

# Piano Strutturale

(art.53 LR n°1 del 3 gennaio 2005)

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*Analisi*



**Comune di  
Rignano sull'Arno**

Provincia di Firenze

Elaborato predisposto da:



**Elaborato 3.11**

**"Tabulati verifiche idrauliche"**

Aggiornamento luglio 2012

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## STATO ATTUALE

Tabulati verifiche idrauliche  $Tr = 20$  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
Arno_01	ARB0750__	-141006.8	1537.0	0.00	113.40	9.25	2.08	0.25	113.61	0.22	3210.6	6.81	108.9	108.9	112.8	3.89	74.20	74.20	6.58	109.98	1.0	1.0
Arno_01	ARB07492__	-140896.3	1535.9	0.00	113.36	8.41	1.92	0.33	113.54	0.19	3029.8	6.13	131.1	131.1	135.8	3.40	80.36	80.36	5.92	106.20	1.0	1.0
Arno_01	ARB07491__	-140868.1	1535.7	0.00	113.35	8.19	1.86	0.28	113.53	0.18	3168.6	6.27	131.9	131.9	136.3	3.48	82.77	82.77	6.07	107.09	1.0	1.0
Arno_01	ARB0749__	-140784.8	1535.5	0.00	113.10	9.19	2.61	0.32	113.45	0.35	2714.2	6.91	85.4	85.4	90.2	3.91	58.97	58.97	6.54	109.79	1.0	1.0
Arno_01	ARB0748__	-140724.3	1535.9	0.00	113.03	8.38	2.65	0.34	113.39	0.36	2476.3	6.28	92.7	92.7	97.8	3.55	58.21	58.21	5.95	106.37	1.0	1.0
Arno_01	ARB0747__	-140598.6	1536.5	0.00	112.76	9.87	3.06	0.36	113.23	0.48	2557.4	7.34	68.8	68.8	74.4	4.12	50.53	50.53	6.79	111.16	1.0	1.0
Arno_01	ARB0746__	-140349.7	1369.6	186.18	112.70	9.12	2.24	0.27	112.95	0.26	2649.6	6.90	88.8	88.8	92.7	3.82	61.25	61.25	6.61	110.18	1.0	1.0
Arno_01	ARB0745__	-139985.1	1266.9	113.58	112.58	8.99	1.76	0.24	112.71	0.16	3145.9	5.85	137.6	137.6	141.2	3.82	76.88	76.88	5.67	104.73	1.0	1.0
Arno_01	ARB0744__	-139695.5	1251.2	55.23	112.35	9.41	2.20	0.28	112.56	0.25	2793.2	6.78	90.1	90.7	95.0	4.16	61.14	61.14	6.47	109.40	1.0	1.0
Arno_01	ARB0743__	-139520.9	1309.6	-85.27	112.26	9.79	1.99	0.24	112.46	0.20	3154.3	7.32	90.0	90.0	94.8	4.39	65.90	65.90	6.95	111.65	1.0	1.0
Arno_01	ARB0742A__	-139289.9	1501.6	-194.52	112.05	10.12	2.29	0.27	112.32	0.27	3201.6	7.36	89.4	89.4	93.8	4.33	65.81	65.81	7.01	107.84	1.0	1.0
Arno_01	ARB0742B__	-139283.8	1501.6	0.00	112.03	10.09	2.37	0.28	112.31	0.29	3035.4	7.33	87.0	87.0	130.5	4.19	63.79	63.79	4.89	99.66	1.0	1.0
Arno_01	ARB0742C__	-139272.0	1501.8	0.00	112.01	10.08	2.37	0.28	112.29	0.29	3027.2	7.32	87.0	87.0	130.4	4.19	63.67	63.67	4.88	99.61	1.0	1.0
Arno_01	ARB0742D__	-139267.0	1476.7	57.29	112.02	10.09	2.27	0.27	112.28	0.26	3171.7	7.33	89.4	89.4	93.8	4.32	65.56	65.56	6.99	107.77	1.0	1.0
Arno_01	ARB0742__	-139236.4	1477.4	0.00	112.00	10.32	2.27	0.27	112.26	0.26	3302.7	7.48	87.7	87.7	92.8	4.52	65.55	65.55	7.07	109.79	1.0	1.0
Arno_02	ARB0742__	-139236.4	1384.5	78.14	112.00	10.32	2.13	0.25	112.23	0.23	3261.2	7.48	87.7	87.7	92.8	4.52	65.55	65.55	7.07	109.79	1.0	1.0
Arno_02	ARB0742__-01-ARB0741__	-139190.0	1317.0	73.19	111.99	10.11	2.08	0.24	112.20	0.22	3118.3	7.67	83.6	88.3	93.1	4.43	64.16	64.16	6.89	108.75	1.0	1.0
Arno_02	ARB0742__-02-ARB0741__	-139143.6	1237.5	109.53	111.97	9.91	2.04	0.25	112.17	0.21	2980.7	7.28	86.2	89.0	93.5	4.35	62.81	62.81	6.72	107.66	1.0	1.0
Arno_02	ARB0742__-03-ARB0741__	-139097.1	1188.0	53.46	111.96	9.70	2.02	0.25	112.15	0.21	2843.4	6.85	89.6	89.6	94.0	4.25	61.38	61.38	6.53	106.93	1.0	1.0
Arno_02	ARB0742__-04-ARB0741__	-139050.7	1143.0	47.46	111.94	9.48	2.00	0.26	112.13	0.20	2709.5	6.64	90.3	90.3	94.5	4.15	59.91	59.91	6.34	106.18	1.0	1.0
Arno_02	ARB0742__-05-ARB0741__	-139004.3	1103.1	43.54	111.92	9.27	2.00	0.26	112.10	0.20	2577.3	6.42	90.9	90.9	95.0	4.05	58.38	58.38	6.14	105.40	1.0	1.0
Arno_02	ARB0742__-06-ARB0741__	-138957.9	1068.9	36.21	111.90	9.06	2.00	0.27	112.08	0.20	2450.1	6.20	91.6	91.6	95.6	3.95	56.83	56.83	5.95	104.60	1.0	1.0
Arno_02	ARB0742__-07-ARB0741__	-138911.5	1043.7	36.89	111.87	8.84	2.02	0.27	112.05	0.21	2325.6	5.98	92.2	92.2	96.2	3.85	55.19	55.19	5.74	103.76	1.0	1.0
Arno_02	ARB0742__-08-ARB0741__	-138865.0	1027.3	32.86	111.84	8.61	2.04	0.28	112.02	0.21	2201.2	5.75	92.9	92.9	96.8	3.74	53.43	53.43	5.52	102.88	1.0	1.0
Arno_02	ARB0742__-09-ARB0741__	-138818.6	1017.7	31.94	111.79	8.37	2.13	0.30	111.99	0.23	2077.5	5.51	93.5	93.5	97.4	3.64	51.54	51.54	5.29	101.95	1.0	1.0
Arno_02	ARB0742__-10-ARB0741__	-138772.2	1009.5	27.40	111.74	8.12	2.23	0.32	111.95	0.25	1960.3	5.47	93.3	93.3	97.2	3.53	49.58	49.58	5.19	101.63	1.0	1.0
Arno_02	ARB0741__	-138725.7	1004.0	22.67	111.68	7.87	2.37	0.32	111.91	0.29	1852.6	5.48	91.9	91.9	96.1	3.45	47.50	47.50	5.10	101.08	1.0	1.0
Arno_02	ARB0741__-01-ARB0740__	-138681.5	1000.4	8.84	111.64	7.75	2.40	0.33	111.87	0.29	1814.6	5.31	90.4	90.4	94.2	3.40	47.06	47.06	5.05	100.76	1.0	1.0
Arno_02	ARB0741__-02-ARB0740__	-138637.4	999.7	2.03	111.60	7.62	2.43	0.34	111.83	0.30	1776.6	5.33	89.2	89.2	93.0	3.35	46.56	46.56	5.09	100.98	1.0	1.0
Arno_02	ARB0741__-03-ARB0740__	-138593.2	1000.2	-1.30	111.55	7.49	2.46	0.35	111.79	0.31	1738.3	5.33	88.3	88.3	92.1	3.30	46.02	46.02	5.09	101.00	1.0	1.0
Arno_02	ARB0741__-04-ARB0740__	-138549.0	999.7	0.00	111.50	7.36	2.50	0.36	111.75	0.32	1698.5	5.32	86.0	86.0	89.8	3.24	45.45	45.45	5.08	100.94	1.0	1.0
Arno_02	ARB0741__-05-ARB0740__	-138504.8	999.6	0.00	111.45	7.23	2.55	0.37	111.70	0.33	1659.3	5.37	83.6	83.6	87.7	3.19	44.91	44.91	5.12	101.22	1.0	1.0
Arno_02	ARB0740__	-138460.7	999.7	0.00	111.41	7.11	2.61	0.39	111.67	0.35	1622.0	5.38	82.6	82.6	87.1	3.14	44.39	44.39	5.10	101.05	1.0	1.0
Arno_02	ARB0740__-01-ARB0739__	-138412.8	999.6	0.00	111.35	7.15	2.65	0.39	111.62	0.36	1613.2	5.28	83.2	83.2	86.9	3.15	43.89	43.89	5.05	100.74	1.0	1.0
Arno_02	ARB0740__-02-ARB0739__	-138365.0	999.5	0.00	111.29	7.20	2.70	0.40	111.56	0.37	1603.5	5.18	83.7	83.7	87.0	3.15	43.41	43.41	4.99	100.32	1.0	1.0
Arno_02	ARB0740__-03-ARB0739__	-138317.1	999.4	0.00	111.23	7.24	2.75	0.41	111.51	0.39	1593.0	5.16	84.4	84.4	87.4	3.16	42.95	42.95	4.97	100.22	1.0	1.0
Arno_02	ARB0740__-04-ARB0739__	-138269.3	994.8	4.67	111.18	7.29	2.81	0.42	111.46	0.40	1582.7	5.15	83.0	83.0	85.8	3.16	42.59	42.59	4.98	100.25	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
Arno_02	ARB0740__-05-ARB0739__	-138221.4	991.2	3.54	111.12	7.34	2.88	0.44	111.40	0.42	1572.1	5.33	80.1	80.1	82.7	3.16	42.23	42.23	5.16	101.43	1.0	1.0
Arno_02	ARB0740__-06-ARB0739__	-138173.5	986.4	5.53	111.07	7.39	2.95	0.45	111.35	0.44	1562.4	5.41	77.6	77.6	80.2	3.16	41.94	41.94	5.23	101.91	1.0	1.0
Arno_02	ARB0739__	-138125.7	985.5	2.09	111.02	7.44	3.10	0.48	111.30	0.49	1553.8	5.44	76.6	76.6	79.2	3.16	41.66	41.66	5.26	102.11	1.0	1.0
Arno_02	ARB0739__-01-ARB0738__	-138081.5	984.6	2.16	111.00	7.57	2.96	0.46	111.25	0.45	1639.1	5.31	83.2	83.2	85.8	3.20	44.19	44.19	5.15	101.41	1.0	1.0
Arno_02	ARB0739__-02-ARB0738__	-138037.3	984.8	0.00	110.98	7.70	2.81	0.43	111.21	0.40	1731.8	5.30	88.7	88.7	91.1	3.24	46.98	46.98	5.16	101.45	1.0	1.0
Arno_02	ARB0739__-03-ARB0738__	-137993.1	985.7	1.49	110.97	7.83	2.67	0.41	111.17	0.36	1855.4	5.44	92.0	93.7	96.0	3.31	50.02	50.02	5.21	100.29	1.0	1.0
Arno_02	ARB0739__-04-ARB0738__	-137949.0	986.9	2.19	110.96	7.97	2.53	0.40	111.14	0.33	1994.3	5.55	95.7	95.7	98.0	3.40	53.09	53.09	5.42	99.66	1.0	1.0
Arno_02	ARB0739__-05-ARB0738__	-137904.8	989.3	6.54	110.95	8.10	2.39	0.38	111.11	0.29	2142.6	5.74	97.8	97.8	100.1	3.50	56.14	56.14	5.61	98.89	1.0	1.0
Arno_02	ARB0738__	-137860.6	994.0	13.37	110.93	8.23	2.25	0.36	111.08	0.26	2302.7	5.93	99.8	99.8	102.3	3.60	59.20	59.20	5.79	97.98	1.0	1.0
Arno_02	ARB0738__-01-ARB0737__	-137811.8	994.8	0.00	110.92	8.46	2.19	0.34	111.06	0.25	2412.8	6.19	97.0	97.0	99.6	3.74	60.04	60.04	6.03	99.37	1.0	1.0
Arno_03	ARB0738__-01-ARB0737__	-137811.8	1010.4	15.78	110.92	8.46	2.19	0.34	111.06	0.25	2418.1	6.19	97.0	97.0	99.6	3.74	60.04	60.04	6.03	99.37	1.0	1.0
Arno_03	ARB0738__-02-ARB0737__	-137762.9	1020.8	14.67	110.90	8.68	2.11	0.32	111.04	0.23	2518.5	6.45	94.1	94.1	97.0	3.86	60.74	60.74	6.26	101.07	1.0	1.0
Arno_03	ARB0738__-03-ARB0737__	-137714.1	1021.2	11.48	110.88	8.90	2.04	0.30	111.02	0.21	2618.4	6.74	91.3	91.3	94.4	3.98	61.48	61.48	6.51	102.79	1.0	1.0
Arno_03	ARB0738__-04-ARB0737__	-137665.2	1025.1	15.12	110.86	9.12	1.97	0.28	111.00	0.20	2717.5	7.03	88.4	88.4	91.9	4.09	62.17	62.17	6.76	104.49	1.0	1.0
Arno_03	ARB0737__	-137616.4	1032.7	18.38	110.85	9.35	1.90	0.26	110.98	0.18	2827.6	7.38	85.6	85.6	90.2	4.21	63.11	63.11	7.00	106.09	1.0	1.0
Arno_03	ARB0737__-01-ARB0736__	-137569.0	1042.6	13.95	110.84	9.32	1.85	0.26	110.97	0.17	2874.0	7.20	90.6	90.6	94.5	4.15	65.23	65.23	6.91	105.50	1.0	1.0
Arno_03	ARB0737__-02-ARB0736__	-137521.6	1055.4	-14.10	110.82	9.28	1.81	0.26	110.95	0.17	2920.1	7.03	95.8	95.8	99.2	4.09	67.34	67.34	6.79	104.75	1.0	1.0
Arno_03	ARB0737__-03-ARB0736__	-137474.1	1070.2	-17.02	110.81	9.25	1.78	0.25	110.93	0.16	2972.2	6.89	100.9	100.9	104.1	4.03	69.54	69.54	6.68	104.07	1.0	1.0
Arno_03	ARB0737__-04-ARB0736__	-137426.7	1086.6	-18.39	110.81	9.23	1.74	0.26	110.92	0.15	3088.2	6.36	116.0	116.0	119.1	3.96	73.79	73.79	6.20	100.80	1.0	1.0
Arno_03	ARB0737__-05-ARB0736__	-137379.3	1105.2	-21.60	110.79	9.19	1.71	0.26	110.90	0.15	3135.9	6.26	121.4	121.4	124.4	3.91	76.06	76.06	6.11	100.30	1.0	1.0
Arno_03	ARB0737__-06-ARB0736__	-137331.9	1125.8	-24.13	110.78	9.16	1.69	0.26	110.89	0.15	3185.3	6.17	126.9	126.9	129.8	3.85	78.36	78.36	6.04	99.80	1.0	1.0
Arno_03	ARB0736__	-137284.5	1149.6	-26.76	110.76	9.12	1.69	0.26	110.87	0.14	3213.1	6.07	132.4	132.4	135.3	3.79	80.41	80.41	5.94	99.26	1.0	1.0
Arno_03	ARB0736__-01-ARB0735__	-137238.7	1149.3	11.57	110.75	9.25	1.66	0.25	110.85	0.14	3263.4	6.16	131.0	131.0	133.5	3.84	80.68	80.68	6.04	100.10	1.0	1.0
Arno_03	ARB0736__-02-ARB0735__	-137192.8	1149.3	9.63	110.74	9.37	1.63	0.24	110.84	0.14	3313.6	6.24	129.6	129.6	131.9	3.89	80.93	80.93	6.14	100.91	1.0	1.0
Arno_03	ARB0736__-03-ARB0735__	-137147.0	1150.2	7.20	110.72	9.49	1.61	0.24	110.82	0.13	3359.2	6.33	128.2	128.2	130.3	3.94	81.10	81.10	6.22	101.67	1.0	1.0
Arno_03	ARB0736__-04-ARB0735__	-137101.1	1151.5	6.11	110.71	9.62	1.60	0.23	110.81	0.13	3408.6	6.41	126.8	126.8	128.8	3.99	81.30	81.30	6.31	102.41	1.0	1.0
Arno_03	ARB0736__-05-ARB0735__	-137055.3	1154.1	7.01	110.70	9.74	1.58	0.23	110.80	0.13	3453.3	6.49	125.4	125.4	127.3	4.04	81.42	81.42	6.39	103.10	1.0	1.0
Arno_03	ARB0736__-06-ARB0735__	-137009.4	1157.2	7.50	110.68	9.86	1.57	0.22	110.78	0.13	3494.4	6.57	124.0	124.0	125.9	4.08	81.47	81.47	6.47	103.77	1.0	1.0
Arno_03	ARB0735__	-136963.6	1162.3	8.98	110.67	9.99	1.56	0.22	110.77	0.12	3536.9	6.65	122.6	122.6	124.5	4.13	81.52	81.52	6.55	104.40	1.0	1.0
Arno_03	ARB0735__-01-ARB0734__	-136915.4	1162.1	0.00	110.65	9.76	1.61	0.23	110.75	0.13	3414.7	6.54	122.1	122.1	123.9	4.06	79.82	79.82	6.44	103.76	1.0	1.0
Arno_04	ARB0735__-01-ARB0734__	-136915.4	1149.0	23.75	110.65	9.76	1.58	0.23	110.75	0.13	3410.8	6.54	122.1	122.1	123.9	4.06	79.82	79.82	6.44	103.76	1.0	1.0
Arno_04	ARB0735__-02-ARB0734__	-136867.2	1132.8	26.30	110.63	9.54	1.58	0.23	110.74	0.13	3288.9	6.43	121.6	121.6	123.3	3.99	78.21	78.21	6.34	103.12	1.0	1.0
Arno_04	ARB0735__-03-ARB0734__	-136819.0	1120.4	27.38	110.62	9.31	1.58	0.23	110.73	0.13	3165.4	6.33	121.0	121.0	122.8	3.92	76.55	76.55	6.24	102.44	1.0	1.0
Arno_04	ARB0735__-04-ARB0734__	-136770.8	1111.7	30.96	110.60	9.08	1.57	0.23	110.71	0.13	3041.2	6.21	120.5	120.5	122.2	3.84	74.86	74.86	6.12	101.73	1.0	1.0
Arno_04	ARB0735__-05-ARB0734__	-136722.6	1108.2	34.17	110.57	8.85	1.57	0.24	110.69	0.13	2917.6	6.10	120.0	120.0	121.7	3.76	73.13	73.13	6.01	100.99	1.0	1.0
Arno_04	ARB0734__	-136674.4	1109.6	35.19	110.55	8.62	1.62	0.24	110.67	0.13	2800.2	5.98	119.4	119.4	121.3	3.67	71.44	71.44	5.89	100.25	1.0	1.0
Arno_04	ARB0734__-01-ARB0733__	-136632.6	1113.4	-14.83	110.51	8.33	1.73	0.26	110.65	0.15	2568.7	5.77	117.7	117.7	119.4	3.51	67.96	67.96	5.69	100.29	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
Arno_04	ARB0734_-02-ARB0733__	-136590.7	1119.2	-23.83	110.48	8.04	1.89	0.30	110.63	0.18	2345.8	5.53	116.1	116.1	117.9	3.35	64.21	64.21	5.45	100.06	1.0	1.0
Arno_04	ARB0734_-03-ARB0733__	-136548.9	1120.3	-34.00	110.43	7.74	2.12	0.34	110.60	0.23	2130.2	5.27	114.4	114.4	116.3	3.18	60.27	60.27	5.18	99.73	1.0	1.0
Arno_04	ARB0734_-04-ARB0733__	-136507.0	1125.4	-37.24	110.37	7.43	2.41	0.40	110.57	0.30	1920.6	4.97	112.7	112.7	114.8	3.02	56.02	56.02	4.88	99.18	1.0	1.0
Arno_04	ARB0734_-05-ARB0733__	-136465.2	1140.7	-34.34	110.27	7.08	2.79	0.46	110.53	0.40	1728.2	4.64	110.3	110.3	112.5	2.88	51.12	51.12	4.54	97.24	1.0	1.0
Arno_04	ARB0733__	-136423.3	1182.2	-42.76	110.12	6.67	3.25	0.55	110.46	0.54	1556.4	4.21	108.2	108.2	110.8	2.73	45.58	45.58	4.12	94.08	1.0	1.0
Arno_04	ARB0733_-01-ARB0732__	-136376.0	1182.4	0.00	110.10	7.15	2.80	0.45	110.37	0.40	1785.0	4.61	110.6	110.6	113.1	2.95	51.02	51.02	4.51	97.02	1.0	1.0
Arno_05	ARB0733_-01-ARB0732__	-136376.0	1223.4	-48.05	110.10	7.15	2.81	0.45	110.39	0.40	1804.7	4.61	110.6	110.6	113.1	2.95	51.02	51.02	4.51	97.02	1.0	1.0
Arno_05	ARB0733_-02-ARB0732__	-136328.7	1275.0	-53.15	110.07	7.62	2.44	0.37	110.33	0.30	2095.6	4.77	119.1	119.1	121.5	3.17	56.85	56.85	4.68	97.95	1.0	1.0
Arno_05	ARB0733_-03-ARB0732__	-136281.4	1327.6	-52.97	110.05	8.10	2.14	0.31	110.28	0.23	2461.5	5.12	123.9	123.9	126.3	3.43	63.48	63.48	5.02	99.79	1.0	1.0
Arno_05	ARB0733_-04-ARB0732__	-136234.1	1384.3	-56.82	110.04	8.59	1.95	0.28	110.23	0.19	2862.3	5.50	128.8	128.8	131.3	3.65	70.84	70.84	5.39	100.06	1.0	1.0
Arno_05	ARB0733_-05-ARB0732__	-136186.8	1443.3	-59.20	110.03	9.08	1.83	0.25	110.20	0.17	3293.7	5.91	133.6	133.6	136.4	3.83	78.92	78.92	5.79	102.53	1.0	1.0
Arno_05	ARB0732__	-136139.5	1500.8	-59.67	110.03	9.58	1.71	0.22	110.17	0.15	3780.3	6.33	138.5	138.5	141.5	4.01	87.71	87.71	6.20	105.00	1.0	1.0
Arno_05	ARB0732_-01-ARB0731__	-136094.8	1499.3	1.20	109.95	8.98	1.96	0.25	110.15	0.20	3244.8	6.36	120.5	120.5	124.2	3.84	76.65	76.65	6.17	107.68	1.0	1.0
Arno_05	ARB0732_-02-ARB0731__	-136050.2	1499.7	-1.39	109.88	8.39	2.13	0.27	110.11	0.23	2888.6	6.26	112.5	112.5	116.1	3.64	70.48	70.48	6.07	107.09	1.0	1.0
Arno_05	ARB0732_-03-ARB0731__	-136005.5	1502.3	-4.91	109.79	7.77	2.34	0.31	110.07	0.28	2543.3	5.98	107.3	107.3	110.4	3.40	64.17	64.17	5.81	105.53	1.0	1.0
Arno_05	ARB0732_-04-ARB0731__	-135960.9	1518.6	-20.79	109.66	7.12	2.64	0.36	110.02	0.36	2215.0	5.65	101.7	101.7	104.5	3.14	57.49	57.49	5.50	103.59	1.0	1.0
Arno_05	ARB0731__	-135916.2	1524.9	-7.13	109.47	6.40	3.03	0.44	109.94	0.47	1899.0	5.23	96.2	96.2	98.6	2.84	50.30	50.30	5.10	100.95	1.0	1.0
Arno_05	ARB0730__	-135647.6	1525.3	10.04	109.24	7.99	2.46	0.31	109.55	0.31	2594.4	6.38	97.2	97.2	101.9	3.57	62.03	62.03	6.09	107.21	1.0	1.0
Arno_05	ARB0729A	-135631.2	1525.3	0.00	108.94	9.19	3.34	0.43	109.50	0.57	2091.3	6.10	75.0	75.0	81.7	3.44	45.74	45.74	5.60	104.23	1.0	1.0
Arno_05	ARB0728B	-135626.2	1525.3	0.00	108.51	8.76	4.17	0.52	109.40	0.89	1909.8	6.52	56.1	56.1	75.5	3.45	36.60	36.60	4.85	99.34	1.0	1.0
Arno_05	ARB0728C	-135617.9	1525.3	0.00	108.46	8.71	4.20	0.53	109.36	0.90	1896.7	6.47	56.1	56.1	75.3	3.43	36.32	36.32	4.82	99.17	1.0	1.0
Arno_05	ARB0727D	-135612.9	1525.3	0.00	107.16	6.30	6.07	1.00	109.04	1.88	1499.7	3.74	67.2	67.2	71.6	2.21	25.14	25.14	3.51	89.25	1.0	1.0
Arno_05	ARB0726__	-135594.5	1497.1	44.58	107.67	5.47	3.62	0.54	108.34	0.67	1544.9	4.53	91.4	91.4	94.6	2.40	41.38	41.38	4.37	96.01	1.0	1.0
Arno_05	ARB07242A	-135525.1	1497.4	0.00	107.03	3.27	4.22	0.80	107.94	0.91	1163.3	2.85	124.6	124.6	127.4	1.46	35.46	35.46	2.78	82.58	1.0	1.0
Arno_05	ARB07242	-135520.1	1497.4	0.00	106.63	2.87	4.93	1.00	107.86	1.24	1136.1	2.47	123.3	123.3	125.7	1.26	30.40	30.40	2.42	78.79	1.0	1.0
Arno_05	ARB07241	-135506.3	1525.6	-44.14	107.19	9.34	1.69	0.20	107.33	0.15	3656.1	6.97	129.5	135.3	136.3	3.76	90.18	90.80	6.62	110.22	1.0	1.0
Arno_05	ARB0724__	-135399.1	1525.2	0.00	107.18	10.33	1.48	0.18	107.29	0.11	4362.2	7.10	145.0	170.7	148.4	4.01	102.96	105.68	6.94	111.99	1.0	1.0
Arno_05	ARB0723__	-135161.3	1526.2	0.00	106.61	7.76	2.90	0.43	107.04	0.43	2043.9	4.79	111.8	111.8	114.8	3.03	52.56	52.56	4.67	98.12	1.0	1.0
Arno_05	ARB0722__	-134831.8	1525.9	0.00	105.19	9.36	4.28	0.58	106.13	0.94	1890.2	5.64	63.2	63.2	67.5	3.44	35.63	35.63	5.28	102.23	1.0	1.0
Arno_05	ARB0721__	-134566.6	1525.8	0.00	104.68	6.43	3.30	0.55	105.24	0.55	1644.5	4.53	102.3	102.3	106.4	2.45	46.29	46.29	4.35	95.80	1.0	1.0
Arno_05	ARB0720__	-134404.8	1527.0	0.00	104.13	6.53	3.44	0.78	104.73	0.60	1640.4	3.97	120.0	120.0	122.5	2.48	44.59	44.59	3.88	92.27	1.0	1.0
Arno_05	ARE0719__	-134243.7	1527.1	0.00	103.79	7.02	3.02	0.46	104.25	0.46	1941.0	4.68	108.2	108.2	110.5	2.91	50.60	50.60	4.58	97.49	1.0	1.0
Arno_05	ARE0718__	-134069.8	1527.1	0.00	103.21	6.66	3.42	0.67	103.81	0.60	1770.5	4.39	101.6	101.6	104.1	2.77	44.66	44.66	4.29	95.39	1.0	1.0
Arno_05	ARE0716__	-133644.5	1526.5	0.00	102.20	8.94	3.22	0.45	102.73	0.53	2092.8	5.25	90.2	90.2	95.9	3.36	47.36	47.36	4.94	99.99	1.0	1.0
Arno_05	ARE0715__	-133396.6	1525.7	0.00	101.76	8.74	2.85	0.46	102.17	0.41	2059.6	4.26	125.8	125.8	130.3	3.02	53.64	53.64	4.12	94.05	1.0	1.0
Arno_05	ARE0713__	-132927.9	1525.8	0.00	100.70	8.64	2.95	0.45	101.14	0.44	2214.5	4.98	118.2	122.4	127.3	3.38	52.05	52.05	4.66	98.10	1.0	1.0
Arno_05	ARE0712__	-132673.5	1526.0	0.00	100.03	8.91	3.31	0.42	100.59	0.56	2213.9	6.46	73.7	78.0	84.5	3.68	46.20	46.20	5.91	106.17	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
Arno_05	ARE0711__	-132574.3	1525.7	0.00	100.06	7.24	2.56	0.35	100.39	0.33	2259.9	5.56	107.2	107.2	111.3	3.13	59.60	59.60	5.36	102.73	1.0	1.0
Arno_05	ARE0710A__	-132537.6	1531.7	0.00	99.69	6.35	3.45	0.50	100.29	0.61	1702.9	4.91	90.6	90.6	99.6	2.62	44.44	44.44	4.46	96.63	1.0	1.0
Arno_05	ARE0709B__	-132536.6	1531.7	0.00	99.60	6.26	3.63	0.52	100.27	0.67	1670.6	4.95	85.3	85.3	100.7	2.62	42.21	42.21	4.19	94.63	1.0	1.0
Arno_05	ARE0709C__	-132526.1	1531.6	0.00	99.54	6.20	3.67	0.53	100.23	0.69	1653.1	4.89	85.3	85.3	100.5	2.59	41.71	41.71	4.15	94.32	1.0	1.0
Arno_05	ARE0708D__	-132525.1	1531.6	0.00	99.56	6.23	3.52	0.51	100.19	0.63	1662.4	4.80	90.8	90.8	100.3	2.56	43.54	43.54	4.34	95.73	1.0	1.0
Arno_05	ARE0707__	-132231.2	1532.6	0.00	98.28	7.57	3.97	0.88	98.83	0.80	1512.9	2.69	195.6	195.6	199.4	2.14	46.58	46.58	2.61	80.87	1.0	1.0
Arno_05	ARE0706__	-131931.2	1532.6	0.00	96.81	8.07	3.64	0.52	97.49	0.68	1866.5	5.33	79.0	79.0	82.5	3.08	42.08	42.08	5.10	101.05	1.0	1.0
Arno_05	ARE0705__	-131699.1	1532.2	0.00	95.99	8.62	3.98	0.56	96.79	0.81	1923.0	5.16	74.6	74.6	78.6	3.38	38.50	38.50	4.90	99.71	1.0	1.0
Arno_05	ARE0704__	-131547.0	1532.2	0.00	95.52	7.95	3.69	0.60	96.21	0.69	1759.7	4.04	109.3	109.3	112.1	2.84	41.76	41.76	3.93	92.65	1.0	1.0
Arno_05	ARE0703__	-131216.3	1532.2	0.00	94.43	8.39	3.42	0.53	95.02	0.60	1787.3	4.35	103.7	103.7	108.3	2.80	44.78	44.78	4.16	94.47	1.0	1.0
Arno_05	ARE0702__	-130901.2	1531.8	0.00	93.39	6.19	3.40	0.56	93.98	0.59	1600.8	3.72	121.1	121.1	123.8	2.37	45.05	45.05	3.64	90.25	1.0	1.0
Arno_05	ARE0701__	-130505.6	1532.0	0.00	91.84	6.34	3.64	0.71	92.51	0.68	1568.6	3.96	106.2	106.2	109.1	2.38	42.09	42.09	3.86	92.10	1.0	1.0
Arno_05	ARE0700__	-130230.8	1532.3	0.00	90.41	7.35	4.33	0.63	91.36	0.95	1737.3	4.83	73.3	73.3	78.5	3.00	35.41	35.41	4.51	96.99	1.0	1.0
Arno_05	ARE0699__	-130034.9	1532.1	0.00	89.77	5.89	3.80	0.60	90.50	0.73	1512.7	4.06	99.5	99.5	101.9	2.28	40.39	40.39	3.96	92.88	1.0	1.0
Arno_05	ARE0698__	-129808.7	1531.9	0.00	89.21	5.08	3.11	0.62	89.69	0.49	1532.2	3.92	126.0	126.0	128.4	2.13	49.39	49.39	3.85	91.99	1.0	1.0
Arno_05	ARE0697__	-129561.4	1534.1	0.00	88.31	6.12	3.56	0.57	88.96	0.65	1639.4	4.51	95.6	95.6	97.8	2.51	43.10	43.10	4.41	96.25	1.0	1.0
Arno_05	ARE0696__	-129375.6	1534.4	0.00	87.37	6.36	4.15	0.68	88.25	0.88	1602.7	4.30	86.1	86.1	87.7	2.58	37.01	37.01	4.22	94.84	1.0	1.0
Arno_05	ARE0695__	-129297.4	1534.5	0.00	87.04	7.14	4.17	0.65	87.92	0.89	1650.4	4.77	77.3	77.3	81.9	2.72	36.84	36.84	4.50	96.85	1.0	1.0
Arno_05	ARE0693__	-128798.5	1534.6	0.00	85.33	8.00	3.91	0.56	86.10	0.78	1833.1	5.14	76.5	76.5	79.5	3.11	39.32	39.32	4.95	100.05	1.0	1.0
Arno_05	ARE0692__	-128545.2	1535.6	0.00	84.80	7.94	3.41	0.58	85.39	0.59	1899.3	5.49	82.2	82.2	86.8	3.04	45.12	45.12	5.20	101.69	1.0	1.0
Arno_05	ARB0691__	-128251.3	1523.5	53.54	84.11	8.11	3.79	0.56	84.71	0.73	1947.1	5.34	80.7	80.7	85.6	3.32	43.12	43.12	5.03	100.60	1.0	1.0
Arno_05	ARB0690__	-127892.4	1524.1	0.00	83.93	8.63	2.20	0.40	84.10	0.25	2782.6	4.90	163.9	163.9	166.2	3.16	79.32	79.32	4.83	99.23	1.0	1.0
Arno_05	ARB0689__	-127674.6	1540.1	-53.77	83.57	8.40	2.90	0.51	83.89	0.43	2429.2	5.70	106.5	106.5	109.6	3.36	60.73	60.73	5.54	103.89	1.0	1.0
Arno_05	ARB0687__	-127384.1	2255.1	0.00	82.75	10.33	3.36	0.50	83.32	0.57	3225.7	5.72	141.6	141.6	145.9	3.65	67.17	67.17	5.48	103.49	1.0	1.0
Arno_05	ARB0686__	-127078.2	2256.3	0.00	81.90	9.02	3.61	0.66	82.56	0.66	2907.5	5.52	113.5	113.5	115.9	3.32	62.58	62.58	5.40	102.96	1.0	1.0
Arno_05	ARB0685__	-126951.0	2256.0	0.00	81.47	8.94	3.92	0.49	82.25	0.78	3058.5	6.46	89.1	89.1	93.0	3.75	57.60	57.60	6.19	107.80	1.0	1.0
Arno_05	ARB0684__	-126680.8	2254.5	0.00	80.99	8.99	3.56	0.46	81.64	0.65	3167.8	6.23	101.7	101.7	105.7	3.71	63.32	63.32	5.99	106.64	1.0	1.0
Arno_05	ARB0683__	-126603.6	2211.7	42.39	81.13	11.32	2.61	0.30	81.47	0.35	4573.8	7.61	111.5	111.5	117.8	4.70	84.85	84.85	7.21	113.40	1.0	1.0
Arno_05	ARB0682__	-126340.3	2142.4	69.88	80.71	9.56	2.99	0.45	81.15	0.46	3185.6	5.57	130.4	130.4	133.5	3.50	72.70	72.70	5.45	103.28	1.0	1.0
Arno_05	ARB0682__-01-ARB0681__	-126294.1	2142.4	0.07	80.60	9.46	3.09	0.49	81.07	0.49	3104.9	5.31	140.2	140.2	143.4	3.46	70.67	70.67	5.17	101.51	1.0	1.0
Arno_05	ARB0682__-02-ARB0681__	-126247.9	2141.8	0.00	80.48	9.35	3.19	0.52	80.98	0.52	3038.7	5.32	134.9	134.9	138.3	3.44	68.53	68.53	5.17	101.50	1.0	1.0
Arno_05	ARB0682__-03-ARB0681__	-126201.7	2140.6	0.00	80.36	9.24	3.27	0.54	80.88	0.55	2984.8	5.36	129.9	129.9	133.6	3.43	66.68	66.68	5.19	101.65	1.0	1.0
Arno_05	ARB0682__-04-ARB0681__	-126155.5	2139.8	0.00	80.23	9.13	3.34	0.54	80.78	0.57	2941.0	5.33	125.2	125.2	129.3	3.41	65.28	65.28	5.15	101.39	1.0	1.0
Arno_05	ARB0681__	-126109.3	2139.4	0.00	80.11	9.02	3.41	0.58	80.68	0.59	2904.1	5.26	123.9	123.9	128.4	3.40	64.12	64.12	5.06	100.81	1.0	1.0
Arno_06	ARB0681__	-126109.3	2140.7	0.00	80.11	9.02	3.42	0.59	80.68	0.59	2905.0	5.26	123.9	123.9	128.4	3.40	64.12	64.12	5.06	100.81	1.0	1.0
Arno_06	ARB0681__-01-ARB0680__	-126065.3	2140.3	0.00	80.03	9.14	3.37	0.64	80.58	0.58	2949.1	5.59	118.0	118.0	122.6	3.44	64.80	64.80	5.38	102.86	1.0	1.0
Arno_06	ARB0681__-02-ARB0680__	-126021.4	2139.8	0.00	79.96	9.29	3.28	0.69	80.50	0.55	3042.6	6.01	110.9	110.9	115.9	3.54	66.14	66.14	5.74	105.15	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
Arno_06	ARB0680__	-125977.4	2139.6	0.00	79.92	9.45	3.37	1.01	80.42	0.58	3188.2	6.43	105.9	105.9	112.1	3.68	68.08	68.08	6.07	107.11	1.0	1.0
Arno_06	ARB0679A__	-125971.1	2139.7	0.00	79.95	9.05	2.99	0.91	80.40	0.46	3369.6	6.65	108.6	108.6	112.4	3.77	72.19	72.19	6.42	109.12	1.0	1.0
Arno_06	ARB0678B__	-125970.1	2139.7	0.00	79.73	9.48	3.49	0.42	80.35	0.62	3437.7	10.34	77.3	77.3	160.4	4.36	61.49	61.49	3.92	92.55	1.0	1.0
Arno_06	ARB0678C__	-125962.1	2139.8	0.00	79.70	9.45	3.51	0.43	80.32	0.63	3419.2	10.27	77.4	77.4	159.6	4.34	61.29	61.29	3.92	92.54	1.0	1.0
Arno_06	ARB0677D__	-125961.1	2139.8	0.00	79.79	9.69	2.97	0.54	80.23	0.45	3406.5	5.69	128.3	128.3	131.5	3.80	72.95	72.95	5.56	104.02	1.0	1.0
Arno_06	ARB0676__	-125945.0	2139.9	0.00	79.67	10.08	3.23	0.39	80.19	0.53	3470.5	7.61	87.8	87.8	96.1	4.15	66.79	66.79	6.95	112.03	1.0	1.0
Arno_06	ARB0675__	-125859.4	2139.7	0.00	79.39	10.59	3.63	0.42	80.05	0.67	3485.4	7.80	76.3	78.9	87.2	4.54	59.49	59.49	7.01	112.36	1.0	1.0
Arno_06	ARB0675__-01-ARB0674__	-125819.5	2139.9	0.00	79.38	10.56	3.45	0.40	79.98	0.61	3542.5	7.46	84.1	84.1	89.0	4.47	62.61	62.61	7.05	112.59	1.0	1.0
Arno_06	ARB0675__-02-ARB0674__	-125779.7	2140.4	0.00	79.34	10.49	3.38	0.40	79.91	0.58	3574.6	7.49	85.2	85.2	90.1	4.46	63.80	63.80	7.08	112.75	1.0	1.0
Arno_06	ARB0675__-03-ARB0674__	-125739.8	2140.6	0.00	79.31	10.42	3.32	0.39	79.86	0.56	3609.0	7.50	86.6	86.6	91.7	4.45	65.00	65.00	7.09	112.77	1.0	1.0
Arno_06	ARB0674__	-125700.0	2140.7	0.00	79.27	10.36	3.26	0.38	79.80	0.54	3642.0	7.52	88.0	88.0	93.4	4.44	66.13	66.13	7.08	112.75	1.0	1.0
Arno_06	ARB0674__-01-ARB0673__	-125654.5	2140.8	0.00	79.17	10.32	3.36	0.39	79.74	0.58	3528.6	7.46	86.1	86.1	91.0	4.36	64.24	64.24	7.06	112.61	1.0	1.0
Arno_06	ARB0674__-02-ARB0673__	-125609.1	2141.2	0.00	79.07	10.28	3.45	0.41	79.67	0.61	3422.2	7.41	84.4	84.4	89.1	4.28	62.57	62.57	7.03	112.45	1.0	1.0
Arno_06	ARB0674__-03-ARB0673__	-125563.6	2141.3	0.00	78.97	10.24	3.54	0.42	79.60	0.64	3324.1	7.31	83.6	83.6	88.1	4.19	61.12	61.12	6.94	111.99	1.0	1.0
Arno_06	ARB0674__-04-ARB0673__	-125518.2	2141.1	0.00	78.87	10.19	3.62	0.44	79.52	0.67	3229.9	7.17	83.4	83.4	87.7	4.10	59.75	59.75	6.82	111.31	1.0	1.0
Arno_06	ARB0674__-05-ARB0673__	-125472.7	2140.9	0.00	78.75	10.13	3.71	0.45	79.43	0.70	3137.8	7.00	83.5	83.5	87.7	4.01	58.40	58.40	6.66	110.47	1.0	1.0
Arno_06	ARB0673__	-125427.3	2140.9	0.00	78.63	10.07	3.80	0.47	79.34	0.74	3046.3	6.81	83.8	83.8	87.9	3.91	57.03	57.03	6.49	109.50	1.0	1.0
Arno_06	ARB0673__-01-ARB0672__	-125381.5	2141.1	0.00	78.64	10.23	3.45	0.43	79.24	0.61	3255.9	6.93	90.7	90.7	94.7	4.00	62.79	62.79	6.63	110.30	1.0	1.0
Arno_06	ARB0673__-02-ARB0672__	-125335.8	2141.3	0.00	78.66	10.39	3.14	0.38	79.15	0.50	3506.7	7.05	97.6	97.6	101.7	4.11	68.84	68.84	6.77	111.07	1.0	1.0
Arno_06	ARB0673__-03-ARB0672__	-125290.0	2141.1	0.00	78.67	10.55	2.88	0.35	79.08	0.42	3802.2	7.19	104.7	104.7	108.9	4.23	75.23	75.23	6.91	111.82	1.0	1.0
Arno_06	ARB0673__-04-ARB0672__	-125244.2	2140.7	0.00	78.68	10.70	2.64	0.31	79.02	0.35	4143.9	7.32	112.0	112.0	116.5	4.36	81.97	81.97	7.04	112.50	1.0	1.0
Arno_06	ARB0673__-05-ARB0672__	-125198.5	2140.2	0.00	78.69	10.86	2.43	0.29	78.98	0.30	4534.7	7.42	120.1	120.1	125.0	4.50	89.08	89.08	7.13	113.00	1.0	1.0
Arno_06	ARB0672__	-125152.7	2139.9	0.00	78.69	11.01	2.24	0.26	78.94	0.26	4976.3	7.46	129.4	129.4	135.0	4.65	96.61	96.61	7.16	113.13	1.0	1.0
Arno_06	ARB06723A	-125048.9	2139.4	0.00	78.46	11.36	2.77	0.38	78.83	0.39	3666.4	5.39	148.1	148.1	150.7	3.89	79.18	79.18	5.30	102.35	1.0	1.0
Arno_06	ARB06722B	-125047.9	2139.4	0.00	78.46	11.76	2.76	0.38	78.83	0.39	3787.5	5.43	146.6	146.6	174.8	4.03	79.43	79.43	4.54	97.23	1.0	1.0
Arno_06	ARB06722C	-125035.8	2139.4	0.00	78.44	11.74	2.78	0.38	78.81	0.39	3770.8	5.43	146.3	146.3	174.4	4.02	79.07	79.07	4.54	97.21	1.0	1.0
Arno_06	ARB06721D	-125034.8	2139.3	0.00	78.42	10.82	2.80	0.36	78.81	0.40	3833.2	6.32	123.0	123.0	126.3	4.16	77.80	77.80	6.16	107.60	1.0	1.0
Arno_06	ARB0671__	-124893.0	1917.4	244.19	78.38	12.53	2.35	0.26	78.66	0.28	4645.7	8.57	95.5	95.5	99.9	5.12	81.84	81.84	8.19	114.51	1.0	1.0
Arno_06	ARB0670__	-124598.1	1918.7	0.00	77.89	10.48	3.11	0.39	78.37	0.49	3176.6	7.03	88.7	88.7	94.9	4.13	62.30	62.30	6.56	109.93	1.0	1.0
Arno_06	ARB0669__	-124427.0	1919.7	0.00	77.72	10.22	2.93	0.35	78.16	0.44	3462.2	7.75	85.1	85.1	93.6	4.38	65.98	65.98	7.05	112.58	1.0	1.0
Arno_06	ARB0668__	-124065.8	1922.8	0.00	77.46	10.56	2.54	0.33	77.78	0.33	3766.9	6.91	111.1	111.1	115.6	4.27	76.72	76.72	6.64	110.33	1.0	1.0
Arno_06	ARB0667__	-123870.5	2251.7	-328.20	77.30	10.26	2.44	0.31	77.60	0.30	4153.0	6.24	147.6	147.6	151.4	3.90	92.12	92.12	6.09	105.85	1.0	1.0
Arno_06	ARB0666__	-123732.6	2252.2	0.00	76.99	10.41	2.98	0.36	77.44	0.45	3793.0	6.90	109.4	109.4	113.3	4.11	75.54	75.54	6.66	110.48	1.0	1.0
Arno_06	ARB0665__	-123421.8	2263.6	-10.52	76.73	10.25	2.71	0.31	77.10	0.37	4294.6	7.68	108.8	108.8	113.8	4.39	83.62	83.62	7.35	114.16	1.0	1.0
Arno_06	ARB0664__	-123181.0	2262.4	0.00	76.48	10.29	2.76	0.34	76.87	0.39	4129.1	6.78	121.2	121.2	125.8	4.26	82.10	82.10	6.53	109.72	1.0	1.0
Arno_06	ARB0663__	-122717.3	2261.3	0.00	75.25	8.51	3.88	0.51	76.01	0.77	2882.5	5.85	99.6	99.6	102.8	3.41	58.33	58.33	5.67	104.70	1.0	1.0
Arno_06	ARB0662__	-122463.2	1861.3	405.22	74.65	9.11	3.67	0.51	75.33	0.69	2486.3	5.29	96.1	96.1	98.7	3.52	50.88	50.88	5.16	99.18	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
Arno_06	ARB0661__	-122143.2	1863.3	0.00	73.08	6.70	4.40	0.69	74.07	0.98	1905.1	4.19	101.3	101.3	103.7	2.52	42.39	42.39	4.09	93.89	1.0	1.0
Arno_06	ARB06602A	-122035.3	1963.1	-101.18	72.60	3.49	3.95	0.77	73.38	0.80	1534.7	2.85	175.9	175.9	177.5	1.50	50.13	50.13	2.82	82.98	1.0	1.0
Arno_06	ARB06602__	-122030.3	1997.8	-34.95	72.08	2.97	4.86	1.01	73.29	1.20	1504.3	2.39	172.0	172.0	173.5	1.25	41.14	41.14	2.37	78.29	1.0	1.0
Arno_06	ARB06601__	-121996.3	2068.0	-70.75	72.39	8.16	1.45	0.18	72.49	0.11	5282.2	6.65	214.6	214.6	219.1	3.49	142.80	142.80	6.57	109.98	1.0	1.0
Arno_06	ARB0659__	-121706.8	2086.3	0.00	72.06	8.56	2.16	0.48	72.29	0.24	2984.1	4.26	231.8	231.8	236.4	2.57	98.68	98.68	4.17	94.52	1.0	1.0
Arno_06	ARB0658__	-121438.9	1989.7	122.24	71.48	8.23	2.95	0.46	71.89	0.44	2834.9	5.02	139.5	139.5	142.4	3.22	70.07	70.07	4.92	98.59	1.0	1.0
Arno_06	ARB0657__	-121135.3	2028.5	-82.97	71.03	8.01	2.86	0.41	71.42	0.42	3034.9	5.71	128.8	128.8	130.6	3.35	73.55	73.55	5.63	100.78	1.0	1.0
Arno_06	ARB0656__	-120868.5	2095.1	-113.81	70.51	7.49	3.19	0.48	70.99	0.52	2679.6	5.33	128.5	128.5	130.2	2.96	68.51	68.51	5.26	102.10	1.0	1.0
Arno_06	ARB0655__	-120740.6	2267.3	-189.30	70.35	7.90	2.93	0.38	70.78	0.44	3293.1	6.09	127.7	127.7	129.9	3.37	77.82	77.82	5.99	106.61	1.0	1.0
Arno_06	ARB0654__	-120492.3	2279.7	10.36	69.87	7.53	3.21	0.44	70.39	0.53	2941.0	5.67	126.0	126.0	127.9	3.08	71.45	71.45	5.59	104.14	1.0	1.0
Arno_06	ARB06532A	-120263.7	2285.2	0.00	69.90	4.37	2.48	0.71	70.04	0.31	3290.3	4.30	313.8	313.8	317.9	2.15	134.77	134.77	4.24	95.02	1.0	1.0
Arno_06	ARB06532__	-120258.7	2285.3	0.00	69.89	4.36	3.09	1.03	70.04	0.49	3285.6	4.29	313.8	313.8	317.9	2.15	134.65	134.65	4.24	94.99	1.0	1.0
Arno_06	ARB06531__	-120236.1	2285.9	0.00	69.97	9.73	0.89	0.10	70.01	0.04	11281.5	8.46	303.1	303.1	306.2	4.32	256.47	256.47	8.38	119.24	1.0	1.0
Arno_06	ARB0652__	-119915.6	2239.4	62.05	69.36	11.78	3.03	0.38	69.81	0.47	3766.6	6.73	112.2	121.5	118.4	4.10	75.47	75.65	6.38	108.88	1.0	1.0
Arno_06	ARB0651__	-119710.0	2159.4	137.89	68.99	12.49	3.27	0.37	69.53	0.54	3773.7	7.91	84.0	84.0	89.8	4.60	66.44	66.44	7.40	112.48	1.0	1.0
Arno_06	ARB0650__	-119285.6	2166.1	0.00	68.33	7.53	3.21	0.45	68.85	0.52	2879.8	5.71	120.1	122.6	127.0	3.20	68.07	68.07	5.51	103.68	1.0	1.0
Arno_06	ARB0649__	-119075.1	2170.2	0.00	68.01	7.00	3.13	0.69	68.43	0.50	2664.6	4.77	157.3	176.0	159.9	2.70	75.07	76.90	4.70	98.29	1.0	1.0
Arno_06	ARB06482A	-118989.4	2293.4	-138.38	68.03	6.24	2.64	0.73	68.28	0.36	3463.7	5.71	179.8	179.8	189.5	2.87	102.60	102.60	5.41	103.08	1.0	1.0
Selceto	SE0001_A	-11.5	82.7	0.00	112.38	2.69	3.26	0.70	112.93	0.54	61.5	2.66	9.5	9.5	14.7	1.34	2.54	2.54	1.73	110.08	1.0	1.0
Selceto	SE0001_B	-10.5	82.7	0.00	112.38	2.69	3.25	0.66	112.92	0.54	62.2	2.95	9.7	9.7	14.8	1.37	2.54	2.54	1.72	109.90	1.0	1.0
Selceto	SE0001_C	0.0	82.7	0.00	112.00	2.35	4.43	1.00	112.59	1.00	55.6	2.49	9.7	9.7	14.0	1.19	2.24	2.24	1.61	107.48	1.0	1.0
Selceto	SE0001_D	1.0	82.7	0.00	112.00	3.96	3.25	0.67	112.01	0.54	72.2	3.87	9.5	9.5	17.0	1.96	3.68	3.68	2.16	118.57	1.0	1.0
Selceto	SE0002__	15.1	82.7	6.12	112.00	4.01	3.28	1.00	112.00	0.55	74.7	3.89	9.7	9.7	15.1	1.98	3.76	3.76	2.49	117.03	1.0	1.0
Selceto	SE0003_A	23.8	82.7	0.00	112.00	4.24	2.96	0.58	112.00	0.45	84.2	3.64	11.4	11.4	17.9	2.03	4.14	4.14	2.32	121.43	1.0	1.0
Selceto	SE0003_B	24.8	82.7	0.00	112.00	4.24	3.05	0.60	112.00	0.47	80.8	8.95	9.5	9.5	21.0	2.28	3.54	3.54	1.77	111.05	1.0	1.0
Selceto	SE0003_C	34.7	82.7	0.00	112.00	4.24	3.14	0.79	112.00	0.50	80.8	8.95	9.5	9.5	21.0	2.28	3.54	3.54	1.77	111.05	1.0	1.0
Selceto	SE0003_D	35.7	82.7	0.00	112.00	4.24	3.11	1.00	112.00	0.49	84.4	3.64	11.4	11.4	17.9	2.03	4.15	4.15	2.32	121.47	1.0	1.0
Selceto	SE0004_A	37.1	82.7	0.00	112.00	4.42	2.89	1.00	112.00	0.42	92.1	3.76	11.6	11.6	18.3	2.11	4.35	4.35	2.38	122.55	1.0	1.0
Selceto	SE0004_D	37.4	82.7	0.00	112.00	5.01	2.32	0.51	112.00	0.27	117.2	4.22	11.6	11.6	19.4	2.40	4.89	4.89	2.51	124.75	1.0	1.0
Selceto	SE0005__	109.6	82.7	7.95	112.00	5.90	1.96	0.56	112.00	0.19	142.8	2.90	23.1	23.1	26.4	2.13	6.69	6.69	2.53	125.01	1.0	1.0
Selceto	SE0006__	136.6	82.7	8.36	112.00	6.01	1.59	0.42	112.00	0.13	174.9	3.23	24.3	24.3	27.6	2.23	7.84	7.84	2.84	129.96	1.0	1.0
Selceto	SE0006__-01-SE0007__	186.7	82.6	7.41	112.00	6.40	0.99	0.18	112.00	0.05	293.4	3.32	37.3	38.0	40.4	2.37	12.38	12.39	3.07	133.28	1.0	1.0
Selceto	SE0007__	236.7	82.5	0.00	112.00	6.79	0.74	0.14	112.00	0.03	395.7	3.63	45.0	51.9	49.0	2.42	16.34	16.84	3.33	137.04	1.0	1.0
Selceto	SE0008__	293.3	82.4	0.00	112.00	7.34	0.68	0.11	112.00	0.02	438.7	4.80	33.3	44.3	38.3	2.74	16.00	16.86	4.18	147.76	1.0	1.0
Selceto	SE0008__-01-SE0009__	342.9	82.5	-3.64	112.00	6.82	0.79	0.15	112.00	0.03	366.6	4.42	32.1	37.3	36.6	2.58	14.21	14.31	3.88	144.21	1.0	1.0
Selceto	SE0009__	392.4	82.5	-1.35	112.00	6.29	0.93	0.23	112.00	0.04	299.4	4.08	30.7	30.7	34.8	2.39	12.50	12.50	3.60	140.55	1.0	1.0
Selceto	SE0010__	446.1	80.2	37.07	112.00	8.01	0.44	0.07	112.00	0.01	710.1	5.54	42.1	48.5	45.8	3.04	23.32	23.76	5.10	154.13	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
Romacale	RO0001_A	0.0	7.9	2.93	114.24	2.84	0.66	0.23	114.25	0.02	16.3	2.42	5.0	10.9	6.3	1.31	1.21	1.96	1.91	97.19	1.0	1.0
Romacale	RO0001_B	1.5	7.9	0.00	114.07	2.57	1.96	1.00	114.21	0.20	7.0	9999.99	2.3	10.9	8.6	1.34	0.43	1.38	0.50	61.63	1.0	1.0
Romacale	RO0002_C	11.4	8.0	0.00	114.00	3.00	1.61	0.52	114.10	0.13	9.8	9999.99	2.3	4.5	8.6	1.68	0.53	0.88	0.61	61.68	1.0	1.0
Romacale	RO0002_D	11.5	7.9	0.07	114.01	3.11	1.07	0.20	114.06	0.06	12.8	3.09	2.5	4.5	10.5	1.57	0.77	1.10	0.74	79.35	1.0	1.0
Romacale	RO0003_A	12.6	7.5	0.71	114.01	3.12	1.01	0.19	114.05	0.05	12.7	3.10	2.5	4.5	10.4	1.57	0.78	1.11	0.75	79.43	1.0	1.0
Romacale	RO0003_B	12.7	7.5	0.00	113.95	2.96	1.54	0.75	114.03	0.12	9.5	9999.99	2.3	4.5	8.6	1.64	0.53	0.88	0.61	61.55	1.0	1.0
Romacale	RO0004_C	54.3	7.6	0.00	113.47	2.92	3.71	1.01	113.57	0.70	6.5	3.21	1.8	5.9	6.9	1.32	0.43	1.14	0.62	70.44	1.0	1.0
Romacale	RO0004_D	54.8	7.3	0.37	113.53	3.00	2.35	1.01	113.56	0.28	11.1	2.85	2.6	5.9	4.5	1.43	0.74	1.33	1.65	99.28	1.0	1.0
Romacale	RO0005_A	57.8	4.8	3.47	113.53	3.23	-0.74	0.76	113.54	0.03	17.0	2.88	3.9	7.4	7.2	1.52	1.11	1.76	1.55	97.26	1.0	1.0
Romacale	RO0005_B	58.0	4.8	0.00	113.27	2.97	2.77	1.10	113.40	0.39	5.7	9999.99	1.6	7.0	6.6	2.15	0.24	1.06	0.40	67.76	1.0	1.0
Romacale	RO0006_C	69.4	4.9	0.00	112.31	1.89	4.36	1.54	112.84	0.97	2.9	9999.99	1.6	1.6	4.6	1.51	0.11	0.11	0.37	65.90	1.0	1.0
Romacale	RO0006_D	70.4	4.9	-0.03	111.44	1.02	3.10	1.65	111.93	0.49	2.4	1.00	1.6	1.6	3.6	0.50	0.16	0.16	0.44	69.90	1.0	1.0
Romacale	RO0007__	81.0	4.9	0.00	111.15	0.86	2.27	1.41	111.41	0.26	1.9	0.54	4.0	4.0	4.4	0.34	0.22	0.22	0.49	72.31	1.0	1.0
Romacale	RO0007__-01-RO0008__	111.8	4.9	0.00	110.93	0.97	1.86	1.15	111.02	0.18	1.8	0.62	5.0	5.0	5.4	0.38	0.31	0.31	0.57	75.87	1.0	1.0
Romacale	RO0008__	142.6	4.8	-0.31	110.93	1.29	2.14	1.08	110.93	0.23	2.6	0.72	7.7	7.7	8.2	0.48	0.55	0.55	0.67	80.35	1.0	1.0
Romacale	RO0008__-01-RO0009__	184.2	4.7	-1.32	110.93	2.23	2.27	1.62	110.93	0.26	9.3	1.37	8.1	10.1	9.0	0.84	1.11	1.26	1.23	98.24	1.0	1.0
Romacale	RO0009__	225.7	4.6	-1.39	110.93	3.16	2.25	1.00	110.93	0.26	20.1	1.98	8.4	12.4	10.0	1.20	1.67	2.31	1.68	108.95	1.0	1.0
Romacale	RO0010__	269.1	5.9	-2.99	110.93	3.83	1.78	0.79	110.93	0.16	31.1	1.98	12.2	12.2	14.1	1.29	2.41	2.41	1.71	109.21	1.0	1.0
Romacale	RO0011__	321.5	8.7	-3.02	110.92	4.33	1.64	0.53	110.93	0.14	32.1	2.33	8.1	9.8	11.8	1.68	1.89	2.12	1.60	96.27	1.0	1.0
Romacale	RO0012__	331.2	9.4	-0.81	110.91	4.15	2.60	1.01	110.93	0.35	25.7	3.30	4.2	9.8	7.7	1.82	1.38	2.10	1.79	104.31	1.0	1.0
Romacale	RO0013__	332.2	9.5	-0.06	110.92	7.46	0.27	0.04	110.92	0.00	128.4	7.05	5.0	12.8	15.9	3.64	3.53	4.51	2.22	116.92	1.0	1.0
Ischieto	IS0001_A	-21.5	15.0	0.00	111.46	1.98	1.52	0.40	111.58	0.12	10.6	1.65	5.9	5.9	11.6	0.85	0.98	0.98	0.84	86.59	1.0	1.0
Ischieto	IS0001_B	-20.5	15.0	0.00	111.45	1.98	1.53	0.51	111.57	0.12	10.6	1.65	5.9	5.9	11.6	0.85	0.98	0.98	0.84	86.60	1.0	1.0
Ischieto	IS0001_C	0.0	14.9	0.00	111.37	1.96	1.58	0.65	111.50	0.13	10.1	1.58	5.9	5.9	11.6	0.82	0.94	0.94	0.81	85.47	1.0	1.0
Ischieto	IS0001_D	1.0	14.9	0.00	111.36	1.96	1.58	1.00	111.49	0.13	10.1	1.58	5.9	5.9	11.6	0.82	0.94	0.94	0.81	85.40	1.0	1.0
Ischieto	IS0002_A	2.4	14.9	0.00	111.41	2.14	1.12	0.36	111.48	0.06	11.2	1.01	13.2	13.2	17.4	0.71	1.34	1.34	0.77	84.04	1.0	1.0
Ischieto	IS0002_B	3.4	14.9	0.00	111.36	2.09	2.73	1.00	111.46	0.38	8.6	1.56	12.8	12.8	17.3	0.61	1.07	1.07	0.62	78.05	1.0	1.0
Ischieto	IS0002_C	7.9	14.8	0.00	111.03	2.02	3.64	1.30	111.32	0.68	6.6	9999.99	11.0	11.0	14.8	0.89	0.63	0.63	0.43	68.85	1.0	1.0
Ischieto	IS0002_D	8.9	14.8	0.00	110.99	1.98	0.87	0.24	111.03	0.04	15.5	1.37	12.5	12.5	13.5	0.83	1.71	1.71	1.26	99.12	1.0	1.0
Ischieto	IS0003_A	14.9	14.9	0.00	110.80	1.73	1.99	0.95	111.00	0.20	7.7	1.07	7.0	7.0	8.2	0.63	0.75	0.75	0.92	89.15	1.0	1.0
Ischieto	IS0003_B	15.9	14.9	0.00	110.68	1.61	2.39	1.00	110.97	0.29	7.4	1.22	5.6	5.6	7.7	0.61	0.63	0.63	0.82	85.79	1.0	1.0
Ischieto	IS0003_C	23.4	14.9	0.00	110.65	1.78	2.96	1.00	110.80	0.45	7.1	1.27	5.6	5.6	7.7	0.65	0.66	0.66	0.86	87.12	1.0	1.0
Ischieto	IS0003_D	24.4	14.9	0.00	110.65	1.81	2.85	1.00	110.76	0.42	7.0	1.06	6.8	6.8	8.0	0.63	0.72	0.72	0.90	88.42	1.0	1.0
Ischieto	IS0004__	34.6	14.9	0.00	110.65	2.19	2.89	1.00	110.65	0.42	7.3	1.11	8.0	8.0	9.2	0.74	0.89	0.89	0.97	90.66	1.0	1.0
Ischieto	IS0004__-01-IS0005_A	57.6	14.9	0.00	110.65	2.83	2.68	1.00	110.65	0.37	19.6	1.70	11.2	11.2	12.9	1.03	1.91	1.91	1.48	104.52	1.0	1.0
Ischieto	IS0005_A	80.7	15.1	0.00	110.65	3.48	2.32	0.94	110.65	0.27	46.4	2.56	12.2	12.2	16.2	1.49	3.12	3.12	1.92	114.08	1.0	1.0
Ischieto	IS0005_B	81.7	15.1	0.00	110.65	3.52	2.31	1.00	110.65	0.27	44.6	3.12	9.0	9.0	14.4	1.59	2.80	2.80	1.95	114.65	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
Ischieto	IS0005_C	94.7	15.0	0.00	110.65	3.97	2.69	1.00	110.65	0.37	47.9	3.22	9.0	9.0	14.6	1.65	2.89	2.89	1.99	115.35	1.0	1.0
Ischieto	IS0005_D	95.7	15.0	0.00	110.65	3.99	2.66	1.00	110.65	0.36	50.1	2.64	12.2	12.2	16.4	1.56	3.22	3.22	1.96	114.82	1.0	1.0
Ischieto	IS0006__	121.7	15.0	-2.75	110.64	4.87	2.67	1.00	110.64	0.36	69.1	2.89	13.8	37.1	16.5	1.73	3.98	6.56	2.41	112.46	1.0	1.0
Ischieto	IS0006__-01-IS0007__	149.3	14.9	-2.29	110.65	5.60	1.11	0.32	110.65	0.06	113.4	3.62	15.0	32.8	17.4	2.09	5.41	8.74	3.10	119.97	1.0	1.0
Ischieto	IS0007__	176.9	14.8	-1.53	110.65	6.33	0.59	0.16	110.65	0.02	167.7	4.27	16.2	28.5	18.6	2.43	6.90	10.20	3.72	128.67	1.0	1.0
Verrazzano	VE0001_A	-16.5	9.4	0.00	115.90	1.59	2.19	0.57	116.14	0.24	5.3	1.52	2.8	2.8	5.7	0.76	0.43	0.43	0.75	83.23	1.0	1.0
Verrazzano	VE0001AB	-15.5	9.4	0.00	115.90	1.60	2.08	0.52	116.12	0.22	5.6	1.60	2.8	2.8	6.0	0.80	0.45	0.45	0.75	83.35	1.0	1.0
Verrazzano	VE0001AC	0.0	9.4	0.00	115.24	1.04	3.20	1.00	115.76	0.52	4.6	1.04	2.8	2.8	4.9	0.52	0.29	0.29	0.60	77.22	1.0	1.0
Verrazzano	VE0001_B	0.4	9.4	0.00	115.07	1.44	2.32	0.62	115.34	0.27	5.1	1.44	2.8	2.8	5.7	0.72	0.40	0.40	0.71	81.85	1.0	1.0
Verrazzano	VE0001_C	4.7	9.4	0.00	114.93	1.37	2.56	0.72	115.26	0.33	4.8	1.30	2.8	2.8	5.3	0.65	0.37	0.37	0.69	81.07	1.0	1.0
Verrazzano	VE0001_D	5.7	9.4	0.00	114.67	1.11	3.20	1.00	115.19	0.52	4.6	1.04	2.8	2.8	4.8	0.52	0.29	0.29	0.61	77.97	1.0	1.0
Verrazzano	VE0002__	7.5	9.4	0.00	114.76	1.12	2.45	1.00	114.95	0.31	4.2	0.82	5.9	5.9	6.9	0.49	0.49	0.49	0.70	81.46	1.0	1.0
Verrazzano	VE0003__	14.2	9.4	0.00	114.30	1.22	3.23	1.00	114.84	0.53	4.7	1.06	2.7	2.7	4.6	0.55	0.29	0.29	0.63	78.72	1.0	1.0
Verrazzano	VE0004__	43.2	9.6	0.00	114.07	1.60	2.39	1.00	114.19	0.29	5.0	1.10	5.1	5.1	6.6	0.65	0.57	0.57	0.86	87.19	1.0	1.0
Verrazzano	VE0005_A	69.2	5.3	4.88	114.15	2.38	1.18	0.49	114.16	0.07	10.4	2.12	4.5	6.5	8.8	1.06	0.95	0.95	1.09	85.93	1.0	1.0
Verrazzano	VE0005_B	70.2	5.2	0.00	113.82	2.04	2.56	1.00	114.08	0.33	4.5	9999.99	2.3	6.5	8.0	1.39	0.23	0.36	0.36	65.46	1.0	1.0
Verrazzano	VE0005_C	142.3	5.1	0.00	110.78	1.18	3.42	1.01	111.37	0.60	2.6	1.20	1.5	1.5	3.3	0.53	0.15	0.15	0.45	70.54	1.0	1.0
Verrazzano	VE0005_D	143.3	5.1	-0.03	110.59	1.31	2.70	1.01	110.96	0.37	2.3	0.75	2.5	2.5	3.7	0.49	0.19	0.19	0.50	72.97	1.0	1.0
Verrazzano	VE0006__	146.2	5.2	-0.15	110.37	1.24	2.69	1.01	110.74	0.37	2.3	0.74	2.6	2.6	4.0	0.46	0.19	0.19	0.48	71.66	1.0	1.0
Verrazzano	VE0007__	159.9	5.4	-0.33	110.11	1.85	2.79	1.01	110.11	0.40	3.0	1.01	4.2	4.2	6.0	0.71	0.43	0.43	0.71	81.83	1.0	1.0
Verrazzano	VE0008__	178.8	5.5	3.94	110.10	2.16	2.61	1.00	110.11	0.35	5.5	1.59	3.6	3.6	5.6	0.93	0.57	0.57	1.02	86.58	1.0	1.0
Verrazzano	VE0009__	201.9	-8.0	4.28	110.10	2.72	2.64	1.01	110.13	0.36	10.6	1.60	6.1	6.1	7.5	1.02	0.98	0.98	1.32	92.33	1.0	1.0
Castiglionchio	CA0049_A	0.0	44.8	0.00	100.19	4.84	1.29	0.44	100.22	0.08	95.2	2.51	21.8	21.8	25.0	1.67	5.47	5.47	2.19	119.02	1.0	1.0
Castiglionchio	CA0048_B	6.6	44.8	0.00	99.99	4.56	3.00	0.64	100.17	0.46	50.7	8.00	15.0	15.0	28.6	1.85	2.39	2.39	1.13	95.56	1.0	1.0
Castiglionchio	CA0047_C	16.4	44.8	0.00	97.63	2.40	5.67	1.00	99.26	1.64	35.1	3.27	4.0	4.0	8.5	1.17	0.79	0.79	0.94	89.76	1.0	1.0
Castiglionchio	CA0046_D	21.3	44.8	0.00	97.18	2.26	3.68	1.00	97.88	0.69	27.3	1.39	8.8	8.8	10.2	0.87	1.22	1.22	1.19	97.18	1.0	1.0
Castiglionchio	CA0045__	67.9	45.3	-0.80	97.09	3.06	3.26	1.00	97.26	0.54	35.7	1.54	18.0	18.0	20.1	1.10	2.48	2.48	1.30	100.14	1.0	1.0
Castiglionchio	CA0044__	91.6	44.9	-1.23	97.15	3.43	2.93	1.00	97.19	0.44	53.9	1.52	33.6	33.6	36.0	1.05	4.73	4.73	1.31	100.48	1.0	1.0
Castiglionchio	CA0043_A	110.1	44.6	-1.22	97.15	3.91	2.49	1.00	97.18	0.32	69.8	1.57	35.7	37.4	37.6	1.18	5.60	5.62	1.49	104.79	1.0	1.0
Castiglionchio	CA0042_B	120.2	44.6	0.00	96.56	3.92	5.06	1.00	96.98	1.30	36.4	6.80	15.9	15.9	27.2	1.58	1.54	1.54	1.01	92.07	1.0	1.0
Castiglionchio	CA0041_C	258.8	45.6	0.00	92.04	2.56	4.99	1.00	93.31	1.27	34.8	2.53	3.6	3.6	8.6	1.27	0.91	0.91	1.06	93.56	1.0	1.0
Castiglionchio	CA0040_D	264.0	45.6	0.00	91.97	2.85	4.39	1.00	92.96	0.98	32.6	1.96	5.3	5.3	8.5	1.17	1.04	1.04	1.22	98.09	1.0	1.0
Castiglionchio	CA0039__	269.6	45.6	0.03	91.78	2.71	3.09	1.00	92.25	0.49	27.2	1.36	15.9	15.9	17.7	0.90	1.50	1.50	1.07	93.83	1.0	1.0
Castiglionchio	CA0038__	275.8	45.3	0.28	91.80	3.00	2.50	1.00	92.12	0.32	28.6	1.52	17.8	25.0	27.2	1.00	1.81	1.81	1.20	97.35	1.0	1.0
Castiglionchio	CA0037__	288.4	42.4	2.94	91.85	3.31	1.69	0.51	92.00	0.15	32.9	1.64	22.4	33.6	24.3	1.07	2.51	2.97	1.33	100.91	1.0	1.0
Castiglionchio	CA0036__	299.7	33.5	8.87	91.88	3.52	1.32	0.36	91.96	0.09	33.3	1.82	21.1	40.5	23.6	1.15	2.67	3.46	1.36	101.55	1.0	1.0
Castiglionchio	CA0035_A	306.5	30.3	3.27	91.87	3.59	1.53	0.37	91.95	0.12	30.0	2.10	20.9	28.9	24.3	1.25	2.46	2.73	1.32	100.68	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
Castiglionchio	CA0035_B	307.9	30.2	0.00	91.80	3.52	1.66	0.54	91.93	0.14	27.9	9999.99	20.9	28.9	35.6	1.34	1.91	2.12	1.19	97.20	1.0	1.0
Castiglionchio	CA0035_C	312.0	30.2	0.00	91.75	3.47	1.78	0.55	91.90	0.16	27.2	9999.99	19.5	27.5	34.2	1.37	1.81	1.98	1.19	97.08	1.0	1.0
Castiglionchio	CA0034_D	313.0	29.4	0.80	91.78	3.50	1.73	0.36	91.86	0.15	29.9	2.75	18.3	25.0	24.1	1.43	2.36	2.50	1.37	101.89	1.0	1.0
Castiglionchio	CA0033_A	316.7	23.8	5.70	91.82	3.65	1.35	0.32	91.85	0.09	33.6	1.83	22.0	22.0	25.0	1.16	3.04	3.04	1.24	98.52	1.0	1.0
Castiglionchio	CA0032_B	321.3	23.8	0.00	91.77	3.58	1.88	0.40	91.83	0.18	27.0	4.44	13.4	15.0	25.3	1.35	2.10	2.21	0.97	90.74	1.0	1.0
Castiglionchio	CA0031_C	378.7	23.7	0.00	90.06	1.87	4.11	1.00	90.91	0.86	14.7	1.72	3.6	3.6	6.4	0.84	0.58	0.58	0.91	88.80	1.0	1.0
Castiglionchio	CA0030_D	385.1	23.7	0.00	88.30	1.46	2.90	1.00	88.73	0.43	11.3	0.85	9.6	9.6	10.1	0.53	0.82	0.82	0.81	85.26	1.0	1.0
Castiglionchio	CA0029__	397.7	30.3	-4.43	87.12	2.47	2.67	1.00	87.22	0.36	25.7	1.74	12.4	12.4	14.4	0.99	2.16	2.16	1.50	105.02	1.0	1.0
Castiglionchio	CA0028__	426.3	36.3	-6.06	87.09	3.09	1.80	1.00	87.19	0.16	38.6	2.29	11.1	11.1	13.5	1.31	2.54	2.54	1.88	113.19	1.0	1.0
Castiglionchio	CA0027__	443.1	35.3	1.11	86.95	3.49	2.21	0.69	87.15	0.25	31.9	2.30	7.6	11.5	11.5	1.41	1.75	2.06	1.53	105.66	1.0	1.0
Castiglionchio	CA0026__	449.2	35.5	-0.70	86.81	3.24	2.76	0.60	87.11	0.39	29.5	2.58	6.8	13.3	14.0	1.44	1.44	1.78	1.12	95.30	1.0	1.0
Castiglionchio	CA0025__	461.3	36.8	-1.71	86.39	2.83	3.76	1.00	86.98	0.72	27.8	2.60	4.2	14.1	9.3	1.39	1.08	1.48	1.17	94.79	1.0	1.0
Castiglionchio	CA0024__	483.5	38.5	-1.85	86.23	3.13	3.24	1.00	86.76	0.54	30.9	2.96	4.1	18.4	9.9	1.53	1.20	1.62	1.21	96.97	1.0	1.0
Castiglionchio	CA0023_A	492.9	35.3	3.61	86.42	3.51	2.12	0.57	86.64	0.23	36.7	3.45	4.9	15.5	11.1	1.73	1.69	2.51	1.53	101.79	1.0	1.0
Castiglionchio	CA0023_B	493.9	35.3	0.00	86.26	3.38	2.64	0.54	86.60	0.35	35.2	9999.99	4.9	20.4	19.4	1.91	1.36	2.01	1.22	98.13	1.0	1.0
Castiglionchio	CA0022_C	505.6	35.4	0.00	86.09	3.34	2.65	0.81	86.45	0.36	34.1	9999.99	4.9	9.8	19.9	1.84	1.34	1.67	1.21	97.82	1.0	1.0
Castiglionchio	CA0021_D	512.7	35.5	0.00	86.00	3.39	2.62	0.52	86.35	0.35	35.5	9999.99	5.2	17.4	20.4	1.92	1.35	1.46	1.30	100.23	1.0	1.0
Castiglionchio	CA0021_E	513.7	35.6	-0.13	86.05	3.42	2.12	0.42	86.28	0.23	35.4	3.13	5.4	20.5	11.4	1.65	1.68	1.86	1.47	104.25	1.0	1.0
Castiglionchio	CA0020__	521.4	36.9	-1.52	85.64	2.96	3.36	1.00	86.21	0.57	28.4	2.74	4.0	4.0	9.4	1.44	1.10	1.10	1.17	96.77	1.0	1.0
Castiglionchio	CA0019__	536.9	37.1	-0.27	85.65	3.41	2.78	0.59	86.04	0.39	31.8	2.85	4.8	5.6	11.8	1.59	1.34	1.34	1.17	96.66	1.0	1.0
Castiglionchio	CA0018__	552.1	37.2	0.00	85.55	3.50	2.74	0.69	85.93	0.38	31.7	2.49	5.4	5.4	11.5	1.57	1.36	1.36	1.18	97.01	1.0	1.0
Castiglionchio	CA0017__	564.3	37.2	0.00	85.60	3.58	2.17	0.42	85.84	0.24	36.5	2.72	6.3	6.3	13.1	1.65	1.71	1.71	1.31	100.44	1.0	1.0
Castiglionchio	CA0016__	579.1	37.0	0.43	85.46	3.76	2.48	0.49	85.78	0.31	33.2	2.64	5.6	5.6	12.3	1.60	1.49	1.49	1.21	97.69	1.0	1.0
Castiglionchio	CA0015__	598.7	35.2	2.02	85.45	4.17	2.07	0.38	85.67	0.22	37.7	2.96	5.7	5.7	12.7	1.78	1.70	1.70	1.34	101.06	1.0	1.0
Castiglionchio	CA0014__	601.7	35.2	-0.05	85.28	3.34	2.70	1.00	85.65	0.37	28.8	2.52	5.2	5.2	11.1	1.47	1.30	1.30	1.17	96.70	1.0	1.0
Castiglionchio	CA0013__	607.8	34.5	0.90	85.43	4.39	1.70	0.30	85.58	0.15	46.1	3.39	6.0	6.5	13.9	1.98	2.03	2.11	1.46	103.17	1.0	1.0
Castiglionchio	CA0012__	621.9	34.5	0.00	85.06	3.38	2.92	0.63	85.49	0.43	28.1	2.63	5.2	5.2	11.3	1.51	1.19	1.19	1.09	94.42	1.0	1.0
Castiglionchio	CA0011__	630.0	34.5	0.00	84.20	2.57	4.66	1.01	85.31	1.11	24.9	2.18	3.4	3.4	8.0	1.15	0.74	0.74	0.93	89.43	1.0	1.0
Castiglionchio	CA0010_A	638.6	34.5	0.00	83.62	3.31	3.81	0.76	84.19	0.74	27.3	2.75	3.8	4.9	10.8	1.51	1.02	1.02	1.04	92.85	1.0	1.0
Castiglionchio	CA0010_B	639.1	34.5	0.00	83.41	3.11	4.64	1.01	84.14	1.10	26.8	9999.99	3.4	3.4	12.3	1.48	0.91	0.91	1.01	91.99	1.0	1.0
Castiglionchio	CA0010_C	639.6	34.5	0.00	82.83	2.53	4.69	1.05	83.96	1.12	25.1	2.21	3.3	3.3	7.9	1.17	0.74	0.74	0.93	89.70	1.0	1.0
Castiglionchio	CA0010_D	640.1	34.5	0.00	82.79	2.51	4.65	1.01	83.89	1.10	24.9	2.18	3.4	3.4	7.8	1.15	0.74	0.74	0.95	90.17	1.0	1.0
Castiglionchio	CA0009__	642.0	34.5	0.00	82.70	2.41	4.60	1.01	83.77	1.08	24.6	2.13	3.5	3.5	7.8	1.12	0.75	0.75	0.96	90.54	1.0	1.0
Castiglionchio	CA0008__	649.0	37.9	-4.38	81.60	2.36	4.69	1.01	82.71	1.12	27.3	2.20	3.7	3.7	8.0	1.14	0.81	0.81	1.02	92.26	1.0	1.0
Castiglionchio	CA0007__	672.9	37.8	0.00	81.65	2.21	3.88	1.01	82.06	0.77	24.7	2.09	6.3	6.3	10.1	1.07	1.31	1.31	1.30	100.08	1.0	1.0
Castiglionchio	CA0006__	686.4	41.0	-4.76	81.57	3.64	3.55	1.00	81.94	0.64	35.8	2.99	5.0	8.0	11.1	1.62	1.50	1.73	1.35	101.39	1.0	1.0
Castiglionchio	CA0005__	716.6	42.2	-1.57	81.74	4.70	1.17	0.21	81.81	0.07	85.9	4.27	8.6	10.6	16.8	2.19	3.69	3.73	2.19	119.14	1.0	1.0
Castiglionchio	CA0004_A	724.2	42.5	-0.40	81.73	4.70	1.18	0.21	81.80	0.07	85.8	4.27	8.6	10.6	16.8	2.19	3.69	3.73	2.19	119.11	1.0	1.0
Castiglionchio	CA0004_B	725.2	42.5	0.00	81.57	4.53	1.96	0.21	81.76	0.19	71.8	9999.99	8.3	8.3	20.6	2.91	2.17	2.18	1.36	101.59	1.0	1.0
Castiglionchio	CA0003_C	734.0	42.5	0.00	81.54	4.50	1.96	0.21	81.73	0.19	71.1	9999.99	8.3	8.3	20.6	2.88	2.17	2.18	1.36	101.59	1.0	1.0

Tronchi	Sezioni	P [m]	q [m <sup>3</sup> /s]	s [m <sup>3</sup> /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
Castiglionchio	CA0003_D	734.5	42.6	-0.14	81.58	4.15	1.82	1.00	81.68	0.17	65.6	3.60	8.5	9.1	13.6	1.94	3.07	3.07	2.27	107.49	1.0	1.0
Castiglionchio	CA0002__	744.6	46.4	-5.78	80.18	3.29	5.09	1.01	81.50	1.32	37.7	2.59	3.5	3.5	8.7	1.49	0.91	0.91	1.04	93.07	1.0	1.0
Castiglionchio	CA0002__-01-CA0001__	790.3	49.5	-4.34	80.10	4.21	4.63	1.02	80.10	1.09	37.2	2.78	6.8	7.6	11.9	1.76	1.90	1.90	1.59	101.72	1.0	1.0
Castiglionchio	CA0002__-02-CA0001__	836.0	49.3	-0.06	80.11	5.22	4.35	1.02	80.11	0.97	69.7	3.69	8.8	9.3	13.0	2.16	3.23	3.23	2.49	113.06	1.0	1.0
Castiglionchio	CA0002__-03-CA0001__	881.6	49.1	0.14	80.11	6.23	4.17	1.02	80.11	0.89	125.3	4.52	10.7	10.9	14.2	2.59	4.84	4.84	3.42	122.47	1.0	1.0
Castiglionchio	CA0001__	927.3	48.8	0.00	80.11	7.23	2.90	0.79	80.11	0.43	203.3	5.32	12.6	12.6	15.4	3.03	6.71	6.71	4.34	130.53	1.0	1.0

Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s
	[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]
SF040__	62.05	SF146__	0.00	SF664__	36.74	SF379__	35.19	SF1051__	2.11	SF1118__	-4.91	SF3060__	0.16	SF3127__	-1.39	SF3194__	1.97
SF043__	0.00	SF147__	0.00	SF665__	83.20	SF380__	-6.96	SF1052__	6.45	SF1119__	-20.79	SF3061__	0.64	SF3128__	-1.46	SF3195__	1.97
SF044__	-64.87	SF148__	0.00	SF666__	0.00	SF381__	8.98	SF1053__	2.30	SF632__	0.41	SF3062__	2.84	SF3129__	-1.58	SF3196__	-0.02
SF045__	137.96	SF149__	0.00	SF667__	0.00	SF382__	-1.00	SF1054__	15.78	SF634__	0.00	SF3063__	2.85	SF3130__	-1.52	SF3197__	-0.31
SF046__	-113.8	SF150__	0.00	SF668__	0.00	SF383__	-26.96	SF1055__	-2.35	SF635__	0.00	SF3064__	0.00	SF3131__	-1.52	SF3198__	-0.02
SF047__	122.24	SF151__	0.00	SF669__	537.87	SF384__	-1.07	SF1056__	14.67	SF637__	0.00	SF3065__	0.00	SF3132__	0.03	SF3199__	-0.02
SF048__	70.96	SF152__	0.00	SF670__	0.00	SF385__	18.38	SF1057__	-3.88	SF641__	0.00	SF3066__	-4.43	SF3133__	0.04	SF3200__	3.54
SF049__	0.00	SF153__	0.00	SF671__	47.89	SF386__	5.57	SF1058__	11.48	SF3001__	0.00	SF3067__	0.00	SF3134__	0.32	SF3201__	1.34
SF050__	0.00	SF154__	0.00	SF672__	27.37	SF387__	13.37	SF1059__	8.65	SF3002__	0.07	SF3068__	-6.06	SF3135__	0.39	SF3202__	0.00
SF051__	0.00	SF155__	0.00	SF673__	41.05	SF388__	1.50	SF1060__	15.12	SF3003__	0.00	SF3069__	0.00	SF3136__	1.67	SF3203__	0.00
SF052__	-58.77	SF156__	0.00	SF674__	41.05	SF389__	0.00	SF1061__	7.39	SF3004__	0.00	SF3070__	1.11	SF3137__	1.26	SF3204__	0.00
SF053__	0.00	SF157__	0.00	SF675__	54.73	SF390__	2.09	SF1062__	-19.07	SF3005__	0.00	SF3071__	0.00	SF3138__	0.37	SF3205__	0.00
SF054__	-34.95	SF365__	0.00	SF676__	54.73	SF391__	0.00	SF1063__	2.87	SF3006__	0.00	SF3072__	-0.70	SF3139__	0.00	SF3206__	0.00
SF055__	0.00	SF366__	0.00	SF677__	61.57	SF392__	0.00	SF1064__	-15.43	SF3007__	0.00	SF3073__	0.00	SF3104__	3.02	SF3207__	0.00
SF056__	0.00	SF367__	0.00	SF678__	0.00	SF393__	22.67	SF1065__	4.68	SF3008__	0.00	SF3074__	-1.71	SF3141__	0.74	SF3208__	0.00
SF057__	194.06	SF368__	0.00	SF679__	0.00	SF394__	-2.89	SF1066__	-17.08	SF3009__	0.00	SF3075__	0.00	SF3142__	-0.03	SF3209__	0.00
SF058__	211.18	SF369__	-44.14	SF680__	0.00	SF399__	-1.61	SF1067__	4.18	SF3009__	0.00	SF3076__	-0.49	SF3143__	0.00	SF3210__	-0.07
SF059__	0.00	SF370__	44.58	SF681__	0.00	SF400__	52.08	SF1068__	-20.05	SF3010__	0.00	SF3077__	-1.55	SF3144__	-0.41	SF3211__	-0.07
SF060__	0.00	SF371__	0.00	SF682__	0.00	SF1002__	16.95	SF1069__	2.62	SF3011__	0.00	SF3078__	1.32	SF3145__	-0.41	SF3212__	0.00
SF061__	0.00	SF372__	0.00	SF683__	0.00	SF1003__	61.61	SF1070__	-22.51	SF3012__	0.00	SF3079__	2.29	SF3146__	-0.03	SF3213__	0.00
SF071__	-235.0	SF373__	10.04	SF684__	0.00	SF1004__	55.19	SF1071__	1.83	SF3013__	0.00	SF3080__	-0.76	SF3147__	-0.03	SF3214__	0.00
SF072__	241.89	SF395__	57.29	SF685__	0.00	SF1005__	59.73	SF1072__	-24.83	SF3014__	0.00	SF3081__	-0.76	SF3148__	0.00	SF3215__	0.00
SF099__	0.00	SF396__	-0.21	SF690__	0.00	SF1006__	-17.19	SF1073__	1.34	SF3015__	0.00	SF3082__	0.00	SF3149__	0.00	SF3216__	0.00
SF100__	0.00	SF397__	-48.88	SF691__	0.00	SF1007__	55.03	SF1074__	11.57	SF3016__	0.00	SF3083__	-0.27	SF3150__	0.00	SF3217__	0.00
SF101__	10.36	SF398__	-154.4	SF692__	0.00	SF1008__	-15.52	SF1075__	1.70	SF3017__	0.00	SF3084__	0.00	SF3151__	0.00	SF3218__	-3.85
SF102__	-189.3	SF401__	42.67	SF693__	0.00	SF1009__	50.83	SF1076__	6.11	SF3018__	0.00	SF3085__	0.00	SF3152__	0.00	SF3219__	3.41
SF104__	-10.15	SF402__	-87.86	SF694__	0.00	SF1010__	-17.41	SF1077__	2.37	SF3019__	0.00	SF3086__	0.00	SF3153__	0.00	SF3220__	-0.03
SF105__	0.00	SF403__	-9.80	SF695__	0.00	SF1011__	48.32	SF1078__	7.01	SF3020__	0.00	SF3087__	0.00	SF3154__	0.00	SF3221__	-0.03
SF106__	0.00	SF404__	55.23	SF696__	0.00	SF1012__	-17.85	SF1079__	-2.84	SF3021__	0.00	SF3088__	0.00	SF3155__	0.00	SF3222__	0.00
SF107__	-319.2	SF405__	34.41	SF697__	15.78	SF1013__	43.72	SF1080__	7.50	SF3022__	0.00	SF3089__	0.43	SF3156__	0.00	SF3223__	0.14
SF108__	29.90	SF406__	62.93	SF698__	0.00	SF1014__	-17.53	SF1081__	-1.14	SF3023__	0.00	SF3090__	0.00	SF3157__	0.00	SF3224__	0.00
SF109__	0.00	SF407__	186.18	SF699__	0.82	SF1015__	39.76	SF1082__	9.16	SF3024__	0.00	SF3091__	2.02	SF3158__	0.00	SF3225__	0.00
SF110__	0.00	SF408__	0.00	SF700__	0.00	SF1016__	-16.86	SF1083__	5.20	SF3025__	0.00	SF3092__	0.00	SF3159__	0.00	SF3226__	2.24
SF111__	0.00	SF412__	0.00	SF701__	0.00	SF1017__	33.91	SF1084__	7.20	SF3026__	0.00	SF3093__	-0.05	SF3160__	-1.34	SF3227__	-1.14
SF112__	0.00	SF413__	0.00	SF702__	0.00	SF1018__	-13.62	SF1085__	3.64	SF3027__	0.00	SF3094__	0.28	SF3161__	-1.45	SF3228__	0.00
SF113__	0.00	SF414__	-101.2	SF703__	0.00	SF1019__	32.20	SF1086__	23.75	SF3028__	0.00	SF3095__	0.62	SF3162__	0.00	SF3229__	0.00
SF114__	0.00	SF415__	-138.4	SF704__	-8.73	SF1020__	-8.33	SF1087__	-1.29	SF3029__	0.00	SF3096__	0.00	SF3163__	0.00	SF3230__	-0.15

Sfiatore	s	Sfiatore	s	Sfiatore	s	Sfiatore	s	Sfiatore	s	Sfiatore	s	Sfiatore	s	Sfiatore	s	Sfiatore	s
	[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]
SF115__	0.00	SF618__	0.00	SF705__	0.00	SF1021__	27.40	SF1088__	26.30	SF3030__	0.00	SF3097__	0.00	SF3164__	-0.76	SF3231__	-1.32
SF116__	0.00	SF619__	0.73	SF706__	0.00	SF1022__	8.84	SF1089__	1.73	SF3031__	0.00	SF3098__	0.00	SF3165__	-0.77	SF3232__	7.41
SF117__	-53.77	SF620__	0.00	SF707__	0.00	SF1023__	0.00	SF1090__	27.38	SF3032__	0.00	SF3099__	0.00	SF3166__	0.00	SF3233__	0.00
SF118__	0.00	SF621__	0.00	SF708__	0.00	SF1024__	2.03	SF1091__	-1.62	SF3033__	0.00	SF3100__	0.00	SF3167__	0.00	SF3234__	0.00
SF119__	0.00	SF622__	0.00	SF709__	0.00	SF1025__	0.00	SF1092__	30.96	SF3034__	0.00	SF3101__	0.00	SF3168__	0.00	SF3235__	-3.64
SF120__	343.66	SF623__	0.57	SF717__	0.00	SF1026__	-1.30	SF1093__	-2.86	SF3035__	0.00	SF3102__	0.00	SF3169__	0.00	SF3236__	0.00
SF121__	-116.6	SF624__	0.00	SF766__	15.39	SF1027__	0.00	SF1094__	34.17	SF3036__	0.00	SF3103__	0.00	SF3170__	-3.06	SF3237__	0.00
SF122__	0.00	SF625__	1.50	SF767__	1.05	SF1028__	0.00	SF1095__	-4.84	SF3037__	0.00	SF3104__	-4.38	SF3171__	3.06	SF3238__	0.00
SF123__	0.00	SF642__	35.67	SF769__	26.97	SF1029__	0.00	SF1096__	-14.83	SF3038__	0.00	SF3105__	0.00	SF3172__	0.00	SF3239__	0.00
SF124__	0.00	SF643__	0.00	SF770__	0.00	SF1030__	0.00	SF1097__	-6.08	SF3039__	0.00	SF3106__	0.00	SF3173__	0.00	SF3240__	0.00
SF125__	0.00	SF644__	19.01	SF771__	0.00	SF1031__	0.00	SF1098__	-23.83	SF3040__	0.00	SF3107__	0.00	SF3174__	0.00	SF3241__	0.00
SF126__	0.00	SF645__	0.00	SF772__	-0.20	SF1032__	0.00	SF1099__	-5.68	SF3041__	0.00	SF3108__	-2.00	SF3175__	0.00	SF3242__	0.00
SF127__	0.00	SF646__	0.00	SF773__	-0.20	SF1033__	0.00	SF1100__	-34.00	SF3042__	-0.80	SF3109__	-2.76	SF3176__	0.00	SF3243__	0.00
SF128__	0.00	SF647__	0.00	SF776__	0.00	SF1034__	0.00	SF1101__	-0.30	SF3043__	0.00	SF3110__	0.00	SF3177__	0.00	SF3244__	0.00
SF129__	0.00	SF648__	0.00	SF777__	0.00	SF1035__	0.00	SF1102__	-37.24	SF3044__	-1.23	SF3111__	-1.57	SF3178__	0.00	SF3245__	0.00
SF130__	0.00	SF649__	0.00	SF778__	0.00	SF1036__	0.00	SF1103__	-0.69	SF3045__	0.00	SF3112__	0.00	SF3179__	0.00	SF3246__	0.00
SF131__	0.00	SF650__	0.00	SF779__	0.00	SF1037__	0.00	SF1104__	-34.34	SF3046__	-1.22	SF3113__	-0.40	SF3180__	7.95	SF3247__	0.00
SF132__	0.00	SF651__	0.00	SF780__	0.00	SF1038__	0.00	SF1105__	-0.99	SF3047__	0.00	SF3114__	-0.09	SF3181__	0.00	SF3248__	0.00
SF133__	0.00	SF652__	0.00	SF782__	0.00	SF1039__	4.67	SF1106__	-48.05	SF3048__	0.00	SF3115__	-0.08	SF3182__	8.36	SF3249__	0.00
SF134__	42.39	SF653__	0.00	SF783__	0.00	SF1040__	0.00	SF1107__	0.00	SF3049__	0.00	SF3116__	-2.88	SF3183__	0.00	SF3250__	0.00
SF135__	0.00	SF654__	0.00	SF784__	0.00	SF1041__	3.54	SF1108__	-54.13	SF3050__	0.03	SF3117__	-2.90	SF3184__	0.00	SF3251__	0.00
SF136__	53.54	SF655__	0.00	SF785__	-0.37	SF1042__	0.00	SF1109__	1.87	SF3051__	0.00	SF3118__	0.01	SF3185__	0.00	SF3252__	0.00
SF137__	0.00	SF656__	0.00	SF786__	-4.75	SF1043__	5.53	SF1110__	-57.65	SF3052__	0.13	SF3119__	-0.14	SF3186__	0.00	SF3253__	0.00
SF138__	0.00	SF657__	0.00	SF787__	-7.27	SF1044__	0.00	SF1111__	6.66	SF3053__	0.16	SF3120__	0.00	SF3187__	0.00	SF3254__	0.00
SF139__	69.88	SF658__	0.00	SF788__	-19.16	SF1045__	2.16	SF1112__	-60.62	SF3054__	1.24	SF3121__	0.00	SF3188__	0.00	SF3255__	0.00
SF140__	0.00	SF659__	0.00	SF374__	-7.13	SF1046__	0.00	SF1113__	5.66	SF3055__	1.70	SF3122__	0.00	SF3189__	-1.35	-	-
SF142__	0.00	SF660__	64.18	SF375__	-62.86	SF1047__	0.00	SF1114__	-62.51	SF3056__	4.43	SF3123__	0.00	SF3190__	39.91	-	-
SF143__	0.00	SF661__	84.13	SF376__	5.71	SF1048__	-1.29	SF1115__	5.10	SF3057__	4.43	SF3124__	-0.31	SF3191__	8.69	-	-
SF144__	0.00	SF662__	64.18	SF377__	-42.76	SF1049__	1.49	SF1116__	1.20	SF3058__	1.97	SF3125__	0.00	SF3192__	2.14	-	-
SF145__	0.00	SF663__	96.27	SF378__	-0.01	SF1050__	-2.07	SF1117__	-1.39	SF3059__	1.31	SF3126__	-0.05	SF3193__	2.14	-	-

Cassa	H [m]	V [m³]	s [m³/s]
V2-001	112.25	77065.2	6.84
V2-002-01	112.46	216553.2	-18.94
V2-002-02	112.46	2697.3	1.30
V2-003	111.57	407395.8	32.15
V2-005	114.11	0.0	0.00
V2-007-01	116.01	0.0	0.00
V2-007-02	114.92	0.0	0.00
V2-008	80.64	0.0	0.00
V2-011	100.75	0.0	0.00
V2-012-01	77.87	160265.2	47.18
V2-015	99.43	0.0	0.00
V2-017	89.56	0.0	0.00
V2-019	83.80	128854.3	27.96
V2-021-01	80.06	5601.0	-55.91
V2-021-02	80.17	0.0	0.00
V2-022-01	107.40	25561.1	11.10
V2-022-02	109.24	12206.0	10.04
V2-023	111.00	1039502.0	88.74
V2-025-01	110.46	1288531.0	218.32
V2-025-02	110.74	911206.5	123.00
V3-003-01	74.24	52240.6	15.78
V3-003-02	74.33	96857.2	24.68
V3-003-03	77.21	85487.3	29.90
V3-003-04	74.33	2992.0	0.82
V3-003-05	78.04	0.0	0.00
V3-004	71.34	13620.7	-13.61
V3-005-01	69.09	46128.8	25.21
V3-005-02	69.90	14478.8	10.36
V3-005-03	70.70	6832.0	11.29
V3-006-02	68.71	52204.5	-15.03
V2_01	3.46	413670.2	34.23
V2-012-02	1.94	14957.8	-10.21



## STATO ATTUALE

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
Arno_01	ARB0750__	-141006.8	1685.3	0.00	113.78	9.63	2.15	0.26	114.01	0.24	3545.4	7.10	110.3	110.3	114.4	4.05	78.35	78.35	6.85	111.48	1.0	1.0
Arno_01	ARB07492__	-140896.3	1685.4	0.00	113.74	8.79	1.98	0.33	113.94	0.20	3386.0	6.47	132.0	132.0	137.0	3.57	85.38	85.38	6.23	108.04	1.0	1.0
Arno_01	ARB07491__	-140868.1	1685.4	0.00	113.73	8.57	1.92	0.28	113.92	0.19	3532.8	6.60	133.0	133.0	137.6	3.65	87.81	87.81	6.38	108.88	1.0	1.0
Arno_01	ARB0749__	-140784.8	1685.3	0.00	113.46	9.55	2.72	0.33	113.84	0.38	2991.3	7.10	87.5	87.5	92.5	4.07	62.10	62.10	6.71	110.75	1.0	1.0
Arno_01	ARB0748__	-140724.3	1685.5	0.00	113.39	8.74	2.75	0.34	113.77	0.38	2746.4	6.58	93.5	93.5	98.9	3.70	61.50	61.50	6.22	107.96	1.0	1.0
Arno_01	ARB0747__	-140598.6	1685.8	0.00	113.09	10.20	3.20	0.37	113.61	0.52	2798.2	7.60	69.5	69.5	75.4	4.26	52.83	52.83	7.00	112.33	1.0	1.0
Arno_01	ARB0746__	-140349.7	1544.1	190.27	113.02	9.44	2.41	0.29	113.31	0.30	2914.5	7.19	89.2	89.2	93.1	3.96	64.13	64.13	6.88	111.67	1.0	1.0
Arno_01	ARB0745__	-139985.1	1281.3	278.92	112.95	9.36	1.75	0.24	113.07	0.16	3475.5	5.95	137.6	137.6	141.2	4.00	81.96	81.96	5.80	104.69	1.0	1.0
Arno_01	ARB0744__	-139695.5	1287.1	57.12	112.73	9.79	2.19	0.28	112.93	0.24	3065.2	7.16	90.4	96.1	100.4	4.34	64.73	64.73	6.47	109.40	1.0	1.0
Arno_01	ARB0743__	-139520.9	1385.1	-102.71	112.63	10.16	2.01	0.24	112.83	0.21	3440.0	7.69	90.0	90.0	94.8	4.57	69.20	69.20	7.30	112.02	1.0	1.0
Arno_01	ARB0742A__	-139289.9	1635.8	-251.46	112.40	10.47	2.38	0.28	112.68	0.29	3494.2	7.71	89.4	89.4	93.8	4.51	68.94	68.94	7.35	108.65	1.0	1.0
Arno_01	ARB0742B__	-139283.8	1635.7	0.00	112.37	10.44	2.46	0.29	112.67	0.31	3304.4	7.68	87.0	87.0	132.6	4.34	66.83	66.83	5.04	100.68	1.0	1.0
Arno_01	ARB0742C__	-139272.0	1635.5	0.00	112.36	10.43	2.46	0.29	112.66	0.31	3294.7	7.67	87.0	87.0	132.5	4.34	66.70	66.70	5.04	100.63	1.0	1.0
Arno_01	ARB0742D__	-139267.0	1610.0	57.33	112.37	10.44	2.35	0.27	112.64	0.28	3459.2	7.67	89.4	89.4	93.8	4.49	68.62	68.62	7.31	108.57	1.0	1.0
Arno_01	ARB0742__	-139236.4	1610.3	0.00	112.35	10.67	2.36	0.27	112.62	0.28	3592.7	7.82	87.7	87.7	92.8	4.69	68.55	68.55	7.39	110.57	1.0	1.0
Arno_02	ARB0742__	-139236.4	1497.4	83.27	112.35	10.67	2.21	0.26	112.59	0.25	3541.9	7.82	87.7	87.7	92.8	4.69	68.55	68.55	7.39	110.57	1.0	1.0
Arno_02	ARB0742__-01-ARB0741__	-139190.0	1420.6	78.06	112.33	10.46	2.13	0.25	112.56	0.23	3395.2	8.04	83.6	88.3	93.1	4.60	67.23	67.23	7.22	109.54	1.0	1.0
Arno_02	ARB0742__-02-ARB0741__	-139143.6	1333.5	107.06	112.32	10.25	2.05	0.24	112.53	0.21	3249.7	7.64	86.3	89.0	93.5	4.52	65.89	65.89	7.05	108.47	1.0	1.0
Arno_02	ARB0742__-03-ARB0741__	-139097.1	1279.2	56.40	112.31	10.04	2.01	0.25	112.50	0.21	3107.7	7.20	89.6	89.6	94.0	4.42	64.50	64.50	6.86	107.74	1.0	1.0
Arno_02	ARB0742__-04-ARB0741__	-139050.7	1230.1	51.63	112.29	9.83	1.98	0.25	112.48	0.20	2966.2	6.98	90.3	90.3	94.5	4.32	63.04	63.04	6.67	106.99	1.0	1.0
Arno_02	ARB0742__-05-ARB0741__	-139004.3	1186.5	45.92	112.27	9.62	1.98	0.26	112.46	0.20	2829.1	6.77	90.9	90.9	95.0	4.22	61.55	61.55	6.48	106.22	1.0	1.0
Arno_02	ARB0742__-06-ARB0741__	-138957.9	1149.3	39.98	112.24	9.40	2.00	0.27	112.43	0.20	2693.9	6.55	91.6	91.6	95.6	4.12	59.98	59.98	6.28	105.41	1.0	1.0
Arno_02	ARB0742__-07-ARB0741__	-138911.5	1120.3	32.73	112.21	9.18	2.03	0.27	112.40	0.21	2561.7	6.33	92.2	92.2	96.2	4.02	58.34	58.34	6.07	104.57	1.0	1.0
Arno_02	ARB0742__-08-ARB0741__	-138865.0	1098.3	31.89	112.18	8.95	2.04	0.28	112.37	0.21	2433.1	6.10	92.9	92.9	96.8	3.91	56.64	56.64	5.85	103.70	1.0	1.0
Arno_02	ARB0742__-09-ARB0741__	-138818.6	1087.0	30.45	112.14	8.72	2.12	0.30	112.34	0.23	2307.4	5.86	93.5	93.5	97.4	3.81	54.85	54.85	5.63	102.79	1.0	1.0
Arno_02	ARB0742__-10-ARB0741__	-138772.2	1091.8	28.21	112.09	8.48	2.22	0.31	112.31	0.25	2184.2	5.62	94.2	94.2	98.1	3.70	52.92	52.92	5.39	101.84	1.0	1.0
Arno_02	ARB0741__	-138725.7	1103.5	23.77	112.03	8.22	2.34	0.32	112.27	0.28	2060.7	5.48	94.8	94.8	99.0	3.58	50.76	50.76	5.13	101.05	1.0	1.0
Arno_02	ARB0741__-01-ARB0740__	-138681.5	1098.7	10.01	111.99	8.09	2.36	0.33	112.23	0.28	2013.5	5.33	94.3	94.3	98.1	3.52	50.27	50.27	5.12	101.10	1.0	1.0
Arno_02	ARB0741__-02-ARB0740__	-138637.4	1097.3	2.41	111.94	7.97	2.39	0.34	112.19	0.29	1970.6	5.35	92.8	92.8	96.6	3.47	49.70	49.70	5.15	101.38	1.0	1.0
Arno_02	ARB0741__-03-ARB0740__	-138593.2	1097.7	-1.37	111.89	7.84	2.42	0.35	112.15	0.30	1929.0	5.39	91.2	91.2	94.9	3.42	49.11	49.11	5.18	101.56	1.0	1.0
Arno_02	ARB0741__-04-ARB0740__	-138549.0	1101.4	-3.88	111.84	7.71	2.46	0.36	112.10	0.31	1888.0	5.38	90.2	90.2	94.0	3.37	48.48	48.48	5.16	101.45	1.0	1.0
Arno_02	ARB0741__-05-ARB0740__	-138504.8	1101.3	-0.02	111.79	7.57	2.52	0.37	112.06	0.32	1845.9	5.40	88.5	88.5	92.6	3.32	47.83	47.83	5.17	101.50	1.0	1.0
Arno_02	ARB0740__	-138460.7	1101.0	0.00	111.74	7.44	2.58	0.38	112.01	0.34	1804.0	5.48	86.2	86.2	90.8	3.27	47.18	47.18	5.20	101.70	1.0	1.0
Arno_02	ARB0740__-01-ARB0739__	-138412.8	1100.7	0.00	111.68	7.48	2.62	0.39	111.96	0.35	1793.5	5.41	86.3	86.3	90.1	3.28	46.68	46.68	5.18	101.58	1.0	1.0
Arno_02	ARB0740__-02-ARB0739__	-138365.0	1099.6	1.10	111.63	7.53	2.67	0.40	111.91	0.36	1783.2	5.36	86.3	86.3	89.6	3.28	46.23	46.23	5.16	101.44	1.0	1.0
Arno_02	ARB0740__-03-ARB0739__	-138317.1	1092.1	7.09	111.57	7.58	2.72	0.41	111.86	0.38	1770.9	5.37	85.4	85.4	88.4	3.29	45.81	45.81	5.18	101.60	1.0	1.0
Arno_02	ARB0740__-04-ARB0739__	-138269.3	1081.1	11.25	111.52	7.64	2.78	0.42	111.81	0.39	1760.1	5.40	84.3	84.3	87.1	3.29	45.47	45.47	5.22	101.86	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
Arno_02	ARB0740__-05-ARB0739__	-138221.4	1073.9	7.89	111.47	7.69	2.84	0.43	111.76	0.41	1748.6	5.44	82.9	82.9	85.6	3.30	45.10	45.10	5.27	102.16	1.0	1.0
Arno_02	ARB0740__-06-ARB0739__	-138173.5	1068.0	6.78	111.42	7.74	2.92	0.45	111.71	0.43	1737.5	5.55	80.8	81.3	84.0	3.30	44.74	44.74	5.34	102.60	1.0	1.0
Arno_02	ARB0739__	-138125.7	1069.3	2.20	111.36	7.78	3.08	0.48	111.66	0.48	1728.0	5.72	77.6	79.5	82.2	3.30	44.34	44.34	5.51	103.70	1.0	1.0
Arno_02	ARB0739__-01-ARB0738__	-138081.5	1067.9	2.20	111.35	7.92	2.93	0.46	111.61	0.44	1820.1	5.53	85.2	85.2	87.8	3.34	47.12	47.12	5.37	102.79	1.0	1.0
Arno_02	ARB0739__-02-ARB0738__	-138037.3	1067.5	0.50	111.34	8.05	2.79	0.43	111.56	0.40	1934.5	5.61	89.4	91.6	94.1	3.40	50.17	50.17	5.33	101.69	1.0	1.0
Arno_02	ARB0739__-03-ARB0738__	-137993.1	1068.1	1.55	111.33	8.19	2.65	0.41	111.53	0.36	2073.4	5.79	92.0	93.7	96.0	3.49	53.32	53.32	5.55	101.15	1.0	1.0
Arno_02	ARB0739__-04-ARB0738__	-137949.0	1069.7	-2.34	111.31	8.32	2.51	0.39	111.49	0.32	2221.8	5.89	95.7	95.7	98.0	3.57	56.44	56.44	5.76	100.52	1.0	1.0
Arno_02	ARB0739__-05-ARB0738__	-137904.8	1072.1	6.92	111.30	8.45	2.38	0.38	111.46	0.29	2384.0	6.09	97.8	97.8	100.1	3.67	59.59	59.59	5.95	99.77	1.0	1.0
Arno_02	ARB0738__	-137860.6	1075.4	14.43	111.29	8.59	2.24	0.36	111.44	0.25	2557.7	6.29	99.8	99.8	102.3	3.78	62.76	62.76	6.13	98.89	1.0	1.0
Arno_02	ARB0738__-01-ARB0737__	-137811.8	1075.2	0.00	111.27	8.81	2.17	0.34	111.42	0.24	2667.2	6.54	97.0	97.0	99.6	3.91	63.46	63.46	6.37	100.26	1.0	1.0
Arno_03	ARB0738__-01-ARB0737__	-137811.8	1088.7	15.57	111.27	8.81	2.17	0.34	111.42	0.24	2672.1	6.54	97.0	97.0	99.6	3.91	63.46	63.46	6.37	100.26	1.0	1.0
Arno_03	ARB0738__-02-ARB0737__	-137762.9	1098.7	14.73	111.25	9.03	2.11	0.32	111.40	0.23	2772.0	6.80	94.1	94.1	97.0	4.03	64.06	64.06	6.60	101.94	1.0	1.0
Arno_03	ARB0738__-03-ARB0737__	-137714.1	1101.1	11.75	111.24	9.26	2.03	0.30	111.38	0.21	2877.4	7.09	91.3	91.3	94.4	4.15	64.72	64.72	6.85	103.65	1.0	1.0
Arno_03	ARB0738__-04-ARB0737__	-137665.2	1106.9	15.02	111.22	9.48	1.94	0.28	111.37	0.19	2980.4	7.39	88.4	88.4	91.9	4.27	65.34	65.34	7.11	105.35	1.0	1.0
Arno_03	ARB0737__	-137616.4	1116.4	18.26	111.20	9.70	1.87	0.26	111.35	0.18	3090.0	7.73	85.6	85.6	90.2	4.38	66.14	66.14	7.34	106.93	1.0	1.0
Arno_03	ARB0737__-01-ARB0736__	-137569.0	1128.5	14.10	111.19	9.67	1.82	0.25	111.33	0.17	3146.3	7.55	90.6	90.6	94.5	4.32	68.45	68.45	7.25	106.35	1.0	1.0
Arno_03	ARB0737__-02-ARB0736__	-137521.6	1141.9	-14.50	111.18	9.64	1.78	0.25	111.32	0.16	3206.5	7.39	95.8	95.8	99.2	4.26	70.81	70.81	7.14	105.62	1.0	1.0
Arno_03	ARB0737__-03-ARB0736__	-137474.1	1157.6	-16.80	111.17	9.61	1.75	0.25	111.30	0.16	3263.6	7.25	100.9	100.9	104.1	4.21	73.14	73.14	7.02	104.94	1.0	1.0
Arno_03	ARB0737__-04-ARB0736__	-137426.7	1173.4	-18.24	111.17	9.59	1.72	0.25	111.28	0.15	3407.9	6.72	116.0	116.0	119.1	4.14	77.98	77.98	6.55	101.70	1.0	1.0
Arno_03	ARB0737__-05-ARB0736__	-137379.3	1192.0	-21.50	111.16	9.56	1.69	0.25	111.27	0.15	3465.2	6.63	121.4	121.4	124.4	4.08	80.46	80.46	6.47	101.20	1.0	1.0
Arno_03	ARB0737__-06-ARB0736__	-137331.9	1212.8	-23.70	111.14	9.52	1.67	0.25	111.25	0.14	3521.7	6.53	126.9	126.9	129.8	4.03	82.92	82.92	6.39	100.70	1.0	1.0
Arno_03	ARB0736__	-137284.5	1236.2	-26.60	111.13	9.49	1.66	0.26	111.24	0.14	3561.2	6.44	132.4	132.4	135.3	3.96	85.23	85.23	6.30	100.18	1.0	1.0
Arno_03	ARB0736__-01-ARB0735__	-137238.7	1236.2	9.98	111.11	9.61	1.64	0.25	111.22	0.14	3612.1	6.52	131.0	131.0	133.5	4.02	85.45	85.45	6.40	101.01	1.0	1.0
Arno_03	ARB0736__-02-ARB0735__	-137192.8	1236.7	10.55	111.10	9.74	1.61	0.24	111.21	0.13	3663.8	6.61	129.6	129.6	131.9	4.07	85.66	85.66	6.49	101.82	1.0	1.0
Arno_03	ARB0736__-03-ARB0735__	-137147.0	1238.3	7.78	111.09	9.86	1.60	0.24	111.19	0.13	3713.8	6.69	128.2	128.2	130.3	4.12	85.82	85.82	6.59	102.58	1.0	1.0
Arno_03	ARB0736__-04-ARB0735__	-137101.1	1242.1	6.21	111.07	9.98	1.58	0.23	111.18	0.13	3760.1	6.78	126.8	126.8	128.8	4.17	85.92	85.92	6.67	103.31	1.0	1.0
Arno_03	ARB0736__-05-ARB0735__	-137055.3	1246.8	7.08	111.06	10.11	1.57	0.23	111.17	0.13	3806.9	6.86	125.4	125.4	127.3	4.21	86.00	86.00	6.75	104.00	1.0	1.0
Arno_03	ARB0736__-06-ARB0735__	-137009.4	1252.1	7.58	111.04	10.23	1.56	0.22	111.15	0.12	3846.9	6.93	124.0	124.0	125.9	4.26	85.97	85.97	6.83	104.65	1.0	1.0
Arno_03	ARB0735__	-136963.6	1260.2	9.24	111.03	10.35	1.56	0.22	111.14	0.12	3888.4	7.01	122.6	122.6	124.5	4.31	85.94	85.94	6.90	105.28	1.0	1.0
Arno_03	ARB0735__-01-ARB0734__	-136915.4	1260.2	0.00	111.01	10.12	1.61	0.23	111.12	0.13	3759.4	6.90	122.1	122.1	123.9	4.24	84.23	84.23	6.80	104.65	1.0	1.0
Arno_04	ARB0735__-01-ARB0734__	-136915.4	1249.9	24.20	111.01	10.12	1.57	0.22	111.12	0.13	3756.8	6.90	122.1	122.1	123.9	4.24	84.23	84.23	6.80	104.65	1.0	1.0
Arno_04	ARB0735__-02-ARB0734__	-136867.2	1235.2	26.43	110.99	9.90	1.57	0.23	111.11	0.13	3629.1	6.79	121.6	121.6	123.3	4.17	82.59	82.59	6.70	104.00	1.0	1.0
Arno_04	ARB0735__-03-ARB0734__	-136819.0	1224.8	26.69	110.97	9.67	1.57	0.23	111.09	0.13	3497.2	6.68	121.0	121.0	122.8	4.09	80.89	80.89	6.59	103.32	1.0	1.0
Arno_04	ARB0735__-04-ARB0734__	-136770.8	1220.1	30.47	110.95	9.44	1.56	0.23	111.07	0.12	3364.0	6.57	120.5	120.5	122.2	4.01	79.13	79.13	6.47	102.61	1.0	1.0
Arno_04	ARB0735__-05-ARB0734__	-136722.6	1220.3	32.92	110.93	9.21	1.58	0.24	111.06	0.13	3238.2	6.45	120.0	120.0	121.7	3.93	77.42	77.42	6.36	101.88	1.0	1.0
Arno_04	ARB0734__	-136674.4	1224.6	32.79	110.91	8.98	1.62	0.24	111.04	0.13	3115.8	6.34	119.4	119.4	121.3	3.85	75.72	75.72	6.24	101.14	1.0	1.0
Arno_04	ARB0734__-01-ARB0733__	-136632.6	1230.8	-16.81	110.88	8.69	1.73	0.26	111.02	0.15	2873.4	6.13	117.7	117.7	119.4	3.68	72.22	72.22	6.05	101.19	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
Arno_04	ARB0734_-02-ARB0733__	-136590.7	1241.9	-24.10	110.83	8.40	1.89	0.30	111.00	0.18	2635.7	5.89	116.1	116.1	117.9	3.52	68.34	68.34	5.80	100.94	1.0	1.0
Arno_04	ARB0734_-03-ARB0733__	-136548.9	1244.3	-34.45	110.78	8.09	2.12	0.34	110.97	0.23	2405.8	5.62	114.4	114.4	116.3	3.36	64.33	64.33	5.53	100.60	1.0	1.0
Arno_04	ARB0734_-04-ARB0733__	-136507.0	1251.9	-37.17	110.72	7.78	2.41	0.40	110.94	0.30	2179.7	5.32	112.7	112.7	114.8	3.19	59.95	59.95	5.22	100.03	1.0	1.0
Arno_04	ARB0734_-05-ARB0733__	-136465.2	1270.6	-34.78	110.62	7.43	2.79	0.46	110.90	0.40	1958.2	4.95	111.1	111.1	113.4	3.02	54.98	54.98	4.85	99.14	1.0	1.0
Arno_04	ARB0733__	-136423.3	1316.6	-46.22	110.47	7.02	3.25	0.55	110.83	0.54	1768.1	4.54	108.7	108.7	111.5	2.86	49.38	49.38	4.43	96.43	1.0	1.0
Arno_04	ARB0733_-01-ARB0732__	-136376.0	1316.7	0.00	110.45	7.50	2.80	0.44	110.75	0.40	2016.6	4.81	114.2	114.2	116.8	3.08	54.97	54.97	4.71	98.40	1.0	1.0
Arno_05	ARB0733_-01-ARB0732__	-136376.0	1356.4	-51.71	110.45	7.50	2.80	0.44	110.76	0.40	2036.3	4.81	114.2	114.2	116.8	3.08	54.97	54.97	4.71	98.40	1.0	1.0
Arno_05	ARB0733_-02-ARB0732__	-136328.7	1403.7	-53.23	110.43	7.98	2.44	0.37	110.70	0.30	2373.5	5.13	119.1	119.1	121.5	3.35	61.10	61.10	5.03	98.74	1.0	1.0
Arno_05	ARB0733_-03-ARB0732__	-136281.4	1456.2	-55.26	110.41	8.46	2.14	0.32	110.65	0.23	2768.8	5.48	123.9	123.9	126.3	3.61	67.95	67.95	5.38	99.79	1.0	1.0
Arno_05	ARB0733_-04-ARB0732__	-136234.1	1511.5	-58.91	110.40	8.95	2.01	0.28	110.61	0.21	3199.6	5.86	128.8	128.8	131.3	3.83	75.54	75.54	5.75	100.96	1.0	1.0
Arno_05	ARB0733_-05-ARB0732__	-136186.8	1569.9	-61.58	110.39	9.44	1.88	0.25	110.57	0.18	3658.5	6.27	133.6	133.6	136.4	4.01	83.79	83.79	6.14	103.42	1.0	1.0
Arno_05	ARB0732__	-136139.5	1628.4	-60.83	110.39	9.93	1.76	0.22	110.54	0.16	4171.0	6.69	138.5	138.5	141.5	4.19	92.69	92.69	6.55	105.85	1.0	1.0
Arno_05	ARB0732_-01-ARB0731__	-136094.8	1628.2	1.39	110.31	9.34	2.02	0.25	110.52	0.21	3562.8	6.63	122.1	122.1	125.9	3.99	81.01	81.01	6.43	109.19	1.0	1.0
Arno_05	ARB0732_-02-ARB0731__	-136050.2	1628.7	-1.31	110.24	8.75	2.19	0.27	110.49	0.24	3187.7	6.60	112.9	112.9	116.6	3.79	74.54	74.54	6.39	108.96	1.0	1.0
Arno_05	ARB0732_-03-ARB0731__	-136005.5	1630.8	-5.06	110.16	8.13	2.40	0.31	110.45	0.29	2822.6	6.31	107.8	107.8	111.1	3.56	68.07	68.07	6.13	107.41	1.0	1.0
Arno_05	ARB0732_-04-ARB0731__	-135960.9	1647.6	-20.44	110.03	7.48	2.69	0.36	110.40	0.37	2473.1	5.99	102.2	102.2	105.1	3.30	61.18	61.18	5.82	105.56	1.0	1.0
Arno_05	ARB0731__	-135916.2	1672.2	-24.85	109.82	6.75	3.12	0.44	110.32	0.50	2139.9	5.55	96.6	96.6	99.1	3.00	53.64	53.64	5.41	103.05	1.0	1.0
Arno_05	ARB0730__	-135647.6	1672.0	10.62	109.59	8.34	2.55	0.32	109.93	0.33	2873.6	6.68	98.0	98.0	102.8	3.72	65.46	65.46	6.37	108.83	1.0	1.0
Arno_05	ARB0729A	-135631.2	1671.9	0.00	109.27	9.52	3.47	0.44	109.88	0.61	2320.2	6.40	75.4	75.4	82.5	3.59	48.20	48.20	5.84	105.74	1.0	1.0
Arno_05	ARB0728B	-135626.2	1671.9	0.00	108.77	9.02	4.40	0.54	109.75	0.99	2107.1	6.78	56.1	56.1	76.6	3.57	38.05	38.05	4.97	100.18	1.0	1.0
Arno_05	ARB0728C	-135617.9	1672.0	0.00	108.72	8.97	4.43	0.55	109.71	1.00	2092.3	6.73	56.1	56.1	76.3	3.55	37.74	37.74	4.94	100.01	1.0	1.0
Arno_05	ARB0727D	-135612.9	1672.0	0.00	107.41	6.54	6.24	1.00	109.39	1.98	1683.5	3.95	67.9	67.9	72.4	2.32	26.82	26.82	3.70	90.78	1.0	1.0
Arno_05	ARB0726__	-135594.5	1650.3	44.27	107.85	5.65	3.83	0.57	108.60	0.75	1714.8	4.57	94.2	94.2	97.4	2.48	43.08	43.08	4.42	96.38	1.0	1.0
Arno_05	ARB07242A	-135525.1	1650.8	0.00	107.23	3.47	4.36	0.81	108.19	0.97	1322.4	2.97	127.4	127.4	130.4	1.56	37.87	37.87	2.91	83.78	1.0	1.0
Arno_05	ARB07242	-135520.1	1650.8	0.00	106.79	3.03	5.08	1.00	108.11	1.32	1292.5	2.62	123.8	123.8	126.4	1.35	32.46	32.46	2.57	80.39	1.0	1.0
Arno_05	ARB07241	-135506.3	1652.2	-44.15	107.60	9.75	1.73	0.20	107.75	0.15	4065.7	7.38	129.5	135.3	136.3	3.95	95.50	96.35	7.01	112.35	1.0	1.0
Arno_05	ARB0724__	-135399.1	1652.9	0.00	107.60	10.75	1.52	0.18	107.71	0.12	4832.5	7.48	145.9	177.0	149.3	4.20	109.06	112.98	7.30	113.91	1.0	1.0
Arno_05	ARB0723__	-135161.3	1673.7	-20.72	107.02	8.17	2.91	0.44	107.45	0.43	2314.5	4.79	125.9	125.9	129.1	3.16	57.45	57.45	4.67	98.13	1.0	1.0
Arno_05	ARB0722__	-134831.8	1675.1	0.00	105.46	9.63	4.48	0.59	106.49	1.02	2089.5	5.85	63.8	63.8	68.4	3.54	37.37	37.37	5.46	103.37	1.0	1.0
Arno_05	ARB0721__	-134566.6	1675.0	0.00	105.00	6.75	3.38	0.55	105.58	0.58	1860.8	4.81	102.9	102.9	107.3	2.59	49.54	49.54	4.61	97.73	1.0	1.0
Arno_05	ARB0720__	-134404.8	1679.8	0.00	104.49	6.89	3.44	0.78	105.09	0.60	1861.3	3.97	131.0	131.0	133.7	2.60	49.14	49.14	3.88	92.27	1.0	1.0
Arno_05	ARE0719__	-134243.7	1681.0	0.00	104.13	7.36	3.09	0.46	104.62	0.49	2181.6	4.82	112.9	112.9	115.2	3.04	54.42	54.42	4.72	98.49	1.0	1.0
Arno_05	ARE0718__	-134069.8	1681.3	0.00	103.54	6.99	3.50	0.67	104.17	0.62	1989.4	4.43	108.8	108.8	111.4	2.89	48.07	48.07	4.32	95.65	1.0	1.0
Arno_05	ARE0716__	-133644.5	1682.0	0.00	102.48	9.21	3.37	0.46	103.06	0.58	2304.5	5.53	90.2	90.2	96.4	3.46	49.87	49.87	5.17	101.54	1.0	1.0
Arno_05	ARE0715__	-133396.6	1681.8	0.00	102.06	9.04	2.93	0.46	102.50	0.44	2285.8	4.54	126.5	126.5	131.3	3.11	57.43	57.43	4.37	96.00	1.0	1.0
Arno_05	ARE0713__	-132927.9	1682.4	0.00	101.01	8.95	3.01	0.46	101.47	0.46	2440.8	4.98	128.2	128.2	133.2	3.44	55.91	55.91	4.66	98.09	1.0	1.0
Arno_05	ARE0712__	-132673.5	1683.5	0.00	100.25	9.12	3.51	0.46	100.87	0.63	2402.7	6.46	81.5	83.2	89.7	3.76	47.92	47.92	5.91	106.17	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
Arno_05	ARE0711__	-132574.3	1683.8	0.00	100.27	7.45	2.72	0.36	100.65	0.38	2460.7	5.75	107.6	107.6	111.9	3.22	61.92	61.92	5.53	103.83	1.0	1.0
Arno_05	ARE0710A__	-132537.6	1700.6	0.00	99.84	6.50	3.71	0.53	100.54	0.70	1875.4	5.03	91.0	93.4	102.7	2.69	45.79	45.79	4.53	97.18	1.0	1.0
Arno_05	ARE0709B__	-132536.6	1700.6	0.00	99.73	6.39	3.93	0.56	100.51	0.79	1839.5	5.07	85.3	85.3	101.3	2.68	43.30	43.30	4.27	95.29	1.0	1.0
Arno_05	ARE0709C__	-132526.1	1700.6	0.00	99.65	6.31	3.99	0.57	100.46	0.81	1816.9	5.00	85.3	85.3	100.9	2.64	42.64	42.64	4.22	94.90	1.0	1.0
Arno_05	ARE0708D__	-132525.1	1700.6	0.00	99.68	6.35	3.81	0.55	100.42	0.74	1826.3	4.92	90.8	90.8	100.6	2.61	44.62	44.62	4.44	96.47	1.0	1.0
Arno_05	ARE0707__	-132231.2	1702.3	0.00	98.60	7.89	3.97	0.88	99.13	0.80	1717.7	2.69	197.3	197.3	201.2	2.19	52.95	52.95	2.63	81.07	1.0	1.0
Arno_05	ARE0706__	-131931.2	1703.3	0.00	97.26	8.52	3.73	0.52	97.97	0.71	2142.2	5.66	80.7	80.7	84.5	3.27	45.66	45.66	5.40	102.97	1.0	1.0
Arno_05	ARE0705__	-131699.1	1702.7	0.00	96.40	9.03	4.07	0.59	97.24	0.84	2174.0	5.20	86.1	86.1	90.3	3.51	41.89	41.89	4.94	99.96	1.0	1.0
Arno_05	ARE0704__	-131547.0	1702.9	0.00	95.97	8.40	3.69	0.60	96.64	0.69	2017.6	4.04	119.2	119.2	122.1	2.96	46.96	46.96	3.93	92.66	1.0	1.0
Arno_05	ARE0703__	-131216.3	1703.6	0.00	94.83	8.80	3.44	0.55	95.44	0.60	2042.0	4.35	125.8	125.8	130.5	2.92	49.51	49.51	4.16	94.47	1.0	1.0
Arno_05	ARE0702__	-130901.2	1703.9	0.00	93.72	6.51	3.47	0.57	94.33	0.62	1826.1	3.84	127.9	127.9	130.7	2.49	49.05	49.05	3.75	91.24	1.0	1.0
Arno_05	ARE0701__	-130505.6	1704.9	0.00	92.20	6.71	3.71	0.71	92.90	0.70	1803.8	4.18	110.2	110.2	113.2	2.52	46.02	46.02	4.07	93.71	1.0	1.0
Arno_05	ARE0700__	-130230.8	1705.4	0.00	90.70	7.63	4.54	0.64	91.75	1.05	1957.0	5.07	74.1	74.1	79.5	3.11	37.54	37.54	4.72	98.48	1.0	1.0
Arno_05	ARE0699__	-130034.9	1705.5	0.00	90.10	6.22	3.90	0.60	90.88	0.78	1738.4	4.32	101.1	101.1	103.7	2.43	43.70	43.70	4.21	94.82	1.0	1.0
Arno_05	ARE0698__	-129808.7	1706.2	0.00	89.61	5.48	3.15	0.62	90.10	0.51	1800.5	4.23	128.8	128.8	131.3	2.31	54.48	54.48	4.15	94.35	1.0	1.0
Arno_05	ARE0697__	-129561.4	1718.8	0.00	88.75	6.56	3.64	0.57	89.42	0.67	1914.8	4.85	97.4	97.4	99.8	2.71	47.29	47.29	4.74	98.60	1.0	1.0
Arno_05	ARE0696__	-129375.6	1719.1	0.00	87.86	6.85	4.20	0.68	88.74	0.90	1873.7	4.47	94.5	94.5	96.2	2.77	41.34	41.34	4.38	96.09	1.0	1.0
Arno_05	ARE0695__	-129297.4	1719.4	0.00	87.51	7.61	4.23	0.65	88.40	0.91	1919.4	4.85	91.0	91.0	95.8	2.89	41.04	41.04	4.57	97.43	1.0	1.0
Arno_05	ARE0693__	-128798.5	1721.3	0.00	85.60	8.28	4.16	0.57	86.48	0.88	2063.5	5.34	77.6	77.6	80.7	3.22	41.45	41.45	5.14	101.28	1.0	1.0
Arno_05	ARE0692__	-128545.2	1721.0	0.00	85.02	8.16	3.67	0.58	85.70	0.69	2111.7	5.67	82.7	83.3	88.1	3.14	46.90	46.90	5.32	102.51	1.0	1.0
Arno_05	ARB0691__	-128251.3	1606.9	190.09	84.44	8.44	3.90	0.58	85.01	0.78	2094.9	5.66	81.0	81.0	86.1	3.44	45.82	45.82	5.32	102.51	1.0	1.0
Arno_05	ARB0690__	-127892.4	1609.5	0.00	84.32	9.02	2.27	0.40	84.48	0.26	3100.2	5.01	171.3	171.3	173.8	3.29	85.79	85.79	4.94	99.98	1.0	1.0
Arno_05	ARB0689__	-127674.6	1725.8	-191.90	83.91	8.74	3.05	0.51	84.26	0.47	2709.4	5.92	108.8	108.8	111.9	3.50	64.39	64.39	5.75	105.21	1.0	1.0
Arno_05	ARB0687__	-127384.1	2473.7	0.00	83.08	10.66	3.44	0.50	83.68	0.60	3551.2	5.71	144.6	144.6	148.9	3.73	71.97	71.97	5.47	103.42	1.0	1.0
Arno_05	ARB0686__	-127078.2	2473.8	0.00	82.20	9.32	3.76	0.66	82.91	0.72	3213.6	5.73	115.3	115.3	117.8	3.44	66.01	66.01	5.60	104.26	1.0	1.0
Arno_05	ARB0685__	-126951.0	2475.0	0.00	81.71	9.19	4.16	0.52	82.58	0.88	3339.7	6.62	90.2	90.2	94.3	3.85	59.76	59.76	6.34	108.66	1.0	1.0
Arno_05	ARB0684__	-126680.8	2475.3	0.00	81.19	9.19	3.81	0.48	81.91	0.74	3424.1	6.40	102.0	102.0	106.3	3.79	65.32	65.32	6.14	107.53	1.0	1.0
Arno_05	ARB0683__	-126603.6	2365.6	110.48	81.36	11.55	2.71	0.31	81.73	0.37	4837.4	7.79	112.3	112.3	118.5	4.79	87.49	87.49	7.38	114.31	1.0	1.0
Arno_05	ARB0682__	-126340.3	2205.7	165.15	81.01	9.86	2.99	0.45	81.43	0.46	3414.4	5.83	131.4	131.4	134.5	3.61	76.63	76.63	5.70	104.87	1.0	1.0
Arno_05	ARB0682__-01-ARB0681__	-126294.1	2194.0	14.58	80.93	9.79	3.09	0.49	81.36	0.49	3333.6	5.31	142.3	142.3	145.5	3.56	75.31	75.31	5.17	101.55	1.0	1.0
Arno_05	ARB0682__-02-ARB0681__	-126247.9	2193.2	0.07	80.82	9.70	3.19	0.52	81.28	0.52	3265.7	5.31	145.4	145.4	148.8	3.55	73.33	73.33	5.16	101.49	1.0	1.0
Arno_05	ARB0682__-03-ARB0681__	-126201.7	2192.8	0.00	80.71	9.60	3.28	0.54	81.19	0.55	3212.1	5.35	140.9	140.9	144.7	3.54	71.54	71.54	5.19	101.64	1.0	1.0
Arno_05	ARB0682__-04-ARB0681__	-126155.5	2192.5	0.00	80.60	9.50	3.34	0.54	81.10	0.57	3170.3	5.34	137.0	137.0	141.1	3.53	70.14	70.14	5.16	101.44	1.0	1.0
Arno_05	ARB0681__	-126109.3	2192.5	0.00	80.49	9.40	3.41	0.59	81.00	0.59	3135.3	5.26	134.8	134.8	139.4	3.52	69.06	69.06	5.07	100.84	1.0	1.0
Arno_06	ARB0681__	-126109.3	2193.8	0.00	80.49	9.40	3.42	0.59	81.00	0.60	3136.1	5.26	134.8	134.8	139.4	3.52	69.06	69.06	5.07	100.84	1.0	1.0
Arno_06	ARB0681__-01-ARB0680__	-126065.3	2193.6	0.00	80.42	9.53	3.37	0.64	80.92	0.58	3186.7	5.59	130.7	130.7	135.3	3.58	69.62	69.62	5.38	102.86	1.0	1.0
Arno_06	ARB0681__-02-ARB0680__	-126021.4	2193.8	0.00	80.35	9.67	3.29	0.69	80.83	0.55	3287.2	6.00	126.4	126.4	131.7	3.68	70.68	70.68	5.74	105.12	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
Arno_06	ARB0680__	-125977.4	2194.6	0.00	80.29	9.82	3.37	1.01	80.76	0.58	3438.8	6.50	122.0	122.0	128.6	3.83	72.29	72.29	6.13	107.48	1.0	1.0
Arno_06	ARB0679A__	-125971.1	2194.8	0.00	80.32	9.42	2.99	0.91	80.74	0.46	3636.4	6.96	109.5	109.5	113.7	3.94	76.23	76.23	6.70	110.71	1.0	1.0
Arno_06	ARB0678B__	-125970.1	2194.8	0.00	80.08	9.83	3.50	0.42	80.68	0.62	3664.1	11.37	77.3	77.3	173.6	4.57	63.50	63.50	3.92	92.55	1.0	1.0
Arno_06	ARB0678C__	-125962.1	2194.8	0.00	80.05	9.80	3.51	0.43	80.65	0.63	3644.8	11.30	77.3	77.3	172.3	4.55	63.31	63.31	3.92	92.55	1.0	1.0
Arno_06	ARB0677D__	-125961.1	2194.8	0.00	80.15	10.05	2.98	0.54	80.55	0.45	3664.4	5.71	136.3	136.3	140.0	3.91	77.74	77.74	5.56	104.02	1.0	1.0
Arno_06	ARB0676__	-125945.0	2194.7	0.18	80.02	10.43	3.22	0.39	80.52	0.53	3705.4	7.95	87.8	87.8	96.8	4.31	69.84	69.84	7.22	113.47	1.0	1.0
Arno_06	ARB0675__	-125859.4	2194.5	-7.04	79.76	10.96	3.62	0.42	80.38	0.67	3698.9	7.86	79.7	90.7	99.5	4.67	62.58	62.58	7.01	112.35	1.0	1.0
Arno_06	ARB0675__-01-ARB0674__	-125819.5	2194.6	-7.04	79.74	10.91	3.44	0.40	80.30	0.60	3762.9	7.46	94.4	99.1	104.1	4.59	65.92	65.92	7.06	112.62	1.0	1.0
Arno_06	ARB0675__-02-ARB0674__	-125779.7	2194.8	-9.66	79.69	10.83	3.38	0.40	80.23	0.58	3795.0	7.52	93.3	100.3	105.4	4.58	67.00	67.00	7.11	112.92	1.0	1.0
Arno_06	ARB0675__-03-ARB0674__	-125739.8	2195.0	-8.55	79.64	10.76	3.31	0.39	80.16	0.56	3828.0	7.58	92.5	102.5	107.7	4.58	68.03	68.03	7.15	113.13	1.0	1.0
Arno_06	ARB0674__	-125700.0	2195.0	-8.10	79.60	10.69	3.26	0.38	80.10	0.54	3861.8	7.60	94.1	97.7	103.2	4.57	69.10	69.10	7.16	113.16	1.0	1.0
Arno_06	ARB0674__-01-ARB0673__	-125654.5	2195.2	0.00	79.50	10.65	3.36	0.40	80.04	0.57	3742.2	7.68	87.4	87.4	92.6	4.50	67.08	67.08	7.25	113.61	1.0	1.0
Arno_06	ARB0674__-02-ARB0673__	-125609.1	2195.7	0.00	79.41	10.62	3.44	0.41	79.98	0.60	3635.5	7.65	85.6	85.6	90.5	4.42	65.44	65.44	7.23	113.53	1.0	1.0
Arno_06	ARB0674__-03-ARB0673__	-125563.6	2196.3	0.00	79.32	10.58	3.53	0.42	79.91	0.64	3536.2	7.56	84.6	84.6	89.3	4.34	64.02	64.02	7.17	113.19	1.0	1.0
Arno_06	ARB0674__-04-ARB0673__	-125518.2	2197.0	0.00	79.22	10.55	3.61	0.44	79.84	0.67	3443.2	7.44	84.3	84.3	88.9	4.25	62.74	62.74	7.06	112.62	1.0	1.0
Arno_06	ARB0674__-05-ARB0673__	-125472.7	2197.6	0.00	79.12	10.51	3.70	0.46	79.77	0.70	3352.9	7.29	84.3	84.3	88.8	4.17	61.52	61.52	6.93	111.92	1.0	1.0
Arno_06	ARB0673__	-125427.3	2198.2	0.00	79.02	10.46	3.80	0.48	79.69	0.74	3265.3	7.13	84.6	84.6	89.0	4.08	60.34	60.34	6.78	111.09	1.0	1.0
Arno_06	ARB0673__-01-ARB0672__	-125381.5	2199.0	0.00	79.04	10.63	3.45	0.43	79.59	0.61	3502.1	7.25	91.6	91.6	95.9	4.17	66.40	66.40	6.92	111.89	1.0	1.0
Arno_06	ARB0673__-02-ARB0672__	-125335.8	2199.5	0.00	79.06	10.79	3.15	0.39	79.52	0.50	3783.2	7.37	98.7	98.7	103.1	4.28	72.79	72.79	7.06	112.65	1.0	1.0
Arno_06	ARB0673__-03-ARB0672__	-125290.0	2199.6	0.00	79.07	10.95	2.87	0.35	79.46	0.42	4108.9	7.49	106.1	106.1	110.5	4.40	79.51	79.51	7.19	113.34	1.0	1.0
Arno_06	ARB0673__-04-ARB0672__	-125244.2	2199.4	0.00	79.08	11.11	2.64	0.32	79.41	0.35	4480.8	7.60	113.9	113.9	118.5	4.53	86.56	86.56	7.30	113.91	1.0	1.0
Arno_06	ARB0673__-05-ARB0672__	-125198.5	2199.6	0.00	79.09	11.26	2.43	0.29	79.37	0.30	4900.9	7.65	122.9	122.9	127.9	4.66	93.99	93.99	7.35	114.16	1.0	1.0
Arno_06	ARB0672__	-125152.7	2199.8	-1.99	79.10	11.42	2.24	0.26	79.33	0.26	5374.7	7.83	130.1	130.1	136.1	4.81	101.86	101.86	7.48	114.83	1.0	1.0
Arno_06	ARB06723A	-125048.9	2198.7	0.00	78.90	11.80	2.79	0.38	79.23	0.40	4010.1	5.39	168.0	168.0	170.6	3.99	86.19	86.19	5.29	102.33	1.0	1.0
Arno_06	ARB06722B	-125047.9	2198.7	0.00	78.90	12.20	2.78	0.38	79.23	0.39	4132.6	5.66	151.9	151.9	182.1	4.14	86.00	86.00	4.72	98.50	1.0	1.0
Arno_06	ARB06722C	-125035.8	2198.6	0.00	78.88	12.18	2.79	0.39	79.21	0.40	4115.5	5.65	151.6	151.6	181.7	4.14	85.66	85.66	4.71	98.44	1.0	1.0
Arno_06	ARB06721D	-125034.8	2198.6	0.00	78.85	11.25	2.80	0.36	79.21	0.40	4170.2	6.42	129.9	129.9	133.3	4.30	83.32	83.32	6.25	108.15	1.0	1.0
Arno_06	ARB0671__	-124893.0	2105.5	251.34	78.77	12.92	2.46	0.26	79.08	0.31	5070.4	8.97	95.5	95.5	99.9	5.31	85.58	85.58	8.57	115.39	1.0	1.0
Arno_06	ARB0670__	-124598.1	2106.1	0.00	78.25	10.84	3.22	0.39	78.77	0.53	3494.1	7.30	89.7	89.7	96.3	4.28	65.51	65.51	6.80	111.23	1.0	1.0
Arno_06	ARB0669__	-124427.0	2105.6	0.00	78.07	10.57	3.06	0.35	78.55	0.48	3783.0	8.04	85.8	85.8	94.7	4.54	68.96	68.96	7.28	113.78	1.0	1.0
Arno_06	ARB0668__	-124065.8	2105.9	0.00	77.80	10.91	2.62	0.33	78.15	0.35	4107.1	7.15	112.6	112.6	117.3	4.40	80.57	80.57	6.87	111.61	1.0	1.0
Arno_06	ARB0667__	-123870.5	2406.6	-341.66	77.66	10.62	2.48	0.31	77.97	0.31	4577.7	6.60	147.6	147.6	151.4	4.08	97.47	97.47	6.44	106.71	1.0	1.0
Arno_06	ARB0666__	-123732.6	2406.2	0.00	77.34	10.77	3.04	0.36	77.81	0.47	4125.6	7.14	111.2	111.2	115.3	4.26	79.44	79.44	6.89	111.73	1.0	1.0
Arno_06	ARB0665__	-123421.8	2484.3	-78.77	77.05	10.57	2.86	0.33	77.46	0.42	4664.9	7.88	110.5	110.7	115.6	4.53	87.12	87.12	7.53	115.10	1.0	1.0
Arno_06	ARB0664__	-123181.0	2485.3	0.00	76.78	10.58	2.91	0.35	77.21	0.43	4473.8	6.88	124.6	128.2	129.3	4.36	85.73	85.74	6.63	110.31	1.0	1.0
Arno_06	ARB0663__	-122717.3	2489.0	0.00	75.36	8.61	4.20	0.55	76.24	0.90	3109.0	5.93	100.1	100.1	103.4	3.45	59.39	59.39	5.75	105.16	1.0	1.0
Arno_06	ARB0662__	-122463.2	1953.3	531.33	74.77	9.24	3.76	0.52	75.48	0.72	2608.6	5.42	96.1	96.1	98.7	3.59	52.12	52.12	5.28	99.50	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
Arno_06	ARB0661__	-122143.2	1954.0	0.00	73.17	6.78	4.52	0.70	74.21	1.04	2006.0	4.26	101.6	101.6	104.1	2.56	43.26	43.26	4.15	94.37	1.0	1.0
Arno_06	ARB06602A	-122035.3	2072.1	-116.70	72.70	3.58	4.02	0.77	73.51	0.82	1641.2	2.94	176.6	176.6	178.3	1.55	51.88	51.88	2.91	83.82	1.0	1.0
Arno_06	ARB06602__	-122030.3	2112.5	-40.31	72.18	3.06	4.95	1.02	73.42	1.25	1618.6	2.47	172.7	172.7	174.2	1.30	42.71	42.71	2.45	79.16	1.0	1.0
Arno_06	ARB06601__	-121996.3	2215.8	-103.60	72.60	8.37	1.51	0.18	72.71	0.12	5620.3	6.85	215.1	215.1	219.2	3.59	147.32	147.32	6.75	110.98	1.0	1.0
Arno_06	ARB0659__	-121706.8	2242.0	0.00	72.28	8.78	2.16	0.49	72.51	0.24	3242.6	4.47	232.0	232.0	236.9	2.65	103.61	103.61	4.37	96.00	1.0	1.0
Arno_06	ARB0658__	-121438.9	2001.0	264.95	71.82	8.57	2.95	0.46	72.17	0.44	3069.6	5.36	139.5	139.5	142.4	3.39	74.82	74.82	5.25	99.43	1.0	1.0
Arno_06	ARB0657__	-121135.3	2167.4	-201.14	71.38	8.36	2.86	0.41	71.78	0.42	3364.2	6.06	128.8	128.8	130.6	3.52	78.08	78.08	5.98	101.65	1.0	1.0
Arno_06	ARB0656__	-120868.5	2275.2	-113.84	70.90	7.88	3.19	0.48	71.39	0.52	3018.2	5.70	128.8	128.8	130.7	3.13	73.47	73.47	5.62	104.40	1.0	1.0
Arno_06	ARB0655__	-120740.6	2510.0	-237.12	70.73	8.28	3.04	0.38	71.20	0.47	3696.9	6.43	128.6	128.6	130.8	3.53	82.61	82.61	6.31	108.49	1.0	1.0
Arno_06	ARB0654__	-120492.3	2530.8	-21.39	70.23	7.89	3.33	0.44	70.79	0.57	3324.6	5.99	126.9	126.9	128.8	3.24	76.01	76.01	5.90	106.09	1.0	1.0
Arno_06	ARB06532A	-120263.7	2529.7	0.00	70.30	4.77	2.47	0.71	70.45	0.31	3905.6	4.70	313.8	313.8	318.3	2.35	147.40	147.40	4.63	97.84	1.0	1.0
Arno_06	ARB06532__	-120258.7	2529.6	0.00	70.29	4.76	3.10	1.03	70.44	0.49	3898.7	4.69	313.8	313.8	318.3	2.35	147.24	147.24	4.63	97.81	1.0	1.0
Arno_06	ARB06531__	-120236.1	2529.5	0.00	70.37	10.13	0.94	0.10	70.42	0.05	12363.4	8.85	303.6	303.6	306.8	4.51	268.57	268.57	8.75	120.99	1.0	1.0
Arno_06	ARB0652__	-119915.6	2401.9	125.39	69.77	12.19	3.03	0.38	70.23	0.47	4145.2	7.14	112.2	133.2	118.4	4.26	80.08	80.87	6.77	111.05	1.0	1.0
Arno_06	ARB0651__	-119710.0	2359.7	136.54	69.37	12.88	3.39	0.38	69.96	0.59	4152.8	8.29	84.0	84.0	89.8	4.79	69.68	69.68	7.76	113.33	1.0	1.0
Arno_06	ARB0650__	-119285.6	2403.8	-43.06	68.71	7.91	3.30	0.45	69.27	0.55	3255.8	5.77	126.4	126.4	131.2	3.36	72.88	72.88	5.55	103.98	1.0	1.0
Arno_06	ARB0649__	-119075.1	2404.2	0.00	68.43	7.42	3.13	0.69	68.87	0.50	3078.7	5.18	158.0	176.8	160.6	2.88	81.77	84.39	5.09	100.97	1.0	1.0
Arno_06	ARB06482A	-118989.4	2534.4	-135.40	68.46	6.67	2.64	0.72	68.73	0.36	3996.7	6.14	179.8	179.8	189.9	3.08	110.40	110.40	5.81	105.55	1.0	1.0
Selceto	SE0001_A	-11.5	92.4	0.00	112.60	2.91	3.37	0.70	113.18	0.58	71.4	2.87	9.6	9.6	15.1	1.45	2.74	2.74	1.81	111.89	1.0	1.0
Selceto	SE0001_B	-10.5	92.4	0.00	112.57	2.89	3.42	0.66	113.17	0.60	72.1	3.24	9.7	9.7	15.2	1.47	2.70	2.70	1.77	111.04	1.0	1.0
Selceto	SE0001_C	0.0	92.4	0.00	112.34	2.69	4.61	1.00	112.82	1.08	64.6	2.93	9.7	9.7	14.7	1.37	2.54	2.54	1.73	110.05	1.0	1.0
Selceto	SE0001_D	1.0	92.4	0.00	112.34	4.30	3.53	0.68	112.35	0.63	85.4	4.19	9.5	9.5	17.7	2.13	4.00	4.00	2.26	120.35	1.0	1.0
Selceto	SE0002__	15.1	92.4	-6.42	112.34	4.35	3.60	1.00	112.35	0.66	88.5	4.23	9.7	9.7	15.1	2.15	4.09	4.09	2.70	118.27	1.0	1.0
Selceto	SE0003_A	23.8	92.4	0.20	112.34	4.58	3.23	0.62	112.35	0.53	99.9	3.95	11.5	11.5	18.1	2.20	4.53	4.53	2.51	122.87	1.0	1.0
Selceto	SE0003_B	24.8	92.4	0.00	112.34	4.58	3.37	0.60	112.35	0.58	93.3	9999.99	9.5	9.5	25.0	2.56	3.63	3.63	1.77	111.05	1.0	1.0
Selceto	SE0003_C	34.7	92.4	0.00	112.34	4.58	3.53	1.00	112.35	0.64	93.3	9999.99	9.5	9.5	25.0	2.56	3.63	3.63	1.77	111.05	1.0	1.0
Selceto	SE0003_D	35.7	92.4	0.03	112.34	4.58	3.50	1.00	112.34	0.62	99.9	3.95	11.5	11.5	18.1	2.20	4.53	4.53	2.51	122.89	1.0	1.0
Selceto	SE0004_A	37.1	92.4	0.03	112.34	4.76	3.18	1.00	112.34	0.51	108.4	4.07	11.7	11.7	18.5	2.27	4.75	4.75	2.57	123.95	1.0	1.0
Selceto	SE0004_D	37.4	92.4	0.01	112.34	5.35	2.57	0.44	112.34	0.34	135.4	4.53	11.7	11.7	19.6	2.56	5.28	5.28	2.69	126.04	1.0	1.0
Selceto	SE0005__	109.6	92.3	7.71	112.35	6.24	2.17	0.42	112.35	0.24	167.0	2.99	25.1	25.1	28.5	2.22	7.51	7.51	2.64	126.71	1.0	1.0
Selceto	SE0006__	136.6	92.2	8.52	112.35	6.36	1.76	0.34	112.35	0.16	203.4	3.33	26.2	26.2	29.5	2.33	8.71	8.71	2.95	131.54	1.0	1.0
Selceto	SE0006__-01-SE0007__	186.7	92.0	19.52	112.35	6.75	1.10	0.19	112.35	0.06	338.6	3.66	37.3	42.0	40.4	2.48	13.67	13.79	3.38	137.71	1.0	1.0
Selceto	SE0007__	236.7	91.8	0.89	112.35	7.14	0.82	0.14	112.35	0.03	454.6	3.92	45.7	52.5	49.7	2.54	17.90	18.63	3.60	140.58	1.0	1.0
Selceto	SE0008__	293.3	91.5	0.04	112.35	7.69	0.75	0.12	112.35	0.03	495.6	5.10	33.6	44.5	38.7	2.89	17.15	18.38	4.43	150.67	1.0	1.0
Selceto	SE0008__-01-SE0009__	342.9	92.2	-3.28	112.35	7.16	0.87	0.15	112.35	0.04	417.7	4.72	32.4	39.7	37.0	2.73	15.32	15.64	4.14	147.23	1.0	1.0
Selceto	SE0009__	392.4	92.3	-5.17	112.35	6.64	1.03	0.19	112.35	0.05	344.3	4.34	31.3	33.6	35.6	2.54	13.57	13.58	3.81	143.30	1.0	1.0
Selceto	SE0010__	446.1	89.1	40.45	112.35	8.36	0.49	0.07	112.35	0.01	796.1	5.88	42.1	48.5	45.8	3.21	24.76	25.42	5.41	155.41	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
Romacale	RO0001_A	0.0	8.9	3.43	114.40	3.00	0.71	0.23	114.42	0.03	18.5	2.59	5.0	10.9	6.3	1.39	1.29	2.13	2.04	97.91	1.0	1.0
Romacale	RO0001_B	1.5	8.9	0.00	114.21	2.71	2.11	1.00	114.37	0.23	8.0	9999.99	2.3	10.9	8.6	1.42	0.46	1.54	0.54	61.63	1.0	1.0
Romacale	RO0002_C	11.4	9.0	0.00	114.14	3.14	1.76	0.52	114.24	0.16	10.9	9999.99	2.3	4.5	8.6	1.75	0.56	0.94	0.65	61.67	1.0	1.0
Romacale	RO0002_D	11.5	9.0	0.08	114.15	3.25	1.18	0.22	114.20	0.07	14.0	3.23	2.5	4.5	10.5	1.64	0.81	1.16	0.77	79.44	1.0	1.0
Romacale	RO0003_A	12.6	8.5	0.75	114.15	3.26	1.11	0.20	114.19	0.06	13.9	3.24	2.5	4.5	10.4	1.64	0.81	1.17	0.78	79.52	1.0	1.0
Romacale	RO0003_B	12.7	8.5	0.00	114.08	3.09	1.69	0.82	114.17	0.15	10.4	9999.99	2.3	4.5	8.6	1.70	0.56	0.94	0.65	61.58	1.0	1.0
Romacale	RO0004_C	54.3	8.8	0.00	113.47	2.93	3.63	1.01	113.66	0.67	7.3	15.03	1.8	5.9	6.9	1.32	0.43	1.14	0.62	70.44	1.0	1.0
Romacale	RO0004_D	54.8	8.4	0.40	113.53	3.00	2.70	1.01	113.59	0.37	11.5	2.86	2.6	5.9	4.5	1.43	0.74	1.34	1.65	99.29	1.0	1.0
Romacale	RO0005_A	57.8	4.9	4.45	113.58	3.28	-0.97	0.90	113.58	0.05	17.5	2.92	3.9	7.4	7.2	1.54	1.13	1.79	1.57	97.41	1.0	1.0
Romacale	RO0005_B	58.0	4.9	0.00	113.39	3.09	2.69	1.37	113.52	0.37	6.3	9999.99	1.6	7.0	6.6	2.20	0.26	1.15	0.41	68.40	1.0	1.0
Romacale	RO0006_C	69.4	5.0	0.00	112.56	2.14	4.39	1.64	113.22	0.98	3.5	9999.99	1.6	1.9	6.1	1.76	0.11	0.11	0.37	65.91	1.0	1.0
Romacale	RO0006_D	70.4	5.0	-0.03	111.45	1.03	3.11	1.64	111.94	0.49	2.4	1.00	1.6	1.6	3.6	0.50	0.16	0.16	0.44	69.94	1.0	1.0
Romacale	RO0007__	81.0	4.9	0.00	111.29	1.00	2.26	1.46	111.41	0.26	1.9	0.62	4.4	4.4	4.9	0.39	0.27	0.27	0.56	75.41	1.0	1.0
Romacale	RO0007__-01-RO0008__	111.8	4.9	-0.57	111.28	1.32	1.89	1.00	111.28	0.18	2.6	0.81	6.3	6.3	6.8	0.52	0.51	0.51	0.74	80.29	1.0	1.0
Romacale	RO0008__	142.6	5.0	-1.20	111.28	1.64	2.15	1.43	111.28	0.24	5.3	1.06	7.8	7.8	8.3	0.64	0.82	0.89	0.99	83.21	1.0	1.0
Romacale	RO0008__-01-RO0009__	184.2	5.0	-1.84	111.28	2.57	2.30	1.07	111.28	0.27	14.1	1.71	8.1	10.1	9.1	1.01	1.39	1.62	1.53	100.07	1.0	1.0
Romacale	RO0009__	225.7	5.7	-2.14	111.28	3.51	2.28	1.00	111.28	0.26	27.0	2.32	8.5	12.5	10.0	1.37	1.96	2.74	1.96	110.66	1.0	1.0
Romacale	RO0010__	269.1	8.0	-2.81	111.28	4.17	1.77	0.79	111.28	0.16	41.4	2.32	12.2	12.2	14.1	1.46	2.83	2.83	2.01	110.72	1.0	1.0
Romacale	RO0011__	321.5	10.8	-3.21	111.27	4.68	1.72	0.55	111.28	0.15	40.6	2.69	8.1	9.8	11.8	1.85	2.18	2.47	1.85	97.74	1.0	1.0
Romacale	RO0012__	331.2	11.8	-1.02	111.26	4.50	2.71	1.00	111.28	0.37	31.0	3.66	4.2	9.8	7.7	2.00	1.53	2.45	1.99	105.59	1.0	1.0
Romacale	RO0013__	332.2	11.9	-0.05	111.27	7.81	0.33	0.05	111.27	0.01	141.3	7.40	5.0	12.8	15.9	3.81	3.70	4.96	2.33	117.80	1.0	1.0
Ischieto	IS0001_A	-21.5	17.1	0.00	111.54	2.06	1.66	0.40	111.68	0.14	12.0	1.73	5.9	5.9	11.8	0.89	1.03	1.03	0.87	87.63	1.0	1.0
Ischieto	IS0001_B	-20.5	17.1	0.00	111.53	2.06	1.67	0.51	111.68	0.14	12.0	1.73	5.9	5.9	11.8	0.89	1.03	1.03	0.87	87.56	1.0	1.0
Ischieto	IS0001_C	0.0	17.2	0.00	111.43	2.02	1.76	0.65	111.58	0.16	11.3	1.64	5.9	5.9	11.7	0.85	0.98	0.98	0.83	86.26	1.0	1.0
Ischieto	IS0001_D	1.0	17.2	0.00	111.42	2.02	1.77	1.00	111.58	0.16	11.3	1.64	5.9	5.9	11.7	0.84	0.97	0.97	0.83	86.13	1.0	1.0
Ischieto	IS0002_A	2.4	17.2	0.00	111.48	2.21	1.20	0.38	111.56	0.07	12.6	1.04	13.8	13.8	18.0	0.74	1.43	1.43	0.80	85.04	1.0	1.0
Ischieto	IS0002_B	3.4	17.2	0.00	111.43	2.16	2.75	1.00	111.54	0.39	9.8	1.93	13.4	13.4	17.9	0.63	1.16	1.16	0.65	79.35	1.0	1.0
Ischieto	IS0002_C	7.9	17.2	0.00	111.10	2.09	3.87	1.52	111.40	0.76	7.8	9999.99	11.7	11.7	15.5	0.88	0.71	0.71	0.46	70.59	1.0	1.0
Ischieto	IS0002_D	8.9	17.2	0.00	111.14	2.13	0.91	0.24	111.18	0.04	18.4	1.46	13.0	13.0	14.1	0.89	1.89	1.89	1.34	101.18	1.0	1.0
Ischieto	IS0003_A	14.9	17.1	0.00	111.01	1.94	2.01	1.00	111.15	0.21	9.4	1.22	7.4	7.4	8.7	0.71	0.90	0.90	1.03	92.66	1.0	1.0
Ischieto	IS0003_B	15.9	17.1	0.00	111.01	1.94	2.55	1.00	111.11	0.33	8.9	1.75	5.6	5.6	8.6	0.78	0.78	0.78	0.91	89.00	1.0	1.0
Ischieto	IS0003_C	23.4	17.1	0.00	111.01	2.14	3.11	1.00	111.01	0.49	8.5	1.87	5.6	5.6	8.8	0.84	0.84	0.84	0.96	90.39	1.0	1.0
Ischieto	IS0003_D	24.4	17.1	0.00	111.01	2.17	2.96	1.00	111.01	0.45	8.3	1.32	7.4	7.4	8.9	0.77	0.97	0.97	1.09	94.36	1.0	1.0
Ischieto	IS0004__	34.6	17.1	0.00	111.01	2.55	2.97	1.00	111.01	0.45	10.3	1.29	9.3	9.3	10.7	0.86	1.20	1.20	1.12	95.27	1.0	1.0
Ischieto	IS0004__-01-IS0005_A	57.6	17.1	0.00	111.01	3.19	2.79	1.00	111.01	0.40	27.2	1.94	12.0	12.0	14.0	1.17	2.33	2.33	1.66	108.61	1.0	1.0
Ischieto	IS0005_A	80.7	17.1	0.00	111.01	3.84	2.41	0.94	111.01	0.30	58.4	2.80	12.7	15.9	17.0	1.64	3.56	3.60	2.10	117.45	1.0	1.0
Ischieto	IS0005_B	81.7	17.1	0.00	111.01	3.88	2.40	1.00	111.01	0.29	55.1	9999.99	9.0	9.0	23.6	1.88	2.93	2.93	1.99	115.38	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
Ischieto	IS0005_C	94.7	17.2	0.00	111.01	4.33	2.66	1.00	111.01	0.36	58.7	9999.99	9.0	9.0	23.8	1.94	3.02	3.02	2.03	116.06	1.0	1.0
Ischieto	IS0005_D	95.7	17.2	0.00	111.01	4.36	2.58	1.00	111.01	0.34	62.6	2.89	12.7	15.9	17.2	1.71	3.67	3.71	2.13	118.11	1.0	1.0
Ischieto	IS0006__	121.7	17.2	-2.96	111.01	5.24	3.45	1.00	111.01	0.61	85.9	3.26	13.8	37.1	16.5	1.91	4.49	7.91	2.72	114.02	1.0	1.0
Ischieto	IS0006__-01-IS0007__	149.3	17.2	-2.65	111.01	5.96	1.50	0.43	111.01	0.11	135.5	3.98	15.0	32.8	17.4	2.27	5.96	9.93	3.42	121.50	1.0	1.0
Ischieto	IS0007__	176.9	17.1	-1.36	111.01	6.69	0.79	0.21	111.01	0.03	195.3	4.63	16.2	28.5	18.6	2.61	7.48	11.23	4.03	130.16	1.0	1.0
Verrazzano	VE0001_A	-16.5	10.8	0.00	116.06	1.75	2.29	0.57	116.33	0.27	6.5	1.68	2.8	2.8	6.1	0.84	0.47	0.47	0.78	84.53	1.0	1.0
Verrazzano	VE0001AB	-15.5	10.8	0.00	116.06	1.76	2.18	0.53	116.31	0.24	6.8	1.76	2.8	2.8	6.3	0.88	0.50	0.50	0.78	84.55	1.0	1.0
Verrazzano	VE0001AC	0.0	10.8	0.00	115.35	1.15	3.35	1.00	115.92	0.57	5.6	1.15	2.8	2.8	5.1	0.57	0.32	0.32	0.63	78.67	1.0	1.0
Verrazzano	VE0001_B	0.4	10.8	0.00	115.20	1.57	2.44	0.62	115.51	0.30	6.2	1.57	2.8	2.8	6.0	0.79	0.44	0.44	0.74	83.06	1.0	1.0
Verrazzano	VE0001_C	4.7	10.8	0.00	115.06	1.50	2.69	0.72	115.43	0.37	5.8	1.43	2.8	2.8	5.6	0.71	0.40	0.40	0.73	82.41	1.0	1.0
Verrazzano	VE0001_D	5.7	10.8	0.00	114.78	1.22	3.35	1.00	115.35	0.57	5.6	1.15	2.8	2.8	5.0	0.57	0.32	0.32	0.65	79.37	1.0	1.0
Verrazzano	VE0002__	7.5	10.8	0.00	114.96	1.32	2.45	1.00	115.12	0.31	5.4	0.94	6.5	6.5	7.6	0.57	0.61	0.61	0.80	85.08	1.0	1.0
Verrazzano	VE0003__	14.2	10.8	0.00	114.41	1.33	3.37	1.00	114.99	0.58	5.7	1.16	2.8	2.8	4.8	0.61	0.32	0.32	0.67	80.09	1.0	1.0
Verrazzano	VE0004__	43.2	11.0	0.00	114.22	1.75	2.59	1.00	114.29	0.34	5.6	1.20	5.4	5.4	6.9	0.71	0.65	0.65	0.94	89.90	1.0	1.0
Verrazzano	VE0005_A	69.2	5.4	6.21	114.18	2.41	1.16	0.49	114.19	0.07	10.8	2.16	4.5	6.5	8.8	1.08	0.97	0.97	1.11	83.84	1.0	1.0
Verrazzano	VE0005_B	70.2	5.3	0.00	113.88	2.10	2.50	1.00	114.11	0.32	4.7	9999.99	2.3	6.5	8.0	1.42	0.25	0.39	0.36	65.46	1.0	1.0
Verrazzano	VE0005_C	142.3	5.4	0.00	110.82	1.22	3.55	1.02	111.46	0.64	2.8	1.31	1.5	1.5	3.4	0.55	0.15	0.15	0.46	70.58	1.0	1.0
Verrazzano	VE0005_D	143.3	5.5	-0.05	110.63	1.35	2.72	1.02	111.01	0.38	2.5	0.77	2.6	2.6	3.9	0.51	0.20	0.20	0.51	73.52	1.0	1.0
Verrazzano	VE0006__	146.2	5.6	-0.20	110.47	1.34	2.71	1.01	110.79	0.38	2.5	0.78	2.8	2.8	4.3	0.49	0.22	0.22	0.50	73.01	1.0	1.0
Verrazzano	VE0007__	159.9	5.8	-0.43	110.47	2.21	2.79	1.01	110.47	0.40	5.1	1.37	4.2	4.2	6.0	0.89	0.58	0.58	0.96	83.45	1.0	1.0
Verrazzano	VE0008__	178.8	-6.1	6.31	110.44	2.50	2.74	1.00	110.48	0.38	8.2	1.94	3.6	3.6	5.6	1.10	0.69	0.69	1.24	88.03	1.0	1.0
Verrazzano	VE0009__	201.9	-11.3	5.16	110.45	3.07	2.70	1.01	110.50	0.37	15.4	1.95	6.1	6.1	7.5	1.20	1.20	1.20	1.61	93.95	1.0	1.0
Castiglionchio	CA0049_A	0.0	51.1	0.00	100.87	5.51	1.29	0.44	100.89	0.08	137.4	3.03	23.1	23.1	26.9	1.91	6.99	6.99	2.60	126.07	1.0	1.0
Castiglionchio	CA0048_B	6.6	51.1	0.00	100.78	5.36	2.97	0.64	100.87	0.45	73.5	12.80	21.1	21.3	35.4	1.85	3.83	3.84	1.13	95.56	1.0	1.0
Castiglionchio	CA0047_C	16.4	51.1	0.00	97.75	2.52	6.26	1.00	99.75	2.00	42.9	4.01	4.0	4.0	8.9	1.26	0.82	0.82	0.94	89.76	1.0	1.0
Castiglionchio	CA0046_D	21.3	51.1	0.00	97.33	2.40	3.80	1.00	98.06	0.73	32.2	1.47	9.2	9.2	10.7	0.92	1.35	1.35	1.26	98.94	1.0	1.0
Castiglionchio	CA0045__	67.9	51.4	-1.76	97.25	3.23	3.31	1.00	97.40	0.56	40.1	1.54	20.1	20.1	22.3	1.12	2.79	2.79	1.31	100.30	1.0	1.0
Castiglionchio	CA0044__	91.6	51.2	-1.82	97.31	3.60	2.95	1.00	97.35	0.44	62.3	1.50	35.2	35.2	37.6	1.09	5.30	5.30	1.41	102.74	1.0	1.0
Castiglionchio	CA0043_A	110.1	50.9	1.72	97.31	4.07	2.49	1.00	97.34	0.32	79.5	1.72	35.9	39.3	37.9	1.23	6.19	6.26	1.64	108.04	1.0	1.0
Castiglionchio	CA0042_B	120.2	50.9	0.00	96.92	4.28	5.32	1.14	97.11	1.44	40.3	3.51	22.3	22.3	33.6	1.69	2.23	2.23	1.01	92.08	1.0	1.0
Castiglionchio	CA0041_C	258.8	51.0	0.00	92.94	3.46	4.93	1.48	93.49	1.24	38.3	2.47	15.7	15.7	28.7	1.55	1.61	1.61	1.05	93.23	1.0	1.0
Castiglionchio	CA0040_D	264.0	50.9	0.00	92.14	3.02	4.50	1.00	93.18	1.03	37.4	2.07	5.5	5.5	8.9	1.24	1.13	1.13	1.27	99.38	1.0	1.0
Castiglionchio	CA0039__	269.6	50.7	0.30	91.87	2.81	3.48	1.00	92.35	0.62	30.4	1.39	17.3	17.3	19.1	0.90	1.65	1.65	1.08	94.08	1.0	1.0
Castiglionchio	CA0038__	275.8	50.3	0.56	91.85	3.04	2.75	1.00	92.20	0.38	31.3	1.49	19.5	25.1	27.3	1.00	1.92	1.93	1.17	96.67	1.0	1.0
Castiglionchio	CA0037__	288.4	46.6	3.70	91.90	3.36	1.79	0.53	92.06	0.16	35.4	1.63	22.4	33.7	24.3	1.06	2.62	3.13	1.32	100.70	1.0	1.0
Castiglionchio	CA0036__	299.7	36.3	10.64	91.94	3.58	1.31	0.37	92.02	0.09	35.3	1.84	21.1	40.5	23.6	1.15	2.80	3.70	1.36	101.60	1.0	1.0
Castiglionchio	CA0035_A	306.5	32.4	4.11	91.93	3.65	1.44	0.38	92.01	0.11	31.8	2.07	20.9	28.9	24.3	1.23	2.59	2.91	1.33	100.87	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
Castiglionchio	CA0035_B	307.9	32.4	0.00	91.87	3.58	1.64	0.54	91.99	0.14	29.5	9999.99	20.9	28.9	35.6	1.33	2.04	2.31	1.21	97.76	1.0	1.0
Castiglionchio	CA0035_C	312.0	32.4	0.00	91.83	3.54	1.79	0.56	91.96	0.16	28.9	9999.99	20.9	28.9	35.6	1.37	1.96	2.19	1.21	97.66	1.0	1.0
Castiglionchio	CA0034_D	313.0	31.3	1.25	91.85	3.57	1.79	0.36	91.93	0.16	31.6	2.75	19.0	27.8	24.1	1.43	2.48	2.70	1.37	101.84	1.0	1.0
Castiglionchio	CA0033_A	316.7	25.7	6.54	91.88	3.72	1.30	0.31	91.91	0.09	35.7	1.85	22.0	22.0	25.0	1.13	3.19	3.19	1.28	99.42	1.0	1.0
Castiglionchio	CA0032_B	321.3	25.3	0.00	91.83	3.65	1.93	0.40	91.90	0.19	28.5	5.31	13.4	15.0	25.4	1.40	2.19	2.31	0.97	90.75	1.0	1.0
Castiglionchio	CA0031_C	378.7	24.5	0.00	90.09	1.90	4.17	1.01	90.98	0.89	15.5	1.77	3.6	3.6	6.4	0.86	0.59	0.59	0.91	89.06	1.0	1.0
Castiglionchio	CA0030_D	385.1	24.5	0.00	88.32	1.48	2.92	1.01	88.76	0.44	11.8	0.87	9.7	9.7	10.2	0.54	0.84	0.84	0.83	85.72	1.0	1.0
Castiglionchio	CA0029__	397.7	33.0	-5.73	87.30	2.64	2.63	1.00	87.39	0.35	30.0	1.87	12.7	12.7	14.9	1.06	2.38	2.38	1.60	107.13	1.0	1.0
Castiglionchio	CA0028__	426.3	41.0	-8.03	87.24	3.24	1.77	1.00	87.36	0.16	43.7	2.41	11.3	11.3	13.8	1.38	2.71	2.71	1.97	115.04	1.0	1.0
Castiglionchio	CA0027__	443.1	39.0	2.17	87.10	3.65	2.21	0.68	87.32	0.25	35.7	2.39	7.8	11.7	11.7	1.47	1.87	2.23	1.60	107.20	1.0	1.0
Castiglionchio	CA0026__	449.2	39.0	-0.51	86.98	3.42	2.80	0.60	87.28	0.40	32.9	2.59	8.9	14.3	15.0	1.46	1.59	2.01	1.11	95.04	1.0	1.0
Castiglionchio	CA0025__	461.3	40.3	-1.63	86.52	2.95	3.76	1.00	87.14	0.72	30.8	2.73	4.2	14.1	9.3	1.45	1.13	1.72	1.23	95.21	1.0	1.0
Castiglionchio	CA0024__	483.5	42.6	-3.13	86.29	3.19	3.53	1.00	86.90	0.63	34.2	3.03	4.1	18.4	9.9	1.56	1.23	1.74	1.23	96.95	1.0	1.0
Castiglionchio	CA0023_A	492.9	37.2	5.88	86.54	3.63	2.13	0.57	86.77	0.23	39.3	3.58	4.9	15.5	11.1	1.79	1.75	2.75	1.58	102.19	1.0	1.0
Castiglionchio	CA0023_B	493.9	37.2	0.00	86.37	3.49	2.63	0.54	86.73	0.35	37.7	9999.99	4.9	20.4	19.4	1.96	1.41	2.24	1.24	98.62	1.0	1.0
Castiglionchio	CA0022_C	505.6	37.3	0.00	86.21	3.46	2.68	0.81	86.57	0.37	36.6	9999.99	4.9	9.9	19.9	1.89	1.39	1.95	1.23	98.29	1.0	1.0
Castiglionchio	CA0021_D	512.7	37.3	0.00	86.12	3.50	2.64	0.51	86.47	0.36	37.8	9999.99	5.2	21.6	20.4	1.97	1.41	1.73	1.30	100.23	1.0	1.0
Castiglionchio	CA0021_E	513.7	37.3	0.07	86.17	3.54	2.14	0.42	86.41	0.23	37.9	3.20	5.4	21.6	11.4	1.71	1.74	2.12	1.52	104.99	1.0	1.0
Castiglionchio	CA0020__	521.4	39.4	-2.33	85.71	3.03	3.51	1.00	86.32	0.63	30.6	2.81	4.0	4.0	9.5	1.47	1.13	1.13	1.19	97.12	1.0	1.0
Castiglionchio	CA0019__	536.9	40.0	-0.60	85.72	3.48	2.92	0.59	86.14	0.44	34.0	2.84	5.2	5.6	12.0	1.62	1.38	1.38	1.18	97.02	1.0	1.0
Castiglionchio	CA0018__	552.1	40.0	0.00	85.62	3.57	2.90	0.69	86.02	0.43	33.7	2.56	5.5	5.5	11.6	1.59	1.40	1.40	1.20	97.50	1.0	1.0
Castiglionchio	CA0017__	564.3	40.0	0.00	85.68	3.65	2.29	0.44	85.93	0.27	38.5	2.79	6.3	6.3	13.2	1.68	1.76	1.76	1.33	100.96	1.0	1.0
Castiglionchio	CA0016__	579.1	39.3	0.97	85.53	3.84	2.59	0.51	85.85	0.34	34.9	2.71	5.7	5.7	12.4	1.63	1.53	1.53	1.23	98.39	1.0	1.0
Castiglionchio	CA0015__	598.7	36.8	2.78	85.53	4.25	2.12	0.39	85.75	0.23	39.4	3.04	5.7	5.7	12.8	1.81	1.74	1.74	1.36	101.71	1.0	1.0
Castiglionchio	CA0014__	601.7	36.8	0.07	85.35	3.42	2.76	1.00	85.72	0.39	30.2	2.59	5.2	5.2	11.2	1.50	1.34	1.34	1.20	97.41	1.0	1.0
Castiglionchio	CA0013__	607.8	35.6	1.59	85.51	4.47	1.71	0.29	85.65	0.15	48.0	3.47	6.0	6.5	13.9	2.02	2.08	2.21	1.50	103.29	1.0	1.0
Castiglionchio	CA0012__	621.9	35.6	0.00	85.14	3.47	2.89	0.62	85.56	0.43	29.4	2.63	5.2	5.2	11.4	1.54	1.23	1.23	1.09	94.37	1.0	1.0
Castiglionchio	CA0011__	630.0	35.6	0.00	84.25	2.62	4.71	1.01	85.38	1.13	26.0	2.23	3.4	3.4	8.1	1.18	0.76	0.76	0.94	89.74	1.0	1.0
Castiglionchio	CA0010_A	638.6	35.6	0.00	83.72	3.41	3.44	0.66	84.28	0.60	28.5	2.75	4.0	4.9	11.0	1.54	1.07	1.07	1.04	92.87	1.0	1.0
Castiglionchio	CA0010_B	639.1	35.6	0.00	83.42	3.12	3.93	1.00	84.21	0.79	27.7	9999.99	3.4	3.4	12.3	1.49	0.91	0.91	1.01	91.94	1.0	1.0
Castiglionchio	CA0010_C	639.6	35.6	0.00	82.89	2.58	4.73	1.01	84.02	1.14	26.2	2.26	3.3	3.3	8.0	1.19	0.75	0.75	0.94	89.99	1.0	1.0
Castiglionchio	CA0010_D	640.1	35.6	0.00	82.84	2.56	4.70	1.01	83.96	1.13	25.9	2.22	3.4	3.4	7.9	1.17	0.76	0.76	0.96	90.47	1.0	1.0
Castiglionchio	CA0009__	642.0	35.6	0.00	82.74	2.46	4.64	1.01	83.84	1.10	25.6	2.17	3.5	3.5	7.9	1.14	0.77	0.77	0.97	90.84	1.0	1.0
Castiglionchio	CA0008__	649.0	40.2	-5.13	81.95	2.72	4.75	1.01	82.85	1.15	29.5	2.52	3.7	3.7	8.7	1.31	0.94	0.94	1.09	94.29	1.0	1.0
Castiglionchio	CA0007__	672.9	40.2	0.00	82.15	2.71	3.87	1.01	82.42	0.76	30.5	2.55	6.4	6.4	11.1	1.32	1.62	1.62	1.47	104.20	1.0	1.0
Castiglionchio	CA0006__	686.4	44.8	-6.48	82.05	4.12	3.51	1.00	82.37	0.63	43.7	3.46	5.0	14.2	11.2	1.86	1.74	2.33	1.55	103.96	1.0	1.0
Castiglionchio	CA0005__	716.6	45.9	-1.46	82.20	5.16	1.20	0.21	82.27	0.07	104.2	4.74	8.6	10.6	17.3	2.42	4.09	4.22	2.36	122.20	1.0	1.0
Castiglionchio	CA0004_A	724.2	46.3	-0.38	82.20	5.16	1.21	0.21	82.26	0.08	104.1	4.73	8.6	10.6	17.3	2.42	4.09	4.22	2.36	122.17	1.0	1.0
Castiglionchio	CA0004_B	725.2	46.3	0.00	82.00	4.96	2.13	0.21	82.21	0.23	82.1	9999.99	8.3	8.3	20.7	3.34	2.17	2.27	1.36	101.60	1.0	1.0
Castiglionchio	CA0003_C	734.0	46.3	0.00	81.96	4.92	2.13	0.21	82.17	0.23	81.3	9999.99	8.3	8.3	20.6	3.30	2.17	2.26	1.36	101.59	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
Castiglionchio	CA0003_D	734.5	46.4	-0.11	82.02	4.59	1.87	1.00	82.11	0.18	81.0	4.06	8.5	9.1	13.6	2.16	3.47	3.47	2.56	109.21	1.0	1.0
Castiglionchio	CA0002__	744.6	54.2	-9.64	80.49	3.60	5.29	1.01	81.85	1.43	45.6	2.95	3.6	5.9	11.3	1.63	1.07	1.07	1.06	93.50	1.0	1.0
Castiglionchio	CA0002__-01-CA0001__	790.3	55.7	-3.49	80.49	4.60	4.67	1.01	80.49	1.11	42.7	3.21	6.8	7.6	11.9	1.95	2.19	2.19	1.83	103.01	1.0	1.0
Castiglionchio	CA0002__-02-CA0001__	836.0	55.4	0.17	80.49	5.60	4.39	1.01	80.49	0.98	84.3	4.09	8.8	9.3	13.0	2.35	3.59	3.59	2.77	114.59	1.0	1.0
Castiglionchio	CA0002__-03-CA0001__	881.6	55.3	0.10	80.49	6.61	4.13	1.00	80.49	0.87	146.0	4.91	10.7	10.9	14.2	2.78	5.25	5.25	3.71	124.00	1.0	1.0
Castiglionchio	CA0001__	927.3	55.2	0.00	80.49	7.61	3.47	0.88	80.49	0.61	231.3	5.70	12.6	12.6	15.4	3.22	7.19	7.19	4.66	132.07	1.0	1.0

Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s
	[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]
SF040__	125.39	SF146__	0.00	SF664__	120.29	SF379__	32.79	SF1051__	1.81	SF1118__	-5.06	SF3060__	0.35	SF3127__	-1.43	SF3194__	3.15
SF043__	0.00	SF147__	0.00	SF665__	102.28	SF380__	-8.25	SF1052__	6.82	SF1119__	-20.44	SF3061__	0.90	SF3128__	-1.40	SF3195__	3.15
SF044__	-97.6	SF148__	0.00	SF666__	0.00	SF381__	9.24	SF1053__	2.06	SF632__	1.08	SF3062__	3.27	SF3129__	-1.74	SF3196__	-0.02
SF045__	138.73	SF149__	-1.99	SF667__	0.00	SF382__	-1.41	SF1054__	15.57	SF634__	0.00	SF3063__	3.27	SF3130__	-1.59	SF3197__	-0.41
SF046__	-113.8	SF150__	0.00	SF668__	0.00	SF383__	-26.88	SF1055__	-2.41	SF635__	0.00	SF3064__	0.00	SF3131__	-1.62	SF3198__	-0.02
SF047__	100.69	SF151__	0.00	SF669__	552.71	SF384__	-1.20	SF1056__	14.73	SF637__	0.00	SF3065__	0.00	SF3132__	0.04	SF3199__	-0.02
SF048__	254.01	SF152__	0.00	SF670__	0.00	SF385__	18.26	SF1057__	-4.12	SF641__	0.00	SF3066__	-5.73	SF3133__	0.04	SF3200__	4.36
SF049__	0.00	SF153__	0.00	SF671__	53.18	SF386__	5.88	SF1058__	11.75	SF3001__	0.00	SF3067__	0.00	SF3134__	0.36	SF3201__	1.85
SF050__	0.00	SF154__	0.00	SF672__	30.39	SF387__	14.43	SF1059__	9.68	SF3002__	14.58	SF3068__	-8.03	SF3135__	0.41	SF3202__	0.00
SF051__	0.00	SF155__	0.00	SF673__	45.59	SF388__	-1.29	SF1060__	15.02	SF3003__	0.00	SF3069__	0.00	SF3136__	1.98	SF3203__	0.00
SF052__	-86.03	SF156__	0.00	SF674__	45.59	SF389__	0.00	SF1061__	7.67	SF3004__	0.07	SF3070__	2.17	SF3137__	1.55	SF3204__	0.00
SF053__	0.00	SF157__	0.00	SF675__	60.78	SF390__	2.20	SF1062__	-19.04	SF3005__	0.00	SF3071__	0.00	SF3138__	0.40	SF3205__	0.00
SF054__	-40.31	SF365__	0.00	SF676__	60.78	SF391__	0.00	SF1063__	3.02	SF3006__	0.00	SF3072__	-0.51	SF3139__	0.00	SF3206__	0.00
SF055__	0.00	SF366__	-20.72	SF677__	68.38	SF392__	0.00	SF1064__	-15.77	SF3007__	0.00	SF3073__	0.00	SF3104__	3.54	SF3207__	0.00
SF056__	0.00	SF367__	0.00	SF678__	0.00	SF393__	23.77	SF1065__	4.90	SF3008__	0.00	SF3074__	-1.63	SF3141__	1.20	SF3208__	0.00
SF057__	275.61	SF368__	0.00	SF679__	0.00	SF394__	-21.15	SF1066__	-17.25	SF3009__	0.00	SF3075__	0.00	SF3142__	-0.03	SF3209__	0.00
SF058__	258.76	SF369__	-44.15	SF680__	0.00	SF399__	-4.79	SF1067__	4.04	SF3009__	0.00	SF3076__	-0.61	SF3143__	0.00	SF3210__	-0.10
SF059__	0.00	SF370__	44.27	SF681__	0.00	SF400__	56.07	SF1068__	-20.02	SF3010__	0.00	SF3077__	-2.93	SF3144__	-0.51	SF3211__	-0.10
SF060__	0.00	SF371__	0.00	SF682__	0.00	SF1002__	17.96	SF1069__	3.57	SF3011__	0.00	SF3078__	2.49	SF3145__	-0.52	SF3212__	0.00
SF061__	0.00	SF372__	0.00	SF683__	0.00	SF1003__	63.51	SF1070__	-22.47	SF3012__	0.00	SF3079__	3.40	SF3146__	-0.03	SF3213__	0.00
SF071__	-297.1	SF373__	10.62	SF684__	0.00	SF1004__	55.38	SF1071__	2.20	SF3013__	-7.04	SF3080__	-1.17	SF3147__	-0.03	SF3214__	0.00
SF072__	240.76	SF395__	57.33	SF685__	0.00	SF1005__	61.10	SF1072__	-24.49	SF3014__	0.00	SF3081__	-1.17	SF3148__	0.00	SF3215__	0.00
SF099__	-43.06	SF396__	-6.40	SF690__	0.00	SF1006__	-17.60	SF1073__	1.61	SF3015__	-9.66	SF3082__	0.00	SF3149__	0.00	SF3216__	0.00
SF100__	0.00	SF397__	-105.4	SF691__	0.00	SF1007__	57.10	SF1074__	9.98	SF3016__	0.00	SF3083__	-0.60	SF3150__	0.00	SF3217__	0.00
SF101__	-21.39	SF398__	-159.4	SF692__	0.00	SF1008__	-16.27	SF1075__	1.88	SF3017__	-8.55	SF3084__	0.00	SF3151__	0.00	SF3218__	-0.21
SF102__	-237.1	SF401__	42.59	SF693__	0.00	SF1009__	52.53	SF1076__	6.21	SF3018__	0.00	SF3085__	0.00	SF3152__	0.00	SF3219__	-3.27
SF104__	-76.01	SF402__	-87.96	SF694__	0.00	SF1010__	-17.83	SF1077__	2.85	SF3019__	0.00	SF3086__	0.00	SF3153__	0.00	SF3220__	0.09
SF105__	0.00	SF403__	-31.08	SF695__	0.00	SF1011__	49.83	SF1078__	7.08	SF3020__	0.00	SF3087__	0.00	SF3154__	0.00	SF3221__	0.09
SF106__	0.00	SF404__	57.12	SF696__	0.00	SF1012__	-16.94	SF1079__	-2.44	SF3021__	0.00	SF3088__	0.00	SF3155__	0.00	SF3222__	0.00
SF107__	-361.2	SF405__	166.08	SF697__	16.49	SF1013__	45.11	SF1080__	7.58	SF3022__	0.00	SF3089__	0.97	SF3156__	0.00	SF3223__	0.10
SF108__	78.29	SF406__	87.45	SF698__	0.00	SF1014__	-17.21	SF1081__	-0.98	SF3023__	0.00	SF3090__	0.00	SF3157__	0.00	SF3224__	0.00
SF109__	0.00	SF407__	190.27	SF699__	1.12	SF1015__	40.39	SF1082__	7.98	SF3024__	0.00	SF3091__	2.78	SF3158__	0.00	SF3225__	0.00
SF110__	0.00	SF408__	0.00	SF700__	0.00	SF1016__	-16.26	SF1083__	5.52	SF3025__	0.00	SF3092__	0.00	SF3159__	0.00	SF3226__	2.04
SF111__	0.00	SF412__	0.00	SF701__	0.00	SF1017__	38.36	SF1084__	6.16	SF3026__	0.00	SF3093__	0.07	SF3160__	-1.56	SF3227__	-1.37
SF112__	-8.10	SF413__	0.00	SF702__	0.00	SF1018__	-16.97	SF1085__	4.33	SF3027__	0.00	SF3094__	0.67	SF3161__	-1.71	SF3228__	-0.29
SF113__	0.00	SF414__	-116.7	SF703__	0.00	SF1019__	32.03	SF1086__	24.20	SF3028__	0.00	SF3095__	0.94	SF3162__	0.00	SF3229__	-0.29
SF114__	0.00	SF415__	-135.4	SF704__	-23.64	SF1020__	-22.87	SF1087__	-1.83	SF3029__	0.00	SF3096__	0.00	SF3163__	0.00	SF3230__	-0.92

Sfiatore	s	Sfiatore	s	Sfiatore	s	Sfiatore	s	Sfiatore	s	Sfiatore	s	Sfiatore	s	Sfiatore	s	Sfiatore	s
	[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]
SF115__	0.00	SF618__	0.00	SF705__	-5.36	SF1021__	28.21	SF1088__	26.43	SF3030__	0.00	SF3097__	0.00	SF3164__	-0.69	SF3231__	-1.32
SF116__	0.00	SF619__	0.31	SF706__	0.00	SF1022__	10.01	SF1089__	1.88	SF3031__	0.00	SF3098__	0.00	SF3165__	-0.81	SF3232__	19.52
SF117__	-191.9	SF620__	0.00	SF707__	0.00	SF1023__	0.00	SF1090__	26.69	SF3032__	0.00	SF3099__	0.00	SF3166__	0.00	SF3233__	0.00
SF118__	0.00	SF621__	0.00	SF708__	0.00	SF1024__	2.41	SF1091__	-2.67	SF3033__	0.00	SF3100__	0.00	SF3167__	0.00	SF3234__	0.05
SF119__	0.00	SF622__	0.00	SF709__	0.00	SF1025__	0.00	SF1092__	30.47	SF3034__	0.00	SF3101__	0.00	SF3168__	0.00	SF3235__	-3.28
SF120__	376.75	SF623__	0.32	SF717__	0.19	SF1026__	-1.37	SF1093__	-4.07	SF3035__	0.00	SF3102__	0.00	SF3169__	0.00	SF3236__	0.00
SF121__	-293.9	SF624__	0.00	SF766__	21.39	SF1027__	0.00	SF1094__	32.92	SF3036__	0.00	SF3103__	0.00	SF3170__	-3.18	SF3237__	0.00
SF122__	0.00	SF625__	6.65	SF767__	5.08	SF1028__	-3.88	SF1095__	-6.23	SF3037__	0.00	SF3104__	-5.13	SF3171__	-3.23	SF3238__	0.00
SF123__	0.00	SF642__	35.56	SF769__	29.13	SF1029__	0.00	SF1096__	-16.81	SF3038__	0.00	SF3105__	0.00	SF3172__	0.10	SF3239__	0.00
SF124__	0.00	SF643__	0.00	SF770__	0.00	SF1030__	-0.02	SF1097__	-7.93	SF3039__	0.00	SF3106__	0.00	SF3173__	0.10	SF3240__	0.00
SF125__	-7.04	SF644__	95.19	SF771__	0.00	SF1031__	0.00	SF1098__	-24.10	SF3040__	0.00	SF3107__	0.00	SF3174__	0.01	SF3241__	0.00
SF126__	0.00	SF645__	0.00	SF772__	-0.15	SF1032__	0.00	SF1099__	-11.10	SF3041__	0.00	SF3108__	-2.53	SF3175__	0.01	SF3242__	0.00
SF127__	0.00	SF646__	0.00	SF773__	-0.15	SF1033__	0.00	SF1100__	-34.45	SF3042__	-1.76	SF3109__	-3.96	SF3176__	0.02	SF3243__	0.00
SF128__	0.00	SF647__	0.00	SF776__	0.00	SF1034__	0.00	SF1101__	-0.28	SF3043__	0.00	SF3110__	0.00	SF3177__	0.02	SF3244__	0.00
SF129__	0.00	SF648__	0.00	SF777__	0.00	SF1035__	1.10	SF1102__	-37.17	SF3044__	-1.82	SF3111__	-1.46	SF3178__	0.01	SF3245__	0.00
SF130__	0.18	SF649__	0.00	SF778__	0.00	SF1036__	0.00	SF1103__	-0.64	SF3045__	0.00	SF3112__	0.00	SF3179__	0.01	SF3246__	0.00
SF131__	0.00	SF650__	0.00	SF779__	0.00	SF1037__	7.09	SF1104__	-34.78	SF3046__	1.72	SF3113__	-0.38	SF3180__	7.71	SF3247__	0.00
SF132__	0.00	SF651__	0.00	SF780__	0.00	SF1038__	0.00	SF1105__	-1.43	SF3047__	0.00	SF3114__	-0.06	SF3181__	0.00	SF3248__	0.00
SF133__	0.00	SF652__	0.00	SF782__	0.00	SF1039__	11.25	SF1106__	-51.76	SF3048__	0.00	SF3115__	-0.06	SF3182__	8.52	SF3249__	0.00
SF134__	110.48	SF653__	0.00	SF783__	0.00	SF1040__	0.00	SF1107__	0.29	SF3049__	0.00	SF3116__	-4.82	SF3183__	0.00	SF3250__	0.00
SF135__	0.00	SF654__	0.00	SF784__	0.00	SF1041__	7.89	SF1108__	-56.38	SF3050__	0.30	SF3117__	-4.82	SF3184__	0.89	SF3251__	0.00
SF136__	190.09	SF655__	0.00	SF785__	-2.76	SF1042__	0.00	SF1109__	8.74	SF3051__	0.01	SF3118__	0.10	SF3185__	0.00	SF3252__	0.00
SF137__	0.00	SF656__	0.00	SF786__	-6.94	SF1043__	6.78	SF1110__	-60.25	SF3052__	0.32	SF3119__	-0.07	SF3186__	0.04	SF3253__	0.00
SF138__	0.00	SF657__	0.00	SF787__	-10.64	SF1044__	0.00	SF1111__	7.36	SF3053__	0.31	SF3120__	0.00	SF3187__	0.00	SF3254__	0.00
SF139__	165.15	SF658__	0.00	SF788__	-21.88	SF1045__	2.20	SF1112__	-63.22	SF3054__	1.69	SF3121__	0.00	SF3188__	0.06	SF3255__	0.00
SF140__	0.00	SF659__	0.00	SF374__	-24.85	SF1046__	-0.70	SF1113__	6.46	SF3055__	2.02	SF3122__	0.00	SF3189__	-5.17	-	-
SF142__	0.00	SF660__	65.18	SF375__	-64.91	SF1047__	0.68	SF1114__	-65.09	SF3056__	5.32	SF3123__	0.00	SF3190__	45.93	-	-
SF143__	0.00	SF661__	84.36	SF376__	7.20	SF1048__	-1.52	SF1115__	6.20	SF3057__	5.32	SF3124__	-0.59	SF3191__	7.90	-	-
SF144__	0.00	SF662__	65.18	SF377__	-46.22	SF1049__	1.55	SF1116__	1.39	SF3058__	2.40	SF3125__	-0.60	SF3192__	2.58	-	-
SF145__	0.00	SF663__	97.77	SF378__	-0.01	SF1050__	-2.10	SF1117__	-1.31	SF3059__	1.71	SF3126__	-1.07	SF3193__	2.58	-	-

Cassa	H [m]	V [m <sup>3</sup> ]	s [m <sup>3</sup> /s]
V2-001	112.72	120927.3	9.80
V2-002-01	112.80	300192.8	-23.18
V2-002-02	112.80	4685.9	0.46
V2-003	111.90	533615.9	42.49
V2-005	114.11	0.0	0.00
V2-007-01	116.01	0.0	0.00
V2-007-02	114.92	0.0	0.00
V2-008	80.64	0.0	0.00
V2-011	100.75	0.0	0.00
V2-012-01	78.24	193380.4	41.44
V2-015	99.43	0.0	0.00
V2-017	89.56	0.0	0.00
V2-019	84.21	155866.4	55.13
V2-021-01	80.43	15769.9	-141.1
V2-021-02	80.17	0.0	0.00
V2-022-01	107.63	29619.5	11.81
V2-022-02	109.60	14832.1	10.62
V2-023	111.35	1266407.0	76.71
V2-025-01	110.83	1411011.0	213.03
V2-025-02	111.13	1014937.0	123.84
V3-003-01	74.32	53696.8	16.49
V3-003-02	74.42	103701.3	28.56
V3-003-03	77.43	96676.9	38.96
V3-003-04	74.43	3507.3	1.12
V3-003-05	78.04	0.0	0.00
V3-004	71.75	25857.8	16.51
V3-005-01	69.53	55650.6	20.49
V3-005-02	70.33	18792.3	6.59
V3-005-03	71.15	15799.0	26.11
V3-006-02	69.15	64093.0	-11.38
V2_01	3.39	554576.8	41.60
V2-012-02	1.95	16758.3	-12.01

## STATO ATTUALE

Tabulati verifiche idrauliche  $T_r = 100$  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
Arno_01	ARB0750__	-141006.8	2152.2	0.00	115.07	10.92	2.34	0.27	115.33	0.28	4781.8	7.57	128.9	135.0	140.0	4.55	94.22	94.22	7.21	113.41	1.0	1.0
Arno_01	ARB07492__	-140896.3	2152.3	0.00	115.03	10.08	2.14	0.33	115.25	0.23	4714.9	7.59	135.2	135.2	141.1	4.15	102.64	102.64	7.27	113.77	1.0	1.0
Arno_01	ARB07491__	-140868.1	2152.3	0.00	115.03	9.87	2.08	0.28	115.24	0.22	4895.1	7.74	136.0	136.0	141.7	4.23	105.23	105.23	7.43	114.55	1.0	1.0
Arno_01	ARB0749__	-140784.8	2152.1	0.00	114.73	10.82	2.98	0.35	115.15	0.45	4012.5	7.57	97.5	97.5	103.1	4.58	73.81	73.81	7.16	113.16	1.0	1.0
Arno_01	ARB0748__	-140724.3	2152.0	0.00	114.66	10.01	2.99	0.36	115.09	0.46	3764.9	7.76	94.6	100.3	101.2	4.26	73.42	73.90	7.26	113.67	1.0	1.0
Arno_01	ARB0747__	-140598.6	2152.1	0.00	114.30	11.41	3.57	0.41	114.92	0.65	3700.0	8.19	75.2	75.2	82.0	4.78	61.55	61.55	7.51	114.98	1.0	1.0
Arno_01	ARB0746__	-140349.7	2018.4	192.26	114.23	10.65	2.73	0.31	114.60	0.38	3932.0	8.29	90.5	90.5	95.0	4.51	75.01	75.01	7.90	116.92	1.0	1.0
Arno_01	ARB0745__	-139985.1	1669.8	364.72	114.20	10.61	1.76	0.24	114.35	0.16	4852.7	7.21	137.6	137.6	141.2	4.60	99.19	99.19	7.02	106.59	1.0	1.0
Arno_01	ARB0744__	-139695.5	1696.4	58.92	113.94	11.00	2.23	0.28	114.20	0.25	4148.8	8.45	90.5	96.1	100.4	4.93	76.44	76.44	7.61	110.94	1.0	1.0
Arno_01	ARB0743__	-139520.9	1803.8	-113.32	113.84	11.37	2.26	0.24	114.10	0.26	4545.9	8.90	90.0	90.0	94.8	5.16	80.11	80.11	8.45	114.72	1.0	1.0
Arno_01	ARB0742A__	-139289.9	2086.8	-303.41	113.60	11.67	2.66	0.30	113.95	0.36	4605.3	8.91	89.4	89.4	93.8	5.09	79.65	79.65	8.49	111.45	1.0	1.0
Arno_01	ARB0742B__	-139283.8	2086.8	0.00	113.48	11.55	2.92	0.31	113.91	0.44	4297.1	9999.99	87.0	87.0	222.7	5.16	71.41	71.41	5.26	102.11	1.0	1.0
Arno_01	ARB0742C__	-139272.0	2086.8	0.00	113.45	11.51	2.92	0.31	113.88	0.44	4271.6	9999.99	87.0	87.0	222.7	5.12	71.41	71.41	5.26	102.11	1.0	1.0
Arno_01	ARB0742D__	-139267.0	2057.5	58.05	113.48	11.55	2.65	0.29	113.83	0.36	4496.8	8.79	89.4	89.4	93.8	5.03	78.58	78.58	8.37	111.17	1.0	1.0
Arno_01	ARB0742__	-139236.4	2057.2	0.00	113.46	11.78	2.66	0.29	113.81	0.36	4637.0	8.93	87.7	87.7	92.8	5.23	78.29	78.29	8.44	113.09	1.0	1.0
Arno_02	ARB0742__	-139236.4	1927.7	103.31	113.46	11.78	2.51	0.27	113.76	0.32	4563.7	8.93	87.7	87.7	92.8	5.23	78.29	78.29	8.44	113.09	1.0	1.0
Arno_02	ARB0742__-01-ARB0741__	-139190.0	1854.7	90.09	113.44	11.56	2.45	0.26	113.73	0.31	4399.1	9.19	83.7	88.3	93.1	5.14	76.99	76.99	8.27	112.07	1.0	1.0
Arno_02	ARB0742__-02-ARB0741__	-139143.6	1785.4	149.04	113.42	11.36	2.39	0.26	113.70	0.29	4243.7	8.77	86.3	89.0	93.5	5.05	75.71	75.71	8.09	111.02	1.0	1.0
Arno_02	ARB0742__-03-ARB0741__	-139097.1	1721.5	69.79	113.40	11.14	2.34	0.27	113.67	0.28	4076.5	8.29	89.6	89.6	94.0	4.95	74.34	74.34	7.91	110.29	1.0	1.0
Arno_02	ARB0742__-04-ARB0741__	-139050.7	1661.9	63.16	113.38	10.93	2.30	0.26	113.64	0.27	3913.1	8.08	90.3	90.3	94.5	4.85	72.92	72.92	7.72	109.55	1.0	1.0
Arno_02	ARB0742__-05-ARB0741__	-139004.3	1608.6	57.74	113.36	10.71	2.27	0.26	113.61	0.26	3755.5	7.86	90.9	90.9	95.0	4.75	71.49	71.49	7.52	108.78	1.0	1.0
Arno_02	ARB0742__-06-ARB0741__	-138957.9	1561.9	52.73	113.33	10.49	2.25	0.27	113.58	0.26	3597.6	7.64	91.6	91.6	95.6	4.65	69.97	69.97	7.32	107.97	1.0	1.0
Arno_02	ARB0742__-07-ARB0741__	-138911.5	1521.4	47.03	113.31	10.27	2.24	0.27	113.55	0.26	3445.2	7.42	92.2	92.2	96.2	4.55	68.42	68.42	7.12	107.15	1.0	1.0
Arno_02	ARB0742__-08-ARB0741__	-138865.0	1487.7	42.15	113.28	10.05	2.24	0.28	113.52	0.26	3298.0	7.19	92.9	92.9	96.8	4.44	66.83	66.83	6.90	106.30	1.0	1.0
Arno_02	ARB0742__-09-ARB0741__	-138818.6	1464.1	34.47	113.24	9.82	2.27	0.30	113.49	0.26	3150.9	6.96	93.5	93.5	97.4	4.34	65.10	65.10	6.68	105.41	1.0	1.0
Arno_02	ARB0742__-10-ARB0741__	-138772.2	1453.1	30.06	113.19	9.58	2.32	0.32	113.46	0.27	3006.6	6.72	94.2	94.2	98.1	4.23	63.25	63.25	6.45	104.46	1.0	1.0
Arno_02	ARB0741__	-138725.7	1463.2	-42.18	113.13	9.32	2.40	0.32	113.41	0.29	2867.4	6.45	94.8	94.8	99.0	4.11	61.17	61.17	6.18	103.38	1.0	1.0
Arno_02	ARB0741__-01-ARB0740__	-138681.5	1454.1	11.83	113.09	9.19	2.41	0.33	113.38	0.30	2808.6	6.43	94.3	94.3	98.1	4.05	60.64	60.64	6.18	103.73	1.0	1.0
Arno_02	ARB0741__-02-ARB0740__	-138637.4	1449.5	6.74	113.04	9.07	2.43	0.34	113.34	0.30	2751.8	6.40	93.8	93.8	97.5	4.00	60.04	60.04	6.16	103.96	1.0	1.0
Arno_02	ARB0741__-03-ARB0740__	-138593.2	1443.3	6.10	113.00	8.94	2.47	0.35	113.30	0.31	2692.4	6.37	93.3	93.3	97.0	3.94	59.39	59.39	6.12	104.13	1.0	1.0
Arno_02	ARB0741__-04-ARB0740__	-138549.0	1430.5	14.28	112.96	8.82	2.51	0.36	113.26	0.32	2633.9	6.34	92.7	92.7	96.6	3.88	58.77	58.77	6.09	104.27	1.0	1.0
Arno_02	ARB0741__-05-ARB0740__	-138504.8	1422.2	10.50	112.91	8.69	2.57	0.37	113.21	0.34	2575.4	6.30	92.2	92.2	96.3	3.83	58.09	58.09	6.03	104.31	1.0	1.0
Arno_02	ARB0740__	-138460.7	1398.4	24.33	112.87	8.57	2.63	0.39	113.17	0.35	2515.2	6.27	91.7	91.7	96.4	3.78	57.46	57.46	5.96	104.23	1.0	1.0
Arno_02	ARB0740__-01-ARB0739__	-138412.8	1388.6	10.29	112.83	8.63	2.67	0.39	113.13	0.36	2505.9	6.26	91.1	91.1	95.0	3.79	57.03	57.03	6.00	104.18	1.0	1.0
Arno_02	ARB0740__-02-ARB0739__	-138365.0	1385.0	16.86	112.78	8.68	2.72	0.40	113.08	0.38	2490.2	6.25	90.5	90.5	93.9	3.80	56.56	56.56	6.02	104.45	1.0	1.0
Arno_02	ARB0740__-03-ARB0739__	-138317.1	1395.2	-15.74	112.72	8.73	2.77	0.41	113.03	0.39	2476.5	6.23	89.9	89.9	93.0	3.79	56.00	56.00	6.02	104.64	1.0	1.0
Arno_02	ARB0740__-04-ARB0739__	-138269.3	1369.0	28.05	112.68	8.79	2.83	0.42	112.99	0.41	2456.0	6.23	89.3	89.3	92.2	3.80	55.61	55.61	6.03	104.82	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
Arno_02	ARB0740__-05-ARB0739__	-138221.4	1352.3	18.24	112.63	8.85	2.89	0.44	112.94	0.43	2436.7	6.22	88.7	88.7	91.5	3.81	55.16	55.16	6.03	104.95	1.0	1.0
Arno_02	ARB0740__-06-ARB0739__	-138173.5	1342.9	11.67	112.59	8.90	2.96	0.45	112.89	0.45	2420.4	6.21	88.1	88.1	90.8	3.81	54.70	54.70	6.02	105.04	1.0	1.0
Arno_02	ARB0739__	-138125.7	1354.8	3.36	112.53	8.95	3.14	0.49	112.85	0.50	2406.7	6.43	84.2	87.5	90.3	3.81	54.12	54.12	5.99	105.15	1.0	1.0
Arno_02	ARB0739__-01-ARB0738__	-138081.5	1353.8	2.81	112.52	9.08	2.99	0.46	112.80	0.46	2559.3	6.62	86.8	89.6	92.2	3.89	57.50	57.50	6.24	104.82	1.0	1.0
Arno_02	ARB0739__-02-ARB0738__	-138037.3	1353.7	1.86	112.51	9.22	2.85	0.44	112.76	0.41	2722.9	6.81	89.4	91.6	94.1	3.97	60.89	60.89	6.47	104.47	1.0	1.0
Arno_02	ARB0739__-03-ARB0738__	-137993.1	1354.8	-2.62	112.50	9.36	2.70	0.42	112.72	0.37	2898.7	6.98	92.1	93.7	96.0	4.06	64.29	64.29	6.70	104.01	1.0	1.0
Arno_02	ARB0739__-04-ARB0738__	-137949.0	1356.9	-3.20	112.49	9.49	2.56	0.40	112.69	0.33	3086.5	7.07	95.7	95.7	98.0	4.15	67.71	67.71	6.91	103.43	1.0	1.0
Arno_02	ARB0739__-05-ARB0738__	-137904.8	1360.4	6.59	112.48	9.63	2.41	0.38	112.66	0.30	3285.1	7.27	97.8	97.8	100.1	4.25	71.11	71.11	7.10	102.72	1.0	1.0
Arno_02	ARB0738__	-137860.6	1365.6	15.36	112.47	9.77	2.27	0.36	112.64	0.26	3496.1	7.46	99.8	99.8	102.3	4.35	74.50	74.50	7.28	101.87	1.0	1.0
Arno_02	ARB0738__-01-ARB0737__	-137811.8	1366.3	0.00	112.45	9.99	2.22	0.34	112.62	0.25	3611.6	7.72	97.0	97.0	99.6	4.48	74.87	74.87	7.52	103.22	1.0	1.0
Arno_03	ARB0738__-01-ARB0737__	-137811.8	1374.7	15.90	112.45	9.99	2.21	0.34	112.62	0.25	3614.8	7.72	97.0	97.0	99.6	4.48	74.87	74.87	7.52	103.22	1.0	1.0
Arno_03	ARB0738__-02-ARB0737__	-137762.9	1384.6	15.41	112.43	10.21	2.15	0.32	112.60	0.24	3720.4	7.98	94.1	94.1	97.0	4.60	75.15	75.15	7.75	104.87	1.0	1.0
Arno_03	ARB0738__-03-ARB0737__	-137714.1	1396.9	12.32	112.41	10.43	2.06	0.30	112.58	0.22	3826.3	8.26	91.3	91.3	94.4	4.72	75.42	75.42	7.99	106.53	1.0	1.0
Arno_03	ARB0738__-04-ARB0737__	-137665.2	1412.0	15.66	112.39	10.65	1.98	0.28	112.57	0.20	3931.0	8.56	88.4	88.4	91.9	4.84	75.66	75.66	8.23	108.17	1.0	1.0
Arno_03	ARB0737__	-137616.4	1430.1	19.07	112.37	10.87	1.90	0.26	112.55	0.18	4044.3	8.90	85.6	85.6	90.2	4.95	76.12	76.12	8.44	109.70	1.0	1.0
Arno_03	ARB0737__-01-ARB0736__	-137569.0	1449.4	-19.73	112.36	10.84	1.85	0.26	112.53	0.17	4138.1	8.72	90.6	90.6	94.5	4.89	79.05	79.05	8.37	109.15	1.0	1.0
Arno_03	ARB0737__-02-ARB0736__	-137521.6	1470.5	-21.46	112.35	10.81	1.81	0.25	112.51	0.17	4233.1	8.56	95.8	95.8	99.2	4.83	82.00	82.00	8.26	108.44	1.0	1.0
Arno_03	ARB0737__-03-ARB0736__	-137474.1	1493.8	-23.54	112.34	10.78	1.77	0.25	112.50	0.16	4326.9	8.42	100.9	100.9	104.1	4.78	84.94	84.94	8.16	107.78	1.0	1.0
Arno_03	ARB0737__-04-ARB0736__	-137426.7	1516.9	-23.04	112.34	10.76	1.73	0.26	112.48	0.15	4565.1	7.89	116.0	116.0	119.1	4.71	91.55	91.55	7.69	104.61	1.0	1.0
Arno_03	ARB0737__-05-ARB0736__	-137379.3	1542.3	-25.22	112.33	10.73	1.70	0.26	112.46	0.15	4658.5	7.79	121.4	121.4	124.4	4.65	94.66	94.66	7.61	104.13	1.0	1.0
Arno_03	ARB0737__-06-ARB0736__	-137331.9	1569.0	-26.69	112.31	10.69	1.68	0.26	112.44	0.14	4751.8	7.70	126.9	126.9	129.8	4.60	97.77	97.77	7.53	103.64	1.0	1.0
Arno_03	ARB0736__	-137284.5	1597.9	-29.20	112.30	10.66	1.67	0.26	112.43	0.14	4829.5	7.61	132.4	132.4	135.3	4.54	100.79	100.79	7.45	103.14	1.0	1.0
Arno_03	ARB0736__-01-ARB0735__	-137238.7	1601.3	10.51	112.29	10.78	1.65	0.25	112.42	0.14	4880.5	7.70	131.0	131.0	133.5	4.58	100.80	100.80	7.55	103.95	1.0	1.0
Arno_03	ARB0736__-02-ARB0735__	-137192.8	1606.6	12.08	112.28	10.91	1.62	0.24	112.40	0.13	4936.4	7.78	129.6	129.6	131.9	4.64	100.86	100.86	7.65	104.75	1.0	1.0
Arno_03	ARB0736__-03-ARB0735__	-137147.0	1613.5	9.36	112.26	11.03	1.61	0.24	112.39	0.13	4987.1	7.87	128.2	128.2	130.3	4.68	100.83	100.83	7.74	105.49	1.0	1.0
Arno_03	ARB0736__-04-ARB0735__	-137101.1	1622.8	-8.62	112.24	11.15	1.61	0.23	112.37	0.13	5032.0	7.94	126.8	126.8	128.8	4.73	100.72	100.72	7.82	106.19	1.0	1.0
Arno_03	ARB0736__-05-ARB0735__	-137055.3	1634.3	-10.10	112.22	11.27	1.62	0.23	112.36	0.13	5077.6	8.02	125.4	125.4	127.3	4.78	100.59	100.59	7.90	106.86	1.0	1.0
Arno_03	ARB0736__-06-ARB0735__	-137009.4	1643.6	-8.78	112.21	11.40	1.64	0.22	112.35	0.14	5126.9	8.10	124.0	124.0	125.9	4.83	100.50	100.50	7.98	107.52	1.0	1.0
Arno_03	ARB0735__	-136963.6	1655.3	-12.44	112.20	11.52	1.65	0.22	112.34	0.14	5169.7	8.18	122.6	122.6	124.5	4.88	100.32	100.32	8.06	108.13	1.0	1.0
Arno_03	ARB0735__-01-ARB0734__	-136915.4	1655.7	0.00	112.18	11.29	1.68	0.23	112.32	0.14	5016.3	8.07	122.1	122.1	123.9	4.80	98.51	98.51	7.95	107.50	1.0	1.0
Arno_04	ARB0735__-01-ARB0734__	-136915.4	1666.1	24.43	112.18	11.29	1.69	0.23	112.32	0.15	5019.9	8.07	122.1	122.1	123.9	4.80	98.51	98.51	7.95	107.50	1.0	1.0
Arno_04	ARB0735__-02-ARB0734__	-136867.2	1652.5	27.08	112.17	11.07	1.71	0.23	112.31	0.15	4872.7	7.97	121.6	121.6	123.3	4.74	96.84	96.84	7.85	106.88	1.0	1.0
Arno_04	ARB0735__-03-ARB0734__	-136819.0	1643.9	29.23	112.14	10.84	1.73	0.23	112.29	0.15	4715.4	7.85	121.0	121.0	122.8	4.66	95.02	95.02	7.74	106.20	1.0	1.0
Arno_04	ARB0735__-04-ARB0734__	-136770.8	1640.0	31.33	112.12	10.60	1.76	0.23	112.27	0.16	4558.5	7.73	120.5	120.5	122.2	4.58	93.17	93.17	7.62	105.49	1.0	1.0
Arno_04	ARB0735__-05-ARB0734__	-136722.6	1642.6	34.15	112.09	10.37	1.80	0.24	112.25	0.16	4404.2	7.61	120.0	120.0	121.7	4.49	91.31	91.31	7.50	104.76	1.0	1.0
Arno_04	ARB0734__	-136674.4	1652.0	34.46	112.05	10.12	1.85	0.24	112.23	0.17	4252.3	7.49	119.4	119.4	121.3	4.41	89.42	89.42	7.37	104.01	1.0	1.0
Arno_04	ARB0734__-01-ARB0733__	-136632.6	1663.9	-17.44	112.02	9.83	1.94	0.26	112.21	0.19	3960.8	7.27	117.7	117.7	119.4	4.24	85.65	85.65	7.17	104.03	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
Arno_04	ARB0734_-02-ARB0733__	-136590.7	1681.9	-25.65	111.97	9.53	2.06	0.30	112.18	0.22	3675.1	7.02	116.1	116.1	117.9	4.08	81.50	81.50	6.91	103.75	1.0	1.0
Arno_04	ARB0734_-03-ARB0733__	-136548.9	1707.7	-34.39	111.91	9.22	2.21	0.34	112.16	0.25	3404.7	6.75	114.4	114.4	116.3	3.91	77.22	77.22	6.64	103.38	1.0	1.0
Arno_04	ARB0734_-04-ARB0733__	-136507.0	1719.9	-37.83	111.84	8.89	2.42	0.40	112.12	0.30	3129.2	6.44	112.7	112.7	114.8	3.74	72.56	72.56	6.32	102.78	1.0	1.0
Arno_04	ARB0734_-05-ARB0733__	-136465.2	1744.1	-33.91	111.73	8.54	2.80	0.46	112.08	0.40	2857.1	6.06	111.1	111.1	113.4	3.56	67.30	67.30	5.94	101.86	1.0	1.0
Arno_04	ARB0733__	-136423.3	1796.6	-54.42	111.58	8.13	3.27	0.55	112.01	0.54	2598.2	5.62	109.4	109.4	112.2	3.36	61.49	61.49	5.48	100.68	1.0	1.0
Arno_04	ARB0733_-01-ARB0732__	-136376.0	1795.9	0.00	111.57	8.62	2.82	0.44	111.93	0.41	2943.5	5.93	114.2	114.2	116.8	3.63	67.74	67.74	5.80	101.04	1.0	1.0
Arno_05	ARB0733_-01-ARB0732__	-136376.0	1833.9	-51.41	111.57	8.62	2.83	0.45	111.95	0.41	2964.2	5.93	114.2	114.2	116.8	3.63	67.74	67.74	5.80	101.04	1.0	1.0
Arno_05	ARB0733_-02-ARB0732__	-136328.7	1888.8	-54.81	111.55	9.10	2.54	0.37	111.88	0.33	3386.6	6.25	119.1	119.1	121.5	3.89	74.47	74.47	6.13	101.51	1.0	1.0
Arno_05	ARB0733_-03-ARB0732__	-136281.4	1947.7	-58.76	111.54	9.59	2.38	0.32	111.83	0.29	3873.0	6.61	123.9	123.9	126.3	4.15	81.91	81.91	6.48	102.15	1.0	1.0
Arno_05	ARB0733_-04-ARB0732__	-136234.1	2008.7	-60.88	111.53	10.08	2.23	0.28	111.79	0.25	4397.0	6.99	128.8	128.8	131.3	4.37	90.09	90.09	6.86	103.74	1.0	1.0
Arno_05	ARB0733_-05-ARB0732__	-136186.8	2069.7	-62.34	111.53	10.58	2.09	0.25	111.75	0.22	4954.1	7.41	133.6	133.6	136.4	4.56	98.99	98.99	7.26	106.18	1.0	1.0
Arno_05	ARB0732__	-136139.5	2129.8	-61.44	111.53	11.08	1.96	0.22	111.72	0.20	5567.7	7.83	138.5	138.5	141.5	4.74	108.49	108.49	7.67	108.58	1.0	1.0
Arno_05	ARB0732_-01-ARB0731__	-136094.8	2127.9	2.50	111.44	10.46	2.23	0.26	111.69	0.25	4705.7	7.24	131.8	131.8	135.7	4.42	95.47	95.47	7.03	112.49	1.0	1.0
Arno_05	ARB0732_-02-ARB0731__	-136050.2	2127.9	-1.36	111.36	9.86	2.44	0.28	111.66	0.30	4254.6	7.64	114.0	114.0	118.2	4.27	87.17	87.17	7.38	114.26	1.0	1.0
Arno_05	ARB0732_-03-ARB0731__	-136005.5	2131.1	-5.57	111.26	9.24	2.66	0.31	111.62	0.36	3819.2	7.34	109.1	109.1	112.7	4.05	80.03	80.03	7.10	112.80	1.0	1.0
Arno_05	ARB0732_-04-ARB0731__	-135960.9	2144.5	-23.88	111.12	8.57	2.96	0.36	111.57	0.45	3398.2	6.99	103.6	103.6	106.9	3.80	72.43	72.43	6.78	111.08	1.0	1.0
Arno_05	ARB0731__	-135916.2	2185.7	-55.51	110.90	7.83	3.41	0.44	111.49	0.59	3000.3	6.54	98.0	98.0	100.9	3.50	64.09	64.09	6.35	108.70	1.0	1.0
Arno_05	ARB0730__	-135647.6	2153.4	31.37	110.68	9.43	2.82	0.33	111.09	0.41	3831.5	7.66	99.6	99.6	104.9	4.21	76.27	76.27	7.27	113.73	1.0	1.0
Arno_05	ARB0729A__	-135631.2	2153.4	0.00	110.28	10.53	3.85	0.46	111.03	0.76	3100.8	7.30	76.6	76.6	85.1	4.04	55.88	55.88	6.57	109.93	1.0	1.0
Arno_05	ARB0728B__	-135626.2	2153.4	0.00	109.52	9.77	5.10	0.59	110.85	1.33	2779.8	7.66	56.1	56.1	81.4	3.93	42.21	42.21	5.18	101.62	1.0	1.0
Arno_05	ARB0728C__	-135617.9	2153.5	0.00	109.43	9.68	5.16	0.60	110.79	1.36	2755.4	7.56	56.1	56.1	80.8	3.89	41.74	41.74	5.16	101.47	1.0	1.0
Arno_05	ARB0727D__	-135612.9	2153.5	0.00	108.18	7.31	6.71	1.00	110.47	2.29	2319.2	4.59	70.0	70.0	75.1	2.64	32.11	32.11	4.27	95.27	1.0	1.0
Arno_05	ARB0726__	-135594.5	2148.8	44.05	108.55	6.35	4.30	0.62	109.50	0.94	2339.2	5.05	99.0	99.0	102.5	2.80	49.94	49.94	4.87	99.50	1.0	1.0
Arno_05	ARB07242A	-135525.1	2147.8	0.00	108.33	4.57	4.46	0.82	109.16	1.01	1975.6	3.76	141.3	141.3	145.4	2.05	53.13	53.13	3.65	90.43	1.0	1.0
Arno_05	ARB07242__	-135520.1	2147.8	0.00	108.28	4.52	5.10	1.00	109.13	1.32	1960.7	3.71	141.1	141.1	145.2	2.03	52.40	52.40	3.61	90.07	1.0	1.0
Arno_05	ARB07241__	-135506.3	2098.4	69.05	108.79	10.94	1.89	0.21	108.97	0.18	5416.5	8.56	129.5	135.4	136.3	4.52	110.88	112.43	8.14	116.96	1.0	1.0
Arno_05	ARB0724__	-135399.1	2046.0	51.97	108.79	11.94	1.62	0.18	108.92	0.13	6322.7	8.54	148.4	181.2	152.1	4.73	126.65	134.42	8.33	118.99	1.0	1.0
Arno_05	ARB0723__	-135161.3	2177.7	-134.57	108.25	9.40	2.91	0.44	108.68	0.43	3275.6	4.88	154.6	178.0	158.2	3.49	75.45	76.09	4.77	98.82	1.0	1.0
Arno_05	ARB0722__	-134831.8	2177.5	0.00	106.33	10.50	5.07	0.65	107.63	1.31	2791.8	6.22	69.3	69.3	74.4	3.88	43.07	43.07	5.79	105.45	1.0	1.0
Arno_05	ARB0721__	-134566.6	2178.6	0.00	105.94	7.69	3.69	0.55	106.62	0.69	2607.1	5.66	104.8	104.8	110.0	3.03	59.30	59.30	5.39	102.92	1.0	1.0
Arno_05	ARB0720__	-134404.8	2192.2	0.00	105.57	7.97	3.44	0.78	106.16	0.60	2646.6	4.27	150.7	154.2	154.0	2.93	64.36	64.39	4.18	94.57	1.0	1.0
Arno_05	ARE0719__	-134243.7	2192.8	0.00	105.19	8.42	3.25	0.47	105.73	0.54	3023.7	4.99	136.9	136.9	139.5	3.40	67.50	67.50	4.89	99.63	1.0	1.0
Arno_05	ARE0718__	-134069.8	2192.3	0.00	104.61	8.05	3.59	0.67	105.26	0.66	2771.0	4.55	134.5	134.5	137.4	3.22	61.18	61.18	4.45	96.59	1.0	1.0
Arno_05	ARE0716__	-133644.5	2191.4	0.00	103.36	10.10	3.78	0.49	104.08	0.73	3045.3	6.13	94.7	94.7	101.5	3.80	58.02	58.02	5.72	104.96	1.0	1.0
Arno_05	ARE0715__	-133396.6	2190.5	0.00	102.99	9.97	3.17	0.46	103.50	0.51	3077.6	5.38	128.7	128.7	134.2	3.42	69.28	69.28	5.16	101.45	1.0	1.0
Arno_05	ARE0713__	-132927.9	2192.6	0.00	102.05	9.98	3.13	0.47	102.53	0.50	3269.0	4.98	147.5	182.5	152.6	3.64	70.75	71.97	4.66	98.09	1.0	1.0
Arno_05	ARE0712__	-132673.5	2196.4	0.00	101.07	9.95	4.00	0.52	101.88	0.82	3115.9	6.46	91.5	91.5	98.4	4.03	55.22	55.22	5.91	106.17	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
Arno_05	ARE0711__	-132574.3	2194.8	0.00	101.13	8.31	3.10	0.39	101.61	0.49	3252.0	6.52	109.3	109.3	114.6	3.60	71.21	71.21	6.21	107.92	1.0	1.0
Arno_05	ARE0710A__	-132537.6	2242.0	0.00	100.55	7.22	4.26	0.58	101.48	0.92	2557.4	5.53	95.2	96.1	106.8	3.01	52.68	52.68	4.93	99.89	1.0	1.0
Arno_05	ARE0709B__	-132536.6	2242.0	0.00	100.34	7.01	4.61	0.62	101.42	1.08	2494.3	5.56	87.5	87.5	105.7	2.96	48.69	48.69	4.61	97.70	1.0	1.0
Arno_05	ARE0709C__	-132526.1	2242.1	0.00	100.21	6.87	4.72	0.65	101.34	1.14	2456.1	5.43	87.5	87.5	105.1	2.90	47.51	47.51	4.52	97.07	1.0	1.0
Arno_05	ARE0708D__	-132525.1	2242.1	0.00	100.27	6.93	4.47	0.62	101.28	1.02	2463.5	5.26	95.4	96.0	106.9	2.88	50.15	50.15	4.69	98.24	1.0	1.0
Arno_05	ARE0707__	-132231.2	2243.3	0.00	99.58	8.88	3.97	0.88	100.07	0.80	2484.0	3.60	201.5	201.5	205.9	2.45	72.58	72.58	3.53	89.32	1.0	1.0
Arno_05	ARE0706__	-131931.2	2244.3	0.00	98.24	9.50	4.18	0.53	99.13	0.89	2936.5	6.46	83.0	83.0	87.9	3.69	53.68	53.68	6.11	107.28	1.0	1.0
Arno_05	ARE0705__	-131699.1	2244.0	0.00	97.22	9.85	4.50	0.67	98.25	1.03	2872.7	5.20	108.0	108.0	112.5	3.70	49.88	49.88	4.93	99.96	1.0	1.0
Arno_05	ARE0704__	-131547.0	2244.4	0.00	96.74	9.17	3.99	0.60	97.55	0.81	2696.5	4.57	123.3	123.3	126.7	3.17	56.32	56.32	4.45	96.51	1.0	1.0
Arno_05	ARE0703__	-131216.3	2244.9	0.00	95.63	9.60	3.75	0.57	96.35	0.72	2738.1	4.54	131.8	188.8	136.9	3.14	59.87	61.54	4.37	96.03	1.0	1.0
Arno_05	ARE0702__	-130901.2	2244.0	0.00	94.60	7.40	3.71	0.57	95.31	0.70	2557.2	4.64	130.3	172.0	134.0	2.82	60.50	61.33	4.52	97.04	1.0	1.0
Arno_05	ARE0701__	-130505.6	2245.9	0.00	93.29	7.80	3.81	0.71	94.03	0.74	2604.2	4.79	123.2	134.2	126.5	2.94	58.94	59.17	4.66	98.04	1.0	1.0
Arno_05	ARE0700__	-130230.8	2245.6	0.00	91.50	8.44	5.15	0.69	92.86	1.35	2673.7	5.76	75.6	75.6	81.7	3.43	43.57	43.57	5.33	102.54	1.0	1.0
Arno_05	ARE0699__	-130034.9	2244.6	0.00	91.01	7.14	4.24	0.61	91.92	0.92	2468.4	5.05	105.1	105.1	108.2	2.83	53.11	53.11	4.91	99.79	1.0	1.0
Arno_05	ARE0698__	-129808.7	2244.6	0.00	90.64	6.51	3.33	0.62	91.20	0.57	2645.9	5.17	131.4	131.4	134.7	2.78	67.93	67.93	5.04	100.64	1.0	1.0
Arno_05	ARE0697__	-129561.4	2288.2	0.00	89.72	7.52	4.02	0.57	90.54	0.82	2720.9	5.57	102.3	102.3	105.2	3.13	56.96	56.96	5.41	103.09	1.0	1.0
Arno_05	ARE0696__	-129375.6	2288.9	0.00	88.81	7.80	4.50	0.68	89.85	1.03	2633.1	4.88	104.1	104.1	106.0	3.11	50.82	50.82	4.79	98.99	1.0	1.0
Arno_05	ARE0695__	-129297.4	2289.6	0.00	88.42	8.52	4.58	0.70	89.47	1.07	2657.8	4.85	108.9	121.9	113.9	3.18	50.15	50.47	4.57	97.43	1.0	1.0
Arno_05	ARE0693__	-128798.5	2016.8	323.96	86.73	9.41	4.41	0.60	87.55	0.99	2677.0	6.38	78.9	78.9	82.7	3.69	50.30	50.30	6.08	107.17	1.0	1.0
Arno_05	ARE0692__	-128545.2	2204.2	-319.95	86.16	9.30	4.04	0.58	86.94	0.83	2936.3	6.68	84.6	84.6	90.5	3.65	56.52	56.52	6.24	108.11	1.0	1.0
Arno_05	ARB0691__	-128251.3	2051.0	265.09	85.59	9.59	4.08	0.60	86.28	0.85	2923.9	6.73	82.0	82.0	87.6	3.91	55.19	55.19	6.30	108.43	1.0	1.0
Arno_05	ARB0690__	-127892.4	2083.6	-42.09	85.56	10.26	2.35	0.40	85.74	0.28	4415.2	5.64	191.9	203.9	194.5	3.72	108.27	108.44	5.57	104.05	1.0	1.0
Arno_05	ARB0689__	-127674.6	2289.2	-265.14	85.11	9.94	3.19	0.51	85.52	0.52	3748.0	6.67	116.8	116.8	120.0	3.99	77.93	77.93	6.50	109.55	1.0	1.0
Arno_05	ARB0687__	-127384.1	3344.0	0.00	84.25	11.83	3.75	0.50	84.96	0.72	4899.8	5.90	151.4	151.4	156.2	4.06	89.23	89.23	5.71	104.94	1.0	1.0
Arno_05	ARB0686__	-127078.2	3344.9	0.00	83.22	10.34	4.28	0.66	84.16	0.93	4468.8	6.44	121.4	121.4	124.3	3.85	78.13	78.13	6.29	108.36	1.0	1.0
Arno_05	ARB0685__	-126951.0	3344.1	0.00	82.44	9.92	5.03	0.61	83.73	1.29	4475.1	7.00	95.1	95.1	99.4	4.15	66.54	66.54	6.69	110.65	1.0	1.0
Arno_05	ARB0684__	-126680.8	3339.4	0.00	81.64	9.64	4.78	0.59	82.80	1.16	4402.8	6.80	102.9	102.9	107.8	3.98	69.98	69.98	6.49	109.53	1.0	1.0
Arno_05	ARB0683__	-126603.6	2954.1	387.13	82.01	12.20	3.12	0.35	82.50	0.50	5716.3	8.29	114.4	114.4	120.7	5.04	94.83	94.83	7.86	116.71	1.0	1.0
Arno_05	ARB0682__	-126340.3	2470.8	489.07	81.78	10.63	3.00	0.45	82.19	0.46	4108.8	6.49	133.8	133.8	137.0	3.91	86.84	86.84	6.34	108.64	1.0	1.0
Arno_05	ARB0682__-01-ARB0681__	-126294.1	2374.4	102.25	81.75	10.61	3.10	0.49	82.12	0.49	4001.6	6.01	144.9	144.9	148.2	3.85	87.07	87.07	5.87	105.93	1.0	1.0
Arno_05	ARB0682__-02-ARB0681__	-126247.9	2311.0	71.30	81.70	10.58	3.20	0.52	82.06	0.52	3925.9	5.80	148.8	148.8	152.4	3.83	86.29	86.29	5.66	104.64	1.0	1.0
Arno_05	ARB0682__-03-ARB0681__	-126201.7	2310.8	0.00	81.63	10.52	3.28	0.54	82.01	0.55	3885.7	5.80	146.0	146.0	150.7	3.83	84.73	84.73	5.62	104.40	1.0	1.0
Arno_05	ARB0682__-04-ARB0681__	-126155.5	2310.8	0.00	81.57	10.46	3.35	0.54	81.95	0.57	3861.0	5.62	149.6	149.6	154.5	3.83	84.15	84.15	5.45	103.31	1.0	1.0
Arno_05	ARB0681__	-126109.3	2310.8	0.00	81.50	10.41	3.42	0.58	81.88	0.60	3842.2	5.50	152.1	152.1	157.3	3.82	83.71	83.71	5.32	102.51	1.0	1.0
Arno_06	ARB0681__	-126109.3	2317.3	0.00	81.50	10.41	3.43	0.60	81.88	0.60	3843.8	5.50	152.1	152.1	157.3	3.82	83.71	83.71	5.32	102.51	1.0	1.0
Arno_06	ARB0681__-01-ARB0680__	-126065.3	2317.3	0.00	81.44	10.56	3.38	0.64	81.82	0.58	3920.5	5.73	147.1	147.1	152.6	3.89	84.21	84.21	5.52	103.75	1.0	1.0
Arno_06	ARB0681__-02-ARB0680__	-126021.4	2315.5	5.06	81.40	10.72	3.29	0.69	81.77	0.55	4050.8	6.01	144.1	144.1	150.1	4.01	85.32	85.32	5.75	105.17	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
Arno_06	ARB0680__	-125977.4	2309.8	10.99	81.36	10.89	3.36	1.00	81.71	0.58	4231.5	6.49	139.8	139.8	147.6	4.16	86.89	86.89	6.13	107.45	1.0	1.0
Arno_06	ARB0679A_	-125971.1	2309.6	0.00	81.37	10.47	3.01	0.91	81.70	0.46	4462.3	7.23	125.9	143.6	148.2	4.33	89.26	89.26	6.92	111.90	1.0	1.0
Arno_06	ARB0678B_	-125970.1	2309.6	0.00	81.05	10.80	3.53	0.42	81.63	0.63	4325.6	17.09	77.4	77.4	209.3	5.20	68.04	68.06	3.92	92.55	1.0	1.0
Arno_06	ARB0678C_	-125962.1	2309.6	0.00	81.02	10.77	3.54	0.43	81.60	0.64	4307.2	17.00	77.3	77.3	208.7	5.18	67.93	67.94	3.92	92.55	1.0	1.0
Arno_06	ARB0677D_	-125961.1	2309.6	0.00	81.16	11.06	2.98	0.54	81.47	0.45	4475.2	5.87	157.7	157.7	161.5	4.21	92.56	92.56	5.73	105.07	1.0	1.0
Arno_06	ARB0676__	-125945.0	2307.3	4.23	81.01	11.42	3.24	0.39	81.44	0.53	4424.4	8.94	87.9	87.9	97.8	4.77	78.53	78.53	8.03	117.57	1.0	1.0
Arno_06	ARB0675__	-125859.4	2307.1	10.61	80.83	12.03	3.64	0.42	81.34	0.68	4466.5	8.60	84.5	94.5	103.6	5.13	72.71	72.71	7.02	112.30	1.0	1.0
Arno_06	ARB0675__-01-ARB0674__	-125819.5	2305.8	-5.98	80.84	12.01	3.46	0.41	81.28	0.61	4575.6	7.46	114.0	114.0	119.2	4.97	78.15	78.15	7.06	112.63	1.0	1.0
Arno_06	ARB0675__-02-ARB0674__	-125779.7	2308.8	-9.18	80.80	11.95	3.39	0.40	81.23	0.59	4582.6	7.51	117.3	117.3	122.7	4.90	79.67	79.67	7.10	112.85	1.0	1.0
Arno_06	ARB0675__-03-ARB0674__	-125739.8	2314.4	-8.14	80.77	11.88	3.33	0.39	81.18	0.57	4623.1	7.58	120.4	120.4	126.2	4.87	81.16	81.16	7.15	113.12	1.0	1.0
Arno_06	ARB0674__	-125700.0	2319.3	-7.63	80.73	11.82	3.28	0.38	81.13	0.55	4681.5	7.60	123.6	123.6	129.8	4.87	82.65	82.65	7.16	113.16	1.0	1.0
Arno_06	ARB0674__-01-ARB0673__	-125654.5	2332.1	-19.40	80.62	11.77	3.38	0.40	81.07	0.58	4535.7	7.91	115.0	118.1	123.8	4.89	78.30	78.30	7.45	114.68	1.0	1.0
Arno_06	ARB0674__-02-ARB0673__	-125609.1	2332.7	-1.21	80.53	11.73	3.47	0.41	81.02	0.61	4415.3	8.22	93.0	93.0	98.6	4.89	75.25	75.25	7.75	116.17	1.0	1.0
Arno_06	ARB0674__-03-ARB0673__	-125563.6	2333.0	0.00	80.46	11.73	3.55	0.42	80.97	0.64	4316.1	8.38	88.1	88.1	93.6	4.83	73.89	73.89	7.89	116.89	1.0	1.0
Arno_06	ARB0674__-04-ARB0673__	-125518.2	2333.3	0.00	80.39	11.71	3.64	0.44	80.92	0.68	4222.4	8.33	87.4	87.4	92.8	4.75	72.77	72.77	7.84	116.65	1.0	1.0
Arno_06	ARB0674__-05-ARB0673__	-125472.7	2333.7	0.00	80.33	11.71	3.73	0.45	80.86	0.71	4137.0	8.24	87.2	87.2	92.5	4.68	71.83	71.83	7.76	116.24	1.0	1.0
Arno_06	ARB0673__	-125427.3	2338.7	-5.26	80.25	11.69	3.82	0.48	80.81	0.74	4054.6	8.13	87.3	87.3	92.6	4.61	70.94	70.94	7.66	115.72	1.0	1.0
Arno_06	ARB0673__-01-ARB0672__	-125381.5	2339.9	0.00	80.28	11.86	3.47	0.43	80.74	0.61	4376.5	8.23	94.6	94.6	99.8	4.70	77.90	77.90	7.81	116.46	1.0	1.0
Arno_06	ARB0673__-02-ARB0672__	-125335.8	2341.3	0.00	80.30	12.03	3.16	0.38	80.68	0.51	4746.0	8.33	102.2	102.2	107.3	4.80	85.21	85.21	7.94	117.13	1.0	1.0
Arno_06	ARB0673__-03-ARB0672__	-125290.0	2342.6	0.00	80.31	12.19	2.89	0.35	80.63	0.43	5164.3	8.42	110.3	110.3	115.4	4.91	92.90	92.90	8.05	117.66	1.0	1.0
Arno_06	ARB0673__-04-ARB0672__	-125244.2	2344.6	-0.68	80.32	12.35	2.65	0.32	80.60	0.36	5633.0	8.59	117.5	117.5	123.3	5.03	100.94	100.94	8.19	118.34	1.0	1.0
Arno_06	ARB0673__-05-ARB0672__	-125198.5	2363.1	-18.28	80.33	12.51	2.44	0.29	80.57	0.30	6165.3	8.76	124.9	124.9	131.4	5.16	109.38	109.38	8.32	119.00	1.0	1.0
Arno_06	ARB0672__	-125152.7	2437.7	-77.76	80.33	12.65	2.25	0.27	80.55	0.26	6763.7	8.70	137.2	137.2	144.3	5.29	118.14	118.14	8.25	118.67	1.0	1.0
Arno_06	ARB06723A	-125048.9	2443.1	0.00	80.23	13.13	2.78	0.38	80.47	0.39	5292.3	5.39	209.2	238.2	211.8	4.26	111.31	113.11	5.30	102.34	1.0	1.0
Arno_06	ARB06722B	-125047.9	2443.2	0.00	80.20	13.50	2.77	0.38	80.47	0.39	5384.3	6.17	173.1	173.1	208.8	4.51	106.86	106.86	5.12	101.19	1.0	1.0
Arno_06	ARB06722C	-125035.8	2443.0	0.00	80.20	13.50	2.78	0.39	80.46	0.40	5377.5	6.17	173.0	173.0	208.7	4.50	106.74	106.74	5.11	101.16	1.0	1.0
Arno_06	ARB06721D	-125034.8	2442.9	0.00	80.16	12.56	2.81	0.36	80.45	0.40	5386.9	6.51	156.9	156.9	160.6	4.69	102.06	102.06	6.35	108.74	1.0	1.0
Arno_06	ARB0671__	-124893.0	2737.5	-317.77	79.92	14.07	2.84	0.28	80.33	0.41	6451.8	10.11	95.5	95.5	99.9	5.86	96.53	96.53	9.66	117.94	1.0	1.0
Arno_06	ARB0670__	-124598.1	2738.4	0.00	79.30	11.89	3.65	0.41	79.97	0.68	4559.9	8.08	93.0	93.0	100.7	4.72	75.13	75.13	7.46	114.74	1.0	1.0
Arno_06	ARB0669__	-124427.0	2742.2	-5.04	79.09	11.59	3.53	0.38	79.72	0.63	4858.4	8.96	86.7	86.7	97.2	4.98	77.74	77.74	8.00	117.41	1.0	1.0
Arno_06	ARB0668__	-124065.8	2950.9	-207.10	78.70	11.80	3.25	0.37	79.23	0.54	5298.6	7.84	115.7	115.7	120.7	4.76	90.78	90.78	7.52	114.61	1.0	1.0
Arno_06	ARB0667__	-123870.5	3054.4	-338.91	78.61	11.57	2.74	0.32	78.99	0.38	5907.6	7.55	147.6	147.6	151.4	4.54	111.49	111.49	7.37	108.94	1.0	1.0
Arno_06	ARB0666__	-123732.6	3057.4	0.00	78.21	11.64	3.43	0.39	78.80	0.60	5179.3	7.68	116.3	116.3	120.7	4.61	89.32	89.32	7.40	114.43	1.0	1.0
Arno_06	ARB0665__	-123421.8	3283.2	-233.37	77.80	11.32	3.44	0.38	78.40	0.60	5771.2	8.60	110.9	126.8	116.1	4.85	95.42	96.48	8.22	118.50	1.0	1.0
Arno_06	ARB0664__	-123181.0	3049.1	242.10	77.56	11.37	3.18	0.38	78.08	0.52	5445.0	7.33	130.9	138.0	135.6	4.65	95.90	96.43	7.07	112.68	1.0	1.0
Arno_06	ARB0663__	-122717.3	3053.7	0.00	75.76	9.02	4.82	0.62	76.93	1.18	3794.1	6.22	102.0	102.0	105.5	3.62	63.49	63.49	6.02	106.79	1.0	1.0
Arno_06	ARB0662__	-122463.2	2291.8	784.63	75.17	9.64	4.11	0.55	76.01	0.86	3060.6	5.82	96.1	96.1	98.7	3.78	55.89	55.89	5.66	100.46	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
Arno_06	ARB0661__	-122143.2	2233.9	69.05	73.61	7.23	4.82	0.73	74.73	1.18	2373.6	4.67	102.3	102.3	105.2	2.74	47.80	47.80	4.54	97.24	1.0	1.0
Arno_06	ARB06602A	-122035.3	2423.3	-189.99	73.41	4.29	4.17	0.77	74.13	0.89	2140.8	3.58	180.3	180.3	182.2	1.88	64.52	64.52	3.54	89.49	1.0	1.0
Arno_06	ARB06602__	-122030.3	2487.6	-65.21	73.27	4.16	5.11	1.02	74.09	1.33	2143.7	3.45	179.9	179.9	181.7	1.82	62.09	62.09	3.42	88.43	1.0	1.0
Arno_06	ARB06601__	-121996.3	2759.2	-278.57	73.75	9.52	1.62	0.19	73.88	0.13	7577.2	7.90	218.3	218.3	226.9	4.14	172.31	172.31	7.60	115.41	1.0	1.0
Arno_06	ARB0659__	-121706.8	2786.5	0.00	73.50	10.00	2.21	0.49	73.72	0.25	4789.5	5.66	233.4	233.4	240.0	3.17	132.07	132.07	5.50	103.65	1.0	1.0
Arno_06	ARB0658__	-121438.9	2294.7	548.46	73.18	9.93	2.97	0.46	73.49	0.45	4376.8	6.73	139.5	139.5	142.4	4.05	93.84	93.84	6.59	102.80	1.0	1.0
Arno_06	ARB0657__	-121135.3	2840.6	-581.28	72.70	9.68	3.00	0.41	73.16	0.46	4827.9	7.38	128.8	128.8	130.6	4.17	95.04	95.04	7.28	104.90	1.0	1.0
Arno_06	ARB0656__	-120868.5	3016.0	-190.38	72.23	9.21	3.34	0.48	72.80	0.57	4417.4	6.99	129.9	129.9	132.4	3.74	90.74	90.74	6.85	111.53	1.0	1.0
Arno_06	ARB0655__	-120740.6	3317.9	-344.38	72.06	9.61	3.32	0.39	72.62	0.56	5261.8	7.60	131.6	131.6	134.2	4.14	100.00	100.00	7.45	114.66	1.0	1.0
Arno_06	ARB0654__	-120492.3	3335.3	-40.71	71.61	9.27	3.59	0.44	72.26	0.66	4847.6	7.21	130.1	130.1	132.4	3.88	93.77	93.77	7.08	112.75	1.0	1.0
Arno_06	ARB06532A	-120263.7	3337.7	0.00	71.79	6.26	2.50	0.71	71.94	0.32	6592.0	6.19	313.8	313.8	319.8	3.09	194.16	194.16	6.07	107.09	1.0	1.0
Arno_06	ARB06532__	-120258.7	3337.8	0.00	71.79	6.26	3.08	1.03	71.94	0.48	6588.4	6.19	313.8	313.8	319.8	3.09	194.09	194.09	6.07	107.08	1.0	1.0
Arno_06	ARB06531__	-120236.1	3337.6	0.00	71.86	11.62	1.07	0.11	71.91	0.06	16804.3	10.27	305.4	305.4	309.2	5.24	313.78	313.78	10.1	127.11	1.0	1.0
Arno_06	ARB0652__	-119915.6	3042.5	343.81	71.23	13.65	3.16	0.38	71.73	0.51	5676.4	8.60	112.2	145.3	118.4	4.87	96.44	101.75	8.15	118.15	1.0	1.0
Arno_06	ARB0651__	-119710.0	2676.6	486.19	71.00	14.50	3.41	0.38	71.52	0.59	5525.3	9.92	84.0	84.0	89.8	5.59	83.34	83.34	9.28	116.92	1.0	1.0
Arno_06	ARB0650__	-119285.6	3336.7	-804.95	70.26	9.46	3.62	0.45	70.92	0.67	4971.4	7.28	127.1	127.1	133.3	4.05	92.51	92.51	6.94	110.81	1.0	1.0
Arno_06	ARB0649__	-119075.1	3337.8	0.00	70.09	9.08	3.13	0.69	70.57	0.50	4978.9	6.74	160.4	187.0	163.6	3.63	108.12	114.43	6.61	110.17	1.0	1.0
Arno_06	ARB06482A	-118989.4	3394.3	-133.37	70.15	8.36	2.63	0.73	70.44	0.35	6352.3	7.83	179.8	179.8	191.6	3.92	140.67	140.67	7.34	114.10	1.0	1.0
Selceto	SE0001_A	-11.5	126.8	0.00	113.44	3.75	3.64	0.71	114.05	0.67	110.8	3.67	9.6	9.6	16.8	1.86	3.54	3.54	2.11	117.70	1.0	1.0
Selceto	SE0001_B	-10.5	126.8	0.00	113.43	3.75	3.96	0.67	114.01	0.80	109.8	4.89	9.7	9.7	17.5	1.96	3.36	3.36	1.92	114.02	1.0	1.0
Selceto	SE0001_C	0.0	126.8	0.00	113.43	3.78	5.21	1.00	113.60	1.38	99.0	4.94	9.7	9.7	17.5	1.98	3.40	3.40	1.94	114.35	1.0	1.0
Selceto	SE0001_D	1.0	126.8	0.00	113.44	5.40	4.18	0.75	113.45	0.89	135.8	5.23	9.6	9.6	19.9	2.67	5.05	5.05	2.54	125.14	1.0	1.0
Selceto	SE0002__	15.1	122.3	-11.06	113.44	5.45	3.97	1.00	113.45	0.80	140.3	5.33	9.7	9.7	15.1	2.70	5.15	5.15	3.40	122.29	1.0	1.0
Selceto	SE0003_A	23.8	122.1	-3.87	113.44	5.68	3.55	0.65	113.45	0.64	160.0	5.05	11.5	11.5	18.1	2.74	5.80	5.80	3.21	126.73	1.0	1.0
Selceto	SE0003_B	24.8	122.1	0.00	113.43	5.67	4.03	0.64	113.45	0.83	142.4	9999.99	9.5	12.1	34.5	3.31	4.26	4.43	1.77	111.05	1.0	1.0
Selceto	SE0003_C	34.7	122.1	0.00	113.43	5.67	5.09	1.00	113.45	1.32	142.3	9999.99	9.5	12.1	34.5	3.31	4.26	4.43	1.77	111.05	1.0	1.0
Selceto	SE0003_D	35.7	122.1	1.43	113.44	5.68	4.95	1.00	113.45	1.25	159.8	5.05	11.5	11.5	18.1	2.74	5.80	5.80	3.21	126.75	1.0	1.0
Selceto	SE0004_A	37.1	122.1	1.14	113.44	5.86	4.71	1.00	113.45	1.13	170.8	5.17	11.7	11.7	18.5	2.82	6.03	6.03	3.26	127.78	1.0	1.0
Selceto	SE0004_D	37.4	122.1	1.49	113.44	6.45	3.42	0.59	113.45	0.59	204.3	5.63	11.7	11.7	19.6	3.10	6.57	6.57	3.34	129.71	1.0	1.0
Selceto	SE0005__	109.6	122.1	125.10	113.44	7.34	3.01	0.59	113.44	0.46	278.1	3.75	28.0	28.0	31.4	2.64	10.52	10.52	3.35	131.76	1.0	1.0
Selceto	SE0006__	136.6	122.0	22.64	113.45	7.46	2.41	0.47	113.45	0.30	316.2	3.83	31.0	31.0	34.5	2.66	11.89	11.89	3.45	138.55	1.0	1.0
Selceto	SE0006__-01-SE0007__	186.7	121.9	20.65	113.45	7.85	1.47	0.26	113.45	0.11	511.2	4.76	37.3	42.0	40.4	2.88	17.77	18.40	4.40	150.32	1.0	1.0
Selceto	SE0007__	236.7	121.7	28.83	113.45	8.24	1.10	0.19	113.45	0.06	679.6	5.02	45.7	52.5	49.7	2.96	22.93	24.42	4.61	152.68	1.0	1.0
Selceto	SE0008__	293.3	121.6	27.06	113.45	8.79	1.01	0.17	113.45	0.05	705.9	6.21	33.6	44.5	38.7	3.38	20.86	23.30	5.39	160.83	1.0	1.0
Selceto	SE0008__-01-SE0009__	342.9	123.5	15.02	113.45	8.27	1.17	0.20	113.46	0.07	619.3	5.83	32.4	39.7	37.0	3.27	18.90	20.03	5.11	151.34	1.0	1.0
Selceto	SE0009__	392.4	123.2	28.55	113.45	7.74	1.40	0.26	113.46	0.10	525.4	5.45	31.3	34.9	35.6	3.08	17.03	17.44	4.78	147.85	1.0	1.0
Selceto	SE0010__	446.1	118.8	39.87	113.46	9.47	0.66	0.10	113.46	0.02	1108.9	6.99	42.1	48.5	45.8	3.76	29.44	30.80	6.44	159.57	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
Romacale	RO0001_A	0.0	13.0	5.54	114.95	3.55	0.83	0.23	114.98	0.03	27.2	3.14	5.0	10.9	6.3	1.66	1.57	2.74	2.47	100.36	1.0	1.0
Romacale	RO0001_B	1.5	13.0	0.00	114.66	3.16	2.35	1.01	114.90	0.28	12.1	9999.99	2.3	10.9	8.6	1.63	0.56	2.03	0.66	61.87	1.0	1.0
Romacale	RO0002_C	11.4	13.1	0.00	114.62	3.62	2.01	0.52	114.78	0.21	15.4	9999.99	2.3	4.5	8.6	1.98	0.67	1.16	0.78	61.68	1.0	1.0
Romacale	RO0002_D	11.5	13.0	0.14	114.63	3.74	1.42	0.24	114.72	0.10	19.0	4.94	2.5	4.5	10.5	1.88	0.93	1.38	0.89	80.56	1.0	1.0
Romacale	RO0003_A	12.6	12.0	1.31	114.64	3.75	1.32	0.22	114.71	0.09	18.9	4.37	2.5	4.5	10.4	1.88	0.93	1.39	0.90	80.14	1.0	1.0
Romacale	RO0003_B	12.7	12.0	0.00	114.52	3.53	1.89	0.80	114.67	0.18	14.6	9999.99	2.3	4.5	8.6	1.92	0.66	1.14	0.77	61.58	1.0	1.0
Romacale	RO0004_C	54.3	12.1	0.00	114.21	3.66	3.93	1.01	114.36	0.79	11.3	9999.99	1.8	5.9	6.9	1.69	0.56	1.57	0.82	72.68	1.0	1.0
Romacale	RO0004_D	54.8	11.6	0.60	114.26	3.73	2.64	1.01	114.31	0.35	17.7	3.59	2.6	5.9	4.5	1.80	0.93	1.77	2.07	102.05	1.0	1.0
Romacale	RO0005_A	57.8	6.0	6.73	114.28	3.98	-1.02	1.09	114.29	0.05	26.8	3.63	3.9	7.4	7.2	1.89	1.40	2.32	1.95	100.02	1.0	1.0
Romacale	RO0005_B	58.0	6.0	0.00	114.12	3.82	2.80	1.61	114.25	0.40	10.6	9999.99	1.6	7.0	6.6	2.55	0.38	1.66	0.57	68.41	1.0	1.0
Romacale	RO0006_C	69.4	6.0	0.00	112.45	2.03	5.34	1.38	112.72	1.45	3.8	9999.99	1.6	1.6	4.6	1.64	0.11	0.11	0.37	66.08	1.0	1.0
Romacale	RO0006_D	70.4	6.0	-0.03	112.45	2.03	3.29	1.38	112.45	0.55	3.3	1.85	1.9	6.0	5.0	0.96	0.34	0.74	0.68	80.86	1.0	1.0
Romacale	RO0007__	81.0	6.0	-0.08	112.45	2.16	2.40	1.37	112.45	0.29	7.9	1.74	4.8	4.8	5.4	0.95	0.83	0.83	1.54	84.28	1.0	1.0
Romacale	RO0007__-01-RO0008__	111.8	6.0	-0.51	112.45	2.48	2.02	1.30	112.45	0.21	13.6	1.98	6.3	6.3	6.8	1.10	1.24	1.24	1.81	86.12	1.0	1.0
Romacale	RO0008__	142.6	6.1	-1.21	112.45	2.81	2.25	1.08	112.45	0.26	21.2	2.22	7.8	7.8	8.3	1.23	1.73	2.07	2.08	89.06	1.0	1.0
Romacale	RO0008__-01-RO0009__	184.2	6.1	-1.85	112.45	3.74	2.40	1.10	112.45	0.29	37.3	2.88	8.1	10.1	9.1	1.59	2.34	2.80	2.58	105.45	1.0	1.0
Romacale	RO0009__	225.7	6.0	-2.18	112.45	4.68	2.33	1.00	112.45	0.28	57.7	3.49	8.5	12.5	10.0	1.95	2.95	4.20	2.95	115.68	1.0	1.0
Romacale	RO0010__	269.1	8.0	-2.62	112.45	5.34	1.79	0.79	112.45	0.16	86.7	3.49	12.2	12.2	14.1	2.04	4.26	4.26	3.02	115.80	1.0	1.0
Romacale	RO0011__	321.5	11.4	-3.63	112.45	5.86	1.88	0.56	112.45	0.18	76.0	3.86	8.1	9.8	11.8	2.43	3.13	3.62	2.66	102.65	1.0	1.0
Romacale	RO0012__	331.2	12.6	-1.10	112.45	5.69	2.88	1.00	112.45	0.42	52.4	4.84	4.2	9.8	7.7	2.59	2.03	3.61	2.63	109.83	1.0	1.0
Romacale	RO0013__	332.2	12.6	-0.06	112.45	8.99	0.37	0.06	112.45	0.01	188.7	8.58	5.0	12.8	15.9	4.40	4.29	6.47	2.71	120.72	1.0	1.0
Ischieto	IS0001_A	-21.5	25.0	0.00	112.18	2.70	2.12	0.48	112.18	0.23	17.4	2.37	5.9	5.9	13.1	1.20	1.41	1.41	1.08	94.01	1.0	1.0
Ischieto	IS0001_B	-20.5	25.0	0.00	112.18	2.70	2.13	0.52	112.18	0.23	17.3	2.47	5.9	5.9	13.2	1.20	1.41	1.41	1.07	93.84	1.0	1.0
Ischieto	IS0001_C	0.0	25.1	0.00	112.18	2.77	2.35	0.64	112.18	0.28	17.3	2.49	5.9	5.9	13.3	1.22	1.42	1.42	1.07	93.76	1.0	1.0
Ischieto	IS0001_D	1.0	25.1	0.00	112.18	2.77	2.37	1.00	112.18	0.29	17.3	2.39	5.9	5.9	13.2	1.21	1.42	1.42	1.07	93.93	1.0	1.0
Ischieto	IS0002_A	2.4	25.1	0.00	112.18	2.91	1.44	0.43	112.18	0.11	24.0	1.60	15.4	30.0	19.8	0.98	2.46	2.93	1.24	98.64	1.0	1.0
Ischieto	IS0002_B	3.4	25.1	0.00	112.18	2.91	2.79	1.00	112.18	0.40	20.0	1.47	15.4	30.0	20.1	0.88	2.26	2.72	1.12	95.23	1.0	1.0
Ischieto	IS0002_C	7.9	25.1	0.00	112.18	3.17	3.76	1.87	112.18	0.72	19.0	9999.99	15.4	36.2	19.4	0.85	2.23	3.16	1.15	95.99	1.0	1.0
Ischieto	IS0002_D	8.9	25.1	0.00	112.18	3.17	0.94	0.26	112.18	0.04	46.9	1.55	36.2	36.2	37.6	1.09	4.31	4.31	1.42	103.12	1.0	1.0
Ischieto	IS0003_A	14.9	25.1	0.00	112.18	3.11	2.02	1.00	112.18	0.21	22.7	1.63	12.4	12.4	14.6	1.15	1.97	1.97	1.35	101.31	1.0	1.0
Ischieto	IS0003_B	15.9	25.1	0.00	112.18	3.11	3.00	1.00	112.18	0.46	17.4	9999.99	5.6	5.6	13.4	1.70	1.02	1.03	0.94	89.85	1.0	1.0
Ischieto	IS0003_C	23.4	25.1	0.00	112.18	3.31	3.64	1.00	112.18	0.67	18.9	9999.99	5.6	5.6	13.6	1.75	1.08	1.08	0.98	91.04	1.0	1.0
Ischieto	IS0003_D	24.4	25.1	0.00	112.18	3.34	3.30	1.00	112.18	0.55	24.6	1.72	12.4	12.4	14.8	1.21	2.04	2.04	1.38	102.12	1.0	1.0
Ischieto	IS0004__	34.6	25.1	-1.92	112.18	3.72	3.21	1.00	112.18	0.52	31.9	1.92	13.2	16.4	15.2	1.25	2.54	2.63	1.68	108.98	1.0	1.0
Ischieto	IS0004__-01-IS0005_A	57.6	25.1	-2.81	112.18	4.36	3.08	1.00	112.18	0.48	63.4	2.82	13.7	23.4	16.3	1.63	3.87	4.15	2.37	122.36	1.0	1.0
Ischieto	IS0005_A	80.7	25.0	-4.01	112.18	5.01	2.54	0.94	112.18	0.33	111.2	3.75	13.7	26.7	18.2	2.16	5.14	6.36	2.82	125.57	1.0	1.0
Ischieto	IS0005_B	81.7	25.0	0.00	112.18	5.05	2.54	1.00	112.18	0.33	94.5	9999.99	9.0	26.7	32.6	2.79	3.38	4.26	2.00	115.60	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
Ischieto	IS0005_C	94.7	25.0	0.00	112.18	5.50	2.70	1.00	112.18	0.37	99.1	9999.99	9.0	26.7	32.8	2.85	3.47	4.34	2.04	116.27	1.0	1.0
Ischieto	IS0005_D	95.7	25.0	-2.77	112.18	5.53	2.53	1.00	112.18	0.33	116.8	3.82	13.7	26.7	18.4	2.22	5.24	6.46	2.85	126.02	1.0	1.0
Ischieto	IS0006__	121.7	25.1	-7.82	112.17	6.40	3.44	1.00	112.18	0.60	152.2	4.42	13.8	37.1	16.5	2.49	6.09	12.24	3.69	119.00	1.0	1.0
Ischieto	IS0006__-01-IS0007__	149.3	26.5	-6.82	112.17	7.13	2.51	0.68	112.18	0.32	220.3	5.15	15.0	32.8	17.4	2.85	7.70	13.75	4.42	126.44	1.0	1.0
Ischieto	IS0007__	176.9	29.7	-3.60	112.18	7.86	1.23	0.33	112.18	0.08	299.5	5.80	16.2	28.5	18.6	3.19	9.38	14.57	5.05	134.98	1.0	1.0
Verrazzano	VE0001_A	-16.5	15.9	0.00	116.55	2.24	2.60	0.57	116.89	0.34	10.9	2.17	2.8	2.8	7.0	1.08	0.61	0.61	0.87	87.57	1.0	1.0
Verrazzano	VE0001AB	-15.5	15.9	0.00	116.55	2.25	2.51	0.53	116.87	0.32	11.2	2.28	2.8	2.8	7.3	1.13	0.63	0.63	0.87	87.46	1.0	1.0
Verrazzano	VE0001AC	0.0	15.9	0.00	115.68	1.48	3.81	1.00	116.42	0.74	9.3	1.48	2.8	2.8	5.8	0.74	0.42	0.42	0.72	82.26	1.0	1.0
Verrazzano	VE0001_B	0.4	15.9	0.00	115.64	2.01	2.81	0.63	116.04	0.40	10.2	2.01	2.8	2.8	6.8	1.00	0.57	0.57	0.83	86.14	1.0	1.0
Verrazzano	VE0001_C	4.7	15.9	0.00	115.46	1.90	3.07	0.73	115.94	0.48	9.7	1.83	2.8	2.8	6.4	0.92	0.52	0.52	0.81	85.57	1.0	1.0
Verrazzano	VE0001_D	5.7	15.9	0.00	115.11	1.55	3.81	1.00	115.85	0.74	9.3	1.48	2.8	2.8	5.7	0.74	0.42	0.42	0.74	82.90	1.0	1.0
Verrazzano	VE0002__	7.5	15.9	0.00	115.52	1.88	2.29	1.00	115.65	0.27	10.5	1.29	7.9	7.9	9.1	0.79	1.01	1.01	1.11	95.01	1.0	1.0
Verrazzano	VE0003__	14.2	15.8	0.00	114.76	1.68	3.79	1.00	115.49	0.73	9.3	1.46	2.9	2.9	5.5	0.77	0.42	0.42	0.76	83.63	1.0	1.0
Verrazzano	VE0004__	43.2	16.2	0.00	114.40	1.93	3.03	1.00	114.51	0.47	8.4	1.31	5.7	5.7	7.2	0.79	0.74	0.74	1.03	92.59	1.0	1.0
Verrazzano	VE0005_A	69.2	6.4	10.37	114.40	2.63	1.18	0.50	114.42	0.07	13.7	2.48	4.5	6.5	8.8	1.19	1.12	1.12	1.28	83.84	1.0	1.0
Verrazzano	VE0005_B	70.2	6.4	0.00	114.13	2.35	2.53	1.01	114.35	0.33	6.1	9999.99	2.3	6.5	8.0	1.54	0.31	0.56	0.38	65.04	1.0	1.0
Verrazzano	VE0005_C	142.3	6.3	0.00	111.58	1.98	3.90	1.02	111.67	0.78	3.5	9999.99	1.5	3.9	6.2	1.03	0.23	0.33	0.46	70.58	1.0	1.0
Verrazzano	VE0005_D	143.3	6.4	-0.10	111.58	2.30	2.78	1.02	111.58	0.39	4.7	1.37	3.9	3.9	5.6	0.88	0.54	0.54	0.95	82.38	1.0	1.0
Verrazzano	VE0006__	146.2	6.5	-0.41	111.58	2.45	2.78	1.02	111.58	0.39	5.9	1.60	3.9	3.9	6.0	0.95	0.63	0.63	1.05	85.76	1.0	1.0
Verrazzano	VE0007__	159.9	7.1	5.21	111.58	3.32	2.86	1.02	111.58	0.42	15.2	2.48	4.2	4.2	6.0	1.44	1.04	1.04	1.74	88.35	1.0	1.0
Verrazzano	VE0008__	178.8	-12.1	7.89	111.56	3.62	2.88	1.00	111.59	0.42	19.1	3.05	3.6	3.6	5.6	1.65	1.09	1.09	1.96	92.69	1.0	1.0
Verrazzano	VE0009__	201.9	-17.9	6.18	111.57	4.19	2.86	1.01	111.61	0.42	34.5	3.07	6.1	6.1	7.5	1.75	1.88	1.88	2.53	99.07	1.0	1.0
Castiglionchio	CA0049_A	0.0	73.1	0.00	100.87	5.51	1.29	0.44	100.90	0.09	137.7	3.03	23.1	23.1	26.9	1.91	7.00	7.00	2.60	126.10	1.0	1.0
Castiglionchio	CA0048_B	6.6	73.3	0.00	100.79	5.36	2.87	0.68	100.88	0.42	73.6	6.33	21.1	21.3	35.4	1.86	3.84	3.85	1.13	95.56	1.0	1.0
Castiglionchio	CA0047_C	16.4	73.3	0.00	99.57	4.34	6.24	1.00	100.28	1.99	59.1	4.01	13.7	13.7	25.7	1.65	1.96	1.96	0.94	89.75	1.0	1.0
Castiglionchio	CA0046_D	21.3	73.3	0.00	97.77	2.84	4.13	1.00	98.64	0.87	50.1	1.74	10.2	10.2	12.0	1.08	1.77	1.77	1.47	104.19	1.0	1.0
Castiglionchio	CA0045__	67.9	73.3	-1.51	97.41	3.38	3.26	1.00	97.69	0.54	53.4	1.54	21.4	21.4	23.6	1.15	3.13	3.13	1.33	100.56	1.0	1.0
Castiglionchio	CA0044__	91.6	69.8	3.62	97.53	3.81	2.92	1.00	97.59	0.43	78.2	1.63	37.3	37.3	39.8	1.15	6.07	6.07	1.53	105.62	1.0	1.0
Castiglionchio	CA0043_A	110.1	67.1	2.82	97.53	4.29	2.55	1.00	97.58	0.33	97.1	1.93	36.3	41.7	38.3	1.30	6.99	7.17	1.83	111.99	1.0	1.0
Castiglionchio	CA0042_B	120.2	67.0	0.00	96.88	4.25	5.08	1.09	97.38	1.31	50.4	3.76	21.6	21.6	33.0	1.61	2.15	2.15	1.01	92.08	1.0	1.0
Castiglionchio	CA0041_C	258.8	68.7	0.00	93.56	4.08	4.98	1.14	93.81	1.26	50.4	2.53	15.7	15.7	29.3	1.59	2.58	2.58	1.06	93.51	1.0	1.0
Castiglionchio	CA0040_D	264.0	68.6	0.08	92.65	3.53	4.67	1.00	93.51	1.11	47.8	2.22	13.8	17.3	21.3	1.34	1.88	1.88	1.34	101.25	1.0	1.0
Castiglionchio	CA0039__	269.6	67.3	1.34	92.10	3.03	3.11	1.00	92.56	0.49	39.9	1.37	24.1	24.1	26.0	0.90	2.23	2.23	1.03	92.50	1.0	1.0
Castiglionchio	CA0038__	275.8	66.8	0.63	92.01	3.21	3.00	1.00	92.43	0.46	40.7	1.52	24.9	25.4	27.7	1.00	2.33	2.34	1.14	96.44	1.0	1.0
Castiglionchio	CA0037__	288.4	61.4	4.99	92.08	3.53	2.06	0.57	92.28	0.22	44.2	1.61	22.4	34.0	24.3	1.06	3.01	3.73	1.32	100.71	1.0	1.0
Castiglionchio	CA0036__	299.7	46.7	15.10	92.13	3.77	1.47	0.38	92.23	0.11	42.9	1.84	21.1	40.5	23.6	1.15	3.20	4.47	1.36	101.43	1.0	1.0
Castiglionchio	CA0035_A	306.5	40.3	6.69	92.13	3.85	1.46	0.37	92.22	0.11	38.5	2.03	20.9	28.9	24.3	1.20	3.00	3.48	1.31	100.34	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
Castiglionchio	CA0035_B	307.9	40.3	0.00	92.08	3.80	1.65	0.52	92.20	0.14	35.4	9999.99	20.9	28.9	35.6	1.33	2.49	2.92	1.24	98.61	1.0	1.0
Castiglionchio	CA0035_C	312.0	40.1	0.00	92.05	3.77	1.71	0.55	92.18	0.15	34.8	9999.99	20.9	28.9	35.6	1.37	2.43	2.85	1.24	98.60	1.0	1.0
Castiglionchio	CA0034_D	313.0	37.9	2.83	92.08	3.80	1.63	0.35	92.16	0.14	38.8	2.73	19.2	28.5	24.1	1.42	2.93	3.38	1.36	101.75	1.0	1.0
Castiglionchio	CA0033_A	316.7	28.1	9.87	92.12	3.96	1.29	0.31	92.15	0.08	44.2	1.93	22.0	22.0	25.0	1.19	3.71	3.71	1.49	104.66	1.0	1.0
Castiglionchio	CA0032_B	321.3	27.9	0.00	92.07	3.88	1.83	0.42	92.14	0.17	34.5	4.33	13.4	15.0	25.9	1.34	2.51	2.67	0.97	90.78	1.0	1.0
Castiglionchio	CA0031_C	378.7	27.1	0.00	90.20	2.01	4.36	1.01	91.16	0.97	17.7	1.94	3.6	3.6	6.7	0.91	0.62	0.62	0.93	89.69	1.0	1.0
Castiglionchio	CA0030_D	385.1	27.1	0.00	88.39	1.55	3.01	1.01	88.85	0.46	13.4	0.92	9.9	9.9	10.5	0.56	0.91	0.91	0.87	87.13	1.0	1.0
Castiglionchio	CA0029__	397.7	40.7	-9.44	87.71	3.06	2.62	1.00	87.81	0.35	41.8	2.17	13.5	13.5	16.2	1.24	2.93	2.93	1.81	111.75	1.0	1.0
Castiglionchio	CA0028__	426.3	53.7	-13.03	87.63	3.63	1.77	1.00	87.77	0.16	57.7	2.69	11.8	11.8	14.4	1.54	3.17	3.17	2.20	119.27	1.0	1.0
Castiglionchio	CA0027__	443.1	48.9	5.40	87.47	4.02	2.29	0.68	87.73	0.27	46.2	2.62	8.3	12.1	12.3	1.61	2.17	2.67	1.76	110.78	1.0	1.0
Castiglionchio	CA0026__	449.2	48.1	1.94	87.42	3.86	2.80	0.62	87.70	0.40	42.7	2.57	11.9	16.8	17.6	1.52	2.05	2.69	1.17	96.63	1.0	1.0
Castiglionchio	CA0025__	461.3	49.5	-1.72	86.95	3.38	4.17	1.00	87.57	0.88	39.0	3.18	4.2	14.2	9.3	1.67	1.32	2.59	1.43	96.72	1.0	1.0
Castiglionchio	CA0024__	483.5	52.8	-7.10	86.48	3.38	4.27	1.00	87.31	0.93	43.4	3.23	4.1	18.4	9.9	1.65	1.31	2.08	1.32	97.26	1.0	1.0
Castiglionchio	CA0023_A	492.9	43.2	11.50	86.87	3.96	2.24	0.57	87.13	0.26	47.5	3.94	4.9	15.6	11.1	1.95	1.93	3.43	1.74	103.31	1.0	1.0
Castiglionchio	CA0023_B	493.9	43.2	0.00	86.70	3.82	2.75	0.54	87.09	0.38	45.5	9999.99	4.9	20.4	19.4	2.12	1.57	2.92	1.24	98.51	1.0	1.0
Castiglionchio	CA0022_C	505.6	43.2	0.00	86.56	3.81	2.76	0.81	86.95	0.39	44.6	9999.99	4.9	10.0	19.9	2.07	1.57	2.78	1.22	98.15	1.0	1.0
Castiglionchio	CA0021_D	512.7	43.2	0.00	86.48	3.87	2.70	0.51	86.85	0.37	46.2	9999.99	5.2	21.6	20.4	2.14	1.60	2.51	1.32	100.56	1.0	1.0
Castiglionchio	CA0021_E	513.7	42.3	1.00	86.54	3.91	2.18	0.42	86.78	0.24	46.1	3.57	5.4	21.6	11.4	1.89	1.94	2.90	1.70	106.19	1.0	1.0
Castiglionchio	CA0020__	521.4	46.7	-4.69	85.95	3.27	3.86	1.00	86.69	0.76	37.6	2.99	4.1	14.7	10.4	1.59	1.23	1.36	1.21	97.88	1.0	1.0
Castiglionchio	CA0019__	536.9	48.1	-1.65	85.96	3.72	3.29	0.65	86.48	0.55	41.4	2.85	5.7	5.7	12.6	1.70	1.51	1.51	1.20	97.60	1.0	1.0
Castiglionchio	CA0018__	552.1	48.1	0.00	85.84	3.78	3.34	0.69	86.35	0.57	40.9	2.76	5.5	5.5	12.0	1.68	1.51	1.51	1.26	98.96	1.0	1.0
Castiglionchio	CA0017__	564.3	48.0	0.32	85.92	3.89	2.61	0.50	86.23	0.35	46.2	2.94	6.5	9.9	13.7	1.77	1.92	2.09	1.40	102.56	1.0	1.0
Castiglionchio	CA0016__	579.1	46.6	2.39	85.75	4.05	2.89	0.56	86.15	0.43	41.9	2.81	5.9	5.9	12.7	1.73	1.65	1.68	1.30	99.13	1.0	1.0
Castiglionchio	CA0015__	598.7	42.7	5.26	85.76	4.48	2.27	0.41	86.03	0.26	46.0	3.27	5.7	13.8	13.1	1.92	1.88	2.37	1.44	102.29	1.0	1.0
Castiglionchio	CA0014__	601.7	42.6	0.34	85.55	3.62	2.95	1.00	86.00	0.44	35.7	2.78	5.2	5.2	11.4	1.58	1.45	1.45	1.27	99.31	1.0	1.0
Castiglionchio	CA0013__	607.8	39.8	3.14	85.75	4.71	1.78	0.30	85.91	0.16	55.0	3.73	6.0	6.5	13.9	2.14	2.24	2.50	1.61	104.09	1.0	1.0
Castiglionchio	CA0012__	621.9	39.7	0.00	85.40	3.72	3.00	0.63	85.83	0.46	34.0	2.61	5.2	5.2	11.9	1.63	1.37	1.37	1.14	95.96	1.0	1.0
Castiglionchio	CA0011__	630.0	39.7	0.00	84.42	2.79	4.87	1.02	85.63	1.21	30.0	2.39	3.4	3.4	8.4	1.26	0.82	0.82	0.97	90.72	1.0	1.0
Castiglionchio	CA0010_A	638.6	39.7	0.00	83.98	3.68	4.86	1.02	84.54	1.20	32.9	2.75	4.8	4.9	11.5	1.62	1.20	1.20	1.04	92.93	1.0	1.0
Castiglionchio	CA0010_B	639.1	39.7	0.00	83.45	3.15	4.86	1.02	84.41	1.20	31.3	9999.99	3.4	3.4	12.3	1.52	0.91	0.91	1.00	91.70	1.0	1.0
Castiglionchio	CA0010_C	639.6	39.7	0.00	83.06	2.76	4.89	1.02	84.28	1.22	30.2	2.41	3.4	3.4	8.3	1.28	0.81	0.81	0.97	90.97	1.0	1.0
Castiglionchio	CA0010_D	640.1	39.7	0.00	83.01	2.73	4.86	1.02	84.21	1.20	29.9	2.38	3.4	3.4	8.3	1.25	0.82	0.82	0.99	91.45	1.0	1.0
Castiglionchio	CA0009__	642.0	39.7	0.00	82.91	2.63	4.80	1.02	84.09	1.17	29.6	2.32	3.6	3.6	8.2	1.22	0.83	0.83	1.00	91.85	1.0	1.0
Castiglionchio	CA0008__	649.0	44.0	-6.21	82.49	3.26	4.87	1.01	83.24	1.21	35.2	2.99	3.8	3.8	9.8	1.56	1.15	1.15	1.17	96.79	1.0	1.0
Castiglionchio	CA0007__	672.9	44.2	-0.02	82.71	3.27	3.92	1.01	82.96	0.78	41.5	3.06	6.5	9.2	12.0	1.59	1.99	2.04	1.65	108.41	1.0	1.0
Castiglionchio	CA0006__	686.4	54.1	-11.39	82.54	4.62	3.59	1.00	82.92	0.66	56.9	3.96	5.0	14.2	11.2	2.10	2.00	3.03	1.77	105.56	1.0	1.0
Castiglionchio	CA0005__	716.6	50.8	5.62	82.74	5.70	1.20	0.21	82.80	0.07	128.7	5.29	8.7	11.1	18.0	2.69	4.58	4.85	2.55	122.99	1.0	1.0
Castiglionchio	CA0004_A	724.2	50.7	1.46	82.74	5.70	1.22	0.21	82.80	0.08	128.4	5.29	8.7	11.1	18.0	2.69	4.58	4.85	2.55	122.98	1.0	1.0
Castiglionchio	CA0004_B	725.2	50.7	0.00	82.54	5.50	2.33	0.42	82.75	0.28	99.0	9999.99	8.3	11.1	29.2	3.66	2.42	2.66	1.36	101.58	1.0	1.0
Castiglionchio	CA0003_C	734.0	50.7	0.00	82.46	5.43	2.33	0.40	82.69	0.28	96.3	9999.99	8.3	11.1	29.2	3.63	2.36	2.57	1.36	101.58	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
Castiglionchio	CA0003_D	734.5	50.8	0.35	82.53	5.10	1.97	1.00	82.61	0.20	101.4	4.61	8.6	9.1	13.6	2.41	3.94	3.94	2.91	111.26	1.0	1.0
Castiglionchio	CA0002__	744.6	67.4	-23.80	81.50	4.60	5.70	1.01	82.34	1.66	59.6	4.55	3.7	5.9	11.3	2.12	1.66	1.66	1.47	93.56	1.0	1.0
Castiglionchio	CA0002__-01-CA0001__	790.3	81.1	-17.71	81.50	5.61	4.88	1.02	81.50	1.21	72.3	4.32	6.8	7.6	11.9	2.44	2.96	2.96	2.48	106.94	1.0	1.0
Castiglionchio	CA0002__-02-CA0001__	836.0	82.8	7.70	81.50	6.61	4.62	1.02	81.50	1.09	128.5	5.15	8.8	9.3	13.0	2.84	4.52	4.52	3.49	118.58	1.0	1.0
Castiglionchio	CA0002__-03-CA0001__	881.6	82.2	-6.01	81.50	7.61	4.45	1.02	81.50	1.01	207.9	5.94	10.7	10.9	14.2	3.27	6.35	6.35	4.49	128.02	1.0	1.0
Castiglionchio	CA0001__	927.3	81.8	0.00	81.50	8.62	4.35	1.01	81.50	0.97	313.9	6.71	12.6	12.6	15.4	3.71	8.45	8.45	5.48	136.11	1.0	1.0

Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s
	[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]
SF040__	343.81	SF146__	-88.57	SF664__	134.44	SF379__	34.46	SF1051__	1.86	SF1118__	-5.57	SF3060__	1.11	SF3127__	-1.37	SF3194__	3.95
SF043__	0.00	SF147__	65.13	SF665__	107.87	SF380__	-15.25	SF1052__	6.37	SF1119__	-23.88	SF3061__	1.73	SF3128__	-1.29	SF3195__	3.95
SF044__	147.55	SF148__	0.00	SF666__	24.91	SF381__	10.31	SF1053__	2.59	SF632__	3.87	SF3062__	4.93	SF3129__	-2.08	SF3196__	1.76
SF045__	355.43	SF149__	-77.76	SF667__	0.00	SF382__	-4.40	SF1054__	16.00	SF634__	0.00	SF3063__	4.94	SF3130__	-1.80	SF3197__	3.83
SF046__	-190.4	SF150__	-319.9	SF668__	0.00	SF383__	-27.20	SF1055__	-2.72	SF635__	0.00	SF3064__	0.00	SF3131__	-1.83	SF3198__	-0.05
SF047__	75.91	SF151__	323.96	SF669__	583.68	SF384__	-2.12	SF1056__	15.41	SF637__	0.00	SF3065__	0.00	SF3132__	0.07	SF3199__	-0.05
SF048__	580.27	SF152__	0.00	SF670__	125.47	SF385__	19.07	SF1057__	-4.39	SF641__	0.00	SF3066__	-9.44	SF3133__	0.07	SF3200__	6.23
SF049__	0.00	SF153__	0.00	SF671__	59.57	SF386__	6.00	SF1058__	12.32	SF3001__	0.00	SF3067__	0.00	SF3134__	0.63	SF3201__	4.15
SF050__	0.00	SF154__	0.00	SF672__	34.04	SF387__	15.36	SF1059__	9.64	SF3002__	102.25	SF3068__	-13.03	SF3135__	0.68	SF3202__	0.00
SF051__	0.00	SF155__	0.00	SF673__	51.06	SF388__	1.66	SF1060__	15.66	SF3003__	0.00	SF3069__	0.00	SF3136__	2.93	SF3203__	0.00
SF052__	-231.4	SF156__	0.00	SF674__	51.06	SF389__	-0.85	SF1061__	8.09	SF3004__	71.30	SF3070__	5.40	SF3137__	2.61	SF3204__	0.00
SF053__	0.00	SF157__	0.00	SF675__	68.08	SF390__	3.36	SF1062__	-21.84	SF3005__	0.00	SF3071__	0.00	SF3138__	0.60	SF3205__	0.00
SF054__	-65.21	SF365__	0.00	SF676__	68.08	SF391__	-9.17	SF1063__	3.37	SF3006__	0.00	SF3072__	1.94	SF3139__	0.00	SF3206__	0.00
SF055__	69.05	SF366__	-134.6	SF677__	76.59	SF392__	23.09	SF1064__	-18.94	SF3007__	0.00	SF3073__	0.00	SF3104__	5.02	SF3207__	0.00
SF056__	0.00	SF367__	51.97	SF678__	12.89	SF393__	23.76	SF1065__	5.05	SF3008__	0.00	SF3074__	-1.72	SF3141__	2.35	SF3208__	0.00
SF057__	549.04	SF368__	0.00	SF679__	17.99	SF394__	-51.98	SF1066__	-20.38	SF3009__	0.00	SF3075__	0.00	SF3142__	-0.03	SF3209__	0.00
SF058__	315.95	SF369__	69.05	SF680__	0.00	SF399__	-10.47	SF1067__	4.43	SF3009__	0.00	SF3076__	1.22	SF3143__	0.00	SF3210__	-0.21
SF059__	0.00	SF370__	44.05	SF681__	0.00	SF400__	68.95	SF1068__	-21.95	SF3010__	0.00	SF3077__	-5.94	SF3144__	-0.55	SF3211__	-0.21
SF060__	0.00	SF371__	0.00	SF682__	0.00	SF1002__	20.11	SF1069__	3.81	SF3011__	5.06	SF3078__	5.36	SF3145__	-0.55	SF3212__	0.00
SF061__	242.10	SF372__	0.00	SF683__	0.00	SF1003__	77.79	SF1070__	-23.48	SF3012__	0.99	SF3079__	6.14	SF3146__	-0.03	SF3213__	0.00
SF071__	-600.7	SF373__	31.37	SF684__	0.00	SF1004__	95.78	SF1071__	2.89	SF3013__	-5.98	SF3080__	-2.35	SF3147__	-0.03	SF3214__	0.00
SF072__	215.43	SF395__	58.05	SF685__	0.00	SF1005__	74.80	SF1072__	-25.46	SF3014__	-1.78	SF3081__	-2.35	SF3148__	0.00	SF3215__	0.00
SF099__	-519.7	SF396__	-8.29	SF690__	0.00	SF1006__	-16.21	SF1073__	2.16	SF3015__	-9.18	SF3082__	0.00	SF3149__	0.00	SF3216__	0.00
SF100__	-285.3	SF397__	-130.1	SF691__	68.91	SF1007__	69.81	SF1074__	10.51	SF3016__	0.00	SF3083__	-1.65	SF3150__	0.00	SF3217__	0.00
SF101__	-40.71	SF398__	-173.7	SF692__	0.00	SF1008__	-15.28	SF1075__	-2.88	SF3017__	-8.14	SF3084__	0.00	SF3151__	0.00	SF3218__	-7.52
SF102__	-344.4	SF401__	43.43	SF693__	0.00	SF1009__	64.54	SF1076__	6.24	SF3018__	0.00	SF3085__	0.00	SF3152__	0.00	SF3219__	-10.97
SF104__	-234.0	SF402__	-86.16	SF694__	0.00	SF1010__	-16.70	SF1077__	-5.21	SF3019__	-19.40	SF3086__	0.14	SF3153__	0.00	SF3220__	3.85
SF105__	0.00	SF403__	-30.29	SF695__	0.00	SF1011__	59.68	SF1078__	7.22	SF3020__	0.00	SF3087__	0.18	SF3154__	0.00	SF3221__	3.85
SF106__	0.00	SF404__	58.92	SF696__	0.00	SF1012__	-20.59	SF1079__	-5.34	SF3021__	-1.21	SF3088__	0.06	SF3155__	0.00	SF3222__	0.21
SF107__	-370.6	SF405__	208.53	SF697__	20.98	SF1013__	54.70	SF1080__	8.57	SF3022__	0.00	SF3089__	2.39	SF3156__	0.00	SF3223__	-6.01
SF108__	258.01	SF406__	121.35	SF698__	0.00	SF1014__	-25.66	SF1081__	-2.58	SF3023__	0.00	SF3090__	0.23	SF3157__	-1.92	SF3224__	-2.81
SF109__	-263.6	SF407__	192.26	SF699__	1.34	SF1015__	49.55	SF1082__	8.39	SF3024__	0.00	SF3091__	5.25	SF3158__	-1.47	SF3225__	0.00
SF110__	56.48	SF408__	0.00	SF700__	0.00	SF1016__	-24.37	SF1083__	5.19	SF3025__	0.00	SF3092__	0.00	SF3159__	-1.30	SF3226__	-3.36
SF111__	0.00	SF412__	0.00	SF701__	0.00	SF1017__	43.46	SF1084__	6.63	SF3026__	0.00	SF3093__	0.34	SF3160__	-3.78	SF3227__	-3.46
SF112__	-11.08	SF413__	0.00	SF702__	0.00	SF1018__	-31.12	SF1085__	-4.60	SF3027__	0.00	SF3094__	1.38	SF3161__	-4.05	SF3228__	-0.25
SF113__	0.00	SF414__	-190.0	SF703__	-17.51	SF1019__	36.65	SF1086__	24.43	SF3028__	0.00	SF3095__	1.76	SF3162__	-1.97	SF3229__	-0.26
SF114__	10.99	SF415__	-133.4	SF704__	-62.98	SF1020__	-40.23	SF1087__	-4.50	SF3029__	0.00	SF3096__	0.00	SF3163__	-2.04	SF3230__	-0.93

Sfiatore	s	Sfiatore	s	Sfiatore	s	Sfiatore	s	Sfiatore	s	Sfiatore	s	Sfiatore	s	Sfiatore	s	Sfiatore	s
	[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]
SF115__	0.00	SF618__	0.00	SF705__	-39.79	SF1021__	30.06	SF1088__	27.08	SF3030__	0.00	SF3097__	0.00	SF3164__	-1.83	SF3231__	-1.26
SF116__	0.00	SF619__	1.30	SF706__	-26.85	SF1022__	11.83	SF1089__	-5.08	SF3031__	0.00	SF3098__	0.00	SF3165__	-1.77	SF3232__	20.65
SF117__	-265.1	SF620__	0.00	SF707__	0.00	SF1023__	0.00	SF1090__	29.23	SF3032__	0.00	SF3099__	0.00	SF3166__	0.00	SF3233__	0.00
SF118__	-5.04	SF621__	0.31	SF708__	0.00	SF1024__	6.74	SF1091__	-7.87	SF3033__	0.00	SF3100__	0.00	SF3167__	0.00	SF3234__	14.23
SF119__	0.00	SF622__	0.00	SF709__	0.00	SF1025__	0.00	SF1092__	31.33	SF3034__	0.00	SF3101__	0.00	SF3168__	0.00	SF3235__	-13.80
SF120__	626.13	SF623__	1.09	SF717__	1.13	SF1026__	2.43	SF1093__	-9.72	SF3035__	-0.68	SF3102__	0.00	SF3169__	0.00	SF3236__	0.00
SF121__	-923.3	SF624__	0.41	SF766__	29.68	SF1027__	4.96	SF1094__	34.15	SF3036__	0.00	SF3103__	0.00	SF3170__	-5.53	SF3237__	0.00
SF122__	0.00	SF625__	12.59	SF767__	6.38	SF1028__	-4.21	SF1095__	-12.73	SF3037__	-18.28	SF3104__	-6.21	SF3171__	-5.53	SF3238__	0.00
SF123__	0.00	SF642__	47.39	SF769__	35.82	SF1029__	14.13	SF1096__	-17.44	SF3038__	0.00	SF3105__	0.00	SF3172__	-1.94	SF3239__	0.00
SF124__	-2.39	SF643__	0.00	SF770__	9.14	SF1030__	-7.49	SF1097__	-14.47	SF3039__	0.00	SF3106__	-0.01	SF3173__	-1.94	SF3240__	0.00
SF125__	10.70	SF644__	249.55	SF771__	-1.99	SF1031__	12.92	SF1098__	-25.65	SF3040__	0.00	SF3107__	-0.01	SF3174__	0.72	SF3241__	0.00
SF126__	0.00	SF645__	0.00	SF772__	-0.42	SF1032__	-14.25	SF1099__	-22.32	SF3041__	0.00	SF3108__	-4.59	SF3175__	0.72	SF3242__	0.00
SF127__	0.00	SF646__	0.00	SF773__	-0.42	SF1033__	22.19	SF1100__	-34.39	SF3042__	-1.51	SF3109__	-6.80	SF3176__	0.57	SF3243__	0.00
SF128__	0.00	SF647__	0.00	SF776__	0.00	SF1034__	-21.07	SF1101__	-25.38	SF3043__	0.00	SF3110__	2.82	SF3177__	0.57	SF3244__	0.00
SF129__	0.00	SF648__	0.00	SF777__	0.00	SF1035__	22.74	SF1102__	-37.83	SF3044__	3.62	SF3111__	2.79	SF3178__	0.75	SF3245__	0.00
SF130__	4.23	SF649__	0.00	SF778__	0.00	SF1036__	-31.27	SF1103__	-3.40	SF3045__	0.00	SF3112__	0.87	SF3179__	0.75	SF3246__	0.00
SF131__	0.00	SF650__	0.00	SF779__	0.00	SF1037__	18.28	SF1104__	-33.91	SF3046__	2.82	SF3113__	0.62	SF3180__	130.94	SF3247__	0.00
SF132__	0.00	SF651__	0.00	SF780__	0.00	SF1038__	13.38	SF1105__	-2.01	SF3047__	0.00	SF3114__	0.22	SF3181__	-6.96	SF3248__	0.00
SF133__	0.00	SF652__	0.00	SF782__	4.92	SF1039__	15.73	SF1106__	-58.93	SF3048__	0.03	SF3115__	0.13	SF3182__	22.64	SF3249__	0.00
SF134__	387.13	SF653__	0.00	SF783__	-5.26	SF1040__	7.73	SF1107__	12.63	SF3049__	0.05	SF3116__	-11.90	SF3183__	0.00	SF3250__	0.00
SF135__	0.00	SF654__	0.00	SF784__	9.51	SF1041__	11.57	SF1108__	-62.65	SF3050__	1.13	SF3117__	-11.90	SF3184__	28.83	SF3251__	0.00
SF136__	265.09	SF655__	0.00	SF785__	-8.98	SF1042__	3.71	SF1109__	11.31	SF3051__	0.32	SF3118__	0.78	SF3185__	0.00	SF3252__	0.00
SF137__	0.00	SF656__	0.00	SF786__	-18.57	SF1043__	10.16	SF1110__	-65.29	SF3052__	0.25	SF3119__	0.26	SF3186__	27.06	SF3253__	0.00
SF138__	0.00	SF657__	0.00	SF787__	-28.61	SF1044__	-1.53	SF1111__	10.29	SF3053__	0.46	SF3120__	0.00	SF3187__	-0.69	SF3254__	0.00
SF139__	489.07	SF658__	0.00	SF788__	-22.80	SF1045__	2.81	SF1112__	-67.59	SF3054__	2.40	SF3121__	0.00	SF3188__	28.43	SF3255__	0.00
SF140__	0.00	SF659__	0.00	SF374__	-55.51	SF1046__	-2.25	SF1113__	9.82	SF3055__	2.59	SF3122__	0.04	SF3189__	-8.74	-	-
SF142__	0.00	SF660__	67.14	SF375__	-66.58	SF1047__	2.11	SF1114__	-68.05	SF3056__	7.55	SF3123__	-0.08	SF3190__	41.35	-	-
SF143__	0.00	SF661__	86.62	SF376__	10.35	SF1048__	-3.04	SF1115__	9.85	SF3057__	7.55	SF3124__	-0.60	SF3191__	8.32	-	-
SF144__	0.00	SF662__	67.14	SF377__	-54.98	SF1049__	1.64	SF1116__	2.50	SF3058__	3.58	SF3125__	-0.61	SF3192__	3.09	-	-
SF145__	0.00	SF663__	100.70	SF378__	1.60	SF1050__	-3.45	SF1117__	-1.36	SF3059__	3.12	SF3126__	-1.09	SF3193__	3.09	-	-

Cassa	H [m]	V [m³]	s [m³/s]
V2-001	113.93	249972.7	16.86
V2-002-01	114.02	688615.6	42.36
V2-002-02	114.02	31039.2	2.47
V2-003	112.96	983024.5	-48.09
V2-005	114.11	0.0	0.00
V2-007-01	116.01	0.0	0.00
V2-007-02	114.92	0.0	0.00
V2-008	86.45	173664.2	47.12
V2-011	100.75	0.0	0.00
V2-012-01	79.20	302354.1	80.87
V2-015	99.43	0.0	0.00
V2-017	89.56	0.0	0.00
V2-019	85.41	255015.1	90.38
V2-021-01	80.91	37238.4	-163.95
V2-021-02	80.17	0.0	0.00
V2-022-01	108.47	44567.6	11.93
V2-022-02	110.55	23346.8	14.21
V2-023	112.54	2044043.0	88.71
V2-025-01	111.98	1802963.0	219.73
V2-025-02	112.30	1331238.0	131.19
V3-003-01	74.63	59749.2	20.98
V3-003-02	74.85	134862.0	44.74
V3-003-03	78.14	136606.8	46.51
V3-003-04	74.84	5741.5	1.34
V3-003-05	78.04	0.0	0.00
V3-004	73.32	109403.4	-50.48
V3-005-01	70.83	92477.0	45.30
V3-005-02	71.70	49055.9	11.41
V3-005-03	72.64	64162.2	46.65
V3-006-02	70.65	111861.0	-39.50
V2_01	3.55	1107227.0	62.72
V2-012-02	1.93	36552.7	-15.28

## STATO ATTUALE

Tabulati verifiche idrauliche  $T_r = 200$  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
Arno_01	ARB0750__	-141006.8	2501.0	0.00	115.79	11.64	2.41	0.28	116.08	0.30	5615.5	7.61	136.8	136.8	142.3	4.81	104.04	104.04	7.31	113.94	1.0	1.0
Arno_01	ARB07492__	-140896.3	2501.0	0.00	115.75	10.80	2.23	0.33	116.01	0.25	5604.6	8.21	137.1	137.1	143.4	4.48	112.48	112.48	7.84	116.64	1.0	1.0
Arno_01	ARB07491__	-140868.1	2500.9	0.00	115.75	10.59	2.18	0.28	115.99	0.24	5798.6	8.37	137.5	137.5	143.8	4.56	115.07	115.07	8.00	117.43	1.0	1.0
Arno_01	ARB0749__	-140784.8	2500.3	0.00	115.42	11.51	3.11	0.35	115.91	0.49	4705.5	8.03	100.5	104.5	106.2	4.85	80.70	80.90	7.60	115.39	1.0	1.0
Arno_01	ARB0748__	-140724.3	2500.3	0.00	115.34	10.69	3.14	0.36	115.84	0.50	4451.5	8.38	95.4	101.2	102.4	4.57	79.93	80.80	7.81	116.47	1.0	1.0
Arno_01	ARB0747__	-140598.6	2500.3	0.00	114.93	12.04	3.78	0.42	115.64	0.73	4299.0	8.35	81.8	84.0	91.2	5.03	66.55	66.55	7.64	115.63	1.0	1.0
Arno_01	ARB0746__	-140349.7	2361.8	194.40	114.83	11.25	2.94	0.32	115.27	0.44	4553.9	8.83	91.2	91.2	95.9	4.79	80.49	80.49	8.40	119.33	1.0	1.0
Arno_01	ARB0745__	-139985.1	1919.3	443.83	114.83	11.24	1.79	0.24	114.99	0.16	5636.6	7.83	137.6	137.6	141.2	4.91	107.84	107.84	7.64	108.10	1.0	1.0
Arno_01	ARB0744__	-139695.5	1932.4	61.39	114.56	11.62	2.36	0.28	114.84	0.28	4759.3	9.09	90.6	96.1	100.4	5.22	82.35	82.35	8.20	112.35	1.0	1.0
Arno_01	ARB0743__	-139520.9	2012.5	-114.40	114.46	11.99	2.37	0.25	114.74	0.29	5156.6	9.52	90.0	90.0	94.8	5.46	85.68	85.68	9.04	116.10	1.0	1.0
Arno_01	ARB0742A__	-139289.9	2247.5	-308.81	114.25	12.32	2.69	0.29	114.59	0.37	5207.4	9.56	89.4	89.4	93.8	5.41	85.46	85.46	9.11	112.96	1.0	1.0
Arno_01	ARB0742B__	-139283.8	2247.5	0.00	114.05	12.12	3.15	0.30	114.54	0.50	4788.2	9999.99	87.0	87.0	222.7	5.73	71.41	71.41	5.25	102.07	1.0	1.0
Arno_01	ARB0742C__	-139272.0	2247.5	0.00	114.01	12.08	3.15	0.31	114.50	0.50	4762.1	9999.99	87.0	87.0	222.7	5.68	71.41	71.41	5.25	102.03	1.0	1.0
Arno_01	ARB0742D__	-139267.0	2219.0	59.77	114.08	12.14	2.70	0.30	114.42	0.37	5047.8	9.38	89.4	89.4	93.8	5.32	83.90	83.90	8.94	112.55	1.0	1.0
Arno_01	ARB0742__	-139236.4	2218.1	0.00	114.05	12.37	2.71	0.29	114.40	0.37	5190.9	9.52	87.7	87.7	92.8	5.52	83.49	83.49	9.00	114.44	1.0	1.0
Arno_02	ARB0742__	-139236.4	2090.6	107.97	114.05	12.37	2.55	0.28	114.37	0.33	5132.3	9.52	87.7	87.7	92.8	5.52	83.49	83.49	9.00	114.44	1.0	1.0
Arno_02	ARB0742__-01-ARB0741__	-139190.0	2016.1	89.07	114.03	12.16	2.49	0.27	114.34	0.32	4964.6	9.82	83.8	88.3	93.1	5.43	82.26	82.26	8.83	113.44	1.0	1.0
Arno_02	ARB0742__-02-ARB0741__	-139143.6	1948.8	98.80	114.02	11.95	2.44	0.27	114.31	0.30	4802.6	9.38	86.4	89.0	93.5	5.34	81.00	81.00	8.66	112.39	1.0	1.0
Arno_02	ARB0742__-03-ARB0741__	-139097.1	1886.9	72.07	114.00	11.74	2.40	0.27	114.28	0.29	4630.5	8.89	89.6	89.6	94.0	5.24	79.67	79.67	8.48	111.67	1.0	1.0
Arno_02	ARB0742__-04-ARB0741__	-139050.7	1830.5	65.57	113.98	11.52	2.37	0.27	114.26	0.29	4462.6	8.68	90.3	90.3	94.5	5.14	78.33	78.33	8.29	110.94	1.0	1.0
Arno_02	ARB0742__-05-ARB0741__	-139004.3	1779.6	60.09	113.96	11.31	2.34	0.27	114.23	0.28	4297.1	8.46	90.9	90.9	95.0	5.04	76.93	76.93	8.10	110.18	1.0	1.0
Arno_02	ARB0742__-06-ARB0741__	-138957.9	1735.0	54.58	113.94	11.09	2.32	0.27	114.20	0.28	4134.9	8.24	91.6	91.6	95.6	4.94	75.48	75.48	7.90	109.39	1.0	1.0
Arno_02	ARB0742__-07-ARB0741__	-138911.5	1697.3	48.70	113.91	10.87	2.32	0.28	114.18	0.27	3976.1	8.02	92.2	92.2	96.2	4.84	73.98	73.98	7.69	108.58	1.0	1.0
Arno_02	ARB0742__-08-ARB0741__	-138865.0	1668.2	41.42	113.87	10.65	2.32	0.28	114.15	0.28	3816.2	7.79	92.9	92.9	96.8	4.73	72.36	72.36	7.48	107.72	1.0	1.0
Arno_02	ARB0742__-09-ARB0741__	-138818.6	1648.9	35.72	113.84	10.42	2.35	0.30	114.12	0.28	3664.2	7.56	93.5	93.5	97.4	4.63	70.71	70.71	7.26	106.83	1.0	1.0
Arno_02	ARB0742__-10-ARB0741__	-138772.2	1644.0	32.95	113.79	10.18	2.40	0.32	114.08	0.29	3512.6	7.32	94.2	94.2	98.1	4.52	68.90	68.90	7.02	105.90	1.0	1.0
Arno_02	ARB0741__	-138725.7	1662.2	-34.63	113.73	9.92	2.50	0.33	114.04	0.32	3363.7	7.05	94.8	94.8	99.0	4.40	66.86	66.86	6.75	104.82	1.0	1.0
Arno_02	ARB0741__-01-ARB0740__	-138681.5	1654.9	12.17	113.69	9.79	2.51	0.34	114.00	0.32	3299.4	7.03	94.3	94.3	98.1	4.34	66.28	66.28	6.75	105.17	1.0	1.0
Arno_02	ARB0741__-02-ARB0740__	-138637.4	1651.4	6.99	113.64	9.67	2.53	0.34	113.96	0.33	3236.8	7.00	93.8	93.8	97.5	4.29	65.65	65.65	6.73	105.39	1.0	1.0
Arno_02	ARB0741__-03-ARB0740__	-138593.2	1639.8	11.70	113.60	9.55	2.54	0.35	113.93	0.33	3173.8	6.97	93.3	93.3	97.0	4.23	65.04	65.04	6.71	105.58	1.0	1.0
Arno_02	ARB0741__-04-ARB0740__	-138549.0	1627.2	15.48	113.56	9.43	2.55	0.36	113.89	0.33	3107.7	6.94	92.7	92.7	96.6	4.18	64.37	64.37	6.67	105.70	1.0	1.0
Arno_02	ARB0741__-05-ARB0740__	-138504.8	1621.2	11.91	113.51	9.29	2.58	0.38	113.84	0.34	3042.1	6.90	92.2	92.2	96.3	4.12	63.63	63.63	6.61	105.73	1.0	1.0
Arno_02	ARB0740__	-138460.7	1598.5	26.21	113.47	9.17	2.65	0.39	113.80	0.36	2975.4	6.87	91.7	91.7	96.4	4.07	62.95	62.95	6.53	105.64	1.0	1.0
Arno_02	ARB0740__-01-ARB0739__	-138412.8	1589.3	11.65	113.43	9.23	2.69	0.40	113.76	0.37	2964.3	6.86	91.1	91.1	95.0	4.09	62.49	62.49	6.58	105.60	1.0	1.0
Arno_02	ARB0740__-02-ARB0739__	-138365.0	1583.6	16.19	113.38	9.28	2.75	0.40	113.71	0.38	2945.6	6.85	90.5	90.5	93.9	4.09	61.98	61.98	6.60	105.87	1.0	1.0
Arno_02	ARB0740__-03-ARB0739__	-138317.1	1593.0	-14.86	113.32	9.33	2.80	0.41	113.67	0.40	2932.7	6.83	89.9	89.9	93.0	4.09	61.44	61.44	6.61	106.07	1.0	1.0
Arno_02	ARB0740__-04-ARB0739__	-138269.3	1567.3	30.67	113.28	9.39	2.86	0.43	113.62	0.42	2908.1	6.83	89.3	89.3	92.2	4.09	61.00	61.00	6.62	106.25	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
Arno_02	ARB0740__-05-ARB0739__	-138221.4	1551.5	20.64	113.24	9.45	2.92	0.44	113.57	0.44	2886.1	6.82	88.7	88.7	91.5	4.10	60.51	60.51	6.61	106.38	1.0	1.0
Arno_02	ARB0740__-06-ARB0739__	-138173.5	1543.2	13.30	113.19	9.51	3.00	0.45	113.53	0.46	2867.1	6.81	88.1	88.1	90.8	4.10	60.00	60.00	6.60	106.47	1.0	1.0
Arno_02	ARB0739__	-138125.7	1550.5	3.27	113.13	9.55	3.20	0.49	113.48	0.52	2850.5	7.05	84.3	87.5	90.3	4.10	59.40	59.40	6.58	106.49	1.0	1.0
Arno_02	ARB0739__-01-ARB0738__	-138081.5	1550.7	2.67	113.12	9.69	3.05	0.47	113.43	0.47	3021.7	7.24	86.9	89.6	92.2	4.18	62.93	62.93	6.83	106.26	1.0	1.0
Arno_02	ARB0739__-02-ARB0738__	-138037.3	1551.2	-2.38	113.12	9.83	2.90	0.44	113.39	0.43	3205.9	7.43	89.5	91.6	94.1	4.27	66.48	66.48	7.07	105.94	1.0	1.0
Arno_02	ARB0739__-03-ARB0738__	-137993.1	1552.5	-3.00	113.11	9.97	2.75	0.42	113.36	0.39	3399.4	7.60	92.1	93.7	96.0	4.35	70.01	70.01	7.29	105.50	1.0	1.0
Arno_02	ARB0739__-04-ARB0738__	-137949.0	1555.0	-3.62	113.10	10.11	2.61	0.41	113.33	0.35	3607.7	7.68	95.7	95.7	98.0	4.45	73.57	73.57	7.50	104.94	1.0	1.0
Arno_02	ARB0739__-05-ARB0738__	-137904.8	1557.8	7.09	113.09	10.25	2.46	0.39	113.30	0.31	3828.0	7.89	97.8	97.8	100.1	4.55	77.13	77.13	7.70	104.26	1.0	1.0
Arno_02	ARB0738__	-137860.6	1561.8	14.09	113.08	10.38	2.32	0.36	113.28	0.27	4061.1	8.08	99.8	99.8	102.3	4.65	80.68	80.68	7.88	103.44	1.0	1.0
Arno_02	ARB0738__-01-ARB0737__	-137811.8	1561.7	0.00	113.06	10.60	2.27	0.35	113.25	0.26	4174.0	8.33	97.0	97.0	99.6	4.78	80.82	80.82	8.12	104.76	1.0	1.0
Arno_03	ARB0738__-01-ARB0737__	-137811.8	1568.5	15.54	113.06	10.60	2.26	0.34	113.25	0.26	4176.7	8.33	97.0	97.0	99.6	4.78	80.82	80.82	8.12	104.76	1.0	1.0
Arno_03	ARB0738__-02-ARB0737__	-137762.9	1578.2	15.52	113.04	10.82	2.17	0.32	113.24	0.24	4282.6	8.60	94.1	94.1	97.0	4.90	80.92	80.92	8.34	106.39	1.0	1.0
Arno_03	ARB0738__-03-ARB0737__	-137714.1	1590.7	-13.56	113.02	11.04	2.10	0.30	113.21	0.22	4383.7	8.87	91.3	91.3	94.4	5.02	80.97	80.97	8.57	108.01	1.0	1.0
Arno_03	ARB0738__-04-ARB0737__	-137665.2	1607.4	-17.10	112.99	11.25	2.03	0.29	113.19	0.21	4485.5	9.16	88.4	88.4	91.9	5.14	81.01	81.01	8.81	109.63	1.0	1.0
Arno_03	ARB0737__	-137616.4	1628.8	-21.41	112.97	11.47	2.01	0.27	113.17	0.21	4597.8	9.50	85.6	85.6	90.2	5.25	81.27	81.27	9.01	111.12	1.0	1.0
Arno_03	ARB0737__-01-ARB0736__	-137569.0	1651.8	-22.92	112.96	11.44	1.96	0.27	113.16	0.20	4711.1	9.32	90.6	90.6	94.5	5.19	84.49	84.49	8.94	110.59	1.0	1.0
Arno_03	ARB0737__-02-ARB0736__	-137521.6	1676.3	-24.81	112.95	11.41	1.91	0.26	113.14	0.19	4827.8	9.16	95.8	95.8	99.2	5.13	87.76	87.76	8.84	109.89	1.0	1.0
Arno_03	ARB0737__-03-ARB0736__	-137474.1	1702.7	-27.50	112.94	11.38	1.87	0.26	113.12	0.18	4941.9	9.02	100.9	100.9	104.1	5.07	91.01	91.01	8.74	109.24	1.0	1.0
Arno_03	ARB0737__-04-ARB0736__	-137426.7	1728.2	-26.30	112.94	11.36	1.80	0.27	113.10	0.16	5237.3	8.50	116.0	116.0	119.1	5.00	98.56	98.56	8.28	106.12	1.0	1.0
Arno_03	ARB0737__-05-ARB0736__	-137379.3	1756.6	-28.64	112.93	11.33	1.77	0.27	113.08	0.16	5348.4	8.40	121.4	121.4	124.4	4.94	101.97	101.97	8.20	105.63	1.0	1.0
Arno_03	ARB0737__-06-ARB0736__	-137331.9	1785.9	-29.68	112.92	11.30	1.75	0.27	113.06	0.16	5464.2	8.31	126.9	126.9	129.8	4.89	105.46	105.46	8.12	105.16	1.0	1.0
Arno_03	ARB0736__	-137284.5	1818.0	-32.85	112.91	11.27	1.75	0.27	113.05	0.16	5561.4	8.22	132.4	132.4	135.3	4.83	108.80	108.80	8.04	104.66	1.0	1.0
Arno_03	ARB0736__-01-ARB0735__	-137238.7	1822.9	10.87	112.89	11.39	1.72	0.26	113.03	0.15	5613.4	8.30	131.0	131.0	133.5	4.88	108.74	108.74	8.14	105.47	1.0	1.0
Arno_03	ARB0736__-02-ARB0735__	-137192.8	1829.7	12.26	112.87	11.51	1.70	0.25	113.02	0.15	5661.2	8.38	129.6	129.6	131.9	4.93	108.61	108.61	8.23	106.24	1.0	1.0
Arno_03	ARB0736__-03-ARB0735__	-137147.0	1839.3	9.76	112.86	11.63	1.70	0.25	113.00	0.15	5712.9	8.46	128.2	128.2	130.3	4.98	108.50	108.50	8.33	106.97	1.0	1.0
Arno_03	ARB0736__-04-ARB0735__	-137101.1	1851.0	-11.40	112.84	11.75	1.71	0.24	112.99	0.15	5756.5	8.54	126.8	126.8	128.8	5.02	108.28	108.28	8.41	107.66	1.0	1.0
Arno_03	ARB0736__-05-ARB0735__	-137055.3	1863.9	-13.54	112.83	11.87	1.72	0.24	112.98	0.15	5809.1	8.62	125.4	125.4	127.3	5.07	108.15	108.15	8.49	108.34	1.0	1.0
Arno_03	ARB0736__-06-ARB0735__	-137009.4	1875.1	-11.09	112.81	12.00	1.74	0.23	112.97	0.15	5855.0	8.70	124.0	124.0	125.9	5.12	107.94	107.94	8.57	108.98	1.0	1.0
Arno_03	ARB0735__	-136963.6	1890.7	-15.38	112.80	12.12	1.76	0.23	112.95	0.16	5896.8	8.78	122.6	122.6	124.5	5.17	107.67	107.67	8.65	109.59	1.0	1.0
Arno_03	ARB0735__-01-ARB0734__	-136915.4	1890.7	0.00	112.77	11.89	1.79	0.24	112.94	0.16	5734.4	8.67	122.1	122.1	123.9	5.09	105.81	105.81	8.54	108.96	1.0	1.0
Arno_04	ARB0735__-01-ARB0734__	-136915.4	1919.5	29.04	112.77	11.89	1.81	0.23	112.94	0.17	5745.0	8.67	122.1	122.1	123.9	5.09	105.81	105.81	8.54	108.96	1.0	1.0
Arno_04	ARB0735__-02-ARB0734__	-136867.2	1908.5	31.86	112.75	11.66	1.84	0.24	112.92	0.17	5576.6	8.55	121.6	121.6	123.3	5.02	103.97	103.97	8.43	108.32	1.0	1.0
Arno_04	ARB0735__-03-ARB0734__	-136819.0	1902.7	34.53	112.73	11.42	1.86	0.24	112.90	0.18	5407.7	8.44	121.0	121.0	122.8	4.94	102.10	102.10	8.32	107.64	1.0	1.0
Arno_04	ARB0735__-04-ARB0734__	-136770.8	1898.7	37.51	112.70	11.19	1.89	0.24	112.89	0.18	5241.7	8.32	120.5	120.5	122.2	4.86	100.26	100.26	8.20	106.95	1.0	1.0
Arno_04	ARB0735__-05-ARB0734__	-136722.6	1897.9	38.01	112.68	10.96	1.93	0.24	112.87	0.19	5076.1	8.20	120.0	120.0	121.7	4.78	98.38	98.38	8.08	106.23	1.0	1.0
Arno_04	ARB0734__	-136674.4	1910.8	35.61	112.65	10.72	1.98	0.25	112.85	0.20	4915.8	8.08	119.4	119.4	121.3	4.70	96.48	96.48	7.95	105.48	1.0	1.0
Arno_04	ARB0734__-01-ARB0733__	-136632.6	1924.2	-18.17	112.61	10.43	2.08	0.26	112.83	0.22	4603.2	7.87	117.7	117.7	119.4	4.53	92.63	92.63	7.76	105.50	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
Arno_04	ARB0734_-02-ARB0733__	-136590.7	1941.6	-26.02	112.56	10.12	2.20	0.30	112.80	0.25	4291.1	7.61	116.1	116.1	117.9	4.36	88.36	88.36	7.50	105.21	1.0	1.0
Arno_04	ARB0734_-03-ARB0733__	-136548.9	1967.9	-36.68	112.49	9.80	2.35	0.34	112.77	0.28	3986.9	7.33	114.4	114.4	116.3	4.19	83.84	83.84	7.21	104.81	1.0	1.0
Arno_04	ARB0734_-04-ARB0733__	-136507.0	1991.2	-34.77	112.41	9.46	2.53	0.40	112.73	0.33	3685.2	7.01	112.7	112.7	114.8	4.02	78.98	78.98	6.88	104.18	1.0	1.0
Arno_04	ARB0734_-05-ARB0733__	-136465.2	2031.1	-40.02	112.29	9.09	2.79	0.46	112.68	0.40	3389.1	6.62	111.1	111.1	113.4	3.83	73.50	73.50	6.48	103.23	1.0	1.0
Arno_04	ARB0733__	-136423.3	2084.4	-55.81	112.13	8.68	3.26	0.55	112.61	0.54	3104.2	6.17	109.4	109.4	112.2	3.63	67.55	67.55	6.02	102.03	1.0	1.0
Arno_04	ARB0733_-01-ARB0732__	-136376.0	2084.3	0.00	112.13	9.18	2.81	0.45	112.53	0.40	3489.4	6.49	114.2	114.2	116.8	3.90	74.13	74.13	6.35	102.42	1.0	1.0
Arno_05	ARB0733_-01-ARB0732__	-136376.0	2114.9	-57.11	112.13	9.18	2.85	0.45	112.55	0.41	3507.0	6.49	114.2	114.2	116.8	3.90	74.13	74.13	6.35	102.42	1.0	1.0
Arno_05	ARB0733_-02-ARB0732__	-136328.7	2171.5	-60.67	112.12	9.67	2.68	0.37	112.48	0.36	3972.9	6.82	119.1	119.1	121.5	4.17	81.18	81.18	6.68	102.91	1.0	1.0
Arno_05	ARB0733_-03-ARB0732__	-136281.4	2230.5	-63.32	112.11	10.16	2.51	0.32	112.43	0.32	4507.6	7.18	123.9	123.9	126.3	4.43	88.96	88.96	7.04	103.56	1.0	1.0
Arno_05	ARB0733_-04-ARB0732__	-136234.1	2290.9	-64.41	112.11	10.66	2.36	0.28	112.39	0.28	5080.2	7.57	128.8	128.8	131.3	4.65	97.46	97.46	7.42	105.15	1.0	1.0
Arno_05	ARB0733_-05-ARB0732__	-136186.8	2352.9	-65.12	112.10	11.15	2.22	0.25	112.35	0.25	5682.4	7.98	133.6	133.6	136.4	4.84	106.62	106.62	7.82	107.56	1.0	1.0
Arno_05	ARB0732__	-136139.5	2415.8	-63.52	112.10	11.65	2.08	0.23	112.32	0.22	6351.2	8.41	138.5	138.5	141.5	5.02	116.47	116.47	8.23	109.95	1.0	1.0
Arno_05	ARB0732_-01-ARB0731__	-136094.8	2412.0	3.34	112.02	11.04	2.35	0.27	112.29	0.28	5366.9	7.72	133.7	133.7	137.6	4.65	103.15	103.15	7.49	114.89	1.0	1.0
Arno_05	ARB0732_-02-ARB0731__	-136050.2	2410.8	-1.92	111.92	10.42	2.59	0.29	112.26	0.34	4862.3	8.16	114.6	114.6	119.0	4.52	93.60	93.60	7.86	116.75	1.0	1.0
Arno_05	ARB0732_-03-ARB0731__	-136005.5	2413.1	-7.51	111.81	9.79	2.82	0.32	112.21	0.40	4388.6	7.85	109.6	109.6	113.5	4.30	86.09	86.09	7.58	115.32	1.0	1.0
Arno_05	ARB0732_-04-ARB0731__	-135960.9	2438.3	-30.22	111.66	9.11	3.13	0.37	112.15	0.50	3930.4	7.48	104.3	104.3	107.8	4.04	78.01	78.01	7.24	113.53	1.0	1.0
Arno_05	ARB0731__	-135916.2	2505.3	-73.84	111.40	8.33	3.63	0.44	112.07	0.67	3502.6	7.00	98.6	98.6	101.7	3.73	69.09	69.09	6.79	111.12	1.0	1.0
Arno_05	ARB0730__	-135647.6	2408.3	95.14	111.22	9.97	2.95	0.33	111.67	0.44	4360.8	8.19	99.7	99.7	105.4	4.45	81.63	81.63	7.74	116.14	1.0	1.0
Arno_05	ARB0729A	-135631.2	2408.1	0.00	110.78	11.03	4.04	0.46	111.60	0.83	3533.8	7.74	77.2	77.2	86.3	4.26	59.73	59.73	6.92	111.85	1.0	1.0
Arno_05	ARB0728B	-135626.2	2408.1	0.00	109.85	10.10	5.47	0.62	111.38	1.53	3145.7	8.07	56.1	56.1	83.7	4.10	44.04	44.04	5.26	102.11	1.0	1.0
Arno_05	ARB0728C	-135617.9	2408.2	0.00	109.74	9.98	5.55	0.63	111.30	1.57	3114.4	7.93	56.1	56.1	82.9	4.04	43.40	43.40	5.23	101.95	1.0	1.0
Arno_05	ARB0727D	-135612.9	2408.2	0.00	108.55	7.68	6.93	1.00	111.00	2.45	2673.3	4.89	71.0	71.0	76.4	2.80	34.73	34.73	4.54	97.22	1.0	1.0
Arno_05	ARB0726__	-135594.5	2413.7	44.74	109.09	6.89	4.38	0.62	110.06	0.98	2752.2	5.58	99.0	99.0	103.1	3.04	55.21	55.21	5.36	102.71	1.0	1.0
Arno_05	ARB07242A	-135525.1	2427.1	-13.22	109.00	5.24	4.46	0.82	109.76	1.01	2435.4	4.38	142.9	142.9	147.5	2.36	62.63	62.63	4.25	95.07	1.0	1.0
Arno_05	ARB07242	-135520.1	2431.5	-4.31	108.96	5.20	5.11	1.00	109.74	1.33	2423.8	4.35	142.9	142.9	147.5	2.34	62.11	62.11	4.21	94.81	1.0	1.0
Arno_05	ARB07241	-135506.3	2403.1	69.18	109.40	11.55	2.02	0.21	109.60	0.21	6220.6	9.17	129.5	135.4	136.3	4.82	118.75	120.66	8.71	118.27	1.0	1.0
Arno_05	ARB0724__	-135399.1	2312.5	104.81	109.41	12.56	1.70	0.18	109.56	0.15	7199.0	9.08	149.7	182.5	153.6	5.00	135.88	145.68	8.85	121.43	1.0	1.0
Arno_05	ARB0723__	-135161.3	2502.5	-195.50	108.90	10.05	2.93	0.44	109.34	0.44	3899.8	5.52	154.6	200.2	158.2	3.69	85.40	88.25	5.40	102.99	1.0	1.0
Arno_05	ARB0722__	-134831.8	2503.1	0.00	106.78	10.95	5.41	0.68	108.27	1.49	3253.4	6.43	72.1	72.1	77.3	4.05	46.31	46.31	5.99	106.65	1.0	1.0
Arno_05	ARB0721__	-134566.6	2503.4	0.00	106.43	8.18	3.88	0.55	107.20	0.77	3089.1	6.10	105.7	105.7	111.4	3.26	64.48	64.48	5.79	105.40	1.0	1.0
Arno_05	ARB0720__	-134404.8	2510.0	0.00	106.15	8.55	3.43	0.78	106.75	0.60	3161.8	4.80	152.4	173.9	155.9	3.12	73.13	74.12	4.69	98.28	1.0	1.0
Arno_05	ARE0719__	-134243.7	2509.7	0.00	105.79	9.02	3.29	0.48	106.34	0.55	3568.5	4.99	159.3	159.3	162.1	3.57	76.34	76.34	4.89	99.63	1.0	1.0
Arno_05	ARE0718__	-134069.8	2509.0	0.00	105.21	8.66	3.62	0.67	105.88	0.67	3286.8	4.78	145.7	145.7	148.7	3.40	69.65	69.65	4.68	98.22	1.0	1.0
Arno_05	ARE0716__	-133644.5	2509.4	0.00	103.90	10.64	3.97	0.50	104.70	0.80	3546.1	6.37	99.4	99.4	106.4	4.00	63.29	63.29	5.95	106.38	1.0	1.0
Arno_05	ARE0715__	-133396.6	2508.9	0.00	103.53	10.51	3.28	0.46	104.07	0.55	3600.7	5.49	145.9	149.4	151.8	3.60	76.69	76.78	5.26	102.11	1.0	1.0
Arno_05	ARE0713__	-132927.9	2510.1	0.00	102.58	10.51	3.21	0.47	103.10	0.52	3790.7	5.33	147.5	192.0	152.6	3.78	78.58	81.91	5.15	101.38	1.0	1.0
Arno_05	ARE0712__	-132673.5	2512.1	0.00	101.52	10.40	4.25	0.54	102.44	0.92	3568.7	6.46	94.9	94.9	102.0	4.18	59.44	59.44	5.91	106.14	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
Arno_05	ARE0711__	-132574.3	2511.6	0.00	101.60	8.78	3.31	0.40	102.15	0.56	3751.9	6.93	110.2	110.2	116.1	3.81	76.36	76.36	6.58	110.00	1.0	1.0
Arno_05	ARE0710A__	-132537.6	2550.0	0.00	100.98	7.64	4.50	0.59	102.00	1.03	2982.4	5.90	96.1	96.1	107.7	3.20	56.72	56.72	5.27	102.13	1.0	1.0
Arno_05	ARE0709B__	-132536.6	2550.0	0.00	100.71	7.37	4.92	0.65	101.94	1.24	2901.7	5.95	87.5	87.5	107.5	3.13	51.88	51.88	4.83	99.22	1.0	1.0
Arno_05	ARE0709C__	-132526.1	2550.0	0.00	100.55	7.21	5.06	0.67	101.85	1.30	2855.5	5.77	87.5	87.5	106.5	3.06	50.47	50.47	4.74	98.63	1.0	1.0
Arno_05	ARE0708D__	-132525.1	2550.0	0.00	100.61	7.28	4.77	0.65	101.77	1.16	2860.1	5.58	95.9	96.0	107.6	3.03	53.48	53.48	4.97	100.19	1.0	1.0
Arno_05	ARE0707__	-132231.2	2549.3	0.00	100.09	9.38	3.98	0.88	100.57	0.81	2968.4	3.98	208.6	208.6	213.2	2.62	82.94	82.94	3.89	92.32	1.0	1.0
Arno_05	ARE0706__	-131931.2	2550.3	0.00	98.62	9.88	4.49	0.55	99.64	1.03	3353.2	6.72	84.6	84.6	89.8	3.85	56.85	56.85	6.33	108.61	1.0	1.0
Arno_05	ARE0705__	-131699.1	2550.3	0.00	97.58	10.21	4.74	0.68	98.72	1.15	3266.4	5.21	108.7	108.7	113.6	3.78	53.82	53.82	4.94	100.00	1.0	1.0
Arno_05	ARE0704__	-131547.0	2550.8	0.00	97.13	9.56	4.18	0.61	98.01	0.89	3095.9	4.88	125.4	125.4	128.9	3.29	61.17	61.17	4.74	98.57	1.0	1.0
Arno_05	ARE0703__	-131216.3	2552.6	0.00	96.04	10.00	3.93	0.56	96.81	0.79	3147.0	4.94	132.1	197.1	137.4	3.27	65.21	69.36	4.75	98.67	1.0	1.0
Arno_05	ARE0702__	-130901.2	2550.6	0.00	95.05	7.85	3.85	0.57	95.80	0.76	2991.8	5.07	130.7	190.5	134.6	3.01	66.33	69.60	4.93	99.77	1.0	1.0
Arno_05	ARE0701__	-130505.6	2550.2	0.00	93.85	8.35	3.89	0.72	94.61	0.77	3084.1	5.26	125.2	188.2	128.7	3.16	65.83	67.79	5.11	101.15	1.0	1.0
Arno_05	ARE0700__	-130230.8	2550.2	0.00	91.89	8.83	5.49	0.71	93.42	1.54	3092.7	6.09	76.4	76.4	82.8	3.59	46.52	46.52	5.62	104.37	1.0	1.0
Arno_05	ARE0699__	-130034.9	2549.2	0.00	91.45	7.57	4.43	0.61	92.44	1.00	2888.4	5.34	108.1	108.1	111.3	3.02	57.74	57.74	5.19	101.63	1.0	1.0
Arno_05	ARE0698__	-129808.7	2549.7	0.00	91.10	6.97	3.46	0.62	91.70	0.61	3110.5	5.58	132.6	132.6	136.2	2.99	73.97	73.97	5.43	103.20	1.0	1.0
Arno_05	ARE0697__	-129561.4	2585.0	0.00	90.13	7.94	4.23	0.57	91.04	0.91	3139.3	5.82	105.3	105.3	108.3	3.31	61.26	61.26	5.66	104.63	1.0	1.0
Arno_05	ARE0696__	-129375.6	2585.2	0.00	89.20	8.18	4.72	0.68	90.33	1.13	3028.4	5.17	106.3	106.3	108.4	3.26	54.95	54.95	5.07	100.79	1.0	1.0
Arno_05	ARE0695__	-129297.4	2585.5	0.00	88.82	8.92	4.75	0.71	89.96	1.15	3054.1	4.95	110.3	134.6	115.3	3.31	54.58	55.70	4.73	98.56	1.0	1.0
Arno_05	ARE0693__	-128798.5	2271.2	400.77	87.11	9.79	4.42	0.60	88.04	1.00	3037.2	6.72	79.3	79.3	83.3	3.85	53.31	53.31	6.40	108.99	1.0	1.0
Arno_05	ARE0692__	-128545.2	2314.3	-374.21	86.68	9.82	4.21	0.58	87.41	0.91	3255.5	7.14	85.3	85.3	91.8	3.88	60.89	60.89	6.63	110.31	1.0	1.0
Arno_05	ARB0691__	-128251.3	2188.3	299.77	86.18	10.18	4.16	0.61	86.85	0.88	3303.3	7.28	82.5	82.5	88.4	4.16	60.03	60.03	6.79	111.19	1.0	1.0
Arno_05	ARB0690__	-127892.4	2361.6	-188.11	86.15	10.85	2.38	0.40	86.35	0.29	5178.1	6.11	195.9	214.4	198.6	3.93	119.78	120.98	6.03	106.80	1.0	1.0
Arno_05	ARB0689__	-127674.6	2586.9	-303.26	85.71	10.54	3.25	0.51	86.13	0.54	4347.8	6.97	122.0	122.0	125.2	4.22	85.01	85.01	6.79	111.18	1.0	1.0
Arno_05	ARB0687__	-127384.1	3794.7	0.00	84.83	12.41	3.88	0.51	85.59	0.77	5663.8	6.38	153.8	153.8	158.9	4.25	98.13	98.13	6.17	107.71	1.0	1.0
Arno_05	ARB0686__	-127078.2	3796.7	0.00	83.79	10.90	4.48	0.66	84.80	1.02	5195.5	6.82	124.7	124.7	127.8	4.08	85.05	85.05	6.65	110.43	1.0	1.0
Arno_05	ARB0685__	-126951.0	3797.5	0.00	82.88	10.36	5.38	0.64	84.35	1.48	5139.9	7.19	98.4	98.4	102.8	4.33	70.80	70.80	6.88	111.68	1.0	1.0
Arno_05	ARB0684__	-126680.8	3797.1	0.72	81.95	9.95	5.21	0.63	83.32	1.38	5010.1	7.06	103.5	103.5	108.7	4.10	73.10	73.10	6.73	110.83	1.0	1.0
Arno_05	ARB0683__	-126603.6	3215.4	582.81	82.45	12.64	3.23	0.35	82.97	0.53	6260.3	8.63	115.8	115.8	122.2	5.21	99.86	99.86	8.17	118.26	1.0	1.0
Arno_05	ARB0682__	-126340.3	2736.5	532.19	82.21	11.06	2.99	0.45	82.66	0.46	4612.9	6.86	135.2	135.2	138.5	4.09	92.73	92.73	6.70	110.66	1.0	1.0
Arno_05	ARB0682__-01-ARB0681__	-126294.1	2594.2	144.17	82.20	11.06	3.09	0.50	82.59	0.49	4492.5	6.40	146.3	146.3	149.7	4.01	93.71	93.71	6.26	108.19	1.0	1.0
Arno_05	ARB0682__-02-ARB0681__	-126247.9	2474.8	119.64	82.18	11.05	3.19	0.52	82.54	0.52	4399.4	6.21	150.3	150.3	154.0	3.99	93.43	93.43	6.07	107.09	1.0	1.0
Arno_05	ARB0682__-03-ARB0681__	-126201.7	2462.9	13.26	82.12	11.01	3.28	0.54	82.49	0.55	4353.4	6.23	147.6	147.6	152.5	4.00	91.92	91.92	6.03	106.85	1.0	1.0
Arno_05	ARB0682__-04-ARB0681__	-126155.5	2454.6	10.00	82.07	10.97	3.34	0.54	82.43	0.57	4329.6	6.05	151.7	151.7	156.8	3.99	91.71	91.71	5.85	105.79	1.0	1.0
Arno_05	ARB0681__	-126109.3	2456.3	0.00	82.01	10.92	3.41	0.58	82.38	0.59	4320.2	5.90	155.4	155.4	160.8	3.98	91.66	91.66	5.70	104.88	1.0	1.0
Arno_06	ARB0681__	-126109.3	2454.5	6.61	82.01	10.92	3.43	0.60	82.38	0.60	4319.2	5.90	155.4	155.4	160.8	3.98	91.66	91.66	5.70	104.88	1.0	1.0
Arno_06	ARB0681__-01-ARB0680__	-126065.3	2452.0	4.10	81.96	11.08	3.38	0.64	82.33	0.58	4402.6	6.12	150.4	150.4	156.3	4.06	91.97	91.97	5.89	106.01	1.0	1.0
Arno_06	ARB0681__-02-ARB0680__	-126021.4	2412.5	40.65	81.93	11.26	3.30	0.70	82.28	0.56	4537.6	6.36	146.4	146.4	152.5	4.19	93.10	93.10	6.11	107.19	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
Arno_06	ARB0680__	-125977.4	2378.1	36.19	81.91	11.44	3.40	1.00	82.23	0.59	4736.1	6.76	139.8	139.8	148.0	4.37	94.52	94.52	6.39	108.54	1.0	1.0
Arno_06	ARB0679A__	-125971.1	2375.6	2.68	81.92	11.02	3.01	0.91	82.22	0.46	5025.9	7.42	131.2	149.6	154.3	4.56	97.34	97.34	6.92	111.89	1.0	1.0
Arno_06	ARB0678B__	-125970.1	2375.6	0.00	81.55	11.30	3.53	0.42	82.14	0.63	4706.2	24.72	77.3	77.3	223.8	5.56	69.75	70.01	3.92	92.54	1.0	1.0
Arno_06	ARB0678C__	-125962.1	2375.6	0.00	81.51	11.26	3.54	0.43	82.10	0.64	4682.2	23.84	77.3	77.3	222.7	5.54	69.64	69.88	3.92	92.54	1.0	1.0
Arno_06	ARB0677D__	-125961.1	2373.2	2.80	81.66	11.56	2.99	0.54	81.94	0.46	4981.0	6.17	163.0	163.0	166.8	4.38	100.63	100.63	6.03	106.34	1.0	1.0
Arno_06	ARB0676__	-125945.0	2371.2	5.28	81.50	11.91	3.24	0.39	81.92	0.53	4835.8	9.43	87.9	87.9	98.2	5.00	82.88	82.88	8.44	119.51	1.0	1.0
Arno_06	ARB0675__	-125859.4	2379.2	11.74	81.36	12.56	3.64	0.42	81.83	0.67	4919.9	9.18	84.6	94.5	103.6	5.38	77.66	77.66	7.50	112.33	1.0	1.0
Arno_06	ARB0675__-01-ARB0674__	-125819.5	2382.1	7.04	81.37	12.54	3.46	0.41	81.78	0.61	5089.6	7.46	114.0	114.0	119.2	5.23	84.24	84.24	7.07	112.63	1.0	1.0
Arno_06	ARB0675__-02-ARB0674__	-125779.7	2387.6	-7.41	81.35	12.49	3.39	0.40	81.74	0.59	5113.1	7.52	117.3	117.3	122.7	5.16	86.04	86.04	7.11	112.89	1.0	1.0
Arno_06	ARB0675__-03-ARB0674__	-125739.8	2395.8	-9.92	81.32	12.44	3.34	0.39	81.70	0.57	5138.2	7.58	120.6	120.6	126.5	5.09	87.81	87.81	7.16	113.15	1.0	1.0
Arno_06	ARB0674__	-125700.0	2407.0	-13.38	81.29	12.38	3.28	0.38	81.66	0.55	5160.3	7.60	123.9	123.9	130.4	5.03	89.51	89.51	7.16	113.15	1.0	1.0
Arno_06	ARB0674__-01-ARB0673__	-125654.5	2434.9	-31.40	81.19	12.34	3.37	0.40	81.61	0.58	5003.5	7.91	118.4	118.4	124.5	5.05	85.03	85.03	7.45	114.68	1.0	1.0
Arno_06	ARB0674__-02-ARB0673__	-125609.1	2470.1	-36.73	81.08	12.29	3.47	0.41	81.55	0.61	4877.4	8.23	109.7	112.9	118.7	5.06	81.24	81.24	7.75	116.20	1.0	1.0
Arno_06	ARB0674__-03-ARB0673__	-125563.6	2480.1	-10.72	80.99	12.25	3.55	0.42	81.50	0.64	4765.4	8.57	92.5	92.5	98.2	5.05	78.62	78.62	8.06	117.71	1.0	1.0
Arno_06	ARB0674__-04-ARB0673__	-125518.2	2480.4	0.00	80.92	12.25	3.64	0.44	81.45	0.67	4669.8	8.73	88.8	88.8	94.6	4.98	77.47	77.47	8.19	118.35	1.0	1.0
Arno_06	ARB0674__-05-ARB0673__	-125472.7	2480.4	0.00	80.87	12.25	3.72	0.46	81.40	0.71	4583.4	8.66	88.4	88.4	94.2	4.92	76.57	76.57	8.13	118.04	1.0	1.0
Arno_06	ARB0673__	-125427.3	2490.1	-12.71	80.80	12.24	3.82	0.48	81.35	0.74	4504.4	8.57	88.4	88.4	94.2	4.84	75.75	75.75	8.04	117.60	1.0	1.0
Arno_06	ARB0673__-01-ARB0672__	-125381.5	2489.5	0.00	80.83	12.41	3.47	0.43	81.28	0.61	4862.1	8.66	96.0	96.0	101.5	4.93	83.13	83.13	8.19	118.34	1.0	1.0
Arno_06	ARB0673__-02-ARB0672__	-125335.8	2489.5	0.00	80.85	12.58	3.16	0.39	81.23	0.51	5270.4	8.76	103.8	103.8	109.2	5.03	90.89	90.89	8.32	118.97	1.0	1.0
Arno_06	ARB0673__-03-ARB0672__	-125290.0	2499.0	-10.17	80.86	12.74	2.89	0.35	81.19	0.43	5734.2	8.91	111.1	111.1	116.9	5.14	99.00	99.00	8.47	119.67	1.0	1.0
Arno_06	ARB0673__-04-ARB0672__	-125244.2	2533.2	-35.90	80.87	12.90	2.65	0.32	81.16	0.36	6261.3	8.99	119.6	119.6	125.8	5.26	107.46	107.46	8.54	120.01	1.0	1.0
Arno_06	ARB0673__-05-ARB0672__	-125198.5	2600.4	-69.27	80.87	13.04	2.44	0.29	81.12	0.30	6841.4	8.88	134.5	134.5	141.1	5.37	116.26	116.26	8.44	119.56	1.0	1.0
Arno_06	ARB0672__	-125152.7	2747.9	-152.14	80.85	13.17	2.25	0.27	81.10	0.26	7497.5	8.71	152.0	152.0	159.1	5.48	125.66	125.66	8.26	118.70	1.0	1.0
Arno_06	ARB06723A	-125048.9	2753.0	0.00	80.77	13.67	2.79	0.38	81.02	0.40	6005.7	5.66	217.3	260.2	219.9	4.38	122.88	126.57	5.59	104.18	1.0	1.0
Arno_06	ARB06722B	-125047.9	2753.1	0.00	80.73	14.03	2.78	0.38	81.02	0.39	6066.8	82.03	175.0	175.0	393.2	4.65	116.07	116.07	5.24	101.98	1.0	1.0
Arno_06	ARB06722C	-125035.8	2753.6	0.00	80.70	14.00	2.79	0.39	80.99	0.40	6035.4	35.06	175.2	175.2	372.1	4.64	115.54	115.54	5.25	102.07	1.0	1.0
Arno_06	ARB06721D	-125034.8	2753.6	0.00	80.66	13.06	2.81	0.36	80.98	0.40	6021.9	6.53	176.9	176.9	180.8	4.83	110.26	110.26	6.38	108.92	1.0	1.0
Arno_06	ARB0671__	-124893.0	3036.4	-329.01	80.39	14.54	3.01	0.30	80.85	0.46	7081.0	10.58	95.5	95.5	99.9	6.09	100.98	100.98	10.1	118.98	1.0	1.0
Arno_06	ARB0670__	-124598.1	3029.3	12.17	79.73	12.32	3.83	0.42	80.48	0.75	5060.0	8.35	94.9	94.9	102.9	4.90	79.19	79.19	7.69	115.90	1.0	1.0
Arno_06	ARB0669__	-124427.0	3035.8	-13.94	79.48	11.98	3.73	0.40	80.19	0.71	5342.2	9.09	90.7	95.7	106.4	5.14	81.40	81.40	8.04	117.62	1.0	1.0
Arno_06	ARB0668__	-124065.8	3273.7	-244.93	79.03	12.13	3.46	0.39	79.64	0.61	5816.4	8.18	115.7	115.7	120.7	4.93	94.67	94.67	7.84	115.34	1.0	1.0
Arno_06	ARB0667__	-123870.5	3340.4	-338.67	78.96	11.92	2.86	0.33	79.38	0.42	6470.1	7.91	147.6	147.6	151.4	4.71	116.71	116.71	7.71	109.77	1.0	1.0
Arno_06	ARB0666__	-123732.6	3342.0	0.00	78.54	11.97	3.59	0.41	79.20	0.66	5638.8	7.83	119.0	119.0	123.5	4.74	93.20	93.20	7.55	115.18	1.0	1.0
Arno_06	ARB0665__	-123421.8	3664.0	-343.95	78.03	11.55	3.74	0.40	78.74	0.71	6243.3	8.83	110.9	126.8	116.1	4.95	97.95	99.37	8.44	119.54	1.0	1.0
Arno_06	ARB0664__	-123181.0	3250.9	420.19	77.83	11.64	3.28	0.38	78.38	0.55	5799.9	7.59	130.9	138.2	135.6	4.75	99.38	100.10	7.33	114.03	1.0	1.0
Arno_06	ARB0663__	-122717.3	3261.4	0.00	75.92	9.18	5.01	0.64	77.20	1.28	4069.2	6.34	102.8	102.8	106.3	3.69	65.15	65.15	6.13	107.45	1.0	1.0
Arno_06	ARB0662__	-122463.2	2386.6	897.67	75.39	9.86	4.21	0.56	76.25	0.90	3247.7	6.04	96.1	96.1	98.7	3.88	58.03	58.03	5.88	101.01	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
Arno_06	ARB0661__	-122143.2	2366.7	96.80	74.17	7.78	4.78	0.72	75.17	1.17	2657.4	5.23	102.3	102.3	105.8	2.97	53.45	53.45	5.05	100.74	1.0	1.0
Arno_06	ARB06602A	-122035.3	2589.6	-229.71	74.15	5.03	4.14	0.77	74.71	0.87	2619.1	4.28	182.1	182.1	184.2	2.23	77.99	77.99	4.23	94.99	1.0	1.0
Arno_06	ARB06602__	-122030.3	2669.0	-80.17	74.08	4.96	5.09	1.01	74.69	1.32	2632.5	4.21	181.9	181.9	184.0	2.20	76.63	76.63	4.17	94.47	1.0	1.0
Arno_06	ARB06601__	-121996.3	3034.0	-370.56	74.41	10.18	1.64	0.19	74.54	0.14	8818.4	8.50	219.5	219.5	228.4	4.45	186.67	186.67	8.17	117.41	1.0	1.0
Arno_06	ARB0659__	-121706.8	3064.3	50.25	74.19	10.69	2.22	0.49	74.40	0.25	5799.0	6.34	233.5	236.1	240.8	3.48	148.12	148.14	6.15	107.58	1.0	1.0
Arno_06	ARB0658__	-121438.9	2567.0	538.67	73.89	10.64	2.98	0.46	74.20	0.45	5208.2	7.43	139.5	139.5	142.4	4.40	103.69	103.69	7.28	104.55	1.0	1.0
Arno_06	ARB0657__	-121135.3	3269.3	-741.13	73.37	10.35	3.16	0.41	73.88	0.51	5714.0	8.05	128.8	128.8	130.6	4.50	103.66	103.66	7.94	106.55	1.0	1.0
Arno_06	ARB0656__	-120868.5	3443.4	-200.74	72.92	9.90	3.47	0.48	73.52	0.61	5256.9	7.64	130.4	130.4	133.2	4.06	99.60	99.60	7.48	114.79	1.0	1.0
Arno_06	ARB0655__	-120740.6	3727.2	-339.85	72.76	10.31	3.42	0.39	73.35	0.60	6160.9	8.20	133.2	133.2	135.9	4.46	109.20	109.20	8.04	117.58	1.0	1.0
Arno_06	ARB0654__	-120492.3	3726.7	-40.30	72.35	10.01	3.62	0.44	73.01	0.67	5732.3	7.86	131.5	131.5	134.0	4.22	103.44	103.44	7.72	116.03	1.0	1.0
Arno_06	ARB06532A	-120263.7	3728.5	0.00	72.56	7.03	2.49	0.71	72.71	0.31	8249.4	6.96	313.8	313.8	320.6	3.48	218.40	218.40	6.81	111.30	1.0	1.0
Arno_06	ARB06532__	-120258.7	3728.6	0.00	72.56	7.03	3.08	1.03	72.71	0.48	8249.0	6.96	313.8	313.8	320.6	3.48	218.40	218.40	6.81	111.30	1.0	1.0
Arno_06	ARB06531__	-120236.1	3729.4	0.00	72.62	12.38	1.11	0.11	72.69	0.06	19364.7	11.01	306.4	306.4	310.4	5.62	337.29	337.29	10.9	130.05	1.0	1.0
Arno_06	ARB0652__	-119915.6	3416.6	362.94	71.97	14.39	3.26	0.38	72.51	0.54	6583.4	9.34	112.2	148.1	118.4	5.20	104.82	112.63	8.86	121.48	1.0	1.0
Arno_06	ARB0651__	-119710.0	3165.9	457.82	71.68	15.18	3.57	0.38	72.29	0.65	6385.1	10.60	84.0	84.0	89.8	5.92	89.05	89.05	9.9	118.42	1.0	1.0
Arno_06	ARB0650__	-119285.6	3814.8	-805.02	71.00	10.20	3.78	0.45	71.70	0.73	5930.9	8.02	127.1	127.1	133.3	4.41	101.86	101.86	7.64	112.47	1.0	1.0
Arno_06	ARB0649__	-119075.1	3817.4	0.00	70.87	9.86	3.20	0.69	71.37	0.52	6032.9	7.46	161.7	188.3	165.1	3.99	120.68	129.07	7.31	113.96	1.0	1.0
Arno_06	ARB06482A	-118989.4	3861.7	-134.87	70.95	9.16	2.63	0.72	71.26	0.35	7666.0	8.62	179.8	179.8	192.4	4.32	155.03	155.03	8.06	117.70	1.0	1.0
Selceto	SE0001_A	-11.5	150.7	0.00	114.03	4.34	3.76	0.71	114.64	0.72	141.9	4.25	9.7	9.7	18.0	2.16	4.12	4.12	2.29	120.98	1.0	1.0
Selceto	SE0001_B	-10.5	150.7	0.00	114.03	4.34	4.33	0.67	114.56	0.96	138.5	7.03	9.7	9.7	19.5	2.34	3.73	3.73	1.93	114.22	1.0	1.0
Selceto	SE0001_C	0.0	150.7	0.00	114.03	4.38	5.60	1.00	114.11	1.60	125.3	7.09	9.7	9.7	19.5	2.36	3.77	3.77	1.95	114.54	1.0	1.0
Selceto	SE0001_D	1.0	150.7	0.00	114.04	6.00	4.62	0.80	114.04	1.09	167.5	5.80	9.7	9.7	21.1	2.96	5.63	5.63	2.67	127.24	1.0	1.0
Selceto	SE0002__	15.1	141.3	15.23	114.04	6.05	3.96	1.00	114.05	0.80	172.9	5.93	9.7	9.7	15.1	3.00	5.73	5.73	3.79	124.48	1.0	1.0
Selceto	SE0003_A	23.8	141.4	-3.32	114.04	6.28	3.55	0.65	114.05	0.64	197.7	5.64	11.5	11.5	18.1	3.04	6.48	6.48	3.59	128.83	1.0	1.0
Selceto	SE0003_B	24.8	141.4	0.00	114.04	6.28	4.30	0.64	114.04	0.94	174.7	9999.99	9.5	12.1	34.5	3.60	4.83	5.17	1.77	111.05	1.0	1.0
Selceto	SE0003_C	34.7	141.4	0.00	114.04	6.28	5.32	1.00	114.04	1.44	174.6	9999.99	9.5	12.1	34.5	3.60	4.83	5.17	1.77	111.05	1.0	1.0
Selceto	SE0003_D	35.7	141.4	2.25	114.04	6.28	5.15	1.00	114.04	1.35	197.7	5.64	11.5	11.5	18.1	3.04	6.48	6.48	3.59	128.85	1.0	1.0
Selceto	SE0004_A	37.1	141.4	1.74	114.04	6.46	5.15	1.00	114.04	1.35	210.3	5.77	11.7	11.7	18.5	3.12	6.73	6.73	3.64	129.85	1.0	1.0
Selceto	SE0004_D	37.4	141.4	2.93	114.04	7.05	3.82	0.65	114.04	0.74	247.2	6.22	11.7	11.7	19.6	3.40	7.26	7.26	3.70	131.69	1.0	1.0
Selceto	SE0005__	109.6	141.2	66.17	114.04	7.94	3.35	0.67	114.04	0.57	357.5	4.35	28.0	28.0	31.4	2.93	12.19	12.19	3.88	134.18	1.0	1.0
Selceto	SE0006__	136.6	142.8	14.05	114.05	8.06	2.67	0.52	114.05	0.36	403.6	4.39	31.4	31.4	34.9	2.93	13.77	13.77	3.95	141.24	1.0	1.0
Selceto	SE0006__-01-SE0007__	186.7	142.7	20.20	114.05	8.45	1.64	0.29	114.05	0.14	632.5	5.36	37.3	42.0	40.4	3.16	20.01	20.92	4.95	153.29	1.0	1.0
Selceto	SE0007__	236.7	142.6	22.94	114.05	8.84	1.21	0.21	114.05	0.07	834.0	5.62	45.7	52.5	49.7	3.25	25.67	27.56	5.16	155.57	1.0	1.0
Selceto	SE0008__	293.3	142.4	25.29	114.05	9.39	1.14	0.18	114.05	0.07	839.9	6.81	33.6	44.5	38.7	3.67	22.86	25.95	5.91	163.42	1.0	1.0
Selceto	SE0008__-01-SE0009__	342.9	142.7	18.09	114.05	8.86	1.32	0.22	114.05	0.09	742.6	6.42	32.4	39.7	37.0	3.56	20.83	22.39	5.63	153.55	1.0	1.0
Selceto	SE0009__	392.4	142.5	30.88	114.05	8.34	1.57	0.29	114.05	0.13	637.4	6.04	31.3	34.9	35.6	3.37	18.89	19.53	5.30	150.10	1.0	1.0
Selceto	SE0010__	446.1	143.2	47.17	114.05	10.06	0.77	0.12	114.05	0.03	1296.2	7.58	42.1	48.5	45.8	4.06	31.94	33.68	6.98	161.80	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
Romacale	RO0001_A	0.0	16.1	6.57	115.66	4.26	0.89	0.23	115.69	0.04	40.1	3.85	5.0	10.9	6.3	2.02	1.93	3.52	3.04	103.55	1.0	1.0
Romacale	RO0001_B	1.5	16.1	0.00	115.44	3.94	2.50	1.01	115.64	0.32	18.0	9999.99	2.3	10.9	8.6	2.02	0.74	2.88	0.86	64.40	1.0	1.0
Romacale	RO0002_C	11.4	16.2	0.00	115.33	4.33	2.19	0.51	115.49	0.24	22.0	9999.99	2.3	4.5	8.6	2.33	0.83	1.48	0.97	61.87	1.0	1.0
Romacale	RO0002_D	11.5	16.1	0.19	115.35	4.45	1.58	0.25	115.44	0.13	26.7	9999.99	2.5	4.5	10.5	2.23	1.11	1.70	1.06	80.55	1.0	1.0
Romacale	RO0003_A	12.6	14.9	1.83	115.35	4.46	1.44	0.23	115.42	0.11	26.5	8.99	2.5	4.5	10.4	2.24	1.11	1.71	1.07	80.10	1.0	1.0
Romacale	RO0003_B	12.7	14.9	0.00	115.25	4.26	2.03	0.74	115.39	0.21	21.1	9999.99	2.3	4.5	8.6	2.28	0.83	1.47	0.96	61.75	1.0	1.0
Romacale	RO0004_C	54.3	15.0	0.00	115.04	4.49	3.73	1.13	115.22	0.71	17.7	9999.99	1.8	5.9	6.9	2.10	0.71	2.06	1.04	75.19	1.0	1.0
Romacale	RO0004_D	54.8	14.4	0.73	115.09	4.56	2.36	1.14	115.15	0.28	26.9	4.41	2.6	5.9	4.5	2.21	1.15	2.25	2.55	105.17	1.0	1.0
Romacale	RO0005_A	57.8	7.3	8.91	115.12	4.82	-0.78	0.75	115.13	0.03	40.2	4.47	3.9	7.4	7.2	2.31	1.72	2.93	2.40	103.11	1.0	1.0
Romacale	RO0005_B	58.0	7.3	0.00	115.00	4.70	2.87	0.97	115.11	0.42	16.5	9999.99	1.6	7.0	6.6	2.96	0.52	2.27	0.79	68.32	1.0	1.0
Romacale	RO0006_C	69.4	7.3	0.00	113.06	2.63	6.45	2.03	113.28	2.12	5.2	9999.99	1.6	2.1	6.2	2.00	0.19	0.22	0.37	66.10	1.0	1.0
Romacale	RO0006_D	70.4	7.3	-0.04	113.06	2.64	3.37	1.27	113.06	0.58	5.9	2.23	2.1	6.2	5.3	1.26	0.47	1.12	0.87	82.36	1.0	1.0
Romacale	RO0007__	81.0	7.3	-0.07	113.06	2.77	2.49	1.24	113.06	0.32	14.0	2.34	4.8	4.8	5.4	1.25	1.12	1.12	2.08	87.29	1.0	1.0
Romacale	RO0007__-01-RO0008__	111.8	7.3	-0.59	113.06	3.09	2.17	1.67	113.06	0.24	22.7	2.59	6.3	6.3	6.8	1.40	1.62	1.62	2.37	89.17	1.0	1.0
Romacale	RO0008__	142.6	7.3	-1.18	113.06	3.42	2.34	1.53	113.06	0.28	33.7	2.83	7.8	7.9	8.3	1.53	2.20	2.69	2.66	92.12	1.0	1.0
Romacale	RO0008__-01-RO0009__	184.2	7.3	-1.82	113.06	4.35	2.49	1.47	113.06	0.31	53.8	3.49	8.1	10.1	9.1	1.90	2.84	3.42	3.13	108.26	1.0	1.0
Romacale	RO0009__	225.7	7.3	-2.17	113.06	5.29	2.40	1.00	113.06	0.29	78.3	4.10	8.5	12.5	10.0	2.26	3.47	4.96	3.47	118.31	1.0	1.0
Romacale	RO0010__	269.1	8.2	-2.74	113.06	5.96	1.82	0.79	113.06	0.17	117.1	4.11	12.2	12.2	14.1	2.34	5.01	5.01	3.55	118.46	1.0	1.0
Romacale	RO0011__	321.5	11.9	-4.08	113.06	6.47	2.00	0.58	113.06	0.20	99.0	4.48	8.1	9.8	11.8	2.73	3.63	4.23	3.08	105.21	1.0	1.0
Romacale	RO0012__	331.2	13.2	-1.26	113.06	6.30	3.01	1.01	113.06	0.46	66.0	5.46	4.2	9.8	7.7	2.89	2.29	4.22	2.96	112.02	1.0	1.0
Romacale	RO0013__	332.2	13.3	-0.07	113.06	9.60	0.47	0.08	113.06	0.01	216.2	9.19	5.0	12.8	15.9	4.70	4.60	7.26	2.90	122.25	1.0	1.0
Ischieto	IS0001_A	-21.5	30.6	0.00	112.78	3.30	2.27	0.49	112.78	0.26	26.5	2.98	5.9	5.9	14.3	1.50	1.77	1.77	1.24	98.46	1.0	1.0
Ischieto	IS0001_B	-20.5	30.6	0.00	112.78	3.30	2.28	0.49	112.78	0.26	26.4	3.63	5.9	5.9	14.7	1.53	1.73	1.73	1.17	96.77	1.0	1.0
Ischieto	IS0001_C	0.0	30.6	0.00	112.78	3.38	2.48	0.64	112.78	0.31	26.9	3.67	5.9	5.9	14.9	1.55	1.74	1.74	1.17	96.68	1.0	1.0
Ischieto	IS0001_D	1.0	30.6	0.00	112.78	3.38	2.50	1.00	112.78	0.32	27.0	3.00	5.9	5.9	14.5	1.51	1.78	1.78	1.23	98.36	1.0	1.0
Ischieto	IS0002_A	2.4	30.6	0.00	112.78	3.51	1.45	0.44	112.78	0.11	41.8	2.08	16.4	40.0	21.0	1.22	3.42	5.14	1.63	107.99	1.0	1.0
Ischieto	IS0002_B	3.4	30.6	0.00	112.79	3.52	2.76	1.00	112.79	0.39	36.5	1.96	16.4	40.0	21.3	1.13	3.22	4.94	1.51	105.19	1.0	1.0
Ischieto	IS0002_C	7.9	30.6	0.00	112.79	3.78	3.97	1.52	112.79	0.80	35.4	9999.99	16.8	40.3	20.9	1.11	3.20	5.54	1.53	105.77	1.0	1.0
Ischieto	IS0002_D	8.9	30.6	0.00	112.79	3.78	0.94	0.27	112.79	0.04	80.1	1.66	40.3	40.3	41.9	1.20	6.69	6.69	1.60	107.22	1.0	1.0
Ischieto	IS0003_A	14.9	30.6	0.00	112.79	3.72	2.04	1.00	112.79	0.21	37.1	1.85	15.4	17.4	17.9	1.31	2.85	2.86	1.59	106.99	1.0	1.0
Ischieto	IS0003_B	15.9	30.6	0.00	112.79	3.72	3.34	1.00	112.79	0.57	23.6	9999.99	5.6	5.6	13.4	2.31	1.02	1.20	0.94	89.85	1.0	1.0
Ischieto	IS0003_C	23.4	30.6	0.00	112.79	3.92	3.97	1.00	112.79	0.80	25.5	9999.99	5.6	5.6	13.6	2.36	1.08	1.26	0.98	91.04	1.0	1.0
Ischieto	IS0003_D	24.4	30.6	-0.82	112.79	3.95	3.47	1.00	112.79	0.61	39.7	1.90	15.3	17.5	18.1	1.36	2.92	2.93	1.61	107.58	1.0	1.0
Ischieto	IS0004__	34.6	30.6	-3.03	112.79	4.33	3.33	1.00	112.79	0.57	50.3	2.45	13.8	20.2	15.8	1.49	3.38	3.73	2.14	117.01	1.0	1.0
Ischieto	IS0004__-01-IS0005_A	57.6	30.7	-7.01	112.79	4.97	3.24	1.00	112.79	0.53	91.4	3.42	13.7	23.5	16.3	1.94	4.71	5.58	2.89	124.90	1.0	1.0
Ischieto	IS0005_A	80.7	30.7	-4.08	112.79	5.62	2.71	0.94	112.79	0.38	147.6	4.36	13.7	26.7	18.2	2.46	5.97	7.99	3.29	127.90	1.0	1.0
Ischieto	IS0005_B	81.7	30.7	0.00	112.78	5.65	2.71	1.00	112.79	0.38	121.6	9999.99	9.0	26.7	32.6	3.08	3.92	5.87	2.00	115.62	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
Ischieto	IS0005_C	94.7	30.7	0.00	112.78	6.10	2.70	1.00	112.79	0.37	126.8	9999.99	9.0	26.7	32.8	3.14	4.01	5.96	2.04	116.28	1.0	1.0
Ischieto	IS0005_D	95.7	30.7	-4.15	112.78	6.13	2.71	1.00	112.79	0.37	153.7	4.42	13.7	26.7	18.4	2.52	6.07	8.07	3.30	128.30	1.0	1.0
Ischieto	IS0006__	121.7	30.7	-10.56	112.77	7.00	3.44	1.00	112.78	0.60	194.1	5.03	13.8	37.1	16.5	2.79	6.92	14.46	4.19	121.56	1.0	1.0
Ischieto	IS0006__-01-IS0007__	149.3	40.3	-9.89	112.77	7.73	3.08	0.84	112.78	0.48	272.4	5.74	15.0	32.8	17.4	3.15	8.60	15.72	4.93	128.98	1.0	1.0
Ischieto	IS0007__	176.9	44.9	-4.28	112.77	8.45	1.44	0.38	112.78	0.11	361.9	6.39	16.2	28.5	18.6	3.48	10.34	16.27	5.57	137.45	1.0	1.0
Verrazzano	VE0001_A	-16.5	19.9	0.00	116.91	2.60	2.73	0.59	117.29	0.38	14.7	2.56	2.8	3.4	7.8	1.26	0.73	0.73	0.94	87.55	1.0	1.0
Verrazzano	VE0001AB	-15.5	19.9	0.00	116.90	2.60	2.72	0.53	117.28	0.38	15.0	2.83	2.8	2.8	8.1	1.31	0.73	0.73	0.90	88.74	1.0	1.0
Verrazzano	VE0001AC	0.0	19.8	0.00	115.91	1.71	4.10	1.00	116.77	0.86	12.4	1.71	2.8	2.8	6.2	0.86	0.48	0.48	0.77	84.20	1.0	1.0
Verrazzano	VE0001_B	0.4	19.8	0.00	115.94	2.31	3.04	0.64	116.41	0.47	13.7	2.31	2.8	2.8	7.4	1.16	0.65	0.65	0.88	87.77	1.0	1.0
Verrazzano	VE0001_C	4.7	19.8	0.00	115.75	2.19	3.32	0.73	116.31	0.56	13.0	2.12	2.8	2.8	6.9	1.06	0.60	0.60	0.86	87.30	1.0	1.0
Verrazzano	VE0001_D	5.7	19.8	0.00	115.34	1.78	4.10	1.00	116.20	0.86	12.4	1.71	2.8	2.8	6.1	0.86	0.48	0.48	0.79	84.78	1.0	1.0
Verrazzano	VE0002__	7.5	19.8	0.00	115.77	2.13	2.53	1.00	115.91	0.33	14.1	1.42	8.6	8.6	9.9	0.88	1.22	1.22	1.23	98.40	1.0	1.0
Verrazzano	VE0003__	14.2	19.9	0.00	115.19	2.11	3.90	1.00	115.82	0.77	12.4	1.55	4.5	4.5	7.5	0.94	0.57	0.57	0.79	84.73	1.0	1.0
Verrazzano	VE0004__	43.2	19.5	0.00	114.41	1.94	3.33	1.00	114.67	0.56	10.5	1.31	5.7	5.7	7.2	0.79	0.75	0.75	1.03	92.71	1.0	1.0
Verrazzano	VE0005_A	69.2	6.9	13.50	114.49	2.72	1.17	0.48	114.51	0.07	14.9	2.61	4.5	6.5	8.8	1.23	1.18	1.18	1.34	84.68	1.0	1.0
Verrazzano	VE0005_B	70.2	6.9	0.00	114.21	2.44	2.45	1.00	114.44	0.31	6.6	9999.99	2.3	6.5	8.0	1.58	0.33	0.61	0.41	64.24	1.0	1.0
Verrazzano	VE0005_C	142.3	6.4	0.00	112.13	2.53	3.94	1.02	112.13	0.79	4.1	9999.99	1.5	3.9	6.2	1.30	0.32	0.55	0.51	70.58	1.0	1.0
Verrazzano	VE0005_D	143.3	6.5	0.89	112.13	2.85	2.81	1.02	112.13	0.40	8.7	1.92	3.9	3.9	5.6	1.15	0.75	0.75	1.33	84.80	1.0	1.0
Verrazzano	VE0006__	146.2	7.1	3.10	112.13	3.00	2.85	1.02	112.13	0.41	10.4	2.14	3.9	3.9	6.0	1.22	0.84	0.84	1.40	88.06	1.0	1.0
Verrazzano	VE0007__	159.9	-10.1	7.11	112.12	3.86	2.93	1.02	112.14	0.44	22.4	3.02	4.2	4.2	6.0	1.71	1.27	1.27	2.12	90.73	1.0	1.0
Verrazzano	VE0008__	178.8	-16.4	8.57	112.10	4.16	2.86	1.00	112.16	0.42	26.5	3.60	3.6	3.6	5.6	1.93	1.29	1.29	2.31	94.97	1.0	1.0
Verrazzano	VE0009__	201.9	-22.6	6.42	112.13	4.75	2.95	1.01	112.18	0.44	47.2	3.63	6.1	6.1	7.5	2.03	2.22	2.22	2.99	101.62	1.0	1.0
Castiglionchio	CA0049_A	0.0	88.7	0.00	100.92	5.56	1.29	0.44	100.99	0.08	148.4	3.06	23.2	23.2	27.0	1.93	7.11	7.11	2.63	126.54	1.0	1.0
Castiglionchio	CA0048_B	6.6	88.7	0.00	100.51	5.08	2.96	0.67	100.88	0.45	81.3	11.57	19.7	19.7	33.8	1.86	3.27	3.27	1.13	95.55	1.0	1.0
Castiglionchio	CA0047_C	16.4	88.7	0.00	99.81	4.58	6.00	1.00	100.56	1.83	71.0	3.67	15.4	15.4	27.5	1.66	2.32	2.32	0.94	89.72	1.0	1.0
Castiglionchio	CA0046_D	21.3	88.7	0.00	98.03	3.11	4.32	1.00	98.99	0.95	63.4	1.91	10.8	10.8	12.8	1.18	2.05	2.05	1.60	107.21	1.0	1.0
Castiglionchio	CA0045__	67.9	88.8	-2.06	97.51	3.48	3.33	1.00	97.87	0.56	63.3	1.54	22.0	22.0	24.2	1.17	3.35	3.35	1.38	101.91	1.0	1.0
Castiglionchio	CA0044__	91.6	82.9	6.11	97.67	3.96	2.94	1.00	97.75	0.44	89.9	1.71	38.7	38.7	41.2	1.20	6.64	6.64	1.61	107.40	1.0	1.0
Castiglionchio	CA0043_A	110.1	78.0	4.91	97.68	4.44	2.47	1.00	97.73	0.31	109.4	2.06	36.5	43.2	38.5	1.35	7.52	7.78	1.95	114.47	1.0	1.0
Castiglionchio	CA0042_B	120.2	78.0	0.00	97.02	4.39	5.23	1.25	97.53	1.40	57.4	3.92	24.1	24.1	35.4	1.68	2.47	2.47	1.01	92.07	1.0	1.0
Castiglionchio	CA0041_C	258.8	78.6	0.00	93.60	4.12	5.01	1.00	93.97	1.28	57.6	2.55	15.7	15.7	29.4	1.38	2.64	2.64	1.06	93.64	1.0	1.0
Castiglionchio	CA0040_D	264.0	77.6	1.08	92.74	3.62	4.64	1.00	93.48	1.10	50.8	2.20	22.1	23.3	27.4	1.32	2.38	2.38	1.33	100.93	1.0	1.0
Castiglionchio	CA0039__	269.6	76.7	1.62	92.25	3.19	3.08	1.00	92.68	0.48	45.5	1.39	25.7	25.7	27.7	0.90	2.63	2.63	1.11	94.91	1.0	1.0
Castiglionchio	CA0038__	275.8	75.5	1.24	92.27	3.46	2.98	1.00	92.58	0.45	46.7	1.54	24.9	25.8	28.2	1.00	2.97	2.99	1.22	98.09	1.0	1.0
Castiglionchio	CA0037__	288.4	67.2	8.49	92.33	3.79	2.09	0.56	92.51	0.22	52.7	1.63	22.4	34.5	24.3	1.12	3.58	4.60	1.47	104.42	1.0	1.0
Castiglionchio	CA0036__	299.7	53.5	16.55	92.37	4.01	1.49	0.38	92.47	0.11	52.3	1.84	21.1	40.5	23.6	1.20	3.70	5.44	1.57	106.57	1.0	1.0
Castiglionchio	CA0035_A	306.5	47.3	7.45	92.37	4.09	1.52	0.36	92.46	0.12	47.5	2.10	20.9	28.9	24.3	1.25	3.50	4.17	1.44	103.53	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
Castiglionchio	CA0035_B	307.9	47.3	0.00	92.32	4.04	1.67	0.52	92.45	0.14	43.3	9999.99	20.9	28.9	35.6	1.34	2.99	3.63	1.23	98.28	1.0	1.0
Castiglionchio	CA0035_C	312.0	47.3	0.00	92.30	4.02	1.77	0.55	92.43	0.16	42.9	9999.99	20.9	28.9	35.6	1.37	2.95	3.57	1.23	98.22	1.0	1.0
Castiglionchio	CA0034_D	313.0	43.3	4.37	92.33	4.05	1.65	0.34	92.41	0.14	47.4	2.64	19.2	28.5	24.1	1.37	3.40	4.07	1.41	102.94	1.0	1.0
Castiglionchio	CA0033_A	316.7	30.0	13.72	92.37	4.21	1.30	0.31	92.40	0.09	54.1	1.95	22.0	22.0	25.0	1.22	4.26	4.26	1.71	109.58	1.0	1.0
Castiglionchio	CA0032_B	321.3	30.0	0.00	92.33	4.14	1.96	0.43	92.38	0.20	41.3	5.12	13.4	15.0	26.4	1.39	2.85	3.05	1.08	94.08	1.0	1.0
Castiglionchio	CA0031_C	378.7	30.0	0.00	90.31	2.12	4.56	1.01	91.37	1.06	20.3	2.13	3.6	3.6	6.9	0.97	0.66	0.66	0.95	90.20	1.0	1.0
Castiglionchio	CA0030_D	385.1	30.0	0.00	88.46	1.62	3.08	1.01	88.94	0.48	15.2	0.96	10.2	10.2	10.8	0.59	0.98	0.98	0.91	88.64	1.0	1.0
Castiglionchio	CA0029__	397.7	46.7	-12.18	87.99	3.34	2.67	1.00	88.09	0.36	51.7	2.43	13.6	13.6	16.6	1.36	3.31	3.31	1.99	115.39	1.0	1.0
Castiglionchio	CA0028__	426.3	63.1	-16.44	87.90	3.90	1.83	1.00	88.06	0.17	68.9	2.87	12.1	12.1	14.8	1.66	3.48	3.48	2.35	121.94	1.0	1.0
Castiglionchio	CA0027__	443.1	55.0	9.00	87.77	4.32	2.40	0.68	88.02	0.29	54.2	2.78	8.7	12.6	12.8	1.73	2.43	3.05	1.89	113.40	1.0	1.0
Castiglionchio	CA0026__	449.2	52.7	4.45	87.80	4.24	2.79	0.63	88.00	0.40	49.9	2.54	14.1	19.0	19.8	1.57	2.55	3.38	1.29	99.82	1.0	1.0
Castiglionchio	CA0025__	461.3	53.7	4.16	87.41	3.84	4.42	1.00	87.91	1.00	44.4	3.66	4.2	14.2	9.3	1.90	1.52	3.49	1.65	98.29	1.0	1.0
Castiglionchio	CA0024__	483.5	61.4	-13.38	86.57	3.46	4.92	1.00	87.58	1.23	50.7	3.32	4.1	18.4	9.9	1.70	1.35	2.24	1.35	97.54	1.0	1.0
Castiglionchio	CA0023_A	492.9	46.3	15.83	87.05	4.14	2.30	0.57	87.31	0.27	51.9	4.13	4.9	15.6	11.1	2.04	2.02	3.79	1.83	103.91	1.0	1.0
Castiglionchio	CA0023_B	493.9	46.3	0.00	86.88	3.99	2.80	0.53	87.27	0.40	49.7	9999.99	4.9	20.4	19.4	2.21	1.66	3.27	1.23	98.23	1.0	1.0
Castiglionchio	CA0022_C	505.6	46.4	0.00	86.73	3.99	2.82	0.81	87.13	0.41	48.7	9999.99	4.9	10.0	19.9	2.15	1.65	3.19	1.22	97.91	1.0	1.0
Castiglionchio	CA0021_D	512.7	46.5	0.00	86.66	4.04	2.76	0.51	87.03	0.39	50.5	9999.99	5.2	21.6	20.4	2.23	1.69	2.89	1.31	100.33	1.0	1.0
Castiglionchio	CA0021_E	513.7	44.6	1.87	86.72	4.09	2.22	0.42	86.96	0.25	50.2	3.75	5.4	21.6	11.4	1.98	2.04	3.30	1.79	106.80	1.0	1.0
Castiglionchio	CA0020__	521.4	50.6	-6.35	86.07	3.40	4.06	1.00	86.86	0.84	41.2	2.98	4.4	14.7	10.4	1.64	1.28	1.54	1.24	98.52	1.0	1.0
Castiglionchio	CA0019__	536.9	53.0	-2.42	86.08	3.84	3.51	0.69	86.64	0.63	45.4	2.86	5.8	14.5	12.8	1.74	1.58	2.35	1.23	98.39	1.0	1.0
Castiglionchio	CA0018__	552.1	53.0	0.00	85.92	3.87	3.63	0.72	86.50	0.67	44.7	2.85	5.5	5.5	12.2	1.71	1.56	1.56	1.28	99.53	1.0	1.0
Castiglionchio	CA0017__	564.3	52.7	0.52	86.01	3.99	2.81	0.53	86.36	0.40	49.9	2.98	6.7	11.8	13.7	1.81	1.98	2.26	1.45	103.74	1.0	1.0
Castiglionchio	CA0016__	579.1	50.6	3.27	85.83	4.13	3.09	0.60	86.28	0.49	45.3	2.89	5.9	5.9	12.7	1.77	1.70	1.74	1.34	99.41	1.0	1.0
Castiglionchio	CA0015__	598.7	45.9	6.97	85.85	4.57	2.37	0.41	86.14	0.29	49.1	3.36	5.7	13.8	13.1	1.97	1.93	2.49	1.48	102.58	1.0	1.0
Castiglionchio	CA0014__	601.7	45.7	0.41	85.63	3.69	3.08	1.00	86.11	0.48	38.3	2.85	5.2	5.2	11.5	1.61	1.48	1.48	1.29	99.96	1.0	1.0
Castiglionchio	CA0013__	607.8	41.5	4.46	85.85	4.81	1.81	0.30	86.01	0.17	57.9	3.84	6.0	6.5	13.9	2.19	2.30	2.63	1.66	104.42	1.0	1.0
Castiglionchio	CA0012__	621.9	41.6	0.00	85.50	3.82	2.96	0.63	85.93	0.45	36.0	2.71	5.3	5.3	12.1	1.67	1.42	1.42	1.17	96.66	1.0	1.0
Castiglionchio	CA0011__	630.0	41.6	0.00	84.50	2.87	4.95	1.02	85.74	1.25	31.8	2.46	3.4	3.4	8.6	1.29	0.84	0.84	0.98	91.15	1.0	1.0
Castiglionchio	CA0010_A	638.6	41.6	0.00	84.10	3.80	3.74	0.75	84.65	0.71	34.7	2.75	4.9	4.9	11.8	1.66	1.26	1.26	1.07	93.78	1.0	1.0
Castiglionchio	CA0010_B	639.1	41.6	0.00	83.45	3.14	4.59	1.00	84.49	1.07	32.9	9999.99	3.4	3.4	12.3	1.51	0.91	0.91	1.02	92.28	1.0	1.0
Castiglionchio	CA0010_C	639.6	41.6	0.00	83.14	2.84	4.97	1.02	84.40	1.26	32.1	2.48	3.4	3.4	8.5	1.32	0.84	0.84	0.99	91.39	1.0	1.0
Castiglionchio	CA0010_D	640.1	41.6	0.00	83.09	2.81	4.94	1.02	84.32	1.24	31.8	2.45	3.5	3.5	8.4	1.29	0.85	0.85	1.00	91.87	1.0	1.0
Castiglionchio	CA0009__	642.0	41.6	0.00	82.99	2.71	4.88	1.02	84.20	1.21	31.4	2.39	3.6	3.6	8.4	1.26	0.86	0.86	1.02	92.30	1.0	1.0
Castiglionchio	CA0008__	649.0	46.9	-6.90	82.62	3.39	4.68	1.00	83.40	1.11	38.1	3.10	3.9	3.9	10.0	1.63	1.20	1.20	1.19	97.33	1.0	1.0
Castiglionchio	CA0007__	672.9	47.3	-0.55	82.83	3.39	3.92	1.00	83.10	0.78	44.9	3.08	6.7	9.4	12.3	1.64	2.06	2.17	1.67	108.73	1.0	1.0
Castiglionchio	CA0006__	686.4	59.6	-14.86	82.63	4.71	3.62	1.00	83.03	0.67	60.7	4.04	5.0	14.2	11.2	2.15	2.04	3.15	1.81	105.84	1.0	1.0
Castiglionchio	CA0005__	716.6	55.9	6.35	82.83	5.79	1.24	0.21	82.89	0.08	133.4	5.39	8.7	11.1	18.0	2.73	4.66	4.95	2.60	123.27	1.0	1.0
Castiglionchio	CA0004_A	724.2	54.3	2.14	82.83	5.79	1.25	0.21	82.88	0.08	132.9	5.39	8.7	11.1	18.0	2.73	4.66	4.95	2.60	123.26	1.0	1.0
Castiglionchio	CA0004_B	725.2	54.3	0.00	82.65	5.61	2.41	0.44	82.84	0.30	103.1	9999.99	8.3	11.1	29.2	3.71	2.52	2.79	1.36	101.59	1.0	1.0
Castiglionchio	CA0003_C	734.0	54.3	0.00	82.59	5.56	2.44	0.44	82.79	0.30	100.9	9999.99	8.3	11.1	29.2	3.69	2.47	2.73	1.36	101.59	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
Castiglionchio	CA0003_D	734.5	54.1	0.83	82.65	5.22	1.92	1.00	82.73	0.19	106.0	4.74	8.6	9.1	13.6	2.47	4.05	4.05	2.99	111.73	1.0	1.0
Castiglionchio	CA0002__	744.6	73.3	-26.19	82.00	5.11	5.79	1.02	82.46	1.71	65.8	5.34	3.7	5.9	11.3	2.37	1.96	1.96	1.73	93.53	1.0	1.0
Castiglionchio	CA0002__-01-CA0001__	790.3	101.6	-27.44	82.01	6.12	5.26	1.02	82.02	1.41	90.4	4.88	6.9	7.6	11.9	2.69	3.35	3.35	2.80	108.94	1.0	1.0
Castiglionchio	CA0002__-02-CA0001__	836.0	103.6	11.85	82.01	7.12	4.90	1.02	82.01	1.23	154.8	5.69	8.8	9.3	13.0	3.10	4.99	4.99	3.86	120.63	1.0	1.0
Castiglionchio	CA0002__-03-CA0001__	881.6	108.9	-9.56	82.01	8.13	4.79	1.02	82.01	1.17	243.9	6.46	10.7	10.9	14.2	3.53	6.91	6.91	4.89	130.09	1.0	1.0
Castiglionchio	CA0001__	927.3	108.1	0.00	82.01	9.13	4.64	1.01	82.01	1.10	361.3	7.22	12.6	12.6	15.4	3.97	9.10	9.10	5.90	138.19	1.0	1.0

Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s
	[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]
SF040__	362.94	SF146__	-277.0	SF664__	143.52	SF379__	35.61	SF1051__	2.25	SF1118__	-7.51	SF3060__	1.91	SF3127__	-1.55	SF3194__	4.28
SF043__	0.00	SF147__	104.30	SF665__	108.98	SF380__	-18.04	SF1052__	7.08	SF1119__	-30.22	SF3061__	2.51	SF3128__	-1.37	SF3195__	4.28
SF044__	139.77	SF148__	0.00	SF666__	104.11	SF381__	10.25	SF1053__	2.19	SF632__	5.40	SF3062__	6.86	SF3129__	-2.41	SF3196__	3.73
SF045__	328.46	SF149__	-152.1	SF667__	11.93	SF382__	-7.15	SF1054__	15.54	SF634__	0.00	SF3063__	6.86	SF3130__	-2.01	SF3197__	3.78
SF046__	-200.7	SF150__	-374.2	SF668__	0.00	SF383__	-28.46	SF1055__	-2.96	SF635__	0.00	SF3064__	0.00	SF3131__	-2.07	SF3198__	0.45
SF047__	-89.74	SF151__	400.77	SF669__	590.51	SF384__	-3.58	SF1056__	15.52	SF637__	0.00	SF3065__	0.00	SF3132__	0.09	SF3199__	0.45
SF048__	615.97	SF152__	0.00	SF670__	193.52	SF385__	19.96	SF1057__	-4.54	SF641__	0.00	SF3066__	-12.18	SF3133__	0.10	SF3200__	8.48
SF049__	50.25	SF153__	0.00	SF671__	63.52	SF386__	6.17	SF1058__	-13.45	SF3001__	0.00	SF3067__	0.00	SF3134__	0.89	SF3201__	5.58
SF050__	0.00	SF154__	0.00	SF672__	36.30	SF387__	14.09	SF1059__	9.50	SF3002__	144.17	SF3068__	-16.44	SF3135__	0.93	SF3202__	0.00
SF051__	44.74	SF155__	0.00	SF673__	54.45	SF388__	-1.94	SF1060__	-16.42	SF3003__	0.00	SF3069__	0.00	SF3136__	3.64	SF3203__	0.00
SF052__	-337.9	SF156__	0.00	SF674__	54.45	SF389__	-1.62	SF1061__	8.11	SF3004__	119.64	SF3070__	9.00	SF3137__	3.15	SF3204__	0.00
SF053__	0.00	SF157__	0.00	SF675__	72.60	SF390__	3.36	SF1062__	-24.02	SF3005__	0.00	SF3071__	0.00	SF3138__	0.73	SF3205__	0.00
SF054__	-80.17	SF365__	0.00	SF676__	72.60	SF391__	-8.42	SF1063__	-3.75	SF3006__	13.26	SF3072__	4.45	SF3139__	0.04	SF3206__	0.00
SF055__	96.80	SF366__	-195.5	SF677__	81.67	SF392__	25.87	SF1064__	-20.41	SF3007__	0.00	SF3073__	0.00	SF3104__	6.12	SF3207__	0.00
SF056__	-10.34	SF367__	104.81	SF678__	43.69	SF393__	24.17	SF1065__	5.17	SF3008__	10.00	SF3074__	4.16	SF3141__	3.57	SF3208__	0.00
SF057__	729.34	SF368__	-13.22	SF679__	51.12	SF394__	-44.16	SF1066__	-21.99	SF3009__	0.00	SF3075__	0.00	SF3142__	-0.04	SF3209__	0.00
SF058__	310.82	SF369__	69.18	SF680__	0.00	SF399__	-10.01	SF1067__	4.28	SF3009__	4.10	SF3076__	-2.90	SF3143__	0.01	SF3210__	1.55
SF059__	0.00	SF370__	44.74	SF681__	0.00	SF400__	69.76	SF1068__	-23.92	SF3010__	0.17	SF3077__	-10.78	SF3144__	-0.63	SF3211__	1.55
SF060__	0.00	SF371__	0.00	SF682__	0.00	SF1002__	20.12	SF1069__	4.07	SF3011__	40.57	SF3078__	7.62	SF3145__	-0.64	SF3212__	0.00
SF061__	420.19	SF372__	0.00	SF683__	0.00	SF1003__	80.22	SF1070__	-25.32	SF3012__	0.99	SF3079__	8.21	SF3146__	-0.03	SF3213__	0.00
SF071__	-752.9	SF373__	95.14	SF684__	0.00	SF1004__	50.98	SF1071__	3.67	SF3013__	7.04	SF3080__	-3.17	SF3147__	-0.03	SF3214__	0.00
SF072__	196.70	SF395__	59.77	SF685__	0.00	SF1005__	75.73	SF1072__	-27.05	SF3014__	-1.72	SF3081__	-3.17	SF3148__	0.00	SF3215__	0.00
SF099__	-531.7	SF396__	-11.07	SF690__	0.00	SF1006__	-15.53	SF1073__	3.06	SF3015__	-6.81	SF3082__	-0.05	SF3149__	0.00	SF3216__	0.00
SF100__	-273.3	SF397__	-132.3	SF691__	134.53	SF1007__	70.96	SF1074__	10.87	SF3016__	-0.49	SF3083__	-2.38	SF3150__	0.00	SF3217__	0.00
SF101__	-40.30	SF398__	-176.5	SF692__	0.00	SF1008__	-14.69	SF1075__	-4.64	SF3017__	-9.72	SF3084__	0.00	SF3151__	0.00	SF3218__	-13.86
SF102__	-339.9	SF401__	46.19	SF693__	0.00	SF1009__	65.62	SF1076__	6.50	SF3018__	0.00	SF3085__	0.00	SF3152__	0.00	SF3219__	-13.59
SF104__	-345.1	SF402__	-86.67	SF694__	0.00	SF1010__	-15.98	SF1077__	-7.79	SF3019__	-31.40	SF3086__	0.22	SF3153__	0.00	SF3220__	5.93
SF105__	0.00	SF403__	-31.26	SF695__	0.00	SF1011__	60.37	SF1078__	7.37	SF3020__	0.00	SF3087__	0.30	SF3154__	-0.82	SF3221__	5.93
SF106__	0.00	SF404__	61.39	SF696__	0.00	SF1012__	-24.68	SF1079__	-8.02	SF3021__	-36.73	SF3088__	0.05	SF3155__	0.00	SF3222__	1.68
SF107__	-367.7	SF405__	253.67	SF697__	27.51	SF1013__	55.89	SF1080__	8.68	SF3022__	0.00	SF3089__	3.27	SF3156__	0.00	SF3223__	-8.97
SF108__	291.72	SF406__	146.56	SF698__	0.00	SF1014__	-22.13	SF1081__	-4.35	SF3023__	-10.72	SF3090__	0.40	SF3157__	-3.03	SF3224__	-4.45
SF109__	-444.0	SF407__	194.40	SF699__	1.22	SF1015__	50.09	SF1082__	8.43	SF3024__	0.00	SF3091__	6.67	SF3158__	-2.24	SF3225__	-3.47
SF110__	199.07	SF408__	0.00	SF700__	0.00	SF1016__	-19.68	SF1083__	-5.55	SF3025__	0.00	SF3092__	0.00	SF3159__	-1.94	SF3226__	-5.16
SF111__	0.03	SF412__	-4.31	SF701__	0.00	SF1017__	44.02	SF1084__	7.06	SF3026__	0.00	SF3093__	0.41	SF3160__	-5.14	SF3227__	-5.03
SF112__	-13.84	SF413__	0.00	SF702__	0.00	SF1018__	-32.77	SF1085__	-6.91	SF3027__	0.00	SF3094__	2.06	SF3161__	-5.43	SF3228__	-0.29
SF113__	1.33	SF414__	-229.7	SF703__	-65.72	SF1019__	37.20	SF1086__	29.04	SF3028__	0.00	SF3095__	2.50	SF3162__	-1.97	SF3229__	-0.30
SF114__	34.86	SF415__	-134.9	SF704__	-67.35	SF1020__	-37.20	SF1087__	-7.89	SF3029__	0.00	SF3096__	0.00	SF3163__	-2.15	SF3230__	-0.91



Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s
	[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]
SF115__	0.00	SF618__	0.00	SF705__	-41.00	SF1021__	33.12	SF1088__	31.86	SF3030__	0.00	SF3097__	0.00	SF3164__	-2.42	SF3231__	-1.37
SF116__	0.00	SF619__	1.37	SF706__	-100.4	SF1022__	12.17	SF1089__	-8.00	SF3031__	0.00	SF3098__	0.00	SF3165__	-1.99	SF3232__	20.20
SF117__	-303.3	SF620__	0.00	SF707__	0.00	SF1023__	0.00	SF1090__	34.53	SF3032__	0.00	SF3099__	0.00	SF3166__	0.00	SF3233__	4.63
SF118__	-13.94	SF621__	0.32	SF708__	0.00	SF1024__	6.99	SF1091__	-10.26	SF3033__	-10.17	SF3100__	0.00	SF3167__	0.00	SF3234__	14.01
SF119__	12.17	SF622__	0.00	SF709__	0.00	SF1025__	0.00	SF1092__	37.51	SF3034__	0.00	SF3101__	0.00	SF3168__	0.00	SF3235__	-11.04
SF120__	788.20	SF623__	1.16	SF717__	1.40	SF1026__	2.65	SF1093__	-11.67	SF3035__	-35.90	SF3102__	0.00	SF3169__	0.00	SF3236__	6.63
SF121__	-1075	SF624__	0.51	SF766__	35.85	SF1027__	10.94	SF1094__	38.01	SF3036__	0.00	SF3103__	0.00	SF3170__	7.63	SF3237__	9.90
SF122__	0.00	SF625__	15.57	SF767__	7.76	SF1028__	-3.95	SF1095__	-14.33	SF3037__	-69.27	SF3104__	-6.90	SF3171__	7.61	SF3238__	9.90
SF123__	0.00	SF642__	48.58	SF769__	36.24	SF1029__	15.42	SF1096__	-18.17	SF3038__	0.00	SF3105__	0.00	SF3172__	-1.66	SF3239__	9.90
SF124__	-2.28	SF643__	6.02	SF770__	9.75	SF1030__	-6.71	SF1097__	-16.84	SF3039__	0.00	SF3106__	-0.15	SF3173__	-1.66	SF3240__	9.90
SF125__	12.13	SF644__	261.10	SF771__	-1.83	SF1031__	13.72	SF1098__	-26.02	SF3040__	0.00	SF3107__	-0.39	SF3174__	1.12	SF3241__	13.61
SF126__	0.00	SF645__	0.00	SF772__	-0.54	SF1032__	-14.18	SF1099__	-22.95	SF3041__	0.00	SF3108__	-6.19	SF3175__	1.12	SF3242__	13.66
SF127__	0.00	SF646__	0.00	SF773__	-0.54	SF1033__	23.96	SF1100__	-36.68	SF3042__	-2.06	SF3109__	-8.67	SF3176__	0.87	SF3243__	12.74
SF128__	0.00	SF647__	0.00	SF776__	0.00	SF1034__	-20.93	SF1101__	-27.52	SF3043__	0.00	SF3110__	3.38	SF3177__	0.87	SF3244__	3.86
SF129__	0.00	SF648__	0.00	SF777__	0.00	SF1035__	25.99	SF1102__	-34.77	SF3044__	6.11	SF3111__	3.18	SF3178__	1.47	SF3245__	1.61
SF130__	5.28	SF649__	0.00	SF778__	0.00	SF1036__	-31.04	SF1103__	-11.53	SF3045__	0.00	SF3112__	1.57	SF3179__	1.47	SF3246__	2.54
SF131__	0.00	SF650__	0.00	SF779__	0.00	SF1037__	21.34	SF1104__	-34.60	SF3046__	4.91	SF3113__	-0.76	SF3180__	72.28	SF3247__	0.00
SF132__	6.61	SF651__	0.00	SF780__	0.00	SF1038__	14.86	SF1105__	-11.54	SF3047__	0.00	SF3114__	0.52	SF3181__	-6.92	SF3248__	1.86
SF133__	0.00	SF652__	0.00	SF782__	6.15	SF1039__	17.86	SF1106__	-63.78	SF3048__	0.41	SF3115__	0.31	SF3182__	14.05	SF3249__	0.27
SF134__	582.81	SF653__	0.00	SF783__	-12.71	SF1040__	8.99	SF1107__	12.99	SF3049__	0.68	SF3116__	-13.10	SF3183__	3.54	SF3250__	0.00
SF135__	0.00	SF654__	0.00	SF784__	14.17	SF1041__	13.61	SF1108__	-67.20	SF3050__	1.29	SF3117__	-13.09	SF3184__	22.94	SF3251__	0.00
SF136__	299.77	SF655__	0.00	SF785__	-13.60	SF1042__	4.02	SF1109__	12.39	SF3051__	0.41	SF3118__	1.40	SF3185__	5.08	SF3252__	0.00
SF137__	0.00	SF656__	0.00	SF786__	-26.75	SF1043__	10.32	SF1110__	-68.97	SF3052__	0.42	SF3119__	0.62	SF3186__	25.29	SF3253__	0.00
SF138__	0.00	SF657__	0.00	SF787__	-42.36	SF1044__	-2.31	SF1111__	12.00	SF3053__	1.10	SF3120__	0.00	SF3187__	5.02	SF3254__	0.00
SF139__	532.19	SF658__	0.00	SF788__	-22.54	SF1045__	2.66	SF1112__	-70.70	SF3054__	3.90	SF3121__	0.00	SF3188__	29.59	SF3255__	0.00
SF140__	0.72	SF659__	0.00	SF374__	-73.84	SF1046__	-3.14	SF1113__	11.50	SF3055__	4.60	SF3122__	0.05	SF3189__	-8.30	-	-
SF142__	-0.33	SF660__	68.21	SF375__	-69.43	SF1047__	2.00	SF1114__	-71.54	SF3056__	8.27	SF3123__	-0.07	SF3190__	48.76	-	-
SF143__	2.82	SF661__	91.54	SF376__	11.95	SF1048__	-3.55	SF1115__	11.07	SF3057__	8.27	SF3124__	-0.59	SF3191__	8.75	-	-
SF144__	1.39	SF662__	68.21	SF377__	-60.50	SF1049__	2.01	SF1116__	3.34	SF3058__	3.98	SF3125__	-0.59	SF3192__	3.21	-	-
SF145__	1.29	SF663__	102.32	SF378__	7.86	SF1050__	-4.17	SF1117__	-1.92	SF3059__	3.69	SF3126__	-1.08	SF3193__	3.21	-	-

Cassa	H [m]	V [m³]	s [m³/s]
V2-001	114.53	324284.1	16.65
V2-002-01	114.63	898345.6	-45.97
V2-002-02	114.62	56134.7	2.97
V2-003	113.58	1273572.0	-58.83
V2-005	114.11	0.0	0.00
V2-007-01	116.01	0.0	0.00
V2-007-02	114.92	0.0	0.00
V2-008	86.79	201024.9	71.27
V2-011	100.75	0.0	0.00
V2-012-01	79.52	346387.0	83.92
V2-015	99.43	0.0	0.00
V2-017	89.56	0.0	0.00
V2-019	85.99	310491.4	88.61
V2-021-01	81.43	80238.5	-208.4
V2-021-02	80.17	0.0	0.00
V2-022-01	109.17	61322.4	11.63
V2-022-02	110.95	27700.5	8.02
V2-023	113.16	2474881.0	112.03
V2-025-01	112.57	2012777.0	272.63
V2-025-02	112.91	1503030.0	138.65
V3-003-01	74.85	63955.1	16.80
V3-003-02	75.11	153818.2	44.07
V3-003-03	78.42	154004.6	58.54
V3-003-04	75.11	7803.1	1.22
V3-003-05	78.04	0.0	0.00
V3-004	74.06	179611.6	-60.88
V3-005-01	71.52	121257.2	-46.79
V3-005-02	72.33	70818.4	12.14
V3-005-03	73.28	94236.7	-36.35
V3-006-02	71.30	134015.8	-37.68
V2_01	3.48	1451944.0	69.73
V2-012-02	1.95	82197.1	-24.67

## STATO ATTUALE

Tabulati verifiche idrauliche  $T_r = 500$  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
Arno_01	ARB0750__	-141006.8	3020.2	0.00	116.75	12.60	2.58	0.29	117.08	0.34	6849.1	8.42	139.2	139.2	145.3	5.17	117.23	117.23	8.07	117.75	1.0	1.0
Arno_01	ARB07492__	-140896.3	3017.7	0.00	116.71	11.76	2.41	0.33	117.00	0.29	6911.7	9.01	139.5	139.5	146.6	4.91	125.70	125.70	8.58	120.18	1.0	1.0
Arno_01	ARB07491__	-140868.1	3017.6	0.00	116.71	11.55	2.35	0.28	116.99	0.28	7134.8	9.17	140.0	140.0	146.9	5.00	128.41	128.41	8.74	120.93	1.0	1.0
Arno_01	ARB0749__	-140784.8	3017.5	0.00	116.32	12.41	3.37	0.37	116.89	0.58	5713.2	8.66	103.8	107.8	109.7	5.21	89.88	90.44	8.19	118.37	1.0	1.0
Arno_01	ARB0748__	-140724.3	3018.0	0.00	116.23	11.58	3.42	0.37	116.82	0.59	5445.2	8.68	102.5	108.3	110.1	4.97	88.55	89.94	8.08	117.81	1.0	1.0
Arno_01	ARB0747__	-140598.6	3000.4	20.40	115.76	12.87	4.10	0.46	116.60	0.86	5166.9	8.44	87.3	87.3	95.0	5.33	73.68	73.68	7.76	116.22	1.0	1.0
Arno_01	ARB0746__	-140349.7	2847.9	197.15	115.65	12.07	3.24	0.34	116.18	0.54	5476.8	9.31	96.3	98.0	102.9	5.15	88.16	88.16	8.78	121.12	1.0	1.0
Arno_01	ARB0745__	-139985.1	2246.2	614.95	115.69	12.10	1.88	0.24	115.87	0.18	6798.8	8.70	137.6	137.6	141.2	5.32	119.70	119.70	8.48	110.16	1.0	1.0
Arno_01	ARB0744__	-139695.5	2222.5	58.98	115.41	12.47	2.46	0.27	115.72	0.31	5654.6	9.98	90.7	96.1	100.4	5.63	90.52	90.52	9.01	114.29	1.0	1.0
Arno_01	ARB0743__	-139520.9	2253.9	-113.33	115.33	12.86	2.41	0.25	115.62	0.30	6049.8	10.39	90.0	90.0	94.8	5.88	93.46	93.46	9.86	118.03	1.0	1.0
Arno_01	ARB0742A__	-139289.9	2360.3	-312.99	115.18	13.24	2.72	0.30	115.50	0.38	6097.8	10.48	89.4	89.4	93.8	5.86	93.74	93.74	9.99	115.12	1.0	1.0
Arno_01	ARB0742B__	-139283.8	2360.4	0.00	114.98	13.05	3.22	0.36	115.44	0.53	5615.8	9999.99	89.4	89.4	312.1	6.23	78.52	78.52	5.24	102.00	1.0	1.0
Arno_01	ARB0742C__	-139272.0	2360.6	0.00	114.91	12.98	3.22	0.36	115.38	0.53	5555.1	9999.99	89.4	89.4	312.1	6.20	77.87	77.87	5.26	102.09	1.0	1.0
Arno_01	ARB0742D__	-139267.0	2335.3	61.55	114.97	13.04	2.73	0.30	115.30	0.38	5894.1	10.27	89.4	89.4	93.8	5.76	91.87	91.87	9.79	114.63	1.0	1.0
Arno_01	ARB0742__	-139236.4	2335.6	0.00	114.95	13.27	2.74	0.29	115.28	0.38	6046.3	10.42	87.7	87.7	92.8	5.95	91.37	91.37	9.85	116.47	1.0	1.0
Arno_02	ARB0742__	-139236.4	2257.7	109.85	114.95	13.27	2.62	0.28	115.26	0.35	6003.4	10.42	87.7	87.7	92.8	5.95	91.37	91.37	9.85	116.47	1.0	1.0
Arno_02	ARB0742__-01-ARB0741__	-139190.0	2199.1	95.53	114.93	13.06	2.56	0.27	115.23	0.33	5832.7	10.75	83.9	88.3	93.1	5.86	90.19	90.19	9.69	115.50	1.0	1.0
Arno_02	ARB0742__-02-ARB0741__	-139143.6	2143.5	109.77	114.92	12.85	2.51	0.27	115.21	0.32	5668.8	10.30	86.4	89.0	93.5	5.78	89.02	89.02	9.52	114.48	1.0	1.0
Arno_02	ARB0742__-03-ARB0741__	-139097.1	2092.1	75.33	114.90	12.64	2.47	0.27	115.19	0.31	5489.3	9.79	89.6	89.6	94.0	5.68	87.75	87.75	9.34	113.77	1.0	1.0
Arno_02	ARB0742__-04-ARB0741__	-139050.7	2044.8	68.45	114.87	12.42	2.43	0.27	115.16	0.30	5309.7	9.57	90.3	90.3	94.5	5.57	86.41	86.41	9.15	113.03	1.0	1.0
Arno_02	ARB0742__-05-ARB0741__	-139004.3	2004.4	62.59	114.85	12.20	2.40	0.27	115.13	0.29	5136.1	9.35	90.9	90.9	95.0	5.47	85.05	85.05	8.95	112.28	1.0	1.0
Arno_02	ARB0742__-06-ARB0741__	-138957.9	1970.4	56.12	114.83	11.99	2.38	0.28	115.11	0.29	4967.8	9.14	91.6	91.6	95.6	5.37	83.67	83.67	8.75	111.49	1.0	1.0
Arno_02	ARB0742__-07-ARB0741__	-138911.5	1942.9	49.17	114.81	11.77	2.37	0.28	115.09	0.29	4803.8	8.92	92.2	92.2	96.2	5.27	82.25	82.25	8.55	110.69	1.0	1.0
Arno_02	ARB0742__-08-ARB0741__	-138865.0	1922.2	42.07	114.77	11.54	2.38	0.29	115.06	0.29	4635.4	8.69	92.9	92.9	96.8	5.17	80.69	80.69	8.34	109.84	1.0	1.0
Arno_02	ARB0742__-09-ARB0741__	-138818.6	1909.7	37.97	114.74	11.31	2.42	0.30	115.03	0.30	4474.5	8.46	93.5	93.5	97.4	5.06	79.11	79.11	8.12	108.97	1.0	1.0
Arno_02	ARB0742__-10-ARB0741__	-138772.2	1911.7	35.37	114.69	11.07	2.48	0.32	115.00	0.31	4311.2	8.21	94.2	94.2	98.1	4.95	77.35	77.35	7.88	108.04	1.0	1.0
Arno_02	ARB0741__	-138725.7	1938.2	29.77	114.63	10.82	2.59	0.33	114.96	0.34	4152.8	7.95	94.8	94.8	99.0	4.84	75.39	75.39	7.62	106.98	1.0	1.0
Arno_02	ARB0741__-01-ARB0740__	-138681.5	1934.5	13.01	114.58	10.69	2.60	0.34	114.92	0.35	4079.2	7.92	94.3	94.3	98.1	4.78	74.73	74.73	7.62	107.31	1.0	1.0
Arno_02	ARB0741__-02-ARB0740__	-138637.4	1933.6	7.88	114.54	10.56	2.63	0.34	114.88	0.35	4008.0	7.89	93.8	93.8	97.5	4.72	74.02	74.02	7.59	107.52	1.0	1.0
Arno_02	ARB0741__-03-ARB0740__	-138593.2	1909.5	24.10	114.50	10.45	2.63	0.35	114.85	0.35	3933.2	7.87	93.3	93.3	97.0	4.67	73.41	73.41	7.57	107.71	1.0	1.0
Arno_02	ARB0741__-04-ARB0740__	-138549.0	1890.6	19.87	114.47	10.33	2.63	0.37	114.81	0.35	3861.1	7.85	92.7	92.7	96.6	4.62	72.76	72.76	7.54	107.85	1.0	1.0
Arno_02	ARB0741__-05-ARB0740__	-138504.8	1880.0	13.57	114.43	10.21	2.64	0.38	114.77	0.36	3791.9	7.82	92.2	92.2	96.3	4.57	72.06	72.06	7.48	107.90	1.0	1.0
Arno_02	ARB0740__	-138460.7	1863.7	27.22	114.39	10.09	2.67	0.39	114.74	0.36	3722.5	7.79	91.7	91.7	96.4	4.52	71.38	71.38	7.40	107.81	1.0	1.0
Arno_02	ARB0740__-01-ARB0739__	-138412.8	1863.6	12.60	114.34	10.15	2.72	0.40	114.70	0.38	3710.1	7.78	91.1	91.1	95.0	4.53	70.82	70.82	7.46	107.77	1.0	1.0
Arno_02	ARB0740__-02-ARB0739__	-138365.0	1865.7	15.44	114.29	10.20	2.77	0.41	114.65	0.39	3690.5	7.76	90.5	90.5	93.9	4.53	70.26	70.26	7.48	108.04	1.0	1.0
Arno_02	ARB0740__-03-ARB0739__	-138317.1	1883.3	-20.11	114.24	10.25	2.82	0.41	114.61	0.40	3675.5	7.75	89.9	89.9	93.0	4.53	69.63	69.63	7.49	108.23	1.0	1.0
Arno_02	ARB0740__-04-ARB0739__	-138269.3	1862.9	31.60	114.20	10.31	2.87	0.43	114.57	0.42	3650.3	7.74	89.3	89.3	92.2	4.54	69.14	69.14	7.50	108.41	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
Arno_02	ARB0740__-05-ARB0739__	-138221.4	1851.6	21.47	114.15	10.37	2.94	0.44	114.52	0.44	3629.0	7.74	88.7	88.7	91.5	4.55	68.63	68.63	7.50	108.54	1.0	1.0
Arno_02	ARB0740__-06-ARB0739__	-138173.5	1848.5	14.21	114.10	10.42	3.01	0.45	114.48	0.46	3606.7	7.72	88.1	88.1	90.8	4.55	68.04	68.04	7.49	108.62	1.0	1.0
Arno_02	ARB0739__	-138125.7	1864.6	3.63	114.04	10.46	3.24	0.49	114.43	0.53	3589.0	7.99	84.3	87.5	90.3	4.55	67.39	67.39	7.46	108.64	1.0	1.0
Arno_02	ARB0739__-01-ARB0738__	-138081.5	1865.8	3.53	114.04	10.60	3.08	0.47	114.39	0.49	3789.7	8.18	86.9	89.6	92.2	4.63	71.12	71.12	7.72	108.45	1.0	1.0
Arno_02	ARB0739__-02-ARB0738__	-138037.3	1867.0	-2.94	114.03	10.74	2.94	0.45	114.35	0.44	4002.8	8.36	89.5	91.6	94.1	4.71	74.87	74.87	7.96	108.15	1.0	1.0
Arno_02	ARB0739__-03-ARB0738__	-137993.1	1868.6	-3.60	114.02	10.88	2.79	0.43	114.31	0.40	4225.4	8.53	92.1	93.7	96.0	4.80	78.58	78.58	8.18	107.73	1.0	1.0
Arno_02	ARB0739__-04-ARB0738__	-137949.0	1871.6	-4.26	114.02	11.02	2.64	0.41	114.28	0.36	4466.0	8.60	95.7	95.7	98.0	4.90	82.35	82.35	8.40	107.21	1.0	1.0
Arno_02	ARB0739__-05-ARB0738__	-137904.8	1874.8	7.81	114.02	11.17	2.50	0.39	114.26	0.32	4721.1	8.81	97.8	97.8	100.1	5.00	86.15	86.15	8.60	106.57	1.0	1.0
Arno_02	ARB0738__	-137860.6	1878.5	14.85	114.01	11.31	2.35	0.37	114.23	0.28	4989.3	9.01	99.8	99.8	102.3	5.10	89.93	89.93	8.79	105.79	1.0	1.0
Arno_02	ARB0738__-01-ARB0737__	-137811.8	1877.8	0.00	113.99	11.53	2.30	0.35	114.21	0.27	5100.8	9.26	97.0	97.0	99.6	5.23	89.79	89.79	9.02	107.09	1.0	1.0
Arno_03	ARB0738__-01-ARB0737__	-137811.8	1894.5	16.23	113.99	11.53	2.28	0.35	114.21	0.27	5107.9	9.26	97.0	97.0	99.6	5.23	89.79	89.79	9.02	107.09	1.0	1.0
Arno_03	ARB0738__-02-ARB0737__	-137762.9	1905.7	15.54	113.96	11.74	2.19	0.33	114.19	0.25	5207.5	9.51	94.1	94.1	97.0	5.35	89.57	89.57	9.24	108.67	1.0	1.0
Arno_03	ARB0738__-03-ARB0737__	-137714.1	1920.8	-15.66	113.93	11.95	2.15	0.31	114.17	0.24	5307.0	9.79	91.3	91.3	94.4	5.47	89.34	89.34	9.46	110.26	1.0	1.0
Arno_03	ARB0738__-04-ARB0737__	-137665.2	1941.4	-21.65	113.91	12.17	2.18	0.29	114.15	0.24	5404.3	10.08	88.4	88.4	91.9	5.58	89.09	89.09	9.69	111.84	1.0	1.0
Arno_03	ARB0737__	-137616.4	1969.2	-28.50	113.88	12.38	2.21	0.27	114.13	0.25	5511.2	10.41	85.6	85.6	90.2	5.69	89.03	89.03	9.87	113.27	1.0	1.0
Arno_03	ARB0737__-01-ARB0736__	-137569.0	1999.0	-29.76	113.87	12.35	2.16	0.27	114.11	0.24	5660.3	10.23	90.6	90.6	94.5	5.63	92.73	92.73	9.82	112.77	1.0	1.0
Arno_03	ARB0737__-02-ARB0736__	-137521.6	2030.2	-30.61	113.86	12.32	2.11	0.27	114.09	0.23	5809.9	10.07	95.8	95.8	99.2	5.57	96.46	96.46	9.72	112.08	1.0	1.0
Arno_03	ARB0737__-03-ARB0736__	-137474.1	2063.2	-33.09	113.85	12.29	2.06	0.27	114.07	0.22	5960.2	9.93	100.9	100.9	104.1	5.52	100.19	100.19	9.62	111.45	1.0	1.0
Arno_03	ARB0737__-04-ARB0736__	-137426.7	2092.8	-29.93	113.86	12.28	1.92	0.27	114.04	0.19	6351.3	9.41	116.0	116.0	119.1	5.44	109.18	109.18	9.17	108.40	1.0	1.0
Arno_03	ARB0737__-05-ARB0736__	-137379.3	2126.0	-33.36	113.85	12.25	1.88	0.27	114.03	0.18	6502.7	9.32	121.4	121.4	124.4	5.39	113.15	113.15	9.09	107.93	1.0	1.0
Arno_03	ARB0737__-06-ARB0736__	-137331.9	2159.0	-32.95	113.84	12.22	1.85	0.27	114.01	0.17	6652.4	9.23	126.9	126.9	129.8	5.34	117.10	117.10	9.02	107.46	1.0	1.0
Arno_03	ARB0736__	-137284.5	2196.3	-37.04	113.83	12.19	1.82	0.28	113.99	0.17	6782.4	9.14	132.4	132.4	135.3	5.27	120.93	120.93	8.94	106.97	1.0	1.0
Arno_03	ARB0736__-01-ARB0735__	-137238.7	2205.3	12.45	113.81	12.30	1.83	0.27	113.98	0.17	6832.4	9.22	131.0	131.0	133.5	5.32	120.71	120.71	9.04	107.76	1.0	1.0
Arno_03	ARB0736__-02-ARB0735__	-137192.8	2215.6	13.94	113.79	12.42	1.84	0.26	113.96	0.17	6883.3	9.30	129.6	129.6	131.9	5.37	120.48	120.48	9.13	108.52	1.0	1.0
Arno_03	ARB0736__-03-ARB0735__	-137147.0	2228.1	-12.97	113.77	12.55	1.85	0.25	113.95	0.18	6935.6	9.38	128.2	128.2	130.3	5.42	120.25	120.25	9.23	109.25	1.0	1.0
Arno_03	ARB0736__-04-ARB0735__	-137101.1	2241.8	-14.35	113.76	12.67	1.87	0.25	113.94	0.18	6988.2	9.46	126.8	126.8	128.8	5.47	120.01	120.01	9.32	109.95	1.0	1.0
Arno_03	ARB0736__-05-ARB0735__	-137055.3	2256.1	-16.07	113.74	12.79	1.89	0.24	113.92	0.18	7028.1	9.54	125.4	125.4	127.3	5.52	119.63	119.63	9.39	110.59	1.0	1.0
Arno_03	ARB0736__-06-ARB0735__	-137009.4	2269.1	-14.30	113.72	12.91	1.91	0.24	113.91	0.18	7065.8	9.61	124.0	124.0	125.9	5.56	119.22	119.22	9.47	111.21	1.0	1.0
Arno_03	ARB0735__	-136963.6	2287.3	-20.01	113.71	13.03	1.93	0.23	113.90	0.19	7107.4	9.69	122.6	122.6	124.5	5.61	118.82	118.82	9.54	111.80	1.0	1.0
Arno_03	ARB0735__-01-ARB0734__	-136915.4	2286.4	0.00	113.68	12.79	1.96	0.25	113.87	0.20	6918.0	9.57	122.1	122.1	123.9	5.53	116.86	116.86	9.43	111.18	1.0	1.0
Arno_04	ARB0735__-01-ARB0734__	-136915.4	2334.1	29.20	113.68	12.79	2.00	0.24	113.88	0.20	6936.6	9.57	122.1	122.1	123.9	5.53	116.86	116.86	9.43	111.18	1.0	1.0
Arno_04	ARB0735__-02-ARB0734__	-136867.2	2328.3	32.12	113.66	12.56	2.03	0.24	113.86	0.21	6755.6	9.46	121.6	121.6	123.3	5.46	114.98	114.98	9.32	110.54	1.0	1.0
Arno_04	ARB0735__-03-ARB0734__	-136819.0	2328.8	35.11	113.63	12.33	2.06	0.24	113.84	0.22	6567.7	9.34	121.0	121.0	122.8	5.38	113.03	113.03	9.21	109.87	1.0	1.0
Arno_04	ARB0735__-04-ARB0734__	-136770.8	2327.3	39.74	113.60	12.09	2.10	0.24	113.83	0.22	6383.3	9.22	120.5	120.5	122.2	5.30	111.07	111.07	9.09	109.17	1.0	1.0
Arno_04	ARB0735__-05-ARB0734__	-136722.6	2328.4	43.38	113.57	11.85	2.13	0.24	113.80	0.23	6195.3	9.09	120.0	120.0	121.7	5.21	109.09	109.09	8.96	108.45	1.0	1.0
Arno_04	ARB0734__	-136674.4	2347.4	43.82	113.54	11.61	2.19	0.25	113.78	0.24	6021.9	8.97	119.4	119.4	121.3	5.13	107.15	107.15	8.83	107.72	1.0	1.0
Arno_04	ARB0734__-01-ARB0733__	-136632.6	2366.6	-20.81	113.49	11.31	2.30	0.27	113.76	0.27	5664.9	8.75	117.7	117.7	119.4	4.96	103.02	103.02	8.63	107.69	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
Arno_04	ARB0734_-02-ARB0733__	-136590.7	2388.6	-28.16	113.44	11.00	2.42	0.30	113.74	0.30	5315.8	8.49	116.1	116.1	117.9	4.79	98.57	98.57	8.36	107.39	1.0	1.0
Arno_04	ARB0734_-03-ARB0733__	-136548.9	2411.6	-36.55	113.36	10.67	2.57	0.34	113.70	0.34	4969.5	8.20	114.4	114.4	116.3	4.62	93.84	93.84	8.07	106.96	1.0	1.0
Arno_04	ARB0734_-04-ARB0733__	-136507.0	2437.0	-37.96	113.27	10.33	2.75	0.40	113.66	0.38	4625.5	7.87	112.7	112.7	114.8	4.44	88.74	88.74	7.73	106.31	1.0	1.0
Arno_04	ARB0734_-05-ARB0733__	-136465.2	2474.1	-41.20	113.16	9.96	2.98	0.46	113.61	0.45	4291.9	7.49	111.1	111.1	113.4	4.26	83.14	83.14	7.33	105.35	1.0	1.0
Arno_04	ARB0733__	-136423.3	2534.2	-60.40	113.00	9.55	3.29	0.55	113.55	0.55	3970.7	7.04	109.4	109.4	112.2	4.05	77.04	77.04	6.87	104.15	1.0	1.0
Arno_04	ARB0733_-01-ARB0732__	-136376.0	2534.7	0.00	113.00	10.05	3.01	0.45	113.46	0.46	4416.1	7.36	114.2	114.2	116.8	4.33	84.08	84.08	7.20	104.56	1.0	1.0
Arno_05	ARB0733_-01-ARB0732__	-136376.0	2580.1	-62.17	113.00	10.05	3.07	0.45	113.48	0.48	4444.2	7.36	114.2	114.2	116.8	4.33	84.08	84.08	7.20	104.56	1.0	1.0
Arno_05	ARB0733_-02-ARB0732__	-136328.7	2643.7	-65.06	112.99	10.54	2.89	0.37	113.42	0.42	4982.9	7.69	119.1	119.1	121.5	4.59	91.61	91.61	7.54	105.08	1.0	1.0
Arno_05	ARB0733_-03-ARB0732__	-136281.4	2709.1	-66.82	112.99	11.04	2.72	0.32	113.37	0.38	5599.0	8.06	123.9	123.9	126.3	4.85	99.92	99.92	7.91	105.75	1.0	1.0
Arno_05	ARB0733_-04-ARB0732__	-136234.1	2775.0	-69.44	112.99	11.54	2.55	0.28	113.32	0.33	6246.5	8.45	128.8	128.8	131.3	5.08	108.83	108.83	8.29	107.33	1.0	1.0
Arno_05	ARB0733_-05-ARB0732__	-136186.8	2840.7	-69.81	112.99	12.04	2.40	0.26	113.29	0.29	6933.9	8.87	133.6	133.6	136.4	5.27	118.52	118.52	8.69	109.72	1.0	1.0
Arno_05	ARB0732__	-136139.5	2903.2	-66.79	113.00	12.55	2.26	0.24	113.26	0.26	7690.6	9.31	138.5	138.5	141.5	5.45	128.87	128.87	9.11	112.09	1.0	1.0
Arno_05	ARB0732_-01-ARB0731__	-136094.8	2902.2	3.59	112.90	11.93	2.54	0.28	113.23	0.33	6507.7	8.43	136.5	136.5	140.7	5.01	115.13	115.13	8.18	118.32	1.0	1.0
Arno_05	ARB0732_-02-ARB0731__	-136050.2	2903.4	-3.71	112.79	11.29	2.82	0.30	113.19	0.41	5919.2	8.97	115.5	115.5	120.3	4.91	103.62	103.62	8.62	120.35	1.0	1.0
Arno_05	ARB0732_-03-ARB0731__	-136005.5	2913.5	-14.40	112.67	10.65	3.06	0.33	113.14	0.48	5383.0	8.64	110.5	110.5	114.7	4.69	95.50	95.50	8.32	118.97	1.0	1.0
Arno_05	ARB0732_-04-ARB0731__	-135960.9	2955.1	-42.62	112.49	9.95	3.41	0.38	113.08	0.59	4868.4	8.23	105.4	105.4	109.1	4.43	86.77	86.77	7.95	117.15	1.0	1.0
Arno_05	ARB0731__	-135916.2	3060.0	-105.07	112.18	9.11	3.98	0.46	112.99	0.81	4389.8	7.71	99.6	99.6	103.0	4.10	76.81	76.81	7.46	114.71	1.0	1.0
Arno_05	ARB0730__	-135647.6	2831.8	227.25	112.05	10.80	3.15	0.34	112.55	0.51	5252.7	9.00	99.8	99.8	106.2	4.83	89.85	89.85	8.46	119.60	1.0	1.0
Arno_05	ARB0729A	-135631.2	2831.5	0.00	111.53	11.78	4.32	0.48	112.48	0.95	4264.6	8.41	78.0	78.0	87.6	4.60	65.61	65.61	7.54	115.12	1.0	1.0
Arno_05	ARB0728B	-135626.2	2831.4	0.00	110.28	10.53	6.11	0.67	112.18	1.90	3758.6	8.61	56.1	56.1	86.7	4.31	46.34	46.34	5.34	102.66	1.0	1.0
Arno_05	ARB0728C	-135617.9	2831.3	0.00	110.10	10.35	6.24	0.69	112.08	1.99	3713.9	8.38	56.1	56.1	85.4	4.22	45.38	45.38	5.31	102.44	1.0	1.0
Arno_05	ARB0727D	-135612.9	2831.3	0.00	109.15	8.28	7.26	1.00	111.83	2.68	3285.3	5.36	72.8	72.8	78.7	3.05	39.02	39.02	4.96	100.12	1.0	1.0
Arno_05	ARB0726__	-135594.5	2854.5	44.22	110.02	7.82	4.43	0.62	111.02	1.00	3522.3	6.51	99.0	99.0	104.0	3.47	64.41	64.41	6.19	107.81	1.0	1.0
Arno_05	ARB07242A	-135525.1	2866.4	-13.73	110.08	6.32	4.43	0.82	110.76	1.00	3311.8	5.45	143.3	143.3	148.5	2.87	78.09	78.09	5.26	101.50	1.0	1.0
Arno_05	ARB07242	-135520.1	2870.1	-4.39	110.06	6.30	5.11	1.00	110.75	1.33	3301.3	5.43	143.3	143.3	148.5	2.86	77.77	77.77	5.24	101.45	1.0	1.0
Arno_05	ARB07241	-135506.3	2854.8	68.93	110.40	12.55	2.17	0.22	110.64	0.24	7640.0	10.18	129.5	135.4	136.3	5.32	131.76	134.27	9.67	120.43	1.0	1.0
Arno_05	ARB0724__	-135399.1	2802.0	104.18	110.41	13.56	1.86	0.19	110.59	0.18	8763.3	9.94	151.8	184.6	155.9	5.45	150.96	164.05	9.68	125.13	1.0	1.0
Arno_05	ARB0723__	-135161.3	3052.1	-253.31	109.92	11.07	3.02	0.44	110.38	0.46	5044.0	6.55	154.6	226.9	158.2	4.06	101.18	110.26	6.40	108.97	1.0	1.0
Arno_05	ARB0722__	-134831.8	3052.9	0.00	107.49	11.65	5.92	0.73	109.27	1.79	4060.7	6.66	77.4	77.4	82.8	4.30	51.56	51.56	6.22	108.00	1.0	1.0
Arno_05	ARB0721__	-134566.6	3054.3	0.00	107.16	8.91	4.23	0.55	108.07	0.91	3914.7	6.76	106.9	106.9	113.4	3.60	72.24	72.24	6.37	108.83	1.0	1.0
Arno_05	ARB0720__	-134404.8	3066.7	0.00	106.96	9.36	3.58	0.78	107.61	0.65	4042.3	5.29	162.1	189.5	165.8	3.41	85.78	88.79	5.17	101.53	1.0	1.0
Arno_05	ARE0719__	-134243.7	3066.0	0.00	106.64	9.87	3.41	0.48	107.23	0.59	4493.8	5.53	162.7	179.1	165.7	3.81	90.02	90.83	5.43	103.21	1.0	1.0
Arno_05	ARE0718__	-134069.8	3065.5	0.00	106.12	9.56	3.68	0.67	106.81	0.69	4207.6	5.27	158.4	158.4	161.7	3.67	83.39	83.39	5.16	101.42	1.0	1.0
Arno_05	ARE0716__	-133644.5	3064.7	0.00	104.67	11.41	4.30	0.54	105.61	0.94	4392.0	6.59	108.9	108.9	116.1	4.28	71.25	71.25	6.17	107.69	1.0	1.0
Arno_05	ARE0715__	-133396.6	3064.1	0.00	104.34	11.32	3.46	0.46	104.95	0.61	4516.3	6.04	146.6	169.0	152.9	3.88	88.58	89.73	5.80	105.44	1.0	1.0
Arno_05	ARE0713__	-132927.9	3064.4	0.00	103.51	11.44	3.33	0.47	104.07	0.56	4804.0	6.26	147.5	202.4	152.6	4.08	92.34	100.38	6.05	106.99	1.0	1.0
Arno_05	ARE0712__	-132673.5	3067.0	0.00	102.38	11.26	4.55	0.57	103.42	1.05	4439.3	6.70	101.3	101.3	108.9	4.47	67.88	67.88	6.23	108.01	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
Arno_05	ARE0711__	-132574.3	3066.7	2.32	102.48	9.66	3.58	0.42	103.12	0.65	4726.7	7.72	111.6	111.6	118.4	4.21	86.13	86.13	7.27	113.76	1.0	1.0
Arno_05	ARE0710A__	-132537.6	3112.6	0.00	101.78	8.44	4.83	0.60	102.97	1.19	3832.6	6.71	96.1	96.1	109.3	3.57	64.45	64.45	5.90	106.05	1.0	1.0
Arno_05	ARE0709B__	-132536.6	3112.6	0.00	101.40	8.06	5.39	0.66	102.87	1.48	3711.5	6.86	87.5	87.5	114.0	3.47	57.77	57.77	5.08	100.90	1.0	1.0
Arno_05	ARE0709C__	-132526.1	3112.8	0.00	101.19	7.86	5.55	0.69	102.76	1.57	3649.2	6.59	87.5	87.5	111.8	3.37	56.06	56.06	5.01	100.50	1.0	1.0
Arno_05	ARE0708D__	-132525.1	3112.8	0.00	101.29	7.95	5.19	0.66	102.66	1.37	3651.9	6.25	96.0	96.0	108.9	3.35	59.97	59.97	5.51	103.65	1.0	1.0
Arno_05	ARE0707__	-132231.2	3114.5	0.00	101.05	10.34	3.98	0.88	101.50	0.81	4011.1	4.58	227.2	227.2	232.1	2.95	103.99	103.99	4.48	96.76	1.0	1.0
Arno_05	ARE0706__	-131931.2	3114.3	0.00	99.32	10.58	4.93	0.61	100.56	1.24	4176.4	6.96	95.2	95.2	100.9	4.13	63.19	63.19	6.54	109.78	1.0	1.0
Arno_05	ARE0705__	-131699.1	3114.6	0.00	98.21	10.85	5.13	0.70	99.55	1.34	4021.7	5.53	109.9	109.9	115.4	3.94	60.75	60.75	5.26	102.10	1.0	1.0
Arno_05	ARE0704__	-131547.0	3114.2	0.00	97.81	10.24	4.46	0.61	98.82	1.02	3874.5	5.41	129.1	129.1	132.9	3.52	69.85	69.85	5.25	102.00	1.0	1.0
Arno_05	ARE0703__	-131216.3	3114.6	0.00	96.78	10.74	4.16	0.57	97.66	0.88	3973.9	5.66	132.7	204.9	138.3	3.54	75.05	84.39	5.43	103.11	1.0	1.0
Arno_05	ARE0702__	-130901.2	3115.3	0.00	95.88	8.68	4.04	0.57	96.71	0.83	3874.9	5.87	131.7	195.0	135.9	3.36	77.28	85.72	5.69	104.62	1.0	1.0
Arno_05	ARE0701__	-130505.6	3114.6	0.00	94.84	9.35	3.98	0.71	95.64	0.81	4052.3	5.99	131.1	199.0	134.7	3.56	78.56	87.05	5.83	105.67	1.0	1.0
Arno_05	ARE0700__	-130230.8	3115.0	0.00	92.68	9.62	5.95	0.74	94.47	1.80	3939.2	6.75	77.9	77.9	85.0	3.92	52.63	52.63	6.19	107.80	1.0	1.0
Arno_05	ARE0699__	-130034.9	3116.9	0.00	92.36	8.48	4.67	0.63	93.43	1.11	3767.5	5.68	123.1	123.1	126.7	3.40	68.05	68.05	5.50	103.66	1.0	1.0
Arno_05	ARE0698__	-129808.7	3118.5	0.00	92.02	7.89	3.66	0.62	92.68	0.68	4095.2	6.14	143.8	143.8	147.9	3.41	86.45	86.45	5.96	106.45	1.0	1.0
Arno_05	ARE0697__	-129561.4	3164.7	0.00	90.95	8.76	4.52	0.58	91.98	1.04	4019.1	6.22	112.9	115.5	116.1	3.66	70.20	70.33	6.05	106.96	1.0	1.0
Arno_05	ARE0696__	-129375.6	3163.9	0.00	90.00	8.99	4.99	0.68	91.26	1.27	3866.4	5.73	111.1	111.1	113.6	3.56	63.64	63.64	5.60	104.29	1.0	1.0
Arno_05	ARE0695__	-129297.4	3163.9	0.00	89.68	9.78	4.99	0.72	90.92	1.27	3906.9	5.67	113.2	161.5	118.3	3.61	64.18	68.61	5.43	103.10	1.0	1.0
Arno_05	ARE0693__	-128798.5	2766.9	511.27	88.08	10.75	4.54	0.60	89.13	1.05	3880.7	7.60	80.3	80.3	84.7	4.26	61.00	61.00	7.20	113.39	1.0	1.0
Arno_05	ARE0692__	-128545.2	2764.6	-442.23	87.72	10.85	4.45	0.58	88.52	1.01	4160.2	8.11	86.1	86.1	93.5	4.36	69.78	69.78	7.46	114.72	1.0	1.0
Arno_05	ARB0691__	-128251.3	2680.2	362.91	87.20	11.20	4.22	0.61	87.98	0.91	4219.9	8.21	83.4	83.4	89.7	4.60	68.46	68.46	7.63	115.58	1.0	1.0
Arno_05	ARB0690__	-127892.4	2948.0	-320.76	87.26	11.96	2.39	0.40	87.48	0.29	6941.7	7.22	195.9	214.4	198.6	4.46	141.45	144.70	7.12	109.39	1.0	1.0
Arno_05	ARB0689__	-127674.6	3172.1	-373.73	86.76	11.59	3.54	0.52	87.25	0.64	5554.9	7.44	132.2	132.2	135.5	4.63	98.35	98.35	7.26	113.67	1.0	1.0
Arno_05	ARB0687__	-127384.1	4662.6	0.00	85.86	13.44	4.08	0.51	86.71	0.85	7205.3	7.27	157.1	157.1	162.6	4.61	114.21	114.21	7.02	112.42	1.0	1.0
Arno_05	ARB0686__	-127078.2	4665.0	0.00	84.77	11.89	4.78	0.66	85.93	1.17	6634.3	7.50	130.1	130.1	133.5	4.47	97.60	97.60	7.31	113.94	1.0	1.0
Arno_05	ARB0685__	-126951.0	4665.8	0.00	83.60	11.07	5.99	0.70	85.41	1.83	6434.0	7.52	103.8	103.8	108.4	4.61	78.01	78.01	7.19	113.35	1.0	1.0
Arno_05	ARB0684__	-126680.8	4501.9	175.88	82.69	10.69	5.59	0.65	84.25	1.59	6114.5	7.71	105.0	105.0	110.3	4.42	80.89	80.89	7.33	114.06	1.0	1.0
Arno_05	ARB0683__	-126603.6	3780.6	738.93	83.29	13.48	3.46	0.36	83.89	0.61	7398.7	9.23	118.9	118.9	125.5	5.55	109.72	109.72	8.74	120.97	1.0	1.0
Arno_05	ARB0682__	-126340.3	3366.0	527.51	83.04	11.89	3.26	0.44	83.56	0.54	5743.0	7.66	135.6	135.6	139.0	4.48	103.91	103.91	7.48	112.85	1.0	1.0
Arno_05	ARB0682__-01-ARB0681__	-126294.1	3237.1	143.94	83.03	11.89	3.10	0.49	83.50	0.49	5652.0	7.22	146.7	146.7	150.1	4.40	105.85	105.85	7.05	110.38	1.0	1.0
Arno_05	ARB0682__-02-ARB0681__	-126247.9	3103.7	134.70	83.01	11.88	3.20	0.52	83.44	0.52	5555.9	7.03	150.6	150.6	154.3	4.38	105.91	105.91	6.87	109.25	1.0	1.0
Arno_05	ARB0682__-03-ARB0681__	-126201.7	2991.4	107.18	82.97	11.86	3.28	0.53	83.39	0.55	5467.0	7.07	147.9	147.9	152.9	4.40	104.53	104.53	6.84	109.08	1.0	1.0
Arno_05	ARB0682__-04-ARB0681__	-126155.5	2884.6	101.42	82.95	11.85	3.34	0.54	83.33	0.57	5426.3	6.91	152.0	152.0	157.2	4.40	105.08	105.08	6.69	108.13	1.0	1.0
Arno_05	ARB0681__	-126109.3	2882.7	0.00	82.90	11.81	3.41	0.58	83.28	0.59	5432.2	6.76	156.1	156.1	161.6	4.39	105.52	105.52	6.53	107.21	1.0	1.0
Arno_06	ARB0681__	-126109.3	2783.4	89.65	82.90	11.81	3.44	0.60	83.26	0.60	5379.9	6.76	156.1	156.1	161.6	4.39	105.52	105.52	6.53	107.21	1.0	1.0
Arno_06	ARB0681__-01-ARB0680__	-126065.3	2689.3	91.68	82.88	12.00	3.39	0.65	83.21	0.59	5457.3	7.02	150.8	150.8	156.7	4.50	105.83	105.83	6.75	108.21	1.0	1.0
Arno_06	ARB0681__-02-ARB0680__	-126021.4	2598.6	93.70	82.87	12.20	3.30	0.69	83.17	0.56	5605.0	7.30	146.4	146.4	152.5	4.64	106.86	106.86	7.01	109.35	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
Arno_06	ARB0680__	-125977.4	2542.3	57.90	82.86	12.39	3.39	1.00	83.14	0.59	5815.1	7.71	139.8	139.8	148.0	4.83	107.85	107.85	7.29	110.70	1.0	1.0
Arno_06	ARB0679A__	-125971.1	2533.2	9.58	82.88	11.98	3.01	0.90	83.14	0.46	6186.5	8.49	131.5	149.6	154.3	5.01	111.71	111.71	7.24	111.92	1.0	1.0
Arno_06	ARB0678B__	-125970.1	2533.2	0.00	82.38	12.13	3.54	0.42	83.02	0.64	5384.9	39.66	77.4	77.4	249.5	6.25	71.51	73.13	3.92	92.54	1.0	1.0
Arno_06	ARB0678C__	-125962.1	2533.1	0.00	82.34	12.09	3.55	0.43	82.98	0.64	5355.3	38.68	77.3	77.3	247.7	6.21	71.43	72.97	3.92	92.55	1.0	1.0
Arno_06	ARB0677D__	-125961.1	2531.2	3.07	82.53	12.43	2.98	0.54	82.78	0.45	6083.7	7.05	163.0	163.0	166.8	4.80	114.90	114.90	6.89	108.39	1.0	1.0
Arno_06	ARB0676__	-125945.0	2536.7	-7.72	82.35	12.76	3.25	0.39	82.76	0.54	5607.2	10.28	87.9	87.9	99.1	5.40	90.35	90.35	9.12	122.65	1.0	1.0
Arno_06	ARB0675__	-125859.4	2543.4	-14.36	82.24	13.44	3.66	0.42	82.68	0.68	5753.7	10.14	84.8	94.5	103.6	5.80	85.99	85.99	8.30	113.47	1.0	1.0
Arno_06	ARB0675__-01-ARB0674__	-125819.5	2544.9	-8.38	82.26	13.44	3.48	0.41	82.63	0.62	6030.8	8.28	114.0	114.0	119.2	5.65	94.40	94.40	7.92	112.62	1.0	1.0
Arno_06	ARB0675__-02-ARB0674__	-125779.7	2548.4	-7.35	82.25	13.39	3.42	0.40	82.60	0.60	6083.3	8.24	117.3	117.3	122.7	5.59	96.64	96.64	7.87	112.90	1.0	1.0
Arno_06	ARB0675__-03-ARB0674__	-125739.8	2553.2	-10.29	82.23	13.34	3.36	0.39	82.57	0.58	6126.5	8.19	120.6	120.6	126.5	5.52	98.76	98.76	7.81	113.14	1.0	1.0
Arno_06	ARB0674__	-125700.0	2555.1	-12.81	82.21	13.30	3.30	0.39	82.53	0.56	6171.8	8.14	123.9	123.9	130.4	5.46	100.89	100.89	7.74	113.58	1.0	1.0
Arno_06	ARB0674__-01-ARB0673__	-125654.5	2572.1	-31.69	82.13	13.28	3.40	0.40	82.50	0.59	5941.7	8.12	118.5	118.5	124.8	5.45	96.22	96.22	7.71	114.65	1.0	1.0
Arno_06	ARB0674__-02-ARB0673__	-125609.1	2602.5	-44.77	82.05	13.26	3.49	0.41	82.46	0.62	5748.3	8.23	113.2	113.2	119.4	5.42	92.21	92.21	7.75	116.18	1.0	1.0
Arno_06	ARB0674__-03-ARB0673__	-125563.6	2653.1	-55.08	81.95	13.22	3.58	0.42	82.41	0.65	5586.6	8.58	107.8	107.8	114.0	5.38	88.79	88.79	8.06	117.73	1.0	1.0
Arno_06	ARB0674__-04-ARB0673__	-125518.2	2708.0	-59.62	81.85	13.17	3.66	0.44	82.35	0.68	5482.4	8.94	101.4	102.2	108.3	5.36	86.13	86.13	8.38	119.26	1.0	1.0
Arno_06	ARB0674__-05-ARB0673__	-125472.7	2734.1	-29.23	81.77	13.15	3.75	0.46	82.30	0.71	5395.4	9.30	91.2	91.2	97.6	5.31	84.69	84.69	8.68	120.69	1.0	1.0
Arno_06	ARB0673__	-125427.3	2744.1	-14.49	81.71	13.15	3.84	0.48	82.25	0.75	5310.5	9.28	90.4	90.4	96.9	5.24	83.88	83.88	8.66	120.55	1.0	1.0
Arno_06	ARB0673__-01-ARB0672__	-125381.5	2770.8	-29.42	81.73	13.32	3.48	0.43	82.19	0.62	5745.2	9.39	97.9	97.9	104.3	5.33	91.94	91.94	8.82	121.30	1.0	1.0
Arno_06	ARB0673__-02-ARB0672__	-125335.8	2829.9	-62.02	81.74	13.48	3.17	0.39	82.15	0.51	6247.2	9.48	105.7	105.7	112.0	5.42	100.28	100.28	8.96	121.93	1.0	1.0
Arno_06	ARB0673__-03-ARB0672__	-125290.0	2928.9	-101.80	81.74	13.62	2.90	0.35	82.11	0.43	6809.5	9.27	123.5	123.5	129.7	5.51	109.11	109.11	8.79	121.19	1.0	1.0
Arno_06	ARB0673__-04-ARB0672__	-125244.2	3041.9	-119.17	81.74	13.77	2.66	0.32	82.08	0.36	7464.8	9.08	134.1	134.1	140.4	5.62	118.61	118.61	8.62	120.41	1.0	1.0
Arno_06	ARB0673__-05-ARB0672__	-125198.5	3140.2	-107.43	81.74	13.91	2.46	0.29	82.05	0.31	8182.2	8.89	144.7	144.7	151.4	5.75	128.71	128.71	8.50	119.58	1.0	1.0
Arno_06	ARB0672__	-125152.7	3195.5	-154.94	81.74	14.06	2.30	0.27	82.01	0.27	8954.0	8.98	155.3	155.3	162.5	5.89	139.42	139.42	8.58	118.68	1.0	1.0
Arno_06	ARB06723A	-125048.9	3188.6	7.91	81.69	14.59	2.78	0.38	81.94	0.39	7330.8	6.58	217.3	272.2	219.9	4.62	142.96	151.22	6.50	109.57	1.0	1.0
Arno_06	ARB06722B	-125047.9	3188.6	0.00	81.52	14.82	2.78	0.38	81.90	0.39	7215.5	9999.99	175.2	175.2	409.1	5.43	116.47	116.47	5.25	102.05	1.0	1.0
Arno_06	ARB06722C	-125035.8	3188.6	0.00	81.49	14.79	2.79	0.39	81.87	0.40	7172.4	9999.99	175.1	175.1	409.1	5.39	116.47	116.47	5.24	102.00	1.0	1.0
Arno_06	ARB06721D	-125034.8	3188.6	-0.04	81.52	13.92	2.81	0.36	81.84	0.40	7152.0	6.54	196.6	210.8	200.7	5.00	126.66	127.11	6.38	108.93	1.0	1.0
Arno_06	ARB0671__	-124893.0	3668.7	-503.14	81.09	15.24	3.41	0.32	81.68	0.59	8199.0	11.29	95.5	95.5	99.9	6.43	107.73	107.73	10.8	120.56	1.0	1.0
Arno_06	ARB0670__	-124598.1	3608.1	70.92	80.34	12.93	4.26	0.46	81.26	0.92	5935.2	8.94	95.0	95.0	103.5	5.15	84.96	84.96	8.21	118.42	1.0	1.0
Arno_06	ARB0669__	-124427.0	3693.0	-84.35	80.00	12.50	4.29	0.46	80.93	0.94	6224.6	9.09	97.5	97.5	108.2	5.35	86.38	86.38	8.04	117.61	1.0	1.0
Arno_06	ARB0668__	-124065.8	3637.6	-245.71	79.63	12.73	3.58	0.39	80.29	0.65	6628.8	8.78	115.7	115.7	120.7	5.22	101.62	101.62	8.42	116.66	1.0	1.0
Arno_06	ARB0667__	-123870.5	3671.1	-334.85	79.59	12.55	2.95	0.33	80.02	0.44	7400.7	8.54	147.6	147.6	151.4	5.02	126.02	126.02	8.33	111.26	1.0	1.0
Arno_06	ARB0666__	-123732.6	3742.8	-92.80	79.13	12.56	3.75	0.42	79.83	0.72	6396.8	8.23	121.9	121.9	126.5	4.97	100.30	100.30	7.93	117.09	1.0	1.0
Arno_06	ARB0665__	-123421.8	4385.4	-659.24	78.36	11.88	4.33	0.46	79.30	0.96	7095.5	9.16	110.9	127.0	116.1	5.09	101.61	103.56	8.76	121.01	1.0	1.0
Arno_06	ARB0664__	-123181.0	3533.2	859.13	78.28	12.09	3.38	0.39	78.86	0.58	6384.9	8.04	130.9	138.9	135.6	4.92	105.27	106.33	7.76	116.25	1.0	1.0
Arno_06	ARB0663__	-122717.3	3515.4	59.79	76.67	9.93	5.16	0.65	77.82	1.36	4605.3	6.92	105.5	105.5	109.4	4.00	72.97	72.97	6.67	110.51	1.0	1.0
Arno_06	ARB0662__	-122463.2	2418.3	1298.26	76.58	11.05	4.23	0.56	77.11	0.91	3831.0	7.23	96.1	96.1	98.7	4.46	69.44	69.44	7.04	103.94	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
Arno_06	ARB0661__	-122143.2	2907.6	-687.08	75.37	8.98	4.79	0.73	76.36	1.17	3622.6	6.43	102.3	102.3	106.6	3.52	65.73	65.73	6.16	106.51	1.0	1.0
Arno_06	ARB06602A	-122035.3	3108.2	-231.45	75.55	6.43	4.17	0.77	76.00	0.89	3971.3	5.68	182.2	182.2	184.3	2.93	103.43	103.43	5.61	98.76	1.0	1.0
Arno_06	ARB06602__	-122030.3	3172.0	-81.99	75.51	6.40	5.08	1.01	75.99	1.31	3980.4	5.64	182.2	182.2	184.3	2.91	102.79	102.79	5.58	98.67	1.0	1.0
Arno_06	ARB06601__	-121996.3	3536.0	-397.61	75.76	11.53	1.64	0.19	75.89	0.14	11664.0	9.85	219.5	219.5	228.4	5.12	216.29	216.29	9.47	120.32	1.0	1.0
Arno_06	ARB0659__	-121706.8	3565.8	57.52	75.59	12.09	2.22	0.49	75.78	0.25	8168.1	7.74	233.5	248.6	240.8	4.12	180.81	182.79	7.51	114.97	1.0	1.0
Arno_06	ARB0658__	-121438.9	3181.5	545.80	75.28	12.03	2.99	0.46	75.61	0.45	7074.3	8.82	139.5	139.5	142.4	5.07	123.05	123.05	8.64	107.98	1.0	1.0
Arno_06	ARB0657__	-121135.3	4137.9	-1036.0	74.71	11.69	3.45	0.41	75.30	0.61	7666.3	9.39	128.8	128.8	130.6	5.16	120.90	120.90	9.26	109.86	1.0	1.0
Arno_06	ARB0656__	-120868.5	4303.5	-205.24	74.31	11.29	3.67	0.48	74.98	0.69	7135.4	8.96	131.5	131.5	135.0	4.72	117.91	117.91	8.73	120.89	1.0	1.0
Arno_06	ARB0655__	-120740.6	4546.2	-337.68	74.20	11.75	3.55	0.39	74.82	0.64	8173.3	9.44	136.3	136.3	139.3	5.12	128.67	128.67	9.23	123.17	1.0	1.0
Arno_06	ARB0654__	-120492.3	4502.5	46.47	73.88	11.54	3.69	0.45	74.54	0.70	7723.3	9.27	133.5	133.5	136.5	4.94	123.77	123.77	9.07	122.45	1.0	1.0
Arno_06	ARB06532A	-120263.7	4506.1	0.00	74.14	8.61	2.51	0.71	74.28	0.32	12187.2	8.54	313.8	313.8	322.2	4.27	267.91	267.91	8.32	118.96	1.0	1.0
Arno_06	ARB06532__	-120258.7	4506.4	0.00	74.14	8.61	3.09	1.04	74.28	0.49	12184.3	8.54	313.8	313.8	322.2	4.27	267.88	267.88	8.32	118.95	1.0	1.0
Arno_06	ARB06531__	-120236.1	4507.7	0.00	74.19	13.95	1.17	0.11	74.26	0.07	25129.9	12.43	310.4	310.4	314.9	6.38	385.48	385.48	12.2	135.34	1.0	1.0
Arno_06	ARB0652__	-119915.6	4219.9	359.98	73.47	15.89	3.48	0.38	74.08	0.62	8670.0	10.84	112.2	157.6	118.4	5.91	121.60	136.13	10.3	125.51	1.0	1.0
Arno_06	ARB0651__	-119710.0	4072.6	484.85	72.99	16.49	4.08	0.38	73.83	0.85	8248.6	11.91	84.0	84.0	89.8	6.56	100.06	100.06	11.1	121.31	1.0	1.0
Arno_06	ARB0650__	-119285.6	4646.5	-789.66	72.49	11.69	3.86	0.45	73.24	0.76	8028.2	9.51	127.1	127.1	133.3	5.15	120.81	120.81	9.07	115.82	1.0	1.0
Arno_06	ARB0649__	-119075.1	4729.7	-105.63	72.40	11.40	3.26	0.70	72.93	0.54	8415.7	8.94	163.1	189.9	166.6	4.71	145.73	158.23	8.75	120.97	1.0	1.0
Arno_06	ARB06482A	-118989.4	4747.2	-131.51	72.49	10.70	2.62	0.72	72.83	0.35	10539.4	10.17	179.8	179.8	194.0	5.09	182.72	182.72	9.42	124.00	1.0	1.0
Selceto	SE0001_A	-11.5	187.9	0.10	114.94	5.25	3.87	0.71	115.55	0.76	196.7	5.12	9.8	10.8	19.5	2.60	5.01	5.02	2.57	124.87	1.0	1.0
Selceto	SE0001_B	-10.5	187.9	0.00	114.93	5.24	4.97	0.68	115.39	1.26	186.3	9999.99	9.7	9.7	25.1	3.06	4.00	4.00	1.93	114.22	1.0	1.0
Selceto	SE0001_C	0.0	187.9	0.00	114.93	5.28	6.18	1.00	114.96	1.95	170.0	9999.99	9.7	9.7	25.1	3.08	4.04	4.04	1.95	114.54	1.0	1.0
Selceto	SE0001_D	1.0	187.9	0.21	114.94	6.90	5.20	0.87	114.95	1.38	222.6	6.65	9.8	10.8	22.5	3.40	6.50	6.52	2.89	129.94	1.0	1.0
Selceto	SE0002__	15.1	162.7	26.42	114.93	6.94	4.04	1.00	114.94	0.83	228.7	6.82	9.7	9.7	15.1	3.45	6.60	6.60	4.36	127.76	1.0	1.0
Selceto	SE0003_A	23.8	159.4	3.41	114.94	7.18	3.56	0.65	114.94	0.65	262.7	6.54	11.5	11.5	18.1	3.48	7.51	7.51	4.16	131.98	1.0	1.0
Selceto	SE0003_B	24.8	159.4	0.00	114.93	7.17	4.64	0.63	114.95	1.10	230.3	9999.99	9.5	12.1	34.5	4.03	5.68	6.25	1.77	111.05	1.0	1.0
Selceto	SE0003_C	34.7	159.4	0.00	114.93	7.17	5.62	1.00	114.94	1.61	230.3	9999.99	9.5	12.1	34.5	4.03	5.68	6.25	1.77	111.05	1.0	1.0
Selceto	SE0003_D	35.7	159.4	8.22	114.94	7.18	5.32	1.00	114.94	1.44	262.9	6.54	11.5	11.5	18.1	3.48	7.52	7.52	4.16	132.01	1.0	1.0
Selceto	SE0004_A	37.1	159.4	5.75	114.94	7.36	5.32	1.00	114.95	1.44	278.4	6.67	11.7	11.7	18.5	3.56	7.78	7.78	4.21	133.00	1.0	1.0
Selceto	SE0004_D	37.4	159.4	5.59	114.94	7.95	4.25	0.73	114.95	0.92	320.9	7.13	11.7	11.7	19.6	3.85	8.32	8.32	4.23	134.72	1.0	1.0
Selceto	SE0005__	109.6	163.1	52.76	114.95	8.85	4.08	0.81	114.95	0.85	497.9	5.26	28.0	28.0	31.4	3.37	14.74	14.74	4.69	137.87	1.0	1.0
Selceto	SE0006__	136.6	175.3	16.46	114.95	8.96	3.38	0.65	114.95	0.58	559.7	5.29	31.4	31.4	34.9	3.37	16.60	16.60	4.76	144.76	1.0	1.0
Selceto	SE0006__-01-SE0007__	186.7	174.8	18.56	114.95	9.35	2.02	0.36	114.95	0.21	842.8	6.27	37.3	42.0	40.4	3.60	23.38	24.71	5.79	156.69	1.0	1.0
Selceto	SE0007__	236.7	174.1	28.21	114.95	9.74	1.49	0.26	114.95	0.11	1100.3	6.52	45.7	52.5	49.7	3.69	29.80	32.31	5.99	158.92	1.0	1.0
Selceto	SE0008__	293.3	173.2	23.36	114.95	10.29	1.39	0.23	114.95	0.10	1066.3	7.71	33.6	44.5	38.7	4.12	25.89	29.96	6.69	166.54	1.0	1.0
Selceto	SE0008__-01-SE0009__	342.9	172.2	16.10	114.95	9.76	1.64	0.28	114.95	0.14	951.8	7.32	32.4	39.7	37.0	4.01	23.75	25.96	6.41	156.90	1.0	1.0
Selceto	SE0009__	392.4	171.9	20.64	114.95	9.24	1.99	0.36	114.95	0.20	827.8	6.94	31.3	34.9	35.6	3.82	21.70	22.66	6.09	153.50	1.0	1.0
Selceto	SE0010__	446.1	165.3	44.87	114.95	10.96	0.88	0.13	114.95	0.04	1608.2	8.48	42.1	48.5	45.8	4.50	35.73	38.04	7.81	165.16	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
Romacale	RO0001_A	0.0	21.4	8.55	116.16	4.76	0.98	0.24	116.21	0.05	51.5	4.35	5.0	10.9	6.3	2.27	2.18	4.06	3.43	105.76	1.0	1.0
Romacale	RO0001_B	1.5	21.4	0.00	115.76	4.26	2.65	1.01	116.11	0.36	23.5	9999.99	2.3	10.9	8.6	2.18	0.82	3.23	0.95	65.45	1.0	1.0
Romacale	RO0002_C	11.4	21.1	0.00	115.68	4.68	2.36	0.52	115.95	0.28	27.7	9999.99	2.3	4.5	8.6	2.51	0.91	1.64	1.06	63.04	1.0	1.0
Romacale	RO0002_D	11.5	21.0	0.24	115.71	4.81	1.76	0.27	115.86	0.16	32.5	4.79	2.5	4.5	10.5	2.41	1.20	1.86	1.14	80.30	1.0	1.0
Romacale	RO0003_A	12.6	19.5	2.30	115.71	4.82	1.63	0.24	115.84	0.14	32.1	4.80	2.5	4.5	10.4	2.42	1.20	1.87	1.16	80.13	1.0	1.0
Romacale	RO0003_B	12.7	19.5	0.00	115.54	4.55	2.20	0.74	115.77	0.25	25.8	9999.99	2.3	4.5	8.6	2.42	0.89	1.60	1.04	62.72	1.0	1.0
Romacale	RO0004_C	54.3	19.5	0.00	114.97	4.42	3.65	1.00	115.35	0.68	19.8	9999.99	1.8	5.9	6.9	2.07	0.70	2.02	1.02	74.97	1.0	1.0
Romacale	RO0004_D	54.8	18.8	0.88	115.10	4.57	3.09	1.00	115.23	0.49	28.5	4.42	2.6	5.9	4.5	2.22	1.15	2.26	2.55	105.21	1.0	1.0
Romacale	RO0005_A	57.8	11.4	11.73	115.19	4.89	-1.42	0.71	115.21	0.10	41.7	4.53	3.9	7.4	7.2	2.34	1.75	2.98	2.43	103.35	1.0	1.0
Romacale	RO0005_B	58.0	11.4	0.00	114.86	4.56	-3.65	1.43	115.13	0.68	17.1	9999.99	1.6	7.0	6.6	2.90	0.50	2.17	0.75	68.41	1.0	1.0
Romacale	RO0006_C	69.4	11.3	0.00	113.98	3.56	5.88	1.99	114.52	1.76	11.0	9999.99	1.6	2.1	6.2	2.43	0.34	0.41	0.54	65.97	1.0	1.0
Romacale	RO0006_D	70.4	11.3	-0.12	113.98	3.56	3.88	1.26	113.98	0.77	11.3	3.16	2.1	6.2	5.3	1.72	0.66	1.69	1.23	85.49	1.0	1.0
Romacale	RO0007__	81.0	10.6	0.70	113.98	3.69	2.77	1.17	113.98	0.39	26.7	3.27	4.8	4.8	5.4	1.71	1.56	1.56	2.90	91.85	1.0	1.0
Romacale	RO0007__-01-RO0008__	111.8	10.3	-1.10	113.98	4.01	2.46	1.09	113.98	0.31	40.9	3.51	6.3	6.3	6.8	1.86	2.20	2.20	3.22	93.78	1.0	1.0
Romacale	RO0008__	142.6	10.1	-1.22	113.98	4.34	2.46	1.04	113.98	0.31	58.0	3.75	7.8	7.9	8.3	1.99	2.92	3.61	3.52	96.74	1.0	1.0
Romacale	RO0008__-01-RO0009__	184.2	10.2	-1.94	113.98	5.28	2.64	1.02	113.98	0.35	84.5	4.41	8.1	10.1	9.1	2.36	3.58	4.35	3.95	112.50	1.0	1.0
Romacale	RO0009__	225.7	10.3	-2.41	113.98	6.21	-2.47	1.00	113.98	0.31	115.5	5.02	8.5	12.5	10.0	2.71	4.25	6.11	4.25	122.27	1.0	1.0
Romacale	RO0010__	269.1	11.6	-3.21	113.99	6.88	1.83	0.79	113.99	0.17	171.5	5.03	12.2	12.2	14.1	2.80	6.13	6.13	4.35	122.47	1.0	1.0
Romacale	RO0011__	321.5	12.9	-4.21	113.99	7.40	2.29	0.60	113.99	0.27	139.4	5.40	8.1	9.8	11.8	3.18	4.37	5.14	3.72	109.06	1.0	1.0
Romacale	RO0012__	331.2	14.4	-1.51	113.98	7.22	3.33	1.01	113.99	0.57	89.8	6.38	4.2	9.8	7.7	3.35	2.67	5.12	3.46	115.32	1.0	1.0
Romacale	RO0013__	332.2	14.5	-0.08	113.99	10.53	0.68	0.12	113.99	0.02	261.4	10.12	5.0	12.8	15.9	5.16	5.06	8.44	3.19	124.55	1.0	1.0
Ischieto	IS0001_A	-21.5	39.9	0.00	113.69	4.21	2.39	0.50	113.69	0.29	45.0	3.88	5.9	5.9	16.1	1.95	2.31	2.31	1.43	103.41	1.0	1.0
Ischieto	IS0001_B	-20.5	39.9	0.00	113.69	4.21	2.44	0.50	113.69	0.30	43.8	14.21	5.9	5.9	18.5	2.14	2.04	2.04	1.19	97.22	1.0	1.0
Ischieto	IS0001_C	0.0	40.0	0.00	113.69	4.29	2.57	0.68	113.69	0.34	44.3	14.38	5.9	5.9	18.7	2.16	2.05	2.05	1.19	97.13	1.0	1.0
Ischieto	IS0001_D	1.0	40.0	0.00	113.69	4.29	2.57	1.00	113.69	0.34	45.6	3.91	5.9	5.9	16.3	1.96	2.32	2.32	1.43	103.27	1.0	1.0
Ischieto	IS0002_A	2.4	40.0	0.00	113.69	4.42	1.43	0.42	113.69	0.10	80.0	2.88	17.2	47.2	21.9	1.61	4.96	9.00	2.27	118.98	1.0	1.0
Ischieto	IS0002_B	3.4	40.0	0.00	113.69	4.42	2.66	1.00	113.69	0.36	72.8	2.76	17.2	47.2	22.3	1.53	4.76	8.79	2.14	116.59	1.0	1.0
Ischieto	IS0002_C	7.9	40.0	0.00	113.69	4.68	3.81	1.00	113.69	0.74	72.3	9999.99	17.2	47.2	21.4	1.52	4.76	9.58	2.22	115.19	1.0	1.0
Ischieto	IS0002_D	8.9	40.0	0.00	113.69	4.68	0.94	0.26	113.69	0.05	162.1	2.55	40.7	47.2	42.4	1.56	10.38	10.75	2.45	118.43	1.0	1.0
Ischieto	IS0003_A	14.9	39.9	0.00	113.69	4.62	2.24	1.00	113.69	0.26	72.6	2.76	15.4	23.0	17.9	1.71	4.24	4.88	2.36	114.25	1.0	1.0
Ischieto	IS0003_B	15.9	39.9	0.00	113.69	4.62	4.00	1.00	113.69	0.82	42.6	9999.99	12.1	23.0	25.5	2.73	1.56	2.66	0.94	89.84	1.0	1.0
Ischieto	IS0003_C	23.4	39.9	0.00	113.69	4.83	4.54	1.00	113.69	1.05	45.1	9999.99	12.1	23.0	25.7	2.80	1.61	2.71	0.98	91.03	1.0	1.0
Ischieto	IS0003_D	24.4	39.9	-1.51	113.69	4.85	3.72	1.00	113.69	0.71	75.8	2.81	15.3	23.0	18.1	1.76	4.31	4.95	2.38	114.66	1.0	1.0
Ischieto	IS0004__	34.6	39.9	-9.91	113.69	5.23	3.51	1.00	113.69	0.63	89.6	3.35	13.8	20.2	15.8	1.93	4.62	5.55	2.92	120.81	1.0	1.0
Ischieto	IS0004__-01-IS0005_A	57.6	39.9	-7.96	113.69	5.88	3.46	1.00	113.70	0.61	142.4	4.33	13.7	23.5	16.3	2.38	5.95	7.70	3.65	128.56	1.0	1.0
Ischieto	IS0005_A	80.7	39.9	-4.70	113.69	6.52	2.93	0.94	113.70	0.44	210.7	5.26	13.7	26.7	18.2	2.91	7.21	10.40	3.97	131.34	1.0	1.0
Ischieto	IS0005_B	81.7	39.9	0.00	113.69	6.56	3.00	1.00	113.70	0.46	167.8	9999.99	9.0	26.7	32.6	3.52	4.74	8.29	2.00	115.60	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
Ischieto	IS0005_C	94.7	39.9	0.00	113.68	7.00	3.06	1.00	113.69	0.48	173.8	9999.99	9.0	26.7	32.8	3.58	4.83	8.37	2.04	116.28	1.0	1.0
Ischieto	IS0005_D	95.7	39.9	-5.81	113.68	7.03	3.06	1.00	113.69	0.48	217.9	5.33	13.7	26.7	18.4	2.97	7.31	10.48	3.97	131.71	1.0	1.0
Ischieto	IS0006__	121.7	42.2	-14.69	113.68	7.91	3.40	1.00	113.69	0.59	266.0	5.93	13.8	37.1	16.5	3.23	8.16	17.81	4.94	125.42	1.0	1.0
Ischieto	IS0006__-01-IS0007__	149.3	55.4	-13.82	113.68	8.63	3.72	1.00	113.69	0.70	360.7	6.65	15.0	32.8	17.4	3.59	9.95	18.69	5.71	132.81	1.0	1.0
Ischieto	IS0007__	176.9	61.2	-6.33	113.68	9.36	2.03	0.54	113.69	0.21	467.1	7.30	16.2	28.5	18.6	3.93	11.81	18.85	6.36	141.18	1.0	1.0
Verrazzano	VE0001_A	-16.5	25.9	0.00	117.40	3.09	2.90	0.62	117.83	0.43	21.1	3.13	2.9	3.4	7.8	1.50	0.89	0.89	1.15	88.87	1.0	1.0
Verrazzano	VE0001AB	-15.5	25.9	0.00	117.29	2.99	3.15	0.54	117.80	0.51	20.9	3.97	2.8	2.8	9.0	1.53	0.82	0.82	0.92	89.08	1.0	1.0
Verrazzano	VE0001AC	0.0	25.8	0.00	116.32	2.12	4.38	1.00	117.27	0.98	17.7	2.12	2.8	2.8	7.1	1.06	0.60	0.60	0.85	86.76	1.0	1.0
Verrazzano	VE0001_B	0.4	25.8	0.00	116.37	2.74	3.34	0.65	116.94	0.57	19.4	2.75	2.8	2.8	8.3	1.37	0.77	0.77	0.93	89.59	1.0	1.0
Verrazzano	VE0001_C	4.7	25.8	0.00	116.15	2.59	3.63	0.73	116.83	0.67	18.5	2.52	2.8	2.8	7.7	1.26	0.71	0.71	0.92	89.19	1.0	1.0
Verrazzano	VE0001_D	5.7	25.8	0.00	115.67	2.11	4.48	1.00	116.70	1.02	17.7	2.04	2.8	2.8	6.8	1.02	0.58	0.58	0.85	86.90	1.0	1.0
Verrazzano	VE0002__	7.5	25.8	0.00	116.09	2.45	2.53	1.00	116.24	0.33	19.8	1.60	9.4	9.4	10.8	1.01	1.51	1.51	1.41	101.89	1.0	1.0
Verrazzano	VE0003__	14.2	25.8	0.00	115.55	2.47	3.92	1.00	116.13	0.78	16.5	1.56	6.6	6.6	9.5	1.00	0.76	0.76	0.80	85.15	1.0	1.0
Verrazzano	VE0004__	43.2	26.0	0.00	114.51	2.04	3.56	1.00	115.02	0.65	15.1	1.37	5.9	5.9	7.5	0.83	0.81	0.81	1.08	94.11	1.0	1.0
Verrazzano	VE0005_A	69.2	7.4	19.63	114.64	2.87	1.17	0.49	114.66	0.07	17.1	2.82	4.5	6.5	8.8	1.31	1.27	1.27	1.45	84.92	1.0	1.0
Verrazzano	VE0005_B	70.2	7.4	0.00	114.39	2.61	2.63	1.01	114.59	0.35	7.6	9999.99	2.3	6.5	8.0	1.67	0.37	0.73	0.46	65.46	1.0	1.0
Verrazzano	VE0005_C	142.3	6.9	0.00	113.01	3.41	4.18	1.02	113.01	0.89	7.8	9999.99	1.5	3.9	6.2	1.74	0.45	0.89	0.72	70.57	1.0	1.0
Verrazzano	VE0005_D	143.3	7.1	0.85	113.01	3.72	2.83	1.02	113.01	0.41	17.3	2.79	3.9	3.9	5.6	1.58	1.10	1.10	1.94	88.66	1.0	1.0
Verrazzano	VE0006__	146.2	7.9	3.23	113.00	3.87	2.88	1.02	113.01	0.42	19.6	3.02	3.9	3.9	6.0	1.65	1.18	1.18	1.98	91.79	1.0	1.0
Verrazzano	VE0007__	159.9	-10.1	7.19	113.00	4.74	2.96	1.02	113.01	0.45	35.5	3.90	4.2	4.2	6.0	2.15	1.64	1.64	2.74	94.62	1.0	1.0
Verrazzano	VE0008__	178.8	-16.2	8.72	112.99	5.05	2.88	1.00	113.01	0.42	38.8	4.48	3.6	3.6	5.6	2.36	1.60	1.60	2.88	98.65	1.0	1.0
Verrazzano	VE0009__	201.9	-21.9	6.45	113.00	5.62	3.02	1.01	113.02	0.46	68.8	4.50	6.1	6.1	7.5	2.46	2.76	2.76	3.70	105.61	1.0	1.0
Castiglionchio	CA0049_A	0.0	112.8	0.10	101.27	5.91	1.42	0.44	101.37	0.10	179.6	3.33	23.8	24.1	27.9	2.06	7.93	7.93	2.84	129.92	1.0	1.0
Castiglionchio	CA0048_B	6.6	112.7	0.00	100.84	5.42	2.87	0.69	101.25	0.42	101.6	6.82	21.3	21.7	35.6	1.86	3.96	3.97	1.13	95.56	1.0	1.0
Castiglionchio	CA0047_C	16.4	112.7	0.00	100.12	4.90	6.12	1.00	100.93	1.91	90.1	3.82	17.5	17.9	29.7	1.65	2.83	2.84	0.95	90.29	1.0	1.0
Castiglionchio	CA0046_D	21.3	112.7	0.00	98.41	3.48	4.57	1.00	99.47	1.07	85.2	2.13	11.5	11.5	13.9	1.32	2.46	2.46	1.77	111.04	1.0	1.0
Castiglionchio	CA0045__	67.9	113.1	-2.36	97.62	3.59	3.26	1.00	98.12	0.54	79.3	1.59	22.6	22.6	24.9	1.20	3.59	3.59	1.44	103.36	1.0	1.0
Castiglionchio	CA0044__	91.6	103.5	10.04	97.86	4.15	3.02	1.00	97.96	0.46	107.4	1.83	40.3	40.4	42.8	1.26	7.38	7.38	1.72	109.90	1.0	1.0
Castiglionchio	CA0043_A	110.1	95.5	8.19	97.87	4.63	2.44	1.00	97.94	0.30	127.6	2.24	36.8	45.3	38.9	1.41	8.23	8.63	2.12	117.76	1.0	1.0
Castiglionchio	CA0042_B	120.2	95.4	0.00	97.20	4.57	4.85	1.20	97.74	1.20	68.9	4.06	27.4	27.4	38.8	1.66	2.94	2.94	1.01	92.05	1.0	1.0
Castiglionchio	CA0041_C	258.8	95.5	0.00	93.47	4.00	4.98	1.48	94.25	1.27	70.7	2.53	15.7	15.7	29.3	1.55	2.45	2.45	1.06	93.54	1.0	1.0
Castiglionchio	CA0040_D	264.0	92.8	2.71	92.86	3.74	4.62	1.00	93.50	1.09	59.1	2.17	26.4	26.4	30.7	1.33	2.85	2.85	1.32	100.66	1.0	1.0
Castiglionchio	CA0039__	269.6	92.5	1.73	92.45	3.38	3.21	1.00	92.88	0.52	55.8	1.35	26.0	26.0	28.0	0.91	3.14	3.14	1.12	95.18	1.0	1.0
Castiglionchio	CA0038__	275.8	90.6	1.82	92.48	3.68	2.98	1.00	92.81	0.45	57.9	1.49	24.9	26.1	28.6	1.00	3.50	3.54	1.22	98.05	1.0	1.0
Castiglionchio	CA0037__	288.4	78.3	12.45	92.55	4.00	2.07	0.56	92.73	0.22	63.5	1.82	22.4	36.7	24.3	1.19	4.06	5.36	1.67	108.93	1.0	1.0
Castiglionchio	CA0036__	299.7	61.5	16.92	92.59	4.23	1.50	0.37	92.70	0.11	62.3	1.97	21.1	40.5	23.6	1.27	4.17	6.33	1.77	110.94	1.0	1.0
Castiglionchio	CA0035_A	306.5	53.6	8.22	92.59	4.31	1.48	0.36	92.69	0.11	56.8	2.08	20.9	28.9	24.3	1.24	3.97	4.82	1.63	107.95	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
Castiglionchio	CA0035_B	307.9	53.6	0.00	92.56	4.27	1.62	0.52	92.68	0.13	51.7	9999.99	20.9	28.9	35.6	1.31	3.48	4.30	1.21	97.68	1.0	1.0
Castiglionchio	CA0035_C	312.0	53.6	0.00	92.54	4.26	1.78	0.55	92.66	0.16	51.2	9999.99	20.9	28.9	35.6	1.37	3.45	4.25	1.20	97.57	1.0	1.0
Castiglionchio	CA0034_D	313.0	48.3	6.20	92.56	4.28	1.80	0.35	92.64	0.17	56.4	2.72	19.2	28.5	24.1	1.41	3.85	4.74	1.60	107.31	1.0	1.0
Castiglionchio	CA0033_A	316.7	32.4	16.16	92.60	4.44	1.31	0.31	92.63	0.09	64.7	2.17	22.0	22.0	25.0	1.31	4.78	4.78	1.91	113.86	1.0	1.0
Castiglionchio	CA0032_B	321.3	32.4	0.00	92.57	4.38	1.99	0.44	92.62	0.20	48.7	5.80	13.4	15.0	26.9	1.43	3.17	3.40	1.18	96.90	1.0	1.0
Castiglionchio	CA0031_C	378.7	32.5	0.00	90.40	2.21	4.75	1.01	91.54	1.15	22.7	2.30	3.6	3.6	7.1	1.02	0.69	0.69	0.96	90.52	1.0	1.0
Castiglionchio	CA0030_D	385.1	32.5	0.00	88.53	1.68	3.15	1.01	89.02	0.50	16.7	1.00	10.4	10.4	11.0	0.61	1.04	1.04	0.94	89.91	1.0	1.0
Castiglionchio	CA0029__	397.7	54.6	-16.42	88.40	3.75	2.75	1.00	88.50	0.38	67.6	2.83	13.6	13.6	17.0	1.55	3.87	3.87	2.27	120.62	1.0	1.0
Castiglionchio	CA0028__	426.3	75.8	-21.42	88.29	4.29	1.93	1.00	88.47	0.19	86.6	3.14	12.6	12.6	15.5	1.82	3.96	3.96	2.56	125.55	1.0	1.0
Castiglionchio	CA0027__	443.1	65.4	13.53	88.16	4.71	2.67	0.68	88.43	0.36	67.0	2.97	9.4	13.2	13.6	1.87	2.78	3.55	2.05	116.42	1.0	1.0
Castiglionchio	CA0026__	449.2	61.1	7.67	88.23	4.67	2.80	0.62	88.40	0.40	63.2	2.55	15.6	20.9	21.3	1.64	3.20	4.25	1.50	104.89	1.0	1.0
Castiglionchio	CA0025__	461.3	59.4	13.21	87.96	4.39	4.66	1.00	88.33	1.11	53.4	4.23	4.2	14.3	9.3	2.17	1.76	4.58	1.90	100.20	1.0	1.0
Castiglionchio	CA0024__	483.5	69.7	-22.26	86.64	3.53	5.54	1.01	87.93	1.57	59.4	3.40	4.1	18.4	9.9	1.73	1.38	2.37	1.39	97.79	1.0	1.0
Castiglionchio	CA0023_A	492.9	52.2	21.52	87.26	4.35	2.45	0.57	87.57	0.31	58.8	4.36	4.9	15.6	11.1	2.15	2.13	4.23	1.93	104.63	1.0	1.0
Castiglionchio	CA0023_B	493.9	52.2	0.00	87.06	4.18	2.99	0.54	87.52	0.46	56.1	9999.99	4.9	20.4	19.4	2.30	1.75	3.65	1.24	98.64	1.0	1.0
Castiglionchio	CA0022_C	505.6	52.3	0.00	86.90	4.15	3.06	0.81	87.37	0.48	54.9	9999.99	4.9	10.1	19.9	2.24	1.73	3.59	1.23	98.33	1.0	1.0
Castiglionchio	CA0021_D	512.7	52.4	0.00	86.82	4.21	3.01	0.53	87.26	0.46	56.7	9999.99	5.2	21.6	20.4	2.31	1.77	3.24	1.32	100.64	1.0	1.0
Castiglionchio	CA0021_E	513.7	49.7	2.64	86.90	4.27	2.37	0.41	87.17	0.29	56.0	3.93	5.4	21.6	11.4	2.07	2.14	3.68	1.87	107.37	1.0	1.0
Castiglionchio	CA0020__	521.4	54.6	-8.33	86.24	3.56	4.25	1.00	87.07	0.92	45.7	3.04	4.5	14.7	10.4	1.71	1.36	1.79	1.31	100.39	1.0	1.0
Castiglionchio	CA0019__	536.9	58.2	-4.22	86.22	3.98	3.76	0.74	86.85	0.72	50.7	2.85	6.0	17.4	13.1	1.80	1.66	2.81	1.27	99.12	1.0	1.0
Castiglionchio	CA0018__	552.1	58.4	-0.16	86.03	3.97	4.09	0.81	86.69	0.85	49.8	2.85	5.7	6.6	12.7	1.75	1.62	1.65	1.28	99.56	1.0	1.0
Castiglionchio	CA0017__	564.3	57.8	1.30	86.15	4.12	3.03	0.57	86.54	0.47	55.0	3.09	6.7	12.8	13.7	1.86	2.07	2.46	1.51	105.28	1.0	1.0
Castiglionchio	CA0016__	579.1	55.5	4.03	85.94	4.25	3.34	0.65	86.44	0.57	50.0	3.01	5.9	5.9	12.7	1.82	1.77	1.83	1.39	99.79	1.0	1.0
Castiglionchio	CA0015__	598.7	49.5	9.02	85.99	4.71	2.45	0.42	86.30	0.31	53.4	3.51	5.8	13.8	13.1	2.03	2.02	2.68	1.54	103.03	1.0	1.0
Castiglionchio	CA0014__	601.7	49.1	0.71	85.75	3.82	3.17	1.00	86.26	0.51	41.8	2.98	5.2	5.6	11.8	1.67	1.55	1.61	1.31	100.04	1.0	1.0
Castiglionchio	CA0013__	607.8	43.9	5.30	85.99	4.96	1.84	0.30	86.17	0.17	62.2	3.99	6.0	6.5	13.9	2.26	2.39	2.80	1.73	104.89	1.0	1.0
Castiglionchio	CA0012__	621.9	43.9	0.00	85.63	3.96	2.96	0.62	86.08	0.45	38.8	2.83	5.3	5.3	12.4	1.72	1.49	1.49	1.20	97.52	1.0	1.0
Castiglionchio	CA0011__	630.0	43.9	0.00	84.62	2.99	5.03	1.03	85.86	1.29	33.9	2.50	3.6	4.9	10.3	1.34	0.89	0.89	0.98	91.26	1.0	1.0
Castiglionchio	CA0010_A	638.6	43.9	-0.09	84.24	3.93	3.47	0.72	84.79	0.61	37.5	2.75	5.1	9.4	12.4	1.71	1.33	1.57	1.09	94.34	1.0	1.0
Castiglionchio	CA0010_B	639.1	43.9	0.00	83.45	3.15	4.84	1.00	84.60	1.20	35.0	9999.99	3.4	3.4	12.3	1.52	0.91	0.91	1.01	92.10	1.0	1.0
Castiglionchio	CA0010_C	639.6	43.9	0.00	83.26	2.95	5.08	1.03	84.53	1.31	34.4	2.58	3.4	3.4	8.7	1.37	0.88	0.88	1.01	91.97	1.0	1.0
Castiglionchio	CA0010_D	640.1	44.0	-0.06	83.20	2.93	5.05	1.03	84.46	1.30	34.2	2.55	3.5	3.5	8.6	1.35	0.89	0.89	1.02	92.45	1.0	1.0
Castiglionchio	CA0009__	642.0	44.0	0.00	83.10	2.82	4.99	1.03	84.33	1.27	33.8	2.49	3.6	3.6	8.6	1.31	0.90	0.90	1.04	92.91	1.0	1.0
Castiglionchio	CA0008__	649.0	49.4	-7.84	82.87	3.64	5.07	1.02	83.56	1.31	41.1	3.23	4.1	9.4	10.6	1.74	1.30	1.55	1.22	97.95	1.0	1.0
Castiglionchio	CA0007__	672.9	50.8	-1.87	83.03	3.59	3.95	1.01	83.30	0.79	50.1	3.28	6.7	9.4	12.3	1.74	2.20	2.48	1.78	109.42	1.0	1.0
Castiglionchio	CA0006__	686.4	70.7	-21.03	82.89	4.97	3.57	1.00	83.19	0.65	67.7	4.30	5.0	14.2	11.2	2.28	2.17	3.52	1.93	106.68	1.0	1.0
Castiglionchio	CA0005__	716.6	67.6	4.97	82.90	5.86	1.44	0.21	82.99	0.11	140.1	5.46	8.7	11.1	18.0	2.77	4.73	5.04	2.63	123.49	1.0	1.0
Castiglionchio	CA0004_A	724.2	66.3	2.47	82.90	5.86	1.41	0.21	82.99	0.10	139.5	5.46	8.7	11.1	18.0	2.77	4.73	5.04	2.63	123.49	1.0	1.0
Castiglionchio	CA0004_B	725.2	66.3	0.00	82.90	5.86	2.82	0.55	82.90	0.41	106.2	9999.99	8.3	11.1	29.2	3.82	2.72	3.09	1.36	101.60	1.0	1.0
Castiglionchio	CA0003_C	734.0	66.3	0.00	82.89	5.86	2.97	0.58	82.90	0.45	104.4	9999.99	8.3	11.1	29.2	3.82	2.72	3.08	1.36	101.59	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
Castiglionchio	CA0003_D	734.5	66.2	0.22	82.90	5.47	1.97	1.00	82.90	0.20	111.0	5.00	8.6	9.1	13.6	2.59	4.28	4.28	3.15	112.70	1.0	1.0
Castiglionchio	CA0002__	744.6	65.7	-10.00	82.90	6.00	5.44	1.01	82.90	1.51	70.1	6.71	3.7	5.9	11.3	2.80	2.50	2.50	2.20	96.51	1.0	1.0
Castiglionchio	CA0002__-01-CA0001__	790.3	115.0	-53.60	82.90	7.01	5.52	1.02	82.90	1.55	125.9	5.86	6.9	7.6	11.9	3.13	4.02	4.02	3.37	112.41	1.0	1.0
Castiglionchio	CA0002__-02-CA0001__	836.0	123.2	-15.14	82.90	8.01	5.18	1.02	82.90	1.37	205.8	6.63	8.8	9.3	13.0	3.54	5.82	5.82	4.49	124.16	1.0	1.0
Castiglionchio	CA0002__-03-CA0001__	881.6	125.8	-13.38	82.90	9.02	4.94	1.02	82.90	1.25	312.7	7.37	10.7	10.9	14.2	3.97	7.89	7.89	5.57	133.65	1.0	1.0
Castiglionchio	CA0001__	927.3	125.1	0.00	82.90	10.02	4.82	1.01	82.90	1.18	450.4	8.11	12.6	12.6	15.4	4.41	10.22	10.22	6.62	141.77	1.0	1.0

Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s
	[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]
SF040__	359.98	SF146__	-448.2	SF664__	154.11	SF379__	43.82	SF1051__	2.37	SF1118__	-14.40	SF3060__	2.94	SF3127__	-1.77	SF3194__	4.36
SF043__	-105.6	SF147__	150.40	SF665__	115.58	SF380__	-23.81	SF1052__	7.81	SF1119__	-42.62	SF3061__	3.26	SF3128__	-1.49	SF3195__	4.36
SF044__	138.76	SF148__	90.30	SF666__	207.14	SF381__	10.34	SF1053__	3.04	SF632__	8.01	SF3062__	8.08	SF3129__	-3.21	SF3196__	3.75
SF045__	346.09	SF149__	-154.9	SF667__	49.81	SF382__	-10.62	SF1054__	16.26	SF634__	0.00	SF3063__	8.09	SF3130__	-2.10	SF3197__	3.70
SF046__	-205.2	SF150__	-442.2	SF668__	0.00	SF383__	-29.25	SF1055__	-3.15	SF635__	0.00	SF3064__	0.00	SF3131__	-2.11	SF3198__	0.42
SF047__	-198.0	SF151__	511.27	SF669__	610.09	SF384__	-6.73	SF1056__	15.54	SF637__	0.00	SF3065__	0.00	SF3132__	0.12	SF3199__	0.42
SF048__	646.56	SF152__	0.00	SF670__	209.37	SF385__	-21.27	SF1057__	-4.78	SF641__	0.00	SF3066__	-16.42	SF3133__	0.12	SF3200__	10.78
SF049__	57.52	SF153__	0.00	SF671__	68.91	SF386__	-7.36	SF1058__	-14.04	SF3001__	0.59	SF3067__	0.00	SF3134__	1.13	SF3201__	8.84
SF050__	-1.99	SF154__	0.00	SF672__	39.38	SF387__	14.85	SF1059__	9.95	SF3002__	143.94	SF3068__	-21.42	SF3135__	1.17	SF3202__	0.00
SF051__	72.52	SF155__	0.00	SF673__	59.07	SF388__	2.24	SF1060__	-17.62	SF3003__	11.70	SF3069__	0.00	SF3136__	4.63	SF3203__	0.00
SF052__	-364.9	SF156__	0.00	SF674__	59.07	SF389__	-2.27	SF1061__	8.57	SF3004__	131.02	SF3070__	13.53	SF3137__	4.04	SF3204__	0.00
SF053__	-0.83	SF157__	2.32	SF675__	78.76	SF390__	3.63	SF1062__	-24.90	SF3005__	8.55	SF3071__	0.00	SF3138__	0.88	SF3205__	0.00
SF054__	-81.84	SF365__	0.00	SF676__	78.76	SF391__	-10.33	SF1063__	-8.87	SF3006__	99.33	SF3072__	7.67	SF3139__	0.01	SF3206__	0.00
SF055__	102.99	SF366__	-253.3	SF677__	88.60	SF392__	26.16	SF1064__	-22.11	SF3007__	6.19	SF3073__	0.00	SF3104__	6.95	SF3207__	0.00
SF056__	-606.4	SF367__	104.18	SF678__	107.88	SF393__	29.77	SF1065__	-7.71	SF3008__	95.39	SF3074__	13.21	SF3141__	4.78	SF3208__	0.00
SF057__	1231.3	SF368__	-13.73	SF679__	118.39	SF394__	-35.48	SF1066__	-23.74	SF3009__	9.62	SF3075__	0.00	SF3142__	0.07	SF3209__	0.00
SF058__	316.56	SF369__	68.93	SF680__	0.00	SF399__	-10.59	SF1067__	-7.55	SF3009__	82.06	SF3076__	-5.74	SF3143__	-0.05	SF3210__	1.61
SF059__	0.00	SF370__	44.22	SF681__	0.00	SF400__	72.24	SF1068__	-24.15	SF3010__	9.68	SF3077__	-16.86	SF3144__	-0.75	SF3211__	1.61
SF060__	59.79	SF371__	0.00	SF682__	0.00	SF1002__	21.05	SF1069__	-6.17	SF3011__	84.08	SF3078__	10.56	SF3145__	-0.76	SF3212__	0.00
SF061__	859.13	SF372__	0.00	SF683__	0.00	SF1003__	83.09	SF1070__	-26.48	SF3012__	1.85	SF3079__	11.04	SF3146__	-0.04	SF3213__	0.00
SF071__	-1043	SF373__	227.25	SF684__	0.00	SF1004__	53.60	SF1071__	-7.83	SF3013__	-8.38	SF3080__	-4.16	SF3147__	-0.04	SF3214__	0.00
SF072__	177.40	SF395__	61.55	SF685__	0.00	SF1005__	79.23	SF1072__	-28.09	SF3014__	-1.87	SF3081__	-4.16	SF3148__	0.00	SF3215__	0.00
SF099__	-564.5	SF396__	-9.06	SF690__	0.00	SF1006__	-14.23	SF1073__	-5.69	SF3015__	-7.35	SF3082__	-0.87	SF3149__	0.00	SF3216__	0.05
SF100__	-276.0	SF397__	-134.0	SF691__	294.37	SF1007__	74.91	SF1074__	12.31	SF3016__	1.57	SF3083__	-3.35	SF3150__	0.00	SF3217__	0.05
SF101__	46.47	SF398__	-179.0	SF692__	0.00	SF1008__	-14.78	SF1075__	-8.14	SF3017__	-10.01	SF3084__	-0.02	SF3151__	0.00	SF3218__	-26.61
SF102__	-337.7	SF401__	47.19	SF693__	0.00	SF1009__	68.79	SF1076__	6.39	SF3018__	-1.53	SF3085__	-0.16	SF3152__	0.00	SF3219__	-26.99
SF104__	-657.6	SF402__	-85.61	SF694__	0.00	SF1010__	-13.80	SF1077__	-11.31	SF3019__	-31.69	SF3086__	0.54	SF3153__	0.00	SF3220__	-7.57
SF105__	-114.3	SF403__	-30.41	SF695__	0.00	SF1011__	63.68	SF1078__	7.49	SF3020__	-1.74	SF3087__	0.76	SF3154__	-1.51	SF3221__	-7.57
SF106__	37.14	SF404__	58.98	SF696__	0.00	SF1012__	-17.58	SF1079__	-10.99	SF3021__	-44.77	SF3088__	0.12	SF3155__	0.00	SF3222__	4.46
SF107__	-372.2	SF405__	340.62	SF697__	27.39	SF1013__	58.08	SF1080__	8.82	SF3022__	-3.01	SF3089__	4.01	SF3156__	-5.04	SF3223__	-14.22
SF108__	347.26	SF406__	212.06	SF698__	0.00	SF1014__	-16.18	SF1081__	-7.38	SF3023__	-55.08	SF3090__	0.92	SF3157__	-4.87	SF3224__	-4.30
SF109__	-529.6	SF407__	197.15	SF699__	1.67	SF1015__	52.86	SF1082__	9.51	SF3024__	0.00	SF3091__	8.10	SF3158__	-3.25	SF3225__	-3.99
SF110__	580.82	SF408__	20.40	SF700__	0.00	SF1016__	-14.71	SF1083__	-9.41	SF3025__	-59.62	SF3092__	0.01	SF3159__	-2.57	SF3226__	-6.30
SF111__	3.90	SF412__	-4.39	SF701__	0.00	SF1017__	46.31	SF1084__	7.55	SF3026__	0.00	SF3093__	0.71	SF3160__	-6.88	SF3227__	-7.52
SF112__	-14.34	SF413__	-3.37	SF702__	0.00	SF1018__	-17.77	SF1085__	-10.94	SF3027__	-29.23	SF3094__	2.48	SF3161__	-7.81	SF3228__	-0.55
SF113__	11.66	SF414__	-231.5	SF703__	-140.5	SF1019__	39.56	SF1086__	29.20	SF3028__	0.00	SF3095__	3.06	SF3162__	-2.23	SF3229__	-0.55
SF114__	46.33	SF415__	-131.5	SF704__	-71.24	SF1020__	-25.61	SF1087__	-9.26	SF3029__	-29.42	SF3096__	0.00	SF3163__	-2.47	SF3230__	-0.97

Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s
	[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]
SF115__	0.00	SF618__	0.00	SF705__	-40.53	SF1021__	35.37	SF1088__	32.12	SF3030__	-0.07	SF3097__	0.00	SF3164__	-3.02	SF3231__	-1.58
SF116__	0.00	SF619__	1.03	SF706__	-152.8	SF1022__	13.01	SF1089__	-13.00	SF3031__	-62.02	SF3098__	0.00	SF3165__	-3.31	SF3232__	18.56
SF117__	-373.7	SF620__	0.00	SF707__	-106.3	SF1023__	0.00	SF1090__	35.11	SF3032__	-9.06	SF3099__	0.00	SF3166__	0.00	SF3233__	4.70
SF118__	-84.35	SF621__	0.50	SF708__	0.00	SF1024__	7.88	SF1091__	-16.06	SF3033__	-93.16	SF3100__	-0.09	SF3167__	0.00	SF3234__	13.67
SF119__	70.92	SF622__	0.00	SF709__	0.00	SF1025__	0.00	SF1092__	39.74	SF3034__	-19.45	SF3101__	0.00	SF3168__	0.10	SF3235__	-8.93
SF120__	880.19	SF623__	0.55	SF717__	1.85	SF1026__	3.24	SF1093__	-14.56	SF3035__	-102.73	SF3102__	0.00	SF3169__	0.11	SF3236__	28.90
SF121__	-1364	SF624__	0.67	SF766__	51.86	SF1027__	24.64	SF1094__	43.38	SF3036__	-11.78	SF3103__	0.00	SF3170__	13.24	SF3237__	31.27
SF122__	-6.12	SF625__	21.89	SF767__	10.41	SF1028__	-4.33	SF1095__	-18.53	SF3037__	-104.00	SF3104__	-7.84	SF3171__	13.18	SF3238__	30.19
SF123__	0.00	SF642__	50.14	SF769__	37.53	SF1029__	21.90	SF1096__	-18.96	SF3038__	0.00	SF3105__	0.00	SF3172__	1.70	SF3239__	28.57
SF124__	-2.11	SF643__	55.35	SF770__	10.40	SF1030__	-7.19	SF1097__	-21.40	SF3039__	0.10	SF3106__	-0.60	SF3173__	1.70	SF3240__	27.17
SF125__	-14.93	SF644__	266.05	SF771__	-2.25	SF1031__	18.11	SF1098__	-28.16	SF3040__	0.00	SF3107__	-1.28	SF3174__	4.11	SF3241__	29.51
SF126__	0.00	SF645__	0.00	SF772__	-0.84	SF1032__	-17.19	SF1099__	-23.45	SF3041__	0.00	SF3108__	-8.74	SF3175__	4.11	SF3242__	28.09
SF127__	-0.04	SF646__	0.00	SF773__	-0.84	SF1033__	25.01	SF1100__	-36.55	SF3042__	-2.36	SF3109__	-12.55	SF3176__	2.88	SF3243__	27.01
SF128__	0.00	SF647__	0.00	SF776__	0.00	SF1034__	-24.58	SF1101__	-27.08	SF3043__	0.00	SF3110__	2.51	SF3177__	2.88	SF3244__	24.81
SF129__	7.91	SF648__	0.00	SF777__	0.00	SF1035__	27.07	SF1102__	-37.96	SF3044__	10.04	SF3111__	2.46	SF3178__	2.79	SF3245__	26.31
SF130__	-7.72	SF649__	0.15	SF778__	0.00	SF1036__	-34.57	SF1103__	-12.14	SF3045__	0.00	SF3112__	1.93	SF3179__	2.79	SF3246__	25.52
SF131__	0.00	SF650__	0.00	SF779__	0.00	SF1037__	22.24	SF1104__	-34.28	SF3046__	8.19	SF3113__	-0.95	SF3180__	51.86	SF3247__	0.00
SF132__	86.82	SF651__	0.00	SF780__	0.00	SF1038__	15.36	SF1105__	-12.04	SF3047__	0.00	SF3114__	0.14	SF3181__	6.73	SF3248__	39.38
SF133__	2.85	SF652__	0.00	SF782__	6.69	SF1039__	18.85	SF1106__	-69.77	SF3048__	1.18	SF3115__	0.10	SF3182__	16.46	SF3249__	29.48
SF134__	738.93	SF653__	0.00	SF783__	-14.49	SF1040__	9.42	SF1107__	13.02	SF3049__	1.52	SF3116__	-5.01	SF3183__	3.74	SF3250__	4.33
SF135__	0.00	SF654__	0.00	SF784__	23.49	SF1041__	14.12	SF1108__	-72.25	SF3050__	1.34	SF3117__	-5.00	SF3184__	28.21	SF3251__	0.00
SF136__	362.91	SF655__	0.00	SF785__	-24.96	SF1042__	4.56	SF1109__	11.95	SF3051__	0.47	SF3118__	1.97	SF3185__	5.05	SF3252__	0.00
SF137__	0.00	SF656__	0.00	SF786__	-27.94	SF1043__	11.31	SF1110__	-73.58	SF3052__	0.68	SF3119__	0.94	SF3186__	23.36	SF3253__	0.00
SF138__	0.00	SF657__	0.00	SF787__	-55.08	SF1044__	-2.62	SF1111__	10.93	SF3053__	1.52	SF3120__	-0.06	SF3187__	4.51	SF3254__	0.00
SF139__	527.51	SF658__	0.00	SF788__	-23.22	SF1045__	3.35	SF1112__	-74.07	SF3054__	5.01	SF3121__	0.00	SF3188__	19.27	SF3255__	0.00
SF140__	175.88	SF659__	0.00	SF374__	-105.07	SF1046__	-3.17	SF1113__	10.71	SF3055__	7.44	SF3122__	-0.29	SF3189__	-11.24	-	-
SF142__	-0.62	SF660__	70.57	SF375__	-72.10	SF1047__	2.20	SF1114__	-74.35	SF3056__	8.46	SF3123__	0.50	SF3190__	43.93	-	-
SF143__	3.22	SF661__	91.40	SF376__	11.36	SF1048__	-3.88	SF1115__	10.83	SF3057__	8.46	SF3124__	-0.60	SF3191__	9.14	-	-
SF144__	2.53	SF662__	70.57	SF377__	-67.33	SF1049__	2.04	SF1116__	3.59	SF3058__	4.11	SF3125__	-0.70	SF3192__	3.23	-	-
SF145__	7.05	SF663__	105.86	SF378__	8.76	SF1050__	-4.59	SF1117__	-3.71	SF3059__	4.11	SF3126__	-1.20	SF3193__	3.23	-	-

Cassa	H [m]	V [m <sup>3</sup> ]	s [m <sup>3</sup> /s]
V2-001	115.32	431467.3	-20.41
V2-002-01	115.43	1183855.0	-56.42
V2-002-02	115.42	98321.4	4.03
V2-003	114.52	1733998.0	-75.41
V2-005	114.52	1191.7	0.15
V2-007-01	116.01	0.0	0.00
V2-007-02	114.92	0.0	0.00
V2-008	87.72	286507.7	95.97
V2-011	100.75	0.0	0.00
V2-012-01	80.19	471509.4	83.12
V2-015	102.58	7139.5	2.32
V2-017	89.56	0.0	0.00
V2-019	87.05	426345.6	98.15
V2-021-01	82.36	230031.7	-291.3
V2-021-02	80.17	0.0	0.00
V2-022-01	110.25	92610.1	13.10
V2-022-02	111.56	35641.2	9.54
V2-023	114.08	3137782.0	143.89
V2-025-01	113.47	2331836.0	296.23
V2-025-02	113.82	1759722.0	138.50
V3-003-01	76.14	92272.5	19.36
V3-003-02	76.39	298180.7	-57.99
V3-003-03	79.01	194868.4	49.84
V3-003-04	76.39	23220.0	1.67
V3-003-05	78.04	0.0	0.00
V3-004	75.57	367211.8	-122.2
V3-005-01	73.04	202022.5	-50.07
V3-005-02	73.67	130831.6	-28.33
V3-005-03	74.67	176349.1	53.53
V3-006-02	72.65	180462.6	-55.58
V2_01	4.20	2009581.0	85.15
V2-012-02	2.38	177715.1	-24.68



<b>LEGENDA</b>		
<b>Simbolo</b>	<b>Descrizione</b>	<b>S.I.</b>
<b>P</b>	<i>progressiva da monte</i>	[m]
<b>q</b>	<i>portata</i>	[m <sup>3</sup> /s]
<b>s</b>	<i>portata sfiorata</i>	[m <sup>3</sup> /s]
<b>h</b>	<i>livello idrometrico</i>	[m]
<b>y</b>	<i>altezza d'acqua</i>	[m]
<b>V</b>	<i>velocità media</i>	[m/s]
<b>Fr</b>	<i>numero di Froude</i>	
<b>Et</b>	<i>carico totale</i>	[m]
<b>Ev</b>	<i>carico cinematico</i>	[m]
<b>Sp</b>	<i>spinta totale</i>	[t]
<b>ym</b>	<i>profondità media</i>	[m]
<b>b</b>	<i>larghezza pelo libero alveo attivo</i>	[m]
<b>bt</b>	<i>larghezza pelo libero totale</i>	[m]
<b>B</b>	<i>perimetro bagnato</i>	[m]
<b>Pb</b>	<i>profondità del baricentro</i>	[m]
<b>A</b>	<i>area della sezione alveo attivo</i>	[dmq]
<b>At</b>	<i>area della sezione totale</i>	[dmq]
<b>R</b>	<i>raggio idraulico</i>	[m]
<b>C2</b>	<i>quadrato del coefficiente adimensionale di Chezy</i>	
<b>β</b>	<i>coefficiente di ragguglio della quantità di moto</i>	
<b>α</b>	<i>coefficiente di ragguglio del carico cinetico</i>	