

Regione  
Toscana



Provincia di  
Firenze



Comune di  
Montelupo Fiorentino



Interventi per il declassamento della diga di Sammontana nel  
Comune di Montelupo Fiorentino (FI)

PROGETTO PRELIMINARE

CODICE:

**ID.04**

ELABORATO:

**Tabulati**  
**Verifica idraulica declassamento diga**

SCALA

-

**WEST**  
Systems

**West Systems s.r.l. divisione PHYSIS**  
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02					
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00	PRIMA EMISSIONE	16/07/2018	Ing. Michele Catella	Ing. Michele Catella	Ing. David Settesoldi
REV.	DESCRIZIONE	DATA	REDATTO	VERIFICATO	APPROVATO
REVISIONE			DATA		
00			16/07/2018		

## INDICE

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## **TABULATI VERIFICHE IDRAULICHE TR = 30 ANNI**

Tronchi	Sezioni	P [m]	q [m³/s]	s [m³/s]	h [m]	y [m]	V [m/s]	Fr	Et [m]	Ev [m]	Sp [t]	ym [m]	b [m]	bt [m]	B [m]	Pb [m]	A [dmq]	At [dmq]	R [m]	C2	β	α
Budella	BU_01	1106.3	4.7	0.00	42.64	1.28	2.26	1.00	42.68	0.26	2.0	0.90	3.1	3.3	4.1	0.54	0.28	0.28	0.69	68.12	1.0	1.0
Budella	BU_01A	1119.2	4.6	0.19	42.85	2.01	1.32	1.00	42.85	0.09	5.0	1.45	4.0	4.0	4.9	0.85	0.57	0.57	1.18	82.90	1.0	1.0
Budella	BU_01B	1122.8	4.6	0.00	42.87	2.11	3.33	1.00	42.87	0.57	6.4	9999.99	4.0	4.0	7.0	1.28	0.49	0.49	0.70	126.36	1.0	1.0
Budella	BU_01C	1132.3	4.6	0.00	41.93	1.39	3.76	1.04	42.18	0.72	3.0	9999.99	4.0	4.0	7.0	0.93	0.20	0.20	0.29	129.71	1.0	1.0
Budella	BU_01D	1136.5	4.6	0.00	41.67	1.33	2.42	1.00	41.82	0.30	2.2	0.73	4.2	4.2	5.8	0.53	0.27	0.27	0.47	71.34	1.0	1.0
Budella	BU_02A	1319.8	4.2	0.29	38.77	1.07	2.46	1.00	39.03	0.31	1.8	0.72	2.6	4.3	5.2	0.44	0.19	0.19	0.45	70.28	1.0	1.0
Budella	BU_02B	1450.4	3.4	2.39	37.57	1.54	1.74	1.01	37.59	0.15	2.7	0.96	4.2	4.2	4.9	0.64	0.40	0.40	0.82	69.48	1.0	1.0
Budella	BU_02	1683.1	4.0	0.00	35.39	0.96	1.86	1.67	35.51	0.18	1.5	0.56	4.4	4.4	4.8	0.34	0.25	0.25	0.51	73.50	1.0	1.0
Budella	RG2041__	1729.4	4.0	0.00	35.32	2.09	-0.93	0.76	35.33	0.04	6.9	1.20	6.9	6.9	8.4	0.82	0.83	0.83	0.99	91.43	1.0	1.0
Citerna	CI_01A	276.6	2.0	0.04	44.16	1.99	0.47	0.15	44.17	0.01	4.0	1.67	2.6	3.7	6.0	0.89	0.44	0.44	0.72	112.08	1.0	1.0
Citerna	CI_01B	284.6	2.0	0.00	43.96	1.68	2.75	1.00	44.12	0.39	1.1	9999.99	3.7	3.7	5.9	0.68	0.12	0.12	0.21	123.00	1.0	1.0
Citerna	CI4082_C	291.8	2.0	0.00	43.54	1.69	3.85	1.00	43.73	0.76	1.7	1.51	2.6	2.6	4.5	1.23	0.10	0.10	0.23	116.81	1.0	1.0
Citerna	CI4082_D	292.8	2.0	0.00	42.40	0.65	2.46	1.00	42.71	0.31	0.8	0.62	1.3	1.3	2.5	0.31	0.08	0.08	0.33	90.91	1.0	1.0
Citerna	CI4081__	295.8	2.0	0.00	42.09	0.65	2.16	1.00	42.30	0.24	0.7	0.47	2.4	2.4	3.5	0.31	0.10	0.10	0.30	88.52	1.0	1.0
Citerna	CI4080__	296.0	2.0	0.00	41.81	0.62	2.38	1.00	42.10	0.29	0.7	0.58	1.5	1.5	2.5	0.30	0.08	0.08	0.33	91.67	1.0	1.0
Citerna	CI4079__	303.4	2.0	-0.01	40.87	0.57	2.35	1.00	41.16	0.28	0.7	0.57	1.5	1.5	2.6	0.29	0.09	0.09	0.33	90.94	1.0	1.0
Citerna	CI4078__	303.9	2.0	0.00	40.00	0.59	2.39	1.00	40.29	0.29	0.7	0.58	1.4	1.4	2.6	0.29	0.08	0.08	0.33	90.84	1.0	1.0
Citerna	CI4077__	313.7	2.0	0.00	39.62	0.51	2.22	1.00	39.87	0.25	0.7	0.50	1.8	1.8	2.8	0.25	0.09	0.09	0.32	90.81	1.0	1.0
Citerna	CI4076__	314.2	2.0	0.00	38.40	0.53	2.26	1.00	38.65	0.26	0.7	0.52	1.7	1.7	2.7	0.26	0.09	0.09	0.33	90.85	1.0	1.0
Citerna	CI4075__	320.6	2.0	0.00	37.96	0.51	2.22	1.00	38.21	0.25	0.7	0.50	1.8	1.8	2.8	0.25	0.09	0.09	0.32	90.68	1.0	1.0
Citerna	CI4074__	321.1	2.0	0.00	37.66	0.51	2.22	1.00	37.91	0.25	0.7	0.50	1.8	1.8	2.8	0.25	0.09	0.09	0.32	90.67	1.0	1.0
Citerna	CI4073_A	389.5	2.0	0.00	34.82	0.56	1.93	1.00	35.00	0.19	0.7	0.56	1.9	1.9	3.0	0.28	0.11	0.11	0.35	93.23	1.0	1.0
Citerna	CI4073_B	390.0	2.0	0.00	34.81	0.57	1.93	1.00	34.98	0.19	0.7	0.57	1.9	1.9	3.0	0.29	0.11	0.11	0.36	146.24	1.0	1.0
Citerna	CI4072_C	391.3	2.0	0.00	34.71	0.48	2.17	1.00	34.95	0.24	0.6	0.48	1.9	1.9	2.8	0.24	0.09	0.09	0.32	140.79	1.0	1.0
Citerna	CI4072_D	391.8	2.0	0.00	34.68	0.48	2.17	1.00	34.92	0.24	0.6	0.48	1.9	1.9	2.8	0.24	0.09	0.09	0.32	90.12	1.0	1.0
Citerna	CI4071_A	446.0	1.9	0.00	33.28	0.78	1.39	1.00	33.38	0.10	0.7	0.53	2.6	2.6	3.3	0.33	0.14	0.14	0.43	99.41	1.0	1.0
Citerna	CI4071_B	447.0	1.9	0.00	33.28	0.78	1.39	0.47	33.38	0.10	0.8	0.98	1.8	1.8	3.6	0.40	0.14	0.14	0.39	150.83	1.0	1.0
Citerna	CI4070_C	456.0	1.9	0.00	33.22	0.72	1.48	0.57	33.33	0.11	0.8	0.83	1.8	1.8	3.4	0.36	0.13	0.13	0.39	150.34	1.0	1.0
Citerna	CI4070_D	457.1	2.0	0.00	33.09	0.62	2.08	1.00	33.30	0.22	0.7	0.45	2.1	2.1	2.7	0.27	0.10	0.10	0.36	93.76	1.0	1.0
Citerna	CI2069__	493.1	3.7	0.00	32.77	0.95	2.45	1.00	32.91	0.31	1.4	0.77	2.5	2.5	3.8	0.40	0.20	0.20	0.52	106.15	1.0	1.0
Citerna	CI2068__	549.1	4.0	0.00	31.83	1.02	2.44	1.00	32.04	0.30	1.6	0.65	2.9	2.9	3.7	0.41	0.19	0.19	0.50	105.10	1.0	1.0
Citerna	CI2067__	634.5	5.1	0.18	30.74	1.06	2.33	1.00	30.99	0.28	2.1	0.57	4.0	4.0	4.6	0.41	0.23	0.23	0.50	100.82	1.0	1.0
Citerna	CI3066_9	653.2	5.0	0.19	30.58	1.13	2.54	1.00	30.83	0.33	2.1	0.74	3.0	3.0	3.5	0.47	0.22	0.22	0.62	98.20	1.0	1.0
Citerna	CI3066_8	671.9	5.0	0.05	30.35	1.12	2.54	1.00	30.68	0.33	2.2	0.66	3.0	3.0	3.8	0.44	0.20	0.20	0.52	103.86	1.0	1.0
Citerna	CI3066_7	690.6	5.0	0.07	30.18	1.17	2.31	1.00	30.39	0.27	2.1	0.60	4.0	4.0	4.7	0.46	0.24	0.24	0.51	95.30	1.0	1.0
Citerna	CI3066_6	709.3	4.9	0.12	29.97	1.19	2.51	1.00	30.25	0.32	2.1	0.69	3.0	3.0	3.9	0.47	0.21	0.21	0.54	103.72	1.0	1.0
Citerna	CI3066_5	728.0	4.9	0.01	29.74	1.18	2.56	1.00	30.07	0.33	2.2	0.67	2.9	2.9	3.9	0.45	0.19	0.19	0.49	104.33	1.0	1.0
Citerna	CI3066_4	746.7	4.9	0.01	29.55	1.22	2.32	1.00	29.82	0.27	2.1	0.55	3.9	3.9	4.9	0.44	0.21	0.21	0.44	100.39	1.0	1.0

Tronchi	Sezioni	P [m]	q [m³/s]	s [m³/s]	h [m]	y [m]	V [m/s]	Fr	Et [m]	Ev [m]	Sp [t]	ym [m]	b [m]	bt [m]	B [m]	Pb [m]	A [dmq]	At [dmq]	R [m]	C2	β	α
Citerna	CI3066_3	765.4	4.9	0.00	29.38	1.27	2.31	1.00	29.63	0.27	2.1	0.58	3.9	3.9	5.0	0.46	0.22	0.22	0.44	100.59	1.0	1.0
Citerna	CI3066_2	784.0	4.9	0.00	29.13	1.25	2.57	1.00	29.46	0.34	2.2	0.68	2.8	2.8	4.0	0.47	0.19	0.19	0.48	103.21	1.0	1.0
Citerna	CI3066_1	802.7	4.9	0.00	28.99	1.34	2.33	0.93	29.27	0.28	2.2	0.76	2.8	2.8	4.2	0.50	0.21	0.21	0.51	105.45	1.0	1.0
Citerna	CI2066	821.4	4.9	0.00	28.71	1.28	2.59	1.00	29.05	0.34	2.2	0.69	2.8	2.8	4.1	0.48	0.19	0.19	0.47	102.56	1.0	1.0
Citerna	CI4065_A	824.2	4.9	0.00	28.65	1.18	1.18	0.51	28.66	0.07	2.6	0.54	12.9	12.9	13.4	0.40	0.62	0.62	0.52	106.28	1.0	1.0
Citerna	CI4065_B	826.2	4.9	0.00	28.65	1.18	1.96	1.00	28.66	0.20	2.1	9999.99	13.0	13.0	14.1	0.35	0.57	0.57	0.42	154.29	1.0	1.0
Citerna	CI4064_C	831.2	4.9	0.00	28.62	1.23	1.74	1.66	28.65	0.15	2.0	9999.99	14.2	14.2	15.1	0.30	0.56	0.56	0.37	148.30	1.0	1.0
Citerna	CI4064_D	833.2	4.9	0.00	28.62	1.85	0.99	1.00	28.64	0.05	5.3	0.84	14.2	14.2	15.2	0.62	0.82	0.82	0.71	117.95	1.0	1.0
Citerna	CI2063	835.5	4.9	0.00	28.59	1.99	0.74	0.30	28.61	0.03	6.0	1.10	11.4	12.3	13.8	0.73	0.78	0.78	0.86	125.44	1.0	1.0
Citerna	CI3062_8	852.4	4.8	0.00	28.58	1.99	0.77	0.31	28.60	0.03	6.1	0.96	13.0	13.0	14.3	0.67	0.88	0.88	0.77	121.04	1.0	1.0
Citerna	CI3062_6	869.4	4.6	0.00	28.56	1.83	0.87	0.56	28.57	0.04	5.8	0.92	13.1	13.1	14.2	0.63	0.88	0.88	0.76	120.59	1.0	1.0
Citerna	CI3062_5	886.3	4.5	0.00	28.52	1.94	0.84	0.36	28.54	0.04	6.0	0.95	13.1	13.1	14.3	0.65	0.88	0.88	0.78	121.54	1.0	1.0
Citerna	CI3062_3	903.2	4.4	0.00	28.51	1.99	0.81	0.33	28.52	0.03	6.2	0.91	11.7	11.7	12.9	0.69	0.86	0.86	0.77	120.85	1.0	1.0
Citerna	CI4062_A	910.9	4.4	0.00	28.51	1.95	1.19	0.94	28.52	0.07	5.3	0.92	8.3	8.3	9.5	0.68	0.76	0.76	0.81	123.02	1.0	1.0
Citerna	CI4062_B	913.0	4.4	0.00	28.52	2.02	1.40	0.73	28.52	0.10	4.9	0.91	8.0	8.0	9.8	0.67	0.72	0.72	0.74	186.36	1.0	1.0
Citerna	CI4062_C	916.0	4.4	0.00	28.52	2.05	0.90	0.39	28.52	0.04	6.8	1.14	8.0	8.0	10.0	0.74	0.91	0.91	0.91	200.24	1.0	1.0
Citerna	CI4062_D	918.8	4.4	0.00	28.52	2.06	0.79	0.34	28.52	0.03	7.4	1.07	9.0	9.0	10.1	0.76	0.96	0.96	0.95	129.85	1.0	1.0
Citerna	CI3062_1	920.1	4.4	0.07	28.52	1.98	1.07	0.71	28.53	0.06	6.2	1.11	7.6	7.6	8.6	0.73	0.84	0.84	0.98	131.30	1.0	1.0
Citerna	CI2062	937.0	5.4	1.11	28.52	2.20	1.50	0.65	28.52	0.11	9.9	1.19	10.1	11.0	11.9	0.82	1.20	1.20	1.01	112.06	1.0	1.0
Citerna	CI4061_A	964.2	3.5	1.66	29.09	2.75	1.91	1.00	29.10	0.19	18.0	1.79	9.3	9.3	10.2	1.07	1.67	1.67	1.64	123.29	1.0	1.0
Citerna	CI4061_B	966.4	3.5	0.00	28.96	2.89	0.89	0.32	28.98	0.04	9.9	9999.99	3.0	3.0	10.0	1.64	0.59	0.59	0.60	174.07	1.0	1.0
Citerna	CI2060_C	1167.7	3.8	0.00	28.40	2.86	1.70	0.49	28.48	0.15	4.5	9999.99	3.6	3.6	9.7	1.83	0.23	0.23	0.47	160.55	1.0	1.0
Citerna	CI2060	1168.2	3.8	0.00	27.94	2.40	0.66	0.21	27.96	0.02	5.6	1.31	5.5	5.5	7.9	0.89	0.59	0.59	0.79	122.14	1.0	1.0
Citerna	SV2055	1184.4	3.9	0.00	27.95	2.42	0.47	0.14	27.96	0.01	8.3	1.18	8.9	8.9	11.1	0.80	1.02	1.02	0.92	128.29	1.0	1.0
Cortenuova	CO3010_5	3206.7	6.8	0.00	27.68	2.99	0.77	0.22	27.68	0.03	12.8	1.66	7.0	7.0	9.4	1.10	1.16	1.16	1.24	141.79	1.0	1.0
Cortenuova	CO3010_4	3207.7	6.8	0.00	27.68	2.99	0.77	0.22	27.68	0.03	12.8	1.68	6.9	6.9	9.3	1.10	1.17	1.17	1.25	142.28	1.0	1.0
Cortenuova	CO3010_3	3319.4	6.4	0.00	27.69	3.04	0.71	0.20	27.69	0.03	13.6	1.64	7.3	7.3	9.8	1.13	1.21	1.21	1.24	141.75	1.0	1.0
Cortenuova	CO3010_2	3364.9	6.2	0.00	27.69	3.08	0.66	0.18	27.69	0.02	14.4	1.65	8.2	8.2	10.6	1.14	1.26	1.26	1.24	141.87	1.0	1.0
Cortenuova	CO3010_1	3410.3	6.0	0.00	27.69	3.12	0.60	0.17	27.69	0.02	15.5	1.80	7.3	7.3	9.9	1.18	1.31	1.31	1.32	145.08	1.0	1.0
Cortenuova	CO2010	3455.7	8.8	0.31	27.66	3.13	0.78	0.20	27.68	0.03	17.0	1.71	8.9	8.9	11.4	1.18	1.39	1.39	1.27	142.89	1.0	1.0
Cortenuova	CO3009_7	3497.2	8.8	0.00	27.65	3.14	0.80	0.20	27.67	0.03	16.0	1.82	7.2	7.2	9.8	1.17	1.31	1.31	1.34	145.79	1.0	1.0
Cortenuova	CO3009_5	3538.6	8.8	0.00	27.64	3.15	0.77	0.20	27.66	0.03	16.0	1.80	7.4	7.4	9.9	1.16	1.33	1.33	1.35	146.06	1.0	1.0
Cortenuova	CO3009_2	3580.1	8.8	0.00	27.63	3.17	0.74	0.19	27.65	0.03	16.4	1.81	7.5	7.5	10.0	1.17	1.36	1.36	1.36	146.37	1.0	1.0
Cortenuova	CO2009	3621.5	8.8	0.00	27.62	3.18	0.69	0.18	27.64	0.02	17.3	1.77	8.0	8.0	10.5	1.19	1.41	1.41	1.34	145.76	1.0	1.0
Cortenuova	CO3008_8	3657.3	8.7	0.00	27.61	3.16	0.71	0.18	27.63	0.03	16.4	1.79	7.5	7.5	10.1	1.18	1.35	1.35	1.34	145.61	1.0	1.0
Cortenuova	CO2008_7	3693.1	8.3	0.45	27.61	3.15	0.72	0.20	27.62	0.03	15.9	1.52	9.1	10.0	12.2	1.12	1.38	1.38	1.15	138.50	1.0	1.0
Cortenuova	CO2008_6	3696.1	8.3	0.01	27.60	3.15	0.66	0.14	27.62	0.02	19.0	2.68	5.0	5.0	9.9	1.38	1.34	1.34	1.35	145.24	1.0	1.0
Cortenuova	CO2008_B	3696.6	8.3	0.00	27.59	3.14	0.78	0.17	27.62	0.03	18.3	9999.99	5.0	5.0	18.9	1.63	1.08	1.08	1.18	218.41	1.0	1.0
Cortenuova	CO2008_C	3710.5	8.4	0.00	27.55	3.15	1.00	0.25	27.60	0.05	13.0	9999.99	5.1	5.1	19.4	1.45	0.84	0.84	0.90	199.63	1.0	1.0
Cortenuova	CO2008_4	3711.0	8.4	0.00	27.54	3.14	0.82	0.20	27.57	0.03	13.3	2.13	5.1	5.1	10.2	1.17	1.09	1.09	1.06	134.84	1.0	1.0
Cortenuova	CO2008_3	3752.4	8.3	0.00	27.52	3.16	0.96	0.28	27.55	0.05	10.9	1.42	7.2	7.2	10.0	1.00	1.02	1.02	1.02	132.76	1.0	1.0

Tronchi	Sezioni	P [m]	q [m³/s]	s [m³/s]	h [m]	y [m]	V [m/s]	Fr	Et [m]	Ev [m]	Sp [t]	ym [m]	b [m]	bt [m]	B [m]	Pb [m]	A [dmq]	At [dmq]	R [m]	C2	β	α
Cortenuova	CO2008_2	3758.3	8.3	0.04	27.52	3.19	0.83	0.18	27.55	0.03	14.2	2.49	4.3	4.3	9.7	1.28	1.06	1.06	1.10	135.48	1.0	1.0
Cortenuova	CO2008B_	3758.8	8.3	0.00	27.47	3.14	1.14	0.15	27.54	0.07	12.0	9999.99	4.3	4.3	12.5	1.52	0.73	0.73	0.69	182.56	1.0	1.0
Cortenuova	CO2008C_	3768.6	8.3	0.00	27.46	3.13	1.14	0.15	27.53	0.07	11.9	9999.99	4.3	4.3	12.5	1.51	0.73	0.73	0.69	182.56	1.0	1.0
Cortenuova	CO2008_1	3769.1	8.3	0.00	27.46	3.13	0.84	0.18	27.50	0.04	13.7	2.44	4.3	4.3	9.8	1.25	1.04	1.04	1.06	134.81	1.0	1.0
Cortenuova	CO2008_	3775.6	8.3	0.00	27.46	3.16	0.97	0.28	27.49	0.05	10.4	1.40	7.0	7.0	9.9	0.99	0.98	0.98	0.99	131.64	1.0	1.0
Cortenuova	CO3007_8	3819.7	8.3	0.03	27.43	3.16	0.98	0.29	27.46	0.05	10.3	1.33	8.1	8.1	11.0	0.98	0.97	0.97	0.92	128.62	1.0	1.0
Cortenuova	CO3007_6	3863.8	8.2	0.00	27.40	3.16	0.98	0.29	27.44	0.05	10.1	1.29	7.8	7.8	10.7	0.98	0.96	0.96	0.90	127.48	1.0	1.0
Cortenuova	CO3007_5	3907.9	8.2	0.00	27.37	3.16	1.00	0.29	27.41	0.05	10.0	1.39	6.8	6.8	9.8	0.99	0.94	0.94	0.96	130.28	1.0	1.0
Cortenuova	CO3007_3	3952.1	8.2	0.00	27.35	3.17	0.96	0.28	27.38	0.05	10.2	1.35	7.3	7.3	10.3	0.97	0.98	0.98	0.96	130.12	1.0	1.0
Cortenuova	CO3007_1	3996.2	8.1	0.00	27.31	3.17	1.04	0.30	27.35	0.05	9.7	1.28	7.3	7.3	10.4	0.97	0.92	0.92	0.89	126.89	1.0	1.0
Cortenuova	CO2007_	4040.3	8.2	0.00	27.28	3.17	1.08	0.32	27.32	0.06	9.6	1.37	6.6	6.6	9.8	0.98	0.90	0.90	0.92	128.47	1.0	1.0
Cortenuova	CO3006_8	4083.6	8.2	0.00	27.25	3.16	1.09	0.33	27.29	0.06	9.5	1.34	6.8	6.8	9.9	0.97	0.89	0.89	0.90	127.71	1.0	1.0
Cortenuova	CO3006_6	4126.9	8.2	0.00	27.21	3.16	1.11	0.33	27.26	0.06	9.4	1.37	6.5	6.5	9.6	0.97	0.89	0.89	0.92	128.57	1.0	1.0
Cortenuova	CO3006_5	4170.2	8.2	0.00	27.18	3.15	1.13	0.34	27.22	0.07	9.3	1.36	6.5	6.5	9.5	0.97	0.88	0.88	0.92	128.51	1.0	1.0
Cortenuova	CO3006_3	4213.5	8.2	0.00	27.15	3.15	1.17	0.36	27.19	0.07	9.3	1.36	6.4	6.4	9.5	0.97	0.87	0.87	0.92	128.43	1.0	1.0
Cortenuova	CO3006_1	4256.8	8.2	0.00	27.11	3.14	1.21	0.37	27.16	0.07	9.2	1.33	6.5	6.5	9.6	0.97	0.87	0.87	0.91	127.79	1.0	1.0
Cortenuova	CO2006_	4300.1	7.9	0.57	27.08	3.14	1.26	0.40	27.13	0.08	9.1	1.34	6.5	6.5	9.4	0.97	0.87	0.87	0.92	128.39	1.0	1.0
Cortenuova	CO3005_9	4345.6	7.8	0.00	27.07	3.16	1.11	0.38	27.10	0.06	10.4	1.45	7.2	7.2	10.2	0.94	1.04	1.04	1.02	132.89	1.0	1.0
Cortenuova	CO3005_8	4391.2	7.8	0.00	27.06	3.18	0.88	0.33	27.08	0.04	12.5	1.77	6.9	6.9	10.7	0.98	1.22	1.22	1.14	138.01	1.0	1.0
Cortenuova	CO3005_7	4436.7	7.8	0.00	27.05	3.21	0.62	0.26	27.07	0.02	15.4	2.09	6.6	6.6	11.4	1.08	1.38	1.38	1.21	140.75	1.0	1.0
Cortenuova	CO2005_6	4482.3	7.8	0.00	27.05	3.24	0.53	0.13	27.06	0.01	18.8	2.39	6.4	6.4	12.5	1.21	1.52	1.52	1.22	141.07	1.0	1.0
Cortenuova	CO2005_B	4482.8	7.8	0.00	26.64	2.83	2.62	0.29	26.99	0.35	6.6	9999.99	2.2	2.2	7.9	1.52	0.30	0.30	0.44	156.73	1.0	1.0
Cortenuova	CO2005_C	4491.0	7.8	0.00	26.54	2.73	2.62	0.30	26.89	0.35	6.3	9999.99	2.2	2.2	7.9	1.42	0.30	0.30	0.44	156.73	1.0	1.0
Cortenuova	CO2005_5	4491.5	7.8	0.00	26.75	2.94	0.60	0.14	26.77	0.02	14.7	2.10	6.4	6.4	11.9	1.07	1.33	1.33	1.12	137.23	1.0	1.0
Cortenuova	CO3005_4	4536.3	7.8	0.00	26.74	2.96	0.63	0.21	26.76	0.02	13.0	1.92	6.6	6.6	11.3	1.00	1.26	1.26	1.12	137.08	1.0	1.0
Cortenuova	CO3005_3	4581.2	7.8	0.00	26.72	2.98	0.68	0.23	26.75	0.02	11.6	1.73	6.8	6.8	10.8	0.94	1.18	1.18	1.09	135.94	1.0	1.0
Cortenuova	CO3005_2	4626.1	7.8	0.00	26.71	3.00	0.75	0.23	26.73	0.03	10.3	1.54	7.0	7.0	10.4	0.90	1.08	1.08	1.04	133.66	1.0	1.0
Cortenuova	CO3005_1	4670.9	7.8	0.00	26.68	3.00	0.85	0.26	26.71	0.04	9.2	1.34	7.3	7.3	10.1	0.88	0.97	0.97	0.96	130.20	1.0	1.0
Cortenuova	CO3005_0	4715.8	7.8	0.00	26.64	3.00	0.95	0.29	26.68	0.05	8.4	1.27	6.7	6.7	9.5	0.90	0.85	0.85	0.90	127.35	1.0	1.0
Cortenuova	CO2005_	4760.6	7.8	0.00	26.59	2.98	1.04	0.31	26.64	0.05	7.8	1.29	5.9	5.9	8.8	0.92	0.76	0.76	0.86	125.79	1.0	1.0
Cortenuova	CO3004_7	4802.2	7.8	0.00	26.55	2.96	1.04	0.31	26.60	0.05	7.8	1.29	5.9	5.9	8.8	0.92	0.76	0.76	0.86	125.70	1.0	1.0
Cortenuova	CO3004_5	4843.8	7.8	0.00	26.51	2.94	1.04	0.31	26.56	0.06	7.7	1.29	5.8	5.8	8.7	0.92	0.75	0.75	0.86	125.58	1.0	1.0
Cortenuova	CO3004_2	4885.4	7.7	0.00	26.46	2.92	1.05	0.31	26.52	0.06	7.6	1.29	5.7	5.7	8.6	0.92	0.74	0.74	0.86	125.47	1.0	1.0
Cortenuova	CO2004_	4927.0	7.8	0.00	26.42	2.90	1.07	0.31	26.47	0.06	7.6	1.29	5.7	5.7	8.6	0.92	0.73	0.73	0.85	125.31	1.0	1.0
Cortenuova	CO3003_8	4970.5	7.8	0.00	26.37	2.88	1.08	0.31	26.43	0.06	7.4	1.27	5.7	5.7	8.5	0.90	0.73	0.73	0.85	125.30	1.0	1.0
Cortenuova	CO3003_7	5014.0	7.8	0.00	26.32	2.86	1.08	0.31	26.38	0.06	7.3	1.25	5.8	5.8	8.5	0.89	0.73	0.73	0.85	125.29	1.0	1.0
Cortenuova	CO3003_5	5057.5	7.8	0.00	26.28	2.84	1.09	0.32	26.33	0.06	7.2	1.23	5.9	5.9	8.5	0.87	0.72	0.72	0.85	125.26	1.0	1.0
Cortenuova	CO3003_4	5101.0	7.8	0.00	26.23	2.82	1.10	0.32	26.29	0.06	7.1	1.22	5.9	5.9	8.5	0.87	0.72	0.72	0.85	125.20	1.0	1.0
Cortenuova	CO3003_2	5144.5	7.8	0.00	26.18	2.81	1.10	0.32	26.24	0.06	7.0	1.21	6.0	6.0	8.5	0.86	0.72	0.72	0.85	125.09	1.0	1.0
Cortenuova	CO3003_1	5188.0	7.8	0.00	26.14	2.79	1.10	0.32	26.19	0.06	7.0	1.20	6.0	6.0	8.6	0.86	0.73	0.73	0.85	124.89	1.0	1.0
Cortenuova	CO2003_	5231.5	8.1	0.00	26.07	2.75	1.14	0.33	26.14	0.07	7.1	1.19	6.0	6.0	8.6	0.86	0.72	0.72	0.83	124.17	1.0	1.0

Tronchi	Sezioni	P [m]	q [m³/s]	s [m³/s]	h [m]	y [m]	V [m/s]	Fr	Et [m]	Ev [m]	Sp [t]	ym [m]	b [m]	bt [m]	B [m]	Pb [m]	A [dmq]	At [dmq]	R [m]	C2	β	α
Cortenuova	CO3002_8	5280.5	8.1	0.00	26.00	2.70	1.19	0.35	26.07	0.07	6.6	1.16	5.9	5.9	8.3	0.82	0.68	0.68	0.83	123.85	1.0	1.0
Cortenuova	CO3002_6	5329.5	8.1	0.00	25.92	2.63	1.25	0.38	26.00	0.08	6.3	1.14	5.7	5.7	8.0	0.80	0.65	0.65	0.81	123.11	1.0	1.0
Cortenuova	CO3002_4	5378.6	8.1	0.00	25.83	2.55	1.32	0.40	25.91	0.09	6.0	1.11	5.5	5.5	7.8	0.79	0.62	0.62	0.79	122.13	1.0	1.0
Cortenuova	CO3002_2	5427.6	8.1	0.00	25.70	2.44	1.44	0.44	25.81	0.11	5.5	1.07	5.3	5.3	7.6	0.76	0.56	0.56	0.74	119.37	1.0	1.0
Cortenuova	CO2002	5476.6	8.1	0.00	25.01	1.76	2.84	1.08	25.41	0.41	4.2	0.82	3.5	3.5	5.6	0.64	0.29	0.29	0.52	105.88	1.0	1.0
Cortenuova	CO2001_1	5492.6	8.1	0.00	25.05	1.90	1.11	0.41	25.11	0.06	6.9	1.34	5.4	5.4	7.2	0.82	0.73	0.73	1.01	132.55	1.0	1.0
Cortenuova	CO2001__	5498.6	8.1	0.00	25.04	1.89	1.12	0.44	25.11	0.06	6.8	1.34	5.4	5.4	7.2	0.82	0.73	0.73	1.01	132.44	1.0	1.0
Cortenuova	CO2001_B	5499.1	8.1	0.00	24.70	1.55	2.61	0.68	25.05	0.35	4.6	1.55	2.0	2.0	5.1	0.78	0.31	0.31	0.61	174.92	1.0	1.0
Cortenuova	CO2000_C	5504.1	8.1	0.00	24.34	1.20	3.41	1.03	24.93	0.59	4.2	1.19	2.0	2.0	4.4	0.60	0.24	0.24	0.54	168.39	1.0	1.0
Cortenuova	CO2000_9	5504.6	8.1	0.00	24.46	1.33	1.82	0.58	24.63	0.17	4.1	1.00	4.5	4.5	5.7	0.59	0.45	0.45	0.78	121.55	1.0	1.0
Cortenuova	CO2000_8	5505.6	8.1	0.00	24.45	1.32	1.83	0.59	24.62	0.17	4.1	1.00	4.5	4.5	5.7	0.59	0.44	0.44	0.78	121.42	1.0	1.0
Cortenuova	CO2000_7	5507.6	8.1	0.00	24.45	1.33	1.82	0.59	24.62	0.17	4.1	1.00	4.5	4.5	5.7	0.59	0.45	0.45	0.78	121.51	1.0	1.0
Fibbiana	FI2260__	2309.9	5.2	-0.54	27.34	1.99	1.36	0.53	27.43	0.09	3.1	0.75	5.3	5.3	7.6	0.61	0.40	0.40	0.52	106.36	1.0	1.0
Fibbiana	FI2250__	2310.9	5.2	0.00	27.34	1.99	1.36	0.54	27.43	0.09	3.1	0.75	5.3	5.3	7.6	0.61	0.39	0.39	0.52	106.24	1.0	1.0
Fibbiana	FI2230__	2556.9	4.6	0.71	26.93	2.12	0.75	0.41	26.96	0.03	4.8	1.06	5.7	5.7	7.2	0.74	0.61	0.61	0.85	124.90	1.0	1.0
Fibbiana	FI2220__	2622.2	4.4	0.14	26.90	1.90	0.94	0.37	26.93	0.04	4.0	1.40	3.5	9.0	4.9	0.77	0.48	0.62	0.98	131.43	1.0	1.0
Fibbiana	FI2210__	2732.5	4.9	0.02	26.83	1.85	-1.51	2.00	26.85	0.12	3.9	1.23	4.2	11.3	5.5	0.70	0.51	0.68	0.94	129.18	1.0	1.0
Fibbiana	FI2200__	2824.9	4.3	1.04	26.77	1.83	-1.35	1.77	26.80	0.09	4.0	1.05	5.2	9.0	6.6	0.68	0.54	0.60	0.83	122.12	1.0	1.0
Fibbiana	FI2190__	2880.4	4.8	0.39	26.79	1.88	0.73	1.01	26.81	0.03	6.0	1.17	6.0	6.0	7.7	0.80	0.70	0.70	0.91	125.89	1.0	1.0
Fibbiana	FI2190_B	2880.9	4.8	0.00	26.67	1.76	1.59	1.00	26.79	0.13	4.2	9999.99	2.7	2.7	6.9	1.16	0.30	0.30	0.56	109.14	1.0	1.0
Fibbiana	FI2180_C	2884.9	4.8	0.00	26.62	1.68	1.76	1.91	26.74	0.16	3.7	9999.99	2.6	2.6	6.6	1.08	0.27	0.27	0.54	107.47	1.0	1.0
Fibbiana	FI2180__	2885.4	4.8	-0.01	26.66	1.72	-1.16	1.98	26.69	0.07	4.4	1.12	5.0	9.0	6.5	0.71	0.56	0.60	0.86	125.61	1.0	1.0
Fibbiana	FI2170__	2976.1	3.4	2.34	26.64	1.74	-1.38	1.52	26.65	0.10	4.2	1.07	6.0	9.0	6.9	0.64	0.64	0.71	0.92	123.46	1.0	1.0
Fibbiana	FI2160__	3052.5	3.3	0.12	26.67	1.96	-1.36	1.37	26.68	0.09	3.8	1.03	5.0	7.1	6.5	0.72	0.52	0.53	0.80	122.46	1.0	1.0
Fibbiana	FI2150__	3135.4	3.4	0.15	26.63	1.95	-1.39	1.23	26.64	0.10	3.6	0.99	5.0	5.4	6.5	0.71	0.50	0.50	0.77	121.05	1.0	1.0
Fibbiana	FI2140__	3212.5	3.6	0.44	26.58	1.95	-1.42	1.07	26.58	0.10	3.5	0.97	5.0	5.6	6.4	0.70	0.48	0.49	0.75	120.11	1.0	1.0
Fibbiana	FI2130__	3297.1	3.7	0.37	26.55	1.98	-1.41	1.03	26.56	0.10	3.8	1.06	5.3	5.3	6.8	0.72	0.52	0.52	0.79	122.23	1.0	1.0
Fibbiana	FI2120__	3364.3	3.8	0.33	26.55	2.00	-1.42	1.00	26.56	0.10	3.9	0.93	6.0	6.1	7.5	0.71	0.54	0.54	0.73	118.82	1.0	1.0
Fibbiana	FI2110__	3449.8	3.6	2.45	26.55	2.07	-1.46	0.94	26.56	0.11	4.2	1.14	5.0	7.0	6.5	0.73	0.57	0.63	0.88	126.52	1.0	1.0
Fibbiana	FI2100__	3551.7	3.2	0.01	26.54	1.99	-1.46	0.92	26.56	0.11	3.7	1.03	4.9	4.9	6.4	0.71	0.50	0.50	0.78	121.48	1.0	1.0
Fibbiana	FI2090__	3633.4	3.1	0.72	26.56	1.97	-1.43	0.93	26.57	0.10	4.3	0.97	6.0	8.0	7.3	0.72	0.58	0.61	0.80	119.17	1.0	1.0
Fibbiana	FI2080__	3706.6	3.0	0.13	26.55	2.09	-1.58	0.93	26.55	0.13	3.5	0.96	5.4	6.4	7.1	0.72	0.49	0.49	0.69	116.43	1.0	1.0
Fibbiana	FI2070__	3790.5	3.4	0.00	26.53	2.14	-1.53	0.93	26.54	0.12	4.1	1.06	5.0	5.4	6.6	0.75	0.53	0.54	0.80	122.86	1.0	1.0
Fibbiana	FI2060__	3879.7	3.2	0.00	26.52	2.19	1.61	0.99	26.53	0.13	4.1	1.08	4.7	4.7	6.5	0.78	0.51	0.51	0.78	121.55	1.0	1.0
Fibbiana	FI2050__	3961.1	3.3	0.00	26.50	2.25	-1.57	0.93	26.51	0.13	4.5	1.23	4.3	4.3	6.4	0.84	0.52	0.52	0.82	123.76	1.0	1.0
Fibbiana	FI2040__	4014.3	3.5	0.00	26.50	2.23	-1.57	0.94	26.50	0.13	4.8	1.16	4.9	4.9	6.8	0.81	0.57	0.57	0.84	124.68	1.0	1.0
Fibbiana	FI2030__	4068.8	3.5	0.00	26.54	2.33	-1.68	1.02	26.55	0.14	5.1	1.12	5.3	5.3	7.3	0.82	0.60	0.60	0.82	123.75	1.0	1.0
Fibbiana	FI2020__	4139.9	3.4	0.00	26.50	2.19	-2.00	1.06	26.53	0.20	3.6	1.08	4.2	4.2	6.3	0.74	0.45	0.45	0.72	118.56	1.0	1.0
Fibbiana	FI2013__	4197.0	3.3	0.00	26.74	2.53	-2.40	1.04	26.77	0.29	4.5	1.59	3.0	5.4	6.1	0.90	0.48	0.55	0.79	121.90	1.0	1.0
Fibbiana	FI2012_9	4202.0	3.2	0.00	26.80	2.60	-2.26	1.04	26.82	0.26	4.7	1.61	3.0	6.3	5.9	0.91	0.49	0.60	0.82	123.42	1.0	1.0
Fibbiana	FI2012_B	4202.5	3.2	0.00	26.68	2.48	-2.39	1.03	26.81	0.29	2.8	2.22	0.9	0.9	5.9	1.14	0.20	0.20	0.34	92.36	1.0	1.0

Tronchi	Sezioni	P [m]	q [m³/s]	s [m³/s]	h [m]	y [m]	V [m/s]	Fr	Et [m]	Ev [m]	Sp [t]	ym [m]	b [m]	bt [m]	B [m]	Pb [m]	A [dmq]	At [dmq]	R [m]	C2	β	α
Fibbiana	FI2012_C	4234.0	3.2	0.00	25.53	1.35	3.26	1.12	26.07	0.54	1.6	1.09	0.9	0.9	3.6	0.60	0.10	0.10	0.27	85.53	1.0	1.0
Fibbiana	FI2012	4234.5	3.2	0.00	25.65	1.49	-2.44	1.11	25.89	0.30	1.5	0.83	1.8	1.8	4.1	0.57	0.15	0.15	0.36	93.34	1.0	1.0
Fibbiana	FI2011_9	4236.5	3.2	0.00	25.53	1.37	2.46	1.11	25.84	0.31	1.5	0.97	1.3	1.3	4.1	0.55	0.13	0.13	0.32	89.99	1.0	1.0
Fibbiana	FI2011_1	4288.4	3.1	0.00	25.42	1.35	-1.80	1.08	25.46	0.17	2.4	1.35	2.3	2.3	5.1	0.68	0.32	0.32	0.63	113.13	1.0	1.0
Fibbiana	FI2011	4290.4	3.0	0.00	25.43	1.37	-1.80	1.08	25.47	0.16	2.5	1.37	2.3	2.3	5.1	0.68	0.32	0.32	0.63	113.31	1.0	1.0
Montecuccoli	MO2330	73.7	1.3	0.00	32.01	0.78	1.66	1.00	32.15	0.14	0.5	0.59	1.3	1.3	2.6	0.31	0.08	0.08	0.31	62.10	1.0	1.0
Montecuccoli	MO2329	74.7	1.3	0.00	32.00	0.82	1.54	0.87	32.12	0.12	0.5	0.63	1.3	1.3	2.6	0.33	0.08	0.08	0.32	62.74	1.0	1.0
Montecuccoli	MO2320	87.7	1.3	0.00	32.09	0.97	1.11	0.71	32.11	0.06	0.7	0.32	8.4	8.4	9.0	0.28	0.25	0.25	0.27	59.60	1.0	1.0
Montecuccoli	MO2315_B	88.2	1.3	0.00	31.74	0.62	2.46	1.00	32.05	0.31	0.5	0.61	1.0	1.0	1.9	0.28	0.05	0.05	0.28	134.37	1.0	1.0
Montecuccoli	MO4315_C	205.0	1.3	0.00	29.18	0.89	1.85	1.00	29.29	0.17	0.5	1.16	1.0	1.0	2.5	0.41	0.07	0.07	0.30	138.65	1.0	1.0
Montecuccoli	MO4315_D	207.0	1.3	0.00	29.18	0.89	1.49	1.00	29.23	0.11	0.5	0.52	4.5	4.6	5.7	0.30	0.12	0.12	0.23	56.30	1.0	1.0
Montecuccoli	MO2290	273.7	0.9	0.38	28.94	1.61	0.46	0.18	28.94	0.01	1.3	0.78	3.1	3.1	4.3	0.52	0.24	0.24	0.56	75.25	1.0	1.0
Montecuccoli	MO2280	323.7	3.5	1.71	28.93	1.55	0.56	0.35	28.93	0.02	3.7	0.54	17.4	17.4	18.2	0.38	0.95	0.95	0.52	62.33	1.0	1.0
Montecuccoli	MO2270	376.7	1.5	1.84	28.92	1.77	0.46	0.18	28.92	0.01	4.1	0.65	14.1	14.1	15.6	0.48	0.85	0.85	0.54	67.54	1.0	1.0
Montecuccoli	MO4260_A	401.9	1.1	0.44	28.92	1.42	1.27	0.72	28.94	0.08	1.1	0.91	2.0	2.0	3.4	0.59	0.18	0.18	0.53	68.69	1.0	1.0
Montecuccoli	MO4260_B	402.9	1.1	0.00	28.92	1.42	1.52	1.01	28.94	0.12	1.3	9999.99	3.5	3.5	6.8	0.81	0.15	0.15	0.29	136.26	1.0	1.0
Montecuccoli	MO4260_C	422.5	1.1	0.00	28.93	1.92	1.25	0.77	28.94	0.08	3.0	9999.99	4.0	4.0	7.3	1.20	0.25	0.25	0.34	136.19	1.0	1.0
Montecuccoli	MO4260_D	423.5	1.1	-0.01	28.93	1.92	0.60	0.27	28.93	0.02	2.5	1.24	2.5	2.5	4.2	0.78	0.31	0.31	0.74	74.03	1.0	1.0
Montecuccoli	MO4240_A	426.9	1.1	0.00	28.93	1.97	0.45	0.17	28.93	0.01	3.1	1.32	2.9	2.9	4.6	0.82	0.38	0.38	0.83	77.64	1.0	1.0
Montecuccoli	MO4240_B	427.9	1.1	0.00	28.87	1.91	1.06	0.14	28.93	0.06	1.6	9999.99	1.2	1.2	3.7	1.45	0.10	0.10	0.33	143.08	1.0	1.0
Montecuccoli	MO4240_C	518.4	1.1	0.00	28.40	1.46	1.44	0.27	28.50	0.11	0.9	9999.99	1.0	1.0	3.1	0.96	0.08	0.08	0.30	138.08	1.0	1.0
Montecuccoli	MO4240_D	521.5	1.1	0.00	28.45	1.51	0.29	0.13	28.45	0.00	2.8	0.73	7.1	7.1	7.8	0.54	0.52	0.52	0.66	78.66	1.0	1.0
Montecuccoli	MO4220	547.6	1.2	0.69	28.44	1.48	0.38	0.15	28.45	0.01	3.1	0.91	5.8	6.4	6.5	0.58	0.53	0.55	0.81	85.35	1.0	1.0
Montecuccoli	MO4220_B	550.1	1.2	0.00	28.40	1.48	1.08	0.35	28.44	0.06	1.1	9999.99	1.2	1.2	3.8	0.88	0.11	0.11	0.36	147.19	1.0	1.0
Montecuccoli	MO4220_C	674.4	1.1	0.00	28.27	1.42	1.93	1.00	28.29	0.19	1.0	9999.99	1.2	1.2	3.8	0.82	0.11	0.11	0.36	147.21	1.0	1.0
Montecuccoli	SA2016	677.0	1.1	0.00	28.28	1.58	0.34	0.15	28.28	0.01	4.8	1.10	6.5	6.5	7.6	0.67	0.72	0.72	0.95	90.12	1.0	1.0
Rio_Grande_monte	RG2044	1093.4	15.5	0.00	41.52	1.13	2.72	0.92	41.90	0.38	7.2	0.89	6.4	6.4	7.2	0.51	0.57	0.57	0.79	84.70	1.0	1.0
Rio_Grande_monte	RG4044B	1103.9	15.5	0.00	41.64	1.26	1.45	0.41	41.74	0.11	9.0	1.26	8.5	8.5	11.0	0.63	1.07	1.07	0.97	204.27	1.0	1.0
Rio_Grande_monte	RG4044C	1118.6	15.4	0.00	41.61	1.20	1.52	0.44	41.72	0.12	8.5	1.20	8.5	8.5	10.9	0.60	1.02	1.02	0.93	201.69	1.0	1.0
Rio_Grande_monte	RG4044D	1120.6	15.4	0.00	41.37	1.10	2.61	1.00	41.67	0.35	6.6	0.73	8.6	8.6	9.0	0.44	0.63	0.63	0.70	81.28	1.0	1.0
Rio_Grande_monte	RG4042_M	1158.9	15.3	0.00	40.82	0.96	2.58	1.00	41.16	0.34	6.3	0.68	8.7	8.7	9.1	0.38	0.59	0.59	0.65	79.41	1.0	1.0
Rio_Grande_monte	RG3042_8	1205.9	15.2	0.00	40.04	1.22	2.57	1.00	40.37	0.34	6.6	0.72	8.3	8.3	8.7	0.45	0.60	0.60	0.69	80.96	1.0	1.0
Rio_Grande_monte	RG4042_N	1231.3	15.1	0.00	39.88	1.31	2.30	0.84	40.12	0.27	7.0	0.89	7.8	7.8	8.5	0.53	0.69	0.69	0.82	85.70	1.0	1.0
Rio_Grande_monte	RG3042_7	1252.6	15.1	0.00	39.79	1.57	2.05	0.81	39.97	0.21	7.4	0.94	8.4	8.4	9.1	0.57	0.79	0.79	0.87	87.50	1.0	1.0
Rio_Grande_monte	RG3042_6	1299.4	15.1	0.00	39.03	1.41	3.02	1.00	39.49	0.46	7.3	0.93	5.4	5.4	6.3	0.53	0.50	0.50	0.79	84.74	1.0	1.0
Rio_Grande_monte	RG3042_5	1346.1	15.1	0.00	38.51	1.49	2.85	1.00	38.88	0.41	7.2	0.98	5.7	5.7	6.7	0.55	0.55	0.55	0.83	86.04	1.0	1.0
Rio_Grande_monte	RG3042_4	1392.8	15.1	0.00	37.87	1.45	2.88	1.00	38.30	0.42	7.2	0.85	6.2	6.2	6.9	0.52	0.52	0.52	0.76	83.68	1.0	1.0
Rio_Grande_monte	RG4042_O	1432.3	15.0	0.00	37.47	1.83	1.94	0.56	37.66	0.19	8.9	1.32	5.9	5.9	7.9	0.77	0.78	0.78	1.00	91.64	1.0	1.0
Rio_Grande_monte	RG3042_2	1486.3	15.0	0.00	36.83	1.61	2.94	1.00	37.23	0.44	7.6	0.97	5.5	5.5	6.5	0.61	0.53	0.53	0.82	85.84	1.0	1.0
Rio_Grande_monte	RG3042_1	1533.0	15.1	0.00	36.32	1.70	2.92	1.00	36.71	0.43	7.8	1.04	5.3	5.3	6.5	0.66	0.55	0.55	0.84	86.66	1.0	1.0
Rio_Grande_monte	RG3042_0	1579.7	15.1	0.00	36.02	2.00	2.51	1.00	36.29	0.32	8.8	1.26	5.2	5.2	6.9	0.79	0.66	0.66	0.95	90.28	1.0	1.0



Tronchi	Sezioni	P [m]	q [m³/s]	s [m³/s]	h [m]	y [m]	V [m/s]	Fr	Et [m]	Ev [m]	Sp [t]	ym [m]	b [m]	bt [m]	B [m]	Pb [m]	A [dmq]	At [dmq]	R [m]	C2	β	α
Rio_Grande_monte	RG2042__	1626.5	15.7	0.00	35.88	2.46	1.95	0.52	36.05	0.19	11.2	1.46	5.8	5.8	8.0	0.97	0.84	0.84	1.05	93.36	1.0	1.0
Rio_Grande_monte	RG3041_6	1660.8	15.7	0.00	35.72	2.36	2.05	0.59	35.92	0.21	10.1	1.31	6.1	6.1	7.9	0.87	0.80	0.80	1.02	92.23	1.0	1.0
Rio_Grande_monte	RG3041_3	1695.1	15.8	0.00	35.41	2.12	2.54	0.76	35.71	0.33	9.1	1.30	4.9	4.9	6.7	0.81	0.64	0.64	0.96	90.59	1.0	1.0
Rio_Grande_monte	RG2041__	1729.4	15.8	0.00	35.32	2.09	1.97	0.81	35.50	0.20	9.8	1.20	6.9	6.9	8.4	0.82	0.83	0.83	0.99	91.43	1.0	1.0
Rio_Grande_valle	RG2041__	1729.4	19.8	0.00	35.32	2.09	2.44	0.73	35.61	0.30	11.5	1.20	6.9	6.9	8.4	0.82	0.83	0.83	0.99	131.67	1.0	1.0
Rio_Grande_valle	RG3040_8	1802.2	19.6	0.48	34.65	1.78	3.06	1.00	35.08	0.48	10.5	0.97	7.7	9.0	10.2	0.69	0.67	0.67	0.77	120.83	1.0	1.0
Rio_Grande_valle	RG3040_6	1845.0	19.5	0.16	34.29	1.78	2.84	1.05	34.67	0.41	10.2	0.90	7.9	7.9	9.0	0.67	0.72	0.72	0.79	121.35	1.0	1.0
Rio_Grande_valle	RG3040_4	1887.8	19.5	0.00	33.81	1.68	3.18	1.00	34.32	0.51	10.5	1.03	6.0	6.8	8.1	0.68	0.61	0.61	0.84	124.65	1.0	1.0
Rio_Grande_valle	RG3040_2	1930.6	19.5	0.08	33.40	1.63	2.97	1.11	33.82	0.45	10.0	0.90	8.0	8.0	9.1	0.64	0.68	0.68	0.77	121.22	1.0	1.0
Rio_Grande_valle	RG2040__	1973.4	19.5	0.00	33.04	1.64	3.04	1.00	33.42	0.47	10.1	0.95	7.8	7.8	8.8	0.66	0.70	0.70	0.83	123.98	1.0	1.0
Rio_Grande_valle	RG2039__	2003.4	19.6	0.00	32.71	1.50	3.11	1.06	33.20	0.49	10.1	0.99	6.4	6.4	7.3	0.62	0.63	0.63	0.86	125.55	1.0	1.0
Rio_Grande_valle	RG2038__	2033.4	19.4	0.23	32.69	1.82	2.45	1.23	32.97	0.31	11.3	1.19	7.0	7.0	8.4	0.80	0.83	0.83	0.99	127.39	1.0	1.0
Rio_Grande_valle	RG2037__	2063.4	19.1	0.49	32.60	2.28	2.38	0.76	32.83	0.29	12.2	1.22	7.9	7.9	9.8	0.90	0.89	0.89	0.91	124.74	1.0	1.0
Rio_Grande_valle	RG2036__	2093.4	19.1	0.02	32.20	2.01	3.01	0.85	32.61	0.46	11.1	1.36	5.3	7.6	9.7	0.84	0.66	0.66	0.89	127.03	1.0	1.0
Rio_Grande_valle	RG2035__	2123.4	19.0	0.16	32.02	1.85	3.00	1.00	32.37	0.46	10.5	1.10	6.5	6.5	8.1	0.76	0.71	0.71	0.88	126.63	1.0	1.0
Rio_Grande_valle	RG2034__	2145.3	18.9	0.00	31.82	1.84	2.97	1.00	32.27	0.45	10.9	1.35	4.7	4.7	6.7	0.81	0.64	0.64	0.96	130.11	1.0	1.0
Rio_Grande_valle	RG2034_B	2145.8	18.9	0.00	31.61	1.63	3.49	1.22	32.23	0.62	10.7	1.25	4.4	4.4	6.1	0.73	0.54	0.54	0.88	198.16	1.0	1.0
Rio_Grande_valle	RG2033_C	2186.8	18.9	0.00	30.97	1.60	2.92	0.86	31.35	0.43	10.0	1.36	4.9	4.9	7.0	0.71	0.67	0.67	0.97	204.10	1.0	1.0
Rio_Grande_valle	RG2033__	2187.3	18.9	0.00	31.01	1.64	2.65	0.87	31.32	0.36	9.9	1.20	6.2	6.2	7.4	0.69	0.74	0.74	0.99	131.84	1.0	1.0
Rio_Grande_valle	RG2032__	2213.8	18.9	0.00	30.94	1.76	2.39	1.03	31.21	0.29	10.5	1.29	6.3	6.3	7.8	0.74	0.82	0.82	1.05	134.34	1.0	1.0
Rio_Grande_valle	RG2031__	2243.8	18.8	0.00	30.97	2.02	1.73	0.57	31.12	0.15	12.6	1.50	7.3	7.3	8.9	0.85	1.09	1.09	1.22	141.15	1.0	1.0
Rio_Grande_valle	RG2030__	2267.0	18.8	0.00	30.90	1.95	1.90	0.55	31.08	0.18	12.3	1.57	6.3	6.3	8.6	0.88	0.99	0.99	1.14	138.07	1.0	1.0
Rio_Grande_valle	RG2030_B	2267.5	18.8	0.00	30.83	1.88	2.18	0.58	31.07	0.24	11.7	1.72	5.0	5.0	8.2	0.87	0.86	0.86	1.05	209.97	1.0	1.0
Rio_Grande_valle	RG2029_C	2291.5	18.8	0.00	30.78	1.88	2.14	0.54	31.02	0.23	11.9	1.76	5.0	5.0	8.3	0.89	0.88	0.88	1.06	210.42	1.0	1.0
Rio_Grande_valle	RG2029__	2292.0	18.8	0.00	30.81	1.91	1.95	0.53	31.00	0.19	12.2	1.65	5.8	5.8	8.4	0.88	0.96	0.96	1.14	138.01	1.0	1.0
Rio_Grande_valle	RG2028__	2306.0	18.8	0.00	30.76	1.85	2.09	0.79	30.97	0.22	11.6	1.47	6.3	6.3	8.2	0.83	0.92	0.92	1.13	137.56	1.0	1.0
Rio_Grande_valle	RG2027__	2332.4	22.3	0.00	30.62	1.94	2.34	1.17	30.90	0.28	13.4	1.38	6.9	6.9	8.5	0.85	0.95	0.95	1.12	137.09	1.0	1.0
Rio_Grande_valle	RG2026__	2341.4	22.3	0.00	30.22	2.19	3.40	1.00	30.81	0.59	12.6	1.18	5.5	5.5	7.8	0.75	0.65	0.65	0.84	124.44	1.0	1.0
Rio_Grande_valle	RG2025_5	2342.2	22.3	0.00	30.21	1.71	3.28	1.18	30.76	0.55	12.1	1.10	6.1	6.1	7.4	0.69	0.68	0.68	0.91	128.10	1.0	1.0
Rio_Grande_valle	RG2025__	2343.4	22.2	0.00	29.09	3.22	1.44	0.36	29.19	0.11	22.8	1.74	9.1	9.1	11.4	1.24	1.58	1.58	1.39	144.74	1.0	1.0
Rio_Grande_valle	RG2024__	2347.4	22.0	0.36	29.10	3.24	1.28	0.34	29.18	0.08	27.1	2.82	6.1	8.0	9.4	1.41	1.72	1.72	1.82	128.95	1.0	1.0
Rio_Grande_valle	RG2023__	2350.5	21.8	0.28	29.10	3.24	1.27	0.35	29.18	0.08	27.1	2.93	5.9	8.0	9.5	1.41	1.72	1.72	1.81	128.59	1.0	1.0
Rio_Grande_valle	RG2022__	2442.4	16.3	7.27	29.11	3.40	1.12	0.35	29.15	0.06	27.9	2.29	8.0	8.0	9.5	1.44	1.83	1.83	1.93	132.38	1.0	1.0
Rio_Grande_valle	RG2021__	2444.9	16.1	0.30	29.11	3.40	0.99	0.27	29.14	0.05	31.5	2.44	8.0	8.0	10.5	1.54	1.96	1.96	1.86	133.20	1.0	1.0
Rio_Grande_valle	RG2021_B	2445.4	16.1	0.00	28.91	3.20	3.23	1.06	29.11	0.53	21.8	9999.99	5.8	5.8	14.5	2.27	0.82	0.82	0.61	174.99	1.0	1.0
Rio_Grande_valle	RG2020_C	2455.4	16.0	0.00	28.43	2.72	3.26	1.00	28.88	0.54	15.8	9999.99	5.8	5.8	14.5	2.04	0.54	0.54	0.61	174.91	1.0	1.0
Rio_Grande_valle	RG2020__	2455.9	16.0	-0.04	28.29	2.58	1.52	0.36	28.38	0.12	15.2	1.95	5.8	5.8	8.5	1.18	1.13	1.13	1.34	135.29	1.0	1.0
Rio_Grande_valle	RG2019__	2458.4	16.0	-0.05	28.30	2.59	1.49	0.39	28.37	0.11	14.2	1.70	7.0	8.0	9.5	1.05	1.18	1.18	1.25	127.92	1.0	1.0
Rio_Grande_valle	RG2018__	2668.7	12.2	5.74	28.19	2.81	0.99	0.28	28.23	0.05	14.7	1.60	8.1	8.1	9.9	1.04	1.31	1.31	1.32	144.91	1.0	1.0
Rio_Grande_valle	RG2017__	2776.7	16.2	3.42	28.10	2.88	1.17	0.30	28.17	0.07	16.8	1.64	8.5	8.5	10.3	1.07	1.39	1.39	1.35	145.86	1.0	1.0
Rio_Grande_valle	RG2016__	2779.9	16.2	-0.04	28.09	2.87	1.17	0.28	28.17	0.07	18.5	1.81	7.6	7.6	10.8	1.21	1.38	1.38	1.27	143.13	1.0	1.0

Tronchi	Sezioni	P [m]	q [m³/s]	s [m³/s]	h [m]	y [m]	V [m/s]	Fr	Et [m]	Ev [m]	Sp [t]	ym [m]	b [m]	bt [m]	B [m]	Pb [m]	A [dmq]	At [dmq]	R [m]	C2	β	α
Rio_Grande_valle	RG2016_B	2780.4	16.2	0.00	27.96	2.74	1.92	0.56	28.14	0.19	15.4	9999.99	6.6	6.6	17.4	1.45	0.87	0.87	0.91	200.35	1.0	1.0
Rio_Grande_valle	RG2015_C	2810.2	16.1	0.00	27.86	2.76	1.81	0.51	28.01	0.17	16.8	9999.99	6.8	6.8	18.9	1.52	0.94	0.94	1.01	207.01	1.0	1.0
Rio_Grande_valle	RG2015__	2810.7	16.1	0.00	27.87	2.77	1.23	0.29	27.95	0.08	18.1	1.88	7.1	7.1	10.8	1.23	1.30	1.30	1.21	140.96	1.0	1.0
Rio_Grande_valle	RG2014__	2811.4	12.5	3.55	27.89	2.78	1.09	0.27	27.94	0.06	14.2	1.66	7.2	7.2	9.6	1.10	1.17	1.17	1.23	141.70	1.0	1.0
Rio_Grande_valle	RG2013__	2862.5	12.5	0.01	27.88	2.83	0.82	0.25	27.91	0.03	15.2	1.18	14.5	14.5	16.3	0.89	1.61	1.61	0.99	131.48	1.0	1.0
Rio_Grande_valle	RG2012__	2890.6	12.1	0.47	27.85	2.84	1.00	0.30	27.89	0.05	13.7	1.23	10.9	10.9	12.7	0.96	1.30	1.30	1.02	133.14	1.0	1.0
Rio_Grande_valle	RG2011__	2891.1	12.1	0.00	27.85	2.85	1.00	0.26	27.89	0.05	16.4	1.65	9.2	9.2	12.5	1.18	1.29	1.29	1.06	134.89	1.0	1.0
Rio_Grande_valle	RG2011_B	2891.6	12.1	0.00	27.76	2.76	1.67	0.48	27.88	0.14	14.8	9999.99	5.8	5.8	16.4	1.64	0.78	0.78	0.91	199.96	1.0	1.0
Rio_Grande_valle	RG2010_C	2896.4	12.1	0.00	27.74	2.74	1.71	0.49	27.86	0.15	14.5	9999.99	5.8	5.8	16.4	1.63	0.77	0.77	0.91	199.96	1.0	1.0
Rio_Grande_valle	RG2010__	2896.9	12.1	0.00	27.77	2.77	1.07	0.25	27.82	0.06	15.6	1.90	6.3	8.1	11.4	1.21	1.19	1.19	1.19	140.09	1.0	1.0
Rio_Grande_valle	RG2009__	2899.1	12.1	0.04	27.78	2.78	0.95	0.24	27.82	0.05	15.4	1.67	8.0	8.0	10.3	1.06	1.34	1.34	1.31	144.44	1.0	1.0
Rio_Grande_valle	RG2008__	3047.5	9.7	2.93	27.73	2.73	1.07	0.33	27.76	0.06	12.8	1.40	9.3	9.3	11.7	0.93	1.30	1.30	1.11	136.78	1.0	1.0
Rio_Grande_valle	RG2007__	3072.1	9.4	0.59	27.72	2.77	1.00	0.31	27.75	0.05	12.9	1.47	8.4	8.4	10.1	1.00	1.23	1.23	1.22	141.04	1.0	1.0
Rio_Grande_valle	RG2006__	3081.8	9.4	0.00	27.73	2.83	0.80	0.31	27.75	0.03	15.1	1.73	8.2	8.2	11.1	1.02	1.42	1.42	1.28	143.32	1.0	1.0
Rio_Grande_valle	RG2006_B	3082.3	9.4	0.00	27.72	2.82	0.80	0.31	27.75	0.03	14.9	9999.99	7.4	7.4	17.7	1.12	1.27	1.27	1.22	220.68	1.0	1.0
Rio_Grande_valle	RG2005_C	3099.0	9.4	0.00	27.71	2.56	0.84	0.37	27.74	0.04	14.1	9999.99	7.4	7.4	17.3	1.09	1.22	1.22	1.23	221.02	1.0	1.0
Rio_Grande_valle	RG2005__	3099.5	9.4	0.00	27.71	2.56	0.84	0.37	27.74	0.04	14.2	1.68	8.2	8.2	10.7	0.99	1.37	1.37	1.28	143.57	1.0	1.0
Rio_Grande_valle	RG2004__	3123.0	8.9	1.78	27.72	2.80	0.89	0.28	27.73	0.04	16.3	1.19	14.0	14.0	15.4	0.96	1.66	1.66	1.08	125.88	1.0	1.0
Rio_Grande_valle	RG2003__	3144.5	8.6	1.02	27.72	3.01	0.76	0.23	27.73	0.03	17.4	1.12	17.6	17.6	19.1	0.90	1.89	1.89	1.02	133.13	1.0	1.0
Rio_Grande_valle	RG2002__	3173.3	8.6	0.22	27.71	2.98	0.76	0.16	27.72	0.03	17.3	2.36	5.5	6.2	11.5	1.37	1.23	1.23	1.07	135.21	1.0	1.0
Rio_Grande_valle	RG2002_B	3173.8	8.6	0.00	27.69	2.96	0.91	0.20	27.72	0.04	16.8	9999.99	6.2	6.2	18.8	1.65	0.99	0.99	1.10	213.11	1.0	1.0
Rio_Grande_valle	RG2001_C	3196.2	8.6	0.00	27.68	2.95	0.91	0.19	27.71	0.04	16.6	9999.99	6.2	6.2	18.8	1.65	0.98	0.98	1.10	213.06	1.0	1.0
Rio_Grande_valle	RG2001__	3196.7	8.6	0.00	27.69	2.96	0.77	0.17	27.70	0.03	17.1	2.36	5.5	6.2	11.5	1.36	1.22	1.22	1.07	135.19	1.0	1.0
Rio_Grande_valle	RG2000_5	3201.7	8.6	0.00	27.69	2.96	0.77	0.17	27.70	0.03	17.0	2.36	5.5	6.2	11.5	1.36	1.22	1.22	1.07	135.19	1.0	1.0
Rio_Grande_valle	CO3010_5	3206.7	8.6	0.00	27.68	2.99	0.84	0.25	27.70	0.04	13.2	1.66	7.0	7.0	9.4	1.10	1.16	1.16	1.24	141.79	1.0	1.0
Sammontana_monte	SA1008__	-338.4	3.5	0.00	46.79	0.62	2.36	1.00	47.07	0.28	1.3	0.57	2.7	2.7	3.5	0.30	0.15	0.15	0.42	68.87	1.0	1.0
Sammontana_monte	SA1007__	-308.4	3.5	0.00	46.15	0.77	2.20	1.00	46.35	0.25	1.3	0.49	4.4	4.4	5.0	0.31	0.18	0.18	0.42	68.60	1.0	1.0
Sammontana_monte	SA1006__	-276.5	3.5	0.00	45.35	0.71	2.27	1.00	45.61	0.26	1.3	0.52	3.0	3.0	3.6	0.28	0.16	0.16	0.43	69.47	1.0	1.0
Sammontana_monte	SA1005A__	-258.3	3.5	0.00	45.17	0.82	1.53	0.65	45.29	0.12	1.4	0.72	3.2	3.2	4.2	0.39	0.23	0.23	0.54	74.81	1.0	1.0
Sammontana_monte	SA1005B__	-256.8	3.5	0.00	44.95	0.60	2.41	1.00	45.24	0.30	1.3	0.59	2.4	2.4	3.6	0.30	0.15	0.15	0.40	152.19	1.0	1.0
Sammontana_monte	SA1005C__	-254.3	3.5	0.00	44.89	0.59	2.41	1.00	45.19	0.30	1.3	0.59	2.4	2.4	3.6	0.30	0.15	0.15	0.40	152.10	1.0	1.0
Sammontana_monte	SA1005D__	-252.7	3.5	0.00	44.87	0.57	2.27	1.00	45.13	0.26	1.2	0.52	3.0	3.0	3.7	0.28	0.16	0.16	0.42	68.60	1.0	1.0
Sammontana_monte	SA1004__	-151.9	3.6	0.00	42.93	0.98	1.26	1.00	43.00	0.08	1.5	0.63	4.7	4.7	5.2	0.37	0.29	0.29	0.56	75.79	1.0	1.0
Sammontana_monte	SA1003A__	-142.2	3.6	0.00	42.91	1.13	1.06	0.43	42.96	0.06	1.9	0.64	5.4	5.4	6.0	0.43	0.34	0.34	0.57	76.07	1.0	1.0
Sammontana_monte	SA1003B__	-139.6	3.6	0.00	42.81	1.05	1.76	1.41	42.93	0.16	1.9	9999.99	4.0	4.0	5.5	0.63	0.22	0.22	0.41	101.69	1.0	1.0
Sammontana_monte	SA1003C__	-135.4	3.6	0.00	42.77	1.03	1.69	1.85	42.87	0.15	2.1	9999.99	5.0	5.0	6.5	0.62	0.26	0.26	0.39	102.09	1.0	1.0
Sammontana_monte	SA1003D__	-133.0	3.6	0.01	42.64	0.94	2.17	1.00	42.82	0.24	1.3	0.48	5.1	5.1	5.7	0.33	0.19	0.19	0.38	66.33	1.0	1.0
Sammontana_monte	SA1002__	-87.9	3.6	0.00	41.51	0.63	2.02	1.00	41.72	0.21	1.2	0.42	4.3	4.3	4.5	0.25	0.18	0.18	0.39	67.23	1.0	1.0
Sammontana_monte	SA1001A__	-12.7	3.6	0.00	39.98	0.84	2.43	1.01	40.28	0.30	1.4	0.60	2.5	2.5	3.3	0.36	0.15	0.15	0.46	70.64	1.0	1.0
Sammontana_monte	SA1001B__	-7.3	3.6	0.00	39.76	0.64	2.01	1.01	39.96	0.21	1.3	0.77	3.2	3.2	4.7	0.33	0.18	0.18	0.38	149.54	1.0	1.0
Sammontana_monte	SA1001C__	2.6	3.6	0.00	39.73	0.85	1.62	0.46	39.87	0.13	1.6	1.25	3.1	3.1	5.4	0.46	0.22	0.22	0.41	153.62	1.0	1.0

Tronchi	Sezioni	P [m]	q [m³/s]	s [m³/s]	h [m]	y [m]	V [m/s]	Fr	Et [m]	Ev [m]	Sp [t]	ym [m]	b [m]	bt [m]	B [m]	Pb [m]	A [dmq]	At [dmq]	R [m]	C2	β	α
Sammontana_monte	SA1001D_	7.4	3.6	0.00	39.56	0.79	2.17	1.01	39.80	0.24	1.3	0.48	3.5	3.5	3.9	0.31	0.17	0.17	0.43	69.13	1.0	1.0
Sammontana_monte	SA2031_	22.0	3.6	0.00	39.41	0.92	1.42	0.61	39.51	0.10	1.5	0.67	3.9	3.9	4.7	0.38	0.26	0.26	0.54	74.81	1.0	1.0
Sammontana_monte	SA3030_5	34.5	3.6	0.00	39.13	0.87	2.18	1.01	39.37	0.24	1.3	0.49	3.4	3.4	3.9	0.32	0.17	0.17	0.43	69.04	1.0	1.0
Sammontana_monte	SA2030_	47.0	3.6	0.00	38.85	0.85	2.24	1.00	39.11	0.25	1.3	0.51	3.2	3.2	3.7	0.32	0.16	0.16	0.44	69.86	1.0	1.0
Sammontana_monte	SA3029_7	59.8	3.6	0.00	38.70	0.98	1.94	1.00	38.88	0.19	1.4	0.51	3.7	3.7	4.2	0.34	0.19	0.19	0.45	70.37	1.0	1.0
Sammontana_monte	SA3029_5	72.5	3.6	0.00	38.65	1.12	1.51	0.81	38.76	0.12	1.5	0.61	3.9	3.9	4.6	0.40	0.24	0.24	0.53	74.14	1.0	1.0
Sammontana_monte	SA3029_2	85.3	3.6	0.00	38.57	1.17	1.51	0.72	38.69	0.12	1.6	0.67	3.6	3.6	4.4	0.43	0.24	0.24	0.55	75.28	1.0	1.0
Sammontana_monte	SA2029_	98.0	3.6	0.00	38.23	0.97	2.43	1.01	38.53	0.30	1.5	0.60	2.5	2.5	3.3	0.38	0.15	0.15	0.45	70.45	1.0	1.0
Sammontana_monte	SA3028_8	112.3	3.6	0.11	38.08	1.10	1.47	0.77	38.17	0.11	1.5	0.55	4.8	4.8	5.4	0.37	0.26	0.26	0.49	72.33	1.0	1.0
Sammontana_monte	SA3028_7	126.5	3.6	0.00	37.99	1.18	1.44	0.64	38.09	0.11	1.6	0.57	4.3	4.3	5.0	0.42	0.25	0.25	0.49	72.31	1.0	1.0
Sammontana_monte	SA3028_6	140.8	3.6	0.00	37.66	0.96	2.26	1.00	37.92	0.26	1.4	0.52	3.0	3.0	3.7	0.36	0.16	0.16	0.43	69.05	1.0	1.0
Sammontana_monte	SA3028_5	155.0	3.5	0.00	37.36	0.88	2.24	1.00	37.62	0.26	1.3	0.51	3.1	3.1	3.6	0.33	0.16	0.16	0.44	69.59	1.0	1.0
Sammontana_monte	SA3028_3	169.3	3.5	0.00	37.10	0.90	2.29	1.00	37.37	0.27	1.4	0.54	2.9	2.9	3.5	0.34	0.15	0.15	0.44	69.94	1.0	1.0
Sammontana_monte	SA3028_2	183.5	3.5	0.00	36.85	0.96	2.08	1.00	37.07	0.22	1.4	0.56	3.0	3.0	3.7	0.36	0.17	0.17	0.46	71.05	1.0	1.0
Sammontana_monte	SA3028_1	197.8	3.5	0.00	36.67	1.01	2.04	0.87	36.88	0.21	1.4	0.57	3.1	3.1	3.8	0.38	0.17	0.17	0.46	70.80	1.0	1.0
Sammontana_monte	SA2028_	212.0	3.5	0.00	36.53	1.00	1.87	0.90	36.70	0.18	1.4	0.53	3.6	3.6	4.2	0.36	0.19	0.19	0.45	70.47	1.0	1.0
Sammontana_monte	SA3027_8	226.2	3.5	0.01	36.45	1.12	1.53	0.62	36.57	0.12	1.5	0.63	3.6	3.6	4.3	0.41	0.23	0.23	0.54	74.51	1.0	1.0
Sammontana_monte	SA3027_6	240.3	3.5	0.00	36.27	1.00	1.92	0.82	36.45	0.19	1.4	0.58	3.2	3.2	3.8	0.37	0.19	0.19	0.48	71.98	1.0	1.0
Sammontana_monte	SA3027_5	254.5	3.5	0.00	36.09	0.94	1.98	0.92	36.29	0.20	1.3	0.52	3.4	3.4	3.9	0.34	0.18	0.18	0.45	70.49	1.0	1.0
Sammontana_monte	SA3027_3	268.7	3.5	0.00	35.87	0.92	2.17	1.00	36.09	0.24	1.3	0.51	3.3	3.3	3.8	0.33	0.17	0.17	0.44	69.78	1.0	1.0
Sammontana_monte	SA3027_1	282.9	3.5	0.00	35.63	0.88	2.18	1.00	35.87	0.24	1.3	0.49	3.3	3.3	3.8	0.33	0.16	0.16	0.42	68.88	1.0	1.0
Sammontana_monte	SA2027_	297.0	3.5	0.00	35.34	0.86	2.24	1.01	35.60	0.26	1.3	0.51	3.1	3.1	3.6	0.33	0.16	0.16	0.44	69.56	1.0	1.0
Sammontana_monte	SA3026_8	310.5	3.5	0.00	35.19	1.00	1.80	0.79	35.35	0.17	1.4	0.55	3.6	3.6	4.2	0.36	0.20	0.20	0.48	71.82	1.0	1.0
Sammontana_monte	SA3026_6	324.0	3.5	0.00	34.96	0.93	2.11	1.01	35.19	0.23	1.4	0.54	3.1	3.1	3.7	0.35	0.17	0.17	0.46	70.63	1.0	1.0
Sammontana_monte	SA3026_5	337.5	3.6	0.00	34.91	1.13	1.59	0.66	35.04	0.13	1.5	0.64	3.6	3.6	4.4	0.43	0.23	0.23	0.52	73.67	1.0	1.0
Sammontana_monte	SA3026_3	351.0	3.6	0.01	34.79	1.09	1.73	0.78	34.92	0.15	1.5	0.55	5.0	5.0	5.8	0.40	0.22	0.22	0.44	69.95	1.0	1.0
Sammontana_monte	SA3026_1	364.5	3.6	0.01	34.70	1.10	1.52	0.74	34.81	0.12	1.5	0.60	4.0	4.0	4.7	0.42	0.24	0.24	0.50	72.95	1.0	1.0
Sammontana_monte	SA2026_	378.0	3.6	0.00	34.37	0.92	2.29	1.00	34.64	0.27	1.4	0.53	2.9	2.9	3.7	0.38	0.16	0.16	0.42	68.53	1.0	1.0
Sammontana_monte	SA3025_5	393.0	3.6	0.00	34.20	0.96	2.03	0.94	34.40	0.21	1.4	0.56	3.2	3.2	3.8	0.36	0.18	0.18	0.47	71.08	1.0	1.0
Sammontana_monte	SA2025_	408.0	3.6	0.00	34.03	0.95	1.96	0.80	34.23	0.20	1.4	0.63	2.9	2.9	3.7	0.39	0.18	0.18	0.50	72.62	1.0	1.0
Sammontana_monte	SA3024_7	423.0	3.6	0.00	33.89	0.96	1.86	0.91	34.06	0.18	1.4	0.54	3.6	3.6	4.2	0.36	0.19	0.19	0.46	71.03	1.0	1.0
Sammontana_monte	SA3024_5	438.0	3.6	0.01	33.80	1.02	1.54	0.72	33.92	0.12	1.5	0.56	4.9	4.9	5.5	0.39	0.23	0.23	0.48	71.64	1.0	1.0
Sammontana_monte	SA3024_2	453.0	3.6	0.02	33.51	0.89	2.06	1.00	33.73	0.22	1.3	0.43	4.0	4.0	4.5	0.31	0.17	0.17	0.39	66.85	1.0	1.0
Sammontana_monte	SA2024_	468.0	3.6	0.00	33.32	0.92	2.00	1.01	33.50	0.20	1.3	0.49	3.9	3.9	4.4	0.34	0.19	0.19	0.43	69.33	1.0	1.0
Sammontana_monte	SA3023_5	483.0	3.6	0.00	33.27	1.10	1.33	0.54	33.36	0.09	1.6	0.63	4.3	4.3	5.0	0.43	0.27	0.27	0.54	74.74	1.0	1.0
Sammontana_monte	SA2023_	498.0	3.6	0.00	32.93	0.88	2.29	1.01	33.20	0.27	1.4	0.53	2.9	2.9	3.5	0.34	0.16	0.16	0.44	70.00	1.0	1.0
Sammontana_monte	SA3022_8	503.2	3.6	0.00	32.92	0.96	1.73	0.75	33.07	0.15	1.4	0.59	3.5	3.5	4.1	0.38	0.21	0.21	0.50	72.90	1.0	1.0
Sammontana_monte	SA3022_6	508.0	3.5	0.08	32.96	1.06	1.10	0.54	33.03	0.06	1.6	0.59	5.4	5.4	6.0	0.39	0.32	0.32	0.53	74.34	1.0	1.0
Sammontana_monte	SA3022_5	513.0	3.5	0.00	32.90	1.09	1.43	0.57	33.00	0.10	1.5	0.64	3.8	3.8	4.5	0.41	0.25	0.25	0.54	74.84	1.0	1.0
Sammontana_monte	SA3022_3	518.0	3.5	0.03	32.93	1.08	0.91	0.61	32.97	0.04	1.9	0.70	5.5	5.5	6.1	0.41	0.38	0.38	0.63	78.62	1.0	1.0
Sammontana_monte	SA3022_1	523.0	3.5	0.00	32.85	1.07	1.40	0.68	32.95	0.10	1.5	0.56	4.5	4.5	5.1	0.38	0.25	0.25	0.50	72.63	1.0	1.0

Tronchi	Sezioni	P [m]	q [m³/s]	s [m³/s]	h [m]	y [m]	V [m/s]	Fr	Et [m]	Ev [m]	Sp [t]	ym [m]	b [m]	bt [m]	B [m]	Pb [m]	A [dmq]	At [dmq]	R [m]	C2	β	α
Sammontana_monte	SA2022__	528.0	3.5	0.00	32.62	0.88	2.26	1.01	32.88	0.26	1.3	0.52	3.0	3.0	3.6	0.33	0.16	0.16	0.44	69.62	1.0	1.0
Sammontana_monte	SA3021_6	533.0	3.5	0.00	32.21	0.66	2.15	1.01	32.44	0.24	1.2	0.47	3.5	3.5	3.9	0.27	0.16	0.16	0.42	68.53	1.0	1.0
Sammontana_monte	SA3021_3	538.0	3.5	0.00	31.87	0.62	2.11	1.01	32.09	0.23	1.2	0.45	3.7	3.7	4.1	0.27	0.17	0.17	0.40	67.82	1.0	1.0
Sammontana_monte	SA2021__	543.0	3.5	0.00	31.61	0.66	1.81	0.79	31.78	0.17	1.3	0.63	3.1	3.1	4.2	0.32	0.20	0.20	0.47	71.08	1.0	1.0
Sammontana_monte	SA2021_B	543.5	3.5	0.00	31.60	0.65	1.85	1.01	31.77	0.17	1.3	0.63	3.1	3.1	4.2	0.31	0.19	0.19	0.46	159.35	1.0	1.0
Sammontana_monte	SA2020_C	565.5	3.5	0.00	31.59	0.97	1.27	0.50	31.67	0.08	1.7	0.90	3.1	3.1	4.6	0.45	0.28	0.28	0.61	174.70	1.0	1.0
Sammontana_monte	SA2020__	566.0	3.5	0.00	31.58	0.96	1.27	0.52	31.67	0.08	1.7	0.89	3.1	3.1	4.6	0.45	0.28	0.28	0.61	77.60	1.0	1.0
Sammontana_monte	SA2019__	575.0	3.5	0.00	31.48	0.93	1.64	0.68	31.62	0.14	1.5	0.68	3.2	3.2	4.0	0.41	0.22	0.22	0.54	74.77	1.0	1.0
Sammontana_monte	SA3018_7	589.5	3.5	0.00	31.42	0.95	1.48	0.61	31.53	0.11	1.6	0.72	3.4	3.4	4.3	0.43	0.24	0.24	0.57	75.89	1.0	1.0
Sammontana_monte	SA3018_5	604.0	3.5	0.00	31.37	0.98	1.30	0.51	31.46	0.09	1.7	0.78	3.5	3.5	4.5	0.45	0.27	0.27	0.61	77.65	1.0	1.0
Sammontana_monte	SA3018_2	618.5	3.5	0.00	31.34	1.03	1.14	0.42	31.41	0.07	1.9	0.82	3.8	3.8	4.9	0.48	0.31	0.31	0.64	78.87	1.0	1.0
Sammontana_monte	SA2018__	633.0	3.5	0.00	31.33	1.10	0.99	0.34	31.38	0.05	2.2	0.91	3.9	3.9	5.2	0.51	0.36	0.36	0.69	81.15	1.0	1.0
Sammontana_monte	SA2017__	644.0	3.5	0.00	31.21	1.00	1.54	0.51	31.33	0.12	1.7	0.95	2.4	2.4	4.3	0.48	0.23	0.23	0.54	74.63	1.0	1.0
Sammontana_monte	SA2017_B	644.5	3.5	0.00	31.21	1.00	1.54	0.51	31.33	0.12	1.7	0.95	2.4	2.4	4.3	0.48	0.23	0.23	0.54	167.61	1.0	1.0
Sammontana_monte	SA2016_C	676.5	3.5	0.00	30.79	0.65	2.44	1.01	31.09	0.30	1.3	0.61	2.4	2.4	3.6	0.31	0.15	0.15	0.41	152.98	1.0	1.0
Sammontana_monte	SA2016__	677.0	3.5	0.00	28.28	1.58	0.50	0.16	28.29	0.01	5.0	1.10	6.5	6.5	7.6	0.67	0.72	0.72	0.95	90.12	1.0	1.0
Sammontana_centro	SA2016__	677.0	4.3	0.00	28.28	1.58	0.62	0.21	28.29	0.02	5.0	1.10	6.5	6.5	7.6	0.67	0.72	0.72	0.95	129.77	1.0	1.0
Sammontana_centro	SA2015__	681.0	4.3	0.00	28.26	1.56	0.82	0.38	28.29	0.03	3.8	0.99	5.6	5.6	6.6	0.62	0.55	0.55	0.84	124.42	1.0	1.0
Sammontana_centro	SA2014__	692.1	4.3	0.00	28.26	1.59	0.80	0.36	28.28	0.03	3.8	0.98	5.8	5.8	6.8	0.62	0.57	0.57	0.84	124.63	1.0	1.0
Sammontana_centro	SA2013__	707.3	4.3	0.00	28.23	1.63	0.94	0.40	28.27	0.05	3.4	0.97	5.0	5.0	6.1	0.63	0.48	0.48	0.79	121.97	1.0	1.0
Sammontana_centro	SA3012_9	708.3	4.3	0.00	28.23	1.64	0.95	0.41	28.27	0.05	3.4	0.97	5.0	5.0	6.1	0.62	0.48	0.48	0.79	121.86	1.0	1.0
Sammontana_centro	SA3012_5	728.0	4.3	0.00	28.22	1.61	1.36	1.00	28.26	0.09	3.6	0.99	5.3	5.3	6.4	0.62	0.53	0.53	0.82	123.72	1.0	1.0
Sammontana_centro	SA2012__	747.7	4.3	0.00	28.22	1.85	0.68	0.32	28.24	0.02	5.1	1.15	5.7	5.7	7.1	0.74	0.65	0.65	0.92	128.62	1.0	1.0
Sammontana_centro	SA3011_9	748.7	4.3	0.00	28.22	1.85	0.68	0.33	28.24	0.02	5.1	1.15	5.7	5.7	7.1	0.74	0.65	0.65	0.92	128.61	1.0	1.0
Sammontana_centro	SA3011_6	775.7	4.3	0.00	28.21	1.92	0.64	0.25	28.23	0.02	5.5	1.18	5.8	5.8	7.2	0.76	0.69	0.69	0.95	129.75	1.0	1.0
Sammontana_centro	SA3011_3	803.8	4.3	0.00	28.21	1.98	0.61	0.20	28.22	0.02	5.9	1.22	5.9	5.9	7.4	0.78	0.72	0.72	0.97	130.90	1.0	1.0
Sammontana_centro	SA2011__	831.9	4.3	0.00	28.20	2.05	0.56	0.18	28.21	0.02	6.4	1.09	9.3	9.3	10.8	0.76	0.82	0.82	0.88	126.57	1.0	1.0
Sammontana_centro	SA2010__	839.9	4.3	0.00	28.17	1.86	0.94	0.45	28.21	0.05	3.7	1.05	8.2	8.2	10.2	0.65	0.53	0.53	0.62	112.78	1.0	1.0
Sammontana_centro	SA3009_5	856.7	4.3	0.00	28.12	1.86	1.13	0.44	28.18	0.07	3.6	1.24	3.1	3.1	5.5	0.80	0.39	0.39	0.70	117.52	1.0	1.0
Sammontana_centro	SA2009__	873.5	4.3	0.00	28.12	1.92	0.97	0.38	28.15	0.05	3.9	1.19	8.9	10.0	12.2	0.71	0.54	0.54	0.63	113.53	1.0	1.0
Sammontana_centro	SA2008__	880.9	4.3	0.00	28.13	1.98	0.46	0.11	28.14	0.01	9.1	1.77	5.3	5.3	8.2	0.94	0.95	0.95	1.15	138.53	1.0	1.0
Sammontana_centro	SA2008_B	881.4	4.3	0.00	28.13	1.98	0.47	0.11	28.14	0.01	9.0	1.86	5.0	5.0	8.2	0.95	0.93	0.93	1.14	215.53	1.0	1.0
Sammontana_centro	SA2007_C	896.8	4.3	0.00	28.13	2.06	0.46	0.11	28.14	0.01	9.4	1.90	5.0	5.0	8.2	0.97	0.95	0.95	1.15	216.30	1.0	1.0
Sammontana_centro	SA2007__	897.3	4.7	0.00	28.13	2.06	0.51	0.14	28.14	0.01	9.6	1.44	7.0	7.0	9.5	0.93	1.02	1.02	1.07	135.15	1.0	1.0
Sammontana_centro	SA2006__	901.9	4.7	0.05	28.09	2.09	1.19	0.35	28.13	0.07	4.3	1.36	3.4	4.0	6.0	0.84	0.46	0.46	0.77	109.86	1.0	1.0
Sammontana_centro	SA2005__	908.0	4.7	0.07	28.09	2.12	1.03	0.33	28.12	0.05	4.8	1.20	4.4	5.0	6.9	0.84	0.53	0.53	0.76	108.84	1.0	1.0
Sammontana_centro	SA3004_8	937.4	4.6	0.91	28.07	2.15	0.80	0.31	28.09	0.03	5.1	1.32	4.4	6.0	7.9	0.82	0.58	0.58	0.74	108.29	1.0	1.0
Sammontana_centro	SA3004_6	966.8	4.7	0.58	28.04	2.18	0.99	0.30	28.06	0.05	4.6	1.23	4.0	4.0	5.9	0.87	0.49	0.49	0.83	110.80	1.0	1.0
Sammontana_centro	SA3004_4	996.2	4.7	0.47	28.01	2.22	0.91	0.30	28.03	0.04	4.6	1.06	5.0	5.0	7.1	0.83	0.53	0.53	0.74	110.15	1.0	1.0
Sammontana_centro	SA3004_2	1025.6	5.0	0.60	27.99	2.25	0.94	0.29	27.99	0.04	5.2	1.76	3.3	6.9	9.3	0.88	0.58	0.58	0.63	113.05	1.0	1.0
Sammontana_centro	SA2004__	1055.0	5.0	0.00	27.97	2.29	0.86	0.35	27.97	0.04	4.4	1.18	12.9	20.6	15.3	0.72	0.70	0.81	0.62	112.48	1.0	1.0

Tronchi	Sezioni	P [m]	q [m³/s]	s [m³/s]	h [m]	y [m]	V [m/s]	Fr	Et [m]	Ev [m]	Sp [t]	ym [m]	b [m]	bt [m]	B [m]	Pb [m]	A [dmq]	At [dmq]	R [m]	C2	β	α
Sammontana_centro	SA2003__	1068.9	5.0	0.00	27.96	2.19	1.00	0.39	27.96	0.05	4.3	1.10	8.6	8.6	10.6	0.72	0.59	0.59	0.65	114.22	1.0	1.0
Sammontana_centro	SA3002_6	1093.8	5.0	0.00	27.95	2.14	0.90	0.29	27.95	0.04	5.3	1.25	6.6	6.6	8.7	0.84	0.63	0.63	0.80	122.61	1.0	1.0
Sammontana_centro	SA3002_3	1118.6	5.0	0.00	27.95	2.10	0.75	0.24	27.95	0.03	6.7	1.42	6.0	6.0	8.2	0.91	0.74	0.74	0.93	128.85	1.0	1.0
Sammontana_centro	SA2002__	1143.4	5.0	0.00	27.95	2.07	0.63	0.23	27.95	0.02	8.3	1.57	6.0	6.0	8.6	0.95	0.87	0.87	1.03	133.26	1.0	1.0
Sammontana_centro	SA2002_B	1143.9	5.0	0.00	27.95	2.07	0.67	0.23	27.95	0.02	8.1	9999.99	4.8	4.8	12.1	1.09	0.75	0.75	1.03	208.16	1.0	1.0
Sammontana_centro	SA2001_C	1167.4	5.0	0.00	27.95	2.18	0.62	0.13	27.95	0.02	9.1	9999.99	4.9	4.9	12.4	1.14	0.80	0.80	1.06	210.75	1.0	1.0
Sammontana_centro	SA2001__	1167.9	5.0	0.00	27.95	2.18	0.59	0.16	27.95	0.02	9.3	1.57	6.6	6.6	9.3	0.99	0.94	0.94	1.03	133.25	1.0	1.0
Sammontana_centro	SV2055__	1184.4	5.0	0.00	27.95	2.42	0.56	0.18	27.95	0.02	8.2	1.18	8.9	8.9	11.1	0.80	1.02	1.02	0.92	128.29	1.0	1.0
Sammontana_valle	SV2055__	1184.4	6.2	-0.16	27.95	2.42	0.66	0.21	27.96	0.02	8.4	1.18	8.9	8.9	11.1	0.80	1.02	1.02	0.92	128.29	1.0	1.0
Sammontana_valle	SV2054_5	1185.6	6.1	-0.10	27.95	2.42	0.71	0.21	27.96	0.03	8.1	1.22	7.6	7.6	9.8	0.84	0.93	0.93	0.95	129.72	1.0	1.0
Sammontana_valle	SV2054__	1226.6	4.8	1.47	27.94	2.46	0.60	0.21	27.95	0.02	7.3	1.32	9.5	9.5	11.8	0.81	0.88	0.88	0.84	124.62	1.0	1.0
Sammontana_valle	SV2053__	1328.8	3.9	1.18	27.93	2.48	0.59	0.21	27.95	0.02	7.4	1.40	8.0	8.0	10.5	0.88	0.82	0.82	0.83	124.16	1.0	1.0
Sammontana_valle	SV2052__	1329.1	3.9	0.00	27.93	2.48	0.63	0.21	27.94	0.02	7.2	1.43	5.0	5.0	8.0	0.97	0.72	0.72	0.90	127.53	1.0	1.0
Sammontana_valle	SV2051__	1335.1	3.9	0.00	27.94	2.49	0.46	0.14	27.94	0.01	10.0	1.67	5.7	5.7	9.0	1.03	0.96	0.96	1.06	134.66	1.0	1.0
Sammontana_valle	SV2051_B	1335.6	3.9	0.00	27.93	2.48	0.54	0.14	27.94	0.01	9.5	9999.99	4.6	4.6	12.1	1.28	0.73	0.73	0.98	204.74	1.0	1.0
Sammontana_valle	SV2050_C	1342.7	3.9	0.00	27.93	2.49	0.54	0.13	27.94	0.01	9.6	9999.99	4.6	4.6	12.1	1.29	0.73	0.73	0.97	204.61	1.0	1.0
Sammontana_valle	SV2050__	1343.2	3.9	0.00	27.93	2.49	0.46	0.13	27.94	0.01	10.1	1.67	5.7	5.7	9.0	1.03	0.96	0.96	1.06	134.70	1.0	1.0
Sammontana_valle	SV2049__	1349.3	3.9	0.00	27.93	2.50	0.58	0.21	27.94	0.02	7.7	1.54	5.0	5.0	7.9	0.98	0.77	0.77	0.98	131.03	1.0	1.0
Sammontana_valle	SV2048__	1383.9	4.0	0.00	27.92	2.53	0.56	0.15	27.94	0.02	8.2	1.55	5.1	5.1	8.2	1.01	0.79	0.79	0.97	130.66	1.0	1.0
Sammontana_valle	SV2047__	1389.3	4.0	0.00	27.93	2.55	0.46	0.11	27.94	0.01	10.3	1.69	5.7	5.7	8.9	1.05	0.96	0.96	1.08	135.49	1.0	1.0
Sammontana_valle	SV2047_B	1389.8	4.0	0.00	27.92	2.54	0.56	0.11	27.93	0.02	9.7	9999.99	4.6	4.6	12.1	1.32	0.71	0.71	0.97	204.31	1.0	1.0
Sammontana_valle	SV2046_C	1397.1	4.0	0.00	27.92	2.54	0.56	0.11	27.93	0.02	9.7	9999.99	4.6	4.6	12.1	1.32	0.71	0.71	0.97	204.31	1.0	1.0
Sammontana_valle	SV2046__	1397.6	4.0	0.00	27.92	2.54	0.46	0.12	27.93	0.01	10.2	1.67	5.8	5.8	9.0	1.04	0.96	0.96	1.07	135.05	1.0	1.0
Sammontana_valle	SV2045__	1403.9	4.0	0.00	27.92	2.56	0.58	0.15	27.93	0.02	8.1	1.60	5.2	5.2	8.4	1.02	0.77	0.77	0.94	129.43	1.0	1.0
Sammontana_valle	SV2044__	1415.2	4.0	0.00	27.91	2.56	0.62	0.16	27.93	0.02	7.4	1.59	4.6	4.6	7.5	1.00	0.72	0.72	0.97	130.55	1.0	1.0
Sammontana_valle	SV2043__	1420.7	4.0	0.00	27.92	2.57	0.45	0.11	27.93	0.01	10.6	1.70	5.9	5.9	9.3	1.06	0.98	0.98	1.07	135.14	1.0	1.0
Sammontana_valle	SV2043_B	1421.2	4.0	0.00	27.91	2.56	0.54	0.09	27.92	0.01	10.1	9999.99	4.7	4.7	12.2	1.32	0.75	0.75	1.00	206.13	1.0	1.0
Sammontana_valle	SA2042_C	1433.6	4.0	0.00	27.90	2.57	0.58	0.13	27.92	0.02	9.6	9999.99	4.7	4.7	15.4	1.36	0.69	0.69	0.95	203.03	1.0	1.0
Sammontana_valle	SV2042__	1434.1	4.0	0.00	27.91	2.58	0.45	0.11	27.92	0.01	10.3	1.71	5.7	5.7	8.9	1.04	0.97	0.97	1.10	136.25	1.0	1.0
Sammontana_valle	SV2041__	1437.1	4.0	0.00	27.91	2.56	0.46	0.11	27.92	0.01	10.3	1.69	5.7	5.7	9.0	1.05	0.96	0.96	1.07	135.19	1.0	1.0
Sammontana_valle	SV2040__	1444.9	4.0	0.00	27.90	2.53	0.54	0.14	27.92	0.01	8.6	1.56	5.3	5.3	8.2	1.01	0.84	0.84	1.01	132.67	1.0	1.0
Sammontana_valle	SV2039__	1450.5	4.0	0.00	27.91	2.52	0.43	0.11	27.92	0.01	10.9	1.69	6.1	6.1	9.3	1.05	1.02	1.02	1.10	136.44	1.0	1.0
Sammontana_valle	SV2039_B	1451.0	4.0	0.00	27.90	2.51	0.52	0.10	27.91	0.01	10.3	9999.99	4.9	4.9	12.5	1.31	0.77	0.77	1.01	207.42	1.0	1.0
Sammontana_valle	SV2038_C	1464.6	4.0	0.00	27.90	2.52	0.54	0.11	27.91	0.01	9.9	9999.99	4.8	4.8	12.3	1.28	0.75	0.75	0.99	205.94	1.0	1.0
Sammontana_valle	SV2038__	1465.1	4.0	0.00	27.90	2.52	0.45	0.12	27.91	0.01	10.3	1.64	6.0	6.0	9.0	1.03	0.99	0.99	1.10	136.44	1.0	1.0
Sammontana_valle	SV2037__	1467.4	7.0	0.00	27.87	2.49	0.95	0.26	27.91	0.05	8.4	1.47	5.8	5.8	8.7	0.97	0.80	0.80	0.91	128.08	1.0	1.0
Sammontana_valle	SV2036__	1554.2	7.3	0.00	27.77	2.41	0.87	0.25	27.81	0.04	8.4	1.43	7.5	7.5	10.5	0.91	0.85	0.85	0.86	125.55	1.0	1.0
Sammontana_valle	SV2035__	1556.2	7.3	0.00	27.78	2.42	0.68	0.19	27.80	0.02	10.8	1.50	8.0	8.0	11.0	0.96	1.07	1.07	0.98	131.04	1.0	1.0
Sammontana_valle	SV2034__	1557.3	7.3	0.00	27.77	2.43	0.73	0.18	27.80	0.03	10.5	1.60	6.2	6.2	9.0	1.01	0.99	0.99	1.10	136.43	1.0	1.0
Sammontana_valle	SV2034_B	1557.8	7.3	0.00	27.75	2.41	0.95	0.17	27.80	0.05	10.1	9999.99	5.0	5.0	12.6	1.22	0.77	0.77	1.01	207.36	1.0	1.0
Sammontana_valle	SV2033_C	1574.9	7.3	0.00	27.74	2.40	0.95	0.17	27.78	0.05	10.0	9999.99	5.0	5.0	12.6	1.21	0.77	0.77	1.01	207.30	1.0	1.0

Tronchi	Sezioni	P [m]	q [m³/s]	s [m³/s]	h [m]	y [m]	V [m/s]	Fr	Et [m]	Ev [m]	Sp [t]	ym [m]	b [m]	bt [m]	B [m]	Pb [m]	A [dmq]	At [dmq]	R [m]	C2	β	α
Sammontana_valle	SV2033__	1575.4	7.3	0.00	27.75	2.41	0.74	0.20	27.78	0.03	10.3	1.55	6.8	6.8	9.5	0.99	0.98	0.98	1.07	135.24	1.0	1.0
Sammontana_valle	SV2032__	1580.4	7.3	0.00	27.73	2.39	0.95	0.29	27.77	0.05	7.9	1.48	7.3	7.3	10.0	0.93	0.77	0.77	0.89	127.06	1.0	1.0
Sammontana_valle	SV2031__	1901.8	5.6	2.48	27.58	2.33	0.83	0.22	27.59	0.04	8.6	1.41	8.5	15.1	17.6	0.81	1.02	1.02	0.85	125.38	1.0	1.0
Sammontana_valle	SV2030__	1926.0	5.6	0.00	27.56	2.25	0.77	0.20	27.59	0.03	7.8	1.70	5.5	5.5	9.1	0.97	0.76	0.76	0.90	127.43	1.0	1.0
Sammontana_valle	SV2030_B	1926.5	5.6	0.00	27.54	2.23	0.91	0.20	27.58	0.04	7.3	9999.99	3.4	3.4	10.8	1.10	0.62	0.62	0.83	193.99	1.0	1.0
Sammontana_valle	SV2029_C	1958.1	5.7	0.00	27.49	2.26	1.17	0.19	27.54	0.07	6.8	9999.99	3.2	3.2	9.8	1.27	0.49	0.49	0.74	186.54	1.0	1.0
Sammontana_valle	SV2029__	1958.6	5.7	0.00	27.50	2.27	0.91	0.21	27.53	0.04	7.1	2.03	3.2	3.2	7.5	1.03	0.65	0.65	0.87	125.87	1.0	1.0
Sammontana_valle	SV2028__	1962.2	5.7	0.00	27.51	2.17	0.84	0.28	27.53	0.04	6.6	1.10	8.4	8.4	10.7	0.78	0.80	0.80	0.76	120.81	1.0	1.0
Sammontana_valle	SV2027__	1999.2	5.5	0.79	27.49	2.06	1.30	0.45	27.51	0.09	4.6	0.89	9.7	9.7	11.4	0.65	0.67	0.67	0.65	114.15	1.0	1.0
Sammontana_valle	SV2026__	2000.3	5.5	0.00	27.49	1.99	1.22	0.38	27.51	0.08	4.8	1.13	4.9	4.9	7.1	0.78	0.56	0.56	0.78	121.76	1.0	1.0
Sammontana_valle	SV2025__	2053.4	5.5	0.00	27.48	1.97	1.05	0.36	27.49	0.06	5.3	1.22	5.4	5.4	7.4	0.77	0.66	0.66	0.89	127.03	1.0	1.0
Sammontana_valle	SV2024__	2093.0	5.5	0.00	27.46	2.02	1.15	0.48	27.48	0.07	5.0	1.10	5.6	5.6	7.5	0.78	0.61	0.61	0.82	123.62	1.0	1.0
Sammontana_valle	SV2023__	2106.1	5.5	0.00	27.46	2.53	0.89	0.21	27.47	0.04	7.9	2.04	5.8	9.1	13.4	1.07	0.78	0.78	0.78	121.85	1.0	1.0
Sammontana_valle	SV2023_B	2106.6	5.5	0.00	27.42	2.49	1.60	0.20	27.47	0.13	5.9	9999.99	1.9	1.9	7.0	1.57	0.35	0.35	0.58	172.37	1.0	1.0
Sammontana_valle	SV2022_C	2116.1	5.6	0.00	27.41	2.52	1.59	0.19	27.46	0.13	5.9	9999.99	1.9	1.9	7.1	1.59	0.35	0.35	0.58	172.39	1.0	1.0
Sammontana_valle	SV2022__	2116.6	5.6	0.00	27.44	2.55	0.58	0.15	27.44	0.02	11.1	1.65	6.4	6.4	8.7	1.04	1.06	1.06	1.22	141.01	1.0	1.0
Sammontana_valle	SV2021__	2126.0	5.6	0.00	27.43	2.46	0.77	0.23	27.44	0.03	8.0	1.44	5.7	5.7	8.1	0.96	0.81	0.81	1.00	132.22	1.0	1.0
Sammontana_valle	SV2020__	2216.5	5.8	4.35	27.43	2.51	0.77	0.27	27.43	0.03	11.4	1.07	15.9	18.1	19.7	0.82	1.39	1.39	0.83	124.09	1.0	1.0
Sammontana_valle	SV2019__	2292.8	5.5	0.58	27.43	2.58	0.86	0.26	27.43	0.04	7.9	1.20	7.5	7.5	9.8	0.90	0.87	0.87	0.89	127.16	1.0	1.0
Sammontana_valle	SV2018__	2298.1	5.5	0.00	27.43	2.70	0.58	0.13	27.43	0.02	13.8	2.45	4.5	4.5	9.5	1.26	1.10	1.10	1.15	138.59	1.0	1.0
Sammontana_valle	SV2018_B	2298.6	5.5	0.00	27.43	2.70	0.58	0.13	27.43	0.02	13.7	9999.99	4.5	4.5	13.5	1.40	0.98	0.98	1.07	211.38	1.0	1.0
Sammontana_valle	SV2017_C	2309.4	5.5	0.00	27.43	2.79	0.49	0.10	27.43	0.01	17.7	2.70	4.7	4.7	10.0	1.38	1.28	1.28	1.28	224.06	1.0	1.0
Sammontana_valle	SV2017__	2309.9	5.1	0.54	27.43	2.79	0.45	0.09	27.43	0.01	17.7	2.70	4.8	4.8	10.0	1.38	1.28	1.28	1.28	143.40	1.0	1.0
Sammontana_valle	SV2016__	2335.6	5.1	0.00	27.43	2.43	0.65	0.19	27.43	0.02	9.2	1.30	7.9	8.6	10.2	0.90	1.02	1.02	1.07	135.08	1.0	1.0
Sammontana_valle	SV2015__	2495.0	4.7	1.71	27.43	2.43	0.61	0.18	27.43	0.02	9.1	1.24	8.2	8.2	9.8	0.89	1.02	1.02	1.04	133.71	1.0	1.0
Sammontana_valle	SV2014__	2575.3	-6.6	6.36	27.43	2.43	-0.75	0.20	27.44	0.03	8.7	1.37	7.0	7.0	8.5	0.90	0.95	0.95	1.11	136.82	1.0	1.0
Sammontana_valle	SV2013__	2822.1	-7.8	3.48	27.46	2.54	-0.89	0.27	27.50	0.04	8.2	1.16	7.9	7.9	9.7	0.86	0.88	0.88	0.90	127.56	1.0	1.0
Sammontana_valle	SV2012__	2883.4	-7.8	0.18	27.50	2.57	-0.89	0.26	27.55	0.04	8.6	1.29	7.2	7.5	9.4	0.90	0.87	0.87	0.95	130.05	1.0	1.0
Sammontana_valle	SV2011__	3091.7	-7.8	0.00	27.63	2.78	-0.80	0.21	27.66	0.03	10.2	1.49	6.5	6.5	8.7	0.99	0.97	0.97	1.11	136.94	1.0	1.0
Sammontana_valle	CO3010_5	3206.7	-7.8	0.00	27.68	2.99	-0.67	0.17	27.71	0.02	13.3	1.66	7.0	7.0	9.4	1.10	1.16	1.16	1.24	141.79	1.0	1.0

Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]
SF0001__	0.00	0.0	SF0348__	0.00	0.0	SF0695__	0.00	0.0	SF1042__	0.00	1.3	SF1389__	0.00	0.0
SF0002__	0.00	0.0	SF0349__	0.00	0.0	SF0696__	0.00	0.0	SF1043__	0.00	1.3	SF1390__	0.00	0.0
SF0003__	0.00	0.0	SF0350__	0.00	0.0	SF0697__	0.00	0.0	SF1044__	0.00	1.3	SF1391__	0.00	0.0
SF0004__	0.00	0.0	SF0351__	0.00	0.0	SF0698__	0.00	0.0	SF1045__	0.00	1.3	SF1392__	0.00	0.0
SF0005__	0.00	0.0	SF0352__	0.00	0.0	SF0699__	0.00	0.0	SF1046__	0.00	0.0	SF1393__	0.00	0.0
SF0006__	0.00	0.0	SF0353__	0.00	0.0	SF0700__	0.00	0.0	SF1047__	0.00	0.0	SF1394__	0.00	0.1
SF0007__	0.00	0.0	SF0354__	0.00	0.0	SF0701__	0.00	0.0	SF1048__	0.00	0.0	SF1395__	0.00	0.0
SF0008__	0.00	0.0	SF0355__	0.00	0.0	SF0702__	0.00	0.0	SF1049__	0.00	0.0	SF1396__	0.00	0.7
SF0009__	0.00	0.0	SF0356__	0.00	0.0	SF0703__	0.00	0.0	SF1050__	0.00	0.0	SF1397__	0.00	0.2
SF0010__	0.00	0.0	SF0357__	0.00	0.0	SF0704__	0.00	0.1	SF1051__	0.00	0.0	SF1398__	3.48	43317.4
SF0011__	0.00	0.0	SF0358__	0.00	0.0	SF0705__	0.00	0.1	SF1052__	0.00	0.0	SF1399__	0.18	1070.3
SF0012__	0.00	0.0	SF0359__	0.00	0.0	SF0706__	0.00	0.1	SF1053__	0.00	0.0	SF1400__	0.00	0.3
SF0013__	0.00	0.0	SF0360__	0.00	0.0	SF0707__	0.00	0.3	SF1054__	0.00	0.0	SF1401__	0.00	1.1
SF0014__	0.00	0.0	SF0361__	0.00	0.0	SF0708__	0.00	0.3	SF1055__	0.00	0.0	SF1402__	0.00	0.1
SF0015__	0.00	0.0	SF0362__	0.00	0.0	SF0709__	0.00	0.5	SF1056__	0.00	0.0	SF1403__	0.00	0.0
SF0016__	0.00	0.0	SF0363__	0.00	0.0	SF0710__	0.00	0.0	SF1057__	0.00	0.0	SF1404__	0.00	0.0
SF0017__	0.00	0.0	SF0364__	0.00	0.0	SF0711__	0.07	123.7	SF1058__	0.00	0.0	SF1405__	0.00	0.0
SF0018__	0.00	0.0	SF0365__	0.00	0.0	SF0712__	0.25	864.5	SF1059__	0.00	0.0	SF1406__	0.00	0.0
SF0019__	0.00	0.0	SF0366__	0.00	0.0	SF0713__	0.25	864.7	SF1060__	0.00	0.0	SF1407__	0.00	0.0
SF0020__	0.01	11.5	SF0367__	0.00	0.0	SF0714__	0.25	865.1	SF1061__	0.00	0.0	SF1408__	0.00	0.0
SF0021__	0.00	0.0	SF0368__	0.00	0.0	SF0715__	0.59	977.3	SF1062__	0.00	0.0	SF1409__	0.00	0.0
SF0022__	0.00	0.0	SF0369__	0.00	0.0	SF0716__	0.00	0.0	SF1063__	0.00	0.0	SF1410__	0.00	0.0
SF0023__	0.00	0.0	SF0370__	0.00	0.0	SF0717__	0.00	0.0	SF1064__	0.00	0.0	SF1411__	0.00	0.0
SF0024__	0.00	0.0	SF0371__	0.00	0.0	SF0718__	0.00	0.0	SF1065__	0.00	0.0	SF1412__	0.00	0.0
SF0025__	0.00	0.0	SF0372__	0.00	0.0	SF0719__	0.00	0.0	SF1066__	0.00	0.0	SF1413__	0.00	0.0
SF0026__	0.00	0.0	SF0373__	0.00	0.0	SF0720__	0.00	0.0	SF1067__	0.24	514.2	SF1414__	0.00	0.0
SF0027__	0.00	0.0	SF0374__	0.00	0.0	SF0721__	0.00	0.0	SF1068__	0.02	17.3	SF1415__	0.00	0.0
SF0028__	0.00	0.0	SF0375__	0.00	0.0	SF0722__	0.00	0.0	SF1069__	0.00	4.7	SF1416__	0.00	0.0
SF0029__	0.00	0.0	SF0376__	0.00	0.0	SF0723__	0.00	0.0	SF1070__	0.22	253.3	SF1417__	0.00	0.0
SF0030__	0.00	0.0	SF0377__	0.00	0.0	SF0724__	0.00	0.0	SF1071__	0.00	-0.2	SF1418__	0.00	0.0
SF0031__	0.01	6.1	SF0378__	0.00	0.0	SF0725__	0.00	0.0	SF1072__	0.00	0.0	SF1419__	0.00	0.0
SF0032__	0.01	10.3	SF0379__	0.00	0.0	SF0726__	0.00	0.0	SF1073__	0.00	0.0	SF1420__	0.00	0.0
SF0033__	0.00	0.0	SF0380__	0.00	0.0	SF0727__	0.00	0.0	SF1074__	0.00	0.2	SF1421__	0.00	0.0
SF0034__	0.00	0.0	SF0381__	0.05	-99.7	SF0728__	0.00	0.0	SF1075__	0.00	0.2	SF1422__	0.00	0.0
SF0035__	0.00	0.0	SF0382__	0.07	-129.5	SF0729__	0.00	0.0	SF1076__	0.00	0.2	SF1423__	0.00	0.0
SF0036__	0.00	0.0	SF0383__	0.30	-594.3	SF0730__	0.00	0.0	SF1077__	0.00	0.2	SF1424__	0.00	0.0
SF0037__	0.00	0.0	SF0384__	0.30	-585.3	SF0731__	0.00	0.0	SF1078__	0.00	0.2	SF1425__	0.00	0.0
SF0038__	0.01	8.5	SF0385__	0.13	111.0	SF0732__	0.00	0.0	SF1079__	0.00	0.2	SF1426__	0.00	0.0
SF0039__	0.00	0.0	SF0386__	0.13	83.0	SF0733__	0.00	0.0	SF1080__	0.00	0.2	SF1427__	0.00	0.0
SF0040__	0.00	0.0	SF0387__	0.13	83.0	SF0734__	0.00	0.0	SF1081__	0.00	0.2	SF1428__	0.00	0.0
SF0041__	0.00	0.0	SF0388__	0.15	91.3	SF0735__	0.00	0.0	SF1082__	0.01	18.4	SF1429__	0.00	0.0

Sfioratore	s	V	Sfioratore	s	V	Sfioratore	s	V	Sfioratore	s	V	Sfioratore	s	V
	[m³/s]	[m³]		[m³/s]	[m³]		[m³/s]	[m³]		[m³/s]	[m³]		[m³/s]	[m³]
SF0042__	0.00	0.0	SF0389__	0.15	91.4	SF0736__	0.00	0.0	SF1083__	0.01	18.4	SF1430__	0.00	0.0
SF0043__	0.00	0.0	SF0390__	-0.13	-168.5	SF0737__	0.00	0.0	SF1084__	0.01	18.4	SF1431__	0.00	0.0
SF0044__	0.00	0.0	SF0391__	-0.13	-168.6	SF0738__	0.00	0.0	SF1085__	0.01	18.4	SF1432__	0.00	0.0
SF0045__	0.08	306.5	SF0392__	0.00	0.0	SF0739__	0.00	0.0	SF1086__	0.01	18.4	SF1433__	0.00	0.0
SF0046__	0.03	61.8	SF0393__	0.00	0.0	SF0740__	0.00	0.0	SF1087__	0.01	18.4	SF1434__	0.00	0.0
SF0047__	0.00	0.0	SF0394__	0.00	0.0	SF0741__	0.00	0.0	SF1088__	0.01	18.4	SF1435__	0.00	0.0
SF0048__	0.00	0.0	SF0395__	0.00	0.0	SF0742__	0.00	0.0	SF1089__	0.01	18.4	SF1436__	0.00	0.0
SF0049__	0.00	0.0	SF0396__	0.00	0.0	SF0743__	0.00	0.0	SF1090__	0.01	18.4	SF1437__	0.00	0.0
SF0050__	0.00	0.0	SF0397__	0.00	0.0	SF0744__	0.00	0.0	SF1091__	0.01	18.4	SF1438__	0.00	0.0
SF0051__	0.00	0.0	SF0398__	0.00	0.0	SF0745__	0.00	0.0	SF1092__	0.01	18.4	SF1439__	0.00	0.0
SF0052__	0.00	0.0	SF0399__	0.00	0.0	SF0746__	0.00	0.0	SF1093__	0.01	18.4	SF1440__	0.00	0.0
SF0053__	0.00	0.0	SF0400__	0.00	0.0	SF0747__	0.00	0.0	SF1094__	0.01	18.4	SF1441__	0.00	0.0
SF0054__	0.00	0.0	SF0401__	0.00	0.0	SF0748__	0.00	0.0	SF1095__	0.09	108.5	SF1442__	0.00	0.0
SF0055__	0.00	0.0	SF0402__	-0.16	1055.2	SF0749__	0.00	0.0	SF1096__	0.09	108.5	SF1443__	0.00	0.0
SF0056__	0.00	0.0	SF0403__	-0.10	657.4	SF0750__	0.00	0.0	SF1097__	0.09	108.5	SF1444__	0.00	0.0
SF0057__	0.00	0.0	SF0404__	0.18	1321.5	SF0751__	0.00	0.0	SF1098__	0.09	108.5	SF1445__	0.00	0.0
SF0058__	0.00	0.0	SF0405__	0.18	1321.5	SF0752__	0.00	0.0	SF1099__	0.09	108.5	SF1446__	0.00	0.0
SF0059__	0.00	0.0	SF0406__	0.18	1321.5	SF0753__	0.00	0.0	SF1100__	0.09	108.5	SF1447__	0.00	0.0
SF0060__	0.00	0.0	SF0407__	0.18	1321.5	SF0754__	0.00	0.0	SF1101__	0.09	108.5	SF1448__	0.00	0.0
SF0061__	0.00	0.0	SF0408__	0.18	1321.5	SF0755__	0.00	0.0	SF1102__	0.09	108.5	SF1449__	0.00	0.0
SF0062__	0.00	0.0	SF0409__	0.18	1321.5	SF0756__	0.00	0.0	SF1103__	0.09	108.5	SF1450__	0.00	0.0
SF0063__	0.00	0.0	SF0410__	0.18	1321.5	SF0757__	0.00	0.0	SF1104__	0.09	108.5	SF1451__	0.00	0.0
SF0064__	0.00	0.0	SF0411__	0.18	1321.5	SF0758__	0.00	0.0	SF1105__	0.09	108.5	SF1452__	0.00	0.0
SF0065__	0.00	0.0	SF0412__	0.24	687.4	SF0759__	0.00	0.0	SF1106__	0.09	108.5	SF1453__	0.00	0.0
SF0066__	0.00	0.0	SF0413__	0.24	687.4	SF0760__	0.00	0.0	SF1107__	0.09	108.5	SF1454__	0.00	0.0
SF0067__	0.00	0.0	SF0414__	0.24	687.4	SF0761__	0.00	0.0	SF1108__	0.00	0.0	SF1455__	0.00	0.0
SF0068__	0.00	0.0	SF0415__	0.24	687.4	SF0762__	0.00	0.0	SF1109__	0.00	0.0	SF1456__	0.00	0.0
SF0069__	0.00	0.0	SF0416__	0.24	687.4	SF0763__	0.00	0.0	SF1110__	0.00	0.0	SF1457__	0.00	0.0
SF0070__	0.00	0.0	SF0417__	0.00	0.1	SF0764__	0.00	0.0	SF1111__	0.00	0.0	SF1458__	0.00	0.0
SF0071__	0.00	0.0	SF0418__	0.00	0.0	SF0765__	0.00	0.0	SF1112__	0.00	0.0	SF1459__	0.00	0.0
SF0072__	0.00	0.0	SF0419__	0.00	0.0	SF0766__	0.00	0.0	SF1113__	0.00	0.0	SF1460__	0.00	0.0
SF0073__	0.00	0.0	SF0420__	0.00	0.0	SF0767__	0.00	0.0	SF1114__	0.00	0.0	SF1461__	0.00	0.0
SF0074__	0.00	0.0	SF0421__	0.00	0.1	SF0768__	0.00	0.0	SF1115__	0.00	0.0	SF1462__	0.00	0.0
SF0075__	0.00	0.0	SF0422__	0.00	0.1	SF0769__	0.00	0.0	SF1116__	0.07	95.5	SF1463__	0.00	0.0
SF0076__	0.00	0.0	SF0423__	0.00	0.0	SF0770__	0.00	0.0	SF1117__	0.00	0.2	SF1464__	0.00	0.0
SF0077__	0.00	0.0	SF0424__	0.00	0.1	SF0771__	0.00	0.0	SF1118__	0.19	732.3	SF1465__	0.00	0.0
SF0078__	0.00	0.0	SF0425__	0.00	0.1	SF0772__	0.02	26.3	SF1119__	0.00	0.2	SF1466__	0.00	0.0
SF0079__	0.16	490.2	SF0426__	0.00	0.0	SF0773__	0.02	26.3	SF1120__	0.00	0.2	SF1467__	0.00	0.0
SF0080__	0.16	490.8	SF0427__	0.00	0.0	SF0774__	0.02	26.3	SF1121__	0.00	0.2	SF1468__	0.00	0.0
SF0081__	0.17	358.1	SF0428__	0.00	0.2	SF0775__	0.02	26.3	SF1122__	0.00	0.2	SF1469__	0.00	0.0
SF0082__	0.17	358.4	SF0429__	0.00	0.1	SF0776__	0.04	49.3	SF1123__	0.00	0.2	SF1470__	0.00	0.0



Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]
SF0083__	0.17	359.7	SF0430__	0.00	0.0	SF0777__	0.04	49.3	SF1124__	0.00	0.2	SF1471__	0.00	0.0
SF0084__	-0.10	47.5	SF0431__	0.00	0.0	SF0778__	0.04	49.3	SF1125__	0.00	0.2	SF1472__	0.00	0.0
SF0085__	-0.10	47.5	SF0432__	0.00	0.0	SF0779__	0.04	49.3	SF1126__	0.00	0.2	SF1473__	0.00	0.0
SF0086__	0.16	-137.1	SF0433__	0.00	0.0	SF0780__	0.00	0.0	SF1127__	0.00	3.6	SF1474__	0.00	0.0
SF0087__	0.16	-137.2	SF0434__	0.00	0.0	SF0781__	0.00	0.0	SF1128__	0.01	20.1	SF1475__	0.00	0.0
SF0088__	0.16	-135.7	SF0435__	0.00	0.0	SF0782__	0.00	0.0	SF1129__	0.01	20.1	SF1476__	0.00	0.0
SF0089__	0.00	0.0	SF0436__	0.00	0.0	SF0783__	0.00	0.0	SF1130__	0.01	20.1	SF1477__	0.00	0.0
SF0090__	0.00	0.0	SF0437__	0.00	0.0	SF0784__	0.00	0.0	SF1131__	0.01	20.1	SF1478__	0.00	0.0
SF0091__	0.00	0.0	SF0438__	0.00	0.0	SF0785__	0.00	0.0	SF1132__	0.01	20.1	SF1479__	0.00	0.0
SF0092__	0.00	0.0	SF0439__	0.00	0.0	SF0786__	0.00	0.0	SF1133__	0.01	20.1	SF1480__	0.00	0.0
SF0093__	0.00	0.0	SF0440__	0.00	0.0	SF0787__	0.00	0.0	SF1134__	0.01	20.1	SF1481__	0.00	0.0
SF0094__	0.00	0.0	SF0441__	0.00	0.0	SF0788__	0.00	0.0	SF1135__	0.01	20.1	SF1482__	0.00	0.0
SF0095__	0.00	0.0	SF0442__	0.00	0.2	SF0789__	0.00	0.0	SF1136__	0.01	20.1	SF1483__	0.00	0.0
SF0096__	0.00	0.0	SF0443__	0.00	0.2	SF0790__	0.00	0.0	SF1137__	0.01	20.1	SF1484__	0.00	0.0
SF0097__	0.00	0.0	SF0444__	0.00	0.2	SF0791__	0.00	0.0	SF1138__	0.01	20.1	SF1485__	0.00	0.0
SF0098__	0.00	0.0	SF0445__	0.00	0.2	SF0792__	0.04	48.2	SF1139__	0.01	20.1	SF1486__	0.00	0.0
SF0099__	0.00	0.0	SF0446__	0.00	0.2	SF0793__	0.04	48.2	SF1140__	0.10	161.2	SF1487__	0.00	0.0
SF0100__	0.00	0.0	SF0447__	0.00	0.2	SF0794__	0.04	48.2	SF1141__	0.10	161.2	SF1488__	0.00	0.0
SF0101__	0.00	0.0	SF0448__	0.00	0.2	SF0795__	0.12	201.6	SF1142__	0.10	161.2	SF1489__	0.00	0.0
SF0102__	0.00	0.0	SF0449__	0.00	0.2	SF0796__	0.12	201.6	SF1143__	0.10	161.2	SF1490__	0.00	0.0
SF0103__	0.00	0.0	SF0450__	0.00	0.2	SF0797__	0.12	201.6	SF1144__	0.10	161.2	SF1491__	0.00	0.0
SF0104__	0.00	0.0	SF0451__	0.00	0.2	SF0798__	0.01	17.4	SF1145__	0.10	161.2	SF1492__	0.00	0.0
SF0105__	0.00	0.0	SF0452__	0.00	0.2	SF0799__	0.01	17.4	SF1146__	0.10	161.2	SF1493__	0.00	0.0
SF0106__	0.00	0.0	SF0453__	0.00	0.2	SF0800__	0.05	69.9	SF1147__	0.10	161.2	SF1494__	0.00	0.0
SF0107__	0.00	0.0	SF0454__	0.00	0.2	SF0801__	0.05	69.9	SF1148__	0.10	161.2	SF1495__	0.00	0.0
SF0108__	0.00	0.0	SF0455__	0.00	0.2	SF0802__	0.05	69.9	SF1149__	0.10	161.2	SF1496__	0.00	0.0
SF0109__	0.00	0.0	SF0456__	0.00	0.2	SF0803__	0.00	0.0	SF1150__	0.10	161.2	SF1497__	0.00	0.0
SF0110__	0.00	0.0	SF0457__	0.00	0.2	SF0804__	0.00	0.0	SF1151__	0.10	161.2	SF1498__	0.00	0.0
SF0111__	0.00	0.0	SF0458__	0.00	0.2	SF0805__	0.00	0.0	SF1152__	0.10	161.2	SF1499__	0.00	0.0
SF0112__	0.00	0.0	SF0459__	0.23	227.5	SF0806__	0.00	0.0	SF1153__	0.00	0.0	SF1500__	0.00	0.0
SF0113__	0.00	0.0	SF0460__	0.20	217.1	SF0807__	0.00	0.0	SF1154__	0.00	0.0	SF1501__	0.00	0.0
SF0114__	0.00	0.0	SF0461__	0.18	191.8	SF0808__	0.00	0.0	SF1155__	0.00	0.0	SF1502__	0.00	0.0
SF0115__	0.00	0.0	SF0462__	0.15	147.3	SF0809__	0.00	0.0	SF1156__	0.00	0.0	SF1503__	0.00	0.0
SF0116__	0.00	0.0	SF0463__	0.13	131.7	SF0810__	0.00	0.0	SF1157__	0.00	0.0	SF1504__	0.00	0.0
SF0117__	0.00	0.0	SF0464__	0.14	109.7	SF0811__	0.00	0.0	SF1158__	0.00	0.0	SF1505__	0.00	0.0
SF0118__	0.00	0.0	SF0465__	0.12	86.3	SF0812__	0.00	0.0	SF1159__	0.00	0.0	SF1506__	0.00	0.0
SF0119__	0.00	0.0	SF0466__	0.10	38.9	SF0813__	0.00	0.0	SF1160__	0.00	0.0	SF1507__	0.00	0.0
SF0120__	0.00	0.0	SF0467__	0.10	37.9	SF0814__	0.00	0.0	SF1161__	0.00	0.0	SF1508__	0.00	0.0
SF0121__	0.00	0.0	SF0468__	0.14	72.5	SF0815__	0.00	0.0	SF1162__	0.00	0.0	SF1509__	0.00	0.0
SF0122__	0.00	0.0	SF0469__	0.16	83.6	SF0816__	0.00	0.0	SF1163__	0.00	0.0	SF1510__	0.00	0.0
SF0123__	0.00	0.0	SF0470__	0.17	77.3	SF0817__	0.00	0.0	SF1164__	0.00	0.0	SF1511__	0.00	0.0

Sfioratore	s	V	Sfioratore	s	V	Sfioratore	s	V	Sfioratore	s	V	Sfioratore	s	V
	[m³/s]	[m³]		[m³/s]	[m³]		[m³/s]	[m³]		[m³/s]	[m³]		[m³/s]	[m³]
SF0124__	0.00	0.0	SF0471__	0.17	76.4	SF0818__	-0.29	-230.2	SF1165__	0.00	0.0	SF1512__	0.00	0.0
SF0125__	0.00	0.0	SF0472__	0.17	75.8	SF0819__	0.00	0.0	SF1166__	0.00	0.0	SF1513__	0.00	0.0
SF0126__	0.00	0.0	SF0473__	0.16	72.4	SF0820__	-0.04	-54.0	SF1167__	0.00	0.0	SF1514__	0.00	0.0
SF0127__	0.00	0.0	SF0474__	0.16	72.4	SF0821__	-0.03	-69.0	SF1168__	0.00	0.0	SF1515__	0.00	0.0
SF0128__	0.00	0.0	SF0475__	0.06	51.8	SF0822__	-0.03	-42.0	SF1169__	0.00	0.0	SF1516__	0.00	0.0
SF0129__	0.00	0.0	SF0476__	0.00	0.6	SF0823__	-1.01	-961.4	SF1170__	0.00	0.0	SF1517__	0.00	0.0
SF0130__	0.00	0.0	SF0477__	0.00	0.0	SF0824__	-1.01	-961.6	SF1171__	0.00	0.0	SF1518__	0.00	0.0
SF0131__	0.00	0.0	SF0478__	0.00	0.0	SF0825__	-0.21	-187.1	SF1172__	0.00	0.0	SF1519__	0.00	0.0
SF0132__	0.00	0.0	SF0479__	0.00	0.0	SF0826__	0.88	2391.9	SF1173__	0.00	0.0	SF1520__	0.00	0.0
SF0133__	0.00	0.0	SF0480__	0.00	0.0	SF0827__	0.86	2059.7	SF1174__	0.00	0.0	SF1521__	0.00	0.0
SF0134__	0.00	0.0	SF0481__	0.00	0.0	SF0828__	0.13	366.8	SF1175__	0.00	0.0	SF1522__	0.00	0.0
SF0135__	0.00	0.0	SF0482__	0.00	0.0	SF0829__	0.00	-3.6	SF1176__	0.00	0.0	SF1523__	0.00	0.0
SF0136__	0.00	-0.1	SF0483__	0.00	0.0	SF0830__	0.00	0.0	SF1177__	0.00	2.1	SF1524__	0.00	0.0
SF0137__	0.00	0.0	SF0484__	0.00	0.0	SF0831__	0.00	0.0	SF1178__	0.00	2.0	SF1525__	0.00	0.0
SF0138__	0.00	0.0	SF0485__	0.00	0.0	SF0832__	0.00	0.0	SF1179__	0.00	2.1	SF1526__	0.00	0.0
SF0139__	0.00	0.0	SF0486__	0.00	0.0	SF0833__	0.00	0.0	SF1180__	0.00	2.8	SF1527__	0.00	0.0
SF0140__	0.00	0.0	SF0487__	0.00	0.5	SF0834__	0.00	-1.7	SF1181__	0.00	2.8	SF1528__	0.00	0.0
SF0141__	0.00	0.0	SF0488__	0.00	0.4	SF0835__	0.00	0.0	SF1182__	0.00	2.8	SF1529__	0.00	0.0
SF0142__	0.00	0.0	SF0489__	0.00	0.0	SF0836__	0.00	0.0	SF1183__	0.00	2.8	SF1530__	0.00	0.0
SF0143__	0.00	0.0	SF0490__	0.00	0.1	SF0837__	0.00	0.0	SF1184__	0.00	2.8	SF1531__	0.00	0.0
SF0144__	0.00	0.0	SF0491__	0.00	0.1	SF0838__	0.00	0.0	SF1185__	0.00	2.8	SF1532__	0.00	0.0
SF0145__	0.00	0.0	SF0492__	0.00	0.1	SF0839__	0.00	0.0	SF1186__	0.20	-669.0	SF1533__	0.00	0.0
SF0146__	0.00	0.0	SF0493__	0.00	0.1	SF0840__	0.00	0.0	SF1187__	0.22	-1175.0	SF1534__	0.00	0.0
SF0147__	0.00	0.0	SF0494__	0.00	0.1	SF0841__	0.00	0.0	SF1188__	0.23	-1212.0	SF1535__	0.00	0.0
SF0148__	0.00	0.0	SF0495__	0.43	3486.6	SF0842__	0.00	0.0	SF1189__	0.23	-1256.0	SF1536__	0.00	0.0
SF0149__	0.00	0.0	SF0496__	0.55	5453.1	SF0843__	0.00	0.0	SF1190__	0.23	-1269.2	SF1537__	0.00	0.0
SF0150__	0.00	0.0	SF0497__	0.55	5473.6	SF0844__	0.00	0.0	SF1191__	0.23	-1287.0	SF1538__	0.00	0.0
SF0151__	0.00	0.0	SF0498__	0.55	5649.2	SF0845__	0.00	0.0	SF1192__	0.00	0.4	SF1539__	0.00	0.0
SF0152__	0.00	0.0	SF0499__	0.55	5649.2	SF0846__	0.00	0.0	SF1193__	0.00	0.4	SF1540__	0.00	0.0
SF0153__	0.00	0.0	SF0500__	0.15	546.4	SF0847__	0.00	0.0	SF1194__	0.00	-12.7	SF1541__	0.00	0.0
SF0154__	0.00	0.0	SF0501__	0.15	546.4	SF0848__	0.00	0.0	SF1195__	0.00	-12.7	SF1542__	0.00	0.0
SF0155__	0.00	0.0	SF0502__	0.15	546.4	SF0849__	0.00	0.0	SF1196__	0.11	170.8	SF1543__	0.00	0.0
SF0156__	0.00	-0.4	SF0503__	0.15	546.4	SF0850__	0.00	0.0	SF1197__	0.11	176.9	SF1544__	0.00	0.0
SF0157__	0.00	-0.3	SF0504__	0.00	0.0	SF0851__	0.00	0.0	SF1198__	0.13	291.7	SF1545__	0.00	0.0
SF0158__	0.00	-0.2	SF0505__	0.00	0.0	SF0852__	0.00	0.0	SF1199__	0.13	291.7	SF1546__	0.00	0.0
SF0159__	0.00	-0.2	SF0506__	0.00	0.0	SF0853__	0.00	0.0	SF1200__	0.13	291.7	SF1547__	0.00	0.0
SF0160__	0.00	-0.2	SF0507__	0.00	0.0	SF0854__	0.00	0.0	SF1201__	0.13	291.7	SF1548__	0.00	0.0
SF0161__	0.00	-0.1	SF0508__	0.00	0.0	SF0855__	0.00	0.0	SF1202__	0.13	291.7	SF1549__	0.00	0.0
SF0162__	0.00	-0.1	SF0509__	0.00	0.0	SF0856__	0.00	0.0	SF1203__	0.13	291.7	SF1550__	0.00	0.0
SF0163__	0.00	0.0	SF0510__	0.00	0.0	SF0857__	0.00	0.0	SF1204__	0.00	4.9	SF1551__	0.00	0.0
SF0164__	0.00	0.0	SF0511__	0.00	0.0	SF0858__	0.00	0.0	SF1205__	0.00	4.8	SF1552__	0.00	0.0

Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]
SF0165__	0.00	-0.1	SF0512__	0.00	0.0	SF0859__	0.00	0.0	SF1206__	0.00	4.7	SF1553__	0.00	0.0
SF0166__	0.00	-0.2	SF0513__	0.00	0.0	SF0860__	0.00	0.0	SF1207__	0.00	4.9	SF1554__	0.00	0.0
SF0167__	0.00	-0.3	SF0514__	0.00	0.0	SF0861__	0.00	0.0	SF1208__	0.00	5.0	SF1555__	0.00	0.0
SF0168__	0.00	-0.3	SF0515__	0.00	0.0	SF0862__	0.00	0.0	SF1209__	0.00	5.0	SF1556__	0.00	0.0
SF0169__	-0.04	-50.3	SF0516__	0.00	0.0	SF0863__	0.00	0.0	SF1210__	0.00	5.0	SF1557__	0.00	0.0
SF0170__	0.13	-54.2	SF0517__	0.00	0.0	SF0864__	0.00	0.0	SF1211__	0.00	5.0	SF1558__	0.00	0.0
SF0171__	-0.09	-144.4	SF0518__	0.00	0.0	SF0865__	0.00	0.0	SF1212__	0.03	55.4	SF1559__	0.00	0.0
SF0172__	-0.03	-39.7	SF0519__	0.00	0.0	SF0866__	0.00	0.0	SF1213__	0.03	55.4	SF1560__	0.00	0.0
SF0173__	0.00	2.0	SF0520__	0.00	0.0	SF0867__	0.00	1.4	SF1214__	0.03	55.4	SF1561__	0.00	0.0
SF0174__	0.00	4.2	SF0521__	0.00	0.0	SF0868__	0.00	1.4	SF1215__	0.03	55.4	SF1562__	0.00	0.0
SF0175__	0.00	0.2	SF0522__	0.00	0.0	SF0869__	0.15	239.0	SF1216__	0.03	55.4	SF1563__	0.00	0.0
SF0176__	0.00	0.2	SF0523__	0.00	0.0	SF0870__	0.31	643.9	SF1217__	0.00	2.0	SF1564__	0.00	0.0
SF0177__	0.79	3695.4	SF0524__	0.00	0.0	SF0871__	-0.01	-16.1	SF1218__	0.00	1.8	SF1565__	0.00	0.0
SF0178__	0.00	0.0	SF0525__	0.00	0.0	SF0872__	-0.01	-16.1	SF1219__	0.00	1.3	SF1566__	0.00	0.0
SF0179__	0.00	0.0	SF0526__	0.00	10.7	SF0873__	0.01	-7.4	SF1220__	0.00	0.0	SF1567__	0.00	0.0
SF0180__	0.00	0.0	SF0527__	0.00	10.7	SF0874__	0.01	-7.4	SF1221__	0.00	0.0	SF1568__	0.00	0.0
SF0181__	0.00	0.0	SF0528__	0.00	10.7	SF0875__	0.01	-7.4	SF1222__	0.00	0.0	SF1569__	0.00	0.0
SF0182__	0.00	0.0	SF0529__	0.00	0.0	SF0876__	0.01	-7.4	SF1223__	0.00	0.0	SF1570__	0.00	0.0
SF0183__	0.00	0.0	SF0530__	0.00	0.0	SF0877__	0.01	-7.4	SF1224__	0.00	2.1	SF1571__	0.00	0.0
SF0184__	0.00	0.0	SF0531__	0.00	0.0	SF0878__	0.26	374.5	SF1225__	0.00	2.1	SF1572__	0.00	0.0
SF0185__	0.00	0.4	SF0532__	0.00	0.0	SF0879__	0.17	202.4	SF1226__	0.00	2.0	SF1573__	0.00	0.0
SF0186__	0.00	0.0	SF0533__	0.00	0.0	SF0880__	0.35	673.2	SF1227__	0.00	1.9	SF1574__	0.00	0.0
SF0187__	0.00	0.0	SF0534__	0.00	0.0	SF0881__	0.31	576.0	SF1228__	0.00	1.4	SF1575__	0.00	0.0
SF0188__	0.00	0.0	SF0535__	0.00	0.0	SF0882__	0.54	1186.7	SF1229__	0.00	2.0	SF1576__	0.00	0.0
SF0189__	0.00	0.0	SF0536__	0.00	0.0	SF0883__	0.56	1238.7	SF1230__	0.00	2.0	SF1577__	0.00	0.0
SF0190__	0.00	0.0	SF0537__	0.00	0.0	SF0884__	0.57	1264.1	SF1231__	0.00	1.9	SF1578__	0.00	0.0
SF0191__	0.51	3750.6	SF0538__	0.00	0.0	SF0885__	0.58	1296.6	SF1232__	0.00	1.7	SF1579__	0.00	0.0
SF0192__	0.44	2943.6	SF0539__	0.00	0.0	SF0886__	0.59	1207.5	SF1233__	0.00	1.6	SF1580__	0.00	0.0
SF0193__	0.43	2783.4	SF0540__	0.00	0.0	SF0887__	0.00	0.0	SF1234__	0.00	1.5	SF1581__	0.00	0.0
SF0194__	0.34	2006.6	SF0541__	0.00	0.0	SF0888__	0.00	0.0	SF1235__	0.00	2.1	SF1582__	0.00	0.0
SF0195__	0.30	1762.9	SF0542__	0.00	0.0	SF0889__	0.56	1199.7	SF1236__	0.00	2.1	SF1583__	0.00	0.0
SF0196__	0.21	962.8	SF0543__	0.00	0.0	SF0890__	0.48	1009.2	SF1237__	0.00	2.0	SF1584__	0.00	0.0
SF0197__	0.00	0.6	SF0544__	0.00	0.0	SF0891__	0.49	990.1	SF1238__	0.00	0.0	SF1585__	0.00	0.0
SF0198__	0.00	0.6	SF0545__	0.00	0.0	SF0892__	1.02	1577.1	SF1239__	0.00	0.0	SF1586__	0.00	0.0
SF0199__	0.00	0.6	SF0546__	0.00	0.0	SF0893__	0.00	0.0	SF1240__	0.00	0.0	SF1587__	0.00	0.0
SF0200__	0.00	0.0	SF0547__	0.00	0.0	SF0894__	0.00	0.0	SF1241__	0.00	0.0	SF1588__	0.00	0.0
SF0201__	0.00	0.0	SF0548__	0.00	0.0	SF0895__	0.00	0.0	SF1242__	0.00	0.0	SF1589__	0.00	0.0
SF0202__	0.00	-0.1	SF0549__	0.00	0.0	SF0896__	0.00	0.0	SF1243__	0.00	0.0	SF1590__	0.00	0.0
SF0203__	0.00	0.1	SF0550__	-0.11	-159.6	SF0897__	0.00	0.0	SF1244__	0.00	0.0	SF1591__	0.00	0.0
SF0204__	0.12	547.5	SF0551__	0.12	76.7	SF0898__	0.00	0.0	SF1245__	0.00	0.0	SF1592__	0.00	0.0
SF0205__	0.18	853.3	SF0552__	0.12	77.2	SF0899__	0.00	0.0	SF1246__	0.00	5.0	SF1593__	0.00	0.0

Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]
SF0206__	0.18	863.4	SF0553__	0.24	132.6	SF0900__	0.00	0.0	SF1247__	0.00	3.3	SF1594__	0.00	0.0
SF0207__	0.17	779.0	SF0554__	0.24	133.7	SF0901__	0.00	0.0	SF1248__	0.00	5.1	SF1595__	0.00	0.0
SF0208__	0.18	836.7	SF0555__	0.24	123.3	SF0902__	0.00	0.0	SF1249__	0.47	1890.8	SF1596__	0.00	0.0
SF0209__	0.46	1299.1	SF0556__	0.19	-113.0	SF0903__	0.00	0.0	SF1250__	0.16	512.2	SF1597__	0.00	0.0
SF0210__	0.46	1302.7	SF0557__	-0.11	-139.6	SF0904__	0.00	0.0	SF1251__	0.00	1.9	SF1598__	0.00	0.0
SF0211__	0.46	1275.8	SF0558__	-0.10	-102.8	SF0905__	0.00	0.0	SF1252__	2.34	26098.1	SF1599__	0.00	0.0
SF0212__	0.45	1246.5	SF0559__	-0.01	-31.7	SF0906__	0.00	0.0	SF1253__	0.12	389.6	SF1600__	0.00	0.0
SF0213__	0.00	1.3	SF0560__	0.00	0.0	SF0907__	0.00	0.0	SF1254__	0.15	328.6	SF1601__	0.00	0.0
SF0214__	0.00	1.3	SF0561__	0.00	0.0	SF0908__	0.00	0.0	SF1255__	0.00	2.1	SF1602__	0.00	0.0
SF0215__	0.00	1.3	SF0562__	0.00	0.0	SF0909__	0.00	0.0	SF1256__	0.44	1626.9	SF1603__	0.00	0.0
SF0216__	0.00	1.3	SF0563__	0.00	0.0	SF0910__	0.00	0.0	SF1257__	0.01	5.7	SF1604__	0.00	0.0
SF0217__	0.00	1.3	SF0564__	0.00	0.0	SF0911__	0.00	0.0	SF1258__	0.37	808.1	SF1605__	0.00	0.0
SF0218__	0.00	1.3	SF0565__	0.00	0.0	SF0912__	0.00	0.0	SF1259__	0.00	2.7	SF1606__	0.00	0.0
SF0219__	0.00	1.3	SF0566__	0.00	0.0	SF0913__	0.00	0.0	SF1260__	0.33	983.4	SF1607__	0.00	0.0
SF0220__	0.00	0.2	SF0567__	0.00	0.0	SF0914__	0.00	0.0	SF1261__	0.00	0.8	SF1608__	0.00	0.0
SF0221__	0.00	0.2	SF0568__	0.00	0.5	SF0915__	0.00	0.0	SF1262__	2.45	12924.2	SF1609__	0.00	0.0
SF0222__	0.00	0.2	SF0569__	0.00	0.5	SF0916__	0.00	0.0	SF1263__	0.00	0.0	SF1610__	0.00	0.0
SF0223__	0.00	0.2	SF0570__	0.00	0.5	SF0917__	0.00	0.0	SF1264__	0.01	5.0	SF1611__	0.00	0.0
SF0224__	0.00	0.2	SF0571__	0.09	280.2	SF0918__	0.00	0.0	SF1265__	0.00	0.0	SF1612__	0.00	0.0
SF0225__	0.00	0.0	SF0572__	0.09	280.2	SF0919__	0.00	0.0	SF1266__	0.35	487.5	SF1613__	0.00	0.0
SF0226__	0.00	0.0	SF0573__	0.09	280.6	SF0920__	0.00	0.0	SF1267__	0.38	689.0	SF1614__	0.00	0.0
SF0227__	0.00	0.0	SF0574__	0.09	280.5	SF0921__	0.00	0.0	SF1268__	0.00	0.0	SF1615__	0.00	0.0
SF0228__	0.00	0.0	SF0575__	0.36	976.9	SF0922__	0.00	0.0	SF1269__	0.13	154.7	SF1616__	0.00	0.0
SF0229__	0.00	0.0	SF0576__	0.37	1063.8	SF0923__	0.00	0.0	SF1270__	0.00	0.0	SF1617__	0.00	0.0
SF0230__	0.00	0.0	SF0577__	0.36	1068.5	SF0924__	0.00	0.0	SF1271__	0.00	0.0	SF1618__	0.00	0.0
SF0231__	0.00	0.0	SF0578__	0.34	602.3	SF0925__	0.00	0.0	SF1272__	0.00	0.0	SF1619__	0.00	0.0
SF0232__	0.00	0.0	SF0579__	0.31	980.2	SF0926__	0.00	0.0	SF1273__	0.00	0.0	SF1620__	0.00	0.0
SF0233__	0.00	0.0	SF0580__	0.31	1023.2	SF0927__	0.00	0.0	SF1274__	0.00	0.0	SF1621__	0.00	0.0
SF0234__	0.00	0.0	SF0581__	0.31	1119.3	SF0928__	0.00	0.0	SF1275__	0.00	0.0	SF1622__	0.00	0.0
SF0235__	0.00	0.0	SF0582__	0.09	259.5	SF0929__	0.00	0.0	SF1276__	0.00	0.0	SF1623__	0.00	0.0
SF0236__	0.00	0.0	SF0583__	0.09	257.8	SF0930__	0.00	0.0	SF1277__	0.00	0.0	SF1624__	0.00	0.0
SF0237__	0.00	0.0	SF0584__	0.09	262.6	SF0931__	0.00	0.0	SF1278__	0.00	0.0	SF1625__	0.00	0.0
SF0238__	0.00	0.0	SF0585__	0.00	-0.2	SF0932__	0.00	0.0	SF1279__	0.00	0.0	SF1626__	0.00	0.0
SF0239__	0.00	0.0	SF0586__	0.00	0.2	SF0933__	0.00	0.0	SF1280__	0.00	0.0	SF1627__	0.00	0.0
SF0240__	0.00	0.0	SF0587__	0.00	0.2	SF0934__	0.00	0.0	SF1281__	0.00	0.0	SF1628__	0.00	0.0
SF0241__	0.00	0.0	SF0588__	0.00	0.2	SF0935__	0.00	0.0	SF1282__	0.00	0.0	SF1629__	0.00	0.0
SF0242__	0.00	0.0	SF0589__	0.00	-0.1	SF0936__	0.00	0.0	SF1283__	0.00	0.0	SF1630__	0.00	0.0
SF0243__	0.00	0.0	SF0590__	0.00	0.0	SF0937__	0.00	0.0	SF1284__	0.00	0.9	SF1631__	0.00	0.0
SF0244__	0.00	0.0	SF0591__	0.00	0.0	SF0938__	0.00	0.0	SF1285__	0.00	0.6	SF1632__	0.00	0.0
SF0245__	0.00	0.0	SF0592__	0.00	0.0	SF0939__	0.00	0.0	SF1286__	0.00	0.1	SF1633__	0.00	0.0
SF0246__	0.00	0.0	SF0593__	0.00	0.0	SF0940__	0.00	0.0	SF1287__	0.31	760.4	SF1634__	0.00	0.0

Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]
SF0247__	0.00	0.0	SF0594__	0.00	0.0	SF0941__	0.00	0.0	SF1288__	0.00	0.0	SF1635__	0.00	0.0
SF0248__	0.00	0.0	SF0595__	0.00	0.0	SF0942__	0.00	0.0	SF1289__	0.00	0.9	SF1636__	0.00	0.0
SF0249__	0.00	0.0	SF0596__	0.00	0.0	SF0943__	0.00	0.0	SF1290__	0.00	0.0	SF1637__	0.00	0.0
SF0250__	0.00	0.0	SF0597__	0.00	0.0	SF0944__	0.00	0.0	SF1291__	0.00	0.8	SF1638__	0.00	0.0
SF0251__	0.00	0.0	SF0598__	0.00	0.0	SF0945__	0.00	0.0	SF1292__	0.00	0.0	SF1639__	0.00	0.0
SF0252__	0.00	0.0	SF0599__	0.00	0.0	SF0946__	0.00	0.0	SF1293__	0.00	0.5	SF1640__	0.00	0.0
SF0253__	0.00	0.0	SF0600__	0.00	0.0	SF0947__	0.08	107.9	SF1294__	0.00	0.6	SF1641__	0.00	0.0
SF0254__	0.00	0.0	SF0601__	0.00	0.0	SF0948__	0.08	107.9	SF1295__	0.00	0.1	SF1642__	0.00	0.0
SF0255__	0.00	0.0	SF0602__	0.00	0.0	SF0949__	0.08	107.9	SF1296__	0.00	0.1	SF1643__	0.00	0.0
SF0256__	0.00	0.0	SF0603__	0.00	0.0	SF0950__	0.08	107.9	SF1297__	0.00	0.4	SF1644__	0.00	0.0
SF0257__	0.00	0.0	SF0604__	0.00	0.0	SF0951__	0.08	107.9	SF1298__	0.44	1568.6	SF1645__	0.00	0.0
SF0258__	0.00	0.0	SF0605__	0.00	0.0	SF0952__	0.01	8.7	SF1299__	0.11	149.5	SF1646__	0.00	0.0
SF0259__	0.00	0.0	SF0606__	0.00	0.0	SF0953__	0.01	8.7	SF1300__	0.00	3.9	SF1647__	0.00	0.0
SF0260__	0.00	0.0	SF0607__	0.00	0.0	SF0954__	0.01	8.7	SF1301__	0.00	3.9	SF1648__	0.00	0.0
SF0261__	0.00	0.0	SF0608__	0.00	0.0	SF0955__	0.00	0.0	SF1302__	0.00	0.0	SF1649__	0.00	0.0
SF0262__	0.00	0.0	SF0609__	0.00	0.0	SF0956__	0.00	0.0	SF1303__	0.00	0.0	SF1650__	0.00	0.0
SF0263__	0.00	0.0	SF0610__	0.00	0.0	SF0957__	0.00	0.0	SF1304__	0.00	0.0	SF1651__	0.00	0.0
SF0264__	0.00	0.0	SF0611__	0.00	0.0	SF0958__	0.00	0.0	SF1305__	0.00	0.3	SF1652__	0.00	0.0
SF0265__	0.00	0.0	SF0612__	0.00	0.0	SF0959__	0.03	24.7	SF1306__	0.03	110.1	SF1653__	0.00	0.0
SF0266__	0.00	0.0	SF0613__	0.00	0.0	SF0960__	0.03	24.7	SF1307__	0.01	12.7	SF1654__	0.00	0.0
SF0267__	0.00	0.1	SF0614__	0.00	0.0	SF0961__	0.03	24.7	SF1308__	0.00	0.0	SF1655__	0.00	0.0
SF0268__	0.00	0.1	SF0615__	0.00	0.0	SF0962__	0.00	0.0	SF1309__	0.00	0.0	SF1656__	0.00	0.0
SF0269__	0.00	0.1	SF0616__	0.00	0.0	SF0963__	0.00	0.0	SF1310__	0.00	0.0	SF1657__	0.00	0.0
SF0270__	0.00	0.1	SF0617__	0.00	0.0	SF0964__	0.00	0.0	SF1311__	0.00	0.3	SF1658__	0.00	0.0
SF0271__	0.00	0.1	SF0618__	0.02	23.3	SF0965__	0.00	0.0	SF1312__	0.00	0.1	SF1659__	0.00	0.0
SF0272__	0.00	0.1	SF0619__	0.02	23.3	SF0966__	0.00	0.0	SF1313__	0.03	28.3	SF1660__	0.00	0.0
SF0273__	0.00	0.1	SF0620__	0.02	23.3	SF0967__	0.00	0.0	SF1314__	0.00	0.0	SF1661__	0.00	0.0
SF0274__	0.18	877.6	SF0621__	0.02	23.3	SF0968__	0.06	85.1	SF1315__	0.00	2.9	SF1662__	0.00	0.0
SF0275__	0.18	875.5	SF0622__	0.02	23.3	SF0969__	0.06	85.1	SF1316__	0.00	0.0	SF1663__	0.00	0.0
SF0276__	0.18	865.7	SF0623__	0.08	183.9	SF0970__	0.04	54.4	SF1317__	0.00	0.4	SF1664__	0.00	0.0
SF0277__	0.18	861.0	SF0624__	0.08	183.9	SF0971__	0.04	54.4	SF1318__	0.00	0.0	SF1665__	0.00	0.0
SF0278__	0.18	846.5	SF0625__	0.02	32.2	SF0972__	0.04	54.4	SF1319__	0.00	0.5	SF1666__	0.00	0.0
SF0279__	0.47	1286.1	SF0626__	0.02	32.2	SF0973__	0.00	0.0	SF1320__	0.00	0.0	SF1667__	0.00	0.0
SF0280__	0.47	1292.7	SF0627__	0.02	28.8	SF0974__	0.00	0.0	SF1321__	0.00	0.6	SF1668__	0.00	0.0
SF0281__	0.47	1284.2	SF0628__	0.06	121.3	SF0975__	0.00	0.0	SF1322__	0.00	0.4	SF1669__	0.00	0.0
SF0282__	0.46	1308.3	SF0629__	0.06	121.3	SF0976__	0.00	0.0	SF1323__	0.00	2.2	SF1670__	0.00	0.0
SF0283__	0.46	1302.9	SF0630__	0.00	3.2	SF0977__	0.00	0.0	SF1324__	0.00	0.0	SF1671__	0.00	0.0
SF0284__	0.46	1292.5	SF0631__	0.00	3.2	SF0978__	0.00	0.0	SF1325__	0.00	0.6	SF1672__	0.00	0.0
SF0285__	0.46	1289.6	SF0632__	0.00	3.9	SF0979__	0.00	0.0	SF1326__	0.00	0.0	SF1673__	0.00	0.0
SF0286__	0.46	1278.4	SF0633__	0.00	3.9	SF0980__	0.00	0.0	SF1327__	0.00	0.4	SF1674__	0.00	0.0
SF0287__	0.45	1232.4	SF0634__	0.00	0.0	SF0981__	0.00	0.0	SF1328__	0.00	0.0	SF1675__	0.00	0.0

Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]
SF0288__	0.37	1182.1	SF0635__	0.00	0.0	SF0982__	0.00	0.0	SF1329__	0.00	0.2	SF1676__	0.00	0.0
SF0289__	0.00	1.3	SF0636__	0.00	0.0	SF0983__	0.00	0.0	SF1330__	0.00	0.1	SF1677__	0.00	0.0
SF0290__	0.00	1.3	SF0637__	0.00	0.0	SF0984__	0.00	0.0	SF1331__	0.00	0.3	SF1678__	0.00	0.0
SF0291__	0.00	1.3	SF0638__	0.00	0.0	SF0985__	0.00	0.0	SF1332__	0.00	0.5	SF1679__	0.00	0.0
SF0292__	0.00	1.3	SF0639__	0.00	0.0	SF0986__	0.00	0.0	SF1333__	0.00	0.5	SF1680__	0.00	0.0
SF0293__	0.00	1.3	SF0640__	0.00	0.1	SF0987__	0.00	0.0	SF1334__	0.57	2645.4	SF1681__	0.00	0.0
SF0294__	0.00	1.3	SF0641__	0.00	0.2	SF0988__	0.00	0.0	SF1335__	0.00	0.2	SF1682__	0.00	0.0
SF0295__	0.00	0.2	SF0642__	0.00	-0.2	SF0989__	0.00	0.0	SF1336__	0.00	0.1	SF1683__	0.00	0.0
SF0296__	0.00	0.2	SF0643__	0.00	0.6	SF0990__	0.00	0.0	SF1337__	0.00	0.1	SF1684__	0.00	0.0
SF0297__	0.00	0.2	SF0644__	0.00	-0.2	SF0991__	0.00	0.0	SF1338__	0.00	0.3	SF1685__	0.00	0.0
SF0298__	0.00	0.2	SF0645__	0.00	-0.1	SF0992__	0.00	0.0	SF1339__	0.00	0.0	SF1686__	0.00	0.0
SF0299__	0.00	0.2	SF0646__	0.00	0.6	SF0993__	0.00	0.0	SF1340__	0.00	0.1	SF1687__	0.00	0.0
SF0300__	0.00	0.0	SF0647__	0.00	0.0	SF0994__	0.27	1002.6	SF1341__	0.00	0.2	SF1688__	0.00	0.0
SF0301__	0.00	0.0	SF0648__	0.00	0.0	SF0995__	0.05	196.1	SF1342__	0.00	0.1	SF1689__	0.00	0.0
SF0302__	0.00	0.0	SF0649__	0.20	281.8	SF0996__	0.05	196.1	SF1343__	0.00	0.1	SF1690__	0.00	0.0
SF0303__	0.00	0.0	SF0650__	0.20	281.8	SF0997__	0.05	196.1	SF1344__	0.00	0.0	SF1691__	0.00	0.0
SF0304__	0.00	0.0	SF0651__	0.54	673.2	SF0998__	1.45	5589.7	SF1345__	0.00	0.0	SF1692__	0.00	0.0
SF0305__	0.00	0.0	SF0652__	0.54	650.8	SF0999__	0.05	196.2	SF1346__	0.00	0.0	SF1693__	0.00	0.0
SF0306__	0.00	0.0	SF0653__	0.04	80.6	SF1000__	0.05	196.2	SF1347__	0.00	0.0	SF1694__	0.00	0.0
SF0307__	0.00	0.0	SF0654__	-0.01	-14.7	SF1001__	1.45	5585.8	SF1348__	0.00	0.0	SF1695__	0.00	0.0
SF0308__	0.00	0.0	SF0655__	0.00	0.0	SF1002__	1.45	5602.1	SF1349__	0.00	0.0	SF1696__	0.00	0.0
SF0309__	0.00	0.0	SF0656__	0.00	0.0	SF1003__	1.46	5644.9	SF1350__	0.00	0.0	SF1697__	0.00	0.0
SF0310__	0.00	0.0	SF0657__	0.00	0.0	SF1004__	0.18	714.9	SF1351__	0.00	0.0	SF1698__	0.00	0.0
SF0311__	0.00	0.0	SF0658__	0.00	0.0	SF1005__	-0.04	-320.3	SF1352__	0.00	0.0	SF1699__	5.73	41625.6
SF0312__	0.00	0.0	SF0659__	0.00	0.0	SF1006__	-0.01	-16.7	SF1353__	0.00	0.0	SF1700__	0.00	0.0
SF0313__	0.00	0.0	SF0660__	0.00	0.0	SF1007__	-0.01	-15.2	SF1354__	0.00	0.0	SF1701__	0.00	0.0
SF0314__	0.06	199.7	SF0661__	0.00	-1.6	SF1008__	-0.01	-12.7	SF1355__	0.00	0.0	SF1702__	0.00	0.0
SF0315__	0.06	199.7	SF0662__	0.00	-1.0	SF1009__	-0.01	-11.3	SF1356__	0.00	0.0	SF1703__	-0.86	-11243.6
SF0316__	0.00	3.0	SF0663__	0.00	0.0	SF1010__	-0.01	-10.2	SF1357__	0.00	0.0	SF1704__	0.70	2761.6
SF0317__	0.00	0.0	SF0664__	0.00	0.0	SF1011__	0.00	-8.4	SF1358__	0.00	0.0	SF1705__	0.00	0.0
SF0318__	0.00	0.0	SF0665__	0.00	0.0	SF1012__	0.00	-7.6	SF1359__	0.00	0.0	SF1706__	0.00	0.0
SF0319__	0.00	0.0	SF0666__	0.00	0.0	SF1013__	0.00	-6.1	SF1360__	0.00	0.0	SF1707__	0.00	0.0
SF0320__	0.00	0.0	SF0667__	0.00	0.0	SF1014__	0.00	-5.2	SF1361__	0.00	0.0	SF1708__	0.00	0.0
SF0321__	0.00	0.0	SF0668__	0.00	0.0	SF1015__	0.00	-4.3	SF1362__	0.00	0.0	SF1709__	0.00	0.0
SF0322__	0.00	2.0	SF0669__	0.00	0.0	SF1016__	-0.34	-1014.8	SF1363__	0.00	0.0	SF1710__	-4.31	-44365.8
SF0323__	0.00	0.0	SF0670__	0.00	0.0	SF1017__	-0.31	-926.9	SF1364__	0.00	0.0	SF1711__	0.00	0.0
SF0324__	0.00	0.0	SF0671__	0.00	0.0	SF1018__	-0.30	-881.2	SF1365__	0.00	0.0	SF1712__	0.00	0.0
SF0325__	0.00	0.0	SF0672__	0.00	0.0	SF1019__	-0.29	-737.0	SF1366__	0.00	0.0	SF1713__	0.00	0.0
SF0326__	0.00	0.0	SF0673__	0.00	0.0	SF1020__	-0.28	-676.3	SF1367__	0.00	0.0	SF1714__	0.00	0.0
SF0327__	0.00	0.0	SF0674__	0.00	0.0	SF1021__	-0.26	-624.1	SF1368__	0.00	0.0	SF1715__	0.00	0.0
SF0328__	0.00	0.0	SF0675__	0.00	0.0	SF1022__	0.27	-187.8	SF1369__	0.00	0.0	SF1716__	0.00	0.0

Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]
SF0329__	0.00	0.0	SF0676__	0.00	0.0	SF1023__	0.27	-145.3	SF1370__	0.00	0.0	SF1717__	0.00	0.0
SF0330__	0.00	0.0	SF0677__	0.00	0.0	SF1024__	0.27	135.0	SF1371__	0.00	0.0	SF1718__	0.00	0.0
SF0331__	0.00	0.0	SF0678__	0.00	0.0	SF1025__	0.27	244.6	SF1372__	0.00	0.0	SF1719__	0.00	0.0
SF0332__	0.00	0.0	SF0679__	0.00	0.0	SF1026__	0.27	332.7	SF1373__	0.00	0.0	SF1720__	0.00	0.0
SF0333__	0.00	0.0	SF0680__	0.00	0.0	SF1027__	0.27	366.2	SF1374__	0.00	0.0	SF1721__	0.00	0.0
SF0334__	0.00	0.6	SF0681__	0.03	53.1	SF1028__	0.27	375.9	SF1375__	0.00	0.0	SF1722__	0.00	0.0
SF0335__	0.00	0.0	SF0682__	0.03	53.1	SF1029__	0.27	384.1	SF1376__	0.00	0.0	SF1723__	0.00	0.0
SF0336__	0.00	0.0	SF0683__	0.03	53.1	SF1030__	0.27	407.9	SF1377__	0.00	0.0	SF1724__	0.00	0.0
SF0337__	0.00	0.0	SF0684__	0.03	53.1	SF1031__	0.32	-295.3	SF1378__	0.00	0.0	SF1725__	0.00	0.0
SF0338__	0.00	0.0	SF0685__	0.03	55.0	SF1032__	0.32	-265.9	SF1379__	0.00	0.0	SF1726__	0.00	0.0
SF0339__	0.00	0.0	SF0686__	0.03	55.0	SF1033__	0.32	-235.7	SF1380__	0.00	0.0	SF1727__	0.00	0.0
SF0340__	0.00	0.0	SF0687__	0.00	3.5	SF1034__	0.32	-188.5	SF1381__	0.00	0.0	SF1728__	0.00	0.0
SF0341__	0.00	0.0	SF0688__	0.00	3.5	SF1035__	0.32	-126.1	SF1382__	0.00	0.0	SF1729__	0.00	0.0
SF0342__	0.02	38.9	SF0689__	0.03	36.6	SF1036__	0.32	312.4	SF1383__	0.00	0.0	SF1730__	0.00	0.0
SF0343__	0.00	0.0	SF0690__	0.03	36.6	SF1037__	-0.04	-43.3	SF1384__	0.00	0.0	SF1731__	0.00	0.0
SF0344__	0.00	0.0	SF0691__	0.01	6.2	SF1038__	0.00	0.0	SF1385__	0.00	0.0	SF1732__	0.00	0.0
SF0345__	0.00	0.0	SF0692__	0.01	6.2	SF1039__	0.00	0.0	SF1386__	0.00	0.0	SF1733__	0.00	0.0
SF0346__	0.00	0.0	SF0693__	0.00	0.0	SF1040__	0.00	0.0	SF1387__	0.00	0.0	SF1734__	0.00	0.0
SF0347__	0.00	0.0	SF0694__	0.00	0.0	SF1041__	0.00	0.0	SF1388__	0.00	0.0	SF1735__	0.00	0.0

Portella	s [m³/s]	V [m³]	Portella	s [m³/s]	V [m³]
PO001__	0.54	16737.8	PO023__	0.00	0.0
PO002__	-0.71	-1792.8	PO024__	-0.55	3460.1
PO003__	-0.69	-323.8	PO025__	-0.19	283.6
PO004__	0.00	0.0	PO026__	0.93	1061.4
PO005__	10.91	13579.0	PO027__	0.35	1045.0
PO006__	-1.98	-6772.9	PO028__	0.36	2004.7
PO007__	-1.62	-6136.6	PO029__	0.33	1475.7
PO008__	-3.55	-5487.2	PO030__	0.00	0.0
PO009__	0.00	0.0	PO031__	0.00	0.0
PO010__	0.00	0.0	PO032__	0.00	0.0
PO011__	0.00	0.0	PO033__	0.00	0.0
PO012__	0.00	0.0	PO034__	0.00	0.0
PO013__	0.00	0.0	PO035__	0.00	0.0
PO014__	-0.15	-713.2	PO036__	0.00	0.0
PO015__	0.00	0.0	PO037__	0.00	0.0
PO016__	0.00	0.0	PO038__	0.00	0.0
PO017__	0.00	0.0	PO039__	0.00	0.0
PO018__	1.49	14665.1	PO040__	0.00	0.0
PO019__	-0.12	-1414.2	PO041__	0.00	0.0
PO020__	0.00	0.0	PO042__	0.00	0.0
PO021__	0.00	0.0	PO042__	0.00	0.0
PO022__	0.00	0.0	PO043__	-0.91	-18178.2

Cassa	H [m]	V [m³]	s [m³/s]
ape_4a	21.64	847.3	0.51
ape_4b	25.96	0.0	0.00
FIBBIANA	17.49	26207.8	3.03
VM-036a	25.60	16540.3	2.93
VM-036b	18.43	54612.4	6.18
VM-036c	25.82	38719.1	3.36
VM-036d	25.54	18181.3	0.91
VM-036e	25.56	32897.1	4.28
VM-036f	16.50	0.0	0.00
VM-036g	12.30	0.0	0.00
VM-036h	25.96	8107.0	3.48
VM-038a	25.56	143706.7	12.32
VM-038b	25.31	1668.7	0.47
VM-038c	23.89	1.2	0.00
VM-040	23.85	0.0	0.00
VM-042e	25.15	0.0	0.00
VM-042f	24.46	0.0	0.00
VM-046a	25.81	0.0	0.00



## **TABULATI VERIFICHE IDRAULICHE TR = 200 ANNI**

Tronchi	Sezioni	P [m]	q [m³/s]	s [m³/s]	h [m]	y [m]	V [m/s]	Fr	Et [m]	Ev [m]	Sp [t]	ym [m]	b [m]	bt [m]	B [m]	Pb [m]	A [dmq]	At [dmq]	R [m]	C2	β	α
Budella	BU_01	1106.3	8.0	0.00	43.42	2.06	2.93	1.00	43.52	0.44	6.1	1.74	3.1	3.3	4.1	0.94	0.54	0.54	1.33	72.09	1.0	1.0
Budella	BU_01A	1119.2	7.8	0.46	43.31	2.47	1.52	1.00	43.35	0.12	8.9	1.91	4.0	4.0	4.9	1.09	0.76	0.76	1.56	85.11	1.0	1.0
Budella	BU_01B	1122.8	7.8	0.00	43.21	2.45	3.43	1.00	43.27	0.60	9.9	9999.99	4.0	4.0	7.0	1.45	0.63	0.63	0.90	129.22	1.0	1.0
Budella	BU_01C	1132.3	7.8	0.00	42.97	2.43	3.49	1.03	43.03	0.62	9.7	9999.99	4.0	4.0	7.0	1.44	0.62	0.62	0.89	129.67	1.0	1.0
Budella	BU_01D	1136.5	7.8	0.09	43.04	2.70	2.69	1.00	43.06	0.37	12.3	1.77	6.0	6.0	7.6	1.12	1.05	1.05	1.39	78.93	1.0	1.0
Budella	BU_02A	1319.8	6.9	5.17	39.42	1.72	2.97	1.01	39.42	0.45	3.5	1.78	2.6	4.3	5.2	0.76	0.46	0.46	0.89	69.94	1.0	1.0
Budella	BU_02B	1450.4	4.8	3.14	37.90	1.87	2.15	1.04	37.90	0.23	4.3	1.28	4.2	4.2	4.9	0.80	0.54	0.54	1.09	71.13	1.0	1.0
Budella	BU_02	1683.1	4.8	0.37	35.68	1.24	2.00	1.74	35.71	0.20	2.2	0.66	5.9	5.9	6.4	0.46	0.39	0.39	0.62	77.25	1.0	1.0
Budella	RG2041__	1729.4	4.6	0.00	35.64	2.41	-0.78	0.67	35.64	0.03	9.8	1.24	8.7	8.7	10.3	0.91	1.07	1.07	1.04	93.08	1.0	1.0
Citerna	CI_01A	276.6	3.8	0.11	44.35	2.19	0.75	0.17	44.37	0.03	5.2	1.94	2.6	3.7	6.0	0.99	0.51	0.51	0.85	110.70	1.0	1.0
Citerna	CI_01B	284.6	3.8	0.00	44.12	1.84	2.61	1.00	44.36	0.35	2.2	9999.99	3.7	3.7	5.9	0.76	0.18	0.18	0.30	122.96	1.0	1.0
Citerna	CI4082_C	291.8	3.8	0.00	43.74	1.89	3.66	1.00	44.04	0.68	3.0	1.36	2.6	2.6	4.5	1.33	0.16	0.16	0.35	116.82	1.0	1.0
Citerna	CI4082_D	292.8	3.8	0.00	42.77	1.02	2.81	1.00	43.17	0.40	1.7	0.80	1.7	1.7	3.4	0.48	0.13	0.13	0.39	96.92	1.0	1.0
Citerna	CI4081__	295.8	3.8	0.00	42.32	0.88	2.37	1.00	42.61	0.29	1.5	0.57	2.8	2.8	4.1	0.38	0.16	0.16	0.38	96.04	1.0	1.0
Citerna	CI4080__	296.0	3.8	0.00	42.18	0.99	2.58	1.00	42.49	0.34	1.6	0.68	2.5	2.5	4.1	0.44	0.15	0.15	0.37	94.86	1.0	1.0
Citerna	CI4079__	303.4	3.7	-0.02	41.17	0.87	2.88	1.00	41.59	0.42	1.7	0.85	1.5	1.5	3.2	0.43	0.13	0.13	0.41	97.78	1.0	1.0
Citerna	CI4078__	303.9	3.7	0.00	40.30	0.89	2.93	1.00	40.74	0.44	1.7	0.87	1.5	1.5	3.2	0.44	0.13	0.13	0.40	97.42	1.0	1.0
Citerna	CI4077__	313.7	3.7	0.00	39.88	0.77	2.73	1.00	40.26	0.38	1.6	0.76	1.8	1.8	3.3	0.38	0.14	0.14	0.42	98.56	1.0	1.0
Citerna	CI4076__	314.2	3.7	0.00	38.66	0.79	2.77	1.00	39.05	0.39	1.6	0.78	1.7	1.7	3.3	0.39	0.13	0.13	0.41	98.36	1.0	1.0
Citerna	CI4075__	320.6	3.7	0.00	38.21	0.76	2.72	1.00	38.59	0.38	1.6	0.75	1.8	1.8	3.3	0.38	0.14	0.14	0.41	98.51	1.0	1.0
Citerna	CI4074__	321.1	3.7	0.00	37.92	0.77	2.73	1.00	38.30	0.38	1.6	0.76	1.8	1.8	3.3	0.38	0.14	0.14	0.41	98.44	1.0	1.0
Citerna	CI4073_A	389.5	3.6	-0.06	35.09	0.83	2.66	1.00	35.36	0.36	1.5	0.83	1.9	1.9	3.5	0.42	0.16	0.16	0.44	100.66	1.0	1.0
Citerna	CI4073_B	390.0	3.6	0.00	35.08	0.84	2.66	1.00	35.34	0.36	1.5	0.84	1.9	1.9	3.6	0.42	0.16	0.16	0.45	157.69	1.0	1.0
Citerna	CI4072_C	391.3	3.6	0.00	34.95	0.72	2.66	1.00	35.32	0.36	1.5	0.72	1.9	1.9	3.3	0.36	0.14	0.14	0.41	153.31	1.0	1.0
Citerna	CI4072_D	391.8	3.6	0.00	34.92	0.72	2.66	1.00	35.29	0.36	1.5	0.72	1.9	1.9	3.3	0.36	0.14	0.14	0.41	98.15	1.0	1.0
Citerna	CI4071_A	446.0	3.6	0.00	33.77	1.27	1.49	1.00	33.84	0.11	2.0	0.67	4.8	4.8	5.7	0.48	0.32	0.32	0.56	108.89	1.0	1.0
Citerna	CI4071_B	447.0	3.6	0.00	33.54	1.04	2.24	0.48	33.79	0.26	1.8	9999.99	1.8	1.8	5.1	0.60	0.16	0.16	0.39	150.85	1.0	1.0
Citerna	CI4070_C	456.0	3.7	0.00	33.45	0.95	2.44	0.69	33.68	0.30	1.6	2.29	1.8	1.8	4.4	0.51	0.16	0.16	0.39	150.82	1.0	1.0
Citerna	CI4070_D	457.1	3.7	0.00	33.49	1.02	2.40	1.00	33.64	0.29	1.5	0.68	2.9	2.9	3.8	0.43	0.20	0.20	0.52	106.24	1.0	1.0
Citerna	CI2069__	493.1	7.2	0.00	33.10	1.28	3.01	1.00	33.40	0.46	3.3	1.07	2.6	2.6	4.4	0.56	0.28	0.28	0.63	113.40	1.0	1.0
Citerna	CI2068__	549.1	7.4	0.00	32.09	1.28	2.78	1.00	32.48	0.39	3.5	0.79	3.4	3.4	4.4	0.51	0.27	0.27	0.60	111.51	1.0	1.0
Citerna	CI2067__	634.5	9.6	1.11	31.01	1.33	2.87	1.00	31.43	0.42	4.6	0.85	4.0	4.0	4.6	0.54	0.34	0.34	0.73	102.82	1.0	1.0
Citerna	CI3066_9	653.2	9.4	0.54	30.84	1.39	3.12	1.01	31.34	0.50	4.8	1.00	3.0	3.0	3.5	0.60	0.30	0.30	0.85	100.14	1.0	1.0
Citerna	CI3066_8	671.9	9.2	0.19	30.68	1.45	3.11	1.00	31.18	0.49	4.7	0.99	3.0	3.0	3.8	0.61	0.30	0.30	0.79	106.17	1.0	1.0
Citerna	CI3066_7	690.6	9.0	0.30	30.46	1.45	2.56	1.01	30.79	0.33	4.5	0.88	4.0	4.0	4.7	0.60	0.35	0.35	0.74	95.36	1.0	1.0
Citerna	CI3066_6	709.3	8.8	0.32	30.24	1.46	3.04	1.01	30.71	0.47	4.4	0.95	3.0	3.0	3.9	0.60	0.29	0.29	0.75	105.53	1.0	1.0
Citerna	CI3066_5	728.0	8.7	0.08	29.99	1.43	3.02	1.01	30.45	0.47	4.3	0.95	3.0	4.0	5.1	0.57	0.29	0.29	0.57	104.09	1.0	1.0
Citerna	CI3066_4	746.7	8.6	0.09	29.82	1.49	2.55	1.00	30.16	0.33	4.0	0.67	5.0	5.0	6.1	0.53	0.34	0.34	0.56	103.04	1.0	1.0

Tronchi	Sezioni	P [m]	q [m³/s]	s [m³/s]	h [m]	y [m]	V [m/s]	Fr	Et [m]	Ev [m]	Sp [t]	ym [m]	b [m]	bt [m]	B [m]	Pb [m]	A [dmq]	At [dmq]	R [m]	C2	β	α
Citerna	CI3066_3	765.4	8.5	0.10	29.77	1.67	2.35	1.01	29.96	0.28	4.2	0.73	6.0	6.0	7.1	0.57	0.44	0.44	0.62	103.11	1.0	1.0
Citerna	CI3066_2	784.0	8.4	0.04	29.51	1.63	2.55	1.01	29.84	0.33	4.1	0.81	4.0	4.0	5.4	0.59	0.33	0.33	0.61	109.00	1.0	1.0
Citerna	CI3066_1	802.7	8.3	0.04	29.45	1.80	2.54	0.89	29.69	0.33	4.2	0.82	4.9	4.9	6.5	0.62	0.38	0.38	0.58	110.41	1.0	1.0
Citerna	CI2066	821.4	8.2	0.00	29.03	1.60	2.86	1.00	29.45	0.42	4.1	0.85	3.4	3.4	4.9	0.58	0.29	0.29	0.58	110.18	1.0	1.0
Citerna	CI4065_A	824.2	8.2	0.00	29.02	1.54	1.28	0.59	29.02	0.08	6.0	0.61	21.1	21.1	21.6	0.46	1.28	1.28	0.59	110.91	1.0	1.0
Citerna	CI4065_B	826.2	8.2	0.00	29.02	1.55	2.12	1.00	29.03	0.23	5.3	9999.99	21.2	21.2	22.4	0.42	1.24	1.24	0.55	169.41	1.0	1.0
Citerna	CI4064_C	831.2	8.2	0.00	28.94	1.55	1.72	1.74	28.95	0.15	4.3	9999.99	22.0	22.0	23.0	0.39	1.11	1.11	0.48	161.78	1.0	1.0
Citerna	CI4064_D	833.2	8.1	0.06	29.02	2.25	1.00	1.00	29.03	0.05	9.9	0.84	26.2	26.2	27.3	0.62	1.54	1.54	0.71	117.95	1.0	1.0
Citerna	CI2063	835.5	8.0	0.07	28.99	2.39	0.76	0.30	29.00	0.03	10.4	1.11	19.8	19.8	21.3	0.73	1.44	1.44	0.86	125.72	1.0	1.0
Citerna	CI3062_8	852.4	7.4	0.14	28.98	2.39	0.78	0.31	28.99	0.03	11.0	0.96	20.9	20.9	22.3	0.68	1.56	1.56	0.77	121.01	1.0	1.0
Citerna	CI3062_6	869.4	6.5	0.48	28.96	2.24	0.87	0.53	28.97	0.04	10.6	0.91	19.3	19.3	20.5	0.67	1.53	1.53	0.75	120.04	1.0	1.0
Citerna	CI3062_5	886.3	6.4	0.41	28.94	2.35	0.85	0.36	28.94	0.04	11.1	0.95	21.1	21.1	22.4	0.68	1.60	1.60	0.78	121.65	1.0	1.0
Citerna	CI3062_3	903.2	6.5	0.48	28.93	2.41	0.82	0.33	28.93	0.03	11.8	0.91	25.9	25.9	27.1	0.69	1.68	1.68	0.77	121.20	1.0	1.0
Citerna	CI4062_A	910.9	6.5	0.02	28.91	2.35	1.20	0.93	28.92	0.07	9.1	1.11	10.2	10.2	11.5	0.79	1.13	1.13	0.98	131.27	1.0	1.0
Citerna	CI4062_B	913.0	6.6	0.00	28.91	2.40	1.39	0.70	28.92	0.10	8.5	1.29	8.0	8.0	10.6	0.80	1.03	1.03	0.98	204.68	1.0	1.0
Citerna	CI4062_C	916.0	6.6	0.00	28.91	2.44	0.90	0.38	28.91	0.04	11.0	1.53	8.0	8.0	10.8	0.89	1.22	1.22	1.13	215.28	1.0	1.0
Citerna	CI4062_D	918.8	6.6	0.00	28.91	2.45	0.80	0.34	28.91	0.03	11.9	1.10	13.4	13.4	14.6	0.85	1.38	1.38	0.99	131.63	1.0	1.0
Citerna	CI3062_1	920.1	6.5	0.17	28.90	2.36	1.07	0.69	28.91	0.06	10.1	1.29	9.0	9.0	10.0	0.86	1.16	1.16	1.15	138.55	1.0	1.0
Citerna	CI2062	937.0	7.1	2.08	28.92	2.61	1.50	0.64	28.93	0.11	17.0	1.63	10.1	11.0	11.9	1.02	1.65	1.65	1.38	112.85	1.0	1.0
Citerna	CI4061_A	964.2	3.5	3.37	29.21	2.87	1.66	1.00	29.21	0.14	20.2	1.90	9.3	9.3	10.2	1.13	1.78	1.78	1.75	124.13	1.0	1.0
Citerna	CI4061_B	966.4	3.5	0.00	29.02	2.95	0.92	0.32	29.04	0.04	10.4	9999.99	3.0	3.0	10.0	1.67	0.61	0.61	0.61	173.96	1.0	1.0
Citerna	CI2060_C	1167.7	3.8	0.00	28.40	2.86	1.69	0.61	28.52	0.15	4.7	9999.99	3.6	3.6	9.7	1.83	0.23	0.23	0.47	160.57	1.0	1.0
Citerna	CI2060	1168.2	3.8	0.00	28.16	2.62	0.66	0.21	28.17	0.02	6.9	1.31	7.3	7.3	9.8	0.92	0.73	0.73	0.79	122.13	1.0	1.0
Citerna	SV2055	1184.4	3.8	0.00	28.16	2.63	0.47	0.14	28.16	0.01	10.6	1.30	9.3	9.3	11.5	0.87	1.21	1.21	1.05	134.14	1.0	1.0
Cortenuova	CO3010_5	3206.7	6.6	0.00	27.83	3.14	0.76	0.22	27.83	0.03	14.7	1.67	7.6	7.6	10.1	1.15	1.27	1.27	1.26	142.72	1.0	1.0
Cortenuova	CO3010_4	3207.7	6.6	0.00	27.83	3.14	0.75	0.22	27.83	0.03	14.7	1.71	7.4	7.4	9.9	1.15	1.27	1.27	1.28	143.60	1.0	1.0
Cortenuova	CO3010_3	3319.4	6.0	0.02	27.83	3.18	0.70	0.20	27.84	0.03	15.5	1.67	7.9	7.9	10.4	1.17	1.32	1.32	1.27	142.98	1.0	1.0
Cortenuova	CO3010_2	3364.9	5.9	0.35	27.83	3.22	0.67	0.18	27.84	0.02	16.5	1.65	9.8	9.8	12.2	1.17	1.40	1.40	1.24	141.74	1.0	1.0
Cortenuova	CO3010_1	3410.3	5.9	0.38	27.84	3.27	0.62	0.16	27.84	0.02	17.7	1.80	8.5	11.9	14.5	1.20	1.46	1.46	1.32	145.05	1.0	1.0
Cortenuova	CO2010	3455.7	12.4	1.55	27.79	3.26	0.85	0.22	27.83	0.04	19.4	1.71	9.2	9.2	11.8	1.21	1.51	1.51	1.28	143.48	1.0	1.0
Cortenuova	CO3009_7	3497.2	12.2	0.26	27.77	3.27	0.88	0.21	27.81	0.04	18.2	1.91	7.4	7.4	10.0	1.22	1.41	1.41	1.41	147.97	1.0	1.0
Cortenuova	CO3009_5	3538.6	12.0	0.23	27.76	3.27	0.86	0.21	27.79	0.04	18.1	1.82	7.9	8.1	10.6	1.20	1.43	1.43	1.36	146.32	1.0	1.0
Cortenuova	CO3009_2	3580.1	11.9	0.08	27.74	3.28	0.84	0.20	27.78	0.04	18.4	1.86	7.8	8.4	11.0	1.21	1.45	1.45	1.39	147.49	1.0	1.0
Cortenuova	CO2009	3621.5	11.7	0.18	27.73	3.29	0.81	0.19	27.76	0.03	19.3	1.81	8.3	8.3	10.8	1.22	1.50	1.50	1.38	147.11	1.0	1.0
Cortenuova	CO3008_8	3657.3	11.7	0.02	27.71	3.26	0.85	0.20	27.75	0.04	18.2	1.84	7.8	7.8	10.4	1.21	1.42	1.42	1.37	146.86	1.0	1.0
Cortenuova	CO2008_7	3693.1	10.6	1.99	27.71	3.25	0.76	0.20	27.73	0.03	18.0	1.63	9.1	10.0	12.2	1.17	1.48	1.48	1.21	138.61	1.0	1.0
Cortenuova	CO2008_6	3696.1	10.6	0.07	27.70	3.25	0.76	0.15	27.73	0.03	20.6	2.78	5.0	5.0	9.9	1.43	1.39	1.39	1.40	145.74	1.0	1.0
Cortenuova	CO2008_B	3696.6	10.6	0.00	27.69	3.24	0.94	0.20	27.73	0.04	19.9	9999.99	5.0	5.0	18.9	1.68	1.13	1.13	1.19	218.57	1.0	1.0
Cortenuova	CO2008_C	3710.5	10.5	0.00	27.65	3.25	1.20	0.29	27.70	0.07	14.3	9999.99	5.1	5.1	19.4	1.50	0.88	0.88	0.90	199.55	1.0	1.0
Cortenuova	CO2008_4	3711.0	10.5	0.01	27.65	3.25	0.95	0.21	27.69	0.05	14.9	2.24	5.1	5.1	10.2	1.22	1.14	1.14	1.12	135.48	1.0	1.0
Cortenuova	CO2008_3	3752.4	10.5	0.00	27.63	3.27	1.03	0.28	27.67	0.05	12.3	1.45	7.6	7.6	10.5	1.03	1.10	1.10	1.05	134.19	1.0	1.0

Tronchi	Sezioni	P [m]	q [m³/s]	s [m³/s]	h [m]	y [m]	V [m/s]	Fr	Et [m]	Ev [m]	Sp [t]	ym [m]	b [m]	bt [m]	B [m]	Pb [m]	A [dmq]	At [dmq]	R [m]	C2	β	α
Cortenuova	CO2008_2	3758.3	10.4	0.18	27.63	3.30	0.95	0.20	27.66	0.05	15.6	2.60	4.3	4.3	9.7	1.34	1.11	1.11	1.15	136.01	1.0	1.0
Cortenuova	CO2008B_	3758.8	10.4	0.00	27.57	3.24	1.43	0.15	27.65	0.10	13.1	9999.99	4.3	4.3	13.1	1.61	0.73	0.73	0.69	182.56	1.0	1.0
Cortenuova	CO2008C_	3768.6	10.4	0.00	27.55	3.22	1.43	0.15	27.64	0.10	12.9	9999.99	4.3	4.3	13.0	1.59	0.73	0.73	0.69	182.56	1.0	1.0
Cortenuova	CO2008_1	3769.1	10.4	0.00	27.59	3.26	0.98	0.20	27.64	0.05	15.4	2.57	4.3	4.3	9.9	1.32	1.09	1.09	1.10	136.43	1.0	1.0
Cortenuova	CO2008_	3775.6	10.4	0.03	27.59	3.29	1.07	0.29	27.64	0.06	12.1	1.42	8.1	8.1	11.1	1.03	1.08	1.08	0.99	131.65	1.0	1.0
Cortenuova	CO3007_8	3819.7	10.1	0.38	27.56	3.29	1.07	0.30	27.60	0.06	11.9	1.33	8.5	8.5	11.5	1.01	1.08	1.08	0.95	129.65	1.0	1.0
Cortenuova	CO3007_6	3863.8	9.8	0.28	27.53	3.29	1.08	0.31	27.57	0.06	11.7	1.31	8.1	8.1	11.1	1.01	1.07	1.07	0.96	130.32	1.0	1.0
Cortenuova	CO3007_5	3907.9	9.8	0.01	27.50	3.29	1.10	0.31	27.54	0.06	11.4	1.42	7.3	7.9	11.0	1.02	1.03	1.03	0.98	131.34	1.0	1.0
Cortenuova	CO3007_3	3952.1	9.7	0.02	27.47	3.30	1.06	0.30	27.51	0.06	11.7	1.35	8.2	8.2	11.3	1.00	1.08	1.08	0.96	130.11	1.0	1.0
Cortenuova	CO3007_1	3996.2	9.5	0.16	27.44	3.29	1.14	0.32	27.48	0.07	11.1	1.28	8.5	8.5	11.6	1.00	1.02	1.02	0.89	126.88	1.0	1.0
Cortenuova	CO2007_	4040.3	9.6	0.27	27.40	3.29	1.20	0.34	27.45	0.07	10.8	1.37	7.7	7.9	11.1	1.00	0.99	0.99	0.92	128.39	1.0	1.0
Cortenuova	CO3006_8	4083.6	9.5	0.18	27.37	3.29	1.22	0.35	27.41	0.08	10.7	1.34	7.6	8.0	11.2	1.00	0.99	0.99	0.90	127.75	1.0	1.0
Cortenuova	CO3006_6	4126.9	9.4	0.00	27.34	3.28	1.23	0.35	27.38	0.08	10.6	1.40	6.9	6.9	10.1	1.01	0.97	0.97	0.96	130.22	1.0	1.0
Cortenuova	CO3006_5	4170.2	9.3	0.00	27.30	3.28	1.25	0.36	27.35	0.08	10.5	1.39	6.9	6.9	10.1	1.01	0.96	0.96	0.95	130.05	1.0	1.0
Cortenuova	CO3006_3	4213.5	9.1	0.00	27.27	3.28	1.28	0.37	27.32	0.08	10.5	1.40	7.2	7.2	10.4	1.01	0.96	0.96	0.95	129.75	1.0	1.0
Cortenuova	CO3006_1	4256.8	9.1	0.01	27.24	3.27	1.32	0.39	27.28	0.09	10.4	1.35	7.5	7.5	10.6	1.00	0.96	0.96	0.93	128.96	1.0	1.0
Cortenuova	CO2006_	4300.1	8.8	1.29	27.21	3.27	1.36	0.41	27.25	0.09	10.3	1.40	6.8	6.8	9.8	1.00	0.95	0.95	0.97	130.84	1.0	1.0
Cortenuova	CO3005_9	4345.6	8.6	0.00	27.19	3.28	1.14	0.38	27.22	0.07	11.7	1.57	7.2	7.2	10.4	0.98	1.12	1.12	1.08	135.40	1.0	1.0
Cortenuova	CO3005_8	4391.2	8.4	0.00	27.18	3.30	0.90	0.34	27.20	0.04	14.0	1.89	6.9	6.9	10.9	1.04	1.30	1.30	1.19	140.01	1.0	1.0
Cortenuova	CO3005_7	4436.7	8.3	0.00	27.17	3.33	0.67	0.26	27.19	0.02	17.1	2.20	6.6	6.6	11.6	1.14	1.46	1.46	1.25	142.41	1.0	1.0
Cortenuova	CO2005_6	4482.3	8.4	0.00	27.17	3.36	0.56	0.13	27.18	0.02	20.7	2.51	6.4	6.4	12.7	1.27	1.59	1.59	1.25	142.47	1.0	1.0
Cortenuova	CO2005_B	4482.8	8.4	0.00	26.71	2.90	2.81	0.30	27.11	0.40	7.1	9999.99	2.2	2.2	7.9	1.59	0.30	0.30	0.44	156.73	1.0	1.0
Cortenuova	CO2005_C	4491.0	8.4	0.00	26.59	2.78	2.81	0.32	26.99	0.40	6.8	9999.99	2.2	2.2	7.9	1.47	0.30	0.30	0.44	156.73	1.0	1.0
Cortenuova	CO2005_5	4491.5	8.4	0.00	26.83	3.02	0.64	0.15	26.85	0.02	15.8	2.18	6.4	6.4	12.0	1.11	1.38	1.38	1.15	138.33	1.0	1.0
Cortenuova	CO3005_4	4536.3	8.4	0.00	26.82	3.04	0.67	0.19	26.84	0.02	14.1	2.00	6.6	6.6	11.4	1.04	1.31	1.31	1.15	138.34	1.0	1.0
Cortenuova	CO3005_3	4581.2	8.4	0.00	26.81	3.06	0.72	0.22	26.83	0.03	12.6	1.81	6.8	6.8	11.0	0.97	1.23	1.23	1.12	137.31	1.0	1.0
Cortenuova	CO3005_2	4626.1	8.4	0.00	26.79	3.08	0.79	0.24	26.81	0.03	11.2	1.62	7.0	7.0	10.6	0.93	1.14	1.14	1.07	135.31	1.0	1.0
Cortenuova	CO3005_1	4670.9	8.4	0.00	26.76	3.08	0.88	0.26	26.79	0.04	10.1	1.42	7.3	7.3	10.3	0.91	1.03	1.03	1.00	132.13	1.0	1.0
Cortenuova	CO3005_0	4715.8	8.4	0.00	26.72	3.08	1.01	0.29	26.77	0.05	9.2	1.31	7.0	7.0	9.8	0.93	0.91	0.91	0.93	128.86	1.0	1.0
Cortenuova	CO2005_	4760.6	8.4	0.00	26.68	3.07	1.13	0.32	26.73	0.06	8.6	1.33	6.1	6.1	9.1	0.94	0.81	0.81	0.90	127.28	1.0	1.0
Cortenuova	CO3004_7	4802.2	8.4	0.00	26.64	3.05	1.14	0.32	26.69	0.07	8.5	1.33	6.1	6.1	9.0	0.94	0.81	0.81	0.89	127.20	1.0	1.0
Cortenuova	CO3004_5	4843.8	8.4	0.00	26.59	3.03	1.15	0.33	26.65	0.07	8.5	1.33	6.0	6.0	9.0	0.95	0.80	0.80	0.89	127.12	1.0	1.0
Cortenuova	CO3004_2	4885.4	8.4	0.00	26.55	3.01	1.16	0.33	26.61	0.07	8.4	1.33	6.0	6.0	8.9	0.95	0.79	0.79	0.89	127.05	1.0	1.0
Cortenuova	CO2004_	4927.0	8.4	0.00	26.51	2.99	1.17	0.33	26.57	0.07	8.4	1.33	5.9	5.9	8.8	0.95	0.79	0.79	0.89	126.90	1.0	1.0
Cortenuova	CO3003_8	4970.5	8.4	0.00	26.47	2.97	1.17	0.34	26.52	0.07	8.2	1.31	6.0	6.0	8.8	0.93	0.78	0.78	0.89	126.95	1.0	1.0
Cortenuova	CO3003_7	5014.0	8.4	0.00	26.42	2.96	1.17	0.34	26.48	0.07	8.1	1.29	6.1	6.1	8.8	0.92	0.79	0.79	0.89	127.01	1.0	1.0
Cortenuova	CO3003_5	5057.5	8.4	0.00	26.38	2.94	1.16	0.34	26.44	0.07	8.0	1.28	6.1	6.1	8.8	0.90	0.79	0.79	0.89	127.03	1.0	1.0
Cortenuova	CO3003_4	5101.0	8.4	0.00	26.33	2.93	1.15	0.34	26.39	0.07	8.0	1.27	6.2	6.2	8.8	0.90	0.79	0.79	0.89	127.05	1.0	1.0
Cortenuova	CO3003_2	5144.5	8.4	0.00	26.29	2.91	1.14	0.33	26.35	0.07	7.9	1.26	6.3	6.3	8.9	0.89	0.79	0.79	0.89	127.05	1.0	1.0
Cortenuova	CO3003_1	5188.0	8.4	0.00	26.25	2.90	1.14	0.33	26.31	0.07	8.0	1.25	6.3	6.3	9.0	0.89	0.80	0.80	0.89	126.93	1.0	1.0
Cortenuova	CO2003_	5231.5	9.4	0.00	26.18	2.86	1.20	0.34	26.25	0.07	8.1	1.24	6.3	6.3	9.0	0.89	0.78	0.78	0.87	126.11	1.0	1.0

Tronchi	Sezioni	P [m]	q [m³/s]	s [m³/s]	h [m]	y [m]	V [m/s]	Fr	Et [m]	Ev [m]	Sp [t]	ym [m]	b [m]	bt [m]	B [m]	Pb [m]	A [dmq]	At [dmq]	R [m]	C2	β	α
Cortenuova	CO3002_8	5280.5	9.4	0.00	26.11	2.80	1.26	0.37	26.19	0.08	7.6	1.21	6.2	6.2	8.6	0.85	0.75	0.75	0.86	125.77	1.0	1.0
Cortenuova	CO3002_6	5329.5	9.4	0.00	26.02	2.73	1.32	0.39	26.11	0.09	7.2	1.18	6.0	6.0	8.4	0.83	0.71	0.71	0.85	124.97	1.0	1.0
Cortenuova	CO3002_4	5378.6	9.4	0.00	25.92	2.64	1.40	0.42	26.02	0.10	6.9	1.16	5.8	5.8	8.1	0.82	0.67	0.67	0.83	123.87	1.0	1.0
Cortenuova	CO3002_2	5427.6	9.4	0.00	25.79	2.52	1.55	0.47	25.91	0.12	6.3	1.11	5.5	5.5	7.9	0.79	0.61	0.61	0.77	120.97	1.0	1.0
Cortenuova	CO2002	5476.6	9.5	0.00	25.12	1.87	2.90	1.06	25.55	0.43	4.9	0.86	3.8	3.8	5.9	0.66	0.33	0.33	0.55	108.21	1.0	1.0
Cortenuova	CO2001_1	5492.6	9.4	0.00	25.24	2.09	1.14	0.42	25.30	0.07	8.5	1.45	5.7	5.7	7.7	0.89	0.83	0.83	1.08	135.60	1.0	1.0
Cortenuova	CO2001__	5498.6	9.4	0.00	25.23	2.08	1.15	0.44	25.30	0.07	8.5	1.45	5.7	5.7	7.7	0.89	0.83	0.83	1.08	135.51	1.0	1.0
Cortenuova	CO2001_B	5499.1	9.4	0.00	24.84	1.69	2.79	0.69	25.24	0.40	5.6	1.69	2.0	2.0	5.4	0.85	0.34	0.34	0.63	176.72	1.0	1.0
Cortenuova	CO2000_C	5504.1	9.4	0.00	24.46	1.32	3.59	1.03	25.12	0.66	5.2	1.32	2.0	2.0	4.6	0.66	0.26	0.26	0.57	170.85	1.0	1.0
Cortenuova	CO2000_9	5504.6	9.4	0.00	24.57	1.44	1.90	0.59	24.76	0.18	5.0	1.07	4.7	4.7	6.0	0.64	0.50	0.50	0.83	124.00	1.0	1.0
Cortenuova	CO2000_8	5505.6	9.4	0.00	24.57	1.44	1.91	0.60	24.75	0.19	5.0	1.06	4.7	4.7	6.0	0.63	0.50	0.50	0.83	123.89	1.0	1.0
Cortenuova	CO2000_7	5507.6	9.4	0.00	24.56	1.44	1.90	0.59	24.74	0.18	5.0	1.07	4.7	4.7	6.0	0.64	0.50	0.50	0.83	123.98	1.0	1.0
Fibbiana	FI2260__	2309.9	7.9	-0.55	27.54	2.19	1.56	0.56	27.66	0.12	4.5	0.82	6.3	6.3	8.6	0.65	0.51	0.51	0.60	111.09	1.0	1.0
Fibbiana	FI2250__	2310.9	7.9	0.00	27.54	2.19	1.61	0.61	27.66	0.13	4.5	0.82	6.2	6.2	8.6	0.65	0.51	0.51	0.59	110.96	1.0	1.0
Fibbiana	FI2230__	2556.9	7.1	0.96	27.06	2.25	1.05	0.32	27.11	0.06	6.0	1.08	6.4	6.4	7.9	0.77	0.69	0.69	0.87	126.15	1.0	1.0
Fibbiana	FI2220__	2622.2	6.2	0.90	26.97	1.97	1.23	0.32	27.04	0.08	4.8	1.47	3.5	11.1	4.9	0.80	0.51	0.70	1.03	133.20	1.0	1.0
Fibbiana	FI2210__	2732.5	6.1	0.67	26.88	1.90	1.19	0.34	26.93	0.07	4.4	1.28	4.2	12.9	5.5	0.72	0.53	0.74	0.97	130.61	1.0	1.0
Fibbiana	FI2200__	2824.9	4.4	2.74	26.88	1.94	0.96	0.34	26.89	0.05	4.5	1.16	5.2	9.0	6.6	0.73	0.60	0.70	0.91	122.85	1.0	1.0
Fibbiana	FI2190__	2880.4	5.6	-1.03	26.85	1.94	0.83	0.26	26.86	0.04	6.3	1.23	6.0	6.0	7.7	0.83	0.74	0.74	0.96	126.27	1.0	1.0
Fibbiana	FI2190_B	2880.9	5.6	0.00	26.79	1.88	1.86	0.45	26.85	0.18	4.6	9999.99	5.2	5.2	12.1	1.24	0.33	0.33	0.56	109.12	1.0	1.0
Fibbiana	FI2180_C	2884.9	5.6	0.00	26.73	1.79	2.07	0.21	26.83	0.22	3.8	9999.99	2.5	2.5	6.6	1.19	0.27	0.27	0.54	107.46	1.0	1.0
Fibbiana	FI2180__	2885.4	5.6	-0.02	26.78	1.84	1.03	0.34	26.80	0.05	5.1	1.24	5.0	9.0	6.5	0.78	0.62	0.71	0.96	126.43	1.0	1.0
Fibbiana	FI2170__	2976.1	4.4	3.17	26.74	1.84	0.68	0.43	26.74	0.02	4.8	1.17	6.0	9.0	6.9	0.69	0.70	0.81	1.01	124.17	1.0	1.0
Fibbiana	FI2160__	3052.5	4.2	0.84	26.79	2.08	0.98	0.49	26.79	0.05	4.5	1.15	5.0	10.1	6.5	0.77	0.58	0.65	0.89	124.72	1.0	1.0
Fibbiana	FI2150__	3135.4	4.3	0.86	26.82	2.14	1.29	1.39	26.82	0.09	4.5	1.18	5.0	6.9	6.5	0.77	0.59	0.61	0.91	128.10	1.0	1.0
Fibbiana	FI2140__	3212.5	4.1	1.85	26.76	2.13	1.22	1.20	26.76	0.08	4.4	1.15	5.0	6.0	6.4	0.76	0.58	0.60	0.89	127.19	1.0	1.0
Fibbiana	FI2130__	3297.1	3.9	1.68	26.72	2.15	-1.11	1.14	26.72	0.06	4.7	1.15	5.3	5.6	6.8	0.77	0.61	0.61	0.89	127.03	1.0	1.0
Fibbiana	FI2120__	3364.3	3.8	1.44	26.69	2.14	-1.02	1.03	26.69	0.05	4.7	1.05	6.0	6.5	7.5	0.74	0.63	0.63	0.84	124.69	1.0	1.0
Fibbiana	FI2110__	3449.8	4.5	3.10	26.65	2.17	-1.01	1.07	26.65	0.05	4.9	1.23	5.0	7.2	6.5	0.77	0.61	0.70	0.95	129.78	1.0	1.0
Fibbiana	FI2100__	3551.7	3.8	2.73	26.75	2.20	-0.97	1.04	26.75	0.05	4.7	1.20	5.0	8.7	6.6	0.78	0.61	0.64	0.91	128.17	1.0	1.0
Fibbiana	FI2090__	3633.4	2.6	5.07	26.82	2.23	-0.89	1.02	26.82	0.04	6.3	1.23	6.0	8.0	7.3	0.85	0.74	0.82	1.02	120.95	1.0	1.0
Fibbiana	FI2080__	3706.6	2.3	1.53	26.85	2.39	-0.92	0.99	26.86	0.04	5.3	1.13	5.8	6.8	7.7	0.80	0.66	0.69	0.86	125.57	1.0	1.0
Fibbiana	FI2070__	3790.5	4.2	0.35	26.73	2.34	-2.99	2.41	26.73	0.45	5.1	1.14	5.6	6.4	7.3	0.81	0.64	0.65	0.88	126.51	1.0	1.0
Fibbiana	FI2060__	3879.7	4.9	0.09	26.63	2.30	-2.87	2.30	26.65	0.42	4.7	1.12	5.1	5.1	7.0	0.81	0.57	0.57	0.81	123.37	1.0	1.0
Fibbiana	FI2050__	3961.1	4.9	0.01	26.58	2.33	-2.62	2.13	26.59	0.35	5.0	1.25	4.5	4.5	6.6	0.87	0.56	0.56	0.84	124.82	1.0	1.0
Fibbiana	FI2040__	4014.3	4.8	0.00	26.63	2.36	-2.53	2.01	26.65	0.33	5.6	1.20	5.4	5.4	7.3	0.86	0.64	0.64	0.88	126.59	1.0	1.0
Fibbiana	FI2030__	4068.8	4.6	0.00	26.62	2.41	-2.57	2.00	26.63	0.34	5.6	1.15	5.6	5.6	7.6	0.85	0.64	0.64	0.85	124.97	1.0	1.0
Fibbiana	FI2020__	4139.9	3.9	0.00	26.69	2.38	-2.96	1.94	26.71	0.45	4.5	1.16	4.6	4.6	6.8	0.80	0.54	0.54	0.78	121.80	1.0	1.0
Fibbiana	FI2013__	4197.0	3.0	0.00	26.75	2.54	-2.36	1.33	26.77	0.28	4.5	1.59	3.0	5.5	6.1	0.90	0.48	0.56	0.79	122.04	1.0	1.0
Fibbiana	FI2012_9	4202.0	3.0	0.00	26.76	2.56	-2.28	1.23	26.77	0.27	4.4	1.57	3.0	6.1	5.9	0.90	0.47	0.57	0.80	122.31	1.0	1.0
Fibbiana	FI2012_B	4202.5	3.0	0.00	26.68	2.48	-2.22	1.18	26.78	0.25	2.7	2.23	0.9	0.9	5.9	1.14	0.20	0.20	0.34	92.39	1.0	1.0

Tronchi	Sezioni	P [m]	q [m³/s]	s [m³/s]	h [m]	y [m]	V [m/s]	Fr	Et [m]	Ev [m]	Sp [t]	ym [m]	b [m]	bt [m]	B [m]	Pb [m]	A [dmq]	At [dmq]	R [m]	C2	β	α
Fibbiana	FI2012_C	4234.0	3.0	0.00	25.49	1.31	3.21	1.77	26.02	0.52	1.5	1.05	0.9	0.9	3.5	0.58	0.09	0.09	0.27	85.21	1.0	1.0
Fibbiana	FI2012	4234.5	3.0	0.00	25.48	1.32	-2.93	1.77	25.82	0.44	1.4	0.74	1.6	1.6	3.7	0.52	0.12	0.12	0.32	89.73	1.0	1.0
Fibbiana	FI2011_9	4236.5	3.0	0.00	25.47	1.31	-2.93	1.77	25.79	0.44	1.4	0.91	1.3	1.3	4.0	0.52	0.12	0.12	0.31	89.09	1.0	1.0
Fibbiana	FI2011_1	4288.4	3.0	0.00	25.42	1.36	-1.81	1.71	25.46	0.17	2.4	1.36	2.3	2.3	5.1	0.68	0.32	0.32	0.63	113.17	1.0	1.0
Fibbiana	FI2011	4290.4	3.0	0.00	25.42	1.36	-1.80	1.71	25.46	0.17	2.4	1.36	2.3	2.3	5.1	0.68	0.32	0.32	0.63	113.18	1.0	1.0
Montecuccoli	MO2330	73.7	2.6	0.00	33.28	2.05	1.78	1.00	33.33	0.16	2.6	1.64	1.6	1.6	5.1	0.91	0.26	0.26	0.51	73.28	1.0	1.0
Montecuccoli	MO2329	74.7	2.5	0.00	33.27	2.09	1.55	0.81	33.31	0.12	2.7	1.65	1.6	1.6	5.2	0.92	0.27	0.27	0.51	73.44	1.0	1.0
Montecuccoli	MO2320	87.7	2.1	0.72	33.29	2.17	-1.32	1.00	33.29	0.09	16.5	1.24	19.1	19.1	19.8	0.70	2.36	2.36	1.20	76.68	1.0	1.0
Montecuccoli	MO2315_B	88.2	2.1	0.00	32.98	1.86	3.40	1.00	33.26	0.59	1.3	9999.99	1.0	1.0	2.9	1.45	0.06	0.06	0.28	134.58	1.0	1.0
Montecuccoli	MO4315_C	205.0	2.2	0.00	29.31	1.02	3.08	1.00	29.61	0.48	0.9	9999.99	1.0	1.0	3.1	0.52	0.08	0.08	0.30	138.66	1.0	1.0
Montecuccoli	MO4315_D	207.0	2.2	0.01	29.36	1.07	1.51	0.98	29.38	0.12	0.7	0.52	4.9	4.9	6.1	0.30	0.20	0.20	0.34	63.81	1.0	1.0
Montecuccoli	MO2290	273.7	1.6	0.81	29.23	1.90	0.59	0.21	29.23	0.02	2.1	0.94	3.6	3.6	4.9	0.61	0.34	0.34	0.69	80.96	1.0	1.0
Montecuccoli	MO2280	323.7	5.9	3.23	29.18	1.80	0.60	0.30	29.19	0.02	7.1	0.80	17.4	17.4	18.2	0.51	1.40	1.40	0.77	63.74	1.0	1.0
Montecuccoli	MO2270	376.7	1.9	4.17	29.15	2.00	0.36	0.17	29.15	0.01	7.0	0.83	14.1	14.1	15.6	0.60	1.17	1.17	0.75	67.51	1.0	1.0
Montecuccoli	MO4260_A	401.9	1.0	0.97	29.10	1.60	1.27	0.68	29.11	0.08	1.5	1.09	2.0	2.0	3.4	0.68	0.22	0.22	0.64	69.47	1.0	1.0
Montecuccoli	MO4260_B	402.9	1.0	0.00	29.11	1.61	1.42	1.01	29.12	0.10	2.0	9999.99	3.5	3.5	6.8	0.90	0.22	0.22	0.33	136.28	1.0	1.0
Montecuccoli	MO4260_C	422.5	1.0	0.00	29.08	2.07	1.03	0.62	29.09	0.05	4.0	9999.99	4.0	4.0	7.3	1.28	0.31	0.31	0.42	136.22	1.0	1.0
Montecuccoli	MO4260_D	423.5	1.0	0.01	29.09	2.08	0.59	0.23	29.10	0.02	3.0	1.41	2.5	2.5	4.2	0.86	0.35	0.35	0.83	74.74	1.0	1.0
Montecuccoli	MO4240_A	426.9	1.0	0.00	29.09	2.13	0.45	0.17	29.10	0.01	3.8	1.48	2.9	2.9	4.6	0.90	0.43	0.43	0.93	78.34	1.0	1.0
Montecuccoli	MO4240_B	427.9	1.1	0.00	29.05	2.09	1.05	0.48	29.08	0.06	1.9	9999.99	3.3	3.3	6.9	1.60	0.12	0.12	0.33	143.09	1.0	1.0
Montecuccoli	MO4240_C	518.4	1.0	0.00	28.77	1.83	1.36	0.17	28.82	0.09	1.1	9999.99	1.0	1.0	3.1	1.33	0.08	0.08	0.30	138.07	1.0	1.0
Montecuccoli	MO4240_D	521.5	1.0	0.03	28.71	1.77	0.29	0.12	28.71	0.00	4.7	0.99	7.1	7.1	7.8	0.67	0.70	0.70	0.90	79.98	1.0	1.0
Montecuccoli	MO4220	547.6	1.6	1.55	28.71	1.74	0.40	0.16	28.71	0.01	4.7	0.98	7.1	7.7	7.9	0.68	0.69	0.73	0.88	86.91	1.0	1.0
Montecuccoli	MO4220_B	550.1	1.6	0.00	28.68	1.76	1.40	0.38	28.70	0.10	1.3	9999.99	1.2	1.2	3.8	1.16	0.11	0.11	0.36	147.21	1.0	1.0
Montecuccoli	MO4220_C	674.4	1.6	0.00	28.53	1.68	1.95	1.00	28.55	0.19	1.4	9999.99	3.0	3.0	6.8	1.06	0.12	0.12	0.36	147.21	1.0	1.0
Montecuccoli	SA2016	677.0	1.6	0.00	28.55	1.86	0.34	0.15	28.55	0.01	7.0	1.23	7.4	7.4	8.6	0.77	0.91	0.91	1.06	93.44	1.0	1.0
Rio_Grande_monte	RG2044	1093.4	29.1	0.00	41.94	1.55	3.37	1.00	42.52	0.58	15.9	1.16	7.5	7.5	8.6	0.69	0.86	0.86	1.01	91.95	1.0	1.0
Rio_Grande_monte	RG4044B	1103.9	29.1	0.00	42.09	1.71	2.00	0.49	42.29	0.20	18.3	1.71	8.5	8.5	11.9	0.85	1.45	1.45	1.22	220.45	1.0	1.0
Rio_Grande_monte	RG4044C	1118.6	29.0	0.00	42.03	1.62	2.11	0.53	42.26	0.23	17.4	1.62	8.5	8.5	11.7	0.81	1.38	1.38	1.17	217.68	1.0	1.0
Rio_Grande_monte	RG4044D	1120.6	29.0	0.00	41.71	1.44	3.07	1.00	42.19	0.48	14.5	0.96	9.8	9.8	10.4	0.58	0.94	0.94	0.91	88.74	1.0	1.0
Rio_Grande_monte	RG4042_M	1158.9	28.9	0.00	41.20	1.34	3.05	1.00	41.68	0.47	14.2	0.95	10.0	10.0	10.6	0.55	0.95	0.95	0.90	88.43	1.0	1.0
Rio_Grande_monte	RG3042_8	1205.9	28.7	0.00	40.66	1.84	3.04	1.00	40.97	0.47	15.2	1.10	10.7	10.7	11.4	0.69	1.18	1.18	1.03	92.79	1.0	1.0
Rio_Grande_monte	RG4042_N	1231.3	28.4	0.00	40.58	2.01	3.15	1.00	40.81	0.51	16.8	1.18	11.5	11.5	12.5	0.79	1.36	1.36	1.08	94.19	1.0	1.0
Rio_Grande_monte	RG3042_7	1252.6	28.2	0.00	40.49	2.27	2.69	0.89	40.69	0.37	17.9	1.36	10.7	10.7	11.8	0.85	1.45	1.45	1.23	98.24	1.0	1.0
Rio_Grande_monte	RG3042_6	1299.4	27.9	0.00	39.54	1.92	3.52	1.00	40.17	0.63	15.9	1.26	6.3	6.3	7.7	0.74	0.79	0.79	1.03	92.57	1.0	1.0
Rio_Grande_monte	RG3042_5	1346.1	27.7	0.00	38.93	1.91	3.41	1.00	39.53	0.59	15.6	1.18	6.9	6.9	8.3	0.73	0.81	0.81	0.98	91.18	1.0	1.0
Rio_Grande_monte	RG3042_4	1392.8	27.6	0.00	38.33	1.91	3.31	1.00	38.89	0.56	15.1	1.12	7.4	7.4	8.5	0.70	0.83	0.83	0.99	91.28	1.0	1.0
Rio_Grande_monte	RG4042_O	1432.3	27.6	0.07	38.10	2.46	2.42	0.63	38.37	0.30	18.6	1.54	8.0	8.0	10.4	1.01	1.21	1.21	1.16	96.28	1.0	1.0
Rio_Grande_monte	RG3042_2	1486.3	27.4	0.03	37.41	2.19	3.39	1.00	37.89	0.59	16.0	1.31	6.8	6.8	8.3	0.83	0.89	0.89	1.08	94.18	1.0	1.0
Rio_Grande_monte	RG3042_1	1533.0	27.3	0.06	37.05	2.43	3.13	0.99	37.42	0.50	16.6	1.24	8.8	8.8	10.4	0.90	1.02	1.02	1.02	92.49	1.0	1.0
Rio_Grande_monte	RG3042_0	1579.7	27.1	0.04	36.70	2.68	2.67	1.00	37.04	0.36	18.1	1.61	6.7	7.0	9.3	1.04	1.05	1.05	1.16	96.45	1.0	1.0

Tronchi	Sezioni	P [m]	q [m³/s]	s [m³/s]	h [m]	y [m]	V [m/s]	Fr	Et [m]	Ev [m]	Sp [t]	ym [m]	b [m]	bt [m]	B [m]	Pb [m]	A [dmq]	At [dmq]	R [m]	C2	β	α
Rio_Grande_monte	RG2042__	1626.5	27.7	0.49	36.52	3.10	2.25	0.58	36.75	0.26	21.2	1.57	8.3	9.0	11.4	1.16	1.30	1.30	1.17	96.71	1.0	1.0
Rio_Grande_monte	RG3041_6	1660.8	26.9	0.89	36.39	3.03	2.10	0.60	36.59	0.23	20.5	1.50	9.0	9.0	10.9	1.11	1.35	1.35	1.24	92.57	1.0	1.0
Rio_Grande_monte	RG3041_3	1695.1	27.0	0.00	35.74	2.45	3.30	0.87	36.30	0.55	16.7	1.49	5.5	5.5	7.5	0.93	0.82	0.82	1.08	94.22	1.0	1.0
Rio_Grande_monte	RG2041__	1729.4	27.1	0.00	35.64	2.41	2.82	0.82	35.94	0.40	16.2	1.24	8.7	8.7	10.3	0.91	1.07	1.07	1.04	93.08	1.0	1.0
Rio_Grande_valle	RG2041__	1729.4	30.3	0.17	35.64	2.41	3.06	0.89	36.04	0.48	18.4	1.24	8.7	8.7	10.3	0.91	1.07	1.07	1.04	134.03	1.0	1.0
Rio_Grande_valle	RG3040_8	1802.2	28.7	3.24	34.96	2.10	3.16	1.00	35.42	0.51	16.7	1.23	7.7	9.0	10.2	0.84	0.95	0.95	0.94	120.81	1.0	1.0
Rio_Grande_valle	RG3040_6	1845.0	28.0	1.61	34.60	2.10	3.20	1.01	35.01	0.52	16.0	1.22	7.9	7.9	9.0	0.83	0.97	0.97	1.07	123.54	1.0	1.0
Rio_Grande_valle	RG3040_4	1887.8	27.3	0.78	34.15	2.02	3.18	1.00	34.60	0.51	15.3	1.03	10.0	10.0	11.3	0.77	0.92	0.92	0.84	124.50	1.0	1.0
Rio_Grande_valle	RG3040_2	1930.6	26.4	1.16	33.66	1.90	3.01	1.09	34.08	0.46	14.5	1.00	9.1	9.1	10.2	0.75	0.91	0.91	0.89	120.67	1.0	1.0
Rio_Grande_valle	RG2040__	1973.4	25.6	1.16	33.29	1.90	2.90	0.97	33.70	0.43	14.5	1.14	8.0	8.0	9.0	0.79	0.90	0.90	1.01	124.06	1.0	1.0
Rio_Grande_valle	RG2039__	2003.4	26.0	0.24	32.96	1.75	3.17	1.06	33.47	0.51	14.1	1.04	7.9	7.9	9.0	0.70	0.82	0.82	0.92	128.28	1.0	1.0
Rio_Grande_valle	RG2038__	2033.4	25.1	0.93	32.92	2.06	2.92	1.09	33.25	0.43	15.5	1.42	7.0	7.0	8.4	0.91	0.99	0.99	1.18	128.94	1.0	1.0
Rio_Grande_valle	RG2037__	2063.4	24.2	1.49	32.74	2.43	2.62	0.80	33.04	0.35	15.7	1.26	7.9	7.9	9.8	0.97	1.00	1.00	1.03	124.77	1.0	1.0
Rio_Grande_valle	RG2036__	2093.4	23.4	1.03	32.44	2.25	2.88	0.79	32.82	0.42	14.6	1.51	5.7	7.9	10.0	0.94	0.86	0.86	0.88	126.56	1.0	1.0
Rio_Grande_valle	RG2035__	2123.4	22.4	1.32	32.34	2.16	2.74	0.99	32.61	0.38	13.4	1.19	7.9	7.9	9.6	0.88	0.94	0.94	0.99	128.09	1.0	1.0
Rio_Grande_valle	RG2034__	2145.3	21.8	0.38	32.21	2.23	2.98	1.00	32.52	0.45	13.6	1.36	7.9	8.3	10.2	0.92	0.88	0.88	0.96	130.37	1.0	1.0
Rio_Grande_valle	RG2034_B	2145.8	21.8	0.00	31.66	1.68	3.86	1.09	32.42	0.76	12.8	1.62	4.4	4.4	7.2	0.75	0.56	0.56	0.89	198.84	1.0	1.0
Rio_Grande_valle	RG2033_C	2186.8	21.6	0.00	31.37	2.00	2.74	0.83	31.67	0.38	13.1	1.76	4.9	4.9	7.8	0.90	0.87	0.87	1.12	214.58	1.0	1.0
Rio_Grande_valle	RG2033__	2187.3	21.6	0.00	31.42	2.05	2.45	0.84	31.64	0.31	13.3	1.51	6.6	6.6	8.4	0.87	1.00	1.00	1.19	140.16	1.0	1.0
Rio_Grande_valle	RG2032__	2213.8	21.3	0.00	31.35	2.16	2.27	0.99	31.55	0.26	14.2	1.60	6.7	6.7	8.7	0.92	1.08	1.08	1.25	142.25	1.0	1.0
Rio_Grande_valle	RG2031__	2243.8	21.6	0.00	31.33	2.38	1.77	0.55	31.46	0.16	17.2	1.75	7.8	7.8	9.8	1.01	1.36	1.36	1.39	147.39	1.0	1.0
Rio_Grande_valle	RG2030__	2267.0	21.8	0.00	31.27	2.32	2.01	0.55	31.42	0.21	16.6	1.71	7.2	7.2	9.9	1.04	1.24	1.24	1.25	142.35	1.0	1.0
Rio_Grande_valle	RG2030_B	2267.5	21.8	0.00	31.15	2.20	2.34	0.59	31.39	0.28	15.4	9999.99	5.0	5.0	13.5	1.11	0.95	0.95	1.11	213.84	1.0	1.0
Rio_Grande_valle	RG2029_C	2291.5	21.9	0.00	31.07	2.17	2.32	0.55	31.32	0.28	15.4	9999.99	5.0	5.0	13.7	1.05	0.99	0.99	1.13	214.98	1.0	1.0
Rio_Grande_valle	RG2029__	2292.0	21.9	0.00	31.10	2.20	2.10	0.53	31.29	0.23	15.8	1.90	6.0	6.0	9.0	1.01	1.13	1.13	1.26	142.51	1.0	1.0
Rio_Grande_valle	RG2028__	2306.0	22.0	0.00	31.07	2.16	2.19	0.79	31.27	0.24	15.2	1.67	6.7	6.7	9.0	0.96	1.12	1.12	1.25	142.33	1.0	1.0
Rio_Grande_valle	RG2027__	2332.4	28.4	0.03	30.84	2.16	2.53	1.07	31.17	0.33	17.8	1.42	7.9	8.7	10.5	0.93	1.12	1.12	1.15	138.58	1.0	1.0
Rio_Grande_valle	RG2026__	2341.4	28.5	0.00	30.54	2.51	3.47	1.00	31.09	0.61	16.9	1.24	7.6	9.1	11.5	0.84	0.86	0.86	0.88	126.49	1.0	1.0
Rio_Grande_valle	RG2025_5	2342.2	28.5	0.00	30.53	2.03	3.38	1.09	31.03	0.58	16.3	1.17	9.0	9.0	10.4	0.79	0.91	0.91	0.97	130.69	1.0	1.0
Rio_Grande_valle	RG2025__	2343.4	28.5	0.00	29.43	3.56	1.60	0.39	29.55	0.13	31.0	2.09	9.1	9.1	11.4	1.41	1.90	1.90	1.66	146.63	1.0	1.0
Rio_Grande_valle	RG2024__	2347.4	28.0	0.51	29.44	3.58	1.43	0.34	29.54	0.10	35.3	3.25	6.1	8.0	9.4	1.57	1.99	1.99	2.11	131.23	1.0	1.0
Rio_Grande_valle	RG2023__	2350.5	27.8	0.32	29.44	3.58	1.42	0.35	29.54	0.10	35.3	3.38	5.9	8.0	9.5	1.58	1.99	1.99	2.09	129.20	1.0	1.0
Rio_Grande_valle	RG2022__	2442.4	22.9	8.81	29.39	3.68	1.11	0.34	29.46	0.06	35.2	2.57	8.0	8.0	9.5	1.58	2.06	2.06	2.17	134.33	1.0	1.0
Rio_Grande_valle	RG2021__	2444.9	22.8	0.39	29.40	3.69	1.04	0.20	29.45	0.06	39.3	2.73	8.0	8.0	10.5	1.68	2.19	2.19	2.08	135.06	1.0	1.0
Rio_Grande_valle	RG2021_B	2445.4	22.8	0.00	29.09	3.38	2.46	0.98	29.40	0.31	27.5	9999.99	5.8	5.8	14.5	2.35	0.92	0.92	0.64	175.17	1.0	1.0
Rio_Grande_valle	RG2020_C	2455.4	22.8	0.00	28.67	2.96	3.36	1.00	29.25	0.58	22.5	9999.99	5.8	5.8	14.5	2.15	0.68	0.68	0.61	175.17	1.0	1.0
Rio_Grande_valle	RG2020__	2455.9	22.8	-0.04	28.47	2.76	1.86	0.41	28.64	0.18	19.9	2.13	5.8	5.8	8.5	1.27	1.23	1.23	1.46	136.36	1.0	1.0
Rio_Grande_valle	RG2019__	2458.4	22.8	0.08	28.48	2.77	1.71	0.40	28.63	0.15	19.1	1.91	7.0	8.0	9.5	1.14	1.33	1.33	1.41	127.67	1.0	1.0
Rio_Grande_valle	RG2018__	2668.7	14.9	9.69	28.39	3.01	1.10	0.28	28.42	0.06	17.4	1.74	8.5	8.5	10.3	1.11	1.47	1.47	1.43	148.94	1.0	1.0
Rio_Grande_valle	RG2017__	2776.7	20.4	5.55	28.26	3.04	1.34	0.33	28.35	0.09	20.0	1.73	8.9	8.9	10.7	1.12	1.53	1.53	1.42	148.58	1.0	1.0
Rio_Grande_valle	RG2016__	2779.9	20.3	0.09	28.25	3.03	1.36	0.32	28.34	0.09	21.6	1.87	8.0	8.0	11.3	1.26	1.50	1.50	1.33	145.23	1.0	1.0

Tronchi	Sezioni	P [m]	q [m³/s]	s [m³/s]	h [m]	y [m]	V [m/s]	Fr	Et [m]	Ev [m]	Sp [t]	ym [m]	b [m]	bt [m]	B [m]	Pb [m]	A [dmq]	At [dmq]	R [m]	C2	β	α
Rio_Grande_valle	RG2016_B	2780.4	20.3	0.00	28.11	2.89	2.17	0.58	28.31	0.24	18.3	9999.99	6.6	6.6	17.4	1.49	0.96	0.96	0.92	200.58	1.0	1.0
Rio_Grande_valle	RG2015_C	2810.2	20.3	0.00	28.01	2.91	2.09	0.56	28.16	0.22	19.0	9999.99	7.2	7.2	19.2	1.52	1.05	1.05	1.01	206.99	1.0	1.0
Rio_Grande_valle	RG2015__	2810.7	20.3	0.00	28.06	2.96	1.45	0.35	28.14	0.11	21.0	1.88	8.3	8.3	12.1	1.29	1.45	1.45	1.21	140.93	1.0	1.0
Rio_Grande_valle	RG2014__	2811.4	16.1	4.37	28.07	2.96	1.29	0.33	28.14	0.09	17.0	1.66	8.5	8.5	10.9	1.15	1.32	1.32	1.23	141.73	1.0	1.0
Rio_Grande_valle	RG2013__	2862.5	16.0	0.25	28.07	3.02	0.92	0.28	28.10	0.04	19.0	1.18	17.8	20.9	22.7	0.92	1.94	1.94	0.99	131.52	1.0	1.0
Rio_Grande_valle	RG2012__	2890.6	14.9	1.19	28.04	3.03	1.09	0.32	28.08	0.06	16.6	1.22	14.0	15.9	17.7	0.99	1.54	1.54	1.02	133.12	1.0	1.0
Rio_Grande_valle	RG2011__	2891.1	14.9	0.00	28.03	3.03	1.10	0.30	28.08	0.06	19.4	1.65	11.8	12.6	16.0	1.21	1.49	1.49	1.07	134.92	1.0	1.0
Rio_Grande_valle	RG2011_B	2891.6	14.9	0.00	27.93	2.93	1.88	0.52	28.06	0.18	17.6	9999.99	5.8	5.8	16.4	1.73	0.89	0.89	0.91	199.90	1.0	1.0
Rio_Grande_valle	RG2010_C	2896.4	14.9	0.00	27.91	2.91	1.93	0.54	28.05	0.19	17.3	9999.99	5.8	5.8	16.4	1.72	0.88	0.88	0.91	199.89	1.0	1.0
Rio_Grande_valle	RG2010__	2896.9	14.9	0.00	27.96	2.96	1.22	0.28	28.02	0.08	19.0	2.15	6.3	8.1	11.4	1.30	1.34	1.34	1.20	140.20	1.0	1.0
Rio_Grande_valle	RG2009__	2899.1	14.9	0.06	27.97	2.97	1.08	0.27	28.01	0.06	18.3	1.86	8.0	8.0	10.5	1.14	1.50	1.50	1.43	148.84	1.0	1.0
Rio_Grande_valle	RG2008__	3047.5	12.8	5.36	27.91	2.91	1.15	0.39	27.95	0.07	15.7	1.58	9.3	9.3	11.9	0.99	1.47	1.47	1.23	141.62	1.0	1.0
Rio_Grande_valle	RG2007__	3072.1	12.6	0.84	27.89	2.94	1.13	0.33	27.94	0.06	15.6	1.59	8.6	8.6	10.4	1.05	1.37	1.37	1.32	144.88	1.0	1.0
Rio_Grande_valle	RG2006__	3081.8	12.6	0.00	27.90	3.00	0.87	0.31	27.93	0.04	18.0	1.76	8.9	8.9	11.9	1.09	1.57	1.57	1.32	144.87	1.0	1.0
Rio_Grande_valle	RG2006_B	3082.3	12.6	0.00	27.88	2.98	0.99	0.31	27.93	0.05	17.5	9999.99	7.4	7.4	17.7	1.28	1.27	1.27	1.22	220.58	1.0	1.0
Rio_Grande_valle	RG2005_C	3099.0	12.6	0.00	27.86	2.71	1.03	0.36	27.91	0.05	16.5	9999.99	7.4	7.4	17.3	1.24	1.22	1.22	1.23	221.19	1.0	1.0
Rio_Grande_valle	RG2005__	3099.5	12.6	0.00	27.87	2.72	0.90	0.36	27.91	0.04	16.9	1.71	8.8	8.8	11.4	1.05	1.50	1.50	1.32	144.98	1.0	1.0
Rio_Grande_valle	RG2004__	3123.0	12.0	2.67	27.87	2.95	0.94	0.31	27.89	0.04	20.2	1.34	14.0	14.0	15.4	1.04	1.88	1.88	1.22	126.97	1.0	1.0
Rio_Grande_valle	RG2003__	3144.5	11.7	1.38	27.87	3.16	0.80	0.27	27.89	0.03	21.8	1.22	17.7	17.7	19.2	0.98	2.16	2.16	1.12	133.15	1.0	1.0
Rio_Grande_valle	RG2002__	3173.3	11.6	0.87	27.84	3.11	0.91	0.20	27.88	0.04	19.9	2.38	5.5	6.2	11.5	1.44	1.32	1.32	1.15	135.20	1.0	1.0
Rio_Grande_valle	RG2002_B	3173.8	11.6	0.00	27.84	3.11	1.12	0.29	27.87	0.06	19.4	9999.99	6.2	6.2	18.8	1.72	1.08	1.08	1.10	212.88	1.0	1.0
Rio_Grande_valle	RG2001_C	3196.2	11.6	0.00	27.83	3.10	1.15	0.30	27.85	0.07	18.9	9999.99	6.2	6.2	18.8	1.72	1.07	1.07	1.10	213.03	1.0	1.0
Rio_Grande_valle	RG2001__	3196.7	11.6	0.00	27.83	3.10	0.92	0.20	27.85	0.04	19.2	2.37	5.5	6.2	11.5	1.44	1.31	1.31	1.14	135.19	1.0	1.0
Rio_Grande_valle	RG2000_5	3201.7	11.6	0.00	27.83	3.10	0.92	0.20	27.85	0.04	19.2	2.37	5.5	6.2	11.5	1.44	1.31	1.31	1.14	135.19	1.0	1.0
Rio_Grande_valle	CO3010_5	3206.7	11.6	0.00	27.83	3.14	0.98	0.27	27.84	0.05	15.1	1.67	7.6	7.6	10.1	1.15	1.27	1.27	1.26	142.72	1.0	1.0
Sammontana_monte	SA1008__	-338.4	15.0	0.00	47.68	1.51	2.80	1.00	47.95	0.40	7.1	0.89	7.0	7.0	8.8	0.57	0.62	0.62	0.70	81.54	1.0	1.0
Sammontana_monte	SA1007__	-308.4	14.8	0.00	47.11	1.73	2.48	1.00	47.28	0.31	7.9	1.09	7.5	8.5	8.9	0.64	0.82	0.82	0.92	89.22	1.0	1.0
Sammontana_monte	SA1006__	-276.5	13.8	0.79	47.24	2.60	2.60	1.00	47.28	0.34	16.5	1.68	9.0	9.0	10.8	1.00	1.51	1.51	1.40	90.42	1.0	1.0
Sammontana_monte	SA1005A__	-258.3	12.9	0.89	47.11	2.76	1.66	1.00	47.14	0.14	17.0	2.02	6.3	6.3	7.8	1.27	1.28	1.28	1.63	86.86	1.0	1.0
Sammontana_monte	SA1005B__	-256.8	12.9	0.00	46.64	2.29	5.20	1.01	47.02	1.38	10.5	9999.99	3.5	3.5	11.7	1.46	0.47	0.47	0.41	152.51	1.0	1.0
Sammontana_monte	SA1005C__	-254.3	12.9	0.00	46.36	2.06	5.19	1.01	46.91	1.38	9.6	2.76	3.5	3.5	12.0	1.35	0.39	0.39	0.40	152.50	1.0	1.0
Sammontana_monte	SA1005D__	-252.7	12.9	-0.01	45.66	1.36	3.11	1.01	46.13	0.49	6.7	0.99	4.4	4.4	5.9	0.62	0.42	0.42	0.71	81.85	1.0	1.0
Sammontana_monte	SA1004__	-151.9	12.9	1.20	43.83	1.88	1.60	1.00	43.93	0.13	9.0	1.52	5.9	7.1	7.8	0.79	0.90	0.90	1.15	78.78	1.0	1.0
Sammontana_monte	SA1003A__	-142.2	12.9	0.00	43.79	2.01	1.48	0.51	43.90	0.11	9.4	1.43	6.1	6.1	6.8	0.85	0.87	0.87	1.29	80.36	1.0	1.0
Sammontana_monte	SA1003B__	-139.6	12.9	0.00	43.28	1.52	3.14	1.99	43.78	0.50	7.6	9999.99	4.0	4.0	5.5	0.86	0.41	0.41	0.75	101.70	1.0	1.0
Sammontana_monte	SA1003C__	-135.4	12.8	0.00	43.23	1.49	2.92	2.23	43.57	0.43	7.3	9999.99	5.0	5.0	6.5	0.84	0.48	0.48	0.74	103.08	1.0	1.0
Sammontana_monte	SA1003D__	-133.0	12.8	0.14	43.38	1.68	2.73	1.01	43.52	0.38	6.1	1.05	6.1	6.1	6.7	0.68	0.64	0.64	0.94	66.70	1.0	1.0
Sammontana_monte	SA1002__	-87.9	11.9	1.15	42.20	1.32	2.87	1.02	42.43	0.42	5.4	1.05	4.9	4.9	5.2	0.57	0.51	0.51	0.98	76.93	1.0	1.0
Sammontana_monte	SA1001A__	-12.7	9.4	2.89	40.96	1.82	2.76	1.02	41.10	0.39	5.6	1.07	5.1	5.1	6.2	0.74	0.54	0.54	0.87	78.86	1.0	1.0
Sammontana_monte	SA1001B__	-7.3	9.4	0.00	40.50	1.38	3.96	1.00	40.92	0.80	5.1	9999.99	3.2	3.2	7.5	0.93	0.25	0.25	0.41	153.74	1.0	1.0
Sammontana_monte	SA1001C__	2.6	9.5	0.00	40.13	1.24	3.97	1.00	40.63	0.80	5.1	9999.99	3.1	3.1	7.3	0.78	0.25	0.25	0.41	153.71	1.0	1.0



Tronchi	Sezioni	P [m]	q [m³/s]	s [m³/s]	h [m]	y [m]	V [m/s]	Fr	Et [m]	Ev [m]	Sp [t]	ym [m]	b [m]	bt [m]	B [m]	Pb [m]	A [dmq]	At [dmq]	R [m]	C2	β	α
Sammontana_monte	SA1001D_	7.4	9.5	0.04	40.12	1.36	2.53	1.02	40.36	0.33	4.2	0.71	6.1	6.1	6.7	0.51	0.43	0.43	0.65	76.66	1.0	1.0
Sammontana_monte	SA2031_	22.0	9.6	0.01	39.93	1.44	2.78	1.00	40.05	0.39	4.4	0.94	5.2	5.2	6.5	0.59	0.49	0.49	0.76	83.58	1.0	1.0
Sammontana_monte	SA3030_5	34.5	9.7	0.07	39.73	1.47	2.51	1.02	39.94	0.32	4.3	0.72	6.3	6.3	7.0	0.50	0.45	0.45	0.65	79.28	1.0	1.0
Sammontana_monte	SA2030	47.0	9.9	0.02	39.47	1.46	2.75	1.01	39.75	0.39	4.6	0.84	4.9	4.9	5.8	0.54	0.41	0.41	0.71	81.77	1.0	1.0
Sammontana_monte	SA3029_7	59.8	9.8	0.16	39.31	1.59	2.71	1.00	39.46	0.37	4.4	0.93	5.1	5.1	5.9	0.56	0.47	0.47	0.81	85.34	1.0	1.0
Sammontana_monte	SA3029_5	72.5	9.9	0.14	39.20	1.68	2.30	0.99	39.34	0.27	4.6	0.87	6.0	6.0	6.8	0.60	0.52	0.52	0.76	81.27	1.0	1.0
Sammontana_monte	SA3029_2	85.3	10.0	0.20	39.11	1.70	2.59	1.00	39.26	0.34	4.7	0.85	5.9	5.9	6.9	0.61	0.50	0.50	0.73	79.57	1.0	1.0
Sammontana_monte	SA2029	98.0	9.9	0.12	38.83	1.58	2.68	1.02	39.20	0.37	4.8	0.74	5.0	5.0	6.1	0.56	0.37	0.37	0.61	76.85	1.0	1.0
Sammontana_monte	SA3028_8	112.3	9.6	0.83	38.56	1.59	2.08	0.98	38.69	0.22	4.4	0.90	5.9	5.9	6.6	0.58	0.53	0.53	0.81	77.12	1.0	1.0
Sammontana_monte	SA3028_7	126.5	9.5	0.39	38.43	1.63	2.42	1.00	38.61	0.30	4.4	0.90	5.1	5.1	5.9	0.57	0.45	0.45	0.77	83.56	1.0	1.0
Sammontana_monte	SA3028_6	140.8	9.5	0.13	38.17	1.47	2.69	1.02	38.54	0.37	4.4	0.75	4.7	4.7	5.6	0.52	0.35	0.35	0.63	78.75	1.0	1.0
Sammontana_monte	SA3028_5	155.0	9.4	0.15	37.87	1.39	2.49	1.00	38.18	0.32	4.2	0.64	6.0	6.0	6.7	0.49	0.38	0.38	0.56	74.64	1.0	1.0
Sammontana_monte	SA3028_3	169.3	9.4	0.07	37.63	1.43	2.73	1.02	38.01	0.38	4.4	0.77	4.5	4.5	5.3	0.53	0.34	0.34	0.65	78.87	1.0	1.0
Sammontana_monte	SA3028_2	183.5	9.4	0.12	37.32	1.43	2.70	1.00	37.67	0.37	4.4	0.78	4.6	5.0	5.9	0.53	0.36	0.36	0.61	75.70	1.0	1.0
Sammontana_monte	SA3028_1	197.8	9.3	0.16	37.08	1.42	2.81	1.00	37.49	0.40	4.4	0.82	4.0	4.0	4.9	0.54	0.33	0.33	0.68	76.05	1.0	1.0
Sammontana_monte	SA2028	212.0	9.2	0.24	36.90	1.38	2.81	1.00	37.29	0.40	4.3	0.84	4.0	4.0	4.7	0.51	0.33	0.33	0.71	79.96	1.0	1.0
Sammontana_monte	SA3027_8	226.2	9.1	0.19	36.83	1.49	2.56	0.86	37.11	0.33	4.3	0.95	4.0	4.0	4.7	0.57	0.38	0.38	0.80	81.87	1.0	1.0
Sammontana_monte	SA3027_6	240.3	9.1	0.15	36.67	1.40	2.59	1.00	37.00	0.34	4.2	0.72	5.0	5.0	5.8	0.52	0.36	0.36	0.62	74.18	1.0	1.0
Sammontana_monte	SA3027_5	254.5	9.1	0.08	36.52	1.37	2.62	1.00	36.84	0.35	4.1	0.73	5.0	5.0	5.6	0.48	0.36	0.36	0.64	79.07	1.0	1.0
Sammontana_monte	SA3027_3	268.7	9.0	0.12	36.28	1.33	2.79	1.01	36.67	0.40	4.1	0.80	4.0	4.0	4.7	0.49	0.32	0.32	0.69	80.63	1.0	1.0
Sammontana_monte	SA3027_1	282.9	9.0	0.06	36.05	1.31	2.59	1.01	36.39	0.34	4.0	0.69	5.0	5.0	5.6	0.46	0.35	0.35	0.62	77.64	1.0	1.0
Sammontana_monte	SA2027	297.0	8.9	0.09	35.79	1.31	2.78	1.02	36.18	0.39	4.1	0.80	4.0	4.0	4.7	0.50	0.32	0.32	0.68	79.25	1.0	1.0
Sammontana_monte	SA3026_8	310.5	8.8	0.35	35.57	1.38	2.54	1.00	35.90	0.33	4.1	0.87	4.0	4.0	4.6	0.52	0.35	0.35	0.75	78.06	1.0	1.0
Sammontana_monte	SA3026_6	324.0	8.8	0.05	35.37	1.34	2.71	1.00	35.74	0.38	4.0	0.78	4.2	5.0	5.8	0.50	0.33	0.33	0.58	76.29	1.0	1.0
Sammontana_monte	SA3026_5	337.5	8.8	0.15	35.23	1.45	2.47	0.93	35.51	0.31	4.1	0.75	5.0	5.0	5.8	0.54	0.37	0.37	0.64	75.61	1.0	1.0
Sammontana_monte	SA3026_3	351.0	8.6	0.42	35.15	1.45	2.16	0.94	35.38	0.24	4.2	0.79	5.0	5.0	5.8	0.58	0.40	0.40	0.69	69.77	1.0	1.0
Sammontana_monte	SA3026_1	364.5	8.5	0.36	35.05	1.46	2.24	1.00	35.31	0.26	4.2	0.94	4.0	4.0	4.8	0.59	0.38	0.38	0.80	75.06	1.0	1.0
Sammontana_monte	SA2026	378.0	8.5	0.11	34.79	1.34	2.72	1.00	35.17	0.38	4.0	0.77	4.0	4.0	4.9	0.53	0.31	0.31	0.63	73.99	1.0	1.0
Sammontana_monte	SA3025_5	393.0	8.3	0.17	34.78	1.54	2.25	1.00	34.97	0.26	4.2	0.86	4.9	4.9	5.8	0.60	0.42	0.42	0.73	75.81	1.0	1.0
Sammontana_monte	SA2025	408.0	8.3	0.17	34.35	1.27	2.97	0.99	34.80	0.45	4.0	0.92	3.0	3.0	3.8	0.54	0.28	0.28	0.73	75.66	1.0	1.0
Sammontana_monte	SA3024_7	423.0	8.2	0.14	34.17	1.24	2.68	1.00	34.54	0.37	3.7	0.75	4.0	4.0	4.6	0.48	0.31	0.31	0.66	73.92	1.0	1.0
Sammontana_monte	SA3024_5	438.0	8.0	0.27	34.16	1.38	2.00	0.85	34.35	0.20	3.9	0.84	5.0	5.0	5.6	0.57	0.42	0.42	0.75	71.68	1.0	1.0
Sammontana_monte	SA3024_2	453.0	7.9	0.26	33.82	1.20	2.65	1.00	34.18	0.36	3.5	0.74	4.0	4.0	4.5	0.46	0.30	0.30	0.66	69.81	1.0	1.0
Sammontana_monte	SA2024	468.0	7.9	0.17	33.65	1.25	2.39	1.00	33.90	0.29	3.4	0.69	5.0	5.0	5.6	0.47	0.35	0.35	0.63	71.96	1.0	1.0
Sammontana_monte	SA3023_5	483.0	7.8	0.21	33.63	1.46	1.76	0.61	33.79	0.16	4.0	0.89	4.9	4.9	5.7	0.59	0.44	0.44	0.78	76.75	1.0	1.0
Sammontana_monte	SA2023	498.0	7.7	0.02	33.35	1.30	2.47	1.01	33.66	0.31	3.4	0.64	5.0	5.0	5.8	0.48	0.32	0.32	0.54	74.68	1.0	1.0
Sammontana_monte	SA3022_8	503.2	7.7	0.05	33.24	1.29	2.28	0.88	33.51	0.27	3.4	0.77	4.3	4.3	5.1	0.49	0.34	0.34	0.66	79.76	1.0	1.0
Sammontana_monte	SA3022_6	508.0	7.6	0.29	33.37	1.47	1.35	0.56	33.46	0.09	4.1	0.93	6.1	6.9	7.6	0.55	0.56	0.56	0.75	83.43	1.0	1.0
Sammontana_monte	SA3022_5	513.0	7.6	0.00	33.25	1.44	1.92	0.66	33.44	0.19	3.6	0.85	4.6	4.6	5.4	0.54	0.39	0.39	0.72	82.38	1.0	1.0
Sammontana_monte	SA3022_3	518.0	7.5	0.22	33.33	1.48	1.16	0.61	33.40	0.07	4.7	0.92	7.0	7.0	7.6	0.58	0.65	0.65	0.85	81.13	1.0	1.0
Sammontana_monte	SA3022_1	523.0	7.4	0.09	33.28	1.50	1.48	0.70	33.39	0.11	3.7	0.72	7.0	7.0	7.6	0.51	0.51	0.51	0.66	78.56	1.0	1.0

Tronchi	Sezioni	P [m]	q [m³/s]	s [m³/s]	h [m]	y [m]	V [m/s]	Fr	Et [m]	Ev [m]	Sp [t]	ym [m]	b [m]	bt [m]	B [m]	Pb [m]	A [dmq]	At [dmq]	R [m]	C2	β	α
Sammontana_monte	SA2022__	528.0	7.4	0.00	32.99	1.24	2.63	1.04	33.34	0.35	3.3	0.73	3.9	3.9	4.7	0.47	0.28	0.28	0.60	77.25	1.0	1.0
Sammontana_monte	SA3021_6	533.0	7.4	0.00	32.53	0.98	2.63	1.04	32.88	0.35	3.1	0.73	3.9	3.9	4.7	0.41	0.28	0.28	0.60	77.42	1.0	1.0
Sammontana_monte	SA3021_3	538.0	7.4	0.00	32.17	0.92	2.66	1.04	32.53	0.36	3.1	0.75	3.7	3.7	4.7	0.40	0.28	0.28	0.59	76.74	1.0	1.0
Sammontana_monte	SA2021__	543.0	7.4	0.00	32.11	1.16	2.10	0.79	32.33	0.22	3.6	1.13	3.1	3.1	5.2	0.57	0.35	0.35	0.67	80.36	1.0	1.0
Sammontana_monte	SA2021_B	543.5	7.4	0.00	32.10	1.15	2.11	1.00	32.33	0.23	3.5	1.13	3.1	3.1	5.2	0.56	0.35	0.35	0.67	180.65	1.0	1.0
Sammontana_monte	SA2020_C	565.5	7.3	0.00	32.01	1.39	1.79	0.50	32.17	0.16	4.0	1.32	3.1	3.1	5.4	0.66	0.41	0.41	0.75	187.82	1.0	1.0
Sammontana_monte	SA2020__	566.0	7.3	0.00	32.01	1.39	1.79	0.52	32.17	0.16	4.0	1.32	3.1	3.1	5.4	0.66	0.41	0.41	0.75	83.45	1.0	1.0
Sammontana_monte	SA2019__	575.0	7.2	0.10	31.94	1.39	1.98	0.76	32.12	0.20	3.7	0.96	4.0	4.0	5.2	0.60	0.39	0.39	0.75	81.04	1.0	1.0
Sammontana_monte	SA3018_7	589.5	6.9	0.23	31.94	1.47	1.66	0.71	32.05	0.14	4.0	0.94	5.0	5.0	6.1	0.63	0.47	0.47	0.78	80.18	1.0	1.0
Sammontana_monte	SA3018_5	604.0	6.6	0.25	31.91	1.52	1.51	0.61	32.01	0.12	4.2	1.19	4.0	4.0	5.4	0.69	0.48	0.48	0.90	84.16	1.0	1.0
Sammontana_monte	SA3018_2	618.5	6.3	0.37	31.92	1.61	1.20	0.47	31.98	0.07	4.9	1.16	5.0	5.0	6.3	0.72	0.58	0.58	0.93	83.68	1.0	1.0
Sammontana_monte	SA2018__	633.0	6.1	0.15	31.92	1.69	1.10	0.37	31.97	0.06	5.4	1.40	4.3	4.3	6.0	0.78	0.61	0.61	1.02	87.61	1.0	1.0
Sammontana_monte	SA2017__	644.0	6.0	0.00	31.89	1.68	1.60	0.59	31.95	0.13	4.2	0.96	9.8	9.8	11.9	0.62	0.58	0.58	0.55	75.06	1.0	1.0
Sammontana_monte	SA2017_B	644.5	6.0	0.00	31.58	1.37	2.44	0.58	31.89	0.30	3.5	9999.99	2.4	2.4	6.8	0.82	0.25	0.25	0.54	167.82	1.0	1.0
Sammontana_monte	SA2016_C	676.5	6.0	0.00	31.05	0.91	2.88	1.04	31.47	0.42	2.7	0.86	2.4	2.4	4.1	0.44	0.21	0.21	0.51	164.91	1.0	1.0
Sammontana_monte	SA2016__	677.0	6.0	0.00	28.55	1.86	0.71	0.21	28.57	0.03	7.4	1.23	7.4	7.4	8.6	0.77	0.91	0.91	1.06	93.44	1.0	1.0
Sammontana_centro	SA2016__	677.0	6.6	0.00	28.55	1.86	0.78	0.23	28.58	0.03	7.5	1.23	7.4	7.4	8.6	0.77	0.91	0.91	1.06	134.55	1.0	1.0
Sammontana_centro	SA2015__	681.0	6.6	0.00	28.54	1.84	1.00	0.37	28.57	0.05	5.7	1.11	6.5	6.5	7.6	0.72	0.72	0.72	0.94	129.40	1.0	1.0
Sammontana_centro	SA2014__	692.1	6.6	0.00	28.53	1.87	0.97	0.35	28.57	0.05	5.9	1.10	6.7	6.7	7.9	0.72	0.74	0.74	0.94	129.43	1.0	1.0
Sammontana_centro	SA2013__	707.3	6.6	0.00	28.51	1.91	1.15	0.36	28.56	0.07	5.2	1.11	5.7	5.7	7.0	0.72	0.63	0.63	0.90	127.52	1.0	1.0
Sammontana_centro	SA3012_9	708.3	6.6	0.00	28.51	1.92	1.15	0.37	28.56	0.07	5.2	1.11	5.7	5.7	7.0	0.72	0.63	0.63	0.90	127.45	1.0	1.0
Sammontana_centro	SA3012_5	728.0	6.5	0.00	28.50	1.89	1.27	1.00	28.54	0.08	5.5	1.14	6.0	6.0	7.3	0.72	0.69	0.69	0.94	129.43	1.0	1.0
Sammontana_centro	SA2012__	747.7	6.5	0.00	28.47	2.10	0.87	0.32	28.50	0.04	7.1	1.27	6.3	6.3	7.8	0.82	0.80	0.80	1.02	133.05	1.0	1.0
Sammontana_centro	SA3011_9	748.7	6.5	0.00	28.47	2.10	0.87	0.33	28.50	0.04	7.1	1.23	6.6	6.6	8.1	0.82	0.80	0.80	0.99	131.60	1.0	1.0
Sammontana_centro	SA3011_6	775.7	6.5	0.00	28.46	2.17	0.83	0.24	28.49	0.04	7.6	1.24	6.8	6.8	8.4	0.84	0.84	0.84	1.01	132.40	1.0	1.0
Sammontana_centro	SA3011_3	803.8	6.4	0.00	28.46	2.24	0.79	0.22	28.48	0.03	8.1	1.27	7.3	9.0	10.6	0.86	0.90	0.90	1.01	132.64	1.0	1.0
Sammontana_centro	SA2011__	831.9	6.4	0.00	28.46	2.31	0.65	0.22	28.47	0.02	9.0	1.09	11.4	12.2	13.5	0.80	1.09	1.09	0.88	126.58	1.0	1.0
Sammontana_centro	SA2010__	839.9	6.3	0.00	28.44	2.13	0.98	0.45	28.47	0.05	5.6	1.05	10.6	11.0	13.0	0.65	0.77	0.77	0.63	113.00	1.0	1.0
Sammontana_centro	SA3009_5	856.7	6.3	0.00	28.37	2.11	1.50	0.44	28.46	0.11	5.0	1.24	4.2	4.2	6.7	0.88	0.48	0.48	0.71	117.92	1.0	1.0
Sammontana_centro	SA2009__	873.5	6.3	0.00	28.41	2.21	1.00	0.42	28.43	0.05	6.1	1.19	14.9	14.9	17.1	0.71	0.92	0.92	0.64	113.57	1.0	1.0
Sammontana_centro	SA2008__	880.9	6.4	0.00	28.42	2.27	0.62	0.14	28.43	0.02	12.2	2.05	5.4	5.4	8.8	1.07	1.10	1.10	1.25	142.40	1.0	1.0
Sammontana_centro	SA2008_B	881.4	6.4	0.00	28.41	2.26	0.63	0.14	28.43	0.02	12.0	9999.99	5.0	5.0	13.5	1.15	1.01	1.01	1.18	218.30	1.0	1.0
Sammontana_centro	SA2007_C	896.8	6.4	0.00	28.41	2.34	0.63	0.14	28.43	0.02	12.4	9999.99	5.0	5.0	13.6	1.17	1.03	1.03	1.20	219.46	1.0	1.0
Sammontana_centro	SA2007__	897.3	8.5	0.00	28.41	2.34	0.76	0.20	28.43	0.03	13.0	1.46	9.2	9.2	11.8	1.01	1.24	1.24	1.09	136.11	1.0	1.0
Sammontana_centro	SA2006__	901.9	8.4	0.11	28.33	2.33	1.77	0.48	28.41	0.16	6.3	1.64	3.4	4.0	6.0	0.96	0.56	0.56	0.93	110.02	1.0	1.0
Sammontana_centro	SA2005__	908.0	8.3	-0.10	28.34	2.37	1.50	0.42	28.39	0.11	7.0	1.48	4.4	5.0	6.9	0.96	0.65	0.65	0.94	108.79	1.0	1.0
Sammontana_centro	SA3004_8	937.4	7.2	1.25	28.32	2.41	1.14	0.31	28.35	0.07	7.4	1.66	4.4	6.0	7.9	0.95	0.74	0.74	0.93	108.12	1.0	1.0
Sammontana_centro	SA3004_6	966.8	6.7	0.95	28.26	2.41	1.25	0.35	28.32	0.08	6.3	1.45	4.0	4.0	5.9	0.98	0.57	0.57	0.98	112.22	1.0	1.0
Sammontana_centro	SA3004_4	996.2	6.9	0.78	28.23	2.43	1.14	0.33	28.28	0.07	6.6	1.27	5.0	5.0	7.1	0.94	0.63	0.63	0.90	111.56	1.0	1.0
Sammontana_centro	SA3004_2	1025.6	7.7	1.04	28.19	2.45	1.12	0.29	28.24	0.06	7.7	2.18	3.3	6.9	9.3	0.98	0.72	0.72	0.78	113.06	1.0	1.0
Sammontana_centro	SA2004__	1055.0	7.8	0.00	28.18	2.50	0.85	0.35	28.21	0.04	6.7	1.18	12.9	26.1	15.3	0.72	0.98	1.31	0.64	113.91	1.0	1.0

Tronchi	Sezioni	P [m]	q [m³/s]	s [m³/s]	h [m]	y [m]	V [m/s]	Fr	Et [m]	Ev [m]	Sp [t]	ym [m]	b [m]	bt [m]	B [m]	Pb [m]	A [dmq]	At [dmq]	R [m]	C2	β	α
Sammontana_centro	SA2003__	1068.9	7.8	-0.10	28.17	2.40	1.10	0.44	28.20	0.06	6.2	1.10	11.1	13.4	13.1	0.72	0.80	0.82	0.65	114.16	1.0	1.0
Sammontana_centro	SA3002_6	1093.8	7.8	-0.03	28.18	2.37	1.13	0.38	28.18	0.06	7.2	1.26	9.4	9.4	11.6	0.85	0.82	0.82	0.80	122.73	1.0	1.0
Sammontana_centro	SA3002_3	1118.6	7.8	0.00	28.17	2.33	1.00	0.29	28.18	0.05	8.6	1.42	7.6	7.6	10.0	0.96	0.89	0.89	0.93	128.85	1.0	1.0
Sammontana_centro	SA2002__	1143.4	7.8	-0.02	28.17	2.29	0.87	0.23	28.17	0.04	10.4	1.56	7.3	7.3	10.0	1.02	1.01	1.01	1.02	133.09	1.0	1.0
Sammontana_centro	SA2002_B	1143.9	7.8	0.00	28.17	2.29	1.05	0.23	28.17	0.06	9.8	9999.99	4.8	4.8	12.1	1.30	0.75	0.75	1.02	207.95	1.0	1.0
Sammontana_centro	SA2001_C	1167.4	7.8	0.00	28.16	2.39	0.98	0.12	28.16	0.05	10.9	9999.99	4.9	4.9	12.4	1.35	0.80	0.80	1.06	210.54	1.0	1.0
Sammontana_centro	SA2001__	1167.9	7.8	0.00	28.16	2.39	0.82	0.22	28.16	0.03	11.5	1.57	7.9	7.9	10.6	1.05	1.09	1.09	1.03	133.54	1.0	1.0
Sammontana_centro	SV2055__	1184.4	7.8	0.00	28.16	2.63	0.75	0.22	28.16	0.03	10.5	1.30	9.3	9.3	11.5	0.87	1.21	1.21	1.05	134.14	1.0	1.0
Sammontana_valle	SV2055__	1184.4	10.0	-0.22	28.16	2.63	0.94	0.29	28.17	0.05	10.7	1.30	9.3	9.3	11.5	0.87	1.21	1.21	1.05	134.14	1.0	1.0
Sammontana_valle	SV2054_5	1185.6	9.9	-0.15	28.16	2.63	1.03	0.30	28.17	0.05	10.2	1.37	8.0	8.0	10.3	0.91	1.09	1.09	1.07	134.96	1.0	1.0
Sammontana_valle	SV2054__	1226.6	7.8	2.77	28.15	2.67	0.80	0.26	28.16	0.03	9.3	1.32	10.4	10.4	12.8	0.84	1.08	1.08	0.85	125.04	1.0	1.0
Sammontana_valle	SV2053__	1328.8	5.5	3.75	28.11	2.66	0.66	0.21	28.11	0.02	8.8	1.40	8.4	8.4	11.0	0.91	0.96	0.96	0.87	126.18	1.0	1.0
Sammontana_valle	SV2052__	1329.1	5.5	0.00	28.10	2.65	0.76	0.21	28.11	0.03	8.4	1.47	5.5	5.5	8.7	1.03	0.81	0.81	0.94	129.20	1.0	1.0
Sammontana_valle	SV2051__	1335.1	5.5	0.01	28.10	2.65	0.57	0.14	28.11	0.02	11.6	1.72	6.2	8.2	11.0	1.09	1.06	1.06	1.09	136.08	1.0	1.0
Sammontana_valle	SV2051_B	1335.6	5.5	0.00	28.10	2.65	0.75	0.14	28.11	0.03	10.7	9999.99	4.6	4.6	13.4	1.45	0.73	0.73	0.98	204.69	1.0	1.0
Sammontana_valle	SV2050_C	1342.7	5.5	0.00	28.10	2.66	0.75	0.13	28.10	0.03	10.8	9999.99	4.6	4.6	14.3	1.45	0.73	0.73	0.98	204.77	1.0	1.0
Sammontana_valle	SV2050__	1343.2	5.5	0.00	28.10	2.66	0.57	0.14	28.10	0.02	11.7	1.72	6.2	6.2	9.7	1.10	1.06	1.06	1.09	136.10	1.0	1.0
Sammontana_valle	SV2049__	1349.3	5.5	0.00	28.10	2.67	0.71	0.20	28.10	0.03	9.0	1.56	6.1	6.1	9.2	1.03	0.86	0.86	0.98	131.20	1.0	1.0
Sammontana_valle	SV2048__	1383.9	5.4	0.01	28.08	2.69	0.69	0.18	28.09	0.02	9.5	1.60	5.5	5.5	8.8	1.06	0.88	0.88	1.00	132.29	1.0	1.0
Sammontana_valle	SV2047__	1389.3	5.4	0.00	28.08	2.70	0.57	0.14	28.09	0.02	11.8	1.72	6.1	9.1	9.5	1.10	1.06	1.07	1.11	136.79	1.0	1.0
Sammontana_valle	SV2047_B	1389.8	5.4	0.00	28.08	2.70	0.76	0.18	28.08	0.03	10.8	9999.99	6.0	6.0	18.0	1.43	0.74	0.74	0.97	204.49	1.0	1.0
Sammontana_valle	SV2046_C	1397.1	5.4	0.00	28.08	2.70	0.76	0.18	28.08	0.03	10.8	9999.99	6.1	6.1	18.1	1.43	0.74	0.74	0.97	204.48	1.0	1.0
Sammontana_valle	SV2046__	1397.6	5.4	0.00	28.08	2.70	0.57	0.14	28.08	0.02	11.7	1.72	6.2	6.3	9.7	1.10	1.06	1.06	1.10	136.44	1.0	1.0
Sammontana_valle	SV2045__	1403.9	5.4	0.03	28.07	2.71	0.72	0.19	28.08	0.03	9.3	1.60	6.0	6.0	9.3	1.07	0.86	0.86	0.94	129.38	1.0	1.0
Sammontana_valle	SV2044__	1415.2	5.4	0.03	28.07	2.72	0.76	0.19	28.07	0.03	8.6	1.64	4.9	5.3	8.5	1.05	0.80	0.80	0.99	131.57	1.0	1.0
Sammontana_valle	SV2043__	1420.7	5.4	0.01	28.07	2.72	0.56	0.14	28.07	0.02	12.2	1.70	7.6	8.3	11.8	1.10	1.09	1.09	1.07	135.24	1.0	1.0
Sammontana_valle	SV2043_B	1421.2	5.4	0.00	28.07	2.72	0.72	0.15	28.07	0.03	11.3	9999.99	5.4	5.4	17.6	1.48	0.75	0.75	1.00	206.21	1.0	1.0
Sammontana_valle	SA2042_C	1433.6	5.4	0.00	28.06	2.73	0.79	0.19	28.07	0.03	10.7	9999.99	6.0	6.0	18.0	1.41	0.75	0.75	0.96	203.35	1.0	1.0
Sammontana_valle	SV2042__	1434.1	5.4	0.00	28.06	2.73	0.57	0.14	28.06	0.02	11.8	1.74	6.2	6.2	9.6	1.10	1.06	1.06	1.12	137.08	1.0	1.0
Sammontana_valle	SV2041__	1437.1	5.4	0.00	28.06	2.71	0.57	0.14	28.06	0.02	11.7	1.73	6.1	6.1	9.5	1.11	1.05	1.05	1.11	136.58	1.0	1.0
Sammontana_valle	SV2040__	1444.9	5.4	0.06	28.06	2.69	0.66	0.17	28.06	0.02	9.9	1.60	5.8	5.8	8.9	1.06	0.92	0.92	1.04	133.94	1.0	1.0
Sammontana_valle	SV2039__	1450.5	5.4	0.02	28.06	2.67	0.54	0.13	28.06	0.01	12.5	1.72	6.5	7.5	10.9	1.10	1.12	1.12	1.12	137.18	1.0	1.0
Sammontana_valle	SV2039_B	1451.0	5.4	0.00	28.05	2.66	0.70	0.16	28.06	0.02	11.5	9999.99	6.1	6.1	18.6	1.46	0.77	0.77	1.01	207.39	1.0	1.0
Sammontana_valle	SV2038_C	1464.6	5.4	0.00	28.05	2.67	0.72	0.14	28.06	0.03	11.0	9999.99	4.8	4.8	16.9	1.43	0.75	0.75	0.99	205.95	1.0	1.0
Sammontana_valle	SV2038__	1465.1	5.4	0.00	28.05	2.67	0.56	0.14	28.05	0.02	11.8	1.71	6.3	6.3	9.4	1.08	1.08	1.08	1.14	138.10	1.0	1.0
Sammontana_valle	SV2037__	1467.4	10.3	0.00	28.00	2.62	1.20	0.32	28.05	0.07	9.8	1.47	6.2	6.2	9.3	1.01	0.87	0.87	0.94	129.60	1.0	1.0
Sammontana_valle	SV2036__	1554.2	9.9	-0.01	27.95	2.59	1.00	0.29	28.00	0.05	10.4	1.43	7.9	7.9	11.1	0.95	0.99	0.99	0.89	127.09	1.0	1.0
Sammontana_valle	SV2035__	1556.2	9.9	0.00	27.96	2.60	0.81	0.21	28.00	0.03	13.2	1.50	8.4	8.4	11.6	1.01	1.22	1.22	1.05	134.26	1.0	1.0
Sammontana_valle	SV2034__	1557.3	9.9	0.00	27.95	2.61	0.89	0.22	27.99	0.04	12.8	1.63	6.8	6.8	9.8	1.07	1.11	1.11	1.14	137.92	1.0	1.0
Sammontana_valle	SV2034_B	1557.8	9.9	0.00	27.90	2.56	1.29	0.17	27.98	0.08	11.8	9999.99	5.0	5.0	12.6	1.37	0.77	0.77	1.01	207.00	1.0	1.0
Sammontana_valle	SV2033_C	1574.9	10.0	0.00	27.87	2.53	1.30	0.17	27.95	0.09	11.6	9999.99	5.0	5.0	12.6	1.34	0.77	0.77	1.01	207.36	1.0	1.0

Tronchi	Sezioni	P [m]	q [m³/s]	s [m³/s]	h [m]	y [m]	V [m/s]	Fr	Et [m]	Ev [m]	Sp [t]	ym [m]	b [m]	bt [m]	B [m]	Pb [m]	A [dmq]	At [dmq]	R [m]	C2	β	α
Sammontana_valle	SV2033__	1575.4	10.0	0.00	27.90	2.56	0.91	0.26	27.94	0.04	12.2	1.55	8.5	8.9	11.7	1.03	1.10	1.10	1.07	135.21	1.0	1.0
Sammontana_valle	SV2032__	1580.4	9.9	0.05	27.87	2.53	1.13	0.34	27.93	0.06	9.5	1.48	8.0	8.0	10.7	0.95	0.88	0.88	0.89	127.06	1.0	1.0
Sammontana_valle	SV2031__	1901.8	6.2	5.20	27.66	2.41	0.82	0.22	27.68	0.03	10.1	1.41	8.5	15.1	17.6	0.85	1.15	1.15	0.85	125.36	1.0	1.0
Sammontana_valle	SV2030__	1926.0	6.2	0.02	27.64	2.33	0.79	0.22	27.67	0.03	8.5	1.70	6.3	6.3	9.9	0.99	0.81	0.81	0.90	127.45	1.0	1.0
Sammontana_valle	SV2030_B	1926.5	6.2	0.00	27.62	2.31	1.00	0.20	27.66	0.05	7.8	9999.99	3.4	3.4	10.8	1.18	0.62	0.62	0.83	194.02	1.0	1.0
Sammontana_valle	SV2029_C	1958.1	6.2	0.00	27.57	2.34	1.28	0.17	27.63	0.08	7.2	9999.99	3.2	3.2	9.8	1.35	0.49	0.49	0.74	186.43	1.0	1.0
Sammontana_valle	SV2029__	1958.6	6.2	0.00	27.58	2.35	0.96	0.21	27.62	0.05	7.6	2.11	3.2	3.2	7.5	1.07	0.67	0.67	0.89	127.06	1.0	1.0
Sammontana_valle	SV2028__	1962.2	6.2	0.02	27.59	2.25	0.84	0.28	27.61	0.04	7.4	1.10	9.0	9.6	11.9	0.80	0.88	0.88	0.77	120.97	1.0	1.0
Sammontana_valle	SV2027__	1999.2	5.8	1.22	27.58	2.15	1.28	0.45	27.60	0.08	5.2	0.89	9.7	9.7	11.5	0.65	0.76	0.76	0.66	114.86	1.0	1.0
Sammontana_valle	SV2026__	2000.3	5.8	0.00	27.57	2.07	1.22	0.38	27.60	0.08	5.2	1.21	4.9	4.9	7.3	0.81	0.60	0.60	0.82	123.62	1.0	1.0
Sammontana_valle	SV2025__	2053.4	5.8	0.00	27.56	2.05	1.04	0.35	27.57	0.05	5.8	1.30	5.4	5.4	7.6	0.80	0.70	0.70	0.93	128.83	1.0	1.0
Sammontana_valle	SV2024__	2093.0	5.8	0.00	27.54	2.10	1.14	0.46	27.56	0.07	5.5	1.10	6.1	6.1	8.0	0.80	0.66	0.66	0.82	123.81	1.0	1.0
Sammontana_valle	SV2023__	2106.1	5.7	0.00	27.55	2.62	0.89	0.21	27.55	0.04	8.5	2.04	7.8	13.5	17.8	1.07	0.87	0.87	0.78	121.85	1.0	1.0
Sammontana_valle	SV2023_B	2106.6	5.7	0.00	27.50	2.57	1.65	0.18	27.55	0.14	6.1	9999.99	1.9	1.9	7.0	1.64	0.35	0.35	0.58	172.37	1.0	1.0
Sammontana_valle	SV2022_C	2116.1	5.8	0.00	27.49	2.60	1.65	0.17	27.54	0.14	6.2	9999.99	1.9	1.9	7.1	1.67	0.35	0.35	0.58	172.40	1.0	1.0
Sammontana_valle	SV2022__	2116.6	5.8	0.00	27.51	2.62	0.58	0.15	27.52	0.02	12.0	1.69	6.6	6.6	8.9	1.07	1.11	1.11	1.24	142.09	1.0	1.0
Sammontana_valle	SV2021__	2126.0	5.8	0.02	27.51	2.54	0.77	0.22	27.52	0.03	8.6	1.48	5.8	5.8	8.3	0.99	0.86	0.86	1.03	133.54	1.0	1.0
Sammontana_valle	SV2020__	2216.5	6.1	6.27	27.51	2.59	0.77	0.26	27.51	0.03	13.1	1.07	15.9	18.1	19.7	0.86	1.53	1.53	0.83	124.11	1.0	1.0
Sammontana_valle	SV2019__	2292.8	5.7	1.69	27.51	2.66	0.87	0.26	27.51	0.04	8.6	1.20	7.8	7.8	10.1	0.92	0.93	0.93	0.92	128.58	1.0	1.0
Sammontana_valle	SV2018__	2298.1	5.7	0.00	27.51	2.78	0.57	0.13	27.51	0.02	14.7	2.52	4.5	4.5	9.7	1.29	1.13	1.13	1.17	139.28	1.0	1.0
Sammontana_valle	SV2018_B	2298.6	5.7	0.00	27.51	2.78	0.58	0.13	27.51	0.02	14.4	9999.99	4.5	4.5	13.5	1.47	0.98	0.98	1.07	211.33	1.0	1.0
Sammontana_valle	SV2017_C	2309.4	5.7	0.00	27.51	2.87	0.48	0.10	27.51	0.01	18.7	9999.99	4.7	4.7	14.8	1.46	1.29	1.29	1.28	224.10	1.0	1.0
Sammontana_valle	SV2017__	2309.9	5.5	0.55	27.51	2.87	0.45	0.09	27.51	0.01	18.7	2.77	4.8	4.8	10.2	1.42	1.32	1.32	1.30	144.02	1.0	1.0
Sammontana_valle	SV2016__	2335.6	5.5	0.01	27.51	2.51	0.64	0.19	27.51	0.02	10.1	1.30	8.7	9.4	11.1	0.92	1.09	1.09	1.07	135.09	1.0	1.0
Sammontana_valle	SV2015__	2495.0	4.9	4.62	27.51	2.51	0.59	0.18	27.51	0.02	9.9	1.30	8.3	8.3	9.9	0.92	1.08	1.08	1.09	135.89	1.0	1.0
Sammontana_valle	SV2014__	2575.3	-9.9	7.20	27.51	2.51	-1.08	0.30	27.51	0.06	9.5	1.37	7.4	7.4	9.0	0.93	1.01	1.01	1.12	137.17	1.0	1.0
Sammontana_valle	SV2013__	2822.1	-10.0	5.09	27.59	2.67	-1.05	0.32	27.64	0.06	9.7	1.16	8.9	8.9	10.7	0.88	0.98	0.98	0.92	128.29	1.0	1.0
Sammontana_valle	SV2012__	2883.4	-10.0	0.45	27.64	2.71	-1.03	0.30	27.69	0.05	10.1	1.29	7.7	7.7	9.7	0.93	0.97	0.97	1.00	132.08	1.0	1.0
Sammontana_valle	SV2011__	3091.7	-10.0	0.02	27.77	2.92	-0.94	0.25	27.82	0.05	11.9	1.50	7.1	7.1	9.3	1.03	1.06	1.06	1.14	137.85	1.0	1.0
Sammontana_valle	CO3010_5	3206.7	-10.0	0.00	27.83	3.14	-0.79	0.19	27.86	0.03	15.4	1.67	7.6	7.6	10.1	1.15	1.27	1.27	1.26	142.72	1.0	1.0

Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]
SF0001__	0.00	0.0	SF0348__	0.01	9.3	SF0695__	0.01	10.6	SF1042__	0.05	66.5	SF1389__	0.00	0.0
SF0002__	0.00	0.0	SF0349__	0.00	0.0	SF0696__	0.03	30.4	SF1043__	0.05	66.5	SF1390__	0.00	0.0
SF0003__	0.00	0.0	SF0350__	0.00	0.0	SF0697__	0.03	30.4	SF1044__	0.05	66.5	SF1391__	0.00	0.0
SF0004__	0.00	0.0	SF0351__	0.00	0.1	SF0698__	0.02	14.1	SF1045__	0.04	52.7	SF1392__	0.00	0.0
SF0005__	0.00	0.0	SF0352__	0.00	0.1	SF0699__	0.02	16.3	SF1046__	0.00	0.0	SF1393__	0.00	0.0
SF0006__	0.00	0.0	SF0353__	0.00	2.5	SF0700__	0.02	16.3	SF1047__	0.00	0.0	SF1394__	0.00	0.0
SF0007__	0.04	87.3	SF0354__	0.01	8.1	SF0701__	0.00	0.0	SF1048__	0.00	0.0	SF1395__	0.00	0.5
SF0008__	0.00	0.0	SF0355__	0.02	20.2	SF0702__	0.00	4.1	SF1049__	0.00	0.0	SF1396__	0.01	11.7
SF0009__	0.00	0.0	SF0356__	0.02	20.2	SF0703__	0.00	3.0	SF1050__	0.00	0.0	SF1397__	0.00	4.0
SF0010__	0.00	5.5	SF0357__	0.02	16.3	SF0704__	0.04	36.0	SF1051__	0.00	0.0	SF1398__	5.63	93002.2
SF0011__	0.00	1.9	SF0358__	0.00	0.0	SF0705__	0.04	36.0	SF1052__	0.00	0.0	SF1399__	0.45	4808.6
SF0012__	0.01	12.4	SF0359__	0.00	0.0	SF0706__	0.05	41.3	SF1053__	0.00	0.1	SF1400__	0.02	20.6
SF0013__	0.00	0.0	SF0360__	0.00	0.0	SF0707__	0.15	142.6	SF1054__	0.00	0.1	SF1401__	0.33	564.4
SF0014__	0.00	0.0	SF0361__	0.00	0.0	SF0708__	0.15	142.6	SF1055__	0.00	0.1	SF1402__	0.00	5.6
SF0015__	0.00	0.0	SF0362__	0.00	0.0	SF0709__	0.21	199.1	SF1056__	0.00	0.1	SF1403__	0.00	0.0
SF0016__	0.00	0.0	SF0363__	0.00	0.0	SF0710__	0.01	6.4	SF1057__	0.00	0.1	SF1404__	0.00	0.0
SF0017__	0.00	0.0	SF0364__	0.00	0.0	SF0711__	0.16	248.3	SF1058__	0.00	0.1	SF1405__	0.00	0.0
SF0018__	0.00	0.0	SF0365__	0.00	0.0	SF0712__	0.47	809.1	SF1059__	0.00	0.1	SF1406__	0.00	0.0
SF0019__	0.00	0.0	SF0366__	0.00	0.0	SF0713__	0.47	811.3	SF1060__	0.00	0.1	SF1407__	0.00	0.0
SF0020__	0.12	456.6	SF0367__	0.00	0.0	SF0714__	0.47	820.9	SF1061__	0.00	0.8	SF1408__	0.00	0.0
SF0021__	0.01	7.1	SF0368__	0.00	0.0	SF0715__	1.14	2156.1	SF1062__	0.00	0.8	SF1409__	0.00	0.0
SF0022__	0.01	7.1	SF0369__	0.00	0.0	SF0716__	0.00	0.1	SF1063__	0.00	0.5	SF1410__	0.00	0.0
SF0023__	0.00	0.0	SF0370__	0.00	0.0	SF0717__	0.00	0.0	SF1064__	0.00	0.5	SF1411__	0.00	0.0
SF0024__	0.00	0.0	SF0371__	0.00	-0.1	SF0718__	0.00	0.0	SF1065__	0.00	0.0	SF1412__	0.00	0.0
SF0025__	0.00	0.0	SF0372__	0.00	0.2	SF0719__	0.00	0.0	SF1066__	0.00	0.0	SF1413__	0.00	0.0
SF0026__	0.00	0.0	SF0373__	0.00	0.1	SF0720__	0.00	0.0	SF1067__	0.47	839.5	SF1414__	0.00	0.0
SF0027__	0.08	239.6	SF0374__	0.00	0.1	SF0721__	0.00	0.0	SF1068__	0.19	439.0	SF1415__	0.00	0.0
SF0028__	0.08	239.6	SF0375__	0.00	0.2	SF0722__	0.00	0.0	SF1069__	0.30	526.1	SF1416__	0.00	0.0
SF0029__	0.00	0.0	SF0376__	0.00	-0.2	SF0723__	0.00	0.0	SF1070__	0.87	2410.3	SF1417__	0.00	0.0
SF0030__	0.00	0.0	SF0377__	0.00	-0.1	SF0724__	0.00	0.0	SF1071__	0.01	8.1	SF1418__	0.00	0.0
SF0031__	0.14	461.4	SF0378__	0.00	0.2	SF0725__	0.00	0.0	SF1072__	0.00	1.3	SF1419__	0.00	0.0
SF0032__	0.15	510.1	SF0379__	0.00	0.2	SF0726__	0.00	0.0	SF1073__	0.00	1.3	SF1420__	0.00	0.0
SF0033__	0.00	0.0	SF0380__	0.00	0.0	SF0727__	0.00	0.0	SF1074__	0.01	4.6	SF1421__	0.00	0.0
SF0034__	0.00	0.0	SF0381__	0.08	-116.6	SF0728__	0.00	0.0	SF1075__	0.01	4.6	SF1422__	0.00	0.0
SF0035__	0.02	34.3	SF0382__	0.08	-197.7	SF0729__	0.00	0.0	SF1076__	0.01	4.6	SF1423__	0.00	0.0
SF0036__	0.02	34.3	SF0383__	0.29	-939.0	SF0730__	0.00	0.0	SF1077__	0.01	4.6	SF1424__	0.00	0.0
SF0037__	0.03	71.8	SF0384__	0.29	-930.6	SF0731__	0.00	0.0	SF1078__	0.01	4.6	SF1425__	0.00	0.0
SF0038__	0.10	366.0	SF0385__	0.18	93.5	SF0732__	0.00	0.0	SF1079__	0.01	4.6	SF1426__	0.00	0.0
SF0039__	0.05	116.7	SF0386__	0.17	-147.7	SF0733__	0.00	0.0	SF1080__	0.01	4.6	SF1427__	0.00	0.0
SF0040__	0.01	9.1	SF0387__	0.17	-147.0	SF0734__	0.00	0.0	SF1081__	0.01	4.6	SF1428__	0.00	0.0
SF0041__	0.01	9.1	SF0388__	-0.18	-171.3	SF0735__	0.00	0.0	SF1082__	0.20	326.5	SF1429__	0.00	0.0

Sfioratore	s	V	Sfioratore	s	V	Sfioratore	s	V	Sfioratore	s	V	Sfioratore	s	V
	[m³/s]	[m³]		[m³/s]	[m³]		[m³/s]	[m³]		[m³/s]	[m³]		[m³/s]	[m³]
SF0042__	0.04	70.0	SF0389__	-0.18	-170.9	SF0736__	0.00	0.0	SF1083__	0.20	326.5	SF1430__	0.00	0.0
SF0043__	0.00	0.0	SF0390__	-0.21	-471.5	SF0737__	0.00	0.0	SF1084__	0.20	326.5	SF1431__	0.00	0.0
SF0044__	0.01	4.7	SF0391__	-0.21	-470.8	SF0738__	0.00	0.0	SF1085__	0.20	326.5	SF1432__	0.00	0.0
SF0045__	0.26	1545.4	SF0392__	0.00	0.6	SF0739__	0.00	0.0	SF1086__	0.20	326.5	SF1433__	0.00	0.0
SF0046__	0.16	625.2	SF0393__	0.00	0.6	SF0740__	0.00	0.0	SF1087__	0.20	326.5	SF1434__	0.00	0.0
SF0047__	0.00	0.0	SF0394__	-0.04	-56.6	SF0741__	0.00	0.0	SF1088__	0.20	326.5	SF1435__	0.00	0.0
SF0048__	0.00	0.0	SF0395__	0.00	0.3	SF0742__	0.00	0.0	SF1089__	0.20	326.5	SF1436__	0.00	0.0
SF0049__	0.00	0.0	SF0396__	0.00	0.3	SF0743__	0.00	0.0	SF1090__	0.20	326.5	SF1437__	0.00	0.0
SF0050__	0.00	0.1	SF0397__	0.00	0.3	SF0744__	0.00	0.0	SF1091__	0.20	326.5	SF1438__	0.00	0.0
SF0051__	0.00	4.3	SF0398__	0.00	0.5	SF0745__	0.00	0.0	SF1092__	0.20	326.5	SF1439__	0.00	0.0
SF0052__	0.01	7.1	SF0399__	0.00	0.9	SF0746__	0.00	0.0	SF1093__	0.20	326.5	SF1440__	0.00	0.0
SF0053__	0.01	7.1	SF0400__	0.00	0.9	SF0747__	0.00	0.0	SF1094__	0.20	326.5	SF1441__	0.00	0.0
SF0054__	0.01	11.3	SF0401__	0.00	0.1	SF0748__	0.00	0.0	SF1095__	0.11	225.1	SF1442__	0.00	0.0
SF0055__	0.00	0.0	SF0402__	-0.22	-1744.3	SF0749__	0.00	0.0	SF1096__	0.11	225.1	SF1443__	0.00	0.0
SF0056__	0.00	0.0	SF0403__	-0.15	-1182.1	SF0750__	0.00	0.0	SF1097__	0.11	225.1	SF1444__	0.00	0.0
SF0057__	0.00	0.0	SF0404__	0.32	1747.7	SF0751__	0.00	0.0	SF1098__	0.11	225.1	SF1445__	0.00	0.0
SF0058__	0.00	0.0	SF0405__	0.32	1742.4	SF0752__	0.02	18.2	SF1099__	0.11	225.1	SF1446__	0.00	0.0
SF0059__	0.00	0.0	SF0406__	0.32	1739.5	SF0753__	0.02	18.2	SF1100__	0.11	225.1	SF1447__	0.00	0.0
SF0060__	0.00	0.0	SF0407__	0.32	1740.1	SF0754__	0.02	18.2	SF1101__	0.11	225.1	SF1448__	0.00	0.0
SF0061__	0.00	0.0	SF0408__	0.32	1742.0	SF0755__	0.01	9.4	SF1102__	0.11	225.1	SF1449__	0.00	0.0
SF0062__	0.00	0.0	SF0409__	0.32	1744.9	SF0756__	0.01	9.4	SF1103__	0.11	225.1	SF1450__	0.00	0.0
SF0063__	0.00	0.1	SF0410__	0.32	1743.1	SF0757__	0.01	9.4	SF1104__	0.11	225.1	SF1451__	0.00	0.0
SF0064__	0.00	0.0	SF0411__	0.32	1743.2	SF0758__	0.01	9.4	SF1105__	0.11	225.1	SF1452__	0.00	0.0
SF0065__	0.00	0.0	SF0412__	0.65	2682.3	SF0759__	0.14	191.7	SF1106__	0.11	225.1	SF1453__	0.00	0.0
SF0066__	0.00	0.0	SF0413__	0.65	2687.8	SF0760__	0.14	191.7	SF1107__	0.11	225.1	SF1454__	0.00	0.0
SF0067__	0.00	0.0	SF0414__	0.65	2697.2	SF0761__	0.14	191.7	SF1108__	0.00	0.0	SF1455__	0.00	0.0
SF0068__	0.00	0.0	SF0415__	0.65	2701.6	SF0762__	0.20	392.2	SF1109__	0.00	0.0	SF1456__	0.00	0.0
SF0069__	0.00	0.2	SF0416__	0.65	2707.1	SF0763__	0.20	392.2	SF1110__	0.00	0.0	SF1457__	0.00	0.0
SF0070__	0.00	0.2	SF0417__	0.00	4.1	SF0764__	0.20	392.2	SF1111__	0.00	0.0	SF1458__	0.00	0.0
SF0071__	0.00	0.1	SF0418__	0.00	0.2	SF0765__	0.00	0.0	SF1112__	0.00	0.0	SF1459__	0.00	0.0
SF0072__	0.00	0.1	SF0419__	0.00	0.8	SF0766__	0.00	0.0	SF1113__	0.00	0.0	SF1460__	0.00	0.0
SF0073__	0.00	0.1	SF0420__	0.00	0.8	SF0767__	0.00	0.0	SF1114__	0.00	0.0	SF1461__	0.00	0.0
SF0074__	0.00	0.2	SF0421__	0.00	3.9	SF0768__	0.04	37.7	SF1115__	0.00	0.0	SF1462__	0.00	0.0
SF0075__	0.00	-0.2	SF0422__	0.00	3.9	SF0769__	0.04	37.7	SF1116__	0.14	287.6	SF1463__	0.00	0.0
SF0076__	0.00	0.0	SF0423__	0.00	0.9	SF0770__	0.04	37.7	SF1117__	0.01	4.6	SF1464__	0.00	0.0
SF0077__	-0.05	-66.7	SF0424__	0.01	20.1	SF0771__	0.04	37.7	SF1118__	0.42	1750.9	SF1465__	0.00	0.0
SF0078__	-0.01	-11.6	SF0425__	0.01	13.4	SF0772__	0.27	593.9	SF1119__	0.01	4.9	SF1466__	0.00	0.0
SF0079__	0.25	627.7	SF0426__	0.00	2.5	SF0773__	0.27	593.9	SF1120__	0.01	4.9	SF1467__	0.00	0.0
SF0080__	0.25	628.0	SF0427__	0.00	0.1	SF0774__	0.27	593.9	SF1121__	0.01	4.9	SF1468__	0.00	0.0
SF0081__	0.23	378.7	SF0428__	0.02	33.9	SF0775__	0.27	593.9	SF1122__	0.01	4.9	SF1469__	0.00	0.0
SF0082__	0.23	379.1	SF0429__	0.00	7.0	SF0776__	0.26	914.1	SF1123__	0.01	4.9	SF1470__	0.00	0.0

Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]
SF0083__	0.23	382.3	SF0430__	0.00	0.0	SF0777__	0.26	914.1	SF1124__	0.01	4.9	SF1471__	0.00	0.0
SF0084__	0.19	-88.1	SF0431__	0.00	0.0	SF0778__	0.26	914.1	SF1125__	0.01	4.9	SF1472__	0.00	0.3
SF0085__	0.19	-86.8	SF0432__	0.00	0.0	SF0779__	0.26	914.1	SF1126__	0.01	4.9	SF1473__	0.00	0.0
SF0086__	0.23	-296.5	SF0433__	0.00	0.0	SF0780__	0.04	53.4	SF1127__	0.06	50.8	SF1474__	0.00	0.0
SF0087__	0.23	-293.6	SF0434__	0.00	0.0	SF0781__	0.04	53.4	SF1128__	0.21	346.5	SF1475__	0.00	0.0
SF0088__	0.23	-294.7	SF0435__	0.00	0.6	SF0782__	0.04	53.4	SF1129__	0.21	346.5	SF1476__	0.00	0.0
SF0089__	0.00	0.8	SF0436__	0.00	0.6	SF0783__	0.04	53.4	SF1130__	0.21	346.5	SF1477__	0.00	0.0
SF0090__	0.00	0.4	SF0437__	0.00	0.6	SF0784__	0.12	181.4	SF1131__	0.21	346.5	SF1478__	0.00	0.0
SF0091__	0.00	0.4	SF0438__	0.00	0.6	SF0785__	0.12	181.4	SF1132__	0.21	346.5	SF1479__	0.00	0.0
SF0092__	0.00	0.2	SF0439__	0.00	0.6	SF0786__	0.12	181.4	SF1133__	0.21	346.5	SF1480__	0.00	0.0
SF0093__	0.00	0.2	SF0440__	0.00	0.1	SF0787__	0.19	452.4	SF1134__	0.21	346.5	SF1481__	0.00	0.0
SF0094__	0.00	0.2	SF0441__	0.00	0.2	SF0788__	0.19	452.4	SF1135__	0.21	346.5	SF1482__	0.00	0.0
SF0095__	0.00	0.5	SF0442__	0.00	4.3	SF0789__	0.19	452.4	SF1136__	0.21	346.5	SF1483__	0.00	0.0
SF0096__	-0.02	-13.7	SF0443__	0.00	4.3	SF0790__	0.12	177.6	SF1137__	0.21	346.5	SF1484__	0.00	0.0
SF0097__	0.00	-3.0	SF0444__	0.00	4.3	SF0791__	0.12	177.6	SF1138__	0.21	346.5	SF1485__	0.00	0.0
SF0098__	0.00	-0.1	SF0445__	0.00	4.3	SF0792__	0.16	408.9	SF1139__	0.21	346.5	SF1486__	0.00	0.0
SF0099__	0.00	0.0	SF0446__	0.00	4.3	SF0793__	0.16	408.9	SF1140__	0.13	331.4	SF1487__	0.00	0.0
SF0100__	0.00	0.0	SF0447__	0.00	4.3	SF0794__	0.16	408.9	SF1141__	0.13	331.4	SF1488__	0.00	0.0
SF0101__	0.00	0.0	SF0448__	0.00	4.3	SF0795__	0.40	1443.8	SF1142__	0.13	331.4	SF1489__	0.00	0.0
SF0102__	0.00	0.2	SF0449__	0.00	4.3	SF0796__	0.40	1443.8	SF1143__	0.13	331.4	SF1490__	0.00	0.0
SF0103__	0.00	0.2	SF0450__	0.00	4.3	SF0797__	0.40	1443.8	SF1144__	0.13	331.4	SF1491__	0.00	0.0
SF0104__	0.00	0.2	SF0451__	0.00	4.3	SF0798__	0.22	336.6	SF1145__	0.13	331.4	SF1492__	0.00	0.0
SF0105__	0.00	0.2	SF0452__	0.00	4.3	SF0799__	0.22	336.6	SF1146__	0.13	331.4	SF1493__	0.00	0.0
SF0106__	0.00	0.2	SF0453__	0.00	4.3	SF0800__	0.33	734.6	SF1147__	0.13	331.4	SF1494__	0.00	0.0
SF0107__	0.00	0.2	SF0454__	0.00	4.3	SF0801__	0.33	734.6	SF1148__	0.13	331.4	SF1495__	0.00	0.0
SF0108__	0.00	0.2	SF0455__	0.00	4.3	SF0802__	0.33	734.6	SF1149__	0.13	331.4	SF1496__	0.00	0.0
SF0109__	0.00	0.8	SF0456__	0.00	4.3	SF0803__	0.18	302.2	SF1150__	0.13	331.4	SF1497__	0.00	0.0
SF0110__	0.00	0.8	SF0457__	0.00	4.3	SF0804__	0.18	302.2	SF1151__	0.13	331.4	SF1498__	0.00	0.0
SF0111__	0.00	0.8	SF0458__	0.00	4.3	SF0805__	0.00	0.0	SF1152__	0.13	331.4	SF1499__	0.00	0.0
SF0112__	0.00	0.8	SF0459__	0.34	425.0	SF0806__	0.00	0.0	SF1153__	0.04	37.7	SF1500__	0.00	0.0
SF0113__	0.00	0.8	SF0460__	0.32	389.6	SF0807__	0.00	0.4	SF1154__	0.04	37.7	SF1501__	0.00	0.0
SF0114__	0.00	0.0	SF0461__	0.30	350.6	SF0808__	0.00	0.4	SF1155__	0.04	37.7	SF1502__	0.00	0.0
SF0115__	0.00	-0.3	SF0462__	0.28	311.4	SF0809__	0.00	0.0	SF1156__	0.04	37.7	SF1503__	0.00	0.0
SF0116__	0.00	0.1	SF0463__	0.27	354.3	SF0810__	0.00	0.0	SF1157__	0.04	37.7	SF1504__	0.00	0.0
SF0117__	0.00	0.1	SF0464__	0.27	330.9	SF0811__	0.00	0.0	SF1158__	0.04	37.7	SF1505__	0.00	0.0
SF0118__	0.00	0.5	SF0465__	0.26	343.4	SF0812__	0.00	0.0	SF1159__	0.04	37.7	SF1506__	0.00	0.0
SF0119__	0.00	0.5	SF0466__	0.24	349.8	SF0813__	0.00	0.0	SF1160__	0.04	37.7	SF1507__	0.00	0.0
SF0120__	0.00	-2.4	SF0467__	0.24	379.7	SF0814__	0.00	0.0	SF1161__	0.04	37.7	SF1508__	0.00	0.0
SF0121__	0.00	0.2	SF0468__	0.27	462.9	SF0815__	0.00	0.0	SF1162__	0.00	0.1	SF1509__	0.00	0.0
SF0122__	0.00	0.4	SF0469__	0.28	479.4	SF0816__	0.02	30.4	SF1163__	0.00	0.1	SF1510__	0.00	0.0
SF0123__	0.00	-0.2	SF0470__	0.28	485.4	SF0817__	0.02	30.4	SF1164__	0.00	0.1	SF1511__	0.00	0.0

Sfioratore	s	V	Sfioratore	s	V	Sfioratore	s	V	Sfioratore	s	V	Sfioratore	s	V
	[m³/s]	[m³]		[m³/s]	[m³]		[m³/s]	[m³]		[m³/s]	[m³]		[m³/s]	[m³]
SF0124__	0.00	0.0	SF0471__	0.29	489.7	SF0818__	-0.36	-407.9	SF1165__	0.00	2.1	SF1512__	0.00	0.0
SF0125__	0.00	0.2	SF0472__	0.29	483.2	SF0819__	0.00	0.0	SF1166__	0.00	2.2	SF1513__	0.00	0.0
SF0126__	0.00	-1.4	SF0473__	0.28	467.8	SF0820__	-0.04	-108.1	SF1167__	0.00	2.1	SF1514__	0.00	0.0
SF0127__	0.00	0.0	SF0474__	0.27	446.0	SF0821__	-0.04	-88.8	SF1168__	0.00	2.2	SF1515__	0.00	0.0
SF0128__	0.00	0.0	SF0475__	0.18	339.3	SF0822__	-0.04	-56.5	SF1169__	0.00	2.2	SF1516__	0.00	0.0
SF0129__	0.00	0.0	SF0476__	0.02	16.4	SF0823__	-1.10	-1243.9	SF1170__	0.00	2.1	SF1517__	0.00	0.0
SF0130__	0.00	0.0	SF0477__	0.00	0.1	SF0824__	-1.10	-1244.7	SF1171__	0.00	2.1	SF1518__	0.00	0.0
SF0131__	0.00	0.0	SF0478__	0.00	0.1	SF0825__	-0.30	406.2	SF1172__	0.00	1.9	SF1519__	0.00	0.0
SF0132__	0.00	0.0	SF0479__	0.00	0.1	SF0826__	1.12	4099.5	SF1173__	0.00	1.9	SF1520__	0.00	0.0
SF0133__	0.00	0.2	SF0480__	0.00	1.9	SF0827__	1.12	4067.1	SF1174__	0.00	1.8	SF1521__	0.00	0.0
SF0134__	0.00	0.2	SF0481__	0.00	0.0	SF0828__	0.17	603.6	SF1175__	0.00	0.1	SF1522__	0.00	0.0
SF0135__	0.00	0.2	SF0482__	0.00	0.0	SF0829__	-0.01	2.6	SF1176__	0.00	0.1	SF1523__	0.00	0.0
SF0136__	-0.01	-6.4	SF0483__	0.00	0.4	SF0830__	0.00	0.0	SF1177__	0.00	0.1	SF1524__	0.00	0.0
SF0137__	0.00	-0.1	SF0484__	0.00	0.4	SF0831__	0.00	0.0	SF1178__	0.00	0.1	SF1525__	0.00	0.0
SF0138__	0.00	0.0	SF0485__	0.00	0.4	SF0832__	0.00	0.0	SF1179__	0.00	0.1	SF1526__	0.00	0.0
SF0139__	0.00	0.0	SF0486__	0.00	0.4	SF0833__	0.00	-0.2	SF1180__	-0.06	-210.9	SF1527__	0.00	0.0
SF0140__	0.00	0.0	SF0487__	0.00	5.2	SF0834__	-0.01	-8.4	SF1181__	-0.06	-237.9	SF1528__	0.00	0.0
SF0141__	0.00	0.0	SF0488__	0.00	3.6	SF0835__	0.00	0.0	SF1182__	-0.07	-279.0	SF1529__	0.00	0.0
SF0142__	0.00	0.0	SF0489__	0.00	0.0	SF0836__	0.00	0.0	SF1183__	-0.08	-364.3	SF1530__	0.00	0.0
SF0143__	0.00	0.0	SF0490__	0.00	5.8	SF0837__	0.00	0.0	SF1184__	-0.08	-374.6	SF1531__	0.00	0.0
SF0144__	0.00	0.0	SF0491__	0.00	5.8	SF0838__	0.00	0.0	SF1185__	-0.09	-408.7	SF1532__	0.00	0.0
SF0145__	0.00	0.0	SF0492__	0.00	5.8	SF0839__	-0.01	-5.2	SF1186__	-0.68	-5989.8	SF1533__	0.00	0.0
SF0146__	0.00	0.0	SF0493__	0.00	5.8	SF0840__	0.00	0.0	SF1187__	-0.69	-8478.1	SF1534__	0.00	0.0
SF0147__	0.00	0.0	SF0494__	0.00	5.8	SF0841__	0.00	0.0	SF1188__	-0.71	-9769.0	SF1535__	0.00	0.0
SF0148__	0.00	0.0	SF0495__	0.66	6670.5	SF0842__	0.00	-0.2	SF1189__	-0.76	-10798.2	SF1536__	0.00	0.0
SF0149__	0.00	0.0	SF0496__	0.87	11579.4	SF0843__	0.00	-0.1	SF1190__	-0.78	-11013.6	SF1537__	0.00	0.0
SF0150__	0.00	0.0	SF0497__	0.87	11672.5	SF0844__	0.00	0.3	SF1191__	-0.80	-11537.0	SF1538__	0.00	0.0
SF0151__	0.00	0.0	SF0498__	1.05	13717.2	SF0845__	0.00	0.3	SF1192__	0.00	-18.0	SF1539__	0.00	0.0
SF0152__	0.00	0.0	SF0499__	1.05	13742.1	SF0846__	0.00	0.0	SF1193__	0.00	-18.2	SF1540__	0.00	0.0
SF0153__	0.00	0.0	SF0500__	0.34	2573.4	SF0847__	0.00	-0.1	SF1194__	-0.01	-44.5	SF1541__	0.00	0.0
SF0154__	0.00	0.0	SF0501__	0.34	2573.4	SF0848__	0.00	-0.2	SF1195__	-0.01	-44.6	SF1542__	0.00	0.0
SF0155__	0.00	0.0	SF0502__	0.34	2573.5	SF0849__	0.00	0.3	SF1196__	-0.47	-2162.3	SF1543__	0.00	0.0
SF0156__	-0.02	-16.4	SF0503__	0.34	2573.4	SF0850__	0.00	0.3	SF1197__	-0.55	-3753.2	SF1544__	0.00	0.0
SF0157__	-0.01	-6.2	SF0504__	0.00	-0.2	SF0851__	0.00	-0.1	SF1198__	-0.48	-2291.2	SF1545__	0.00	0.0
SF0158__	0.00	-1.1	SF0505__	0.00	0.0	SF0852__	0.00	0.3	SF1199__	-0.49	-2355.1	SF1546__	0.00	0.0
SF0159__	0.00	-2.1	SF0506__	0.00	0.0	SF0853__	0.00	0.3	SF1200__	-0.50	-2429.7	SF1547__	0.00	0.0
SF0160__	-0.01	-5.4	SF0507__	0.00	0.0	SF0854__	0.00	0.3	SF1201__	-0.51	-2497.5	SF1548__	0.00	0.0
SF0161__	0.00	-1.4	SF0508__	0.00	0.0	SF0855__	0.00	-0.1	SF1202__	-0.51	-2518.2	SF1549__	0.77	3192.5
SF0162__	0.00	-0.1	SF0509__	0.00	0.0	SF0856__	0.00	0.2	SF1203__	-0.52	-2601.3	SF1550__	0.00	0.0
SF0163__	0.00	0.5	SF0510__	0.00	0.0	SF0857__	0.00	1.6	SF1204__	0.13	116.3	SF1551__	0.00	0.0
SF0164__	0.00	0.6	SF0511__	0.00	0.0	SF0858__	0.00	1.6	SF1205__	0.13	116.3	SF1552__	0.00	0.0



Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]
SF0165__	0.00	-0.1	SF0512__	0.00	0.0	SF0859__	0.00	1.6	SF1206__	0.13	116.3	SF1553__	0.00	0.0
SF0166__	0.00	-0.7	SF0513__	0.00	0.0	SF0860__	0.00	-0.1	SF1207__	0.13	116.3	SF1554__	0.00	0.0
SF0167__	0.00	-0.8	SF0514__	0.00	0.0	SF0861__	0.00	-0.1	SF1208__	0.13	116.3	SF1555__	0.00	0.0
SF0168__	0.00	1.4	SF0515__	0.00	0.0	SF0862__	0.00	0.0	SF1209__	0.13	116.3	SF1556__	0.00	0.0
SF0169__	0.05	35.5	SF0516__	0.00	0.0	SF0863__	0.00	0.0	SF1210__	0.13	116.3	SF1557__	0.00	0.0
SF0170__	0.15	103.1	SF0517__	0.00	0.0	SF0864__	0.00	0.0	SF1211__	0.13	116.3	SF1558__	0.00	0.0
SF0171__	0.09	-103.0	SF0518__	0.00	0.0	SF0865__	0.00	0.0	SF1212__	0.17	700.9	SF1559__	0.00	0.0
SF0172__	0.06	33.9	SF0519__	0.00	0.0	SF0866__	0.00	0.0	SF1213__	0.17	700.9	SF1560__	0.00	0.0
SF0173__	0.00	6.3	SF0520__	0.00	0.0	SF0867__	0.06	74.9	SF1214__	0.17	700.9	SF1561__	0.00	0.0
SF0174__	0.00	8.8	SF0521__	0.00	0.0	SF0868__	0.06	70.0	SF1215__	0.17	700.9	SF1562__	0.00	0.0
SF0175__	0.01	10.7	SF0522__	0.00	0.0	SF0869__	0.49	2179.9	SF1216__	0.17	700.9	SF1563__	0.00	0.0
SF0176__	0.01	10.7	SF0523__	0.00	0.0	SF0870__	0.73	3564.9	SF1217__	0.05	44.5	SF1564__	0.00	0.0
SF0177__	1.20	5439.9	SF0524__	0.00	0.0	SF0871__	0.01	-11.9	SF1218__	0.00	1.1	SF1565__	0.00	0.0
SF0178__	0.00	0.0	SF0525__	0.03	52.4	SF0872__	0.01	-11.9	SF1219__	0.00	0.0	SF1566__	0.00	0.0
SF0179__	0.00	0.0	SF0526__	0.02	118.2	SF0873__	0.01	32.1	SF1220__	0.00	0.0	SF1567__	0.00	0.0
SF0180__	0.00	0.0	SF0527__	0.02	118.2	SF0874__	0.01	32.5	SF1221__	0.00	0.0	SF1568__	0.00	0.0
SF0181__	0.00	0.0	SF0528__	0.02	118.2	SF0875__	0.01	32.6	SF1222__	0.00	0.0	SF1569__	0.00	0.0
SF0182__	0.00	0.0	SF0529__	0.01	10.3	SF0876__	0.01	32.8	SF1223__	0.00	0.0	SF1570__	0.00	0.0
SF0183__	0.00	0.0	SF0530__	0.01	10.3	SF0877__	0.01	32.9	SF1224__	0.00	0.0	SF1571__	0.00	0.0
SF0184__	0.00	0.0	SF0531__	0.01	10.3	SF0878__	0.46	914.1	SF1225__	0.00	0.0	SF1572__	0.00	0.0
SF0185__	0.00	3.6	SF0532__	0.01	10.3	SF0879__	0.40	766.8	SF1226__	0.00	0.0	SF1573__	0.00	0.0
SF0186__	0.00	0.0	SF0533__	0.01	10.3	SF0880__	0.62	1737.2	SF1227__	0.00	0.0	SF1574__	0.00	0.0
SF0187__	0.00	-0.2	SF0534__	0.00	0.0	SF0881__	0.62	1329.9	SF1228__	0.00	0.0	SF1575__	0.00	0.0
SF0188__	0.00	0.3	SF0535__	0.00	0.0	SF0882__	0.81	1947.2	SF1229__	0.00	0.0	SF1576__	0.00	0.0
SF0189__	0.00	0.3	SF0536__	0.00	0.0	SF0883__	0.84	2009.7	SF1230__	0.00	0.0	SF1577__	0.00	0.0
SF0190__	0.00	0.3	SF0537__	0.00	0.3	SF0884__	0.86	2068.5	SF1231__	0.00	0.0	SF1578__	0.00	0.0
SF0191__	0.67	5954.9	SF0538__	0.00	0.3	SF0885__	0.87	2152.1	SF1232__	0.00	0.0	SF1579__	0.00	0.0
SF0192__	0.58	4131.9	SF0539__	0.00	0.6	SF0886__	0.84	1645.9	SF1233__	0.00	0.0	SF1580__	0.00	0.0
SF0193__	0.57	3818.3	SF0540__	0.00	0.0	SF0887__	0.00	0.4	SF1234__	0.00	0.0	SF1581__	0.00	0.0
SF0194__	0.43	2581.5	SF0541__	0.00	0.0	SF0888__	0.00	0.0	SF1235__	0.00	0.0	SF1582__	0.00	0.0
SF0195__	0.38	2315.4	SF0542__	0.00	0.0	SF0889__	0.72	582.2	SF1236__	0.00	0.0	SF1583__	0.00	0.0
SF0196__	0.30	1479.3	SF0543__	0.00	0.0	SF0890__	0.66	800.8	SF1237__	0.00	0.0	SF1584__	0.00	0.0
SF0197__	0.00	7.2	SF0544__	0.00	0.0	SF0891__	0.66	602.6	SF1238__	0.00	0.0	SF1585__	0.00	0.0
SF0198__	0.00	7.3	SF0545__	0.00	0.0	SF0892__	1.29	-2031.5	SF1239__	0.00	0.0	SF1586__	0.00	0.0
SF0199__	0.00	6.2	SF0546__	0.00	0.0	SF0893__	0.00	-0.3	SF1240__	0.00	0.0	SF1587__	0.00	0.0
SF0200__	0.00	-0.4	SF0547__	0.00	0.0	SF0894__	0.00	0.0	SF1241__	0.00	0.0	SF1588__	0.00	0.0
SF0201__	0.00	0.0	SF0548__	0.00	0.0	SF0895__	0.00	0.0	SF1242__	0.00	0.0	SF1589__	0.00	0.0
SF0202__	0.00	0.9	SF0549__	0.00	0.0	SF0896__	0.00	0.0	SF1243__	0.00	0.0	SF1590__	0.00	0.0
SF0203__	0.00	1.9	SF0550__	0.28	308.1	SF0897__	0.00	0.0	SF1244__	0.00	0.0	SF1591__	0.00	0.0
SF0204__	0.39	1285.8	SF0551__	0.34	369.6	SF0898__	0.00	0.0	SF1245__	0.00	0.0	SF1592__	0.00	0.0
SF0205__	0.46	1506.0	SF0552__	0.34	367.3	SF0899__	0.00	0.0	SF1246__	0.00	4.1	SF1593__	0.00	0.0

Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]
SF0206__	0.50	1564.6	SF0553__	0.53	611.7	SF0900__	0.00	0.0	SF1247__	0.05	49.1	SF1594__	0.00	0.0
SF0207__	0.42	1363.2	SF0554__	0.53	612.4	SF0901__	0.00	0.0	SF1248__	0.13	116.5	SF1595__	0.00	0.0
SF0208__	0.51	1545.7	SF0555__	0.53	607.1	SF0902__	0.00	0.0	SF1249__	0.92	10676.3	SF1596__	0.00	0.0
SF0209__	0.52	612.2	SF0556__	0.47	467.5	SF0903__	0.00	0.0	SF1250__	0.43	2874.2	SF1597__	0.00	0.0
SF0210__	0.52	564.6	SF0557__	0.16	-95.0	SF0904__	0.00	0.0	SF1251__	0.00	9.2	SF1598__	0.00	0.0
SF0211__	0.52	535.5	SF0558__	0.20	137.4	SF0905__	0.00	0.0	SF1252__	5.60	91144.5	SF1599__	0.00	0.0
SF0212__	0.51	507.4	SF0559__	0.01	-40.3	SF0906__	0.00	0.0	SF1253__	0.22	1521.7	SF1600__	0.00	0.0
SF0213__	0.04	40.3	SF0560__	0.00	0.0	SF0907__	0.00	0.0	SF1254__	0.30	817.0	SF1601__	0.00	0.0
SF0214__	0.04	40.4	SF0561__	0.00	0.0	SF0908__	0.00	0.0	SF1255__	0.00	0.1	SF1602__	0.00	0.0
SF0215__	0.04	41.1	SF0562__	0.00	0.0	SF0909__	0.00	0.0	SF1256__	0.75	3463.5	SF1603__	0.00	0.0
SF0216__	0.04	39.7	SF0563__	0.00	0.0	SF0910__	0.00	0.0	SF1257__	0.00	0.5	SF1604__	0.00	0.0
SF0217__	0.04	38.5	SF0564__	0.00	-0.1	SF0911__	0.00	0.0	SF1258__	0.68	1799.1	SF1605__	0.00	0.0
SF0218__	0.04	38.5	SF0565__	0.00	0.6	SF0912__	0.00	0.0	SF1259__	0.00	0.2	SF1606__	0.00	0.0
SF0219__	0.04	38.8	SF0566__	0.72	652.7	SF0913__	0.00	0.0	SF1260__	0.61	2183.8	SF1607__	0.00	0.0
SF0220__	0.00	5.0	SF0567__	0.00	-0.1	SF0914__	0.00	0.0	SF1261__	0.00	0.1	SF1608__	0.00	0.0
SF0221__	0.00	5.0	SF0568__	0.00	5.2	SF0915__	0.00	0.0	SF1262__	3.11	37300.7	SF1609__	0.00	0.0
SF0222__	0.00	5.0	SF0569__	0.00	5.2	SF0916__	0.00	0.0	SF1263__	0.00	0.0	SF1610__	0.00	0.0
SF0223__	0.00	5.0	SF0570__	0.00	5.2	SF0917__	0.00	0.0	SF1264__	0.01	13.2	SF1611__	0.00	0.0
SF0224__	0.00	5.0	SF0571__	0.19	732.6	SF0918__	0.00	0.0	SF1265__	0.00	0.0	SF1612__	0.00	0.0
SF0225__	0.00	1.3	SF0572__	0.19	732.5	SF0919__	0.00	0.0	SF1266__	0.75	1311.1	SF1613__	0.00	0.0
SF0226__	0.00	1.3	SF0573__	0.19	732.7	SF0920__	0.00	0.0	SF1267__	0.78	1862.6	SF1614__	0.00	0.0
SF0227__	0.00	1.3	SF0574__	0.19	734.2	SF0921__	0.02	15.2	SF1268__	0.00	0.1	SF1615__	0.00	0.0
SF0228__	0.00	1.3	SF0575__	0.56	1220.1	SF0922__	0.02	15.2	SF1269__	0.34	505.1	SF1616__	0.00	0.0
SF0229__	0.00	1.3	SF0576__	0.57	1238.8	SF0923__	0.02	15.2	SF1270__	0.00	0.2	SF1617__	0.00	0.0
SF0230__	0.00	1.3	SF0577__	0.57	1232.2	SF0924__	0.02	15.2	SF1271__	0.00	0.2	SF1618__	0.00	0.0
SF0231__	0.00	1.3	SF0578__	0.54	765.2	SF0925__	0.01	7.0	SF1272__	0.00	0.7	SF1619__	0.00	0.0
SF0232__	0.00	1.3	SF0579__	0.69	1406.9	SF0926__	0.01	7.0	SF1273__	0.00	0.1	SF1620__	0.00	0.0
SF0233__	0.00	1.3	SF0580__	0.69	1445.6	SF0927__	0.01	7.0	SF1274__	0.00	0.5	SF1621__	0.00	0.0
SF0234__	0.00	0.0	SF0581__	0.68	1630.9	SF0928__	0.01	7.0	SF1275__	0.00	0.0	SF1622__	0.00	0.0
SF0235__	0.00	0.0	SF0582__	0.22	473.5	SF0929__	0.00	0.4	SF1276__	0.00	0.0	SF1623__	0.00	0.0
SF0236__	0.00	0.0	SF0583__	0.22	472.7	SF0930__	0.00	0.4	SF1277__	0.00	0.0	SF1624__	0.00	0.0
SF0237__	0.00	0.0	SF0584__	0.23	476.2	SF0931__	0.00	0.4	SF1278__	0.00	0.0	SF1625__	0.00	0.0
SF0238__	0.00	0.0	SF0585__	0.00	-8.2	SF0932__	0.00	0.0	SF1279__	0.00	0.0	SF1626__	0.00	0.0
SF0239__	0.00	0.0	SF0586__	0.01	28.5	SF0933__	0.00	0.0	SF1280__	0.00	0.0	SF1627__	0.00	0.0
SF0240__	0.00	0.0	SF0587__	0.01	28.5	SF0934__	0.00	0.0	SF1281__	0.00	0.0	SF1628__	0.00	0.0
SF0241__	0.00	0.0	SF0588__	0.00	1.0	SF0935__	0.00	0.0	SF1282__	0.00	0.0	SF1629__	0.00	0.0
SF0242__	0.00	0.0	SF0589__	0.00	-0.4	SF0936__	0.02	19.0	SF1283__	0.00	0.0	SF1630__	0.00	0.0
SF0243__	0.00	0.0	SF0590__	0.00	0.0	SF0937__	0.02	19.0	SF1284__	0.33	333.5	SF1631__	0.00	0.0
SF0244__	0.00	0.0	SF0591__	0.00	0.0	SF0938__	0.02	19.0	SF1285__	0.06	65.9	SF1632__	0.00	0.0
SF0245__	0.00	0.0	SF0592__	0.00	0.0	SF0939__	0.13	180.4	SF1286__	0.00	3.6	SF1633__	0.00	0.0
SF0246__	0.00	0.0	SF0593__	0.00	0.0	SF0940__	0.13	180.4	SF1287__	1.63	8263.0	SF1634__	0.00	0.0

Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]
SF0247__	0.00	0.0	SF0594__	0.00	0.0	SF0941__	0.13	180.4	SF1288__	0.00	2.1	SF1635__	0.00	0.0
SF0248__	0.00	0.0	SF0595__	0.00	0.0	SF0942__	0.00	0.0	SF1289__	0.27	579.7	SF1636__	0.00	0.0
SF0249__	0.00	0.0	SF0596__	0.00	0.0	SF0943__	0.00	0.1	SF1290__	0.00	0.5	SF1637__	0.00	0.0
SF0250__	0.00	0.0	SF0597__	0.00	0.0	SF0944__	0.00	0.1	SF1291__	0.23	516.9	SF1638__	0.00	0.0
SF0251__	0.00	0.0	SF0598__	0.00	0.0	SF0945__	0.00	0.1	SF1292__	0.00	2.0	SF1639__	0.00	0.0
SF0252__	0.00	0.0	SF0599__	0.00	0.0	SF0946__	0.00	0.1	SF1293__	0.11	101.6	SF1640__	0.00	0.0
SF0253__	0.00	0.0	SF0600__	0.00	0.0	SF0947__	0.43	1290.6	SF1294__	0.18	224.7	SF1641__	0.00	0.0
SF0254__	0.07	160.6	SF0601__	0.00	0.0	SF0948__	0.43	1290.6	SF1295__	0.00	4.7	SF1642__	0.00	0.0
SF0255__	0.01	18.5	SF0602__	0.00	0.0	SF0949__	0.43	1290.6	SF1296__	0.00	2.6	SF1643__	0.00	0.0
SF0256__	0.01	18.5	SF0603__	0.00	0.0	SF0950__	0.43	1290.6	SF1297__	0.02	23.0	SF1644__	0.00	0.0
SF0257__	0.01	18.5	SF0604__	0.00	0.0	SF0951__	0.43	1290.6	SF1298__	1.44	8499.6	SF1645__	0.00	0.0
SF0258__	0.02	27.8	SF0605__	0.00	0.0	SF0952__	0.19	524.6	SF1299__	0.65	2897.1	SF1646__	0.00	0.0
SF0259__	0.02	27.8	SF0606__	0.00	0.0	SF0953__	0.19	524.6	SF1300__	0.04	148.0	SF1647__	0.00	0.0
SF0260__	0.02	27.8	SF0607__	0.00	0.0	SF0954__	0.19	524.6	SF1301__	0.04	148.0	SF1648__	0.00	0.0
SF0261__	0.02	27.8	SF0608__	0.00	0.0	SF0955__	0.18	371.8	SF1302__	0.00	7.5	SF1649__	0.00	0.0
SF0262__	0.02	27.8	SF0609__	0.00	0.0	SF0956__	0.18	371.8	SF1303__	0.00	7.5	SF1650__	0.00	0.0
SF0263__	0.00	0.0	SF0610__	0.00	0.0	SF0957__	0.18	371.8	SF1304__	0.00	2.0	SF1651__	0.00	0.0
SF0264__	0.00	0.0	SF0611__	0.00	0.0	SF0958__	0.18	371.8	SF1305__	0.00	5.8	SF1652__	0.00	0.0
SF0265__	0.00	0.0	SF0612__	0.00	0.0	SF0959__	0.33	753.4	SF1306__	0.12	710.8	SF1653__	0.00	0.0
SF0266__	0.00	0.0	SF0613__	0.00	0.0	SF0960__	0.33	753.4	SF1307__	0.06	274.4	SF1654__	0.00	0.0
SF0267__	0.00	1.9	SF0614__	0.00	0.0	SF0961__	0.33	753.4	SF1308__	0.00	0.0	SF1655__	0.00	0.0
SF0268__	0.00	1.9	SF0615__	0.00	0.0	SF0962__	0.19	452.4	SF1309__	0.00	2.2	SF1656__	0.00	0.0
SF0269__	0.00	1.9	SF0616__	0.00	0.0	SF0963__	0.19	452.4	SF1310__	0.00	0.2	SF1657__	0.00	0.0
SF0270__	0.00	1.9	SF0617__	0.00	0.0	SF0964__	0.19	452.4	SF1311__	0.03	70.7	SF1658__	0.00	0.0
SF0271__	0.00	1.9	SF0618__	0.10	219.5	SF0965__	0.00	3.8	SF1312__	0.00	2.9	SF1659__	0.00	0.0
SF0272__	0.00	1.9	SF0619__	0.10	219.5	SF0966__	0.00	3.8	SF1313__	0.40	1373.6	SF1660__	0.00	0.0
SF0273__	0.00	1.9	SF0620__	0.10	219.5	SF0967__	0.00	3.8	SF1314__	0.00	1.5	SF1661__	0.00	0.0
SF0274__	0.49	1583.6	SF0621__	0.10	219.5	SF0968__	0.23	625.3	SF1315__	0.28	634.9	SF1662__	0.00	0.0
SF0275__	0.49	1570.0	SF0622__	0.10	219.5	SF0969__	0.23	625.3	SF1316__	0.00	1.7	SF1663__	0.00	0.0
SF0276__	0.51	1606.6	SF0623__	0.18	710.7	SF0970__	0.15	414.8	SF1317__	0.01	11.8	SF1664__	0.00	0.0
SF0277__	0.50	1568.6	SF0624__	0.18	710.7	SF0971__	0.15	414.8	SF1318__	0.00	1.7	SF1665__	0.00	0.0
SF0278__	0.52	1580.3	SF0625__	0.06	101.7	SF0972__	0.15	414.8	SF1319__	0.02	26.5	SF1666__	0.00	0.0
SF0279__	0.52	778.8	SF0626__	0.06	101.7	SF0973__	0.19	288.8	SF1320__	0.00	1.5	SF1667__	0.00	0.0
SF0280__	0.52	721.8	SF0627__	0.10	183.2	SF0974__	0.19	288.8	SF1321__	0.16	204.5	SF1668__	0.00	0.0
SF0281__	0.52	676.4	SF0628__	0.14	488.1	SF0975__	0.19	288.8	SF1322__	0.02	18.2	SF1669__	0.00	0.0
SF0282__	0.52	624.2	SF0629__	0.14	488.1	SF0976__	0.17	256.9	SF1323__	0.25	541.7	SF1670__	0.00	0.0
SF0283__	0.52	567.3	SF0630__	0.03	31.4	SF0977__	0.17	256.9	SF1324__	0.00	1.2	SF1671__	0.00	0.0
SF0284__	0.52	559.7	SF0631__	0.03	31.4	SF0978__	0.01	6.1	SF1325__	0.17	227.5	SF1672__	0.00	0.0
SF0285__	0.52	542.8	SF0632__	0.04	43.0	SF0979__	0.01	4.2	SF1326__	0.00	1.0	SF1673__	0.00	0.0
SF0286__	0.52	538.1	SF0633__	0.04	43.0	SF0980__	0.00	0.0	SF1327__	0.00	7.1	SF1674__	0.00	0.0
SF0287__	0.51	507.3	SF0634__	-0.04	-27.9	SF0981__	0.00	0.0	SF1328__	0.00	0.9	SF1675__	0.00	0.0

Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]
SF0288__	0.46	689.0	SF0635__	0.02	14.1	SF0982__	0.00	0.0	SF1329__	0.00	2.9	SF1676__	0.00	0.0
SF0289__	0.04	41.4	SF0636__	0.02	14.1	SF0983__	0.00	0.0	SF1330__	0.00	2.2	SF1677__	0.00	0.0
SF0290__	0.04	41.4	SF0637__	0.00	0.7	SF0984__	0.00	0.0	SF1331__	0.00	4.0	SF1678__	0.00	0.0
SF0291__	0.04	40.8	SF0638__	0.00	0.7	SF0985__	0.00	0.0	SF1332__	0.00	7.1	SF1679__	0.00	0.0
SF0292__	0.04	41.4	SF0639__	0.00	0.0	SF0986__	0.00	0.0	SF1333__	0.00	7.1	SF1680__	0.00	0.0
SF0293__	0.04	40.7	SF0640__	0.06	-2.7	SF0987__	0.00	-0.2	SF1334__	1.38	9464.2	SF1681__	0.00	0.0
SF0294__	0.04	41.3	SF0641__	0.06	-12.6	SF0988__	0.00	0.0	SF1335__	0.00	2.7	SF1682__	0.00	0.0
SF0295__	0.00	5.0	SF0642__	0.06	-10.5	SF0989__	0.00	0.0	SF1336__	0.00	2.2	SF1683__	0.00	0.0
SF0296__	0.00	5.0	SF0643__	0.24	74.5	SF0990__	0.00	0.0	SF1337__	0.00	1.9	SF1684__	0.00	0.0
SF0297__	0.00	5.0	SF0644__	0.19	57.8	SF0991__	0.00	0.0	SF1338__	0.00	2.7	SF1685__	0.00	0.0
SF0298__	0.00	5.0	SF0645__	0.10	0.9	SF0992__	0.00	0.0	SF1339__	0.00	1.5	SF1686__	0.00	0.0
SF0299__	0.00	5.0	SF0646__	0.27	143.3	SF0993__	0.00	0.0	SF1340__	0.00	2.1	SF1687__	0.00	0.0
SF0300__	0.00	1.3	SF0647__	0.01	11.7	SF0994__	0.36	2313.9	SF1341__	0.00	2.5	SF1688__	0.00	0.0
SF0301__	0.00	1.3	SF0648__	0.00	2.0	SF0995__	0.06	447.9	SF1342__	0.00	1.9	SF1689__	0.00	0.0
SF0302__	0.00	1.3	SF0649__	0.37	393.0	SF0996__	0.06	448.8	SF1343__	0.00	1.9	SF1690__	0.00	0.0
SF0303__	0.00	0.0	SF0650__	0.37	393.2	SF0997__	0.06	449.1	SF1344__	0.00	0.0	SF1691__	0.00	0.0
SF0304__	0.00	0.0	SF0651__	1.11	1313.4	SF0998__	1.71	9657.3	SF1345__	0.00	0.0	SF1692__	0.00	0.0
SF0305__	0.00	0.0	SF0652__	1.08	1264.3	SF0999__	0.06	445.1	SF1346__	0.00	0.6	SF1693__	0.00	0.0
SF0306__	0.00	0.0	SF0653__	0.11	370.0	SF1000__	0.06	445.9	SF1347__	0.00	1.5	SF1694__	0.00	0.0
SF0307__	0.00	0.0	SF0654__	-0.02	-64.2	SF1001__	1.71	9686.3	SF1348__	0.00	1.4	SF1695__	0.00	0.0
SF0308__	0.00	0.0	SF0655__	0.00	0.0	SF1002__	1.71	9798.0	SF1349__	0.00	2.5	SF1696__	0.00	0.0
SF0309__	0.00	0.0	SF0656__	0.00	0.0	SF1003__	1.72	10089.1	SF1350__	0.00	1.2	SF1697__	0.00	0.0
SF0310__	0.00	0.0	SF0657__	0.00	0.0	SF1004__	0.22	1604.5	SF1351__	0.00	2.3	SF1698__	0.00	0.0
SF0311__	0.00	0.0	SF0658__	0.00	0.0	SF1005__	-0.04	-361.5	SF1352__	0.00	0.8	SF1699__	8.59	139141.9
SF0312__	0.00	0.0	SF0659__	0.00	0.0	SF1006__	-0.01	-22.5	SF1353__	0.00	2.0	SF1700__	0.00	0.0
SF0313__	0.00	0.0	SF0660__	-0.02	-51.8	SF1007__	-0.01	-20.9	SF1354__	0.00	0.9	SF1701__	0.00	0.0
SF0314__	0.28	1543.3	SF0661__	-0.02	-44.0	SF1008__	0.01	-19.6	SF1355__	0.00	2.0	SF1702__	0.00	0.0
SF0315__	0.28	1543.3	SF0662__	-0.02	-38.3	SF1009__	0.01	-16.8	SF1356__	0.00	0.7	SF1703__	-1.46	-27889.7
SF0316__	0.21	770.9	SF0663__	0.00	0.0	SF1010__	0.01	-14.8	SF1357__	0.00	2.4	SF1704__	4.09	49120.3
SF0317__	0.01	10.0	SF0664__	0.00	0.0	SF1011__	0.01	-11.6	SF1358__	0.00	0.3	SF1705__	0.00	0.0
SF0318__	0.00	0.0	SF0665__	0.00	0.0	SF1012__	0.01	-10.3	SF1359__	0.00	1.9	SF1706__	0.00	0.0
SF0319__	0.00	0.0	SF0666__	0.00	0.0	SF1013__	0.01	-9.0	SF1360__	0.00	0.3	SF1707__	0.00	0.0
SF0320__	0.00	0.0	SF0667__	0.00	0.0	SF1014__	0.01	8.0	SF1361__	0.00	1.4	SF1708__	0.00	0.0
SF0321__	0.01	8.4	SF0668__	0.00	0.0	SF1015__	0.01	9.9	SF1362__	0.00	0.2	SF1709__	0.00	0.0
SF0322__	0.13	489.6	SF0669__	0.00	0.0	SF1016__	0.50	-1327.3	SF1363__	0.00	2.1	SF1710__	-6.58	-69838.8
SF0323__	0.00	0.0	SF0670__	0.00	0.0	SF1017__	0.50	-1225.7	SF1364__	0.00	0.0	SF1711__	0.00	0.0
SF0324__	0.00	0.0	SF0671__	0.00	0.0	SF1018__	0.50	-1056.3	SF1365__	0.00	0.9	SF1712__	0.11	735.8
SF0325__	0.00	0.0	SF0672__	0.00	0.0	SF1019__	0.50	-893.0	SF1366__	0.00	0.0	SF1713__	0.00	0.0
SF0326__	0.00	0.0	SF0673__	0.00	0.0	SF1020__	0.49	-743.4	SF1367__	0.00	0.2	SF1714__	0.00	0.0
SF0327__	0.03	69.3	SF0674__	0.00	0.0	SF1021__	0.47	-485.3	SF1368__	0.00	0.0	SF1715__	0.00	0.0
SF0328__	0.00	0.0	SF0675__	0.00	0.0	SF1022__	0.49	675.5	SF1369__	0.00	0.0	SF1716__	0.00	0.0

Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]	Sfioratore	s [m³/s]	V [m³]
SF0329__	0.00	0.0	SF0676__	0.00	0.0	SF1023__	0.49	747.5	SF1370__	0.00	0.0	SF1717__	0.00	0.0
SF0330__	0.00	0.0	SF0677__	0.00	0.0	SF1024__	0.49	855.9	SF1371__	0.00	0.0	SF1718__	0.00	0.0
SF0331__	0.00	0.0	SF0678__	0.00	0.0	SF1025__	0.50	897.2	SF1372__	0.00	0.0	SF1719__	0.00	0.0
SF0332__	0.01	13.5	SF0679__	0.00	0.0	SF1026__	0.50	952.6	SF1373__	0.00	0.0	SF1720__	0.00	0.0
SF0333__	0.01	13.5	SF0680__	0.00	0.0	SF1027__	0.50	1054.7	SF1374__	0.00	0.0	SF1721__	0.00	0.0
SF0334__	0.12	385.7	SF0681__	0.16	314.9	SF1028__	0.50	1073.0	SF1375__	0.00	0.0	SF1722__	0.00	0.0
SF0335__	0.10	315.0	SF0682__	0.16	314.9	SF1029__	0.50	1120.6	SF1376__	0.00	0.0	SF1723__	0.00	0.0
SF0336__	0.00	0.5	SF0683__	0.16	314.9	SF1030__	0.50	1770.8	SF1377__	0.00	0.1	SF1724__	0.00	0.0
SF0337__	0.00	0.0	SF0684__	0.16	314.9	SF1031__	0.59	595.9	SF1378__	0.00	0.0	SF1725__	0.00	0.0
SF0338__	0.00	0.0	SF0685__	0.10	286.1	SF1032__	0.59	601.2	SF1379__	0.00	0.0	SF1726__	0.00	0.0
SF0339__	0.03	70.7	SF0686__	0.10	286.1	SF1033__	0.59	643.3	SF1380__	0.00	0.0	SF1727__	0.00	0.0
SF0340__	0.01	8.2	SF0687__	0.03	43.1	SF1034__	0.59	782.7	SF1381__	0.00	0.0	SF1728__	0.00	0.0
SF0341__	0.07	164.5	SF0688__	0.03	43.1	SF1035__	0.59	1191.5	SF1382__	0.00	0.0	SF1729__	0.00	0.0
SF0342__	0.14	554.7	SF0689__	0.10	212.0	SF1036__	0.60	1623.4	SF1383__	0.00	0.0	SF1730__	0.00	0.0
SF0343__	0.01	21.9	SF0690__	0.10	212.0	SF1037__	0.09	276.7	SF1384__	0.00	0.0	SF1731__	0.00	0.0
SF0344__	0.01	21.9	SF0691__	0.03	44.3	SF1038__	0.00	0.0	SF1385__	0.00	0.0	SF1732__	0.00	0.0
SF0345__	0.04	57.2	SF0692__	0.03	44.3	SF1039__	0.00	0.0	SF1386__	0.00	0.0	SF1733__	0.00	0.0
SF0346__	0.00	0.0	SF0693__	0.02	19.0	SF1040__	0.00	0.0	SF1387__	0.00	0.0	SF1734__	0.00	0.0
SF0347__	0.00	0.0	SF0694__	0.01	10.6	SF1041__	0.00	0.0	SF1388__	0.00	0.0	SF1735__	0.00	0.0

Portella	s [m³/s]	V [m³]	Portella	s [m³/s]	V [m³]
PO001__	0.55	15490.0	PO023__	-0.60	-8250.4
PO002__	-1.00	1997.0	PO024__	-0.86	-5245.4
PO003__	-1.38	3712.3	PO025__	-0.63	-736.6
PO004__	0.00	0.0	PO026__	1.18	-3045.3
PO005__	12.85	30300.8	PO027__	0.82	554.9
PO006__	-2.30	-6235.1	PO028__	0.97	1292.0
PO007__	-2.00	-5906.0	PO029__	0.96	685.3
PO008__	-4.37	4476.9	PO030__	0.00	0.0
PO009__	-0.12	-139.6	PO031__	0.00	0.0
PO010__	0.00	0.0	PO032__	0.00	0.0
PO011__	-0.23	-3189.3	PO033__	0.00	0.0
PO012__	-0.91	-3716.6	PO034__	0.00	0.0
PO013__	-0.46	-2960.5	PO035__	0.00	0.0
PO014__	-1.14	-12610.9	PO036__	0.00	0.0
PO015__	0.03	25.2	PO037__	0.00	0.0
PO016__	-0.34	-3046.3	PO038__	0.00	0.0
PO017__	0.00	0.0	PO039__	0.00	0.0
PO018__	1.95	14794.9	PO040__	0.00	0.0
PO019__	-0.63	-3466.1	PO041__	0.00	0.0
PO020__	-0.26	-320.8	PO042__	0.00	0.0
PO021__	0.00	0.0	PO042__	0.00	0.0
PO022__	0.00	0.0	PO043__	-1.15	-25677.4

Cassa	H [m]	V [m³]	s [m³/s]
ape_4a	22.61	4818.4	1.12
ape_4b	25.96	0.0	0.00
FIBBIANA	17.77	43611.2	5.17
VM-036a	25.71	74832.3	5.09
VM-036b	21.25	177396.1	9.62
VM-036c	25.87	44390.6	6.18
VM-036d	25.69	28109.9	1.22
VM-036e	25.70	55391.3	6.74
VM-036f	16.50	0.0	0.00
VM-036g	12.32	735.2	0.11
VM-036h	26.02	11305.7	5.19
VM-038a	25.68	225311.9	20.12
VM-038b	25.61	9331.1	1.60
VM-038c	24.80	338.8	0.33
VM-040	23.85	0.0	0.00
VM-042e	25.15	0.0	0.00
VM-042f	24.47	0.3	0.00
VM-046a	25.81	0.0	0.00