescaione	Pescaione	33		TR200_0500H	2.80	7.07	40.37	43.38	1.14	0.21	43.44	6.18	0.48
Pescaione	Pescaione	32.6		TR200_0030H	2.80	7.25	40.28	43.41	1.17	0.21	43.48	6.19	0.48
Pescaione	Pescaione	32.6		TR200_0050H	2.80	9.16	40.28	43.72	1.28	0.22	43.81	7.17	0.53
Pescaione	Pescaione	32.6		TR200_0100H	2.80	31.27	40.28	43.43	5.00	0.90	44.70	6.26	0.48
Pescaione	Pescaione	32.6		TR200_0150H	2.80	8.89	40.28	43.63	1.29	0.22	43.72	6.90	0.52
Pescaione	Pescaione	32.6		TR200_0200H	2.80	8.77	40.28	43.61	1.29	0.23	43.69	6.81	0.51
Pescaione	Pescaione	32.6		TR200_0300H	2.80	8.63	40.28	43.56	1.30	0.23	43.64	6.66	0.50
Pescaione	Pescaione	32.6		TR200_0400H	2.80	7.07	40.28	43.36	1.17	0.21	43.43	6.06	0.47
Pescaione	Pescaione	32.6		TR200_0500H	2.80	7.07	40.28	43.36	1.17	0.21	43.43	6.06	0.47
Pescaione	Pescaione	32.3		TR200_0030H	2.80	7.20	40.19	43.41	0.98	0.17	43.46	7.36	0.51
Pescaione	Pescaione	32.3		TR200_0050H	2.80	9.14	40.19	43.73	1.07	0.18	43.79	8.55	0.57
Pescaione	Pescaione	32.3		TR200_0100H	2.80	7.14	40.19	43.39	0.98	0.17	43.44	7.29	0.50
Pescaione	Pescaione	32.3		TR200_0150H	2.80	8.86	40.19	43.64	1.08	0.19	43.70	8.22	0.55
Pescaione	Pescaione	32.3		TR200_0200H	2.80	8.72	40.19	43.61	1.08	0.19	43.67	8.11	0.54
Pescaione	Pescaione	32.3		TR200_0300H	2.80	8.60	40.19	43.57	1.08	0.19	43.63	7.93	0.54
Pescaione	Pescaione	32.3		TR200_0400H	2.80	7.07	40.19	43.37	0.98	0.18	43.42	7.19	0.50
Pescaione	Pescaione	32.3		TR200_0500H	2.80	7.06	40.19	43.37	0.98	0.18	43.42	7.19	0.50
Pescaione	Pescaione	32		TR200_0030H	1.00	21.92	40.10	42.37	6.52	1.38	44.53	3.36	0.27
Pescaione	Pescaione	32		TR200_0050H	1.00	26.83	40.10	42.55	6.64	1.36	44.80	4.04	0.32
Pescaione	Pescaione	32		TR200_0100H	1.00	31.27	40.10	42.71	6.72	1.33	45.02	4.65	0.35
Pescaione	Pescaione	32		TR200_0150H	1.00	31.46	40.10	42.72	6.74	1.33	45.03	4.67	0.36
Pescaione	Pescaione	32		TR200_0200H	1.00	30.04	40.10	42.67	6.70	1.34	44.96	4.48	0.34
Pescaione	Pescaione	32		TR200_0300H	1.00	25.95	40.10	42.52	6.61	1.36	44.74	3.93	0.31
Pescaione	Pescaione	32		TR200_0400H	1.00	22.38	40.10	42.39	6.52	1.38	44.55	3.43	0.27
Pescaione	Pescaione	32		TR200_0500H	1.00	18.94	40.10	42.26	6.43	1.40	44.36	2.95	0.24
Pescaione	Pescaione	31.5		TR200_0030H	3.96	21.91	40.09	41.74	3.24	0.96	42.27	6.77	0.94
Pescaione	Pescaione	31.5		TR200_0050H	3.96	26.82	40.09	41.93	3.38	0.96	42.51	7.94	1.02
Pescaione	Pescaione	31.5		TR200_0100H	3.96	31.27	40.09	42.10	3.47	0.95	42.71	9.02	1.09
Pescaione	Pescaione	31.5		TR200_0150H	3.96	31.46	40.09	42.10	3.48	0.95	42.72	9.04	1.09
Pescaione	Pescaione	31.5		TR200_0200H	3.96	30.04	40.09	42.05	3.45	0.95	42.66	8.72	1.07
Pescaione	Pescaione	31.5		TR200_0300H	3.96	25.95	40.09	41.90	3.35	0.96	42.47	7.75	1.01
Pescaione	Pescaione	31.5		TR200_0400H	3.96	22.38	40.09	41.76	3.24	0.96	42.30	6.90	0.95
Pescaione	Pescaione	31.5		TR200_0500H	3.96	18.93	40.09	41.62	3.12	0.96	42.11	6.07	0.88
Pescaione	Pescaione	31	PS0210_D	TR200_0030H	4.90	21.90	40.07	41.62	3.54	1.08	42.25	6.19	0.90
Pescaione	Pescaione	31	PS0210_D	TR200_0050H	4.90	26.81	40.07	41.82	3.64	1.06	42.49	7.36	0.98
Pescaione	Pescaione	31	PS0210_D	TR200_0100H	4.90	31.27	40.07	41.99	3.70	1.03	42.69	8.44	1.06
Pescaione	Pescaione	31	PS0210_D	TR200_0150H	4.90	31.46	40.07	41.99	3.72	1.03	42.70	8.46	1.06
Pescaione	Pescaione	31	PS0210_D	TR200_0200H	4.90	30.04	40.07	41.94	3.69	1.04	42.64	8.14	1.04
Pescaione	Pescaione	31	PS0210_D	TR200_0300H	4.90	25.95	40.07	41.79	3.62	1.05	42.45	7.18	0.97
Pescaione	Pescaione	31	PS0210_D	TR200_0400H	4.90	22.37	40.07	41.64	3.54	1.07	42.28	6.33	0.91
Pescaione	Pescaione	31	PS0210_D	TR200_0500H	4.90	18.93	40.07	41.49	3.44	1.09	42.10	5.51	0.84
Pescaione	Pescaione	30	PS0200_A	TR200_0030H	3.23	18.24	36.87	40.30	1.03	0.22	40.35	17.74	1.53
Pescaione	Pescaione	30	PS0200_A	TR200_0050H	3.23	23.50	36.87	40.55	1.18	0.26	40.62	19.98	1.45
Pescaione	Pescaione	30	PS0200_A	TR200_0100H	3.23	27.82	36.87	40.65	1.32	0.29	40.74	21.00	1.49
Pescaione	Pescaione	30	PS0200_A	TR200_0150H	3.23	27.31	36.87	40.77	1.23	0.27	40.84	22.18	1.55
Pescaione	Pescaione	30	PS0200_A	TR200_0200H	3.23	25.72	36.87	40.73	1.18	0.26	40.80	21.86	1.53
Pescaione	Pescaione	30	PS0200_A	TR200_0300H	3.23	21.32	36.87	40.60	1.04	0.23	40.65	20.48	1.46
Pescaione	Pescaione	30	PS0200_A	TR200_0400H	3.23	3.01	36.87	40.81	0.13	0.03	40.81	22.58	1.57
Pescaione	Pescaione	30	PS0200_A	TR200_0500H	3.23	14.64	36.87	40.26	0.84	0.18	40.29	17.40	1.55

River	Reach	River Sta		Plan	Length Chnl (m)	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Vel Total (m/s)	Froude # XS	E.G. Elev (m)	Area (m2)	Hydr Radius (m)
Pescaione	Pescaione	29	PS0198_B	TR200_0030H	3.94	12.78	36.76	40.23	2.51	0.43	40.55	5.10	0.41
Pescaione	Pescaione	29	PS0198_B	TR200_0050H	3.94	15.41	36.76	40.36	2.70	0.45	40.73	5.71	0.45
Pescaione	Pescaione	29	PS0198_B	TR200_0100H	3.94	20.25	36.76	40.59	2.98	0.49	41.04	6.80	0.52
Pescaione	Pescaione	29	PS0198_B	TR200_0150H	3.94	19.31	36.76	40.54	2.94	0.48	40.98	6.58	0.50
Pescaione	Pescaione	29	PS0198_B	TR200_0200H	3.94	18.57	36.76	40.51	2.89	0.48	40.94	6.42	0.49
Pescaione	Pescaione	29	PS0198_B	TR200_0300H	3.94	15.77	36.76	40.38	2.72	0.46	40.75	5.79	0.45
Pescaione	Pescaione	29	PS0198_B	TR200_0400H	3.94	14.13	36.76	40.30	2.60	0.44	40.64	5.43	0.43
Pescaione	Pescaione	29	PS0198_B	TR200_0500H	3.94	11.60	36.76	40.16	2.42	0.42	40.46	4.79	0.39
Pescaione	Pescaione	28	PS0192_C	TR200_0030H	1.00	12.78	35.49	37.63	2.79	0.61	38.03	4.58	0.33
Pescaione	Pescaione	28	PS0192_C	TR200_0050H	1.00	15.41	35.49	37.81	2.70	0.57	38.19	5.70	0.40
Pescaione	Pescaione	28	PS0192_C	TR200_0100H	1.00	20.07	35.49	38.20	2.50	0.48	38.52	8.04	0.54
Pescaione	Pescaione	28	PS0192_C	TR200_0150H	1.00	19.21	35.49	38.07	2.64	0.53	38.43	7.27	0.50
Pescaione	Pescaione	28	PS0192_C	TR200_0200H	1.00	18.56	35.49	38.00	2.71	0.55	38.38	6.85	0.47
Pescaione	Pescaione	28	PS0192_C	TR200_0300H	1.00	15.77	35.49	37.83	2.71	0.57	38.21	5.81	0.41
Pescaione	Pescaione	28	PS0192_C	TR200_0400H	1.00	14.13	35.49	37.73	2.72	0.58	38.11	5.20	0.37
Pescaione	Pescaione	28	PS0192_C	TR200_0500H	1.00	10.58	35.49	37.27	3.25	0.78	37.81	3.25	0.45
Pescaione	Pescaione	27.9		TR200_0030H	3.43	12.78	35.49	37.57	2.37	0.80	37.86	5.39	0.55
Pescaione	Pescaione	27.9		TR200_0050H	3.43	15.41	35.49	37.77	2.33	0.71	38.05	6.62	0.65
Pescaione	Pescaione	27.9		TR200_0100H	3.43	19.91	35.49	38.20	2.16	0.56	38.44	9.20	0.84
Pescaione	Pescaione	27.9		TR200_0150H	3.43	19.18	35.49	38.10	2.23	0.60	38.35	8.60	0.80
Pescaione	Pescaione	27.9		TR200_0200H	3.43	18.55	35.49	38.01	2.30	0.64	38.28	8.08	0.76
Pescaione	Pescaione	27.9		TR200_0300H	3.43	15.77	35.49	37.80	2.33	0.70	38.07	6.77	0.67
Pescaione	Pescaione	27.9		TR200_0400H	3.43	14.13	35.49	37.68	2.33	0.75	37.96	6.06	0.61
Pescaione	Pescaione	27.9		TR200_0500H	3.43	10.57	35.49	37.22	3.01	0.94	37.68	3.51	0.53
Pescaione	Pescaione	27	PS0190_D	TR200_0030H	4.61	12.78	35.06	36.95	3.38	0.78	37.54	3.78	0.65
Pescaione	Pescaione	27	PS0190_D	TR200_0050H	4.61	15.41	35.06	37.19	3.63	0.79	37.86	4.25	0.68
Pescaione	Pescaione	27	PS0190_D	TR200_0100H	4.61	20.56	35.06	37.54	4.15	0.84	38.42	4.96	0.71
Pescaione	Pescaione	27	PS0190_D	TR200_0150H	4.61	19.39	35.06	37.48	4.01	0.82	38.30	4.83	0.71
Pescaione	Pescaione	27	PS0190_D	TR200_0200H	4.61	18.53	35.06	37.43	3.92	0.81	38.21	4.73	0.70
Pescaione	Pescaione	27	PS0190_D	TR200_0300H	4.61	15.77	35.06	37.22	3.65	0.79	37.90	4.32	0.68
Pescaione	Pescaione	27	PS0190_D	TR200_0400H	4.61	14.13	35.06	37.08	3.50	0.79	37.71	4.04	0.67
Pescaione	Pescaione	27	PS0190_D	TR200_0500H	4.61	11.60	35.06	36.85	3.25	0.78	37.39	3.57	0.64
Pescaione	Pescaione	26	PS0180	TR200_0030H	4.95	14.29	34.12	35.93	2.69	0.74	36.30	5.31	0.85
Pescaione	Pescaione	26	PS0180	TR200_0050H	4.95	17.62	34.12	36.06	3.04	0.81	36.53	5.80	0.89
Pescaione	Pescaione	26	PS0180	TR200_0100H	4.95	22.85	34.12	36.32	3.31	0.83	36.88	6.90	0.97
Pescaione	Pescaione	26	PS0180	TR200_0150H	4.95	22.36	34.12	36.24	3.41	0.88	36.83	6.55	0.94
Pescaione	Pescaione	26	PS0180	TR200_0200H	4.95	21.56	34.12	36.21	3.35	0.87	36.78	6.44	0.93
Pescaione	Pescaione	26	PS0180	TR200_0300H	4.95	18.15	34.12	36.08	3.07	0.82	36.56	5.90	0.90
Pescaione	Pescaione	26	PS0180	TR200_0400H	4.95	15.91	34.12	36.03	2.80	0.76	36.43	5.68	0.88
Pescaione	Pescaione	26	PS0180	TR200_0500H	4.95	13.00	34.12	35.85	2.61	0.74	36.20	4.98	0.83
Pescaione	Pescaione	25	PS0170_A	TR200_0030H	4.12	13.53	33.41	35.74	2.05	0.44	35.95	6.60	0.92
Pescaione	Pescaione	25	PS0170_A	TR200_0050H	4.12	15.53	33.41	35.95	2.15	0.44	36.18	7.22	0.96
Pescaione	Pescaione	25	PS0170_A	TR200_0100H	4.12	17.47	33.41	36.14	2.24	0.44	36.40	7.80	0.98
Pescaione	Pescaione	25	PS0170_A	TR200_0150H	4.12	17.82	33.41	36.17	2.26	0.44	36.43	7.89	0.99
Pescaione	Pescaione	25	PS0170_A	TR200_0200H	4.12	17.46	33.41	36.14	2.24	0.44	36.39	7.79	0.98
Pescaione	Pescaione	25	PS0170_A	TR200_0300H	4.12	15.83	33.41	35.98	2.16	0.44	36.22	7.32	0.96
Pescaione	Pescaione	25	PS0170_A	TR200_0400H	4.12	14.49	33.41	35.84	2.10	0.44	36.06	6.90	0.94
Pescaione	Pescaione	25	PS0170_A	TR200_0500H	4.12	12.70	33.41	35.65	2.01	0.44	35.85	6.33	0.91
Pescaione	Pescaione	24.5		TR200_0030H	1.00	13.53	33.41	35.71	2.07	0.45	35.93	6.52	0.92
Pescaione	Pescaione	24.5		TR200_0050H	1.00	15.53	33.41	35.92	2.18	0.45	36.16	7.14	0.95
Pescaione	Pescaione	24.5		TR200_0100H	1.00	17.47	33.41	36.11	2.27	0.45	36.37	7.71	0.98
Pescaione	Pescaione	24.5		TR200_0150H	1.00	17.79	33.41	36.14	2.28	0.45	36.41	7.80	0.98
Pescaione	Pescaione	24.5		TR200_0200H	1.00	17.44	33.41	36.11	2.26	0.45	36.37	7.70	0.98
Pescaione	Pescaione	24.5		TR200_0300H	1.00	15.83	33.41	35.95	2.19	0.45	36.19	7.23	0.96
Pescaione	Pescaione	24.5		TR200_0400H	1.00	14.49	33.41	35.81	2.13	0.45	36.04	6.82	0.94
Pescaione	Pescaione	24.5		TR200_0500H	1.00	12.70	33.41	35.62	2.03	0.45	35.83	6.25	0.91
Pescaione	Pescaione	22.5		TR200_0030H	5.04	13.52	33.41	34.86	3.41	0.94	35.45	3.97	0.74
Pescaione	Pescaione	22.5		TR200_0050H	5.04	15.52	33.41	35.01	3.53	0.93	35.64	4.39	0.77
Pescaione	Pescaione	22.5		TR200_0100H	5.04	17.47	33.41	35.13	3.66	0.93	35.82	4.77	0.81
Pescaione	Pescaione	22.5		TR200_0150H	5.04	17.79	33.41	35.14	3.70	0.93	35.84	4.81	0.81
Pescaione	Pescaione	22.5		TR200_0200H	5.04	17.44	33.41	35.12	3.67	0.93	35.81	4.75	0.80
Pescaione	Pescaione	22.5		TR200_0300H	5.04	15.83	33.41	35.03	3.55	0.93	35.67	4.45	0.78
Pescaione	Pescaione	22.5		TR200_0400H	5.04	14.49	33.41	34.94	3.45	0.93	35.55	4.20	0.76
Pescaione	Pescaione	22.5		TR200_0500H	5.04	12.70	33.41	34.81	3.33	0.94	35.38	3.81	0.72
Pescaione	Pescaione	22	PS0160_D	TR200_0030H	4.42	13.52	33.41	34.74	3.75	1.09	35.46	3.61	0.70
Pescaione	Pescaione	22	PS0160_D	TR200_0050H	4.42	15.52	33.41	34.88	3.85	1.05	35.64	4.04	0.74
Pescaione	Pescaione	22	PS0160_D	TR200_0100H	4.42	17.47	33.41	35.01	3.97	1.04	35.81	4.41	0.78
Pescaione	Pescaione	22	PS0160_D	TR200_0150H	4.42	17.78	33.41	35.02	4.00	1.05	35.84	4.44	0.78
Pescaione	Pescaione	22	PS0160_D	TR200_0200H	4.42	17.44	33.41	35.00	3.98	1.05	35.81	4.38	0.77
Pescaione	Pescaione	22	PS0160_D	TR200_0300H	4.42	15.83	33.41	34.91	3.86	1.05	35.67	4.10	0.75
Pescaione	Pescaione	22	PS0160_D	TR200_0400H	4.42	14.49	33.41	34.82	3.76	1.06	35.54	3.85	0.73
Pescaione	Pescaione	22	PS0160_D	TR200_0500H	4.42	12.70	33.41	34.69	3.68	1.09	35.38	3.45	0.69
Pescaione	Pescaione	21	PS0150	TR200_0030H	4.94	15.04	32.52	34.04	2.85	0.96	34.45	5.28	0.76
Pescaione	Pescaione	21	PS0150	TR200_0050H	4.94	18.55	32.52	34.28	2.67	0.93	34.64	6.96	0.73
Pescaione	Pescaione	21	PS0150	TR200_0100H	4.94	22.45	32.52	34.41	2.77	0.90	34.80	8.11	0.81
Pescaione	Pescaione	21	PS0150	TR200_0150H	4.94	22.67	32.52	34.42	2.78	0.90	34.81	8.16	0.82
Pescaione	Pescaione	21	PS0150	TR200_0200H	4.94	22.04	32.52	34.40	2.76	0.91	34.79	7.98	0.80
Pescaione	Pescaione	21	PS0150	TR200_0300H	4.94	19.19	32.52	34.30	2.68	0.92	34.67	7.15	0.74
Pescaione	Pescaione	21	PS0150	TR200_0400H	4.94	16.78	32.52	34.21	2.60	0.94	34.56	6.44	0.68
Pescaione	Pescaione	21	PS0150	TR200_0500H	4.94	13.86	32.52	33.98	2.79	0.96	34.38	4.96	0.73

River	Reach	River Sta		Plan	Length Chnl (m)	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Vel Total (m/s)	Froude # XS	E.G. Elev (m)	Area (m2)	Hydr Radius (m)
Pescaione	Pescaione	20	PS0140	TR200_0030H	4.74	16.78	30.95	32.69	3.16	0.99	33.20	5.31	0.82
Pescaione	Pescaione	20	PS0140	TR200_0050H	4.74	21.36	30.95	32.86	3.31	1.17	33.42	6.46	0.69
Pescaione	Pescaione	20	PS0140	TR200_0100H	4.74	26.73	30.95	33.03	3.39	1.14	33.62	7.90	0.75
Pescaione	Pescaione	20	PS0140	TR200_0150H	4.74	27.11	30.95	33.02	3.46	1.18	33.64	7.83	0.74
Pescaione	Pescaione	20	PS0140	TR200_0200H	4.74	26.18	30.95	33.00	3.43	1.18	33.60	7.63	0.73
Pescaione	Pescaione	20	PS0140	TR200_0300H	4.74	22.28	30.95	32.89	3.32	1.17	33.46	6.70	0.69
Pescaione	Pescaione	20	PS0140	TR200_0400H	4.74	18.96	30.95	32.79	3.21	1.15	33.32	5.91	0.67
Pescaione	Pescaione	20	PS0140	TR200_0500H	4.74	15.44	30.95	32.61	3.13	0.99	33.11	4.94	0.81
Pescaione	Pescaione	19	PS0130_B	TR200_0030H	2.95	17.18	30.40	32.11	2.07	0.61	32.33	8.31	0.96
Pescaione	Pescaione	19	PS0130_B	TR200_0050H	2.95	21.32	30.40	32.32	2.19	0.59	32.56	9.76	1.08
Pescaione	Pescaione	19	PS0130_B	TR200_0100H	2.95	25.11	30.40	32.49	2.29	0.58	32.76	10.98	1.17
Pescaione	Pescaione	19	PS0130_B	TR200_0150H	2.95	25.81	30.40	32.52	2.30	0.58	32.79	11.20	1.18
Pescaione	Pescaione	19	PS0130_B	TR200_0200H	2.95	25.09	30.40	32.49	2.29	0.58	32.76	10.98	1.17
Pescaione	Pescaione	19	PS0130_B	TR200_0300H	2.95	22.05	30.40	32.35	2.21	0.59	32.60	10.00	1.10
Pescaione	Pescaione	19	PS0130_B	TR200_0400H	2.95	19.18	30.40	32.21	2.13	0.60	32.44	9.02	1.02
Pescaione	Pescaione	19	PS0130_B	TR200_0500H	2.95	15.98	30.40	32.05	2.03	0.61	32.26	7.86	0.92
Pescaione	Pescaione	18	PS0130_A	TR200_0030H	4.78	17.03	29.83	31.69	2.04	0.54	31.90	8.36	1.05
Pescaione	Pescaione	18	PS0130_A	TR200_0050H	4.78	21.23	29.83	31.95	2.12	0.57	32.18	10.00	1.06
Pescaione	Pescaione	18	PS0130_A	TR200_0100H	4.78	25.02	29.83	31.98	2.45	0.65	32.28	10.23	1.08
Pescaione	Pescaione	18	PS0130_A	TR200_0150H	4.78	25.77	29.83	32.08	2.35	0.60	32.37	10.97	1.13
Pescaione	Pescaione	18	PS0130_A	TR200_0200H	4.78	25.06	29.83	32.07	2.31	0.59	32.34	10.83	1.12
Pescaione	Pescaione	18	PS0130_A	TR200_0300H	4.78	22.05	29.83	31.98	2.15	0.57	32.22	10.24	1.08
Pescaione	Pescaione	18	PS0130_A	TR200_0400H	4.78	19.17	29.83	31.79	2.14	0.56	32.02	8.95	1.08
Pescaione	Pescaione	18	PS0130_A	TR200_0500H	4.78	15.97	29.83	31.66	1.95	0.52	31.85	8.20	1.04
Pescaione	Pescaione	17	PS0120	TR200_0030H	4.84	23.62	28.84	30.95	2.46	0.82	31.26	9.62	0.76
Pescaione	Pescaione	17	PS0120	TR200_0050H	4.84	29.92	28.84	31.13	2.60	0.80	31.48	11.49	0.88
Pescaione	Pescaione	17	PS0120	TR200_0100H	4.84	36.26	28.84	31.28	2.77	0.79	31.67	13.10	0.98
Pescaione	Pescaione	17	PS0120	TR200_0150H	4.84	36.12	28.84	31.38	2.56	0.70	31.71	14.14	1.04
Pescaione	Pescaione	17	PS0120	TR200_0200H	4.84	34.70	28.84	31.39	2.45	0.67	31.69	14.19	1.04
Pescaione	Pescaione	17	PS0120	TR200_0300H	4.84	30.85	28.84	31.29	2.34	0.67	31.57	13.21	0.99
Pescaione	Pescaione	17	PS0120	TR200_0400H	4.84	26.91	28.84	31.09	2.44	0.76	31.39	11.05	0.85
Pescaione	Pescaione	17	PS0120	TR200_0500H	4.84	22.36	28.84	30.96	2.31	0.77	31.23	9.67	0.76
Pescaione	Pescaione	16	PS0110	TR200_0030H	4.98	23.65	28.24	30.39	2.60	0.81	30.74	9.10	0.83
Pescaione	Pescaione	16	PS0110	TR200_0050H	4.98	29.10	28.24	30.60	2.67	0.76	30.96	10.89	0.96
Pescaione	Pescaione	16	PS0110	TR200_0100H	4.98	35.23	28.24	30.79	2.80	0.75	31.19	12.57	1.07
Pescaione	Pescaione	16	PS0110	TR200_0150H	4.98	36.78	28.24	30.85	2.82	0.74	31.25	13.06	1.10
Pescaione	Pescaione	16	PS0110	TR200_0200H	4.98	36.30	28.24	30.83	2.80	0.74	31.23	12.96	1.10
Pescaione	Pescaione	16	PS0110	TR200_0300H	4.98	32.60	28.24	30.73	2.71	0.74	31.10	12.03	1.04
Pescaione	Pescaione	16	PS0110	TR200_0400H	4.98	28.45	28.24	30.58	2.66	0.77	30.94	10.70	0.95
Pescaione	Pescaione	16	PS0110	TR200_0500H	4.98	23.75	28.24	30.40	2.58	0.80	30.74	9.20	0.84
Pescaione	Pescaione	15	PS0100	TR200_0030H	4.43	23.89	27.74	30.07	2.48	0.63	30.39	9.62	1.06
Pescaione	Pescaione	15	PS0100	TR200_0050H	4.43	29.49	27.74	30.25	2.75	0.66	30.64	10.71	1.14
Pescaione	Pescaione	15	PS0100	TR200_0100H	4.43	35.20	27.74	30.45	2.95	0.68	30.90	11.94	1.22
Pescaione	Pescaione	15	PS0100	TR200_0150H	4.43	36.86	27.74	30.43	3.12	0.72	30.93	11.80	1.21
Pescaione	Pescaione	15	PS0100	TR200_0200H	4.43	36.43	27.74	30.42	3.10	0.72	30.91	11.75	1.21
Pescaione	Pescaione	15	PS0100	TR200_0300H	4.43	32.95	27.74	30.35	2.92	0.69	30.78	11.30	1.18
Pescaione	Pescaione	15	PS0100	TR200_0400H	4.43	28.58	27.74	30.27	2.64	0.63	30.63	10.84	1.15
Pescaione	Pescaione	15	PS0100	TR200_0500H	4.43	24.00	27.74	30.09	2.47	0.62	30.40	9.73	1.07
Pescaione	Pescaione	14	PS0090_A	TR200_0030H	3.65	23.21	27.72	29.94	2.40	0.61	30.24	9.66	1.07
Pescaione	Pescaione	14	PS0090_A	TR200_0050H	3.65	26.41	27.72	30.26	2.28	0.54	30.52	11.58	1.18
Pescaione	Pescaione	14	PS0090_A	TR200_0100H	3.65	29.19	27.72	30.46	2.27	0.51	30.72	12.84	1.26
Pescaione	Pescaione	14	PS0090_A	TR200_0150H	3.65	29.80	27.72	30.58	2.19	0.48	30.82	13.59	1.30
Pescaione	Pescaione	14	PS0090_A	TR200_0200H	3.65	29.61	27.72	30.56	2.20	0.48	30.81	13.49	1.30
Pescaione	Pescaione	14	PS0090_A	TR200_0300H	3.65	28.01	27.72	30.43	2.22	0.50	30.68	12.64	1.25
Pescaione	Pescaione	14	PS0090_A	TR200_0400H	3.65	25.56	27.72	30.23	2.24	0.53	30.49	11.41	1.17
Pescaione	Pescaione	14	PS0090_A	TR200_0500H	3.65	23.13	27.72	29.98	2.35	0.59	30.26	9.86	1.09
Pescaione	Pescaione	13.5		TR200_0030H	1.00	23.21	27.61	29.91	2.38	0.60	30.19	9.76	1.07
Pescaione	Pescaione	13.5		TR200_0050H	1.00	26.41	27.61	30.23	2.25	0.53	30.49	11.74	1.18
Pescaione	Pescaione	13.5		TR200_0100H	1.00	29.18	27.61	30.43	2.24	0.50	30.69	13.01	1.26
Pescaione	Pescaione	13.5		TR200_0150H	1.00	29.80	27.61	30.56	2.16	0.47	30.79	13.79	1.30
Pescaione	Pescaione	13.5		TR200_0200H	1.00	29.61	27.61	30.54	2.16	0.47	30.78	13.69	1.30
Pescaione	Pescaione	13.5		TR200_0300H	1.00	28.01	27.61	30.40	2.18	0.49	30.65	12.82	1.25
Pescaione	Pescaione	13.5		TR200_0400H	1.00	25.56	27.61	30.20	2.21	0.51	30.45	11.57	1.19
Pescaione	Pescaione	13.5		TR200_0500H	1.00	23.13	27.61	29.94	2.32	0.58	30.22	9.98	1.08
Pescaione	Pescaione	13		TR200_0030H	7.76	23.21	27.59	29.72	3.16	0.69	30.23	7.34	0.63
Pescaione	Pescaione	13		TR200_0050H	7.76	26.41	27.59	29.80	3.60	0.77	30.46	7.34	0.63
Pescaione	Pescaione	13		TR200_0100H	7.76	29.17	27.59	30.07	3.82	0.78	30.81	7.63	0.54
Pescaione	Pescaione	13		TR200_0150H	7.76	29.80	27.59	30.00	3.97	0.82	30.80	7.50	0.54
Pescaione	Pescaione	13		TR200_0200H	7.76	29.61	27.59	29.98	3.96	0.82	30.78	7.48	0.54
Pescaione	Pescaione	13		TR200_0300H	7.76	28.01	27.59	29.88	3.82	0.81	30.62	7.34	0.63
Pescaione	Pescaione	13		TR200_0400H	7.76	25.56	27.59	29.86	3.48	0.74	30.48	7.34	0.63
Pescaione	Pescaione	13		TR200_0500H	7.76	23.13	27.59	29.74	3.15	0.69	30.25	7.34	0.63
Pescaione	Pescaione	12		TR200_0030H	1.00	23.03	27.60	29.49	3.40	0.79	30.08	6.77	0.70
Pescaione	Pescaione	12		TR200_0050H	1.00	26.41	27.60	29.47	3.92	0.92	30.25	6.73	0.71
Pescaione	Pescaione	12		TR200_0100H	1.00	29.12	27.60	29.65	4.23	0.94	30.56	6.89	0.60
Pescaione	Pescaione	12		TR200_0150H	1.00	29.69	27.60	29.54	4.34	0.99	30.50	6.85	0.67
Pescaione	Pescaione	12		TR200_0200H	1.00	29.55	27.60	29.54	4.32	0.99	30.49	6.84	0.67
Pescaione	Pescaione	12		TR200_0300H	1.00	28.00	27.60	29.52	4.11	0.95	30.38	6.82	0.68
Pescaione	Pescaione	12		TR200_0400H	1.00	25.56	27.60	29.57	3.72	0.84	30.28	6.88	0.65
Pescaione	Pescaione	12		TR200_0500H	1.00	23.13	27.60	29.51	3.40	0.79	30.10	6.80	0.69

River	Reach	River Sta	Plan	Length Chnl	Q Total	Min Ch El	W.S. Elev	Vel Total	Froude # XS	E.G. Elev	Area	Hydr Radius
				(m)	(m3/s)	(m)	(m)	(m/s)		(m)	(m2)	(m)
Pescaione	Pescaione	11.5	TR200_0030H	4.31	23.02	27.60	29.64	1.89	0.55	29.83	12.15	1.11
Pescaione	Pescaione	11.5	TR200_0050H	4.31	26.41	27.60	29.75	1.99	0.56	29.95	13.26	1.17
Pescaione	Pescaione	11.5	TR200_0100H	4.31	29.12	27.60	29.91	1.95	0.53	30.10	14.96	1.25
Pescaione	Pescaione	11.5	TR200_0150H	4.31	29.79	27.60	29.93	1.97	0.54	30.12	15.13	1.25
Pescaione	Pescaione	11.5	TR200_0200H	4.31	29.59	27.60	29.92	1.96	0.54	30.12	15.06	1.25
Pescaione	Pescaione	11.5	TR200_0300H	4.31	28.01	27.60	29.86	1.94	0.54	30.05	14.41	1.22
Pescaione	Pescaione	11.5	TR200_0400H	4.31	25.56	27.60	29.78	1.89	0.53	29.96	13.51	1.18
Pescaione	Pescaione	11.5	TR200_0500H	4.31	23.13	27.60	29.67	1.86	0.54	29.85	12.44	1.13
Pescaione	Pescaione	11	PS0080_D	4.80	22.82	27.21	29.41	2.67	0.78	29.77	8.56	0.87
Pescaione	Pescaione	11	PS0080_D	4.80	26.40	27.21	29.44	3.00	0.87	29.90	8.79	0.88
Pescaione	Pescaione	11	PS0080_D	4.80	29.06	27.21	29.64	2.84	0.76	30.05	10.22	0.99
Pescaione	Pescaione	11	PS0080_D	4.80	29.69	27.21	29.64	2.90	0.78	30.07	10.24	0.99
Pescaione	Pescaione	11	PS0080_D	4.80	29.53	27.21	29.64	2.89	0.78	30.06	10.21	0.99
Pescaione	Pescaione	11	PS0080_D	4.80	27.97	27.21	29.59	2.83	0.77	30.00	9.89	0.96
Pescaione	Pescaione	11	PS0080_D	4.80	25.54	27.21	29.54	2.69	0.75	29.91	9.50	0.94
Pescaione	Pescaione	11	PS0080_D	4.80	23.13	27.21	29.46	2.60	0.75	29.80	8.89	0.89
Pescaione	Pescaione	10	PS0070_	4.57	20.99	26.63	29.33	1.11	0.30	29.39	18.88	1.21
Pescaione	Pescaione	10	PS0070_	4.57	24.10	26.63	29.43	1.19	0.31	29.50	20.25	1.29
Pescaione	Pescaione	10	PS0070_	4.57	29.04	26.63	29.56	1.31	0.33	29.65	22.09	1.38
Pescaione	Pescaione	10	PS0070_	4.57	33.20	26.63	29.58	1.49	0.37	29.69	22.31	1.39
Pescaione	Pescaione	10	PS0070_	4.57	32.98	26.63	29.57	1.48	0.37	29.68	22.25	1.39
Pescaione	Pescaione	10	PS0070_	4.57	30.74	26.63	29.54	1.41	0.36	29.64	21.80	1.36
Pescaione	Pescaione	10	PS0070_	4.57	24.94	26.63	29.49	1.18	0.30	29.56	21.17	1.33
Pescaione	Pescaione	10	PS0070_	4.57	22.19	26.63	29.41	1.11	0.29	29.47	19.97	1.27
Pescaione	Pescaione	9	PS0060_A	2.25	20.67	26.36	29.30	1.04	0.28	29.35	19.83	1.18
Pescaione	Pescaione	9	PS0060_A	2.25	21.96	26.36	29.42	1.01	0.27	29.47	21.64	1.23
Pescaione	Pescaione	9	PS0060_A	2.25	23.43	26.36	29.58	0.97	0.25	29.63	24.14	1.35
Pescaione	Pescaione	9	PS0060_A	2.25	23.89	26.36	29.64	0.96	0.24	29.68	24.93	1.38
Pescaione	Pescaione	9	PS0060_A	2.25	23.84	26.36	29.63	0.96	0.24	29.68	24.84	1.38
Pescaione	Pescaione	9	PS0060_A	2.25	23.41	26.36	29.58	0.97	0.25	29.63	24.10	1.34
Pescaione	Pescaione	9	PS0060_A	2.25	22.61	26.36	29.49	1.00	0.26	29.54	22.69	1.28
Pescaione	Pescaione	9	PS0060_A	2.25	21.62	26.36	29.38	1.02	0.28	29.44	21.11	1.21
Pescaione	Pescaione	8.75	TR200_0030H	1.50	20.67	26.66	29.18	1.72	0.45	29.33	11.99	0.94
Pescaione	Pescaione	8.75	TR200_0050H	1.50	21.96	26.66	29.31	1.69	0.43	29.45	13.02	1.00
Pescaione	Pescaione	8.75	TR200_0100H	1.50	23.43	26.66	29.48	1.63	0.39	29.61	14.41	1.08
Pescaione	Pescaione	8.75	TR200_0150H	1.50	23.89	26.66	29.53	1.61	0.38	29.66	14.85	1.11
Pescaione	Pescaione	8.75	TR200_0200H	1.50	23.84	26.66	29.53	1.61	0.38	29.66	14.81	1.10
Pescaione	Pescaione	8.75	TR200_0300H	1.50	23.41	26.66	29.48	1.63	0.39	29.61	14.39	1.08
Pescaione	Pescaione	8.75	TR200_0400H	1.50	22.61	26.66	29.38	1.66	0.41	29.52	13.61	1.04
Pescaione	Pescaione	8.75	TR200_0500H	1.50	21.62	26.66	29.27	1.70	0.43	29.42	12.72	0.99
Pescaione	Pescaione	8.5	TR200_0030H	1.00	20.67	26.66	29.17	1.73	0.46	29.33	11.93	0.94
Pescaione	Pescaione	8.5	TR200_0050H	1.00	21.96	26.66	29.30	1.69	0.43	29.45	12.97	1.00
Pescaione	Pescaione	8.5	TR200_0100H	1.00	23.43	26.66	29.47	1.63	0.39	29.61	14.38	1.08
Pescaione	Pescaione	8.5	TR200_0150H	1.00	23.89	26.66	29.53	1.61	0.38	29.66	14.82	1.10
Pescaione	Pescaione	8.5	TR200_0200H	1.00	23.84	26.66	29.52	1.61	0.38	29.65	14.77	1.10
Pescaione	Pescaione	8.5	TR200_0300H	1.00	23.41	26.66	29.47	1.63	0.39	29.61	14.36	1.08
Pescaione	Pescaione	8.5	TR200_0400H	1.00	22.60	26.66	29.37	1.67	0.41	29.52	13.57	1.03
Pescaione	Pescaione	8.5	TR200_0500H	1.00	21.62	26.66	29.26	1.71	0.44	29.41	12.67	0.98
Pescaione	Pescaione	6.5	TR200_0030H	4.79	20.66	26.10	28.14	3.35	0.86	28.71	6.16	0.85
Pescaione	Pescaione	6.5	TR200_0050H	4.79	21.96	26.10	28.17	3.49	0.89	28.79	6.29	0.86
Pescaione	Pescaione	6.5	TR200_0100H	4.79	23.40	26.10	28.26	3.51	0.87	28.89	6.67	0.89
Pescaione	Pescaione	6.5	TR200_0150H	4.79	23.85	26.10	28.26	3.59	0.89	28.91	6.65	0.88
Pescaione	Pescaione	6.5	TR200_0200H	4.79	23.84	26.10	28.25	3.59	0.89	28.91	6.64	0.88
Pescaione	Pescaione	6.5	TR200_0300H	4.79	23.40	26.10	28.23	3.57	0.89	28.88	6.56	0.88
Pescaione	Pescaione	6.5	TR200_0400H	4.79	22.60	26.10	28.23	3.47	0.87	28.84	6.52	0.87
Pescaione	Pescaione	6.5	TR200_0500H	4.79	21.62	26.10	28.18	3.41	0.87	28.77	6.34	0.86
Pescaione	Pescaione	6	PS0050_D	4.46	20.66	25.88	27.94	2.19	0.76	28.18	9.42	0.75
Pescaione	Pescaione	6	PS0050_D	4.46	21.96	25.88	28.01	2.14	0.72	28.24	10.24	0.79
Pescaione	Pescaione	6	PS0050_D	4.46	23.38	25.88	28.05	2.19	0.73	28.29	10.68	0.81
Pescaione	Pescaione	6	PS0050_D	4.46	23.86	25.88	28.08	2.15	0.71	28.32	11.12	0.82
Pescaione	Pescaione	6	PS0050_D	4.46	23.83	25.88	28.08	2.15	0.71	28.32	11.11	0.82
Pescaione	Pescaione	6	PS0050_D	4.46	23.41	25.88	28.07	2.14	0.71	28.30	10.92	0.82
Pescaione	Pescaione	6	PS0050_D	4.46	22.60	25.88	28.01	2.20	0.74	28.26	10.29	0.79
Pescaione	Pescaione	6	PS0050_D	4.46	21.62	25.88	27.97	2.20	0.75	28.22	9.83	0.77
Pescaione	Pescaione	5	PS0040_	4.95	20.65	25.31	27.56	2.51	0.88	27.88	8.22	0.70
Pescaione	Pescaione	5	PS0040_	4.95	21.95	25.31	27.62	2.48	0.88	27.93	8.84	0.69
Pescaione	Pescaione	5	PS0040_	4.95	23.63	25.31	27.72	2.36	0.83	28.01	10.02	0.71
Pescaione	Pescaione	5	PS0040_	4.95	24.14	25.31	27.77	2.27	0.78	28.03	10.62	0.74
Pescaione	Pescaione	5	PS0040_	4.95	24.11	25.31	27.77	2.28	0.79	28.03	10.58	0.74
Pescaione	Pescaione	5	PS0040_	4.95	23.64	25.31	27.73	2.34	0.82	28.01	10.11	0.72
Pescaione	Pescaione	5	PS0040_	4.95	22.72	25.31	27.67	2.42	0.86	27.97	9.38	0.69
Pescaione	Pescaione	5	PS0040_	4.95	21.62	25.31	27.61	2.48	0.88	27.92	8.72	0.69
Pescaione	Pescaione	4	PS0030_	4.69	20.65	24.93	27.07	2.59	0.74	27.41	7.98	1.00
Pescaione	Pescaione	4	PS0030_	4.69	21.95	24.93	27.13	2.63	0.74	27.48	8.36	1.03
Pescaione	Pescaione	4	PS0030_	4.69	23.82	24.93	27.26	2.57	0.71	27.60	9.26	1.06
Pescaione	Pescaione	4	PS0030_	4.69	24.37	24.93	27.29	2.59	0.72	27.63	9.43	1.06
Pescaione	Pescaione	4	PS0030_	4.69	24.33	24.93	27.29	2.59	0.72	27.63	9.41	1.06
Pescaione	Pescaione	4	PS0030_	4.69	23.82	24.93	27.25	2.60	0.72	27.60	9.17	1.06
Pescaione	Pescaione	4	PS0030_	4.69	22.82	24.93	27.20	2.58	0.72	27.54	8.83	1.05
Pescaione	Pescaione	4	PS0030_	4.69	21.62	24.93	27.13	2.59	0.73	27.47	8.36	1.03

River	Reach	River Sta		Plan	Length Chnl (m)	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Vel Total (m/s)	Froude # XS	E.G. Elev (m)	Area (m2)	Hydr Radius (m)
Pescaione	Pescaione	3	PS0020_A	TR200_0030H	0.90	20.65	24.76	26.90	2.23	0.59	27.16	9.27	1.08
Pescaione	Pescaione	3	PS0020_A	TR200_0050H	0.90	21.95	24.76	27.02	2.19	0.57	27.26	10.01	1.12
Pescaione	Pescaione	3	PS0020_A	TR200_0100H	0.90	23.82	24.76	27.12	2.23	0.57	27.37	10.70	1.15
Pescaione	Pescaione	3	PS0020_A	TR200_0150H	0.90	24.37	24.76	27.19	2.18	0.55	27.43	11.19	1.18
Pescaione	Pescaione	3	PS0020_A	TR200_0200H	0.90	24.33	24.76	27.19	2.18	0.55	27.43	11.17	1.18
Pescaione	Pescaione	3	PS0020_A	TR200_0300H	0.90	23.82	24.76	27.15	2.18	0.56	27.40	10.92	1.16
Pescaione	Pescaione	3	PS0020_A	TR200_0400H	0.90	22.82	24.76	27.05	2.23	0.58	27.31	10.23	1.13
Pescaione	Pescaione	3	PS0020_A	TR200_0500H	0.90	21.62	24.76	26.97	2.23	0.58	27.22	9.69	1.10
Pescaione	Pescaione	2		TR200_0030H	1.00	20.65	24.83	26.74	2.88	0.66	27.17	7.18	0.90
Pescaione	Pescaione	2		TR200_0050H	1.00	21.95	24.83	26.76	3.04	0.70	27.23	7.23	0.90
Pescaione	Pescaione	2		TR200_0100H	1.00	23.82	24.83	26.91	3.10	0.69	27.40	7.68	0.91
Pescaione	Pescaione	2		TR200_0150H	1.00	24.37	24.83	26.87	3.22	0.72	27.40	7.57	0.91
Pescaione	Pescaione	2		TR200_0200H	1.00	24.33	24.83	26.87	3.22	0.72	27.40	7.57	0.91
Pescaione	Pescaione	2		TR200_0300H	1.00	23.82	24.83	26.85	3.18	0.71	27.36	7.50	0.91
Pescaione	Pescaione	2		TR200_0400H	1.00	22.82	24.83	26.86	3.03	0.68	27.33	7.53	0.91
Pescaione	Pescaione	2		TR200_0500H	1.00	21.62	24.83	26.80	2.94	0.67	27.24	7.34	0.90
Pescaione	Pescaione	1		TR200_0030H	1.00	20.65	24.83	26.73	2.89	0.67	27.16	7.13	0.89
Pescaione	Pescaione	1		TR200_0050H	1.00	21.95	24.83	26.74	3.06	0.71	27.22	7.16	0.90
Pescaione	Pescaione	1		TR200_0100H	1.00	23.82	24.83	26.89	3.12	0.69	27.39	7.63	0.91
Pescaione	Pescaione	1		TR200_0150H	1.00	24.37	24.83	26.85	3.25	0.73	27.39	7.50	0.91
Pescaione	Pescaione	1		TR200_0200H	1.00	24.33	24.83	26.85	3.24	0.73	27.38	7.50	0.91
Pescaione	Pescaione	1		TR200_0300H	1.00	23.82	24.83	26.82	3.21	0.72	27.35	7.43	0.90
Pescaione	Pescaione	1		TR200_0400H	1.00	22.82	24.83	26.84	3.05	0.69	27.32	7.48	0.91
Pescaione	Pescaione	1		TR200_0500H	1.00	21.62	24.83	26.78	2.96	0.68	27.23	7.30	0.90
Pescaione	Pescaione	0.5		TR200_0030H	1.00	20.65	24.83	26.77	2.31	0.57	27.05	8.94	1.10
Pescaione	Pescaione	0.5		TR200_0050H	1.00	21.95	24.83	26.85	2.35	0.57	27.13	9.35	1.13
Pescaione	Pescaione	0.5		TR200_0100H	1.00	23.82	24.83	26.95	2.40	0.57	27.25	9.91	1.17
Pescaione	Pescaione	0.5		TR200_0150H	1.00	24.37	24.83	26.98	2.42	0.57	27.28	10.09	1.18
Pescaione	Pescaione	0.5		TR200_0200H	1.00	24.33	24.83	26.98	2.41	0.57	27.28	10.08	1.18
Pescaione	Pescaione	0.5		TR200_0300H	1.00	23.82	24.83	26.95	2.40	0.57	27.25	9.92	1.17
Pescaione	Pescaione	0.5		TR200_0400H	1.00	22.82	24.83	26.90	2.38	0.57	27.18	9.61	1.15
Pescaione	Pescaione	0.5		TR200_0500H	1.00	21.62	24.83	26.83	2.34	0.57	27.11	9.24	1.12
Pescaione	Pescaione	0.1		TR200_0030H		20.65	24.82	26.74	2.34	0.58	27.02	8.82	1.09
Pescaione	Pescaione	0.1		TR200_0050H		21.95	24.82	26.82	2.38	0.58	27.10	9.22	1.12
Pescaione	Pescaione	0.1		TR200_0100H		23.82	24.82	26.92	2.43	0.58	27.22	9.79	1.16
Pescaione	Pescaione	0.1		TR200_0150H		24.37	24.82	26.95	2.45	0.58	27.26	9.95	1.17
Pescaione	Pescaione	0.1		TR200_0200H		24.33	24.82	26.95	2.45	0.58	27.25	9.94	1.17
Pescaione	Pescaione	0.1		TR200_0300H		23.82	24.82	26.92	2.43	0.58	27.22	9.79	1.16
Pescaione	Pescaione	0.1		TR200_0400H		22.82	24.82	26.86	2.41	0.58	27.16	9.49	1.14
Pescaione	Pescaione	0.1		TR200_0500H		21.62	24.82	26.80	2.37	0.58	27.08	9.12	1.11

3.3 RIO RATTO

3.3.1 TEMPO DI RITORNO 30 ANNI

River	Reach	River Sta		Plan	Length Chnl (m)	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Vel Total (m/s)	Froude # XS	E.G. Elev (m)	Area (m2)	Hydr Radius (m)
Ratto	Ratto	31	RR0210__	TR030_0030H	13.37	3.02	38.71	39.35	2.66	1.32	39.71	1.14	0.36
Ratto	Ratto	31	RR0210__	TR030_0050H	13.37	3.80	38.71	39.42	2.81	1.33	39.83	1.35	0.40
Ratto	Ratto	31	RR0210__	TR030_0100H	13.37	4.02	38.71	39.44	2.84	1.33	39.86	1.41	0.40
Ratto	Ratto	31	RR0210__	TR030_0150H	13.37	3.59	38.71	39.40	2.77	1.33	39.80	1.30	0.39
Ratto	Ratto	31	RR0210__	TR030_0200H	13.37	3.10	38.71	39.36	2.67	1.32	39.72	1.16	0.36
Ratto	Ratto	31	RR0210__	TR030_0300H	13.37	2.49	38.71	39.29	2.53	1.31	39.62	0.98	0.33
Ratto	Ratto	31	RR0210__	TR030_0400H	13.37	2.27	38.71	39.27	2.47	1.31	39.58	0.92	0.32
Ratto	Ratto	31	RR0210__	TR030_0500H	13.37	2.22	38.71	39.26	2.45	1.31	39.57	0.90	0.32
Ratto	Ratto	30	RR0200_B	TR030_0030H	1.50	3.01	37.49	38.38	1.78	0.75	38.54	1.69	0.47
Ratto	Ratto	30	RR0200_B	TR030_0050H	1.50	3.79	37.49	38.49	1.87	0.75	38.67	2.03	0.52
Ratto	Ratto	30	RR0200_B	TR030_0100H	1.50	4.02	37.49	38.52	1.89	0.74	38.70	2.13	0.53
Ratto	Ratto	30	RR0200_B	TR030_0150H	1.50	3.59	37.49	38.46	1.85	0.75	38.64	1.94	0.50
Ratto	Ratto	30	RR0200_B	TR030_0200H	1.50	3.10	37.49	38.39	1.79	0.75	38.56	1.73	0.48
Ratto	Ratto	30	RR0200_B	TR030_0300H	1.50	2.49	37.49	38.30	1.71	0.75	38.45	1.45	0.43
Ratto	Ratto	30	RR0200_B	TR030_0400H	1.50	2.27	37.49	38.26	1.68	0.75	38.40	1.35	0.42
Ratto	Ratto	30	RR0200_B	TR030_0500H	1.50	2.22	37.49	38.25	1.67	0.75	38.39	1.33	0.41
Ratto	Ratto	29	RR0200_A	TR030_0030H	9.40	3.01	36.92	37.74	1.96	0.81	37.94	1.54	0.46
Ratto	Ratto	29	RR0200_A	TR030_0050H	9.40	3.79	36.92	37.85	2.08	0.82	38.07	1.82	0.51
Ratto	Ratto	29	RR0200_A	TR030_0100H	9.40	4.02	36.92	37.88	2.12	0.82	38.11	1.90	0.52
Ratto	Ratto	29	RR0200_A	TR030_0150H	9.40	3.59	36.92	37.82	2.05	0.81	38.04	1.75	0.50
Ratto	Ratto	29	RR0200_A	TR030_0200H	9.40	3.10	36.92	37.76	1.97	0.81	37.95	1.57	0.47
Ratto	Ratto	29	RR0200_A	TR030_0300H	9.40	2.49	36.92	37.67	1.85	0.80	37.84	1.34	0.43
Ratto	Ratto	29	RR0200_A	TR030_0400H	9.40	2.27	36.92	37.63	1.81	0.81	37.80	1.25	0.41
Ratto	Ratto	29	RR0200_A	TR030_0500H	9.40	2.22	36.92	37.62	1.80	0.81	37.79	1.23	0.41
Ratto	Ratto	28	RR0190__	TR030_0030H	12.87	3.01	36.44	37.58	1.26	0.50	37.66	2.39	0.53
Ratto	Ratto	28	RR0190__	TR030_0050H	12.87	3.79	36.44	37.68	1.36	0.56	37.77	2.77	0.51
Ratto	Ratto	28	RR0190__	TR030_0100H	12.87	4.02	36.44	37.70	1.39	0.57	37.80	2.89	0.51
Ratto	Ratto	28	RR0190__	TR030_0150H	12.87	3.59	36.44	37.65	1.34	0.55	37.75	2.68	0.51
Ratto	Ratto	28	RR0190__	TR030_0200H	12.87	3.10	36.44	37.59	1.28	0.51	37.68	2.43	0.52
Ratto	Ratto	28	RR0190__	TR030_0300H	12.87	2.49	36.44	37.52	1.16	0.48	37.58	2.14	0.50
Ratto	Ratto	28	RR0190__	TR030_0400H	12.87	2.27	36.44	37.48	1.13	0.47	37.54	2.02	0.48
Ratto	Ratto	28	RR0190__	TR030_0500H	12.87	2.22	36.44	37.47	1.12	0.47	37.53	1.98	0.48
Ratto	Ratto	27	RR0180_A	TR030_0030H	4.14	2.98	36.49	37.57	0.88	0.32	37.61	3.38	0.63
Ratto	Ratto	27	RR0180_A	TR030_0050H	4.14	3.67	36.49	37.66	0.97	0.36	37.70	3.79	0.62
Ratto	Ratto	27	RR0180_A	TR030_0100H	4.14	3.87	36.49	37.68	0.99	0.37	37.73	3.91	0.62
Ratto	Ratto	27	RR0180_A	TR030_0150H	4.14	3.50	36.49	37.64	0.95	0.35	37.68	3.69	0.63
Ratto	Ratto	27	RR0180_A	TR030_0200H	4.14	3.06	36.49	37.58	0.89	0.33	37.62	3.43	0.63
Ratto	Ratto	27	RR0180_A	TR030_0300H	4.14	2.48	36.49	37.50	0.81	0.31	37.54	3.09	0.59
Ratto	Ratto	27	RR0180_A	TR030_0400H	4.14	2.27	36.49	37.47	0.78	0.30	37.50	2.92	0.57
Ratto	Ratto	27	RR0180_A	TR030_0500H	4.14	2.22	36.49	37.46	0.77	0.30	37.49	2.89	0.57
Ratto	Ratto	24	RR0170_D	TR030_0030H	71.17	2.98	35.63	36.59	1.91	0.80	36.78	1.55	0.46
Ratto	Ratto	24	RR0170_D	TR030_0050H	71.17	3.67	35.63	36.69	2.01	0.80	36.90	1.83	0.50
Ratto	Ratto	24	RR0170_D	TR030_0100H	71.17	3.87	35.63	36.71	2.06	0.82	36.93	1.88	0.51
Ratto	Ratto	24	RR0170_D	TR030_0150H	71.17	3.49	35.63	36.66	1.99	0.81	36.87	1.75	0.49
Ratto	Ratto	24	RR0170_D	TR030_0200H	71.17	3.06	35.63	36.60	1.92	0.80	36.79	1.59	0.47
Ratto	Ratto	24	RR0170_D	TR030_0300H	71.17	2.48	35.63	36.51	1.85	0.81	36.68	1.34	0.43
Ratto	Ratto	24	RR0170_D	TR030_0400H	71.17	2.27	35.63	36.47	1.83	0.82	36.64	1.24	0.41
Ratto	Ratto	24	RR0170_D	TR030_0500H	71.17	2.22	35.63	36.46	1.83	0.82	36.63	1.21	0.40
Ratto	Ratto	23	RR0160__	TR030_0030H	17.33	2.97	34.05	35.11	2.66	1.09	35.47	1.12	0.36
Ratto	Ratto	23	RR0160__	TR030_0050H	17.33	3.66	34.05	35.22	2.71	1.10	35.60	1.35	0.38
Ratto	Ratto	23	RR0160__	TR030_0100H	17.33	3.87	34.05	35.25	2.73	1.10	35.63	1.42	0.38
Ratto	Ratto	23	RR0160__	TR030_0150H	17.33	3.50	34.05	35.20	2.68	1.08	35.57	1.31	0.38
Ratto	Ratto	23	RR0160__	TR030_0200H	17.33	3.06	34.05	35.12	2.68	1.09	35.48	1.14	0.36
Ratto	Ratto	23	RR0160__	TR030_0300H	17.33	2.48	34.05	35.02	2.56	1.06	35.35	0.97	0.34
Ratto	Ratto	23	RR0160__	TR030_0400H	17.33	2.27	34.05	34.98	2.51	1.05	35.30	0.90	0.34
Ratto	Ratto	23	RR0160__	TR030_0500H	17.33	2.21	34.05	34.97	2.50	1.04	35.29	0.89	0.33
Ratto	Ratto	22.667		TR030_0030H	17.33	2.97	33.67	34.62	2.62	1.05	34.96	1.14	0.39
Ratto	Ratto	22.667		TR030_0050H	17.33	3.66	33.67	34.78	2.53	0.96	35.10	1.45	0.44
Ratto	Ratto	22.667		TR030_0100H	17.33	3.80	33.67	34.81	2.52	0.94	35.13	1.51	0.44
Ratto	Ratto	22.667		TR030_0150H	17.33	3.50	33.67	34.76	2.47	0.94	35.07	1.42	0.43
Ratto	Ratto	22.667		TR030_0200H	17.33	3.01	33.67	34.63	2.60	1.04	34.97	1.16	0.39
Ratto	Ratto	22.667		TR030_0300H	17.33	2.44	33.67	34.54	2.44	1.02	34.84	1.00	0.37
Ratto	Ratto	22.667		TR030_0400H	17.33	2.26	33.67	34.50	2.40	1.02	34.80	0.94	0.36
Ratto	Ratto	22.667		TR030_0500H	17.33	2.21	33.67	34.49	2.41	1.03	34.79	0.92	0.35
Ratto	Ratto	22	RR0150__	TR030_0030H	12.13	3.22	32.90	33.85	2.05	0.80	34.06	1.57	0.47
Ratto	Ratto	22	RR0150__	TR030_0050H	12.13	3.92	32.90	34.31	1.39	0.46	34.41	2.81	0.63
Ratto	Ratto	22	RR0150__	TR030_0100H	12.13	4.24	32.90	34.33	1.46	0.48	34.44	2.90	0.63
Ratto	Ratto	22	RR0150__	TR030_0150H	12.13	3.88	32.90	34.30	1.38	0.46	34.40	2.81	0.62
Ratto	Ratto	22	RR0150__	TR030_0200H	12.13	3.35	32.90	33.88	2.05	0.79	34.09	1.63	0.48
Ratto	Ratto	22	RR0150__	TR030_0300H	12.13	2.84	32.90	33.77	2.05	0.83	33.98	1.39	0.44
Ratto	Ratto	22	RR0150__	TR030_0400H	12.13	2.60	32.90	33.72	2.03	0.84	33.93	1.28	0.43
Ratto	Ratto	22	RR0150__	TR030_0500H	12.13	2.49	32.90	33.70	2.02	0.85	33.91	1.23	0.42
Ratto	Ratto	19	RR0140__	TR030_0030H	17.08	3.22	32.59	33.28	2.11	0.91	33.51	1.53	0.43
Ratto	Ratto	19	RR0140__	TR030_0050H	17.08	3.92	32.59	33.36	2.23	0.92	33.62	1.76	0.47
Ratto	Ratto	19	RR0140__	TR030_0100H	17.08	4.24	32.59	33.40	2.28	0.92	33.66	1.86	0.49
Ratto	Ratto	19	RR0140__	TR030_0150H	17.08	3.88	32.59	33.36	2.22	0.92	33.61	1.75	0.47
Ratto	Ratto	19	RR0140__	TR030_0200H	17.08	3.35	32.59	33.30	2.13	0.91	33.53	1.57	0.44
Ratto	Ratto	19	RR0140__	TR030_0300H	17.08	2.84	32.59	33.24	2.03	0.91	33.45	1.40	0.41
Ratto	Ratto	19	RR0140__	TR030_0400H	17.08	2.60	32.59	33.21	1.98	0.91	33.40	1.32	0.39

River	Reach	River Sta	Plan	Length Chnl (m)	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Vel Total (m/s)	Froude # XS	E.G. Elev (m)	Area (m2)	Hydr Radius (m)
Ratto	Ratto	19 RR0140__	TR030_0500H	17.08	2.49	32.59	33.19	1.95	0.90	33.38	1.27	0.39
Ratto	Ratto	18 RR0130__	TR030_0030H	17.79	3.22	31.55	32.29	2.12	0.94	32.52	1.52	0.44
Ratto	Ratto	18 RR0130__	TR030_0050H	17.79	3.90	31.55	32.36	2.23	0.94	32.62	1.75	0.48
Ratto	Ratto	18 RR0130__	TR030_0100H	17.79	4.24	31.55	32.40	2.27	0.94	32.66	1.87	0.49
Ratto	Ratto	18 RR0130__	TR030_0150H	17.79	3.88	31.55	32.36	2.22	0.94	32.61	1.74	0.48
Ratto	Ratto	18 RR0130__	TR030_0200H	17.79	3.35	31.55	32.30	2.14	0.94	32.53	1.56	0.45
Ratto	Ratto	18 RR0130__	TR030_0300H	17.79	2.84	31.55	32.24	2.04	0.93	32.45	1.39	0.42
Ratto	Ratto	18 RR0130__	TR030_0400H	17.79	2.60	31.55	32.21	2.00	0.93	32.41	1.30	0.40
Ratto	Ratto	18 RR0130__	TR030_0500H	17.79	2.49	31.55	32.20	1.97	0.92	32.39	1.26	0.40
Ratto	Ratto	17 RR0120__	TR030_0030H	17.82	3.19	30.33	31.21	1.37	0.56	31.30	2.34	0.53
Ratto	Ratto	17 RR0120__	TR030_0050H	17.82	3.76	30.33	31.48	1.09	0.40	31.54	3.46	0.65
Ratto	Ratto	17 RR0120__	TR030_0100H	17.82	4.19	30.33	31.55	1.10	0.39	31.61	3.80	0.69
Ratto	Ratto	17 RR0120__	TR030_0150H	17.82	3.78	30.33	31.49	1.08	0.39	31.55	3.51	0.66
Ratto	Ratto	17 RR0120__	TR030_0200H	17.82	3.34	30.33	31.24	1.37	0.55	31.33	2.44	0.54
Ratto	Ratto	17 RR0120__	TR030_0300H	17.82	2.83	30.33	31.15	1.35	0.57	31.24	2.10	0.50
Ratto	Ratto	17 RR0120__	TR030_0400H	17.82	2.60	30.33	31.10	1.34	0.58	31.20	1.94	0.48
Ratto	Ratto	17 RR0120__	TR030_0500H	17.82	2.48	30.33	31.08	1.33	0.58	31.17	1.87	0.47
Ratto	Ratto	16 RR0110__	TR030_0030H	7.39	3.19	29.97	31.04	1.06	0.39	31.10	3.00	0.63
Ratto	Ratto	16 RR0110__	TR030_0050H	7.39	3.74	29.97	31.41	0.80	0.28	31.44	4.69	0.69
Ratto	Ratto	16 RR0110__	TR030_0100H	7.39	4.04	29.97	31.49	0.79	0.27	31.52	5.13	0.73
Ratto	Ratto	16 RR0110__	TR030_0150H	7.39	3.76	29.97	31.43	0.79	0.28	31.46	4.76	0.69
Ratto	Ratto	16 RR0110__	TR030_0200H	7.39	3.34	29.97	31.08	1.07	0.39	31.13	3.13	0.64
Ratto	Ratto	16 RR0110__	TR030_0300H	7.39	2.83	29.97	30.97	1.05	0.40	31.02	2.70	0.59
Ratto	Ratto	16 RR0110__	TR030_0400H	7.39	2.60	29.97	30.92	1.04	0.41	30.97	2.50	0.57
Ratto	Ratto	16 RR0110__	TR030_0500H	7.39	2.48	29.97	30.89	1.03	0.41	30.94	2.41	0.55
Ratto	Ratto	13 RR0100__	TR030_0030H	15.00	3.19	29.69	30.63	2.00	0.82	30.84	1.59	0.47
Ratto	Ratto	13 RR0100__	TR030_0050H	15.00	3.74	29.69	30.71	2.09	0.82	30.93	1.79	0.50
Ratto	Ratto	13 RR0100__	TR030_0100H	15.00	4.04	29.69	30.75	2.13	0.82	30.98	1.90	0.51
Ratto	Ratto	13 RR0100__	TR030_0150H	15.00	3.76	29.69	30.71	2.09	0.82	30.93	1.79	0.50
Ratto	Ratto	13 RR0100__	TR030_0200H	15.00	3.34	29.69	30.65	2.03	0.82	30.86	1.65	0.47
Ratto	Ratto	13 RR0100__	TR030_0300H	15.00	2.83	29.69	30.58	1.94	0.82	30.77	1.46	0.44
Ratto	Ratto	13 RR0100__	TR030_0400H	15.00	2.60	29.69	30.55	1.89	0.81	30.73	1.37	0.43
Ratto	Ratto	13 RR0100__	TR030_0500H	15.00	2.48	29.69	30.53	1.87	0.81	30.70	1.33	0.42
Ratto	Ratto	12 RR0090__	TR030_0030H	58.04	3.19	29.10	30.12	1.84	0.76	30.29	1.73	0.47
Ratto	Ratto	12 RR0090__	TR030_0050H	58.04	3.74	29.10	30.19	1.92	0.77	30.38	1.95	0.50
Ratto	Ratto	12 RR0090__	TR030_0100H	58.04	4.04	29.10	30.24	1.93	0.79	30.43	2.09	0.49
Ratto	Ratto	12 RR0090__	TR030_0150H	58.04	3.75	29.10	30.19	1.92	0.77	30.38	1.95	0.50
Ratto	Ratto	12 RR0090__	TR030_0200H	58.04	3.34	29.10	30.14	1.86	0.77	30.32	1.79	0.48
Ratto	Ratto	12 RR0090__	TR030_0300H	58.04	2.83	29.10	30.07	1.78	0.75	30.23	1.59	0.45
Ratto	Ratto	12 RR0090__	TR030_0400H	58.04	2.60	29.10	30.04	1.73	0.75	30.19	1.50	0.44
Ratto	Ratto	12 RR0090__	TR030_0500H	58.04	2.48	29.10	30.02	1.71	0.74	30.17	1.45	0.43
Ratto	Ratto	11 RR0080__	TR030_0030H	17.90	3.19	28.70	29.54	1.83	0.79	29.71	1.74	0.47
Ratto	Ratto	11 RR0080__	TR030_0050H	17.90	3.74	28.70	29.61	1.90	0.79	29.79	1.97	0.50
Ratto	Ratto	11 RR0080__	TR030_0100H	17.90	4.04	28.70	29.65	1.93	0.79	29.83	2.10	0.51
Ratto	Ratto	11 RR0080__	TR030_0150H	17.90	3.75	28.70	29.61	1.90	0.79	29.79	1.97	0.50
Ratto	Ratto	11 RR0080__	TR030_0200H	17.90	3.34	28.70	29.56	1.85	0.79	29.73	1.80	0.48
Ratto	Ratto	11 RR0080__	TR030_0300H	17.90	2.83	28.70	29.49	1.79	0.79	29.65	1.58	0.44
Ratto	Ratto	11 RR0080__	TR030_0400H	17.90	2.60	28.70	29.45	1.76	0.79	29.61	1.48	0.43
Ratto	Ratto	11 RR0080__	TR030_0500H	17.90	2.48	28.70	29.43	1.74	0.79	29.59	1.43	0.42
Ratto	Ratto	10 RR0070__	TR030_0030H	19.91	3.18	28.13	29.07	1.58	0.61	29.19	2.02	0.53
Ratto	Ratto	10 RR0070__	TR030_0050H	19.91	3.51	28.13	29.14	1.56	0.59	29.27	2.26	0.56
Ratto	Ratto	10 RR0070__	TR030_0100H	19.91	4.03	28.13	29.19	1.69	0.62	29.33	2.39	0.58
Ratto	Ratto	10 RR0070__	TR030_0150H	19.91	3.66	28.13	29.14	1.62	0.61	29.28	2.25	0.56
Ratto	Ratto	10 RR0070__	TR030_0200H	19.91	3.33	28.13	29.09	1.60	0.62	29.22	2.08	0.53
Ratto	Ratto	10 RR0070__	TR030_0300H	19.91	2.83	28.13	29.01	1.52	0.61	29.13	1.86	0.50
Ratto	Ratto	10 RR0070__	TR030_0400H	19.91	2.60	28.13	28.97	1.49	0.61	29.09	1.74	0.49
Ratto	Ratto	10 RR0070__	TR030_0500H	19.91	2.48	28.13	28.94	1.49	0.62	29.06	1.66	0.47
Ratto	Ratto	9 RR0060__	TR030_0030H	16.66	2.16	27.80	28.99	0.79	0.29	29.02	2.75	0.60
Ratto	Ratto	9 RR0060__	TR030_0050H	16.66	3.32	27.80	28.98	1.21	0.45	29.06	2.73	0.60
Ratto	Ratto	9 RR0060__	TR030_0100H	16.66	3.65	27.80	28.99	1.33	0.50	29.08	2.74	0.60
Ratto	Ratto	9 RR0060__	TR030_0150H	16.66	3.63	27.80	28.95	1.39	0.53	29.05	2.61	0.58
Ratto	Ratto	9 RR0060__	TR030_0200H	16.66	3.26	27.80	28.88	1.38	0.54	28.98	2.37	0.55
Ratto	Ratto	9 RR0060__	TR030_0300H	16.66	2.81	27.80	28.81	1.32	0.53	28.90	2.12	0.52
Ratto	Ratto	9 RR0060__	TR030_0400H	16.66	2.59	27.80	28.77	1.31	0.54	28.85	1.97	0.50
Ratto	Ratto	9 RR0060__	TR030_0500H	16.66	2.38	27.80	28.72	1.30	0.55	28.81	1.84	0.48
Ratto	Ratto	8 RR0050_A	TR030_0030H	8.42	4.28	27.43	28.31	1.76	0.70	28.47	2.44	0.55
Ratto	Ratto	8 RR0050_A	TR030_0050H	8.42	4.50	27.43	28.34	1.77	0.69	28.50	2.54	0.56
Ratto	Ratto	8 RR0050_A	TR030_0100H	8.42	4.63	27.43	28.36	1.76	0.68	28.52	2.63	0.57
Ratto	Ratto	8 RR0050_A	TR030_0150H	8.42	4.33	27.43	28.32	1.76	0.69	28.48	2.46	0.55
Ratto	Ratto	8 RR0050_A	TR030_0200H	8.42	3.82	27.43	28.25	1.73	0.71	28.40	2.21	0.52
Ratto	Ratto	8 RR0050_A	TR030_0300H	8.42	3.29	27.43	28.18	1.68	0.72	28.33	1.95	0.48
Ratto	Ratto	8 RR0050_A	TR030_0400H	8.42	2.98	27.43	28.14	1.65	0.73	28.28	1.80	0.46
Ratto	Ratto	8 RR0050_A	TR030_0500H	8.42	2.72	27.43	28.10	1.62	0.73	28.23	1.68	0.44
Ratto	Ratto	5 RR0040_D	TR030_0030H	18.81	4.28	27.15	27.97	1.98	0.85	28.17	2.16	0.49
Ratto	Ratto	5 RR0040_D	TR030_0050H	18.81	4.50	27.15	27.99	2.00	0.85	28.19	2.24	0.50
Ratto	Ratto	5 RR0040_D	TR030_0100H	18.81	4.63	27.15	28.00	2.02	0.85	28.21	2.29	0.51
Ratto	Ratto	5 RR0040_D	TR030_0150H	18.81	4.33	27.15	27.97	1.98	0.85	28.17	2.18	0.49
Ratto	Ratto	5 RR0040_D	TR030_0200H	18.81	3.82	27.15	27.92	1.91	0.84	28.11	1.99	0.47

River	Reach	River Sta		Plan	Length Chnl (m)	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Vel Total (m/s)	Froude # XS	E.G. Elev (m)	Area (m2)	Hydr Radius (m)
Ratto	Ratto	5	RR0040_D	TR030_0300H	18.81	3.29	27.15	27.87	1.83	0.84	28.04	1.80	0.44
Ratto	Ratto	5	RR0040_D	TR030_0400H	18.81	2.98	27.15	27.84	1.78	0.83	28.00	1.67	0.42
Ratto	Ratto	5	RR0040_D	TR030_0500H	18.81	2.72	27.15	27.81	1.73	0.83	27.96	1.57	0.40
Ratto	Ratto	4	RR0030_	TR030_0030H	17.45	4.28	26.54	27.39	1.87	0.80	27.57	2.29	0.49
Ratto	Ratto	4	RR0030_	TR030_0050H	17.45	4.49	26.54	27.41	1.90	0.80	27.60	2.37	0.50
Ratto	Ratto	4	RR0030_	TR030_0100H	17.45	4.62	26.54	27.42	1.91	0.80	27.61	2.42	0.51
Ratto	Ratto	4	RR0030_	TR030_0150H	17.45	4.33	26.54	27.40	1.88	0.80	27.58	2.31	0.49
Ratto	Ratto	4	RR0030_	TR030_0200H	17.45	3.82	26.54	27.35	1.81	0.79	27.51	2.10	0.47
Ratto	Ratto	4	RR0030_	TR030_0300H	17.45	3.29	26.54	27.29	1.74	0.79	27.45	1.89	0.43
Ratto	Ratto	4	RR0030_	TR030_0400H	17.45	2.98	26.54	27.26	1.69	0.79	27.40	1.76	0.41
Ratto	Ratto	4	RR0030_	TR030_0500H	17.45	2.72	26.54	27.23	1.65	0.79	27.37	1.65	0.39
Ratto	Ratto	3	RR0020_A	TR030_0030H	11.25	4.28	25.72	26.61	2.41	1.00	26.90	1.77	0.48
Ratto	Ratto	3	RR0020_A	TR030_0050H	11.25	4.49	25.72	26.63	2.44	1.00	26.93	1.84	0.49
Ratto	Ratto	3	RR0020_A	TR030_0100H	11.25	4.62	25.72	26.64	2.46	1.00	26.95	1.88	0.50
Ratto	Ratto	3	RR0020_A	TR030_0150H	11.25	4.33	25.72	26.61	2.42	1.00	26.91	1.79	0.48
Ratto	Ratto	3	RR0020_A	TR030_0200H	11.25	3.81	25.72	26.56	2.33	1.00	26.84	1.64	0.46
Ratto	Ratto	3	RR0020_A	TR030_0300H	11.25	3.29	25.72	26.50	2.24	1.00	26.76	1.47	0.42
Ratto	Ratto	3	RR0020_A	TR030_0400H	11.25	2.98	25.72	26.47	2.18	1.00	26.71	1.37	0.41
Ratto	Ratto	3	RR0020_A	TR030_0500H	11.25	2.72	25.72	26.44	2.12	1.00	26.67	1.28	0.39
Ratto	Ratto	0.5		TR030_0030H	5.00	4.28	24.59	25.46	2.43	0.88	25.76	1.76	0.45
Ratto	Ratto	0.5		TR030_0050H	5.00	4.49	24.59	25.48	2.47	0.88	25.79	1.82	0.46
Ratto	Ratto	0.5		TR030_0100H	5.00	4.62	24.59	25.50	2.49	0.89	25.81	1.85	0.46
Ratto	Ratto	0.5		TR030_0150H	5.00	4.33	24.59	25.46	2.44	0.88	25.77	1.77	0.45
Ratto	Ratto	0.5		TR030_0200H	5.00	3.81	24.59	25.40	2.34	0.88	25.68	1.63	0.43
Ratto	Ratto	0.5		TR030_0300H	5.00	3.29	24.59	25.33	2.23	0.88	25.58	1.48	0.40
Ratto	Ratto	0.5		TR030_0400H	5.00	2.98	24.59	25.29	2.15	0.88	25.53	1.38	0.39
Ratto	Ratto	0.5		TR030_0500H	5.00	2.72	24.59	25.25	2.08	0.87	25.48	1.30	0.37
Ratto	Ratto	0.1		TR030_0030H		4.28	24.53	25.35	2.59	0.97	25.69	1.65	0.43
Ratto	Ratto	0.1		TR030_0050H		4.49	24.53	25.37	2.63	0.97	25.73	1.71	0.44
Ratto	Ratto	0.1		TR030_0100H		4.62	24.53	25.39	2.65	0.97	25.75	1.75	0.45
Ratto	Ratto	0.1		TR030_0150H		4.33	24.53	25.35	2.60	0.97	25.70	1.67	0.43
Ratto	Ratto	0.1		TR030_0200H		3.81	24.53	25.29	2.50	0.97	25.61	1.52	0.41
Ratto	Ratto	0.1		TR030_0300H		3.29	24.53	25.23	2.39	0.98	25.52	1.37	0.38
Ratto	Ratto	0.1		TR030_0400H		2.98	24.53	25.19	2.32	0.98	25.46	1.28	0.37
Ratto	Ratto	0.1		TR030_0500H		2.72	24.53	25.15	2.26	0.98	25.41	1.20	0.35

3.3.2 TEMPO DI RITORNO 200 ANNI

River	Reach	River Sta		Plan	Length Chnl	Q Total	Min Ch El	W.S. Elev	Vel Total	Froude # XS	E.G. Elev	Area	Hydr Radius
					(m)	(m3/s)	(m)	(m)	(m/s)		(m)	(m2)	(m)
Ratto	Ratto	31	RR0210__	TR200_0030H	13.37	6.91	38.71	39.67	3.21	1.33	40.19	2.15	0.50
Ratto	Ratto	31	RR0210__	TR200_0050H	13.37	8.07	38.71	39.74	3.29	1.32	40.30	2.45	0.54
Ratto	Ratto	31	RR0210__	TR200_0100H	13.37	9.27	38.71	39.83	3.32	1.29	40.39	2.79	0.58
Ratto	Ratto	31	RR0210__	TR200_0150H	13.37	9.53	38.71	39.84	3.35	1.29	40.41	2.85	0.58
Ratto	Ratto	31	RR0210__	TR200_0200H	13.37	8.65	38.71	39.78	3.33	1.32	40.35	2.60	0.56
Ratto	Ratto	31	RR0210__	TR200_0300H	13.37	6.89	38.71	39.66	3.20	1.33	40.19	2.15	0.50
Ratto	Ratto	31	RR0210__	TR200_0400H	13.37	5.65	38.71	39.58	3.07	1.33	40.06	1.84	0.47
Ratto	Ratto	31	RR0210__	TR200_0500H	13.37	4.64	38.71	39.50	2.94	1.33	39.94	1.58	0.43
Ratto	Ratto	30	RR0200_B	TR200_0030H	1.50	6.89	37.49	38.77	2.28	0.82	39.04	3.02	0.63
Ratto	Ratto	30	RR0200_B	TR200_0050H	1.50	8.04	37.49	38.89	2.27	0.85	39.15	3.55	0.60
Ratto	Ratto	30	RR0200_B	TR200_0100H	1.50	9.18	37.49	38.98	2.28	0.81	39.25	4.02	0.65
Ratto	Ratto	30	RR0200_B	TR200_0150H	1.50	9.40	37.49	39.00	2.29	0.81	39.27	4.11	0.66
Ratto	Ratto	30	RR0200_B	TR200_0200H	1.50	8.61	37.49	38.94	2.27	0.83	39.20	3.79	0.62
Ratto	Ratto	30	RR0200_B	TR200_0300H	1.50	6.89	37.49	38.77	2.28	0.82	39.04	3.02	0.63
Ratto	Ratto	30	RR0200_B	TR200_0400H	1.50	5.65	37.49	38.69	2.10	0.78	38.91	2.69	0.59
Ratto	Ratto	30	RR0200_B	TR200_0500H	1.50	4.64	37.49	38.60	1.95	0.75	38.79	2.38	0.56
Ratto	Ratto	29	RR0200_A	TR200_0030H	9.40	6.89	36.92	38.15	2.54	0.88	38.48	2.72	0.63
Ratto	Ratto	29	RR0200_A	TR200_0050H	9.40	8.04	36.92	38.20	2.80	0.95	38.60	2.87	0.64
Ratto	Ratto	29	RR0200_A	TR200_0100H	9.40	9.18	36.92	38.30	2.84	0.93	38.72	3.23	0.68
Ratto	Ratto	29	RR0200_A	TR200_0150H	9.40	9.40	36.92	38.29	2.96	0.98	38.74	3.18	0.68
Ratto	Ratto	29	RR0200_A	TR200_0200H	9.40	8.61	36.92	38.24	2.87	0.97	38.66	3.00	0.66
Ratto	Ratto	29	RR0200_A	TR200_0300H	9.40	6.89	36.92	38.12	2.64	0.92	38.47	2.61	0.61
Ratto	Ratto	29	RR0200_A	TR200_0400H	9.40	5.65	36.92	38.05	2.36	0.85	38.33	2.39	0.59
Ratto	Ratto	29	RR0200_A	TR200_0500H	9.40	4.64	36.92	37.95	2.21	0.83	38.20	2.10	0.55
Ratto	Ratto	28	RR0190__	TR200_0030H	12.87	6.89	36.44	37.90	1.76	0.65	38.06	3.92	0.61
Ratto	Ratto	28	RR0190__	TR200_0050H	12.87	8.04	36.44	37.90	2.06	0.76	38.12	3.90	0.61
Ratto	Ratto	28	RR0190__	TR200_0100H	12.87	9.19	36.44	38.02	2.03	0.74	38.23	4.53	0.63
Ratto	Ratto	28	RR0190__	TR200_0150H	12.87	9.42	36.44	37.98	2.19	0.79	38.22	4.30	0.64
Ratto	Ratto	28	RR0190__	TR200_0200H	12.87	8.61	36.44	37.93	2.12	0.78	38.16	4.05	0.62
Ratto	Ratto	28	RR0190__	TR200_0300H	12.87	6.89	36.44	37.87	1.84	0.69	38.04	3.74	0.60
Ratto	Ratto	28	RR0190__	TR200_0400H	12.87	5.65	36.44	37.83	1.59	0.61	37.96	3.55	0.58
Ratto	Ratto	28	RR0190__	TR200_0500H	12.87	4.64	36.44	37.76	1.46	0.59	37.87	3.18	0.53
Ratto	Ratto	27	RR0180_A	TR200_0030H	4.14	5.91	36.49	37.88	1.17	0.40	37.95	5.05	0.72
Ratto	Ratto	27	RR0180_A	TR200_0050H	4.14	7.29	36.49	37.89	1.43	0.48	37.99	5.10	0.72
Ratto	Ratto	27	RR0180_A	TR200_0100H	4.14	8.06	36.49	37.95	1.49	0.48	38.06	5.43	0.75
Ratto	Ratto	27	RR0180_A	TR200_0150H	4.14	8.29	36.49	37.97	1.50	0.48	38.08	5.54	0.77
Ratto	Ratto	27	RR0180_A	TR200_0200H	4.14	7.73	36.49	37.92	1.47	0.49	38.03	5.26	0.74
Ratto	Ratto	27	RR0180_A	TR200_0300H	4.14	5.91	36.49	37.88	1.17	0.40	37.95	5.05	0.72
Ratto	Ratto	27	RR0180_A	TR200_0400H	4.14	5.18	36.49	37.81	1.11	0.39	37.88	4.67	0.67
Ratto	Ratto	27	RR0180_A	TR200_0500H	4.14	4.39	36.49	37.74	1.04	0.38	37.79	4.23	0.62
Ratto	Ratto	24	RR0170_D	TR200_0030H	71.17	5.18	35.63	36.97	1.89	0.72	37.15	2.74	0.56
Ratto	Ratto	24	RR0170_D	TR200_0050H	71.17	7.05	35.63	36.99	2.50	0.94	37.31	2.83	0.57
Ratto	Ratto	24	RR0170_D	TR200_0100H	71.17	8.06	35.63	37.01	2.76	1.02	37.40	2.92	0.58
Ratto	Ratto	24	RR0170_D	TR200_0150H	71.17	8.29	35.63	37.02	2.79	1.03	37.42	2.97	0.59
Ratto	Ratto	24	RR0170_D	TR200_0200H	71.17	7.73	35.63	36.99	2.71	1.02	37.37	2.85	0.57
Ratto	Ratto	24	RR0170_D	TR200_0300H	71.17	4.98	35.63	36.98	1.79	0.68	37.14	2.77	0.56
Ratto	Ratto	24	RR0170_D	TR200_0400H	71.17	4.80	35.63	36.96	1.77	0.68	37.12	2.70	0.56
Ratto	Ratto	24	RR0170_D	TR200_0500H	71.17	4.39	35.63	36.78	2.12	0.82	37.00	2.08	0.53
Ratto	Ratto	23	RR0160__	TR200_0030H	17.33	5.84	34.05	35.50	2.54	1.17	35.82	2.30	0.35
Ratto	Ratto	23	RR0160__	TR200_0050H	17.33	6.30	34.05	35.57	2.36	1.05	35.86	2.67	0.38
Ratto	Ratto	23	RR0160__	TR200_0100H	17.33	6.62	34.05	35.60	2.37	1.06	35.88	2.80	0.38
Ratto	Ratto	23	RR0160__	TR200_0150H	17.33	6.70	34.05	35.60	2.37	1.06	35.89	2.83	0.38
Ratto	Ratto	23	RR0160__	TR200_0200H	17.33	6.49	34.05	35.59	2.36	1.05	35.87	2.74	0.38
Ratto	Ratto	23	RR0160__	TR200_0300H	17.33	5.88	34.05	35.50	2.52	1.15	35.83	2.33	0.36
Ratto	Ratto	23	RR0160__	TR200_0400H	17.33	5.20	34.05	35.45	2.49	1.21	35.77	2.08	0.32
Ratto	Ratto	23	RR0160__	TR200_0500H	17.33	4.43	34.05	35.34	2.73	1.12	35.72	1.63	0.39
Ratto	Ratto	22.667		TR200_0030H	17.33	5.75	33.67	35.06	2.70	1.02	35.43	2.13	0.47
Ratto	Ratto	22.667		TR200_0050H	17.33	5.89	33.67	35.15	2.36	1.09	35.44	2.49	0.37
Ratto	Ratto	22.667		TR200_0100H	17.33	6.45	33.67	35.23	2.22	1.02	35.48	2.91	0.38
Ratto	Ratto	22.667		TR200_0150H	17.33	6.46	33.67	35.24	2.17	0.99	35.48	2.98	0.38
Ratto	Ratto	22.667		TR200_0200H	17.33	6.20	33.67	35.22	2.16	0.99	35.46	2.86	0.38
Ratto	Ratto	22.667		TR200_0300H	17.33	5.82	33.67	35.08	2.64	1.01	35.44	2.21	0.47
Ratto	Ratto	22.667		TR200_0400H	17.33	5.17	33.67	35.01	2.62	0.98	35.36	1.97	0.47
Ratto	Ratto	22.667		TR200_0500H	17.33	4.43	33.67	34.90	2.58	0.96	35.24	1.72	0.46
Ratto	Ratto	22	RR0150__	TR200_0030H	12.13	6.22	32.90	34.53	1.69	0.65	34.68	3.68	0.53
Ratto	Ratto	22	RR0150__	TR200_0050H	12.13	6.75	32.90	34.60	1.65	0.69	34.74	4.08	0.48
Ratto	Ratto	22	RR0150__	TR200_0100H	12.13	7.29	32.90	34.67	1.58	0.66	34.80	4.63	0.47
Ratto	Ratto	22	RR0150__	TR200_0150H	12.13	7.57	32.90	34.70	1.55	0.63	34.82	4.89	0.50
Ratto	Ratto	22	RR0150__	TR200_0200H	12.13	7.29	32.90	34.67	1.58	0.67	34.79	4.62	0.47
Ratto	Ratto	22	RR0150__	TR200_0300H	12.13	6.57	32.90	34.58	1.67	0.67	34.72	3.93	0.51
Ratto	Ratto	22	RR0150__	TR200_0400H	12.13	5.79	32.90	34.49	1.67	0.62	34.63	3.47	0.56
Ratto	Ratto	22	RR0150__	TR200_0500H	12.13	4.98	32.90	34.41	1.59	0.54	34.54	3.14	0.62
Ratto	Ratto	19	RR0140__	TR200_0030H	17.08	6.22	32.59	33.59	2.54	0.93	33.92	2.45	0.57
Ratto	Ratto	19	RR0140__	TR200_0050H	17.08	6.75	32.59	33.63	2.59	0.93	33.98	2.60	0.58
Ratto	Ratto	19	RR0140__	TR200_0100H	17.08	7.28	32.59	33.69	2.62	0.92	34.04	2.78	0.60
Ratto	Ratto	19	RR0140__	TR200_0150H	17.08	7.56	32.59	33.71	2.63	0.92	34.07	2.87	0.62
Ratto	Ratto	19	RR0140__	TR200_0200H	17.08	7.28	32.59	33.68	2.63	0.93	34.04	2.77	0.60
Ratto	Ratto	19	RR0140__	TR200_0300H	17.08	6.57	32.59	33.62	2.57	0.93	33.96	2.55	0.58
Ratto	Ratto	19	RR0140__	TR200_0400H	17.08	5.79	32.59	33.55	2.49	0.93	33.86	2.33	0.55

River	Reach	River Sta	Plan	Length Chnl (m)	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Vel Total (m/s)	Froude # XS	E.G. Elev (m)	Area (m2)	Hydr Radius (m)
Ratto	Ratto	19 RR0140__	TR200_0500H	17.08	4.98	32.59	33.47	2.38	0.92	33.76	2.09	0.52
Ratto	Ratto	18 RR0130__	TR200_0030H	17.79	6.22	31.55	32.58	2.50	0.95	32.90	2.49	0.58
Ratto	Ratto	18 RR0130__	TR200_0050H	17.79	6.81	31.55	32.63	2.57	0.96	32.97	2.65	0.60
Ratto	Ratto	18 RR0130__	TR200_0100H	17.79	7.80	31.55	32.73	2.55	1.02	33.07	3.06	0.54
Ratto	Ratto	18 RR0130__	TR200_0150H	17.79	8.18	31.55	32.77	2.52	1.06	33.09	3.24	0.50
Ratto	Ratto	18 RR0130__	TR200_0200H	17.79	7.71	31.55	32.71	2.60	1.00	33.06	2.96	0.58
Ratto	Ratto	18 RR0130__	TR200_0300H	17.79	6.66	31.55	32.62	2.56	0.96	32.95	2.61	0.59
Ratto	Ratto	18 RR0130__	TR200_0400H	17.79	5.79	31.55	32.55	2.45	0.95	32.86	2.36	0.56
Ratto	Ratto	18 RR0130__	TR200_0500H	17.79	4.98	31.55	32.48	2.36	0.95	32.76	2.11	0.53
Ratto	Ratto	17 RR0120__	TR200_0030H	17.82	6.20	30.33	31.72	1.33	0.45	31.81	4.65	0.76
Ratto	Ratto	17 RR0120__	TR200_0050H	17.82	6.83	30.33	31.75	1.42	0.48	31.85	4.80	0.78
Ratto	Ratto	17 RR0120__	TR200_0100H	17.82	7.99	30.33	31.81	1.57	0.51	31.93	5.09	0.80
Ratto	Ratto	17 RR0120__	TR200_0150H	17.82	8.39	30.33	31.81	1.64	0.53	31.95	5.12	0.81
Ratto	Ratto	17 RR0120__	TR200_0200H	17.82	7.88	30.33	31.79	1.57	0.51	31.92	5.03	0.80
Ratto	Ratto	17 RR0120__	TR200_0300H	17.82	6.70	30.33	31.74	1.40	0.47	31.84	4.77	0.77
Ratto	Ratto	17 RR0120__	TR200_0400H	17.82	5.79	30.33	31.70	1.28	0.43	31.78	4.53	0.75
Ratto	Ratto	17 RR0120__	TR200_0500H	17.82	4.98	30.33	31.63	1.18	0.41	31.71	4.21	0.72
Ratto	Ratto	16 RR0110__	TR200_0030H	7.39	4.69	29.97	31.68	0.73	0.26	31.71	6.44	0.67
Ratto	Ratto	16 RR0110__	TR200_0050H	7.39	4.81	29.97	31.73	0.71	0.25	31.75	6.81	0.68
Ratto	Ratto	16 RR0110__	TR200_0100H	7.39	4.98	29.97	31.79	0.68	0.23	31.81	7.35	0.73
Ratto	Ratto	16 RR0110__	TR200_0150H	7.39	5.04	29.97	31.82	0.67	0.23	31.84	7.56	0.75
Ratto	Ratto	16 RR0110__	TR200_0200H	7.39	4.97	29.97	31.79	0.68	0.23	31.81	7.33	0.73
Ratto	Ratto	16 RR0110__	TR200_0300H	7.39	4.79	29.97	31.72	0.71	0.26	31.74	6.74	0.68
Ratto	Ratto	16 RR0110__	TR200_0400H	7.39	4.60	29.97	31.65	0.74	0.26	31.68	6.20	0.69
Ratto	Ratto	16 RR0110__	TR200_0500H	7.39	4.39	29.97	31.58	0.77	0.26	31.61	5.69	0.73
Ratto	Ratto	13 RR0100__	TR200_0030H	15.00	4.69	29.69	30.86	2.10	0.82	31.08	2.23	0.51
Ratto	Ratto	13 RR0100__	TR200_0050H	15.00	4.81	29.69	30.86	2.13	0.84	31.10	2.26	0.51
Ratto	Ratto	13 RR0100__	TR200_0100H	15.00	4.97	29.69	30.89	2.10	0.83	31.12	2.36	0.51
Ratto	Ratto	13 RR0100__	TR200_0150H	15.00	5.04	29.69	30.90	2.11	0.84	31.13	2.38	0.50
Ratto	Ratto	13 RR0100__	TR200_0200H	15.00	4.97	29.69	30.89	2.12	0.84	31.12	2.35	0.51
Ratto	Ratto	13 RR0100__	TR200_0300H	15.00	4.79	29.69	30.86	2.13	0.84	31.09	2.25	0.51
Ratto	Ratto	13 RR0100__	TR200_0400H	15.00	4.60	29.69	30.84	2.12	0.83	31.07	2.17	0.51
Ratto	Ratto	13 RR0100__	TR200_0500H	15.00	4.39	29.69	30.80	2.12	0.82	31.03	2.07	0.52
Ratto	Ratto	12 RR0090__	TR200_0030H	58.04	4.69	29.10	30.32	1.93	0.79	30.51	2.42	0.49
Ratto	Ratto	12 RR0090__	TR200_0050H	58.04	4.81	29.10	30.33	1.96	0.80	30.52	2.45	0.49
Ratto	Ratto	12 RR0090__	TR200_0100H	58.04	4.97	29.10	30.35	1.97	0.79	30.54	2.53	0.51
Ratto	Ratto	12 RR0090__	TR200_0150H	58.04	5.03	29.10	30.35	1.98	0.80	30.55	2.54	0.51
Ratto	Ratto	12 RR0090__	TR200_0200H	58.04	4.97	29.10	30.34	1.98	0.80	30.54	2.51	0.50
Ratto	Ratto	12 RR0090__	TR200_0300H	58.04	4.79	29.10	30.33	1.96	0.80	30.52	2.45	0.49
Ratto	Ratto	12 RR0090__	TR200_0400H	58.04	4.60	29.10	30.31	1.94	0.80	30.50	2.37	0.48
Ratto	Ratto	12 RR0090__	TR200_0500H	58.04	4.39	29.10	30.29	1.92	0.81	30.47	2.29	0.47
Ratto	Ratto	11 RR0080__	TR200_0030H	17.90	4.68	28.70	29.78	1.81	0.71	29.95	2.59	0.55
Ratto	Ratto	11 RR0080__	TR200_0050H	17.90	4.79	28.70	29.78	1.84	0.73	29.96	2.60	0.55
Ratto	Ratto	11 RR0080__	TR200_0100H	17.90	4.95	28.70	29.79	1.88	0.74	29.97	2.64	0.55
Ratto	Ratto	11 RR0080__	TR200_0150H	17.90	5.03	28.70	29.78	1.93	0.76	29.97	2.60	0.55
Ratto	Ratto	11 RR0080__	TR200_0200H	17.90	4.97	28.70	29.77	1.95	0.77	29.96	2.54	0.55
Ratto	Ratto	11 RR0080__	TR200_0300H	17.90	4.79	28.70	29.74	1.97	0.78	29.94	2.43	0.55
Ratto	Ratto	11 RR0080__	TR200_0400H	17.90	4.60	28.70	29.71	1.97	0.78	29.91	2.34	0.54
Ratto	Ratto	11 RR0080__	TR200_0500H	17.90	4.39	28.70	29.69	1.95	0.79	29.88	2.25	0.53
Ratto	Ratto	10 RR0070__	TR200_0030H	19.91	4.52	28.13	29.45	1.34	0.54	29.54	3.37	0.51
Ratto	Ratto	10 RR0070__	TR200_0050H	19.91	4.76	28.13	29.48	1.34	0.53	29.57	3.54	0.53
Ratto	Ratto	10 RR0070__	TR200_0100H	19.91	4.86	28.13	29.40	1.55	0.58	29.52	3.14	0.58
Ratto	Ratto	10 RR0070__	TR200_0150H	19.91	5.01	28.13	29.40	1.61	0.60	29.53	3.12	0.59
Ratto	Ratto	10 RR0070__	TR200_0200H	19.91	4.95	28.13	29.38	1.62	0.60	29.51	3.05	0.59
Ratto	Ratto	10 RR0070__	TR200_0300H	19.91	4.79	28.13	29.31	1.71	0.60	29.46	2.80	0.63
Ratto	Ratto	10 RR0070__	TR200_0400H	19.91	4.60	28.13	29.27	1.73	0.62	29.42	2.67	0.61
Ratto	Ratto	10 RR0070__	TR200_0500H	19.91	4.39	28.13	29.24	1.71	0.62	29.39	2.56	0.60
Ratto	Ratto	9 RR0060__	TR200_0030H	16.66	4.45	27.80	29.34	1.01	0.35	29.39	4.41	0.68
Ratto	Ratto	9 RR0060__	TR200_0050H	16.66	4.73	27.80	29.39	1.02	0.34	29.44	4.64	0.71
Ratto	Ratto	9 RR0060__	TR200_0100H	16.66	4.74	27.80	29.25	1.20	0.44	29.33	3.94	0.63
Ratto	Ratto	9 RR0060__	TR200_0150H	16.66	4.91	27.80	29.23	1.27	0.47	29.32	3.86	0.62
Ratto	Ratto	9 RR0060__	TR200_0200H	16.66	4.93	27.80	29.20	1.33	0.50	29.29	3.70	0.60
Ratto	Ratto	9 RR0060__	TR200_0300H	16.66	4.79	27.80	29.14	1.41	0.54	29.25	3.40	0.58
Ratto	Ratto	9 RR0060__	TR200_0400H	16.66	4.60	27.80	29.08	1.49	0.54	29.19	3.09	0.63
Ratto	Ratto	9 RR0060__	TR200_0500H	16.66	4.39	27.80	29.04	1.49	0.54	29.15	2.94	0.62
Ratto	Ratto	8 RR0050_A	TR200_0030H	8.42	6.65	27.43	28.90	1.34	0.41	28.99	4.97	0.83
Ratto	Ratto	8 RR0050_A	TR200_0050H	8.42	6.69	27.43	28.91	1.34	0.41	29.00	5.01	0.83
Ratto	Ratto	8 RR0050_A	TR200_0100H	8.42	6.22	27.43	28.82	1.36	0.44	28.91	4.57	0.79
Ratto	Ratto	8 RR0050_A	TR200_0150H	8.42	6.01	27.43	28.78	1.37	0.45	28.87	4.39	0.77
Ratto	Ratto	8 RR0050_A	TR200_0200H	8.42	5.85	27.43	28.76	1.36	0.45	28.86	4.32	0.76
Ratto	Ratto	8 RR0050_A	TR200_0300H	8.42	5.47	27.43	28.72	1.32	0.44	28.81	4.13	0.74
Ratto	Ratto	8 RR0050_A	TR200_0400H	8.42	5.15	27.43	28.69	1.29	0.44	28.78	3.98	0.73
Ratto	Ratto	8 RR0050_A	TR200_0500H	8.42	4.86	27.43	28.66	1.26	0.43	28.74	3.85	0.71
Ratto	Ratto	5 RR0040_D	TR200_0030H	18.81	6.65	27.15	28.17	2.23	0.86	28.42	2.98	0.60
Ratto	Ratto	5 RR0040_D	TR200_0050H	18.81	6.69	27.15	28.17	2.25	0.87	28.42	2.98	0.60
Ratto	Ratto	5 RR0040_D	TR200_0100H	18.81	6.22	27.15	28.13	2.19	0.86	28.38	2.84	0.58
Ratto	Ratto	5 RR0040_D	TR200_0150H	18.81	6.01	27.15	28.11	2.18	0.86	28.36	2.75	0.57
Ratto	Ratto	5 RR0040_D	TR200_0200H	18.81	5.85	27.15	28.10	2.17	0.86	28.34	2.70	0.56

River	Reach	River Sta		Plan	Length Chnl (m)	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Vel Total (m/s)	Froude # XS	E.G. Elev (m)	Area (m2)	Hydr Radius (m)
Ratto	Ratto	5	RR0040_D	TR200_0300H	18.81	5.47	27.15	28.07	2.13	0.86	28.30	2.57	0.55
Ratto	Ratto	5	RR0040_D	TR200_0400H	18.81	5.15	27.15	28.05	2.08	0.85	28.27	2.47	0.53
Ratto	Ratto	5	RR0040_D	TR200_0500H	18.81	4.86	27.15	28.02	2.05	0.85	28.23	2.37	0.52
Ratto	Ratto	4	RR0030_	TR200_0030H	17.45	6.64	26.54	27.60	2.10	0.80	27.82	3.17	0.60
Ratto	Ratto	4	RR0030_	TR200_0050H	17.45	6.68	26.54	27.61	2.07	0.78	27.83	3.23	0.61
Ratto	Ratto	4	RR0030_	TR200_0100H	17.45	6.22	26.54	27.56	2.06	0.80	27.78	3.01	0.59
Ratto	Ratto	4	RR0030_	TR200_0150H	17.45	6.01	26.54	27.55	2.02	0.78	27.76	2.97	0.58
Ratto	Ratto	4	RR0030_	TR200_0200H	17.45	5.85	26.54	27.54	2.01	0.78	27.75	2.91	0.57
Ratto	Ratto	4	RR0030_	TR200_0300H	17.45	5.47	26.54	27.51	1.97	0.78	27.71	2.77	0.56
Ratto	Ratto	4	RR0030_	TR200_0400H	17.45	5.15	26.54	27.47	1.97	0.80	27.67	2.62	0.54
Ratto	Ratto	4	RR0030_	TR200_0500H	17.45	4.86	26.54	27.45	1.94	0.80	27.64	2.51	0.52
Ratto	Ratto	3	RR0020_A	TR200_0030H	11.25	6.64	25.72	26.82	2.72	1.00	27.20	2.45	0.58
Ratto	Ratto	3	RR0020_A	TR200_0050H	11.25	6.68	25.72	26.83	2.72	1.00	27.20	2.46	0.58
Ratto	Ratto	3	RR0020_A	TR200_0100H	11.25	6.22	25.72	26.79	2.67	1.00	27.15	2.33	0.57
Ratto	Ratto	3	RR0020_A	TR200_0150H	11.25	6.01	25.72	26.77	2.64	1.00	27.13	2.27	0.56
Ratto	Ratto	3	RR0020_A	TR200_0200H	11.25	5.85	25.72	26.76	2.62	1.00	27.11	2.23	0.55
Ratto	Ratto	3	RR0020_A	TR200_0300H	11.25	5.47	25.72	26.72	2.58	1.00	27.06	2.12	0.53
Ratto	Ratto	3	RR0020_A	TR200_0400H	11.25	5.15	25.72	26.69	2.54	1.00	27.02	2.03	0.52
Ratto	Ratto	3	RR0020_A	TR200_0500H	11.25	4.86	25.72	26.67	2.49	1.00	26.98	1.95	0.51
Ratto	Ratto	0.5		TR200_0030H	5.00	6.64	24.59	25.73	2.79	0.88	26.12	2.38	0.53
Ratto	Ratto	0.5		TR200_0050H	5.00	6.68	24.59	25.73	2.79	0.88	26.13	2.39	0.53
Ratto	Ratto	0.5		TR200_0100H	5.00	6.22	24.59	25.68	2.73	0.88	26.06	2.28	0.52
Ratto	Ratto	0.5		TR200_0150H	5.00	6.01	24.59	25.66	2.70	0.88	26.03	2.22	0.51
Ratto	Ratto	0.5		TR200_0200H	5.00	5.85	24.59	25.64	2.68	0.88	26.00	2.18	0.51
Ratto	Ratto	0.5		TR200_0300H	5.00	5.47	24.59	25.59	2.63	0.88	25.95	2.08	0.49
Ratto	Ratto	0.5		TR200_0400H	5.00	5.15	24.59	25.56	2.58	0.89	25.90	2.00	0.48
Ratto	Ratto	0.5		TR200_0500H	5.00	4.86	24.59	25.52	2.53	0.89	25.85	1.92	0.47
Ratto	Ratto	0.1		TR200_0030H		6.64	24.53	25.62	2.93	0.95	26.05	2.27	0.52
Ratto	Ratto	0.1		TR200_0050H		6.68	24.53	25.62	2.93	0.95	26.06	2.28	0.52
Ratto	Ratto	0.1		TR200_0100H		6.22	24.53	25.57	2.88	0.95	25.99	2.16	0.51
Ratto	Ratto	0.1		TR200_0150H		6.01	24.53	25.55	2.85	0.95	25.96	2.11	0.50
Ratto	Ratto	0.1		TR200_0200H		5.85	24.53	25.53	2.83	0.96	25.94	2.07	0.49
Ratto	Ratto	0.1		TR200_0300H		5.47	24.53	25.49	2.78	0.96	25.88	1.97	0.48
Ratto	Ratto	0.1		TR200_0400H		5.15	24.53	25.45	2.73	0.96	25.83	1.89	0.47
Ratto	Ratto	0.1		TR200_0500H		4.86	24.53	25.42	2.68	0.96	25.78	1.81	0.46

4 TABULATI VERIFICHE IDRAULICHE MODELLO 3

4.1 RIO GRANCHIAIA

4.1.1 TEMPO DI RITORNO 30 ANNI

River	Reach	River Sta		Plan	Length Chnl (m)	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Vel Total (m/s)	Froude # XS	E.G. Elev (m)	Area (m2)	Hydr Radius (m)
Granchiaia	Granchiaia	9	GR0020__	TR030_0030H	9.40	2.85	30.05	30.94	2.44	1.14	31.24	1.16	0.34
Granchiaia	Granchiaia	9	GR0020__	TR030_0050H	9.40	4.14	30.05	31.22	2.10	0.87	31.45	1.97	0.45
Granchiaia	Granchiaia	9	GR0020__	TR030_0100H	9.40	5.33	30.05	31.48	1.84	0.69	31.65	2.91	0.55
Granchiaia	Granchiaia	9	GR0020__	TR030_0150H	9.40	5.11	30.05	31.45	1.82	0.69	31.62	2.81	0.54
Granchiaia	Granchiaia	9	GR0020__	TR030_0200H	9.40	4.54	30.05	31.35	1.86	0.73	31.53	2.44	0.50
Granchiaia	Granchiaia	9	GR0020__	TR030_0300H	9.40	3.89	30.05	31.14	2.26	0.96	31.40	1.72	0.42
Granchiaia	Granchiaia	9	GR0020__	TR030_0400H	9.40	3.40	30.05	31.03	2.45	1.09	31.33	1.39	0.38
Granchiaia	Granchiaia	9	GR0020__	TR030_0500H	9.40	3.34	30.05	31.01	2.46	1.10	31.32	1.36	0.37
Granchiaia	Granchiaia	8	GR0018_A	TR030_0030H	2.00	2.85	29.15	30.43	0.71	0.24	30.45	4.03	0.73
Granchiaia	Granchiaia	8	GR0018_A	TR030_0050H	2.00	4.13	29.15	31.06	0.57	0.16	31.08	7.26	1.00
Granchiaia	Granchiaia	8	GR0018_A	TR030_0100H	2.00	4.82	29.15	31.44	0.51	0.13	31.45	9.46	1.17
Granchiaia	Granchiaia	8	GR0018_A	TR030_0150H	2.00	4.72	29.15	31.41	0.51	0.13	31.42	9.30	1.16
Granchiaia	Granchiaia	8	GR0018_A	TR030_0200H	2.00	4.44	29.15	31.29	0.52	0.14	31.30	8.58	1.10
Granchiaia	Granchiaia	8	GR0018_A	TR030_0300H	2.00	3.88	29.15	30.89	0.61	0.18	30.91	6.33	0.93
Granchiaia	Granchiaia	8	GR0018_A	TR030_0400H	2.00	3.40	29.15	30.61	0.69	0.22	30.64	4.90	0.81
Granchiaia	Granchiaia	8	GR0018_A	TR030_0500H	2.00	3.30	29.15	30.60	0.68	0.22	30.63	4.85	0.81
Granchiaia	Granchiaia	5	GR0012_D	TR030_0030H	7.98	2.85	29.03	30.10	1.41	0.56	30.20	2.03	0.52
Granchiaia	Granchiaia	5	GR0012_D	TR030_0050H	7.98	4.13	29.03	30.26	1.62	0.59	30.39	2.55	0.60
Granchiaia	Granchiaia	5	GR0012_D	TR030_0100H	7.98	4.82	29.03	30.34	1.72	0.61	30.49	2.80	0.63
Granchiaia	Granchiaia	5	GR0012_D	TR030_0150H	7.98	4.72	29.03	30.33	1.71	0.61	30.47	2.77	0.62
Granchiaia	Granchiaia	5	GR0012_D	TR030_0200H	7.98	4.44	29.03	30.30	1.67	0.60	30.44	2.67	0.61
Granchiaia	Granchiaia	5	GR0012_D	TR030_0300H	7.98	3.88	29.03	30.23	1.58	0.59	30.36	2.45	0.58
Granchiaia	Granchiaia	5	GR0012_D	TR030_0400H	7.98	3.40	29.03	30.17	1.50	0.57	30.29	2.26	0.56
Granchiaia	Granchiaia	5	GR0012_D	TR030_0500H	7.98	3.35	29.03	30.17	1.50	0.57	30.28	2.24	0.55
Granchiaia	Granchiaia	4	GR0011__	TR030_0030H	8.26	2.85	28.82	29.66	2.91	1.41	30.09	0.98	0.35
Granchiaia	Granchiaia	4	GR0011__	TR030_0050H	8.26	4.13	28.82	29.79	3.22	1.43	30.32	1.28	0.41
Granchiaia	Granchiaia	4	GR0011__	TR030_0100H	8.26	4.82	28.82	29.85	3.37	1.44	30.43	1.43	0.43
Granchiaia	Granchiaia	4	GR0011__	TR030_0150H	8.26	4.72	28.82	29.84	3.35	1.44	30.41	1.41	0.43
Granchiaia	Granchiaia	4	GR0011__	TR030_0200H	8.26	4.44	28.82	29.82	3.29	1.43	30.37	1.35	0.42
Granchiaia	Granchiaia	4	GR0011__	TR030_0300H	8.26	3.88	28.82	29.77	3.17	1.42	30.28	1.23	0.39
Granchiaia	Granchiaia	4	GR0011__	TR030_0400H	8.26	3.40	28.82	29.72	3.05	1.41	30.19	1.12	0.37
Granchiaia	Granchiaia	4	GR0011__	TR030_0500H	8.26	3.35	28.82	29.71	3.04	1.41	30.18	1.10	0.37
Granchiaia	Granchiaia	3	GR0010__	TR030_0030H	8.16	2.85	27.62	28.57	1.06	0.48	28.63	2.68	0.48
Granchiaia	Granchiaia	3	GR0010__	TR030_0050H	8.16	4.13	27.62	28.72	1.16	0.48	28.79	3.55	0.56
Granchiaia	Granchiaia	3	GR0010__	TR030_0100H	8.16	4.81	27.62	28.79	1.21	0.48	28.87	3.97	0.60
Granchiaia	Granchiaia	3	GR0010__	TR030_0150H	8.16	4.72	27.62	28.78	1.21	0.48	28.86	3.91	0.59
Granchiaia	Granchiaia	3	GR0010__	TR030_0200H	8.16	4.44	27.62	28.76	1.19	0.48	28.83	3.74	0.58
Granchiaia	Granchiaia	3	GR0010__	TR030_0300H	8.16	3.89	27.62	28.70	1.15	0.48	28.76	3.40	0.54
Granchiaia	Granchiaia	3	GR0010__	TR030_0400H	8.16	3.40	27.62	28.64	1.11	0.48	28.70	3.07	0.51
Granchiaia	Granchiaia	3	GR0010__	TR030_0500H	8.16	3.34	27.62	28.63	1.10	0.48	28.69	3.03	0.51
Granchiaia	Granchiaia	2	GR0009__	TR030_0030H	9.59	2.85	27.26	28.12	2.52	1.19	28.44	1.13	0.37
Granchiaia	Granchiaia	2	GR0009__	TR030_0050H	9.59	4.13	27.26	28.25	2.79	1.23	28.65	1.48	0.43
Granchiaia	Granchiaia	2	GR0009__	TR030_0100H	9.59	4.81	27.26	28.31	2.91	1.24	28.74	1.66	0.45
Granchiaia	Granchiaia	2	GR0009__	TR030_0150H	9.59	4.72	27.26	28.30	2.89	1.24	28.73	1.63	0.45
Granchiaia	Granchiaia	2	GR0009__	TR030_0200H	9.59	4.44	27.26	28.28	2.85	1.23	28.69	1.56	0.44
Granchiaia	Granchiaia	2	GR0009__	TR030_0300H	9.59	3.88	27.26	28.23	2.75	1.22	28.61	1.41	0.42
Granchiaia	Granchiaia	2	GR0009__	TR030_0400H	9.59	3.40	27.26	28.18	2.65	1.21	28.54	1.28	0.40
Granchiaia	Granchiaia	2	GR0009__	TR030_0500H	9.59	3.34	27.26	28.17	2.64	1.21	28.53	1.27	0.39
Granchiaia	Granchiaia	1	GR0008__	TR030_0030H		2.85	26.09	26.98	2.31	1.00	27.25	1.23	0.41
Granchiaia	Granchiaia	1	GR0008__	TR030_0050H		4.13	26.09	27.14	2.54	1.01	27.47	1.62	0.48
Granchiaia	Granchiaia	1	GR0008__	TR030_0100H		4.81	26.09	27.22	2.65	1.01	27.58	1.82	0.50
Granchiaia	Granchiaia	1	GR0008__	TR030_0150H		4.72	26.09	27.21	2.63	1.01	27.56	1.79	0.50
Granchiaia	Granchiaia	1	GR0008__	TR030_0200H		4.44	26.09	27.18	2.59	1.01	27.52	1.71	0.49
Granchiaia	Granchiaia	1	GR0008__	TR030_0300H		3.88	26.09	27.11	2.50	1.01	27.43	1.55	0.46
Granchiaia	Granchiaia	1	GR0008__	TR030_0400H		3.40	26.09	27.05	2.42	1.00	27.35	1.40	0.44
Granchiaia	Granchiaia	1	GR0008__	TR030_0500H		3.34	26.09	27.05	2.41	1.00	27.34	1.39	0.44

4.1.2 TEMPO DI RITORNO 200 ANNI

River	Reach	River Sta		Plan	Length Chnl (m)	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Vel Total (m/s)	Froude # XS	E.G. Elev (m)	Area (m2)	Hydr Radius (m)
Granchiaia	Granchiaia	9	GR0020__	TR200_0030H	9.40	7.53	30.05	31.65	2.06	0.72	31.87	3.65	0.63
Granchiaia	Granchiaia	9	GR0020__	TR200_0050H	9.40	9.37	30.05	31.73	2.34	0.79	32.01	4.00	0.67
Granchiaia	Granchiaia	9	GR0020__	TR200_0100H	9.40	11.18	30.05	31.82	2.55	0.83	32.15	4.39	0.70
Granchiaia	Granchiaia	9	GR0020__	TR200_0150H	9.40	11.17	30.05	31.82	2.54	0.83	32.15	4.40	0.70
Granchiaia	Granchiaia	9	GR0020__	TR200_0200H	9.40	10.47	30.05	31.78	2.48	0.82	32.10	4.22	0.69
Granchiaia	Granchiaia	9	GR0020__	TR200_0300H	9.40	8.52	30.05	31.70	2.21	0.75	31.95	3.86	0.65
Granchiaia	Granchiaia	9	GR0020__	TR200_0400H	9.40	7.03	30.05	31.62	2.01	0.71	31.83	3.50	0.62
Granchiaia	Granchiaia	9	GR0020__	TR200_0500H	9.40	5.89	30.05	31.53	1.88	0.69	31.71	3.13	0.58
Granchiaia	Granchiaia	8	GR0018_A	TR200_0030H	2.00	5.96	29.15	31.62	0.56	0.13	31.64	10.55	1.25
Granchiaia	Granchiaia	8	GR0018_A	TR200_0050H	2.00	6.14	29.15	31.65	0.57	0.14	31.66	10.69	1.26
Granchiaia	Granchiaia	8	GR0018_A	TR200_0100H	2.00	8.70	29.15	31.72	0.78	0.18	31.75	11.09	1.29
Granchiaia	Granchiaia	8	GR0018_A	TR200_0150H	2.00	8.72	29.15	31.72	0.79	0.18	31.75	11.11	1.29
Granchiaia	Granchiaia	8	GR0018_A	TR200_0200H	2.00	8.39	29.15	31.68	0.77	0.18	31.71	10.88	1.27
Granchiaia	Granchiaia	8	GR0018_A	TR200_0300H	2.00	6.14	29.15	31.65	0.57	0.14	31.67	10.70	1.26
Granchiaia	Granchiaia	8	GR0018_A	TR200_0400H	2.00	5.69	29.15	31.59	0.55	0.13	31.60	10.34	1.24
Granchiaia	Granchiaia	8	GR0018_A	TR200_0500H	2.00	5.12	29.15	31.50	0.52	0.13	31.51	9.81	1.20
Granchiaia	Granchiaia	5	GR0012_D	TR200_0030H	7.98	5.95	29.03	30.44	1.87	0.64	30.62	3.18	0.67
Granchiaia	Granchiaia	5	GR0012_D	TR200_0050H	7.98	7.65	29.03	30.58	2.06	0.67	30.80	3.71	0.73
Granchiaia	Granchiaia	5	GR0012_D	TR200_0100H	7.98	8.69	29.03	30.67	2.16	0.68	30.90	4.03	0.76
Granchiaia	Granchiaia	5	GR0012_D	TR200_0150H	7.98	8.72	29.03	30.67	2.16	0.68	30.91	4.03	0.76
Granchiaia	Granchiaia	5	GR0012_D	TR200_0200H	7.98	8.38	29.03	30.64	2.13	0.68	30.87	3.94	0.75
Granchiaia	Granchiaia	5	GR0012_D	TR200_0300H	7.98	6.81	29.03	30.51	1.98	0.66	30.71	3.44	0.70
Granchiaia	Granchiaia	5	GR0012_D	TR200_0400H	7.98	5.69	29.03	30.42	1.84	0.63	30.59	3.10	0.66
Granchiaia	Granchiaia	5	GR0012_D	TR200_0500H	7.98	5.11	29.03	30.37	1.76	0.62	30.52	2.90	0.64
Granchiaia	Granchiaia	4	GR0011__	TR200_0030H	8.26	5.93	28.82	29.93	3.58	1.46	30.59	1.66	0.47
Granchiaia	Granchiaia	4	GR0011__	TR200_0050H	8.26	7.62	28.82	30.05	3.84	1.48	30.81	1.98	0.52
Granchiaia	Granchiaia	4	GR0011__	TR200_0100H	8.26	8.69	28.82	30.12	3.98	1.48	30.93	2.18	0.54
Granchiaia	Granchiaia	4	GR0011__	TR200_0150H	8.26	8.71	28.82	30.12	3.98	1.48	30.93	2.19	0.54
Granchiaia	Granchiaia	4	GR0011__	TR200_0200H	8.26	8.38	28.82	30.10	3.94	1.48	30.89	2.13	0.54
Granchiaia	Granchiaia	4	GR0011__	TR200_0300H	8.26	6.73	28.82	29.99	3.71	1.46	30.69	1.81	0.49
Granchiaia	Granchiaia	4	GR0011__	TR200_0400H	8.26	5.68	28.82	29.92	3.53	1.45	30.55	1.61	0.46
Granchiaia	Granchiaia	4	GR0011__	TR200_0500H	8.26	5.11	28.82	29.87	3.43	1.44	30.47	1.49	0.44
Granchiaia	Granchiaia	3	GR0010__	TR200_0030H	8.16	5.93	27.62	28.89	1.29	0.50	28.98	4.60	0.63
Granchiaia	Granchiaia	3	GR0010__	TR200_0050H	8.16	7.59	27.62	29.03	1.36	0.51	29.12	5.60	0.66
Granchiaia	Granchiaia	3	GR0010__	TR200_0100H	8.16	8.69	27.62	29.11	1.39	0.51	29.20	6.23	0.71
Granchiaia	Granchiaia	3	GR0010__	TR200_0150H	8.16	8.71	27.62	29.11	1.40	0.51	29.21	6.25	0.71
Granchiaia	Granchiaia	3	GR0010__	TR200_0200H	8.16	8.30	27.62	29.09	1.35	0.50	29.19	6.14	0.70
Granchiaia	Granchiaia	3	GR0010__	TR200_0300H	8.16	6.73	27.62	29.00	1.24	0.47	29.08	5.43	0.65
Granchiaia	Granchiaia	3	GR0010__	TR200_0400H	8.16	5.64	27.62	28.90	1.20	0.47	28.98	4.68	0.63
Granchiaia	Granchiaia	3	GR0010__	TR200_0500H	8.16	5.11	27.62	28.82	1.24	0.48	28.90	4.14	0.61
Granchiaia	Granchiaia	2	GR0009__	TR200_0030H	9.59	5.92	27.26	28.40	3.06	1.25	28.88	1.93	0.49
Granchiaia	Granchiaia	2	GR0009__	TR200_0050H	9.59	7.58	27.26	28.53	3.24	1.26	29.06	2.34	0.54
Granchiaia	Granchiaia	2	GR0009__	TR200_0100H	9.59	8.69	27.26	28.60	3.33	1.26	29.17	2.61	0.57
Granchiaia	Granchiaia	2	GR0009__	TR200_0150H	9.59	8.71	27.26	28.60	3.34	1.26	29.17	2.61	0.57
Granchiaia	Granchiaia	2	GR0009__	TR200_0200H	9.59	8.48	27.26	28.59	3.32	1.26	29.15	2.56	0.57
Granchiaia	Granchiaia	2	GR0009__	TR200_0300H	9.59	7.25	27.26	28.50	3.21	1.26	29.03	2.26	0.53
Granchiaia	Granchiaia	2	GR0009__	TR200_0400H	9.59	6.01	27.26	28.41	3.07	1.25	28.89	1.96	0.50
Granchiaia	Granchiaia	2	GR0009__	TR200_0500H	9.59	5.11	27.26	28.34	2.95	1.24	28.78	1.73	0.47
Granchiaia	Granchiaia	1	GR0008__	TR200_0030H		5.92	26.09	27.33	2.79	1.02	27.73	2.12	0.55
Granchiaia	Granchiaia	1	GR0008__	TR200_0050H		7.58	26.09	27.48	2.97	1.03	27.93	2.55	0.60
Granchiaia	Granchiaia	1	GR0008__	TR200_0100H		8.69	26.09	27.57	3.07	1.03	28.05	2.83	0.63
Granchiaia	Granchiaia	1	GR0008__	TR200_0150H		8.71	26.09	27.57	3.08	1.03	28.06	2.83	0.63
Granchiaia	Granchiaia	1	GR0008__	TR200_0200H		8.48	26.09	27.56	3.05	1.03	28.03	2.78	0.63
Granchiaia	Granchiaia	1	GR0008__	TR200_0300H		7.25	26.09	27.45	2.94	1.03	27.89	2.47	0.59
Granchiaia	Granchiaia	1	GR0008__	TR200_0400H		6.01	26.09	27.34	2.80	1.02	27.74	2.14	0.55
Granchiaia	Granchiaia	1	GR0008__	TR200_0500H		5.11	26.09	27.25	2.69	1.01	27.62	1.90	0.52

4.2 BORRO DELLA BADIA

4.2.1 TEMPO DI RITORNO 30 ANNI

River	Reach	River Sta	Plan	Length Chnl (m)	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Vel Total (m/s)	Froude # XS	E.G. Elev (m)	Area (m2)	Hydr Radius (m)
Affluente_Badia	Affluente_Badia	8 AB0050	TR030_0030H	4.94	0.49	36.78	37.12	1.43	1.08	37.22	0.34	0.16
Affluente_Badia	Affluente_Badia	8 AB0050	TR030_0050H	4.94	0.71	36.78	37.18	1.53	1.10	37.29	0.46	0.18
Affluente_Badia	Affluente_Badia	8 AB0050	TR030_0100H	4.94	0.80	36.78	37.20	1.57	1.10	37.32	0.51	0.19
Affluente_Badia	Affluente_Badia	8 AB0050	TR030_0150H	4.94	0.74	36.78	37.18	1.54	1.10	37.30	0.48	0.18
Affluente_Badia	Affluente_Badia	8 AB0050	TR030_0200H	4.94	0.64	36.78	37.16	1.50	1.09	37.27	0.43	0.17
Affluente_Badia	Affluente_Badia	8 AB0050	TR030_0300H	4.94	0.56	36.78	37.14	1.46	1.09	37.25	0.38	0.17
Affluente_Badia	Affluente_Badia	8 AB0050	TR030_0400H	4.94	0.50	36.78	37.12	1.43	1.08	37.23	0.35	0.16
Affluente_Badia	Affluente_Badia	8 AB0050	TR030_0500H	4.94	0.46	36.78	37.11	1.41	1.08	37.21	0.33	0.16
Affluente_Badia	Affluente_Badia	7 AB0040	TR030_0030H	0.99	0.49	35.84	36.18	1.62	1.07	36.31	0.30	0.20
Affluente_Badia	Affluente_Badia	7 AB0040	TR030_0050H	0.99	0.71	35.84	36.25	1.79	1.08	36.41	0.39	0.23
Affluente_Badia	Affluente_Badia	7 AB0040	TR030_0100H	0.99	0.80	35.84	36.27	1.85	1.08	36.45	0.43	0.24
Affluente_Badia	Affluente_Badia	7 AB0040	TR030_0150H	0.99	0.74	35.84	36.26	1.81	1.08	36.42	0.41	0.23
Affluente_Badia	Affluente_Badia	7 AB0040	TR030_0200H	0.99	0.64	35.84	36.23	1.75	1.08	36.38	0.37	0.22
Affluente_Badia	Affluente_Badia	7 AB0040	TR030_0300H	0.99	0.56	35.84	36.20	1.68	1.07	36.35	0.33	0.21
Affluente_Badia	Affluente_Badia	7 AB0040	TR030_0400H	0.99	0.50	35.84	36.18	1.63	1.07	36.32	0.31	0.20
Affluente_Badia	Affluente_Badia	7 AB0040	TR030_0500H	0.99	0.46	35.84	36.17	1.60	1.06	36.30	0.29	0.19
Affluente_Badia	Affluente_Badia	6 AB0030_A	TR030_0030H	2.29	0.49	34.49	35.41	0.40	0.18	35.42	1.21	0.38
Affluente_Badia	Affluente_Badia	6 AB0030_A	TR030_0050H	2.29	0.70	34.49	35.49	0.50	0.21	35.50	1.40	0.40
Affluente_Badia	Affluente_Badia	6 AB0030_A	TR030_0100H	2.29	0.78	34.49	35.52	0.53	0.22	35.53	1.46	0.41
Affluente_Badia	Affluente_Badia	6 AB0030_A	TR030_0150H	2.29	0.73	34.49	35.50	0.51	0.22	35.51	1.42	0.40
Affluente_Badia	Affluente_Badia	6 AB0030_A	TR030_0200H	2.29	0.64	34.49	35.47	0.47	0.21	35.48	1.35	0.39
Affluente_Badia	Affluente_Badia	6 AB0030_A	TR030_0300H	2.29	0.56	34.49	35.44	0.44	0.19	35.45	1.28	0.38
Affluente_Badia	Affluente_Badia	6 AB0030_A	TR030_0400H	2.29	0.50	34.49	35.42	0.41	0.18	35.43	1.22	0.38
Affluente_Badia	Affluente_Badia	6 AB0030_A	TR030_0500H	2.29	0.46	34.49	35.40	0.39	0.17	35.41	1.18	0.38
Affluente_Badia	Affluente_Badia	3.9	TR030_0030H	0.98	0.49	32.84	33.39	1.05	0.48	33.45	0.47	0.25
Affluente_Badia	Affluente_Badia	3.9	TR030_0050H	0.98	0.70	32.84	33.51	1.20	0.50	33.59	0.58	0.28
Affluente_Badia	Affluente_Badia	3.9	TR030_0100H	0.98	0.78	32.84	33.55	1.26	0.51	33.63	0.62	0.29
Affluente_Badia	Affluente_Badia	3.9	TR030_0150H	0.98	0.73	32.84	33.53	1.22	0.50	33.60	0.59	0.28
Affluente_Badia	Affluente_Badia	3.9	TR030_0200H	0.98	0.64	32.84	33.48	1.16	0.49	33.55	0.55	0.27
Affluente_Badia	Affluente_Badia	3.9	TR030_0300H	0.98	0.56	32.84	33.44	1.11	0.48	33.50	0.51	0.26
Affluente_Badia	Affluente_Badia	3.9	TR030_0400H	0.98	0.50	32.84	33.40	1.06	0.48	33.46	0.47	0.25
Affluente_Badia	Affluente_Badia	3.9	TR030_0500H	0.98	0.46	32.84	33.38	1.02	0.47	33.43	0.45	0.25
Affluente_Badia	Affluente_Badia	3 AB0020_D	TR030_0030H	4.79	0.49	32.84	33.23	1.54	0.83	33.35	0.32	0.21
Affluente_Badia	Affluente_Badia	3 AB0020_D	TR030_0050H	4.79	0.70	32.84	33.33	1.72	0.83	33.48	0.41	0.24
Affluente_Badia	Affluente_Badia	3 AB0020_D	TR030_0100H	4.79	0.78	32.84	33.37	1.77	0.83	33.53	0.44	0.25
Affluente_Badia	Affluente_Badia	3 AB0020_D	TR030_0150H	4.79	0.73	32.84	33.34	1.74	0.83	33.50	0.42	0.24
Affluente_Badia	Affluente_Badia	3 AB0020_D	TR030_0200H	4.79	0.64	32.84	33.30	1.67	0.83	33.45	0.38	0.23
Affluente_Badia	Affluente_Badia	3 AB0020_D	TR030_0300H	4.79	0.56	32.84	33.27	1.61	0.83	33.40	0.35	0.22
Affluente_Badia	Affluente_Badia	3 AB0020_D	TR030_0400H	4.79	0.50	32.84	33.24	1.55	0.83	33.36	0.32	0.21
Affluente_Badia	Affluente_Badia	3 AB0020_D	TR030_0500H	4.79	0.46	32.84	33.22	1.52	0.83	33.33	0.30	0.20
Affluente_Badia	Affluente_Badia	2 AB0010	TR030_0030H	2.97	0.49	31.81	32.13	0.99	0.80	32.18	0.49	0.15
Affluente_Badia	Affluente_Badia	2 AB0010	TR030_0050H	2.97	0.69	31.81	32.19	1.03	0.77	32.24	0.67	0.18
Affluente_Badia	Affluente_Badia	2 AB0010	TR030_0100H	2.97	0.76	31.81	32.20	1.07	0.77	32.26	0.71	0.19
Affluente_Badia	Affluente_Badia	2 AB0010	TR030_0150H	2.97	0.72	31.81	32.19	1.05	0.77	32.25	0.68	0.18
Affluente_Badia	Affluente_Badia	2 AB0010	TR030_0200H	2.97	0.63	31.81	32.18	1.01	0.76	32.23	0.63	0.17
Affluente_Badia	Affluente_Badia	2 AB0010	TR030_0300H	2.97	0.56	31.81	32.16	0.99	0.78	32.21	0.57	0.16
Affluente_Badia	Affluente_Badia	2 AB0010	TR030_0400H	2.97	0.50	31.81	32.14	0.99	0.79	32.19	0.50	0.15
Affluente_Badia	Affluente_Badia	2 AB0010	TR030_0500H	2.97	0.46	31.81	32.13	1.00	0.80	32.18	0.46	0.15
Affluente_Badia	Affluente_Badia	1.4	TR030_0030H	4.48	0.49	30.97	31.32	2.95	2.12	31.76	0.17	0.15
Affluente_Badia	Affluente_Badia	1.4	TR030_0050H	4.48	0.67	30.97	31.37	3.21	2.16	31.89	0.21	0.17
Affluente_Badia	Affluente_Badia	1.4	TR030_0100H	4.48	0.72	30.97	31.38	3.27	2.17	31.92	0.22	0.17
Affluente_Badia	Affluente_Badia	1.4	TR030_0150H	4.48	0.69	30.97	31.37	3.23	2.16	31.90	0.21	0.17
Affluente_Badia	Affluente_Badia	1.4	TR030_0200H	4.48	0.62	30.97	31.36	3.15	2.15	31.86	0.20	0.16
Affluente_Badia	Affluente_Badia	1.4	TR030_0300H	4.48	0.56	30.97	31.34	3.06	2.14	31.82	0.18	0.16
Affluente_Badia	Affluente_Badia	1.4	TR030_0400H	4.48	0.50	30.97	31.32	2.97	2.12	31.77	0.17	0.15
Affluente_Badia	Affluente_Badia	1.4	TR030_0500H	4.48	0.46	30.97	31.31	2.91	2.11	31.74	0.16	0.14
Affluente_Badia	Affluente_Badia	1 AB0009	TR030_0030H		0.49	27.99	28.27	1.56	1.28	28.39	0.31	0.14
Affluente_Badia	Affluente_Badia	1 AB0009	TR030_0050H		0.67	27.99	28.31	1.70	1.30	28.45	0.39	0.16
Affluente_Badia	Affluente_Badia	1 AB0009	TR030_0100H		0.72	27.99	28.32	1.74	1.31	28.47	0.41	0.17
Affluente_Badia	Affluente_Badia	1 AB0009	TR030_0150H		0.69	27.99	28.31	1.72	1.31	28.46	0.40	0.17
Affluente_Badia	Affluente_Badia	1 AB0009	TR030_0200H		0.62	27.99	28.30	1.67	1.30	28.44	0.37	0.16
Affluente_Badia	Affluente_Badia	1 AB0009	TR030_0300H		0.56	27.99	28.28	1.62	1.29	28.42	0.34	0.15
Affluente_Badia	Affluente_Badia	1 AB0009	TR030_0400H		0.50	27.99	28.27	1.57	1.28	28.40	0.32	0.15
Affluente_Badia	Affluente_Badia	1 AB0009	TR030_0500H		0.46	27.99	28.26	1.54	1.27	28.38	0.30	0.14

4.2.2 TEMPO DI RITORNO 200 ANNI

River	Reach	River Sta		Plan	Length Chnl	Q Total	Min Ch El	W.S. Elev	Vel Total	Froude # XS	E.G. Elev	Area	Hydr Radius
					(m)	(m3/s)	(m)	(m)	(m/s)		(m)	(m2)	(m)
Affluente_Badia	Affluente_Badia	8	AB0050	TR200_0030H	4.94	1.30	36.78	37.28	1.71	1.13	37.43	0.76	0.21
Affluente_Badia	Affluente_Badia	8	AB0050	TR200_0050H	4.94	1.81	36.78	37.35	1.82	1.14	37.52	0.99	0.24
Affluente_Badia	Affluente_Badia	8	AB0050	TR200_0100H	4.94	2.89	36.78	37.44	2.10	1.18	37.67	1.38	0.30
Affluente_Badia	Affluente_Badia	8	AB0050	TR200_0150H	4.94	2.63	36.78	37.42	2.03	1.17	37.63	1.30	0.28
Affluente_Badia	Affluente_Badia	8	AB0050	TR200_0200H	4.94	2.28	36.78	37.39	1.93	1.16	37.58	1.18	0.26
Affluente_Badia	Affluente_Badia	8	AB0050	TR200_0300H	4.94	1.72	36.78	37.34	1.81	1.14	37.50	0.95	0.24
Affluente_Badia	Affluente_Badia	8	AB0050	TR200_0400H	4.94	1.38	36.78	37.29	1.72	1.13	37.45	0.80	0.22
Affluente_Badia	Affluente_Badia	8	AB0050	TR200_0500H	4.94	1.15	36.78	37.26	1.67	1.13	37.40	0.69	0.21
Affluente_Badia	Affluente_Badia	7	AB0040	TR200_0030H	0.99	1.28	35.84	36.40	1.92	1.09	36.59	0.67	0.26
Affluente_Badia	Affluente_Badia	7	AB0040	TR200_0050H	0.99	1.66	35.84	36.46	2.08	1.10	36.69	0.80	0.29
Affluente_Badia	Affluente_Badia	7	AB0040	TR200_0100H	0.99	2.22	35.84	36.54	2.31	1.14	36.81	0.96	0.33
Affluente_Badia	Affluente_Badia	7	AB0040	TR200_0150H	0.99	2.10	35.84	36.52	2.27	1.13	36.79	0.93	0.32
Affluente_Badia	Affluente_Badia	7	AB0040	TR200_0200H	0.99	1.93	35.84	36.50	2.20	1.12	36.75	0.88	0.31
Affluente_Badia	Affluente_Badia	7	AB0040	TR200_0300H	0.99	1.60	35.84	36.46	2.06	1.10	36.67	0.78	0.29
Affluente_Badia	Affluente_Badia	7	AB0040	TR200_0400H	0.99	1.36	35.84	36.42	1.95	1.09	36.61	0.69	0.27
Affluente_Badia	Affluente_Badia	7	AB0040	TR200_0500H	0.99	1.15	35.84	36.38	1.89	1.12	36.56	0.61	0.24
Affluente_Badia	Affluente_Badia	6	AB0030_A	TR200_0030H	2.29	1.10	34.49	35.63	0.62	0.25	35.65	1.77	0.46
Affluente_Badia	Affluente_Badia	6	AB0030_A	TR200_0050H	2.29	1.26	34.49	35.69	0.66	0.25	35.71	1.91	0.48
Affluente_Badia	Affluente_Badia	6	AB0030_A	TR200_0100H	2.29	1.44	34.49	35.72	0.72	0.27	35.75	2.01	0.49
Affluente_Badia	Affluente_Badia	6	AB0030_A	TR200_0150H	2.29	1.41	34.49	35.72	0.70	0.26	35.74	2.00	0.49
Affluente_Badia	Affluente_Badia	6	AB0030_A	TR200_0200H	2.29	1.35	34.49	35.71	0.68	0.26	35.73	1.98	0.49
Affluente_Badia	Affluente_Badia	6	AB0030_A	TR200_0300H	2.29	1.24	34.49	35.68	0.66	0.25	35.70	1.89	0.48
Affluente_Badia	Affluente_Badia	6	AB0030_A	TR200_0400H	2.29	1.14	34.49	35.65	0.63	0.25	35.67	1.80	0.46
Affluente_Badia	Affluente_Badia	6	AB0030_A	TR200_0500H	2.29	1.03	34.49	35.61	0.61	0.24	35.63	1.70	0.45
Affluente_Badia	Affluente_Badia	3.9		TR200_0030H	0.98	1.10	32.84	33.71	1.37	0.60	33.81	0.80	0.28
Affluente_Badia	Affluente_Badia	3.9		TR200_0050H	0.98	1.26	32.84	33.78	1.38	0.60	33.88	0.92	0.29
Affluente_Badia	Affluente_Badia	3.9		TR200_0100H	0.98	1.44	32.84	33.83	1.43	0.64	33.93	1.01	0.29
Affluente_Badia	Affluente_Badia	3.9		TR200_0150H	0.98	1.41	32.84	33.82	1.42	0.64	33.92	0.99	0.28
Affluente_Badia	Affluente_Badia	3.9		TR200_0200H	0.98	1.35	32.84	33.81	1.40	0.63	33.91	0.97	0.28
Affluente_Badia	Affluente_Badia	3.9		TR200_0300H	0.98	1.24	32.84	33.77	1.37	0.61	33.87	0.91	0.28
Affluente_Badia	Affluente_Badia	3.9		TR200_0400H	0.98	1.14	32.84	33.73	1.37	0.60	33.83	0.83	0.28
Affluente_Badia	Affluente_Badia	3.9		TR200_0500H	0.98	1.03	32.84	33.68	1.36	0.58	33.77	0.75	0.28
Affluente_Badia	Affluente_Badia	3	AB0020_D	TR200_0030H	4.79	1.10	32.84	33.50	1.96	0.82	33.69	0.56	0.27
Affluente_Badia	Affluente_Badia	3	AB0020_D	TR200_0050H	4.79	1.26	32.84	33.56	2.02	0.81	33.77	0.63	0.29
Affluente_Badia	Affluente_Badia	3	AB0020_D	TR200_0100H	4.79	1.41	32.84	33.62	2.04	0.81	33.83	0.69	0.29
Affluente_Badia	Affluente_Badia	3	AB0020_D	TR200_0150H	4.79	1.38	32.84	33.61	2.04	0.79	33.82	0.68	0.30
Affluente_Badia	Affluente_Badia	3	AB0020_D	TR200_0200H	4.79	1.34	32.84	33.59	2.03	0.80	33.80	0.66	0.29
Affluente_Badia	Affluente_Badia	3	AB0020_D	TR200_0300H	4.79	1.24	32.84	33.55	2.01	0.81	33.76	0.62	0.29
Affluente_Badia	Affluente_Badia	3	AB0020_D	TR200_0400H	4.79	1.14	32.84	33.51	1.97	0.82	33.71	0.58	0.28
Affluente_Badia	Affluente_Badia	3	AB0020_D	TR200_0500H	4.79	1.03	32.84	33.47	1.92	0.82	33.65	0.54	0.27
Affluente_Badia	Affluente_Badia	2	AB0010	TR200_0030H	2.97	1.00	31.81	32.23	1.20	0.80	32.31	0.83	0.21
Affluente_Badia	Affluente_Badia	2	AB0010	TR200_0050H	2.97	1.09	31.81	32.24	1.25	0.82	32.32	0.87	0.22
Affluente_Badia	Affluente_Badia	2	AB0010	TR200_0100H	2.97	1.15	31.81	32.25	1.28	0.82	32.33	0.89	0.23
Affluente_Badia	Affluente_Badia	2	AB0010	TR200_0150H	2.97	1.14	31.81	32.25	1.28	0.82	32.33	0.89	0.23
Affluente_Badia	Affluente_Badia	2	AB0010	TR200_0200H	2.97	1.12	31.81	32.25	1.27	0.82	32.33	0.88	0.23
Affluente_Badia	Affluente_Badia	2	AB0010	TR200_0300H	2.97	1.08	31.81	32.24	1.25	0.81	32.32	0.87	0.22
Affluente_Badia	Affluente_Badia	2	AB0010	TR200_0400H	2.97	1.02	31.81	32.23	1.22	0.81	32.31	0.84	0.22
Affluente_Badia	Affluente_Badia	2	AB0010	TR200_0500H	2.97	0.95	31.81	32.23	1.18	0.80	32.30	0.81	0.21
Affluente_Badia	Affluente_Badia	1.4		TR200_0030H	4.48	0.84	30.97	31.41	3.41	2.19	32.00	0.25	0.18
Affluente_Badia	Affluente_Badia	1.4		TR200_0050H	4.48	0.87	30.97	31.42	3.44	2.19	32.02	0.25	0.18
Affluente_Badia	Affluente_Badia	1.4		TR200_0100H	4.48	0.89	30.97	31.42	3.46	2.20	32.03	0.26	0.19
Affluente_Badia	Affluente_Badia	1.4		TR200_0150H	4.48	0.89	30.97	31.42	3.46	2.20	32.03	0.26	0.19
Affluente_Badia	Affluente_Badia	1.4		TR200_0200H	4.48	0.88	30.97	31.42	3.45	2.20	32.03	0.26	0.18
Affluente_Badia	Affluente_Badia	1.4		TR200_0300H	4.48	0.87	30.97	31.41	3.44	2.20	32.02	0.25	0.18
Affluente_Badia	Affluente_Badia	1.4		TR200_0400H	4.48	0.85	30.97	31.41	3.41	2.19	32.00	0.25	0.18
Affluente_Badia	Affluente_Badia	1.4		TR200_0500H	4.48	0.82	30.97	31.40	3.38	2.19	31.99	0.24	0.18
Affluente_Badia	Affluente_Badia	1	AB0009	TR200_0030H		0.84	27.99	28.34	1.81	1.32	28.50	0.46	0.18
Affluente_Badia	Affluente_Badia	1	AB0009	TR200_0050H		0.87	27.99	28.34	1.83	1.33	28.51	0.48	0.18
Affluente_Badia	Affluente_Badia	1	AB0009	TR200_0100H		0.89	27.99	28.35	1.84	1.33	28.52	0.48	0.19
Affluente_Badia	Affluente_Badia	1	AB0009	TR200_0150H		0.89	27.99	28.34	1.84	1.33	28.52	0.48	0.18
Affluente_Badia	Affluente_Badia	1	AB0009	TR200_0200H		0.88	27.99	28.34	1.84	1.33	28.52	0.48	0.18
Affluente_Badia	Affluente_Badia	1	AB0009	TR200_0300H		0.87	27.99	28.34	1.83	1.33	28.51	0.47	0.18
Affluente_Badia	Affluente_Badia	1	AB0009	TR200_0400H		0.85	27.99	28.34	1.82	1.32	28.51	0.47	0.18
Affluente_Badia	Affluente_Badia	1	AB0009	TR200_0500H		0.82	27.99	28.33	1.80	1.32	28.50	0.45	0.18

5 TABULATI VERIFICHE IDRAULICHE MODELLO 4

5.1 BORRO DI FORRACCIA

5.1.1 TEMPO DI RITORNO 30 ANNI

River	Reach	River Sta		Plan	Length Chnl (m)	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Vel Total (m/s)	Froude # XS	E.G. Elev (m)	Area (m2)	Hydr Radius (m)
Forraccia	Forraccia	10	FR0040__	TR030_0030H	9.39	9.39	33.73	35.00	3.46	1.36	35.60	2.72	0.51
Forraccia	Forraccia	10	FR0040__	TR030_0050H	9.39	8.87	33.73	34.97	3.38	1.35	35.56	2.62	0.50
Forraccia	Forraccia	10	FR0040__	TR030_0100H	9.39	6.85	33.73	34.86	3.16	1.31	35.37	2.17	0.47
Forraccia	Forraccia	10	FR0040__	TR030_0150H	9.39	5.36	33.73	34.76	2.93	1.29	35.20	1.83	0.42
Forraccia	Forraccia	10	FR0040__	TR030_0200H	9.39	4.38	33.73	34.69	2.74	1.26	35.08	1.60	0.39
Forraccia	Forraccia	10	FR0040__	TR030_0300H	9.39	3.28	33.73	34.58	2.63	1.31	34.93	1.25	0.34
Forraccia	Forraccia	10	FR0040__	TR030_0400H	9.39	2.69	33.73	34.51	2.58	1.36	34.85	1.04	0.30
Forraccia	Forraccia	10	FR0040__	TR030_0500H	9.39	2.28	33.73	34.46	2.55	1.36	34.79	0.89	0.29
Forraccia	Forraccia	9	FR0030_A	TR030_0030H	0.98	8.25	32.48	34.49	1.17	0.37	34.56	7.03	0.79
Forraccia	Forraccia	9	FR0030_A	TR030_0050H	0.98	7.93	32.48	34.47	1.15	0.37	34.54	6.89	0.78
Forraccia	Forraccia	9	FR0030_A	TR030_0100H	0.98	6.45	32.48	34.36	1.05	0.35	34.42	6.17	0.71
Forraccia	Forraccia	9	FR0030_A	TR030_0150H	0.98	5.24	32.48	34.26	0.96	0.34	34.31	5.46	0.65
Forraccia	Forraccia	9	FR0030_A	TR030_0200H	0.98	4.20	32.48	34.23	0.80	0.29	34.27	5.27	0.63
Forraccia	Forraccia	9	FR0030_A	TR030_0300H	0.98	3.27	32.48	34.13	0.71	0.26	34.16	4.62	0.61
Forraccia	Forraccia	9	FR0030_A	TR030_0400H	0.98	2.69	32.48	34.04	0.66	0.24	34.06	4.07	0.62
Forraccia	Forraccia	9	FR0030_A	TR030_0500H	0.98	2.28	32.48	33.97	0.61	0.22	33.99	3.73	0.62
Forraccia	Forraccia	8.9		TR030_0030H	1.50	6.75	32.19	34.53	0.85	0.25	34.57	7.97	0.85
Forraccia	Forraccia	8.9		TR030_0050H	1.50	6.56	32.19	34.51	0.84	0.25	34.54	7.79	0.83
Forraccia	Forraccia	8.9		TR030_0100H	1.50	5.69	32.19	34.39	0.82	0.26	34.42	6.96	0.76
Forraccia	Forraccia	8.9		TR030_0150H	1.50	4.93	32.19	34.27	0.80	0.27	34.30	6.16	0.69
Forraccia	Forraccia	8.9		TR030_0200H	1.50	3.86	32.19	34.24	0.65	0.22	34.26	5.94	0.67
Forraccia	Forraccia	8.9		TR030_0300H	1.50	3.23	32.19	34.14	0.61	0.21	34.15	5.26	0.66
Forraccia	Forraccia	8.9		TR030_0400H	1.50	2.69	32.19	34.04	0.57	0.19	34.06	4.71	0.68
Forraccia	Forraccia	8.9		TR030_0500H	1.50	2.28	32.19	33.97	0.52	0.17	33.99	4.37	0.68
Forraccia	Forraccia	6.9		TR030_0030H	0.97	6.74	31.82	32.93	2.59	0.91	33.27	2.61	0.61
Forraccia	Forraccia	6.9		TR030_0050H	0.97	6.56	31.82	32.92	2.57	0.91	33.25	2.55	0.60
Forraccia	Forraccia	6.9		TR030_0100H	0.97	5.69	31.82	32.83	2.47	0.91	33.15	2.30	0.57
Forraccia	Forraccia	6.9		TR030_0150H	0.97	4.93	31.82	32.76	2.37	0.90	33.05	2.08	0.54
Forraccia	Forraccia	6.9		TR030_0200H	0.97	4.09	31.82	32.67	2.22	0.87	32.93	1.84	0.50
Forraccia	Forraccia	6.9		TR030_0300H	0.97	3.23	31.82	32.58	2.04	0.85	32.79	1.58	0.46
Forraccia	Forraccia	6.9		TR030_0400H	0.97	2.69	31.82	32.51	1.91	0.82	32.70	1.41	0.43
Forraccia	Forraccia	6.9		TR030_0500H	0.97	2.28	31.82	32.46	1.80	0.80	32.62	1.27	0.41
Forraccia	Forraccia	6	FR0022_D	TR030_0030H	7.43	6.87	31.82	32.79	3.17	1.18	33.30	2.17	0.55
Forraccia	Forraccia	6	FR0022_D	TR030_0050H	7.43	6.68	31.82	32.77	3.15	1.18	33.28	2.12	0.54
Forraccia	Forraccia	6	FR0022_D	TR030_0100H	7.43	5.76	31.82	32.69	3.06	1.19	33.17	1.88	0.51
Forraccia	Forraccia	6	FR0022_D	TR030_0150H	7.43	4.94	31.82	32.62	2.95	1.19	33.06	1.68	0.48
Forraccia	Forraccia	6	FR0022_D	TR030_0200H	7.43	4.09	31.82	32.54	2.79	1.18	32.93	1.46	0.44
Forraccia	Forraccia	6	FR0022_D	TR030_0300H	7.43	3.23	31.82	32.45	2.61	1.17	32.79	1.24	0.40
Forraccia	Forraccia	6	FR0022_D	TR030_0400H	7.43	2.69	31.82	32.38	2.47	1.16	32.69	1.09	0.37
Forraccia	Forraccia	6	FR0022_D	TR030_0500H	7.43	2.28	31.82	32.33	2.35	1.15	32.61	0.97	0.35
Forraccia	Forraccia	5	FR0020__	TR030_0030H	8.72	7.54	31.29	32.28	3.12	1.15	32.78	2.42	0.58
Forraccia	Forraccia	5	FR0020__	TR030_0050H	8.72	7.30	31.29	32.26	3.10	1.16	32.75	2.36	0.57
Forraccia	Forraccia	5	FR0020__	TR030_0100H	8.72	6.01	31.29	32.16	2.96	1.18	32.61	2.03	0.52
Forraccia	Forraccia	5	FR0020__	TR030_0150H	8.72	4.97	31.29	32.07	2.83	1.18	32.48	1.76	0.48
Forraccia	Forraccia	5	FR0020__	TR030_0200H	8.72	4.11	31.29	31.99	2.71	1.19	32.36	1.51	0.44
Forraccia	Forraccia	5	FR0020__	TR030_0300H	8.72	3.23	31.29	31.90	2.57	1.20	32.23	1.26	0.39
Forraccia	Forraccia	5	FR0020__	TR030_0400H	8.72	2.69	31.29	31.83	2.45	1.20	32.14	1.10	0.36
Forraccia	Forraccia	5	FR0020__	TR030_0500H	8.72	2.28	31.29	31.78	2.35	1.20	32.07	0.97	0.33
Forraccia	Forraccia	4	FR0010__	TR030_0030H	8.13	7.70	30.33	31.77	2.02	0.69	31.97	3.81	0.71
Forraccia	Forraccia	4	FR0010__	TR030_0050H	8.13	7.44	30.33	31.75	1.99	0.68	31.95	3.73	0.71
Forraccia	Forraccia	4	FR0010__	TR030_0100H	8.13	6.08	30.33	31.65	1.83	0.65	31.82	3.31	0.67
Forraccia	Forraccia	4	FR0010__	TR030_0150H	8.13	5.11	30.33	31.58	1.67	0.60	31.72	3.05	0.64
Forraccia	Forraccia	4	FR0010__	TR030_0200H	8.13	4.20	30.33	31.49	1.55	0.58	31.61	2.71	0.60
Forraccia	Forraccia	4	FR0010__	TR030_0300H	8.13	3.27	30.33	31.38	1.41	0.55	31.48	2.32	0.55
Forraccia	Forraccia	4	FR0010__	TR030_0400H	8.13	2.70	30.33	31.30	1.31	0.52	31.39	2.07	0.52
Forraccia	Forraccia	4	FR0010__	TR030_0500H	8.13	2.28	30.33	31.25	1.21	0.50	31.32	1.89	0.50
Forraccia	Forraccia	3	FR0009__	TR030_0030H	7.78	7.70	30.33	31.33	4.17	1.64	32.22	1.85	0.51
Forraccia	Forraccia	3	FR0009__	TR030_0050H	7.78	7.44	30.33	31.32	4.13	1.63	32.19	1.80	0.51
Forraccia	Forraccia	3	FR0009__	TR030_0100H	7.78	6.08	30.33	31.23	3.88	1.60	32.00	1.57	0.47
Forraccia	Forraccia	3	FR0009__	TR030_0150H	7.78	5.26	30.33	31.17	3.71	1.58	31.87	1.42	0.44
Forraccia	Forraccia	3	FR0009__	TR030_0200H	7.78	4.29	30.33	31.09	3.50	1.57	31.72	1.23	0.41
Forraccia	Forraccia	3	FR0009__	TR030_0300H	7.78	3.28	30.33	31.00	3.23	1.54	31.54	1.02	0.37
Forraccia	Forraccia	3	FR0009__	TR030_0400H	7.78	2.70	30.33	30.95	3.04	1.52	31.42	0.89	0.34
Forraccia	Forraccia	3	FR0009__	TR030_0500H	7.78	2.28	30.33	30.90	2.88	1.50	31.32	0.79	0.32
Forraccia	Forraccia	2	FR0008__	TR030_0030H	7.61	7.70	29.19	29.83	5.71	2.81	31.49	1.35	0.38
Forraccia	Forraccia	2	FR0008__	TR030_0050H	7.61	7.44	29.19	29.82	5.64	2.79	31.44	1.32	0.37
Forraccia	Forraccia	2	FR0008__	TR030_0100H	7.61	7.32	29.19	29.82	5.57	2.76	31.40	1.31	0.37
Forraccia	Forraccia	2	FR0008__	TR030_0150H	7.61	6.76	29.19	29.79	5.43	2.73	31.29	1.25	0.36
Forraccia	Forraccia	2	FR0008__	TR030_0200H	7.61	5.56	29.19	29.75	5.06	2.65	31.05	1.10	0.34
Forraccia	Forraccia	2	FR0008__	TR030_0300H	7.61	4.10	29.19	29.68	4.54	2.53	30.73	0.90	0.30
Forraccia	Forraccia	2	FR0008__	TR030_0400H	7.61	3.19	29.19	29.63	4.15	2.44	30.50	0.77	0.27
Forraccia	Forraccia	2	FR0008__	TR030_0500H	7.61	2.57	29.19	29.59	3.83	2.35	30.34	0.67	0.25
Forraccia	Forraccia	1	FR0007__	TR030_0030H		7.70	26.83	27.60	3.69	1.59	28.29	2.09	0.48
Forraccia	Forraccia	1	FR0007__	TR030_0050H		7.43	26.83	27.58	3.65	1.59	28.26	2.03	0.48
Forraccia	Forraccia	1	FR0007__	TR030_0100H		7.78	26.83	27.60	3.70	1.60	28.30	2.10	0.49
Forraccia	Forraccia	1	FR0007__	TR030_0150H		7.15	26.83	27.57	3.61	1.59	28.23	1.98	0.47
Forraccia	Forraccia	1	FR0007__	TR030_0200H		5.88	26.83	27.50	3.40	1.57	28.09	1.73	0.43
Forraccia	Forraccia	1	FR0007__	TR030_0300H		4.31	26.83	27.41	3.08	1.55	27.89	1.40	0.37
Forraccia	Forraccia	1	FR0007__	TR030_0400H		3.32	26.83	27.34	2.83	1.52	27.75	1.17	0.32

River	Reach	River Sta		Plan	Length Chnl	Q Total	Min Ch El	W.S. Elev	Vel Total	Froude # XS	E.G. Elev	Area	Hydr Radius
					(m)	(m3/s)	(m)	(m)	(m/s)		(m)	(m2)	(m)
Forraccia	Forraccia	1	FR0007__	TR030_0500H		2.64	26.83	27.29	2.62	1.50	27.64	1.01	0.29

5.1.2 TEMPO DI RITORNO 200 ANNI

River	Reach	River Sta		Plan	Length Chnl (m)	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Vel Total (m/s)	Froude # XS	E.G. Elev (m)	Area (m2)	Hydr Radius (m)
Forraccia	Forraccia	10	FR0040__	TR200_0030H	9.39	15.05	33.73	35.21	4.20	1.44	36.11	3.58	0.63
Forraccia	Forraccia	10	FR0040__	TR200_0050H	9.39	14.02	33.73	35.17	4.08	1.42	36.02	3.44	0.61
Forraccia	Forraccia	10	FR0040__	TR200_0100H	9.39	10.60	33.73	35.05	3.63	1.37	35.72	2.92	0.54
Forraccia	Forraccia	10	FR0040__	TR200_0150H	9.39	8.34	33.73	34.95	3.32	1.35	35.51	2.51	0.49
Forraccia	Forraccia	10	FR0040__	TR200_0200H	9.39	6.86	33.73	34.86	3.16	1.31	35.37	2.17	0.47
Forraccia	Forraccia	10	FR0040__	TR200_0300H	9.39	5.10	33.73	34.74	2.89	1.28	35.17	1.76	0.42
Forraccia	Forraccia	10	FR0040__	TR200_0400H	9.39	4.09	33.73	34.67	2.69	1.25	35.04	1.52	0.38
Forraccia	Forraccia	10	FR0040__	TR200_0500H	9.39	3.42	33.73	34.60	2.64	1.30	34.95	1.30	0.35
Forraccia	Forraccia	9	FR0030_A	TR200_0030H	0.98	11.30	32.48	34.66	1.37	0.40	34.76	8.25	0.89
Forraccia	Forraccia	9	FR0030_A	TR200_0050H	0.98	10.80	32.48	34.64	1.34	0.40	34.73	8.06	0.88
Forraccia	Forraccia	9	FR0030_A	TR200_0100H	0.98	8.99	32.48	34.53	1.22	0.38	34.61	7.35	0.82
Forraccia	Forraccia	9	FR0030_A	TR200_0150H	0.98	7.58	32.48	34.44	1.13	0.37	34.51	6.72	0.76
Forraccia	Forraccia	9	FR0030_A	TR200_0200H	0.98	6.46	32.48	34.36	1.05	0.35	34.42	6.17	0.71
Forraccia	Forraccia	9	FR0030_A	TR200_0300H	0.98	5.01	32.48	34.24	0.94	0.34	34.29	5.32	0.63
Forraccia	Forraccia	9	FR0030_A	TR200_0400H	0.98	4.02	32.48	34.23	0.77	0.28	34.26	5.23	0.62
Forraccia	Forraccia	9	FR0030_A	TR200_0500H	0.98	3.41	32.48	34.15	0.72	0.27	34.18	4.73	0.61
Forraccia	Forraccia	8.9		TR200_0030H	1.50	8.43	32.19	34.74	0.89	0.24	34.78	9.43	0.96
Forraccia	Forraccia	8.9		TR200_0050H	1.50	8.16	32.19	34.71	0.89	0.25	34.75	9.21	0.94
Forraccia	Forraccia	8.9		TR200_0100H	1.50	7.16	32.19	34.59	0.86	0.25	34.62	8.34	0.88
Forraccia	Forraccia	8.9		TR200_0150H	1.50	6.36	32.19	34.48	0.84	0.25	34.51	7.60	0.82
Forraccia	Forraccia	8.9		TR200_0200H	1.50	5.70	32.19	34.39	0.82	0.26	34.42	6.96	0.76
Forraccia	Forraccia	8.9		TR200_0300H	1.50	4.77	32.19	34.25	0.79	0.27	34.28	6.01	0.68
Forraccia	Forraccia	8.9		TR200_0400H	1.50	3.82	32.19	34.23	0.65	0.22	34.25	5.90	0.67
Forraccia	Forraccia	8.9		TR200_0500H	1.50	3.34	32.19	34.15	0.62	0.22	34.17	5.38	0.66
Forraccia	Forraccia	6.9		TR200_0030H	0.97	8.43	31.82	33.09	2.70	0.90	33.46	3.12	0.67
Forraccia	Forraccia	6.9		TR200_0050H	0.97	8.15	31.82	33.06	2.69	0.91	33.43	3.03	0.66
Forraccia	Forraccia	6.9		TR200_0100H	0.97	7.16	31.82	32.98	2.60	0.90	33.32	2.75	0.62
Forraccia	Forraccia	6.9		TR200_0150H	0.97	6.36	31.82	32.90	2.54	0.91	33.23	2.50	0.60
Forraccia	Forraccia	6.9		TR200_0200H	0.97	5.70	31.82	32.84	2.47	0.90	33.15	2.31	0.57
Forraccia	Forraccia	6.9		TR200_0300H	0.97	4.77	31.82	32.74	2.35	0.89	33.02	2.03	0.53
Forraccia	Forraccia	6.9		TR200_0400H	0.97	3.82	31.82	32.65	2.17	0.87	32.89	1.76	0.49
Forraccia	Forraccia	6.9		TR200_0500H	0.97	3.34	31.82	32.59	2.07	0.85	32.81	1.61	0.47
Forraccia	Forraccia	6	FR0022_D	TR200_0030H	7.43	8.69	31.82	32.95	3.25	1.14	33.49	2.67	0.62
Forraccia	Forraccia	6	FR0022_D	TR200_0050H	7.43	8.39	31.82	32.93	3.24	1.14	33.46	2.59	0.61
Forraccia	Forraccia	6	FR0022_D	TR200_0100H	7.43	7.33	31.82	32.84	3.16	1.15	33.35	2.32	0.57
Forraccia	Forraccia	6	FR0022_D	TR200_0150H	7.43	6.46	31.82	32.76	3.11	1.18	33.25	2.08	0.54
Forraccia	Forraccia	6	FR0022_D	TR200_0200H	7.43	5.77	31.82	32.69	3.05	1.19	33.17	1.89	0.51
Forraccia	Forraccia	6	FR0022_D	TR200_0300H	7.43	4.77	31.82	32.60	2.92	1.19	33.04	1.64	0.47
Forraccia	Forraccia	6	FR0022_D	TR200_0400H	7.43	3.82	31.82	32.51	2.74	1.18	32.89	1.40	0.43
Forraccia	Forraccia	6	FR0022_D	TR200_0500H	7.43	3.34	31.82	32.46	2.63	1.17	32.81	1.27	0.41
Forraccia	Forraccia	5	FR0020__	TR200_0030H	8.72	10.59	31.29	32.51	3.36	1.09	33.08	3.15	0.68
Forraccia	Forraccia	5	FR0020__	TR200_0050H	8.72	10.11	31.29	32.47	3.32	1.10	33.04	3.04	0.66
Forraccia	Forraccia	5	FR0020__	TR200_0100H	8.72	8.34	31.29	32.38	3.04	1.06	32.85	2.74	0.62
Forraccia	Forraccia	5	FR0020__	TR200_0150H	8.72	7.04	31.29	32.27	2.95	1.10	32.72	2.38	0.57
Forraccia	Forraccia	5	FR0020__	TR200_0200H	8.72	6.03	31.29	32.18	2.88	1.13	32.61	2.09	0.53
Forraccia	Forraccia	5	FR0020__	TR200_0300H	8.72	4.80	31.29	32.06	2.79	1.17	32.46	1.72	0.47
Forraccia	Forraccia	5	FR0020__	TR200_0400H	8.72	3.84	31.29	31.96	2.66	1.18	32.32	1.44	0.43
Forraccia	Forraccia	5	FR0020__	TR200_0500H	8.72	3.34	31.29	31.91	2.58	1.19	32.25	1.29	0.40
Forraccia	Forraccia	4	FR0010__	TR200_0030H	8.13	11.48	30.33	32.01	2.33	0.73	32.29	4.92	0.82
Forraccia	Forraccia	4	FR0010__	TR200_0050H	8.13	10.05	30.33	32.00	2.07	0.65	32.21	4.86	0.81
Forraccia	Forraccia	4	FR0010__	TR200_0100H	8.13	9.86	30.33	31.98	2.07	0.66	32.19	4.76	0.80
Forraccia	Forraccia	4	FR0010__	TR200_0150H	8.13	8.08	30.33	31.86	1.92	0.63	32.05	4.22	0.75
Forraccia	Forraccia	4	FR0010__	TR200_0200H	8.13	6.71	30.33	31.75	1.78	0.61	31.92	3.76	0.71
Forraccia	Forraccia	4	FR0010__	TR200_0300H	8.13	5.07	30.33	31.59	1.63	0.58	31.73	3.11	0.64
Forraccia	Forraccia	4	FR0010__	TR200_0400H	8.13	3.97	30.33	31.47	1.50	0.56	31.59	2.65	0.59
Forraccia	Forraccia	4	FR0010__	TR200_0500H	8.13	3.41	30.33	31.40	1.42	0.55	31.50	2.40	0.56
Forraccia	Forraccia	3	FR0009__	TR200_0030H	7.78	11.54	30.33	31.53	4.73	1.71	32.68	2.44	0.59
Forraccia	Forraccia	3	FR0009__	TR200_0050H	7.78	11.68	30.33	31.56	4.63	1.65	32.65	2.52	0.60
Forraccia	Forraccia	3	FR0009__	TR200_0100H	7.78	11.28	30.33	31.54	4.59	1.65	32.62	2.46	0.59
Forraccia	Forraccia	3	FR0009__	TR200_0150H	7.78	9.22	30.33	31.43	4.33	1.62	32.39	2.13	0.55
Forraccia	Forraccia	3	FR0009__	TR200_0200H	7.78	7.53	30.33	31.33	4.08	1.60	32.18	1.85	0.51
Forraccia	Forraccia	3	FR0009__	TR200_0300H	7.78	5.41	30.33	31.19	3.73	1.58	31.89	1.45	0.45
Forraccia	Forraccia	3	FR0009__	TR200_0400H	7.78	4.12	30.33	31.08	3.46	1.56	31.69	1.19	0.40
Forraccia	Forraccia	3	FR0009__	TR200_0500H	7.78	3.47	30.33	31.02	3.29	1.54	31.57	1.06	0.38
Forraccia	Forraccia	2	FR0008__	TR200_0030H	7.61	13.30	29.19	30.00	6.80	2.99	32.36	1.96	0.47
Forraccia	Forraccia	2	FR0008__	TR200_0050H	7.61	16.10	29.19	30.07	7.23	3.07	32.74	2.23	0.50
Forraccia	Forraccia	2	FR0008__	TR200_0100H	7.61	15.34	29.19	30.05	7.12	3.05	32.64	2.15	0.49
Forraccia	Forraccia	2	FR0008__	TR200_0150H	7.61	12.82	29.19	29.99	6.72	2.98	32.29	1.91	0.46
Forraccia	Forraccia	2	FR0008__	TR200_0200H	7.61	10.61	29.19	29.93	6.32	2.91	31.96	1.68	0.43
Forraccia	Forraccia	2	FR0008__	TR200_0300H	7.61	7.46	29.19	29.82	5.60	2.77	31.42	1.33	0.38
Forraccia	Forraccia	2	FR0008__	TR200_0400H	7.61	5.55	29.19	29.74	5.06	2.65	31.05	1.10	0.34
Forraccia	Forraccia	2	FR0008__	TR200_0500H	7.61	4.55	29.19	29.70	4.71	2.57	30.83	0.97	0.31
Forraccia	Forraccia	1	FR0007__	TR200_0030H		14.35	26.83	27.88	4.43	1.64	28.88	3.24	0.64
Forraccia	Forraccia	1	FR0007__	TR200_0050H		17.31	26.83	27.98	4.67	1.65	29.10	3.70	0.69
Forraccia	Forraccia	1	FR0007__	TR200_0100H		16.44	26.83	27.95	4.61	1.65	29.04	3.57	0.67
Forraccia	Forraccia	1	FR0007__	TR200_0150H		13.77	26.83	27.86	4.38	1.64	28.84	3.14	0.63
Forraccia	Forraccia	1	FR0007__	TR200_0200H		11.42	26.83	27.76	4.15	1.62	28.64	2.75	0.58
Forraccia	Forraccia	1	FR0007__	TR200_0300H		7.98	26.83	27.61	3.73	1.60	28.32	2.14	0.49
Forraccia	Forraccia	1	FR0007__	TR200_0400H		5.91	26.83	27.50	3.41	1.57	28.09	1.74	0.43

River	Reach	River Sta		Plan	Length Chnl	Q Total	Min Ch El	W.S. Elev	Vel Total	Froude # XS	E.G. Elev	Area	Hydr Radius
					(m)	(m3/s)	(m)	(m)	(m/s)		(m)	(m2)	(m)
Forraccia	Forraccia	1	FR0007__	TR200_0500H		4.83	26.83	27.44	3.20	1.56	27.96	1.51	0.39

5.2 BORRO DEI DIAVOLI

5.2.1 TEMPO DI RITORNO 30 ANNI

River	Reach	River Sta		Plan	Length Chnl (m)	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Vel Total (m/s)	Froude # XS	E.G. Elev (m)	Area (m2)	Hydr Radius (m)
Diavoli	Diavoli	9	AD0040__	TR030_0030H	96.70	17.17	34.99	36.70	3.76	1.30	37.42	4.56	0.68
Diavoli	Diavoli	9	AD0040__	TR030_0050H	96.70	19.62	34.99	36.83	3.62	1.38	37.49	5.42	0.59
Diavoli	Diavoli	9	AD0040__	TR030_0100H	96.70	18.54	34.99	36.79	3.61	1.37	37.45	5.14	0.60
Diavoli	Diavoli	9	AD0040__	TR030_0150H	96.70	15.89	34.99	36.62	3.79	1.25	37.35	4.19	0.72
Diavoli	Diavoli	9	AD0040__	TR030_0200H	96.70	13.44	34.99	36.51	3.62	1.22	37.18	3.71	0.69
Diavoli	Diavoli	9	AD0040__	TR030_0300H	96.70	10.34	34.99	36.34	3.36	1.16	36.92	3.08	0.65
Diavoli	Diavoli	9	AD0040__	TR030_0400H	96.70	8.57	34.99	36.24	3.17	1.13	36.75	2.71	0.61
Diavoli	Diavoli	9	AD0040__	TR030_0500H	96.70	7.32	34.99	36.15	3.02	1.12	36.62	2.43	0.58
Diavoli	Diavoli	8	AD0030__	TR030_0030H	9.52	12.41	33.06	34.52	3.03	1.05	34.99	4.10	0.65
Diavoli	Diavoli	8	AD0030__	TR030_0050H	9.52	12.76	33.06	34.55	3.03	1.04	35.01	4.22	0.67
Diavoli	Diavoli	8	AD0030__	TR030_0100H	9.52	12.52	33.06	34.53	3.01	1.04	35.00	4.16	0.66
Diavoli	Diavoli	8	AD0030__	TR030_0150H	9.52	12.02	33.06	34.50	3.00	1.05	34.96	4.01	0.64
Diavoli	Diavoli	8	AD0030__	TR030_0200H	9.52	11.00	33.06	34.45	2.91	1.05	34.89	3.77	0.61
Diavoli	Diavoli	8	AD0030__	TR030_0300H	9.52	9.36	33.06	34.38	2.75	1.05	34.76	3.40	0.57
Diavoli	Diavoli	8	AD0030__	TR030_0400H	9.52	8.18	33.06	34.32	2.63	1.04	34.67	3.12	0.53
Diavoli	Diavoli	8	AD0030__	TR030_0500H	9.52	7.17	33.06	34.27	2.50	1.04	34.59	2.87	0.50
Diavoli	Diavoli	7	AD0020_A	TR030_0030H	0.90	10.67	31.93	33.87	1.42	0.40	33.97	7.53	0.99
Diavoli	Diavoli	7	AD0020_A	TR030_0050H	0.90	11.37	31.93	33.91	1.46	0.41	34.02	7.77	1.01
Diavoli	Diavoli	7	AD0020_A	TR030_0100H	0.90	11.10	31.93	33.90	1.45	0.41	34.00	7.68	1.00
Diavoli	Diavoli	7	AD0020_A	TR030_0150H	0.90	10.32	31.93	33.85	1.39	0.40	33.95	7.40	0.98
Diavoli	Diavoli	7	AD0020_A	TR030_0200H	0.90	9.53	31.93	33.80	1.34	0.39	33.89	7.11	0.95
Diavoli	Diavoli	7	AD0020_A	TR030_0300H	0.90	8.11	31.93	33.75	1.19	0.35	33.82	6.79	0.93
Diavoli	Diavoli	7	AD0020_A	TR030_0400H	0.90	7.33	31.93	33.69	1.13	0.34	33.75	6.46	0.90
Diavoli	Diavoli	7	AD0020_A	TR030_0500H	0.90	6.69	31.93	33.64	1.08	0.33	33.70	6.18	0.88
Diavoli	Diavoli	6.9		TR030_0030H	1.50	9.92	31.36	33.91	1.00	0.25	33.96	9.89	1.16
Diavoli	Diavoli	6.9		TR030_0050H	1.50	10.49	31.36	33.95	1.03	0.25	34.01	10.15	1.17
Diavoli	Diavoli	6.9		TR030_0100H	1.50	10.27	31.36	33.94	1.02	0.25	33.99	10.05	1.17
Diavoli	Diavoli	6.9		TR030_0150H	1.50	9.63	31.36	33.89	0.99	0.25	33.94	9.76	1.15
Diavoli	Diavoli	6.9		TR030_0200H	1.50	8.96	31.36	33.83	0.95	0.24	33.88	9.44	1.12
Diavoli	Diavoli	6.9		TR030_0300H	1.50	7.67	31.36	33.77	0.84	0.22	33.81	9.08	1.10
Diavoli	Diavoli	6.9		TR030_0400H	1.50	6.99	31.36	33.71	0.80	0.21	33.74	8.72	1.08
Diavoli	Diavoli	6.9		TR030_0500H	1.50	6.44	31.36	33.66	0.76	0.20	33.69	8.43	1.05
Diavoli	Diavoli	4.9		TR030_0030H	1.00	9.90	31.56	32.99	1.90	0.69	33.18	5.22	0.69
Diavoli	Diavoli	4.9		TR030_0050H	1.00	10.47	31.56	33.04	1.89	0.67	33.22	5.54	0.71
Diavoli	Diavoli	4.9		TR030_0100H	1.00	10.24	31.56	33.04	1.86	0.67	33.21	5.51	0.71
Diavoli	Diavoli	4.9		TR030_0150H	1.00	9.63	31.56	32.99	1.85	0.68	33.17	5.20	0.68
Diavoli	Diavoli	4.9		TR030_0200H	1.00	8.96	31.56	32.95	1.83	0.69	33.12	4.89	0.66
Diavoli	Diavoli	4.9		TR030_0300H	1.00	7.66	31.56	32.86	1.76	0.69	33.02	4.34	0.60
Diavoli	Diavoli	4.9		TR030_0400H	1.00	6.99	31.56	32.82	1.74	0.70	32.97	4.03	0.57
Diavoli	Diavoli	4.9		TR030_0500H	1.00	6.44	31.56	32.78	1.70	0.71	32.92	3.78	0.54
Diavoli	Diavoli	4.8		TR030_0030H	9.95	10.09	31.54	32.93	2.07	0.78	33.15	4.87	0.65
Diavoli	Diavoli	4.8		TR030_0050H	9.95	10.79	31.54	32.98	2.09	0.77	33.20	5.16	0.68
Diavoli	Diavoli	4.8		TR030_0100H	9.95	10.54	31.54	32.97	2.05	0.75	33.19	5.13	0.68
Diavoli	Diavoli	4.8		TR030_0150H	9.95	9.79	31.54	32.93	2.02	0.76	33.14	4.86	0.65
Diavoli	Diavoli	4.8		TR030_0200H	9.95	9.05	31.54	32.89	1.98	0.76	33.09	4.57	0.63
Diavoli	Diavoli	4.8		TR030_0300H	9.95	7.70	31.54	32.81	1.91	0.77	32.99	4.03	0.57
Diavoli	Diavoli	4.8		TR030_0400H	9.95	7.00	31.54	32.76	1.88	0.79	32.94	3.72	0.54
Diavoli	Diavoli	4.8		TR030_0500H	9.95	6.46	31.54	32.72	1.86	0.79	32.90	3.47	0.52
Diavoli	Diavoli	4	AD0011__	TR030_0030H	58.51	11.36	31.32	32.42	3.09	1.33	32.91	3.68	0.52
Diavoli	Diavoli	4	AD0011__	TR030_0050H	58.51	12.59	31.32	32.48	3.10	1.30	32.96	4.06	0.55
Diavoli	Diavoli	4	AD0011__	TR030_0100H	58.51	12.72	31.32	32.49	3.08	1.29	32.97	4.13	0.55
Diavoli	Diavoli	4	AD0011__	TR030_0150H	58.51	11.62	31.32	32.44	3.07	1.31	32.92	3.79	0.53
Diavoli	Diavoli	4	AD0011__	TR030_0200H	58.51	10.49	31.32	32.38	3.06	1.33	32.86	3.43	0.50
Diavoli	Diavoli	4	AD0011__	TR030_0300H	58.51	8.61	31.32	32.29	3.01	1.37	32.75	2.86	0.46
Diavoli	Diavoli	4	AD0011__	TR030_0400H	58.51	7.54	31.32	32.23	2.98	1.40	32.68	2.53	0.44
Diavoli	Diavoli	4	AD0011__	TR030_0500H	58.51	6.73	31.32	32.18	2.95	1.41	32.63	2.28	0.42
Diavoli	Diavoli	3	AD0010__	TR030_0030H	9.80	11.44	29.67	31.48	1.80	0.55	31.65	6.35	0.90
Diavoli	Diavoli	3	AD0010__	TR030_0050H	9.80	12.82	29.67	31.58	1.85	0.55	31.76	6.95	0.95
Diavoli	Diavoli	3	AD0010__	TR030_0100H	9.80	13.19	29.67	31.61	1.86	0.55	31.78	7.11	0.96
Diavoli	Diavoli	3	AD0010__	TR030_0150H	9.80	11.97	29.67	31.52	1.82	0.55	31.69	6.58	0.92
Diavoli	Diavoli	3	AD0010__	TR030_0200H	9.80	10.71	29.67	31.43	1.78	0.55	31.59	6.03	0.88
Diavoli	Diavoli	3	AD0010__	TR030_0300H	9.80	8.71	29.67	31.26	1.70	0.55	31.41	5.13	0.81
Diavoli	Diavoli	3	AD0010__	TR030_0400H	9.80	7.58	29.67	31.16	1.65	0.55	31.30	4.60	0.77
Diavoli	Diavoli	3	AD0010__	TR030_0500H	9.80	6.74	29.67	31.08	1.61	0.55	31.21	4.20	0.73
Diavoli	Diavoli	2	AD0009__	TR030_0030H	9.87	11.43	28.98	30.87	2.63	0.83	31.22	4.35	0.74
Diavoli	Diavoli	2	AD0009__	TR030_0050H	9.87	12.81	28.98	30.97	2.67	0.82	31.33	4.79	0.77
Diavoli	Diavoli	2	AD0009__	TR030_0100H	9.87	13.19	28.98	30.99	2.69	0.82	31.36	4.91	0.78
Diavoli	Diavoli	2	AD0009__	TR030_0150H	9.87	11.96	28.98	30.91	2.64	0.83	31.26	4.52	0.75
Diavoli	Diavoli	2	AD0009__	TR030_0200H	9.87	10.71	28.98	30.81	2.60	0.83	31.16	4.12	0.72
Diavoli	Diavoli	2	AD0009__	TR030_0300H	9.87	8.71	28.98	30.65	2.51	0.84	30.97	3.47	0.66
Diavoli	Diavoli	2	AD0009__	TR030_0400H	9.87	7.57	28.98	30.54	2.46	0.85	30.85	3.08	0.62
Diavoli	Diavoli	2	AD0009__	TR030_0500H	9.87	6.74	28.98	30.46	2.41	0.86	30.76	2.79	0.59
Diavoli	Diavoli	1	AD0008__	TR030_0030H		11.43	28.44	30.33	2.54	0.74	30.65	4.50	0.79
Diavoli	Diavoli	1	AD0008__	TR030_0050H		12.81	28.44	30.43	2.61	0.74	30.78	4.91	0.82
Diavoli	Diavoli	1	AD0008__	TR030_0100H		13.19	28.44	30.46	2.63	0.74	30.81	5.02	0.83
Diavoli	Diavoli	1	AD0008__	TR030_0150H		11.96	28.44	30.37	2.57	0.74	30.70	4.66	0.80
Diavoli	Diavoli	1	AD0008__	TR030_0200H		10.71	28.44	30.27	2.50	0.74	30.59	4.29	0.77
Diavoli	Diavoli	1	AD0008__	TR030_0300H		8.71	28.44	30.10	2.37	0.73	30.38	3.68	0.71
Diavoli	Diavoli	1	AD0008__	TR030_0400H		7.57	28.44	29.99	2.29	0.73	30.26	3.31	0.67

River	Reach	River Sta		Plan	Length Chnl	Q Total	Min Ch El	W.S. Elev	Vel Total	Froude # XS	E.G. Elev	Area	Hydr Radius
					(m)	(m3/s)	(m)	(m)	(m/s)		(m)	(m2)	(m)
Diavoli	Diavoli	1	AD0008_	TR030_0500H		6.74	28.44	29.90	2.22	0.73	30.16	3.04	0.64

5.2.2 TEMPO DI RITORNO 200 ANNI

River	Reach	River Sta		Plan	Length Chnl (m)	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Vel Total (m/s)	Froude # XS	E.G. Elev (m)	Area (m2)	Hydr Radius (m)
Diavoli	Diavoli	9	AD0040__	TR200_0030H	96.70	32.82	34.99	37.08	4.43	1.45	38.08	7.41	0.77
Diavoli	Diavoli	9	AD0040__	TR200_0050H	96.70	34.50	34.99	37.11	4.51	1.45	38.15	7.64	0.79
Diavoli	Diavoli	9	AD0040__	TR200_0100H	96.70	30.80	34.99	37.05	4.32	1.44	38.00	7.13	0.74
Diavoli	Diavoli	9	AD0040__	TR200_0150H	96.70	26.24	34.99	36.96	4.06	1.42	37.80	6.47	0.69
Diavoli	Diavoli	9	AD0040__	TR200_0200H	96.70	22.27	34.99	36.88	3.81	1.40	37.62	5.85	0.63
Diavoli	Diavoli	9	AD0040__	TR200_0300H	96.70	17.00	34.99	36.68	3.78	1.29	37.41	4.50	0.69
Diavoli	Diavoli	9	AD0040__	TR200_0400H	96.70	13.78	34.99	36.53	3.64	1.22	37.20	3.78	0.70
Diavoli	Diavoli	9	AD0040__	TR200_0500H	96.70	11.60	34.99	36.41	3.48	1.18	37.03	3.33	0.67
Diavoli	Diavoli	8	AD0030__	TR200_0030H	9.52	15.60	33.06	34.70	3.14	0.99	35.20	4.97	0.75
Diavoli	Diavoli	8	AD0030__	TR200_0050H	9.52	15.88	33.06	34.72	3.14	0.98	35.22	5.06	0.76
Diavoli	Diavoli	8	AD0030__	TR200_0100H	9.52	15.20	33.06	34.68	3.12	0.99	35.18	4.88	0.74
Diavoli	Diavoli	8	AD0030__	TR200_0150H	9.52	14.33	33.06	34.63	3.09	1.01	35.12	4.64	0.71
Diavoli	Diavoli	8	AD0030__	TR200_0200H	9.52	13.43	33.06	34.58	3.05	1.02	35.06	4.41	0.69
Diavoli	Diavoli	8	AD0030__	TR200_0300H	9.52	12.33	33.06	34.52	3.02	1.05	34.98	4.09	0.65
Diavoli	Diavoli	8	AD0030__	TR200_0400H	9.52	11.15	33.06	34.46	2.93	1.05	34.90	3.81	0.62
Diavoli	Diavoli	8	AD0030__	TR200_0500H	9.52	10.06	33.06	34.41	2.82	1.05	34.82	3.57	0.59
Diavoli	Diavoli	7	AD0020_A	TR200_0030H	0.90	13.98	31.93	34.14	1.53	0.39	34.26	9.13	1.12
Diavoli	Diavoli	7	AD0020_A	TR200_0050H	0.90	14.41	31.93	34.16	1.56	0.40	34.28	9.23	1.13
Diavoli	Diavoli	7	AD0020_A	TR200_0100H	0.90	13.58	31.93	34.12	1.51	0.39	34.24	9.00	1.11
Diavoli	Diavoli	7	AD0020_A	TR200_0150H	0.90	12.47	31.93	34.07	1.43	0.38	34.17	8.69	1.08
Diavoli	Diavoli	7	AD0020_A	TR200_0200H	0.90	11.47	31.93	34.01	1.37	0.37	34.11	8.37	1.06
Diavoli	Diavoli	7	AD0020_A	TR200_0300H	0.90	10.66	31.93	33.87	1.42	0.40	33.97	7.53	0.99
Diavoli	Diavoli	7	AD0020_A	TR200_0400H	0.90	9.65	31.93	33.81	1.35	0.39	33.90	7.15	0.96
Diavoli	Diavoli	7	AD0020_A	TR200_0500H	0.90	8.63	31.93	33.78	1.23	0.36	33.86	7.00	0.94
Diavoli	Diavoli	6.9		TR200_0030H	1.50	12.13	31.36	34.20	1.04	0.24	34.26	11.62	1.27
Diavoli	Diavoli	6.9		TR200_0050H	1.50	12.46	31.36	34.22	1.06	0.24	34.28	11.73	1.28
Diavoli	Diavoli	6.9		TR200_0100H	1.50	11.82	31.36	34.18	1.03	0.24	34.23	11.48	1.26
Diavoli	Diavoli	6.9		TR200_0150H	1.50	10.97	31.36	34.12	0.99	0.23	34.17	11.12	1.24
Diavoli	Diavoli	6.9		TR200_0200H	1.50	10.22	31.36	34.06	0.95	0.23	34.10	10.76	1.22
Diavoli	Diavoli	6.9		TR200_0300H	1.50	9.92	31.36	33.91	1.00	0.25	33.96	9.89	1.16
Diavoli	Diavoli	6.9		TR200_0400H	1.50	9.06	31.36	33.84	0.96	0.24	33.89	9.49	1.13
Diavoli	Diavoli	6.9		TR200_0500H	1.50	8.11	31.36	33.81	0.87	0.22	33.85	9.30	1.12
Diavoli	Diavoli	4.9		TR200_0030H	1.00	12.05	31.56	33.27	1.67	0.55	33.42	7.23	0.82
Diavoli	Diavoli	4.9		TR200_0050H	1.00	12.42	31.56	33.32	1.64	0.53	33.46	7.57	0.84
Diavoli	Diavoli	4.9		TR200_0100H	1.00	11.81	31.56	33.27	1.65	0.54	33.40	7.17	0.82
Diavoli	Diavoli	4.9		TR200_0150H	1.00	10.96	31.56	33.19	1.66	0.56	33.33	6.60	0.79
Diavoli	Diavoli	4.9		TR200_0200H	1.00	10.21	31.56	33.11	1.70	0.59	33.26	6.03	0.75
Diavoli	Diavoli	4.9		TR200_0300H	1.00	9.92	31.56	33.02	1.85	0.67	33.19	5.37	0.70
Diavoli	Diavoli	4.9		TR200_0400H	1.00	9.06	31.56	32.95	1.83	0.68	33.13	4.95	0.66
Diavoli	Diavoli	4.9		TR200_0500H	1.00	8.10	31.56	32.89	1.78	0.69	33.06	4.55	0.62
Diavoli	Diavoli	4.8		TR200_0030H	9.95	13.56	31.54	33.16	2.10	0.71	33.39	6.47	0.78
Diavoli	Diavoli	4.8		TR200_0050H	9.95	14.06	31.54	33.20	2.08	0.70	33.42	6.76	0.80
Diavoli	Diavoli	4.8		TR200_0100H	9.95	13.25	31.54	33.16	2.06	0.70	33.37	6.42	0.78
Diavoli	Diavoli	4.8		TR200_0150H	9.95	12.06	31.54	33.09	2.02	0.70	33.30	5.97	0.75
Diavoli	Diavoli	4.8		TR200_0200H	9.95	10.97	31.54	33.03	1.99	0.71	33.23	5.51	0.71
Diavoli	Diavoli	4.8		TR200_0300H	9.95	10.13	31.54	32.96	2.02	0.75	33.16	5.02	0.67
Diavoli	Diavoli	4.8		TR200_0400H	9.95	9.16	31.54	32.90	1.98	0.76	33.10	4.62	0.63
Diavoli	Diavoli	4.8		TR200_0500H	9.95	8.15	31.54	32.84	1.92	0.76	33.03	4.24	0.59
Diavoli	Diavoli	4	AD0011__	TR200_0030H	58.51	18.38	31.32	32.72	3.07	1.18	33.20	5.98	0.65
Diavoli	Diavoli	4	AD0011__	TR200_0050H	58.51	19.55	31.32	32.78	3.01	1.16	33.24	6.50	0.65
Diavoli	Diavoli	4	AD0011__	TR200_0100H	58.51	18.21	31.32	32.72	3.06	1.18	33.20	5.96	0.65
Diavoli	Diavoli	4	AD0011__	TR200_0150H	58.51	16.22	31.32	32.64	3.07	1.21	33.12	5.28	0.62
Diavoli	Diavoli	4	AD0011__	TR200_0200H	58.51	14.38	31.32	32.56	3.07	1.25	33.04	4.68	0.58
Diavoli	Diavoli	4	AD0011__	TR200_0300H	58.51	12.30	31.32	32.47	3.07	1.29	32.95	4.00	0.54
Diavoli	Diavoli	4	AD0011__	TR200_0400H	58.51	10.70	31.32	32.39	3.06	1.33	32.87	3.50	0.51
Diavoli	Diavoli	4	AD0011__	TR200_0500H	58.51	9.34	31.32	32.33	3.03	1.36	32.79	3.08	0.48
Diavoli	Diavoli	3	AD0010__	TR200_0030H	9.80	19.56	29.67	32.00	2.02	0.55	32.20	9.66	1.13
Diavoli	Diavoli	3	AD0010__	TR200_0050H	9.80	21.08	29.67	32.08	2.06	0.55	32.29	10.24	1.16
Diavoli	Diavoli	3	AD0010__	TR200_0100H	9.80	19.60	29.67	32.00	2.02	0.55	32.21	9.69	1.13
Diavoli	Diavoli	3	AD0010__	TR200_0150H	9.80	17.31	29.67	31.87	1.97	0.55	32.07	8.79	1.07
Diavoli	Diavoli	3	AD0010__	TR200_0200H	9.80	15.23	29.67	31.74	1.91	0.55	31.93	7.96	1.01
Diavoli	Diavoli	3	AD0010__	TR200_0300H	9.80	12.76	29.67	31.58	1.84	0.55	31.75	6.93	0.94
Diavoli	Diavoli	3	AD0010__	TR200_0400H	9.80	10.96	29.67	31.45	1.78	0.55	31.61	6.14	0.89
Diavoli	Diavoli	3	AD0010__	TR200_0500H	9.80	9.50	29.67	31.33	1.73	0.55	31.48	5.49	0.84
Diavoli	Diavoli	2	AD0009__	TR200_0030H	9.87	19.54	28.98	31.39	2.87	0.80	31.81	6.82	0.92
Diavoli	Diavoli	2	AD0009__	TR200_0050H	9.87	21.07	28.98	31.47	2.90	0.80	31.90	7.26	0.95
Diavoli	Diavoli	2	AD0009__	TR200_0100H	9.87	19.60	28.98	31.39	2.87	0.80	31.81	6.84	0.92
Diavoli	Diavoli	2	AD0009__	TR200_0150H	9.87	17.30	28.98	31.26	2.81	0.81	31.66	6.15	0.88
Diavoli	Diavoli	2	AD0009__	TR200_0200H	9.87	15.23	28.98	31.13	2.75	0.81	31.52	5.53	0.83
Diavoli	Diavoli	2	AD0009__	TR200_0300H	9.87	12.76	28.98	30.96	2.67	0.82	31.33	4.77	0.77
Diavoli	Diavoli	2	AD0009__	TR200_0400H	9.87	10.96	28.98	30.83	2.61	0.83	31.18	4.20	0.73
Diavoli	Diavoli	2	AD0009__	TR200_0500H	9.87	9.50	28.98	30.72	2.55	0.84	31.05	3.73	0.68
Diavoli	Diavoli	1	AD0008__	TR200_0030H		19.54	28.44	30.88	2.89	0.75	31.30	6.77	0.96
Diavoli	Diavoli	1	AD0008__	TR200_0050H		21.06	28.44	30.97	2.93	0.75	31.41	7.18	0.98
Diavoli	Diavoli	1	AD0008__	TR200_0100H		19.60	28.44	30.88	2.89	0.75	31.31	6.78	0.96
Diavoli	Diavoli	1	AD0008__	TR200_0150H		17.30	28.44	30.74	2.81	0.75	31.14	6.15	0.92
Diavoli	Diavoli	1	AD0008__	TR200_0200H		15.23	28.44	30.60	2.72	0.74	30.98	5.59	0.88
Diavoli	Diavoli	1	AD0008__	TR200_0300H		12.76	28.44	30.43	2.61	0.74	30.77	4.89	0.82
Diavoli	Diavoli	1	AD0008__	TR200_0400H		10.96	28.44	30.29	2.51	0.74	30.61	4.36	0.77

River	Reach	River Sta		Plan	Length Chnl	Q Total	Min Ch El	W.S. Elev	Vel Total	Froude # XS	E.G. Elev	Area	Hydr Radius
					(m)	(m3/s)	(m)	(m)	(m/s)		(m)	(m2)	(m)
Diavoli	Diavoli	1	AD0008_	TR200_0500H		9.50	28.44	30.17	2.42	0.74	30.47	3.92	0.73

6 TABULATI VERIFICHE IDRAULICHE MODELLO 5

6.1 RIO OLMO

6.1.1 TEMPO DI RITORNO 30 ANNI

River	Reach	River Sta		Plan	Length Chnl (m)	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Vel Total (m/s)	Froude # XS	E.G. Elev (m)	Area (m2)	Hydr Radius (m)
Olmo	Olmo	14	RO0100__	TR030_0030H	18.76	1.61	32.83	33.47	1.97	0.96	33.67	0.82	0.34
Olmo	Olmo	14	RO0100__	TR030_0050H	18.76	2.39	32.83	33.61	2.18	0.98	33.85	1.10	0.39
Olmo	Olmo	14	RO0100__	TR030_0100H	18.76	3.06	32.83	33.71	2.33	1.00	33.98	1.31	0.43
Olmo	Olmo	14	RO0100__	TR030_0150H	18.76	2.77	32.83	33.67	2.27	0.99	33.93	1.22	0.41
Olmo	Olmo	14	RO0100__	TR030_0200H	18.76	2.42	32.83	33.62	2.19	0.98	33.86	1.11	0.39
Olmo	Olmo	14	RO0100__	TR030_0300H	18.76	2.09	32.83	33.56	2.11	0.97	33.79	0.99	0.37
Olmo	Olmo	14	RO0100__	TR030_0400H	18.76	2.02	32.83	33.55	2.09	0.97	33.77	0.97	0.37
Olmo	Olmo	14	RO0100__	TR030_0500H	18.76	2.15	32.83	33.57	2.12	0.97	33.80	1.01	0.37
Olmo	Olmo	13	RO0090__	TR030_0030H	16.50	1.60	31.20	31.83	1.74	0.90	31.99	0.92	0.32
Olmo	Olmo	13	RO0090__	TR030_0050H	16.50	2.39	31.20	31.95	1.95	0.92	32.15	1.23	0.38
Olmo	Olmo	13	RO0090__	TR030_0100H	16.50	3.05	31.20	32.04	2.09	0.93	32.26	1.46	0.42
Olmo	Olmo	13	RO0090__	TR030_0150H	16.50	2.77	31.20	32.00	2.03	0.92	32.21	1.36	0.41
Olmo	Olmo	13	RO0090__	TR030_0200H	16.50	2.42	31.20	31.96	1.96	0.92	32.15	1.24	0.39
Olmo	Olmo	13	RO0090__	TR030_0300H	16.50	2.09	31.20	31.91	1.88	0.91	32.09	1.11	0.36
Olmo	Olmo	13	RO0090__	TR030_0400H	16.50	2.01	31.20	31.90	1.86	0.91	32.07	1.08	0.36
Olmo	Olmo	13	RO0090__	TR030_0500H	16.50	2.15	31.20	31.92	1.89	0.91	32.10	1.14	0.37
Olmo	Olmo	12	RO0080__	TR030_0030H	10.10	1.60	30.13	30.77	1.28	0.61	30.85	1.25	0.39
Olmo	Olmo	12	RO0080__	TR030_0050H	10.10	2.35	30.13	30.94	1.34	0.57	31.03	1.75	0.48
Olmo	Olmo	12	RO0080__	TR030_0100H	10.10	3.04	30.13	31.04	1.45	0.58	31.15	2.10	0.53
Olmo	Olmo	12	RO0080__	TR030_0150H	10.10	2.77	30.13	31.00	1.42	0.58	31.10	1.95	0.51
Olmo	Olmo	12	RO0080__	TR030_0200H	10.10	2.42	30.13	30.94	1.37	0.58	31.04	1.76	0.48
Olmo	Olmo	12	RO0080__	TR030_0300H	10.10	2.09	30.13	30.88	1.33	0.59	30.97	1.57	0.45
Olmo	Olmo	12	RO0080__	TR030_0400H	10.10	2.01	30.13	30.86	1.33	0.60	30.95	1.51	0.44
Olmo	Olmo	12	RO0080__	TR030_0500H	10.10	2.15	30.13	30.89	1.33	0.58	30.98	1.61	0.45
Olmo	Olmo	11	RO0070__	TR030_0030H	17.62	1.60	30.02	30.65	1.21	0.59	30.73	1.32	0.39
Olmo	Olmo	11	RO0070__	TR030_0050H	17.62	2.33	30.02	30.85	1.18	0.50	30.92	1.97	0.49
Olmo	Olmo	11	RO0070__	TR030_0100H	17.62	2.99	30.02	30.96	1.28	0.51	31.04	2.34	0.54
Olmo	Olmo	11	RO0070__	TR030_0150H	17.62	2.77	30.02	30.91	1.27	0.52	30.99	2.17	0.52
Olmo	Olmo	11	RO0070__	TR030_0200H	17.62	2.41	30.02	30.85	1.23	0.52	30.93	1.96	0.49
Olmo	Olmo	11	RO0070__	TR030_0300H	17.62	2.09	30.02	30.78	1.21	0.53	30.85	1.73	0.46
Olmo	Olmo	11	RO0070__	TR030_0400H	17.62	2.00	30.02	30.76	1.21	0.54	30.83	1.65	0.44
Olmo	Olmo	11	RO0070__	TR030_0500H	17.62	2.15	30.02	30.80	1.20	0.52	30.87	1.79	0.47
Olmo	Olmo	10	RO0060__	TR030_0030H	17.09	1.72	29.40	29.98	1.45	0.74	30.08	1.19	0.36
Olmo	Olmo	10	RO0060__	TR030_0050H	17.09	2.85	29.40	30.19	1.52	0.67	30.30	1.87	0.46
Olmo	Olmo	10	RO0060__	TR030_0100H	17.09	3.62	29.40	30.42	1.25	0.59	30.50	2.90	0.41
Olmo	Olmo	10	RO0060__	TR030_0150H	17.09	3.28	29.40	30.34	1.34	0.56	30.43	2.44	0.51
Olmo	Olmo	10	RO0060__	TR030_0200H	17.09	2.90	29.40	30.20	1.50	0.66	30.32	1.93	0.47
Olmo	Olmo	10	RO0060__	TR030_0300H	17.09	2.46	29.40	30.11	1.54	0.71	30.23	1.60	0.43
Olmo	Olmo	10	RO0060__	TR030_0400H	17.09	2.32	29.40	30.07	1.57	0.74	30.20	1.48	0.41
Olmo	Olmo	10	RO0060__	TR030_0500H	17.09	2.57	29.40	30.13	1.54	0.70	30.25	1.67	0.44
Olmo	Olmo	9	RO0050_A	TR030_0030H	14.97	1.37	28.73	29.63	0.66	0.27	29.65	2.09	0.50
Olmo	Olmo	9	RO0050_A	TR030_0050H	14.97	2.81	28.73	29.98	0.81	0.29	30.01	3.47	0.67
Olmo	Olmo	9	RO0050_A	TR030_0100H	14.97	3.38	28.73	30.23	0.64	0.28	30.25	5.29	0.48
Olmo	Olmo	9	RO0050_A	TR030_0150H	14.97	3.27	28.73	30.18	0.69	0.32	30.20	4.75	0.44
Olmo	Olmo	9	RO0050_A	TR030_0200H	14.97	2.90	28.73	30.01	0.80	0.28	30.04	3.61	0.68
Olmo	Olmo	9	RO0050_A	TR030_0300H	14.97	2.46	28.73	29.82	0.87	0.33	29.86	2.83	0.60
Olmo	Olmo	9	RO0050_A	TR030_0400H	14.97	2.31	28.73	29.68	1.02	0.41	29.73	2.27	0.53
Olmo	Olmo	9	RO0050_A	TR030_0500H	14.97	2.56	28.73	29.86	0.86	0.32	29.90	2.99	0.62
Olmo	Olmo	6.5		TR030_0030H	18.00	1.72	28.79	29.40	1.52	0.65	29.52	1.13	0.37
Olmo	Olmo	6.5		TR030_0050H	18.00	2.81	28.79	29.60	1.82	0.71	29.77	1.55	0.42
Olmo	Olmo	6.5		TR030_0100H	18.00	3.38	28.79	29.70	1.88	0.75	29.88	1.80	0.43
Olmo	Olmo	6.5		TR030_0150H	18.00	3.27	28.79	29.68	1.88	0.75	29.86	1.74	0.42
Olmo	Olmo	6.5		TR030_0200H	18.00	2.90	28.79	29.61	1.84	0.72	29.79	1.57	0.42
Olmo	Olmo	6.5		TR030_0300H	18.00	2.46	28.79	29.53	1.76	0.67	29.69	1.40	0.42
Olmo	Olmo	6.5		TR030_0400H	18.00	2.31	28.79	29.51	1.72	0.67	29.66	1.35	0.41
Olmo	Olmo	6.5		TR030_0500H	18.00	2.56	28.79	29.55	1.79	0.68	29.71	1.43	0.43
Olmo	Olmo	6	RO0040_D	TR030_0030H	17.22	1.72	28.54	29.27	1.26	0.60	29.35	1.37	0.39
Olmo	Olmo	6	RO0040_D	TR030_0050H	17.22	2.81	28.54	29.45	1.42	0.61	29.56	1.98	0.49
Olmo	Olmo	6	RO0040_D	TR030_0100H	17.22	3.38	28.54	29.54	1.49	0.61	29.65	2.28	0.52
Olmo	Olmo	6	RO0040_D	TR030_0150H	17.22	3.27	28.54	29.51	1.49	0.62	29.63	2.19	0.51
Olmo	Olmo	6	RO0040_D	TR030_0200H	17.22	2.89	28.54	29.46	1.45	0.62	29.57	2.00	0.49
Olmo	Olmo	6	RO0040_D	TR030_0300H	17.22	2.46	28.54	29.39	1.40	0.62	29.49	1.76	0.45
Olmo	Olmo	6	RO0040_D	TR030_0400H	17.22	2.31	28.54	29.37	1.38	0.62	29.46	1.68	0.44
Olmo	Olmo	6	RO0040_D	TR030_0500H	17.22	2.56	28.54	29.41	1.41	0.62	29.51	1.81	0.46
Olmo	Olmo	5	RO0030__	TR030_0030H	16.90	1.56	28.26	28.91	0.96	0.44	28.96	1.63	0.43
Olmo	Olmo	5	RO0030__	TR030_0050H	16.90	2.78	28.26	29.15	1.11	0.45	29.21	2.50	0.55
Olmo	Olmo	5	RO0030__	TR030_0100H	16.90	3.38	28.26	29.23	1.19	0.46	29.30	2.85	0.59
Olmo	Olmo	5	RO0030__	TR030_0150H	16.90	3.26	28.26	29.18	1.24	0.49	29.26	2.63	0.56
Olmo	Olmo	5	RO0030__	TR030_0200H	16.90	2.89	28.26	29.10	1.24	0.51	29.18	2.33	0.53
Olmo	Olmo	5	RO0030__	TR030_0300H	16.90	2.46	28.26	29.01	1.24	0.54	29.09	1.98	0.48
Olmo	Olmo	5	RO0030__	TR030_0400H	16.90	2.31	28.26	28.97	1.26	0.56	29.05	1.83	0.46
Olmo	Olmo	5	RO0030__	TR030_0500H	16.90	2.56	28.26	29.01	1.29	0.56	29.09	1.98	0.48
Olmo	Olmo	4	RO0020__	TR030_0030H	19.76	1.13	27.89	28.82	0.51	0.21	28.83	2.23	0.52
Olmo	Olmo	4	RO0020__	TR030_0050H	19.76	2.68	27.89	29.04	0.85	0.32	29.08	3.13	0.63
Olmo	Olmo	4	RO0020__	TR030_0100H	19.76	3.36	27.89	29.12	0.97	0.35	29.17	3.48	0.66
Olmo	Olmo	4	RO0020__	TR030_0150H	19.76	3.24	27.89	29.05	1.03	0.39	29.10	3.13	0.63
Olmo	Olmo	4	RO0020__	TR030_0200H	19.76	2.86	27.89	28.95	1.04	0.40	29.01	2.75	0.59
Olmo	Olmo	4	RO0020__	TR030_0300H	19.76	2.45	27.89	28.83	1.07	0.44	28.89	2.28	0.53
Olmo	Olmo	4	RO0020__	TR030_0400H	19.76	2.19	27.89	28.76	1.09	0.46	28.82	2.00	0.49

River	Reach	River Sta		Plan	Length Chnl (m)	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Vel Total (m/s)	Froude # XS	E.G. Elev (m)	Area (m2)	Hydr Radius (m)
Olmo	Olmo	4	RO0020_	TR030_0500H	19.76	2.56	27.89	28.80	1.19	0.50	28.87	2.15	0.51
Olmo	Olmo	3	RO0010_A	TR030_0030H	4.53	2.96	27.24	28.44	1.00	0.35	28.49	2.97	0.64
Olmo	Olmo	3	RO0010_A	TR030_0050H	4.53	4.38	27.24	28.72	1.09	0.35	28.78	4.02	0.75
Olmo	Olmo	3	RO0010_A	TR030_0100H	4.53	4.94	27.24	28.82	1.11	0.35	28.88	4.45	0.79
Olmo	Olmo	3	RO0010_A	TR030_0150H	4.53	4.49	27.24	28.74	1.09	0.35	28.80	4.11	0.76
Olmo	Olmo	3	RO0010_A	TR030_0200H	4.53	3.94	27.24	28.63	1.07	0.35	28.69	3.70	0.72
Olmo	Olmo	3	RO0010_A	TR030_0300H	4.53	3.25	27.24	28.50	1.02	0.35	28.56	3.18	0.67
Olmo	Olmo	3	RO0010_A	TR030_0400H	4.53	2.84	27.24	28.42	0.99	0.35	28.47	2.88	0.63
Olmo	Olmo	3	RO0010_A	TR030_0500H	4.53	3.11	27.24	28.47	1.01	0.35	28.53	3.08	0.65
Olmo	Olmo	0.5		TR030_0030H	5.00	2.96	26.54	27.39	1.75	0.60	27.55	1.69	0.46
Olmo	Olmo	0.5		TR030_0050H	5.00	4.38	26.54	27.66	1.97	0.59	27.86	2.23	0.53
Olmo	Olmo	0.5		TR030_0100H	5.00	4.94	26.54	27.76	2.03	0.59	27.97	2.43	0.55
Olmo	Olmo	0.5		TR030_0150H	5.00	4.49	26.54	27.68	1.98	0.59	27.88	2.27	0.53
Olmo	Olmo	0.5		TR030_0200H	5.00	3.94	26.54	27.58	1.91	0.60	27.76	2.07	0.51
Olmo	Olmo	0.5		TR030_0300H	5.00	3.25	26.54	27.45	1.80	0.60	27.61	1.81	0.48
Olmo	Olmo	0.5		TR030_0400H	5.00	2.84	26.54	27.37	1.72	0.60	27.52	1.65	0.45
Olmo	Olmo	0.5		TR030_0500H	5.00	3.11	26.54	27.42	1.77	0.60	27.58	1.75	0.47
Olmo	Olmo	0.1		TR030_0030H		2.96	26.54	27.32	1.90	0.69	27.51	1.56	0.44
Olmo	Olmo	0.1		TR030_0050H		4.38	26.54	27.59	2.10	0.66	27.81	2.08	0.51
Olmo	Olmo	0.1		TR030_0100H		4.94	26.54	27.69	2.16	0.65	27.93	2.28	0.53
Olmo	Olmo	0.1		TR030_0150H		4.49	26.54	27.61	2.12	0.65	27.84	2.12	0.52
Olmo	Olmo	0.1		TR030_0200H		3.94	26.54	27.51	2.05	0.66	27.72	1.92	0.49
Olmo	Olmo	0.1		TR030_0300H		3.25	26.54	27.38	1.95	0.68	27.57	1.67	0.46
Olmo	Olmo	0.1		TR030_0400H		2.84	26.54	27.30	1.88	0.69	27.48	1.51	0.43
Olmo	Olmo	0.1		TR030_0500H		3.11	26.54	27.35	1.92	0.68	27.54	1.61	0.45

6.1.2 TEMPO DI RITORNO 200 ANNI

River	Reach	River Sta		Plan	Length Chnl (m)	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Vel Total (m/s)	Froude # XS	E.G. Elev (m)	Area (m2)	Hydr Radius (m)
Olmo	Olmo	14	RO0100__	TR200_0030H	18.76	4.30	32.83	33.86	2.54	1.02	34.19	1.69	0.48
Olmo	Olmo	14	RO0100__	TR200_0050H	18.76	5.46	32.83	33.98	2.71	1.03	34.35	2.01	0.53
Olmo	Olmo	14	RO0100__	TR200_0100H	18.76	6.20	32.83	34.04	2.80	1.04	34.44	2.21	0.55
Olmo	Olmo	14	RO0100__	TR200_0150H	18.76	6.76	32.83	34.09	2.86	1.05	34.51	2.36	0.57
Olmo	Olmo	14	RO0100__	TR200_0200H	18.76	6.38	32.83	34.06	2.82	1.04	34.46	2.26	0.56
Olmo	Olmo	14	RO0100__	TR200_0300H	18.76	5.31	32.83	33.96	2.69	1.03	34.33	1.97	0.52
Olmo	Olmo	14	RO0100__	TR200_0400H	18.76	4.44	32.83	33.87	2.57	1.02	34.21	1.73	0.49
Olmo	Olmo	14	RO0100__	TR200_0500H	18.76	3.76	32.83	33.80	2.46	1.01	34.10	1.53	0.46
Olmo	Olmo	13	RO0090__	TR200_0030H	16.50	4.29	31.20	32.18	2.28	0.94	32.45	1.88	0.49
Olmo	Olmo	13	RO0090__	TR200_0050H	16.50	5.43	31.20	32.29	2.42	0.94	32.59	2.25	0.54
Olmo	Olmo	13	RO0090__	TR200_0100H	16.50	6.17	31.20	32.36	2.50	0.94	32.68	2.47	0.57
Olmo	Olmo	13	RO0090__	TR200_0150H	16.50	6.75	31.20	32.41	2.55	0.95	32.74	2.64	0.59
Olmo	Olmo	13	RO0090__	TR200_0200H	16.50	6.37	31.20	32.38	2.51	0.94	32.70	2.53	0.57
Olmo	Olmo	13	RO0090__	TR200_0300H	16.50	5.31	31.20	32.28	2.40	0.94	32.58	2.21	0.53
Olmo	Olmo	13	RO0090__	TR200_0400H	16.50	4.44	31.20	32.20	2.30	0.94	32.46	1.93	0.50
Olmo	Olmo	13	RO0090__	TR200_0500H	16.50	3.76	31.20	32.12	2.20	0.93	32.37	1.71	0.46
Olmo	Olmo	12	RO0080__	TR200_0030H	10.10	4.29	30.13	31.23	1.57	0.58	31.35	2.74	0.61
Olmo	Olmo	12	RO0080__	TR200_0050H	10.10	5.42	30.13	31.37	1.64	0.57	31.51	3.30	0.67
Olmo	Olmo	12	RO0080__	TR200_0100H	10.10	6.16	30.13	31.43	1.75	0.60	31.59	3.53	0.70
Olmo	Olmo	12	RO0080__	TR200_0150H	10.10	6.74	30.13	31.47	1.82	0.62	31.64	3.70	0.72
Olmo	Olmo	12	RO0080__	TR200_0200H	10.10	6.37	30.13	31.45	1.77	0.60	31.61	3.60	0.71
Olmo	Olmo	12	RO0080__	TR200_0300H	10.10	5.30	30.13	31.34	1.67	0.59	31.48	3.18	0.66
Olmo	Olmo	12	RO0080__	TR200_0400H	10.10	4.44	30.13	31.23	1.61	0.59	31.36	2.76	0.61
Olmo	Olmo	12	RO0080__	TR200_0500H	10.10	3.76	30.13	31.14	1.55	0.59	31.26	2.43	0.57
Olmo	Olmo	11	RO0070__	TR200_0030H	17.62	4.27	30.02	31.15	1.39	0.51	31.24	3.06	0.63
Olmo	Olmo	11	RO0070__	TR200_0050H	17.62	5.40	30.02	31.30	1.46	0.50	31.41	3.70	0.70
Olmo	Olmo	11	RO0070__	TR200_0100H	17.62	6.15	30.02	31.35	1.57	0.55	31.47	3.91	0.70
Olmo	Olmo	11	RO0070__	TR200_0150H	17.62	6.71	30.02	31.38	1.65	0.60	31.51	4.06	0.66
Olmo	Olmo	11	RO0070__	TR200_0200H	17.62	6.37	30.02	31.36	1.60	0.57	31.49	3.98	0.68
Olmo	Olmo	11	RO0070__	TR200_0300H	17.62	5.30	30.02	31.26	1.50	0.52	31.38	3.54	0.69
Olmo	Olmo	11	RO0070__	TR200_0400H	17.62	4.44	30.02	31.14	1.45	0.53	31.25	3.06	0.63
Olmo	Olmo	11	RO0070__	TR200_0500H	17.62	3.76	30.02	31.05	1.40	0.53	31.15	2.69	0.59
Olmo	Olmo	10	RO0060__	TR200_0030H	17.09	4.99	29.40	30.49	1.50	0.67	30.60	3.34	0.46
Olmo	Olmo	10	RO0060__	TR200_0050H	17.09	5.88	29.40	30.52	1.64	0.71	30.66	3.58	0.49
Olmo	Olmo	10	RO0060__	TR200_0100H	17.09	6.21	29.40	30.54	1.69	0.72	30.68	3.68	0.50
Olmo	Olmo	10	RO0060__	TR200_0150H	17.09	6.45	29.40	30.55	1.72	0.73	30.70	3.74	0.51
Olmo	Olmo	10	RO0060__	TR200_0200H	17.09	6.33	29.40	30.54	1.71	0.73	30.69	3.71	0.50
Olmo	Olmo	10	RO0060__	TR200_0300H	17.09	5.71	29.40	30.52	1.61	0.70	30.65	3.54	0.49
Olmo	Olmo	10	RO0060__	TR200_0400H	17.09	5.02	29.40	30.49	1.50	0.67	30.60	3.34	0.46
Olmo	Olmo	10	RO0060__	TR200_0500H	17.09	4.38	29.40	30.46	1.39	0.63	30.56	3.16	0.44
Olmo	Olmo	9	RO0050_A	TR200_0030H	14.97	3.44	28.73	30.29	0.58	0.24	30.31	5.91	0.53
Olmo	Olmo	9	RO0050_A	TR200_0050H	14.97	3.50	28.73	30.32	0.57	0.23	30.33	6.15	0.55
Olmo	Olmo	9	RO0050_A	TR200_0100H	14.97	3.58	28.73	30.32	0.58	0.23	30.34	6.20	0.55
Olmo	Olmo	9	RO0050_A	TR200_0150H	14.97	3.60	28.73	30.33	0.58	0.23	30.34	6.25	0.56
Olmo	Olmo	9	RO0050_A	TR200_0200H	14.97	3.60	28.73	30.32	0.58	0.23	30.34	6.22	0.56
Olmo	Olmo	9	RO0050_A	TR200_0300H	14.97	3.57	28.73	30.31	0.59	0.24	30.33	6.07	0.54
Olmo	Olmo	9	RO0050_A	TR200_0400H	14.97	3.52	28.73	30.29	0.60	0.25	30.31	5.88	0.53
Olmo	Olmo	9	RO0050_A	TR200_0500H	14.97	3.47	28.73	30.27	0.61	0.26	30.29	5.66	0.51
Olmo	Olmo	6.5		TR200_0030H	18.00	3.43	28.79	29.76	1.74	0.70	29.91	1.97	0.43
Olmo	Olmo	6.5		TR200_0050H	18.00	3.50	28.79	29.76	1.76	0.71	29.92	1.99	0.43
Olmo	Olmo	6.5		TR200_0100H	18.00	3.58	28.79	29.74	1.87	0.75	29.92	1.92	0.43
Olmo	Olmo	6.5		TR200_0150H	18.00	3.60	28.79	29.74	1.89	0.76	29.92	1.91	0.43
Olmo	Olmo	6.5		TR200_0200H	18.00	3.60	28.79	29.73	1.90	0.76	29.92	1.90	0.43
Olmo	Olmo	6.5		TR200_0300H	18.00	3.57	28.79	29.73	1.91	0.76	29.91	1.87	0.43
Olmo	Olmo	6.5		TR200_0400H	18.00	3.52	28.79	29.72	1.91	0.76	29.90	1.84	0.43
Olmo	Olmo	6.5		TR200_0500H	18.00	3.47	28.79	29.71	1.91	0.76	29.89	1.82	0.43
Olmo	Olmo	6	RO0040_D	TR200_0030H	17.22	3.43	28.54	29.64	1.27	0.50	29.72	2.69	0.57
Olmo	Olmo	6	RO0040_D	TR200_0050H	17.22	3.50	28.54	29.64	1.30	0.51	29.73	2.69	0.57
Olmo	Olmo	6	RO0040_D	TR200_0100H	17.22	3.55	28.54	29.59	1.43	0.57	29.69	2.48	0.55
Olmo	Olmo	6	RO0040_D	TR200_0150H	17.22	3.60	28.54	29.58	1.48	0.60	29.69	2.43	0.54
Olmo	Olmo	6	RO0040_D	TR200_0200H	17.22	3.60	28.54	29.57	1.50	0.61	29.68	2.40	0.54
Olmo	Olmo	6	RO0040_D	TR200_0300H	17.22	3.57	28.54	29.55	1.52	0.62	29.67	2.35	0.53
Olmo	Olmo	6	RO0040_D	TR200_0400H	17.22	3.52	28.54	29.54	1.53	0.62	29.66	2.31	0.53
Olmo	Olmo	6	RO0040_D	TR200_0500H	17.22	3.47	28.54	29.54	1.53	0.63	29.65	2.28	0.52
Olmo	Olmo	5	RO0030__	TR200_0030H	16.90	3.41	28.26	29.51	0.83	0.30	29.54	4.13	0.67
Olmo	Olmo	5	RO0030__	TR200_0050H	16.90	3.49	28.26	29.50	0.85	0.31	29.54	4.09	0.67
Olmo	Olmo	5	RO0030__	TR200_0100H	16.90	3.54	28.26	29.37	1.02	0.37	29.42	3.46	0.65
Olmo	Olmo	5	RO0030__	TR200_0150H	16.90	3.60	28.26	29.31	1.13	0.42	29.37	3.18	0.63
Olmo	Olmo	5	RO0030__	TR200_0200H	16.90	3.60	28.26	29.28	1.18	0.45	29.35	3.04	0.61
Olmo	Olmo	5	RO0030__	TR200_0300H	16.90	3.56	28.26	29.23	1.26	0.49	29.31	2.82	0.59
Olmo	Olmo	5	RO0030__	TR200_0400H	16.90	3.52	28.26	29.20	1.30	0.51	29.28	2.70	0.57
Olmo	Olmo	5	RO0030__	TR200_0500H	16.90	3.47	28.26	29.17	1.33	0.53	29.26	2.61	0.56
Olmo	Olmo	4	RO0020__	TR200_0030H	19.76	3.39	27.89	29.47	0.65	0.22	29.49	5.23	0.76
Olmo	Olmo	4	RO0020__	TR200_0050H	19.76	3.48	27.89	29.46	0.67	0.23	29.48	5.18	0.75
Olmo	Olmo	4	RO0020__	TR200_0100H	19.76	3.53	27.89	29.31	0.81	0.28	29.34	4.36	0.74
Olmo	Olmo	4	RO0020__	TR200_0150H	19.76	3.59	27.89	29.22	0.91	0.32	29.27	3.94	0.71
Olmo	Olmo	4	RO0020__	TR200_0200H	19.76	3.59	27.89	29.18	0.97	0.34	29.22	3.72	0.68
Olmo	Olmo	4	RO0020__	TR200_0300H	19.76	3.56	27.89	29.10	1.06	0.39	29.15	3.36	0.65
Olmo	Olmo	4	RO0020__	TR200_0400H	19.76	3.52	27.89	29.04	1.13	0.42	29.11	3.13	0.63

River	Reach	River Sta		Plan	Length Chnl (m)	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Vel Total (m/s)	Froude # XS	E.G. Elev (m)	Area (m2)	Hydr Radius (m)
Olmo	Olmo	4	RO0020__	TR200_0500H	19.76	3.47	27.89	29.01	1.17	0.44	29.08	2.97	0.61
Olmo	Olmo	3	RO0010_A	TR200_0030H	4.53	7.03	27.24	29.16	1.16	0.34	29.23	6.05	0.92
Olmo	Olmo	3	RO0010_A	TR200_0050H	4.53	6.98	27.24	29.15	1.16	0.34	29.22	6.02	0.92
Olmo	Olmo	3	RO0010_A	TR200_0100H	4.53	6.04	27.24	29.00	1.14	0.34	29.07	5.29	0.86
Olmo	Olmo	3	RO0010_A	TR200_0150H	4.53	5.55	27.24	28.92	1.13	0.35	28.99	4.91	0.83
Olmo	Olmo	3	RO0010_A	TR200_0200H	4.53	5.27	27.24	28.87	1.12	0.35	28.94	4.70	0.81
Olmo	Olmo	3	RO0010_A	TR200_0300H	4.53	4.83	27.24	28.80	1.11	0.35	28.86	4.37	0.78
Olmo	Olmo	3	RO0010_A	TR200_0400H	4.53	4.55	27.24	28.75	1.10	0.35	28.81	4.16	0.76
Olmo	Olmo	3	RO0010_A	TR200_0500H	4.53	4.34	27.24	28.71	1.09	0.35	28.77	4.00	0.75
Olmo	Olmo	0.5		TR200_0030H	5.00	7.03	26.54	28.13	2.23	0.57	28.38	3.15	0.61
Olmo	Olmo	0.5		TR200_0050H	5.00	6.98	26.54	28.12	2.23	0.57	28.37	3.14	0.61
Olmo	Olmo	0.5		TR200_0100H	5.00	6.04	26.54	27.96	2.15	0.58	28.19	2.82	0.58
Olmo	Olmo	0.5		TR200_0150H	5.00	5.55	26.54	27.87	2.10	0.58	28.10	2.64	0.57
Olmo	Olmo	0.5		TR200_0200H	5.00	5.27	26.54	27.82	2.07	0.58	28.04	2.55	0.56
Olmo	Olmo	0.5		TR200_0300H	5.00	4.83	26.54	27.74	2.02	0.59	27.95	2.39	0.54
Olmo	Olmo	0.5		TR200_0400H	5.00	4.55	26.54	27.69	1.99	0.59	27.89	2.29	0.53
Olmo	Olmo	0.5		TR200_0500H	5.00	4.34	26.54	27.65	1.96	0.59	27.85	2.21	0.53
Olmo	Olmo	0.1		TR200_0030H		7.03	26.54	28.05	2.34	0.61	28.33	3.00	0.60
Olmo	Olmo	0.1		TR200_0050H		6.98	26.54	28.04	2.34	0.61	28.32	2.99	0.60
Olmo	Olmo	0.1		TR200_0100H		6.04	26.54	27.88	2.27	0.63	28.14	2.67	0.57
Olmo	Olmo	0.1		TR200_0150H		5.55	26.54	27.80	2.22	0.63	28.05	2.50	0.56
Olmo	Olmo	0.1		TR200_0200H		5.27	26.54	27.75	2.20	0.64	27.99	2.40	0.55
Olmo	Olmo	0.1		TR200_0300H		4.83	26.54	27.67	2.15	0.65	27.91	2.25	0.53
Olmo	Olmo	0.1		TR200_0400H		4.55	26.54	27.62	2.12	0.65	27.85	2.14	0.52
Olmo	Olmo	0.1		TR200_0500H		4.34	26.54	27.58	2.10	0.66	27.81	2.07	0.51

6.2 RIO GUIDI

6.2.1 TEMPO DI RITORNO 30 ANNI

River	Reach	River Sta		Plan	Length Chnl	Q Total	Min Ch El	W.S. Elev	Vel Total	Froude # XS	E.G. Elev	Area	Hydr Radius
					(m)	(m3/s)	(m)	(m)	(m/s)		(m)	(m2)	(m)
Guidi	Guidi	21	RG0170__	TR030_0030H	17.37	10.96	31.63	33.44	2.87	0.93	33.86	3.82	0.63
Guidi	Guidi	21	RG0170__	TR030_0050H	17.37	13.87	31.63	33.61	3.04	0.96	34.08	4.57	0.68
Guidi	Guidi	21	RG0170__	TR030_0100H	17.37	15.93	31.63	33.72	3.15	0.97	34.22	5.05	0.71
Guidi	Guidi	21	RG0170__	TR030_0150H	17.37	15.17	31.63	33.68	3.11	0.97	34.17	4.88	0.70
Guidi	Guidi	21	RG0170__	TR030_0200H	17.37	13.48	31.63	33.59	3.01	0.96	34.05	4.47	0.67
Guidi	Guidi	21	RG0170__	TR030_0300H	17.37	11.54	31.63	33.47	2.90	0.94	33.90	3.98	0.64
Guidi	Guidi	21	RG0170__	TR030_0400H	17.37	10.33	31.63	33.39	2.83	0.93	33.80	3.65	0.62
Guidi	Guidi	21	RG0170__	TR030_0500H	17.37	9.47	31.63	33.33	2.78	0.92	33.72	3.41	0.61
Guidi	Guidi	20	RG0160__	TR030_0030H	14.77	10.94	31.17	32.69	2.64	0.86	33.05	4.14	0.73
Guidi	Guidi	20	RG0160__	TR030_0050H	14.77	13.67	31.17	32.87	2.78	0.87	33.26	4.92	0.79
Guidi	Guidi	20	RG0160__	TR030_0100H	14.77	15.56	31.17	32.99	2.83	0.87	33.40	5.50	0.82
Guidi	Guidi	20	RG0160__	TR030_0150H	14.77	14.86	31.17	32.94	2.81	0.87	33.35	5.29	0.81
Guidi	Guidi	20	RG0160__	TR030_0200H	14.77	13.33	31.17	32.85	2.76	0.87	33.24	4.83	0.79
Guidi	Guidi	20	RG0160__	TR030_0300H	14.77	11.52	31.17	32.73	2.67	0.86	33.10	4.31	0.75
Guidi	Guidi	20	RG0160__	TR030_0400H	14.77	10.32	31.17	32.65	2.60	0.85	33.00	3.97	0.72
Guidi	Guidi	20	RG0160__	TR030_0500H	14.77	9.47	31.17	32.59	2.54	0.85	32.92	3.73	0.70
Guidi	Guidi	19	RG0150__	TR030_0030H	16.26	10.93	30.51	32.12	2.86	0.93	32.54	3.82	0.68
Guidi	Guidi	19	RG0150__	TR030_0050H	16.26	13.75	30.51	32.29	3.06	0.94	32.76	4.50	0.75
Guidi	Guidi	19	RG0150__	TR030_0100H	16.26	15.75	30.51	32.40	3.17	0.95	32.91	4.96	0.79
Guidi	Guidi	19	RG0150__	TR030_0150H	16.26	15.02	30.51	32.36	3.13	0.95	32.86	4.80	0.77
Guidi	Guidi	19	RG0150__	TR030_0200H	16.26	13.40	30.51	32.27	3.03	0.94	32.74	4.42	0.74
Guidi	Guidi	19	RG0150__	TR030_0300H	16.26	11.49	30.51	32.17	2.88	0.92	32.59	4.00	0.70
Guidi	Guidi	19	RG0150__	TR030_0400H	16.26	10.32	30.51	32.09	2.80	0.92	32.49	3.69	0.67
Guidi	Guidi	19	RG0150__	TR030_0500H	16.26	9.47	30.51	32.03	2.72	0.91	32.41	3.48	0.65
Guidi	Guidi	18	RG0140__	TR030_0030H	1.92	10.94	30.15	31.49	2.50	0.82	31.81	4.38	0.76
Guidi	Guidi	18	RG0140__	TR030_0050H	1.92	13.77	30.15	31.64	2.70	0.85	32.01	5.09	0.82
Guidi	Guidi	18	RG0140__	TR030_0100H	1.92	15.77	30.15	31.73	2.82	0.87	32.14	5.59	0.85
Guidi	Guidi	18	RG0140__	TR030_0150H	1.92	15.06	30.15	31.70	2.77	0.86	32.10	5.44	0.84
Guidi	Guidi	18	RG0140__	TR030_0200H	1.92	13.35	30.15	31.63	2.64	0.83	31.98	5.05	0.82
Guidi	Guidi	18	RG0140__	TR030_0300H	1.92	11.69	30.15	31.54	2.52	0.82	31.87	4.64	0.78
Guidi	Guidi	18	RG0140__	TR030_0400H	1.92	10.45	30.15	31.47	2.42	0.80	31.77	4.31	0.75
Guidi	Guidi	18	RG0140__	TR030_0500H	1.92	9.64	30.15	31.43	2.36	0.79	31.71	4.09	0.73
Guidi	Guidi	17	RG0130__	TR030_0030H	17.94	10.94	30.06	31.09	2.68	0.97	31.46	4.07	0.67
Guidi	Guidi	17	RG0130__	TR030_0050H	17.94	13.77	30.06	31.22	2.88	0.99	31.65	4.78	0.73
Guidi	Guidi	17	RG0130__	TR030_0100H	17.94	15.50	30.06	31.32	2.91	0.96	31.75	5.33	0.78
Guidi	Guidi	17	RG0130__	TR030_0150H	17.94	14.75	30.06	31.31	2.81	0.93	31.71	5.26	0.77
Guidi	Guidi	17	RG0130__	TR030_0200H	17.94	13.13	30.06	31.25	2.67	0.91	31.61	4.92	0.74
Guidi	Guidi	17	RG0130__	TR030_0300H	17.94	11.69	30.06	31.18	2.59	0.90	31.52	4.52	0.71
Guidi	Guidi	17	RG0130__	TR030_0400H	17.94	10.45	30.06	31.11	2.51	0.90	31.43	4.17	0.68
Guidi	Guidi	17	RG0130__	TR030_0500H	17.94	9.64	30.06	31.07	2.43	0.89	31.37	3.96	0.66
Guidi	Guidi_Valle	16	RG0120__	TR030_0030H	1.98	11.30	30.00	31.09	2.18	0.83	31.34	5.18	0.66
Guidi	Guidi_Valle	16	RG0120__	TR030_0050H	1.98	14.45	30.00	31.22	2.34	0.83	31.50	6.16	0.74
Guidi	Guidi_Valle	16	RG0120__	TR030_0100H	1.98	16.98	30.00	31.32	2.45	0.84	31.63	6.93	0.80
Guidi	Guidi_Valle	16	RG0120__	TR030_0150H	1.98	16.63	30.00	31.31	2.44	0.84	31.61	6.82	0.79
Guidi	Guidi_Valle	16	RG0120__	TR030_0200H	1.98	15.08	30.00	31.25	2.37	0.84	31.54	6.35	0.76
Guidi	Guidi_Valle	16	RG0120__	TR030_0300H	1.98	13.26	30.00	31.18	2.29	0.83	31.44	5.80	0.71
Guidi	Guidi_Valle	16	RG0120__	TR030_0400H	1.98	11.71	30.00	31.11	2.20	0.83	31.36	5.31	0.67
Guidi	Guidi_Valle	16	RG0120__	TR030_0500H	1.98	10.82	30.00	31.07	2.15	0.82	31.31	5.03	0.65
Guidi	Guidi_Valle	15	RG0110__	TR030_0030H	16.91	11.29	29.65	30.62	2.75	1.08	31.00	4.11	0.61
Guidi	Guidi_Valle	15	RG0110__	TR030_0050H	16.91	14.44	29.65	30.76	2.87	1.05	31.18	5.03	0.69
Guidi	Guidi_Valle	15	RG0110__	TR030_0100H	16.91	16.98	29.65	30.87	2.93	1.03	31.31	5.79	0.76
Guidi	Guidi_Valle	15	RG0110__	TR030_0150H	16.91	16.63	29.65	30.86	2.93	1.03	31.29	5.68	0.75
Guidi	Guidi_Valle	15	RG0110__	TR030_0200H	16.91	15.08	29.65	30.79	2.89	1.05	31.21	5.21	0.71
Guidi	Guidi_Valle	15	RG0110__	TR030_0300H	16.91	13.26	29.65	30.71	2.82	1.06	31.12	4.69	0.67
Guidi	Guidi_Valle	15	RG0110__	TR030_0400H	16.91	11.71	29.65	30.64	2.76	1.07	31.03	4.24	0.62
Guidi	Guidi_Valle	15	RG0110__	TR030_0500H	16.91	10.82	29.65	30.59	2.72	1.08	30.97	3.97	0.60
Guidi	Guidi_Valle	14	RG0100__	TR030_0030H	15.09	11.29	28.74	30.07	2.73	0.97	30.45	4.14	0.67
Guidi	Guidi_Valle	14	RG0100__	TR030_0050H	15.09	14.44	28.74	30.28	2.74	0.90	30.67	5.27	0.78
Guidi	Guidi_Valle	14	RG0100__	TR030_0100H	15.09	16.98	28.74	30.44	2.74	0.86	30.83	6.20	0.85
Guidi	Guidi_Valle	14	RG0100__	TR030_0150H	15.09	16.62	28.74	30.42	2.74	0.86	30.80	6.07	0.84
Guidi	Guidi_Valle	14	RG0100__	TR030_0200H	15.09	15.07	28.74	30.32	2.74	0.89	30.71	5.50	0.80
Guidi	Guidi_Valle	14	RG0100__	TR030_0300H	15.09	13.25	28.74	30.20	2.74	0.92	30.59	4.84	0.74
Guidi	Guidi_Valle	14	RG0100__	TR030_0400H	15.09	11.71	28.74	30.10	2.73	0.96	30.48	4.29	0.69
Guidi	Guidi_Valle	14	RG0100__	TR030_0500H	15.09	10.82	28.74	30.04	2.72	0.98	30.42	3.97	0.66
Guidi	Guidi_Valle	13	RG0090_A	TR030_0030H	5.71	11.28	28.41	29.77	1.86	0.51	29.94	6.06	0.85
Guidi	Guidi_Valle	13	RG0090_A	TR030_0050H	5.71	14.44	28.41	30.02	2.01	0.51	30.23	7.18	0.94
Guidi	Guidi_Valle	13	RG0090_A	TR030_0100H	5.71	16.97	28.41	30.21	2.11	0.50	30.44	8.03	1.00
Guidi	Guidi_Valle	13	RG0090_A	TR030_0150H	5.71	16.62	28.41	30.18	2.10	0.50	30.41	7.91	0.99
Guidi	Guidi_Valle	13	RG0090_A	TR030_0200H	5.71	15.07	28.41	30.07	2.03	0.50	30.28	7.41	0.95
Guidi	Guidi_Valle	13	RG0090_A	TR030_0300H	5.71	13.25	28.41	29.93	1.95	0.51	30.12	6.78	0.91
Guidi	Guidi_Valle	13	RG0090_A	TR030_0400H	5.71	11.71	28.41	29.80	1.88	0.51	29.99	6.22	0.86
Guidi	Guidi_Valle	13	RG0090_A	TR030_0500H	5.71	10.81	28.41	29.73	1.84	0.51	29.90	5.89	0.83
Guidi	Guidi_Valle	12		TR030_0030H	22.09	11.28	28.21	29.76	1.68	0.44	29.91	6.70	0.91
Guidi	Guidi_Valle	12		TR030_0050H	22.09	14.44	28.21	30.01	1.84	0.45	30.19	7.84	1.00
Guidi	Guidi_Valle	12		TR030_0100H	22.09	16.97	28.21	30.20	1.96	0.45	30.40	8.68	1.05
Guidi	Guidi_Valle	12		TR030_0150H	22.09	16.62	28.21	30.18	1.94	0.45	30.37	8.57	1.05
Guidi	Guidi_Valle	12		TR030_0200H	22.09	15.07	28.21	30.06	1.87	0.45	30.24	8.06	1.01
Guidi	Guidi_Valle	12		TR030_0300H	22.09	13.25	28.21	29.92	1.78	0.44	30.09	7.44	0.97
Guidi	Guidi_Valle	12		TR030_0400H	22.09	11.71	28.21	29.80	1.70	0.44	29.95	6.87	0.92
Guidi	Guidi_Valle	12		TR030_0500H	22.09	10.81	28.21	29.72	1.65	0.44	29.86	6.54	0.90

River	Reach	River Sta	Plan	Length Chnl (m)	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Vel Total (m/s)	Froude # XS	E.G. Elev (m)	Area (m2)	Hydr Radius (m)
Guidi	Guidi_Valle	11	TR030_0030H	4.58	11.28	28.16	29.66	1.79	0.48	29.82	6.29	0.85
Guidi	Guidi_Valle	11	TR030_0050H	4.58	14.44	28.16	29.90	1.95	0.49	30.10	7.40	0.94
Guidi	Guidi_Valle	11	TR030_0100H	4.58	16.97	28.16	30.08	2.06	0.49	30.30	8.22	1.00
Guidi	Guidi_Valle	11	TR030_0150H	4.58	16.62	28.16	30.06	2.05	0.49	30.27	8.11	0.99
Guidi	Guidi_Valle	11	TR030_0200H	4.58	15.07	28.16	29.95	1.98	0.49	30.15	7.62	0.96
Guidi	Guidi_Valle	11	TR030_0300H	4.58	13.25	28.16	29.82	1.89	0.48	30.00	7.01	0.91
Guidi	Guidi_Valle	11	TR030_0400H	4.58	11.71	28.16	29.69	1.81	0.48	29.86	6.46	0.87
Guidi	Guidi_Valle	11	TR030_0500H	4.58	10.81	28.16	29.62	1.76	0.48	29.78	6.13	0.84
Guidi	Guidi_Valle	10	RG0080_D	16.46	11.28	27.92	29.59	2.02	0.55	29.80	5.57	0.79
Guidi	Guidi_Valle	10	RG0080_D	16.46	14.44	27.92	29.83	2.21	0.56	30.08	6.52	0.87
Guidi	Guidi_Valle	10	RG0080_D	16.46	16.97	27.92	30.00	2.35	0.56	30.29	7.23	0.92
Guidi	Guidi_Valle	10	RG0080_D	16.46	16.62	27.92	29.98	2.33	0.56	30.26	7.14	0.91
Guidi	Guidi_Valle	10	RG0080_D	16.46	15.07	27.92	29.88	2.24	0.56	30.13	6.72	0.88
Guidi	Guidi_Valle	10	RG0080_D	16.46	13.25	27.92	29.75	2.14	0.55	29.98	6.19	0.84
Guidi	Guidi_Valle	10	RG0080_D	16.46	11.71	27.92	29.63	2.05	0.55	29.84	5.72	0.80
Guidi	Guidi_Valle	10	RG0080_D	16.46	10.81	27.92	29.56	1.99	0.55	29.76	5.44	0.78
Guidi	Guidi_Valle	9	RG0070_	10.87	11.27	27.79	29.12	2.34	0.69	29.40	4.82	0.76
Guidi	Guidi_Valle	9	RG0070_	10.87	14.43	27.79	29.31	2.57	0.70	29.65	5.62	0.83
Guidi	Guidi_Valle	9	RG0070_	10.87	16.97	27.79	29.46	2.74	0.71	29.84	6.20	0.88
Guidi	Guidi_Valle	9	RG0070_	10.87	16.62	27.79	29.44	2.71	0.71	29.81	6.13	0.88
Guidi	Guidi_Valle	9	RG0070_	10.87	15.07	27.79	29.36	2.60	0.70	29.70	5.80	0.85
Guidi	Guidi_Valle	9	RG0070_	10.87	13.25	27.79	29.25	2.47	0.69	29.56	5.37	0.81
Guidi	Guidi_Valle	9	RG0070_	10.87	11.70	27.79	29.15	2.36	0.68	29.44	4.96	0.77
Guidi	Guidi_Valle	9	RG0070_	10.87	10.81	27.79	29.10	2.29	0.68	29.36	4.73	0.75
Guidi	Guidi_Valle	8	RG0060_	18.27	11.27	27.62	29.04	2.12	0.70	29.27	5.31	0.81
Guidi	Guidi_Valle	8	RG0060_	18.27	14.43	27.62	29.24	2.24	0.69	29.49	6.46	0.90
Guidi	Guidi_Valle	8	RG0060_	18.27	16.97	27.62	29.38	2.31	0.69	29.65	7.33	0.96
Guidi	Guidi_Valle	8	RG0060_	18.27	16.62	27.62	29.36	2.30	0.69	29.63	7.23	0.96
Guidi	Guidi_Valle	8	RG0060_	18.27	15.07	27.62	29.28	2.24	0.68	29.54	6.74	0.92
Guidi	Guidi_Valle	8	RG0060_	18.27	13.25	27.62	29.18	2.16	0.68	29.42	6.12	0.87
Guidi	Guidi_Valle	8	RG0060_	18.27	11.67	27.62	29.08	2.11	0.68	29.31	5.53	0.83
Guidi	Guidi_Valle	8	RG0060_	18.27	10.81	27.62	29.02	2.08	0.69	29.24	5.21	0.80
Guidi	Guidi_Valle	7	RG0050_	18.98	11.26	26.27	28.10	2.53	0.81	28.43	4.45	0.72
Guidi	Guidi_Valle	7	RG0050_	18.98	14.43	26.27	28.30	2.68	0.82	28.67	5.39	0.79
Guidi	Guidi_Valle	7	RG0050_	18.98	16.98	26.27	28.44	2.77	0.83	28.83	6.13	0.84
Guidi	Guidi_Valle	7	RG0050_	18.98	16.65	26.27	28.43	2.75	0.83	28.81	6.05	0.83
Guidi	Guidi_Valle	7	RG0050_	18.98	15.18	26.27	28.35	2.70	0.82	28.72	5.62	0.81
Guidi	Guidi_Valle	7	RG0050_	18.98	13.41	26.27	28.24	2.63	0.82	28.59	5.10	0.77
Guidi	Guidi_Valle	7	RG0050_	18.98	11.80	26.27	28.14	2.55	0.81	28.47	4.62	0.73
Guidi	Guidi_Valle	7	RG0050_	18.98	10.92	26.27	28.08	2.51	0.81	28.40	4.35	0.71
Guidi	Guidi_Valle	6	RG0040_	10.32	11.26	25.47	26.96	2.81	0.94	27.36	4.01	0.73
Guidi	Guidi_Valle	6	RG0040_	10.32	14.43	25.47	27.15	2.96	0.94	27.60	4.88	0.81
Guidi	Guidi_Valle	6	RG0040_	10.32	16.27	25.47	27.33	2.82	0.86	27.73	5.76	0.88
Guidi	Guidi_Valle	6	RG0040_	10.32	16.50	25.47	27.34	2.83	0.85	27.75	5.84	0.88
Guidi	Guidi_Valle	6	RG0040_	10.32	15.14	25.47	27.24	2.85	0.88	27.65	5.32	0.84
Guidi	Guidi_Valle	6	RG0040_	10.32	13.41	25.47	27.12	2.84	0.91	27.53	4.72	0.80
Guidi	Guidi_Valle	6	RG0040_	10.32	11.79	25.47	27.01	2.79	0.92	27.41	4.23	0.75
Guidi	Guidi_Valle	6	RG0040_	10.32	10.92	25.47	26.95	2.74	0.92	27.34	3.98	0.73
Guidi	Guidi_Valle	5	RG0030_	17.98	11.26	25.44	26.69	2.75	0.97	27.08	4.09	0.68
Guidi	Guidi_Valle	5	RG0030_	17.98	14.39	25.44	26.90	2.78	0.91	27.29	5.18	0.79
Guidi	Guidi_Valle	5	RG0030_	17.98	16.22	25.44	27.12	2.52	0.77	27.45	6.44	0.89
Guidi	Guidi_Valle	5	RG0030_	17.98	16.47	25.44	27.14	2.52	0.76	27.46	6.54	0.90
Guidi	Guidi_Valle	5	RG0030_	17.98	15.09	25.44	27.02	2.58	0.81	27.36	5.85	0.85
Guidi	Guidi_Valle	5	RG0030_	17.98	13.41	25.44	26.88	2.64	0.87	27.24	5.08	0.78
Guidi	Guidi_Valle	5	RG0030_	17.98	11.78	25.44	26.76	2.64	0.91	27.12	4.46	0.72
Guidi	Guidi_Valle	5	RG0030_	17.98	10.92	25.44	26.70	2.65	0.93	27.06	4.13	0.69
Guidi	Guidi_Valle	4	RG0025_	9.12	12.14	23.77	25.94	1.33	0.37	26.03	9.11	1.06
Guidi	Guidi_Valle	4	RG0025_	9.12	15.66	23.77	26.34	1.29	0.33	26.43	12.15	1.24
Guidi	Guidi_Valle	4	RG0025_	9.12	19.25	23.77	26.73	1.25	0.30	26.81	15.40	1.40
Guidi	Guidi_Valle	4	RG0025_	9.12	19.46	23.77	26.75	1.25	0.30	26.83	15.59	1.41
Guidi	Guidi_Valle	4	RG0025_	9.12	17.90	23.77	26.59	1.27	0.31	26.67	14.14	1.34
Guidi	Guidi_Valle	4	RG0025_	9.12	15.62	23.77	26.34	1.29	0.33	26.42	12.11	1.24
Guidi	Guidi_Valle	4	RG0025_	9.12	13.60	23.77	26.11	1.31	0.35	26.20	10.35	1.14
Guidi	Guidi_Valle	4	RG0025_	9.12	12.45	23.77	25.97	1.33	0.37	26.06	9.36	1.08
Guidi	Guidi_Valle	3	RG0020_A	2.30	12.14	23.89	25.89	1.51	0.37	26.01	8.05	1.06
Guidi	Guidi_Valle	3	RG0020_A	2.30	15.66	23.89	26.28	1.56	0.36	26.41	10.01	1.18
Guidi	Guidi_Valle	3	RG0020_A	2.30	19.25	23.89	26.66	1.60	0.34	26.79	12.02	1.29
Guidi	Guidi_Valle	3	RG0020_A	2.30	19.46	23.89	26.69	1.60	0.34	26.82	12.13	1.30
Guidi	Guidi_Valle	3	RG0020_A	2.30	17.90	23.89	26.52	1.59	0.35	26.65	11.25	1.25
Guidi	Guidi_Valle	3	RG0020_A	2.30	15.62	23.89	26.28	1.56	0.36	26.40	9.99	1.18
Guidi	Guidi_Valle	3	RG0020_A	2.30	13.60	23.89	26.06	1.53	0.37	26.18	8.87	1.11
Guidi	Guidi_Valle	3	RG0020_A	2.30	12.45	23.89	25.93	1.51	0.37	26.04	8.22	1.07
Guidi	Guidi_Valle	0.5	TR030_0030H	5.00	12.14	23.83	25.33	2.71	0.71	25.70	4.48	0.75
Guidi	Guidi_Valle	0.5	TR030_0050H	5.00	15.66	23.83	25.64	2.89	0.69	26.07	5.42	0.82
Guidi	Guidi_Valle	0.5	TR030_0100H	5.00	19.25	23.83	25.95	3.04	0.67	26.42	6.34	0.88
Guidi	Guidi_Valle	0.5	TR030_0150H	5.00	19.46	23.83	25.97	3.04	0.67	26.44	6.39	0.88
Guidi	Guidi_Valle	0.5	TR030_0200H	5.00	17.90	23.83	25.84	2.99	0.67	26.29	5.99	0.86
Guidi	Guidi_Valle	0.5	TR030_0300H	5.00	15.62	23.83	25.64	2.89	0.69	26.07	5.41	0.82
Guidi	Guidi_Valle	0.5	TR030_0400H	5.00	13.60	23.83	25.46	2.79	0.70	25.86	4.87	0.78
Guidi	Guidi_Valle	0.5	TR030_0500H	5.00	12.45	23.83	25.36	2.73	0.70	25.74	4.57	0.76

River	Reach	River Sta	Plan	Length Chnl	Q Total	Min Ch El	W.S. Elev	Vel Total	Froude # XS	E.G. Elev	Area	Hydr Radius
				(m)	(m3/s)	(m)	(m)	(m/s)		(m)	(m2)	(m)
Guidi	Guidi_Valle	0.1	TR030_0030H		12.14	23.80	25.26	2.78	0.73	25.66	4.37	0.74
Guidi	Guidi_Valle	0.1	TR030_0050H		15.66	23.80	25.57	2.96	0.71	26.02	5.29	0.81
Guidi	Guidi_Valle	0.1	TR030_0100H		19.25	23.80	25.88	3.10	0.69	26.37	6.21	0.87
Guidi	Guidi_Valle	0.1	TR030_0150H		19.46	23.80	25.90	3.11	0.69	26.39	6.26	0.87
Guidi	Guidi_Valle	0.1	TR030_0200H		17.90	23.80	25.76	3.05	0.70	26.24	5.87	0.85
Guidi	Guidi_Valle	0.1	TR030_0300H		15.62	23.80	25.57	2.96	0.71	26.01	5.28	0.81
Guidi	Guidi_Valle	0.1	TR030_0400H		13.60	23.80	25.39	2.86	0.72	25.81	4.75	0.77
Guidi	Guidi_Valle	0.1	TR030_0500H		12.45	23.80	25.29	2.80	0.73	25.69	4.45	0.75

6.2.2 TEMPO DI RITORNO 200 ANNI

River	Reach	River Sta		Plan	Length Chnl	Q Total	Min Ch El	W.S. Elev	Vel Total	Froude # XS	E.G. Elev	Area	Hydr Radius
					(m)	(m3/s)	(m)	(m)	(m/s)		(m)	(m2)	(m)
Guidi	Guidi	21	RG0170__	TR200_0030H	17.37	23.78	31.63	34.02	3.67	1.00	34.71	6.47	0.84
Guidi	Guidi	21	RG0170__	TR200_0050H	17.37	27.78	31.63	34.15	3.94	1.02	34.94	7.04	0.89
Guidi	Guidi	21	RG0170__	TR200_0100H	17.37	30.13	31.63	34.21	4.09	1.04	35.07	7.36	0.91
Guidi	Guidi	21	RG0170__	TR200_0150H	17.37	29.23	31.63	34.19	4.04	1.03	35.02	7.24	0.90
Guidi	Guidi	21	RG0170__	TR200_0200H	17.37	27.20	31.63	34.13	3.90	1.02	34.91	6.97	0.88
Guidi	Guidi	21	RG0170__	TR200_0300H	17.37	22.12	31.63	33.97	3.55	0.98	34.61	6.23	0.82
Guidi	Guidi	21	RG0170__	TR200_0400H	17.37	18.27	31.63	33.83	3.29	0.96	34.38	5.56	0.76
Guidi	Guidi	21	RG0170__	TR200_0500H	17.37	14.96	31.63	33.67	3.09	0.97	34.16	4.84	0.69
Guidi	Guidi	20	RG0160__	TR200_0030H	14.77	21.38	31.17	33.28	3.01	0.87	33.74	7.10	0.91
Guidi	Guidi	20	RG0160__	TR200_0050H	14.77	23.69	31.17	33.36	3.13	0.88	33.86	7.58	0.95
Guidi	Guidi	20	RG0160__	TR200_0100H	14.77	24.88	31.17	33.40	3.17	0.88	33.91	7.84	0.97
Guidi	Guidi	20	RG0160__	TR200_0150H	14.77	24.43	31.17	33.39	3.15	0.87	33.89	7.76	0.97
Guidi	Guidi	20	RG0160__	TR200_0200H	14.77	23.40	31.17	33.35	3.10	0.87	33.84	7.54	0.95
Guidi	Guidi	20	RG0160__	TR200_0300H	14.77	20.33	31.17	33.24	2.95	0.87	33.68	6.89	0.89
Guidi	Guidi	20	RG0160__	TR200_0400H	14.77	17.52	31.17	33.11	2.85	0.86	33.52	6.14	0.86
Guidi	Guidi	20	RG0160__	TR200_0500H	14.77	14.69	31.17	32.94	2.80	0.87	33.34	5.24	0.81
Guidi	Guidi	19	RG0150__	TR200_0030H	16.26	21.25	30.51	32.68	3.34	0.98	33.25	6.36	0.84
Guidi	Guidi	19	RG0150__	TR200_0050H	16.26	22.65	30.51	32.77	3.31	0.95	33.33	6.85	0.87
Guidi	Guidi	19	RG0150__	TR200_0100H	16.26	23.31	30.51	32.83	3.24	0.91	33.37	7.19	0.90
Guidi	Guidi	19	RG0150__	TR200_0150H	16.26	22.91	30.51	32.82	3.21	0.91	33.35	7.14	0.90
Guidi	Guidi	19	RG0150__	TR200_0200H	16.26	22.29	30.51	32.78	3.23	0.92	33.31	6.90	0.88
Guidi	Guidi	19	RG0150__	TR200_0300H	16.26	20.47	30.51	32.66	3.28	0.97	33.21	6.25	0.83
Guidi	Guidi	19	RG0150__	TR200_0400H	16.26	17.94	30.51	32.53	3.21	0.97	33.06	5.60	0.79
Guidi	Guidi	19	RG0150__	TR200_0500H	16.26	14.83	30.51	32.36	3.09	0.93	32.85	4.80	0.77
Guidi	Guidi	18	RG0140__	TR200_0030H	1.92	21.18	30.15	32.04	2.90	0.83	32.47	7.29	0.97
Guidi	Guidi	18	RG0140__	TR200_0050H	1.92	22.51	30.15	32.21	2.69	0.73	32.58	8.36	1.05
Guidi	Guidi	18	RG0140__	TR200_0100H	1.92	22.70	30.15	32.32	2.51	0.67	32.65	9.04	1.09
Guidi	Guidi	18	RG0140__	TR200_0150H	1.92	22.48	30.15	32.32	2.49	0.66	32.64	9.04	1.09
Guidi	Guidi	18	RG0140__	TR200_0200H	1.92	22.01	30.15	32.25	2.56	0.69	32.59	8.60	1.06
Guidi	Guidi	18	RG0140__	TR200_0300H	1.92	20.71	30.15	32.03	2.86	0.82	32.44	7.23	0.97
Guidi	Guidi	18	RG0140__	TR200_0400H	1.92	18.27	30.15	31.87	2.90	0.88	32.29	6.31	0.89
Guidi	Guidi	18	RG0140__	TR200_0500H	1.92	15.10	30.15	31.71	2.75	0.85	32.10	5.49	0.84
Guidi	Guidi	17	RG0130__	TR200_0030H	17.94	23.21	30.06	31.66	3.14	0.94	32.16	7.39	0.93
Guidi	Guidi	17	RG0130__	TR200_0050H	17.94	26.68	30.06	31.90	2.95	0.85	32.34	9.04	1.02
Guidi	Guidi	17	RG0130__	TR200_0100H	17.94	28.36	30.06	31.99	2.92	0.82	32.42	9.73	1.05
Guidi	Guidi	17	RG0130__	TR200_0150H	17.94	28.11	30.06	31.99	2.89	0.81	32.41	9.73	1.05
Guidi	Guidi	17	RG0130__	TR200_0200H	17.94	26.56	30.06	31.94	2.84	0.81	32.35	9.34	1.03
Guidi	Guidi	17	RG0130__	TR200_0300H	17.94	22.32	30.06	31.67	2.99	0.90	32.13	7.47	0.93
Guidi	Guidi	17	RG0130__	TR200_0400H	17.94	18.56	30.06	31.47	2.99	0.95	31.93	6.20	0.85
Guidi	Guidi	17	RG0130__	TR200_0500H	17.94	15.21	30.06	31.32	2.86	0.95	31.74	5.32	0.78
Guidi	Guidi_Valle	16	RG0120__	TR200_0030H	1.98	24.75	30.00	31.66	2.54	0.77	31.99	9.76	0.99
Guidi	Guidi_Valle	16	RG0120__	TR200_0050H	1.98	29.21	30.00	31.90	2.44	0.70	32.20	11.96	1.12
Guidi	Guidi_Valle	16	RG0120__	TR200_0100H	1.98	33.01	30.00	31.99	2.57	0.71	32.33	12.84	1.17
Guidi	Guidi_Valle	16	RG0120__	TR200_0150H	1.98	33.04	30.00	31.99	2.57	0.71	32.33	12.84	1.17
Guidi	Guidi_Valle	16	RG0120__	TR200_0200H	1.98	30.61	30.00	31.94	2.48	0.70	32.25	12.34	1.15
Guidi	Guidi_Valle	16	RG0120__	TR200_0300H	1.98	24.91	30.00	31.67	2.53	0.77	32.00	9.86	1.00
Guidi	Guidi_Valle	16	RG0120__	TR200_0400H	1.98	20.59	30.00	31.47	2.53	0.82	31.80	8.13	0.89
Guidi	Guidi_Valle	16	RG0120__	TR200_0500H	1.98	16.93	30.00	31.32	2.45	0.84	31.63	6.91	0.80
Guidi	Guidi_Valle	15	RG0110__	TR200_0030H	16.91	24.72	29.65	31.35	2.60	0.78	31.70	9.49	1.01
Guidi	Guidi_Valle	15	RG0110__	TR200_0050H	16.91	28.96	29.65	31.70	2.25	0.66	31.96	12.86	1.06
Guidi	Guidi_Valle	15	RG0110__	TR200_0100H	16.91	31.12	29.65	31.83	2.18	0.62	32.07	14.26	1.14
Guidi	Guidi_Valle	15	RG0110__	TR200_0150H	16.91	31.14	29.65	31.83	2.18	0.62	32.07	14.27	1.14
Guidi	Guidi_Valle	15	RG0110__	TR200_0200H	16.91	29.79	29.65	31.76	2.21	0.64	32.01	13.50	1.09
Guidi	Guidi_Valle	15	RG0110__	TR200_0300H	16.91	24.91	29.65	31.37	2.59	0.77	31.71	9.63	1.02
Guidi	Guidi_Valle	15	RG0110__	TR200_0400H	16.91	20.58	29.65	31.08	2.81	0.91	31.49	7.33	0.87
Guidi	Guidi_Valle	15	RG0110__	TR200_0500H	16.91	16.92	29.65	30.87	2.93	1.03	31.31	5.78	0.76
Guidi	Guidi_Valle	14	RG0100__	TR200_0030H	15.09	24.71	28.74	31.15	2.26	0.59	31.41	10.95	1.16
Guidi	Guidi_Valle	14	RG0100__	TR200_0050H	15.09	28.96	28.74	31.59	2.02	0.49	31.79	14.37	1.34
Guidi	Guidi_Valle	14	RG0100__	TR200_0100H	15.09	30.97	28.74	31.72	2.00	0.48	31.92	15.51	1.39
Guidi	Guidi_Valle	14	RG0100__	TR200_0150H	15.09	30.98	28.74	31.72	2.00	0.48	31.93	15.53	1.39
Guidi	Guidi_Valle	14	RG0100__	TR200_0200H	15.09	29.78	28.74	31.65	2.00	0.48	31.86	14.93	1.36
Guidi	Guidi_Valle	14	RG0100__	TR200_0300H	15.09	24.91	28.74	31.18	2.24	0.59	31.43	11.14	1.17
Guidi	Guidi_Valle	14	RG0100__	TR200_0400H	15.09	20.58	28.74	30.77	2.50	0.71	31.09	8.25	1.00
Guidi	Guidi_Valle	14	RG0100__	TR200_0500H	15.09	16.92	28.74	30.44	2.74	0.85	30.82	6.19	0.85
Guidi	Guidi_Valle	13	RG0090_A	TR200_0030H	5.71	24.71	28.41	30.97	2.16	0.43	31.21	11.44	1.20
Guidi	Guidi_Valle	13	RG0090_A	TR200_0050H	5.71	28.88	28.41	31.42	2.14	0.40	31.66	13.48	1.27
Guidi	Guidi_Valle	13	RG0090_A	TR200_0100H	5.71	30.17	28.41	31.57	2.13	0.39	31.80	14.16	1.30
Guidi	Guidi_Valle	13	RG0090_A	TR200_0150H	5.71	30.16	28.41	31.57	2.13	0.39	31.80	14.17	1.30
Guidi	Guidi_Valle	13	RG0090_A	TR200_0200H	5.71	29.47	28.41	31.49	2.13	0.39	31.73	13.81	1.29
Guidi	Guidi_Valle	13	RG0090_A	TR200_0300H	5.71	24.91	28.41	31.00	2.15	0.43	31.23	11.56	1.20
Guidi	Guidi_Valle	13	RG0090_A	TR200_0400H	5.71	20.58	28.41	30.58	2.12	0.46	30.81	9.69	1.10
Guidi	Guidi_Valle	13	RG0090_A	TR200_0500H	5.71	16.92	28.41	30.21	2.11	0.50	30.43	8.02	1.00
Guidi	Guidi_Valle	12	TR200_0030H		22.09	24.71	28.21	30.83	2.57	0.51	31.16	9.62	0.73
Guidi	Guidi_Valle	12	TR200_0050H		22.09	28.88	28.21	31.14	3.00	0.56	31.60	9.62	0.73
Guidi	Guidi_Valle	12	TR200_0100H		22.09	30.17	28.21	31.24	3.14	0.58	31.74	9.62	0.73
Guidi	Guidi_Valle	12	TR200_0150H		22.09	30.16	28.21	31.24	3.14	0.57	31.74	9.62	0.73
Guidi	Guidi_Valle	12	TR200_0200H		22.09	29.47	28.21	31.19	3.06	0.57	31.67	9.62	0.73
Guidi	Guidi_Valle	12	TR200_0300H		22.09	24.91	28.21	30.85	2.59	0.51	31.19	9.62	0.73
Guidi	Guidi_Valle	12	TR200_0400H		22.09	20.58	28.21	30.54	2.14	0.45	30.77	9.62	0.73
Guidi	Guidi_Valle	12	TR200_0500H		22.09	16.92	28.21	30.20	1.95	0.45	30.39	8.67	1.05

River	Reach	River Sta	Plan	Length Chnl (m)	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Vel Total (m/s)	Froude # XS	E.G. Elev (m)	Area (m2)	Hydr Radius (m)
Guidi	Guidi_Valle	11	TR200_0030H	4.58	24.71	28.16	30.52	2.70	0.56	30.90	9.14	0.70
Guidi	Guidi_Valle	11	TR200_0050H	4.58	28.88	28.16	30.73	3.16	0.63	31.24	9.14	0.70
Guidi	Guidi_Valle	11	TR200_0100H	4.58	30.17	28.16	30.79	3.30	0.65	31.35	9.14	0.70
Guidi	Guidi_Valle	11	TR200_0150H	4.58	30.16	28.16	30.79	3.30	0.65	31.35	9.14	0.70
Guidi	Guidi_Valle	11	TR200_0200H	4.58	29.47	28.16	30.76	3.22	0.64	31.29	9.14	0.70
Guidi	Guidi_Valle	11	TR200_0300H	4.58	24.91	28.16	30.54	2.72	0.56	30.92	9.14	0.70
Guidi	Guidi_Valle	11	TR200_0400H	4.58	20.58	28.16	30.33	2.25	0.49	30.59	9.14	0.70
Guidi	Guidi_Valle	11	TR200_0500H	4.58	16.92	28.16	30.08	2.06	0.49	30.30	8.22	1.00
Guidi	Guidi_Valle	10	RG0080_D	16.46	24.70	27.92	30.48	2.70	0.57	30.85	9.14	1.04
Guidi	Guidi_Valle	10	RG0080_D	16.46	28.88	27.92	30.71	2.87	0.58	31.13	10.08	1.08
Guidi	Guidi_Valle	10	RG0080_D	16.46	30.17	27.92	30.78	2.91	0.58	31.21	10.37	1.10
Guidi	Guidi_Valle	10	RG0080_D	16.46	30.16	27.92	30.78	2.91	0.58	31.21	10.38	1.10
Guidi	Guidi_Valle	10	RG0080_D	16.46	29.47	27.92	30.74	2.88	0.58	31.17	10.23	1.09
Guidi	Guidi_Valle	10	RG0080_D	16.46	24.91	27.92	30.49	2.70	0.57	30.87	9.21	1.04
Guidi	Guidi_Valle	10	RG0080_D	16.46	20.58	27.92	30.24	2.52	0.56	30.56	8.18	0.98
Guidi	Guidi_Valle	10	RG0080_D	16.46	16.92	27.92	30.01	2.34	0.56	30.28	7.23	0.92
Guidi	Guidi_Valle	9	RG0070_	10.87	24.70	27.79	29.84	3.18	0.74	30.35	7.77	1.00
Guidi	Guidi_Valle	9	RG0070_	10.87	28.88	27.79	30.03	3.38	0.75	30.61	8.55	1.05
Guidi	Guidi_Valle	9	RG0070_	10.87	30.17	27.79	30.09	3.42	0.75	30.69	8.81	1.06
Guidi	Guidi_Valle	9	RG0070_	10.87	30.16	27.79	30.10	3.41	0.75	30.69	8.84	1.06
Guidi	Guidi_Valle	9	RG0070_	10.87	29.46	27.79	30.06	3.38	0.74	30.65	8.70	1.06
Guidi	Guidi_Valle	9	RG0070_	10.87	24.90	27.79	29.86	3.17	0.73	30.37	7.86	1.00
Guidi	Guidi_Valle	9	RG0070_	10.87	20.58	27.79	29.65	2.94	0.72	30.09	7.01	0.94
Guidi	Guidi_Valle	9	RG0070_	10.87	16.92	27.79	29.46	2.71	0.70	29.84	6.23	0.88
Guidi	Guidi_Valle	8	RG0060_	18.27	24.69	27.62	29.74	2.52	0.69	30.07	9.78	1.13
Guidi	Guidi_Valle	8	RG0060_	18.27	28.87	27.62	29.91	2.61	0.69	30.26	11.06	1.20
Guidi	Guidi_Valle	8	RG0060_	18.27	30.16	27.62	29.98	2.61	0.68	30.33	11.55	1.23
Guidi	Guidi_Valle	8	RG0060_	18.27	30.15	27.62	29.99	2.59	0.68	30.33	11.62	1.23
Guidi	Guidi_Valle	8	RG0060_	18.27	29.44	27.62	29.96	2.58	0.68	30.30	11.40	1.22
Guidi	Guidi_Valle	8	RG0060_	18.27	24.90	27.62	29.77	2.49	0.68	30.09	9.98	1.14
Guidi	Guidi_Valle	8	RG0060_	18.27	20.58	27.62	29.57	2.39	0.68	29.86	8.62	1.05
Guidi	Guidi_Valle	8	RG0060_	18.27	16.92	27.62	29.39	2.28	0.68	29.66	7.41	0.97
Guidi	Guidi_Valle	7	RG0050_	18.98	24.68	26.27	28.82	2.97	0.83	29.27	8.31	0.98
Guidi	Guidi_Valle	7	RG0050_	18.98	28.88	26.27	29.01	3.01	0.81	29.47	9.60	1.05
Guidi	Guidi_Valle	7	RG0050_	18.98	30.21	26.27	29.12	2.92	0.77	29.56	10.36	1.09
Guidi	Guidi_Valle	7	RG0050_	18.98	30.40	26.27	29.13	2.93	0.77	29.56	10.38	1.09
Guidi	Guidi_Valle	7	RG0050_	18.98	29.71	26.27	29.08	2.95	0.78	29.52	10.06	1.08
Guidi	Guidi_Valle	7	RG0050_	18.98	25.15	26.27	28.85	2.95	0.81	29.29	8.54	0.99
Guidi	Guidi_Valle	7	RG0050_	18.98	20.79	26.27	28.64	2.87	0.83	29.06	7.23	0.91
Guidi	Guidi_Valle	7	RG0050_	18.98	17.11	26.27	28.45	2.77	0.83	28.84	6.17	0.84
Guidi	Guidi_Valle	6	RG0040_	10.32	24.67	25.47	27.81	2.89	0.79	28.24	8.55	1.07
Guidi	Guidi_Valle	6	RG0040_	10.32	28.85	25.47	28.13	2.70	0.70	28.51	10.68	1.19
Guidi	Guidi_Valle	6	RG0040_	10.32	30.13	25.47	28.46	2.31	0.57	28.73	13.05	1.31
Guidi	Guidi_Valle	6	RG0040_	10.32	30.38	25.47	28.44	2.35	0.58	28.72	12.94	1.31
Guidi	Guidi_Valle	6	RG0040_	10.32	29.69	25.47	28.34	2.44	0.61	28.64	12.14	1.27
Guidi	Guidi_Valle	6	RG0040_	10.32	25.14	25.47	27.93	2.71	0.73	28.30	9.28	1.11
Guidi	Guidi_Valle	6	RG0040_	10.32	20.79	25.47	27.60	2.85	0.81	28.02	7.29	0.99
Guidi	Guidi_Valle	6	RG0040_	10.32	17.10	25.47	27.34	2.92	0.88	27.78	5.85	0.88
Guidi	Guidi_Valle	5	RG0030_	17.98	24.67	25.44	27.66	2.51	0.67	27.98	9.84	1.13
Guidi	Guidi_Valle	5	RG0030_	17.98	28.83	25.44	28.05	2.27	0.56	28.32	12.70	1.30
Guidi	Guidi_Valle	5	RG0030_	17.98	30.11	25.44	28.43	1.91	0.44	28.62	15.73	1.45
Guidi	Guidi_Valle	5	RG0030_	17.98	30.37	25.44	28.42	1.95	0.45	28.61	15.59	1.45
Guidi	Guidi_Valle	5	RG0030_	17.98	29.68	25.44	28.30	2.03	0.48	28.51	14.63	1.40
Guidi	Guidi_Valle	5	RG0030_	17.98	25.14	25.44	27.83	2.28	0.59	28.09	11.02	1.21
Guidi	Guidi_Valle	5	RG0030_	17.98	20.79	25.44	27.43	2.50	0.70	27.75	8.32	1.03
Guidi	Guidi_Valle	5	RG0030_	17.98	17.10	25.44	27.12	2.65	0.81	27.48	6.45	0.90
Guidi	Guidi_Valle	4	RG0025_	9.12	26.65	23.77	27.48	1.18	0.26	27.55	22.64	1.71
Guidi	Guidi_Valle	4	RG0025_	9.12	31.42	23.77	27.94	1.14	0.23	28.01	27.65	1.89
Guidi	Guidi_Valle	4	RG0025_	9.12	35.27	23.77	28.30	1.11	0.22	28.36	31.91	2.03
Guidi	Guidi_Valle	4	RG0025_	9.12	35.17	23.77	28.29	1.11	0.22	28.35	31.80	2.03
Guidi	Guidi_Valle	4	RG0025_	9.12	33.93	23.77	28.17	1.12	0.22	28.24	30.41	1.99
Guidi	Guidi_Valle	4	RG0025_	9.12	28.45	23.77	27.66	1.16	0.25	27.73	24.49	1.78
Guidi	Guidi_Valle	4	RG0025_	9.12	23.52	23.77	27.17	1.21	0.27	27.25	19.49	1.58
Guidi	Guidi_Valle	4	RG0025_	9.12	19.42	23.77	26.75	1.25	0.30	26.83	15.56	1.41
Guidi	Guidi_Valle	3	RG0020_A	2.30	26.65	23.89	27.40	1.64	0.32	27.54	16.24	1.49
Guidi	Guidi_Valle	3	RG0020_A	2.30	31.42	23.89	27.85	1.64	0.31	27.99	19.11	1.57
Guidi	Guidi_Valle	3	RG0020_A	2.30	35.27	23.89	28.21	1.63	0.31	28.34	21.66	1.64
Guidi	Guidi_Valle	3	RG0020_A	2.30	35.17	23.89	28.20	1.63	0.31	28.33	21.59	1.64
Guidi	Guidi_Valle	3	RG0020_A	2.30	33.93	23.89	28.09	1.64	0.31	28.22	20.75	1.62
Guidi	Guidi_Valle	3	RG0020_A	2.30	28.45	23.89	27.57	1.65	0.32	27.71	17.29	1.53
Guidi	Guidi_Valle	3	RG0020_A	2.30	23.52	23.89	27.10	1.63	0.33	27.23	14.43	1.41
Guidi	Guidi_Valle	3	RG0020_A	2.30	19.42	23.89	26.68	1.60	0.34	26.81	12.11	1.30
Guidi	Guidi_Valle	0.5	TR200_0030H	5.00	26.65	23.83	26.56	3.26	0.63	27.11	8.18	0.97
Guidi	Guidi_Valle	0.5	TR200_0050H	5.00	31.42	23.83	26.95	3.37	0.61	27.53	9.33	1.01
Guidi	Guidi_Valle	0.5	TR200_0100H	5.00	35.27	23.83	27.26	3.44	0.60	27.86	10.25	1.04
Guidi	Guidi_Valle	0.5	TR200_0150H	5.00	35.17	23.83	27.25	3.44	0.59	27.85	10.22	1.04
Guidi	Guidi_Valle	0.5	TR200_0200H	5.00	33.93	23.83	27.15	3.42	0.60	27.75	9.93	1.03
Guidi	Guidi_Valle	0.5	TR200_0300H	5.00	28.45	23.83	26.71	3.30	0.62	27.27	8.61	0.98
Guidi	Guidi_Valle	0.5	TR200_0400H	5.00	23.52	23.83	26.31	3.18	0.64	26.82	7.41	0.93
Guidi	Guidi_Valle	0.5	TR200_0500H	5.00	19.42	23.83	25.97	3.04	0.67	26.44	6.38	0.88

River	Reach	River Sta	Plan	Length Chnl	Q Total	Min Ch El	W.S. Elev	Vel Total	Froude # XS	E.G. Elev	Area	Hydr Radius
				(m)	(m3/s)	(m)	(m)	(m/s)		(m)	(m2)	(m)
Guidi	Guidi_Valle	0.1	TR200_0030H		26.65	23.80	26.49	3.31	0.65	27.05	8.04	0.96
Guidi	Guidi_Valle	0.1	TR200_0050H		31.42	23.80	26.88	3.42	0.62	27.47	9.20	1.01
Guidi	Guidi_Valle	0.1	TR200_0100H		35.27	23.80	27.18	3.49	0.61	27.80	10.12	1.04
Guidi	Guidi_Valle	0.1	TR200_0150H		35.17	23.80	27.17	3.48	0.61	27.79	10.09	1.04
Guidi	Guidi_Valle	0.1	TR200_0200H		33.93	23.80	27.08	3.46	0.61	27.69	9.80	1.03
Guidi	Guidi_Valle	0.1	TR200_0300H		28.45	23.80	26.64	3.36	0.64	27.21	8.48	0.98
Guidi	Guidi_Valle	0.1	TR200_0400H		23.52	23.80	26.23	3.23	0.66	26.77	7.27	0.93
Guidi	Guidi_Valle	0.1	TR200_0500H		19.42	23.80	25.89	3.11	0.69	26.39	6.25	0.87

6.3 RIO DEI TASSI

6.3.1 TEMPO DI RITORNO 30 ANNI

River	Reach	River Sta	Plan	Length Chnl (m)	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Vel Total (m/s)	Froude # XS	E.G. Elev (m)	Area (m2)	Hydr Radius (m)
Guidi_affl_2	Guidi_affl_2	6 RG2001_A	TR030_0030H	7.91	1.09	36.20	36.67	2.54	1.48	37.00	0.43	0.24
Guidi_affl_2	Guidi_affl_2	6 RG2001_A	TR030_0050H	7.91	2.00	36.20	36.83	2.93	1.49	37.27	0.68	0.30
Guidi_affl_2	Guidi_affl_2	6 RG2001_A	TR030_0100H	7.91	2.64	36.20	36.92	3.11	1.46	37.42	0.85	0.34
Guidi_affl_2	Guidi_affl_2	6 RG2001_A	TR030_0150H	7.91	2.38	36.20	36.89	3.05	1.47	37.36	0.78	0.33
Guidi_affl_2	Guidi_affl_2	6 RG2001_A	TR030_0200H	7.91	2.06	36.20	36.84	2.95	1.48	37.28	0.70	0.31
Guidi_affl_2	Guidi_affl_2	6 RG2001_A	TR030_0300H	7.91	1.57	36.20	36.76	2.78	1.49	37.15	0.57	0.27
Guidi_affl_2	Guidi_affl_2	6 RG2001_A	TR030_0400H	7.91	1.28	36.20	36.71	2.64	1.48	37.06	0.48	0.25
Guidi_affl_2	Guidi_affl_2	6 RG2001_A	TR030_0500H	7.91	1.18	36.20	36.69	2.59	1.48	37.03	0.45	0.24
Guidi_affl_2	Guidi_affl_2	5 RG2001_B	TR030_0030H	21.00	1.09	35.86	36.31	2.46	1.38	36.62	0.44	0.26
Guidi_affl_2	Guidi_affl_2	5 RG2001_B	TR030_0050H	21.00	2.00	35.86	36.48	2.89	1.35	36.91	0.69	0.33
Guidi_affl_2	Guidi_affl_2	5 RG2001_B	TR030_0100H	21.00	2.64	35.86	36.59	3.11	1.32	37.08	0.85	0.37
Guidi_affl_2	Guidi_affl_2	5 RG2001_B	TR030_0150H	21.00	2.38	35.86	36.55	3.03	1.33	37.01	0.79	0.35
Guidi_affl_2	Guidi_affl_2	5 RG2001_B	TR030_0200H	21.00	2.06	35.86	36.49	2.91	1.35	36.93	0.71	0.33
Guidi_affl_2	Guidi_affl_2	5 RG2001_B	TR030_0300H	21.00	1.57	35.86	36.41	2.71	1.36	36.78	0.58	0.30
Guidi_affl_2	Guidi_affl_2	5 RG2001_B	TR030_0400H	21.00	1.28	35.86	36.35	2.57	1.37	36.69	0.50	0.27
Guidi_affl_2	Guidi_affl_2	5 RG2001_B	TR030_0500H	21.00	1.18	35.86	36.33	2.51	1.38	36.65	0.47	0.26
Guidi_affl_2	Guidi_affl_2	4.9	TR030_0030H	21.00	1.09	35.02	35.48	2.41	1.35	35.77	0.45	0.26
Guidi_affl_2	Guidi_affl_2	4.9	TR030_0050H	21.00	2.00	35.02	35.64	2.89	1.35	36.07	0.69	0.33
Guidi_affl_2	Guidi_affl_2	4.9	TR030_0100H	21.00	2.64	35.02	35.75	3.11	1.32	36.24	0.85	0.37
Guidi_affl_2	Guidi_affl_2	4.9	TR030_0150H	21.00	2.38	35.02	35.71	3.02	1.33	36.17	0.79	0.35
Guidi_affl_2	Guidi_affl_2	4.9	TR030_0200H	21.00	2.06	35.02	35.65	2.91	1.34	36.09	0.71	0.33
Guidi_affl_2	Guidi_affl_2	4.9	TR030_0300H	21.00	1.57	35.02	35.57	2.70	1.35	35.94	0.58	0.30
Guidi_affl_2	Guidi_affl_2	4.9	TR030_0400H	21.00	1.28	35.02	35.51	2.54	1.35	35.84	0.50	0.28
Guidi_affl_2	Guidi_affl_2	4.9	TR030_0500H	21.00	1.18	35.02	35.49	2.48	1.35	35.81	0.48	0.27
Guidi_affl_2	Guidi_affl_2	4.7	TR030_0030H	21.00	1.09	34.18	34.63	2.49	1.40	34.94	0.44	0.25
Guidi_affl_2	Guidi_affl_2	4.7	TR030_0050H	21.00	2.00	34.18	34.80	2.90	1.36	35.23	0.69	0.33
Guidi_affl_2	Guidi_affl_2	4.7	TR030_0100H	21.00	2.64	34.18	34.91	3.11	1.32	35.40	0.85	0.37
Guidi_affl_2	Guidi_affl_2	4.7	TR030_0150H	21.00	2.38	34.18	34.87	3.03	1.33	35.34	0.78	0.35
Guidi_affl_2	Guidi_affl_2	4.7	TR030_0200H	21.00	2.06	34.18	34.81	2.92	1.35	35.25	0.70	0.33
Guidi_affl_2	Guidi_affl_2	4.7	TR030_0300H	21.00	1.57	34.18	34.72	2.73	1.37	35.10	0.58	0.30
Guidi_affl_2	Guidi_affl_2	4.7	TR030_0400H	21.00	1.28	34.18	34.67	2.59	1.39	35.01	0.49	0.27
Guidi_affl_2	Guidi_affl_2	4.7	TR030_0500H	21.00	1.18	34.18	34.65	2.54	1.40	34.97	0.46	0.26
Guidi_affl_2	Guidi_affl_2	4.4	TR030_0030H	21.00	1.08	33.34	33.81	2.32	1.28	34.08	0.47	0.26
Guidi_affl_2	Guidi_affl_2	4.4	TR030_0050H	21.00	1.99	33.34	33.97	2.84	1.32	34.38	0.70	0.33
Guidi_affl_2	Guidi_affl_2	4.4	TR030_0100H	21.00	2.64	33.34	34.07	3.09	1.31	34.56	0.85	0.37
Guidi_affl_2	Guidi_affl_2	4.4	TR030_0150H	21.00	2.38	33.34	34.03	3.00	1.31	34.49	0.79	0.35
Guidi_affl_2	Guidi_affl_2	4.4	TR030_0200H	21.00	2.06	33.34	33.98	2.87	1.32	34.40	0.72	0.34
Guidi_affl_2	Guidi_affl_2	4.4	TR030_0300H	21.00	1.57	33.34	33.90	2.63	1.31	34.25	0.60	0.30
Guidi_affl_2	Guidi_affl_2	4.4	TR030_0400H	21.00	1.28	33.34	33.85	2.46	1.29	34.15	0.52	0.28
Guidi_affl_2	Guidi_affl_2	4.4	TR030_0500H	21.00	1.18	33.34	33.83	2.39	1.29	34.12	0.49	0.27
Guidi_affl_2	Guidi_affl_2	4.2	TR030_0030H	26.70	1.08	32.50	32.93	2.61	1.50	33.28	0.42	0.25
Guidi_affl_2	Guidi_affl_2	4.2	TR030_0050H	26.70	1.99	32.50	33.11	2.98	1.41	33.56	0.67	0.32
Guidi_affl_2	Guidi_affl_2	4.2	TR030_0100H	26.70	2.64	32.50	33.22	3.15	1.34	33.73	0.84	0.36
Guidi_affl_2	Guidi_affl_2	4.2	TR030_0150H	26.70	2.38	32.50	33.18	3.08	1.37	33.66	0.77	0.35
Guidi_affl_2	Guidi_affl_2	4.2	TR030_0200H	26.70	2.06	32.50	33.12	2.99	1.40	33.58	0.69	0.33
Guidi_affl_2	Guidi_affl_2	4.2	TR030_0300H	26.70	1.57	32.50	33.03	2.82	1.44	33.44	0.56	0.29
Guidi_affl_2	Guidi_affl_2	4.2	TR030_0400H	26.70	1.28	32.50	32.97	2.71	1.48	33.35	0.47	0.27
Guidi_affl_2	Guidi_affl_2	4.2	TR030_0500H	26.70	1.18	32.50	32.95	2.66	1.49	33.31	0.44	0.26
Guidi_affl_2	Guidi_affl_2	4 RG2002_C	TR030_0030H	1.19	1.08	31.44	32.07	1.55	0.72	32.19	0.70	0.33
Guidi_affl_2	Guidi_affl_2	4 RG2002_C	TR030_0050H	1.19	1.99	31.44	32.23	2.11	0.76	32.46	0.94	0.39
Guidi_affl_2	Guidi_affl_2	4 RG2002_C	TR030_0100H	1.19	2.63	31.44	32.32	2.44	0.83	32.63	1.08	0.41
Guidi_affl_2	Guidi_affl_2	4 RG2002_C	TR030_0150H	1.19	2.38	31.44	32.29	2.32	0.80	32.56	1.03	0.40
Guidi_affl_2	Guidi_affl_2	4 RG2002_C	TR030_0200H	1.19	2.06	31.44	32.24	2.15	0.77	32.48	0.96	0.39
Guidi_affl_2	Guidi_affl_2	4 RG2002_C	TR030_0300H	1.19	1.55	31.44	32.17	1.84	0.78	32.34	0.84	0.37
Guidi_affl_2	Guidi_affl_2	4 RG2002_C	TR030_0400H	1.19	1.28	31.44	32.11	1.69	0.76	32.25	0.76	0.35
Guidi_affl_2	Guidi_affl_2	4 RG2002_C	TR030_0500H	1.19	1.18	31.44	32.09	1.62	0.74	32.22	0.73	0.34
Guidi_affl_2	Guidi_affl_2	3 RG2002_D	TR030_0030H	3.93	1.08	31.64	32.06	1.24	0.70	32.14	0.87	0.28
Guidi_affl_2	Guidi_affl_2	3 RG2002_D	TR030_0050H	3.93	1.99	31.64	32.19	1.60	0.78	32.32	1.25	0.37
Guidi_affl_2	Guidi_affl_2	3 RG2002_D	TR030_0100H	3.93	2.63	31.64	32.26	1.80	0.82	32.43	1.46	0.41
Guidi_affl_2	Guidi_affl_2	3 RG2002_D	TR030_0150H	3.93	2.38	31.64	32.23	1.73	0.81	32.38	1.38	0.39
Guidi_affl_2	Guidi_affl_2	3 RG2002_D	TR030_0200H	3.93	2.06	31.64	32.20	1.62	0.79	32.33	1.27	0.37
Guidi_affl_2	Guidi_affl_2	3 RG2002_D	TR030_0300H	3.93	1.59	31.64	32.13	1.46	0.76	32.24	1.08	0.33
Guidi_affl_2	Guidi_affl_2	3 RG2002_D	TR030_0400H	3.93	1.28	31.64	32.09	1.33	0.72	32.18	0.96	0.30
Guidi_affl_2	Guidi_affl_2	3 RG2002_D	TR030_0500H	3.93	1.18	31.64	32.07	1.28	0.71	32.16	0.92	0.29
Guidi_affl_2	Guidi_affl_2	2 RG2003_	TR030_0030H	28.00	1.08	31.57	31.91	2.01	1.33	32.12	0.54	0.21
Guidi_affl_2	Guidi_affl_2	2 RG2003_	TR030_0050H	28.00	1.99	31.57	32.02	2.46	1.38	32.33	0.81	0.29
Guidi_affl_2	Guidi_affl_2	2 RG2003_	TR030_0100H	28.00	2.63	31.57	32.08	2.75	1.45	32.47	0.96	0.32
Guidi_affl_2	Guidi_affl_2	2 RG2003_	TR030_0150H	28.00	2.38	31.57	32.05	2.67	1.45	32.42	0.89	0.31
Guidi_affl_2	Guidi_affl_2	2 RG2003_	TR030_0200H	28.00	2.06	31.57	32.02	2.56	1.45	32.36	0.80	0.29
Guidi_affl_2	Guidi_affl_2	2 RG2003_	TR030_0300H	28.00	1.57	31.57	31.97	2.35	1.43	32.25	0.67	0.25
Guidi_affl_2	Guidi_affl_2	2 RG2003_	TR030_0400H	28.00	1.27	31.57	31.93	2.16	1.38	32.17	0.59	0.23
Guidi_affl_2	Guidi_affl_2	2 RG2003_	TR030_0500H	28.00	1.18	31.57	31.92	2.12	1.39	32.15	0.56	0.22
Guidi_affl_2	Guidi_affl_2	1.5	TR030_0030H	1.00	0.36	30.35	31.10	0.44	0.29	31.11	0.82	0.19
Guidi_affl_2	Guidi_affl_2	1.5	TR030_0050H	1.00	0.68	30.35	31.23	0.48	0.29	31.24	1.40	0.24
Guidi_affl_2	Guidi_affl_2	1.5	TR030_0100H	1.00	1.50	30.35	31.33	0.79	0.42	31.36	1.90	0.31
Guidi_affl_2	Guidi_affl_2	1.5	TR030_0150H	1.00	2.27	30.35	31.32	1.21	0.64	31.39	1.87	0.30
Guidi_affl_2	Guidi_affl_2	1.5	TR030_0200H	1.00	1.98	30.35	31.27	1.21	0.68	31.35	1.64	0.27
Guidi_affl_2	Guidi_affl_2	1.5	TR030_0300H	1.00	1.57	30.35	31.21	1.18	0.72	31.28	1.33	0.23
Guidi_affl_2	Guidi_affl_2	1.5	TR030_0400H	1.00	1.28	30.35	31.16	1.17	0.78	31.23	1.09	0.19
Guidi_affl_2	Guidi_affl_2	1.5	TR030_0500H	1.00	1.18	30.35	31.14	1.19	0.82	31.21	0.99	0.18
Guidi_affl_2	Guidi_affl_2	1 RG2004_	TR030_0030H	7.00	0.36	30.20	31.09	0.24	0.14	31.10	1.48	0.25
Guidi_affl_2	Guidi_affl_2	1 RG2004_	TR030_0050H	7.00	0.68	30.20	31.22	0.31	0.16	31.23	2.16	0.34
Guidi_affl_2	Guidi_affl_2	1 RG2004_	TR030_0100H	7.00	1.48	30.20	31.32	0.55	0.25	31.34	2.70	0.40

River	Reach	River Sta		Plan	Length Chnl	Q Total	Min Ch El	W.S. Elev	Vel Total	Froude # XS	E.G. Elev	Area	Hydr Radius
					(m)	(m3/s)	(m)	(m)	(m/s)		(m)	(m2)	(m)
Guidi_affl_2	Guidi_affl_2	1	RG2004__	TR030_0150H	7.00	1.88	30.20	31.31	0.72	0.33	31.34	2.63	0.39
Guidi_affl_2	Guidi_affl_2	1	RG2004__	TR030_0200H	7.00	1.95	30.20	31.25	0.85	0.42	31.29	2.30	0.35
Guidi_affl_2	Guidi_affl_2	1	RG2004__	TR030_0300H	7.00	1.57	30.20	31.18	0.82	0.43	31.21	1.91	0.31
Guidi_affl_2	Guidi_affl_2	1	RG2004__	TR030_0400H	7.00	1.26	30.20	31.11	0.80	0.46	31.14	1.58	0.26
Guidi_affl_2	Guidi_affl_2	1	RG2004__	TR030_0500H	7.00	1.18	30.20	31.07	0.85	0.51	31.11	1.38	0.24

6.3.2 TEMPO DI RITORNO 200 ANNI

River	Reach	River Sta	Plan	Length Chnl	Q Total	Min Ch El	W.S. Elev	Vel Total	Froude # XS	E.G. Elev	Area	Hydr Radius
				(m)	(m3/s)	(m)	(m)	(m/s)		(m)	(m2)	(m)
Guidi_affl_2	Guidi_affl_2	6 RG2001_A	TR200_0030H	7.91	3.88	36.20	37.10	3.25	1.37	37.64	1.19	0.41
Guidi_affl_2	Guidi_affl_2	6 RG2001_A	TR200_0050H	7.91	4.71	36.20	37.22	3.23	1.28	37.75	1.46	0.45
Guidi_affl_2	Guidi_affl_2	6 RG2001_A	TR200_0100H	7.91	4.52	36.20	37.19	3.24	1.31	37.73	1.39	0.44
Guidi_affl_2	Guidi_affl_2	6 RG2001_A	TR200_0150H	7.91	3.93	36.20	37.11	3.25	1.37	37.64	1.21	0.41
Guidi_affl_2	Guidi_affl_2	6 RG2001_A	TR200_0200H	7.91	3.34	36.20	37.02	3.21	1.42	37.55	1.04	0.38
Guidi_affl_2	Guidi_affl_2	6 RG2001_A	TR200_0300H	7.91	2.50	36.20	36.90	3.08	1.47	37.39	0.81	0.33
Guidi_affl_2	Guidi_affl_2	6 RG2001_A	TR200_0400H	7.91	2.03	36.20	36.83	2.94	1.48	37.28	0.69	0.30
Guidi_affl_2	Guidi_affl_2	6 RG2001_A	TR200_0500H	7.91	1.72	36.20	36.78	2.83	1.49	37.19	0.61	0.28
Guidi_affl_2	Guidi_affl_2	5 RG2001_B	TR200_0030H	21.00	3.87	35.86	36.78	3.40	1.13	37.37	1.14	0.42
Guidi_affl_2	Guidi_affl_2	5 RG2001_B	TR200_0050H	21.00	4.70	35.86	36.92	3.53	1.09	37.56	1.33	0.44
Guidi_affl_2	Guidi_affl_2	5 RG2001_B	TR200_0100H	21.00	4.52	35.86	36.89	3.51	1.10	37.52	1.29	0.44
Guidi_affl_2	Guidi_affl_2	5 RG2001_B	TR200_0150H	21.00	3.93	35.86	36.79	3.41	1.13	37.39	1.15	0.42
Guidi_affl_2	Guidi_affl_2	5 RG2001_B	TR200_0200H	21.00	3.34	35.86	36.70	3.29	1.15	37.25	1.01	0.40
Guidi_affl_2	Guidi_affl_2	5 RG2001_B	TR200_0300H	21.00	2.50	35.86	36.57	3.06	1.32	37.05	0.82	0.36
Guidi_affl_2	Guidi_affl_2	5 RG2001_B	TR200_0400H	21.00	2.03	35.86	36.49	2.90	1.35	36.92	0.70	0.33
Guidi_affl_2	Guidi_affl_2	5 RG2001_B	TR200_0500H	21.00	1.72	35.86	36.43	2.78	1.36	36.83	0.62	0.31
Guidi_affl_2	Guidi_affl_2	4.9	TR200_0030H	21.00	3.87	35.02	35.94	3.40	1.13	36.53	1.14	0.42
Guidi_affl_2	Guidi_affl_2	4.9	TR200_0050H	21.00	4.70	35.02	36.08	3.53	1.09	36.72	1.33	0.44
Guidi_affl_2	Guidi_affl_2	4.9	TR200_0100H	21.00	4.52	35.02	36.05	3.51	1.10	36.68	1.29	0.44
Guidi_affl_2	Guidi_affl_2	4.9	TR200_0150H	21.00	3.93	35.02	35.95	3.41	1.13	36.55	1.15	0.42
Guidi_affl_2	Guidi_affl_2	4.9	TR200_0200H	21.00	3.34	35.02	35.86	3.29	1.15	36.41	1.01	0.40
Guidi_affl_2	Guidi_affl_2	4.9	TR200_0300H	21.00	2.50	35.02	35.73	3.06	1.32	36.21	0.82	0.36
Guidi_affl_2	Guidi_affl_2	4.9	TR200_0400H	21.00	2.03	35.02	35.65	2.90	1.34	36.08	0.70	0.33
Guidi_affl_2	Guidi_affl_2	4.9	TR200_0500H	21.00	1.72	35.02	35.60	2.77	1.35	35.99	0.62	0.31
Guidi_affl_2	Guidi_affl_2	4.7	TR200_0030H	21.00	3.87	34.18	35.10	3.40	1.13	35.69	1.14	0.42
Guidi_affl_2	Guidi_affl_2	4.7	TR200_0050H	21.00	4.69	34.18	35.24	3.53	1.09	35.88	1.33	0.44
Guidi_affl_2	Guidi_affl_2	4.7	TR200_0100H	21.00	4.52	34.18	35.21	3.50	1.10	35.84	1.29	0.44
Guidi_affl_2	Guidi_affl_2	4.7	TR200_0150H	21.00	3.93	34.18	35.11	3.41	1.13	35.71	1.15	0.42
Guidi_affl_2	Guidi_affl_2	4.7	TR200_0200H	21.00	3.34	34.18	35.02	3.29	1.15	35.57	1.01	0.40
Guidi_affl_2	Guidi_affl_2	4.7	TR200_0300H	21.00	2.50	34.18	34.89	3.07	1.33	35.37	0.81	0.36
Guidi_affl_2	Guidi_affl_2	4.7	TR200_0400H	21.00	2.03	34.18	34.81	2.91	1.35	35.24	0.70	0.33
Guidi_affl_2	Guidi_affl_2	4.7	TR200_0500H	21.00	1.72	34.18	34.75	2.79	1.37	35.15	0.62	0.31
Guidi_affl_2	Guidi_affl_2	4.4	TR200_0030H	21.00	3.86	33.34	34.26	3.40	1.13	34.85	1.14	0.42
Guidi_affl_2	Guidi_affl_2	4.4	TR200_0050H	21.00	4.69	33.34	34.40	3.52	1.09	35.03	1.33	0.44
Guidi_affl_2	Guidi_affl_2	4.4	TR200_0100H	21.00	4.51	33.34	34.37	3.50	1.10	35.00	1.29	0.44
Guidi_affl_2	Guidi_affl_2	4.4	TR200_0150H	21.00	3.93	33.34	34.27	3.41	1.13	34.87	1.15	0.42
Guidi_affl_2	Guidi_affl_2	4.4	TR200_0200H	21.00	3.34	33.34	34.18	3.29	1.15	34.73	1.01	0.40
Guidi_affl_2	Guidi_affl_2	4.4	TR200_0300H	21.00	2.50	33.34	34.05	3.04	1.31	34.52	0.82	0.36
Guidi_affl_2	Guidi_affl_2	4.4	TR200_0400H	21.00	2.03	33.34	33.98	2.86	1.32	34.39	0.71	0.33
Guidi_affl_2	Guidi_affl_2	4.4	TR200_0500H	21.00	1.72	33.34	33.92	2.71	1.31	34.30	0.63	0.31
Guidi_affl_2	Guidi_affl_2	4.2	TR200_0030H	26.70	3.86	32.50	33.43	3.38	1.12	34.01	1.14	0.42
Guidi_affl_2	Guidi_affl_2	4.2	TR200_0050H	26.70	4.69	32.50	33.57	3.50	1.08	34.19	1.34	0.45
Guidi_affl_2	Guidi_affl_2	4.2	TR200_0100H	26.70	4.51	32.50	33.54	3.45	1.08	34.15	1.31	0.44
Guidi_affl_2	Guidi_affl_2	4.2	TR200_0150H	26.70	3.93	32.50	33.44	3.37	1.11	34.02	1.16	0.42
Guidi_affl_2	Guidi_affl_2	4.2	TR200_0200H	26.70	3.34	32.50	33.34	3.28	1.14	33.89	1.02	0.40
Guidi_affl_2	Guidi_affl_2	4.2	TR200_0300H	26.70	2.50	32.50	33.20	3.11	1.35	33.69	0.80	0.36
Guidi_affl_2	Guidi_affl_2	4.2	TR200_0400H	26.70	2.03	32.50	33.12	2.99	1.40	33.57	0.68	0.33
Guidi_affl_2	Guidi_affl_2	4.2	TR200_0500H	26.70	1.72	32.50	33.06	2.88	1.43	33.48	0.60	0.30
Guidi_affl_2	Guidi_affl_2	4 RG2002_C	TR200_0030H	1.19	3.86	31.44	32.48	2.97	0.93	32.93	1.30	0.44
Guidi_affl_2	Guidi_affl_2	4 RG2002_C	TR200_0050H	1.19	4.69	31.44	32.57	3.29	0.99	33.12	1.42	0.45
Guidi_affl_2	Guidi_affl_2	4 RG2002_C	TR200_0100H	1.19	4.51	31.44	32.59	3.12	0.93	33.08	1.45	0.45
Guidi_affl_2	Guidi_affl_2	4 RG2002_C	TR200_0150H	1.19	3.91	31.44	32.52	2.87	0.88	32.94	1.36	0.45
Guidi_affl_2	Guidi_affl_2	4 RG2002_C	TR200_0200H	1.19	3.34	31.44	32.45	2.64	0.84	32.81	1.26	0.44
Guidi_affl_2	Guidi_affl_2	4 RG2002_C	TR200_0300H	1.19	2.50	31.44	32.32	2.34	0.80	32.60	1.07	0.41
Guidi_affl_2	Guidi_affl_2	4 RG2002_C	TR200_0400H	1.19	2.03	31.44	32.24	2.13	0.76	32.47	0.95	0.39
Guidi_affl_2	Guidi_affl_2	4 RG2002_C	TR200_0500H	1.19	1.72	31.44	32.19	1.95	0.81	32.39	0.88	0.37
Guidi_affl_2	Guidi_affl_2	3 RG2002_D	TR200_0030H	3.93	3.86	31.64	32.39	2.09	0.87	32.61	1.84	0.48
Guidi_affl_2	Guidi_affl_2	3 RG2002_D	TR200_0050H	3.93	4.69	31.64	32.46	2.27	0.90	32.72	2.06	0.52
Guidi_affl_2	Guidi_affl_2	3 RG2002_D	TR200_0100H	3.93	4.51	31.64	32.48	2.10	0.82	32.71	2.15	0.53
Guidi_affl_2	Guidi_affl_2	3 RG2002_D	TR200_0150H	3.93	3.85	31.64	32.44	1.92	0.77	32.63	2.00	0.51
Guidi_affl_2	Guidi_affl_2	3 RG2002_D	TR200_0200H	3.93	3.34	31.64	32.38	1.84	0.77	32.55	1.82	0.48
Guidi_affl_2	Guidi_affl_2	3 RG2002_D	TR200_0300H	3.93	2.50	31.64	32.26	1.72	0.79	32.41	1.45	0.41
Guidi_affl_2	Guidi_affl_2	3 RG2002_D	TR200_0400H	3.93	2.03	31.64	32.19	1.61	0.78	32.33	1.26	0.37
Guidi_affl_2	Guidi_affl_2	3 RG2002_D	TR200_0500H	3.93	1.72	31.64	32.15	1.51	0.76	32.27	1.14	0.35
Guidi_affl_2	Guidi_affl_2	2 RG2003_	TR200_0030H	28.00	3.86	31.57	32.20	3.02	1.43	32.66	1.28	0.39
Guidi_affl_2	Guidi_affl_2	2 RG2003_	TR200_0050H	28.00	4.69	31.57	32.26	3.25	1.48	32.79	1.44	0.42
Guidi_affl_2	Guidi_affl_2	2 RG2003_	TR200_0100H	28.00	4.48	31.57	32.35	2.59	1.11	32.69	1.73	0.47
Guidi_affl_2	Guidi_affl_2	2 RG2003_	TR200_0150H	28.00	3.83	31.57	32.33	2.31	1.00	32.60	1.66	0.46
Guidi_affl_2	Guidi_affl_2	2 RG2003_	TR200_0200H	28.00	3.33	31.57	32.27	2.26	1.02	32.53	1.47	0.42
Guidi_affl_2	Guidi_affl_2	2 RG2003_	TR200_0300H	28.00	2.50	31.57	32.12	2.36	1.20	32.40	1.06	0.34
Guidi_affl_2	Guidi_affl_2	2 RG2003_	TR200_0400H	28.00	2.03	31.57	32.04	2.41	1.34	32.33	0.84	0.29
Guidi_affl_2	Guidi_affl_2	2 RG2003_	TR200_0500H	28.00	1.72	31.57	31.99	2.41	1.42	32.28	0.72	0.26
Guidi_affl_2	Guidi_affl_2	1.5	TR200_0030H	1.00	1.36	30.35	31.66	0.35	0.14	31.67	3.83	0.51
Guidi_affl_2	Guidi_affl_2	1.5	TR200_0050H	1.00	2.02	30.35	31.90	0.37	0.13	31.91	5.43	0.65
Guidi_affl_2	Guidi_affl_2	1.5	TR200_0100H	1.00	3.97	30.35	32.01	0.64	0.23	32.03	6.18	0.69
Guidi_affl_2	Guidi_affl_2	1.5	TR200_0150H	1.00	4.20	30.35	32.01	0.68	0.24	32.04	6.19	0.70
Guidi_affl_2	Guidi_affl_2	1.5	TR200_0200H	1.00	3.48	30.35	31.95	0.60	0.21	31.97	5.76	0.68
Guidi_affl_2	Guidi_affl_2	1.5	TR200_0300H	1.00	2.47	30.35	31.68	0.63	0.26	31.70	3.91	0.52
Guidi_affl_2	Guidi_affl_2	1.5	TR200_0400H	1.00	2.03	30.35	31.47	0.75	0.35	31.50	2.70	0.40
Guidi_affl_2	Guidi_affl_2	1.5	TR200_0500H	1.00	1.72	30.35	31.33	0.90	0.48	31.37	1.91	0.31
Guidi_affl_2	Guidi_affl_2	1 RG2004_	TR200_0030H	7.00	1.54	30.20	31.66	0.32	0.12	31.66	4.77	0.60
Guidi_affl_2	Guidi_affl_2	1 RG2004_	TR200_0050H	7.00	2.53	30.20	31.90	0.39	0.14	31.90	6.46	0.70
Guidi_affl_2	Guidi_affl_2	1 RG2004_	TR200_0100H	7.00	4.65	30.20	31.99	0.65	0.22	32.01	7.19	0.75

River	Reach	River Sta		Plan	Length Chnl	Q Total	Min Ch El	W.S. Elev	Vel Total	Froude # XS	E. G. Elev	Area	Hydr Radius
					(m)	(m3/s)	(m)	(m)	(m/s)		(m)	(m2)	(m)
Guidi_affl_2	Guidi_affl_2	1	RG2004__	TR200_0150H	7.00	4.93	30.20	31.99	0.69	0.23	32.01	7.19	0.75
Guidi_affl_2	Guidi_affl_2	1	RG2004__	TR200_0200H	7.00	4.05	30.20	31.94	0.60	0.21	31.95	6.77	0.71
Guidi_affl_2	Guidi_affl_2	1	RG2004__	TR200_0300H	7.00	2.59	30.20	31.67	0.53	0.20	31.68	4.85	0.60
Guidi_affl_2	Guidi_affl_2	1	RG2004__	TR200_0400H	7.00	2.03	30.20	31.47	0.57	0.24	31.49	3.57	0.49
Guidi_affl_2	Guidi_affl_2	1	RG2004__	TR200_0500H	7.00	1.72	30.20	31.32	0.64	0.30	31.34	2.69	0.40