

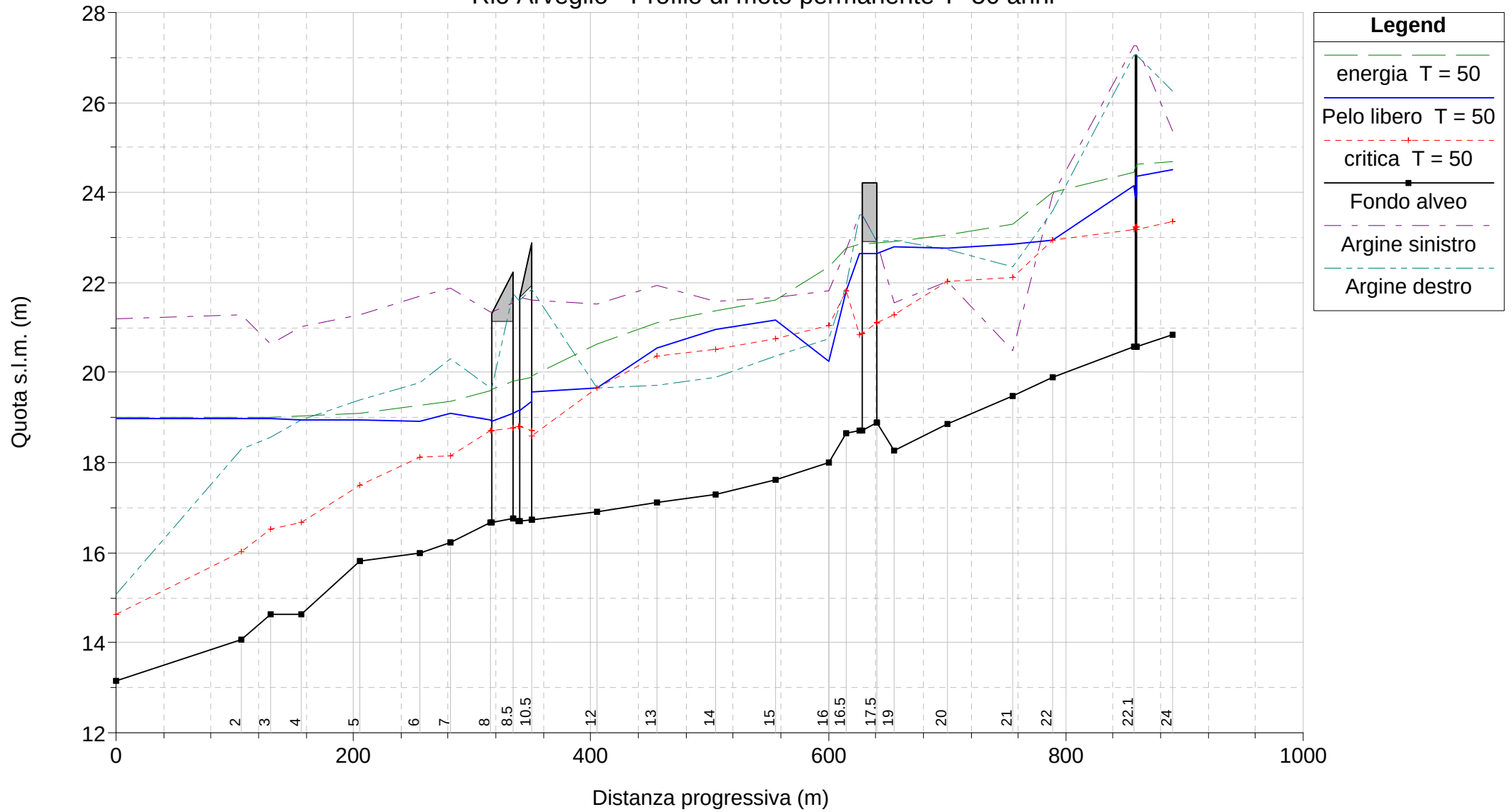


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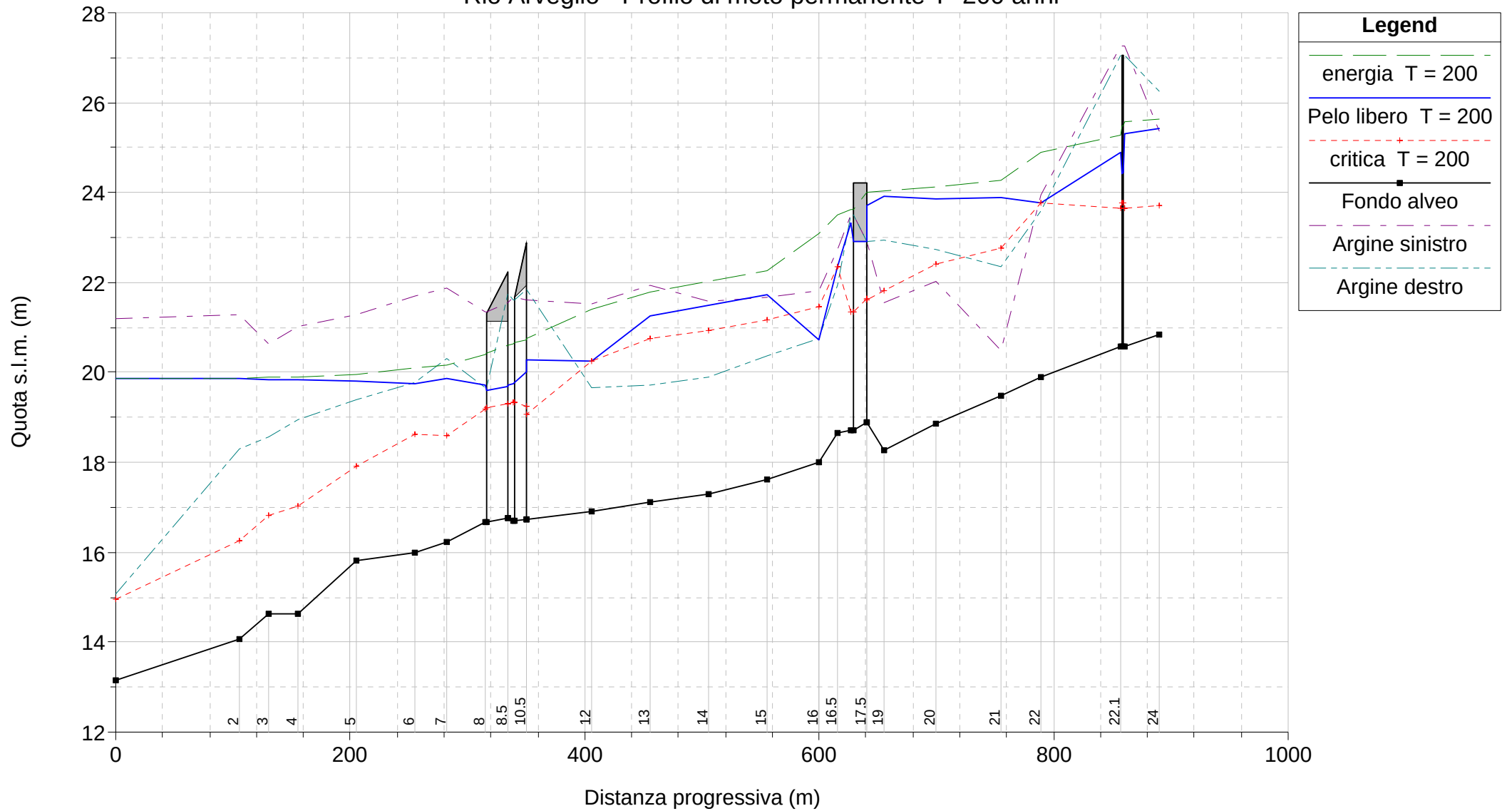
12. RIO ARVEGLIO

**12.1 PROFILI DI RIGURGITO IN CONDIZIONI DI MOTO
PERMANENTE PER LE PORTATE T=50, 200, 500 ANNI**

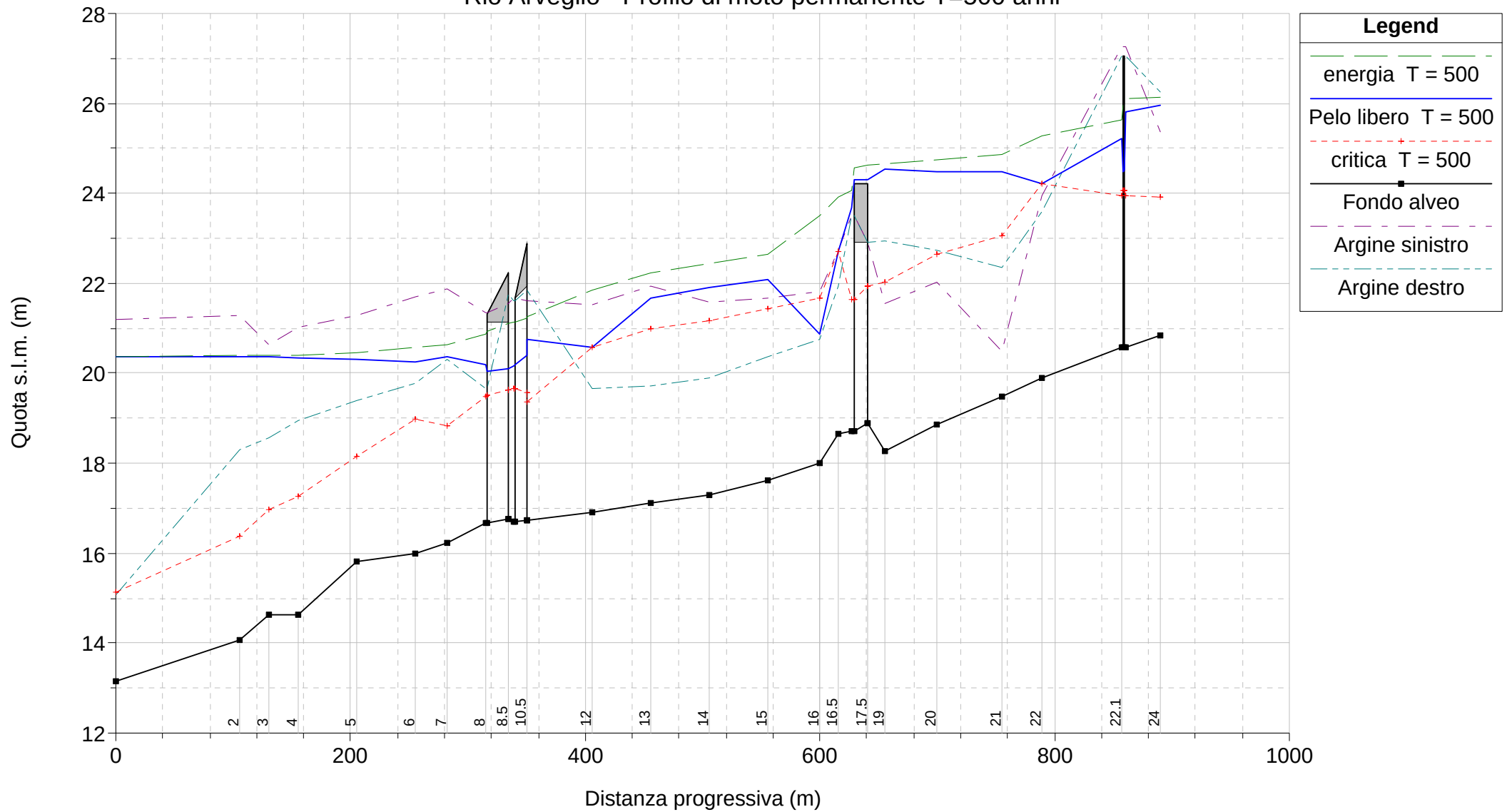
Rio Arveglio - Profilo di moto permanente T=50 anni



Rio Arveglio - Profilo di moto permanente T=200 anni



Rio Arveglio - Profilo di moto permanente T=500 anni





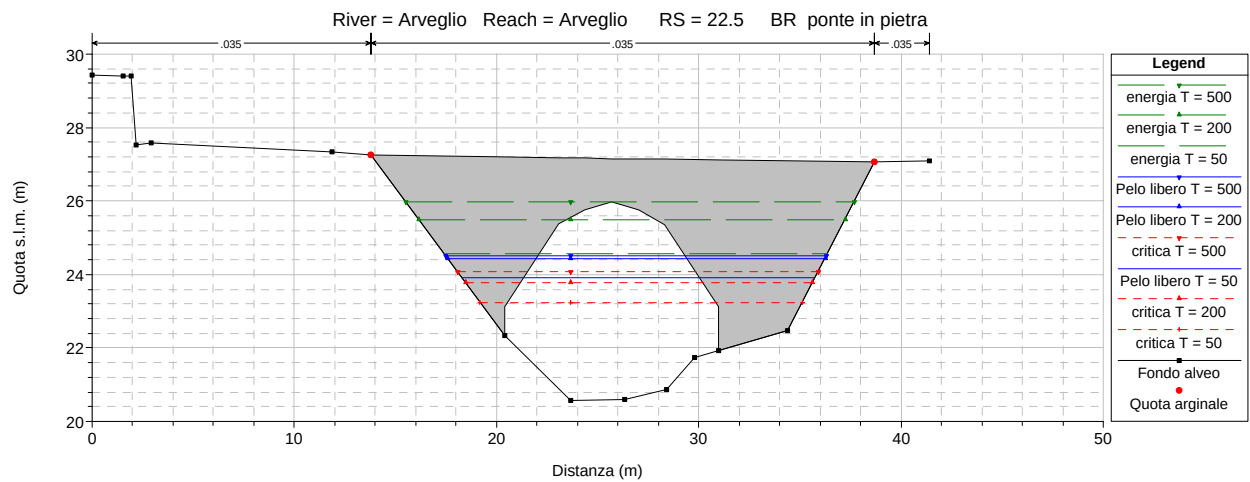
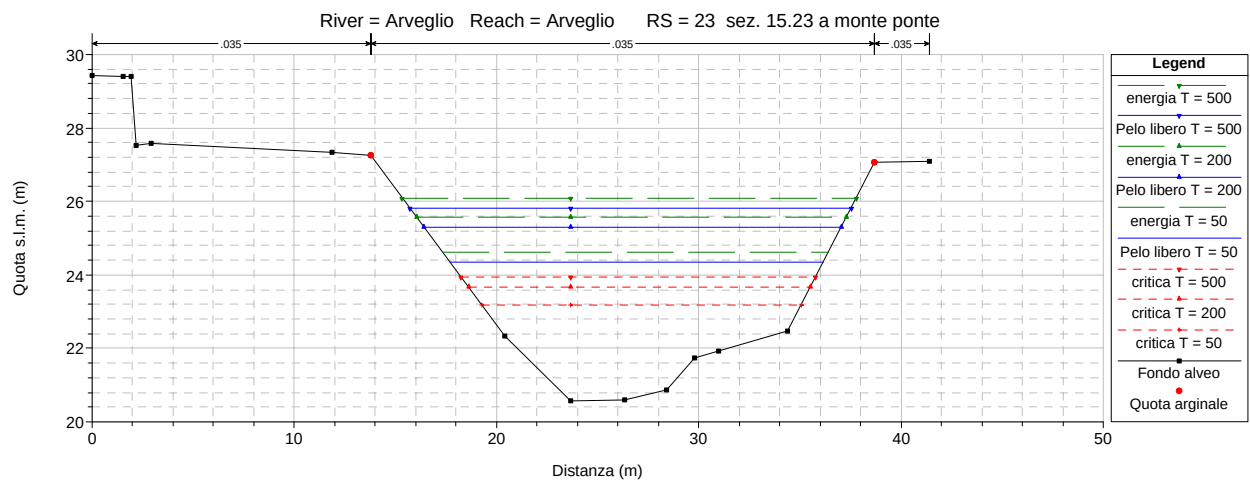
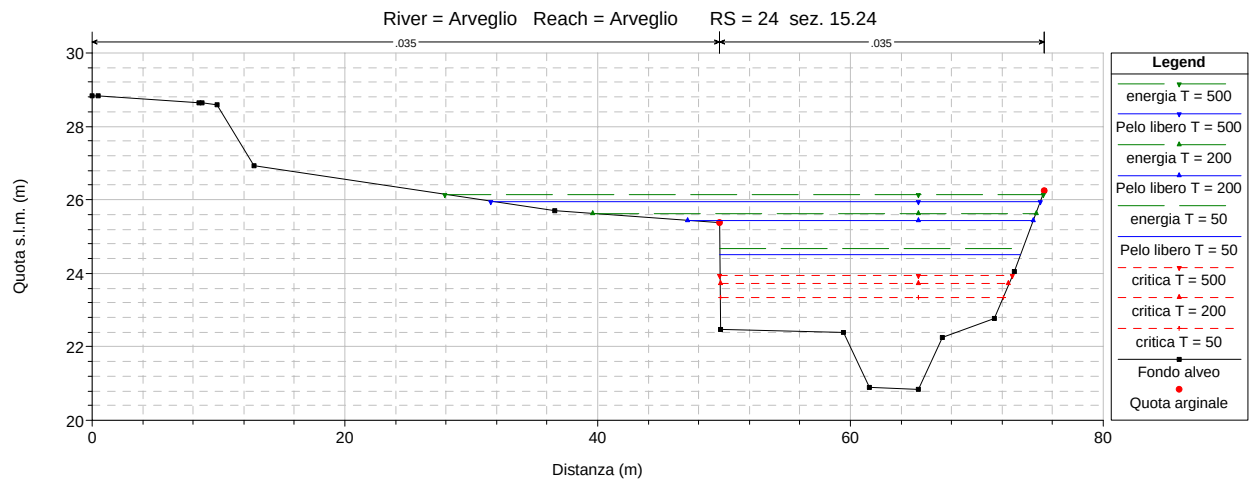
PROVINCIA DI SAVONA
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12 RIO ARVEGLIO

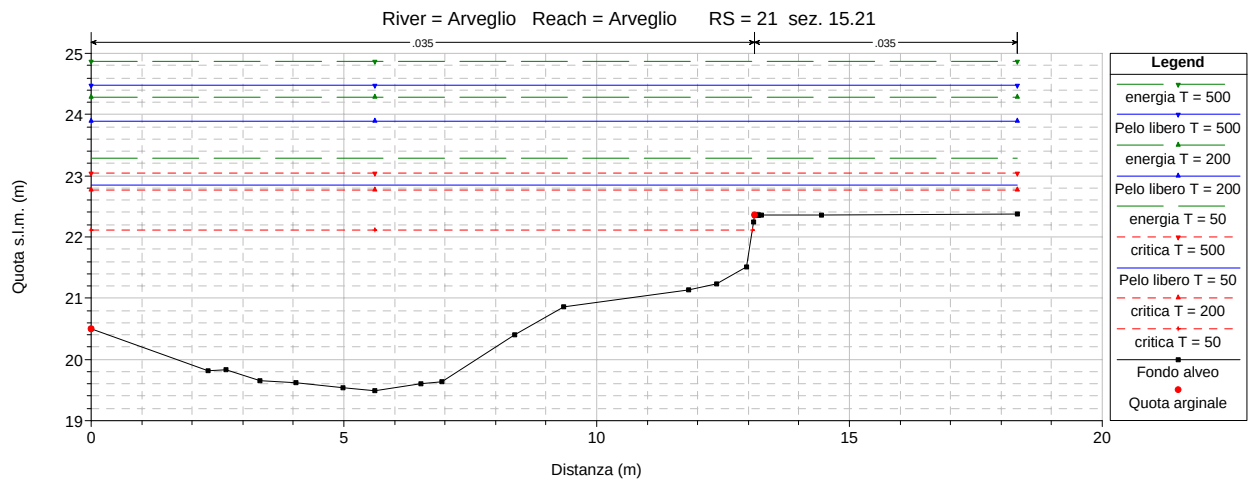
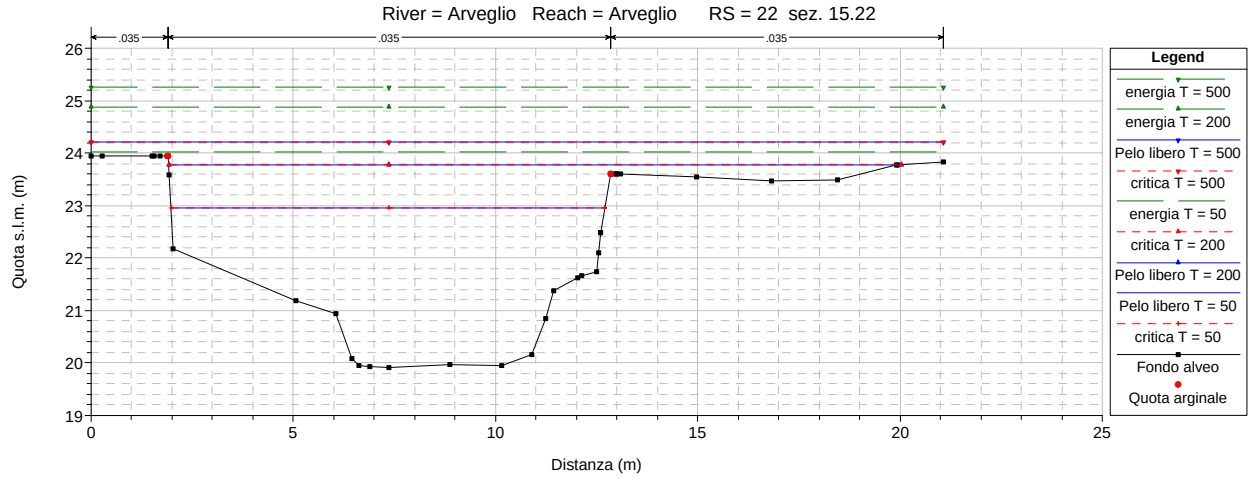
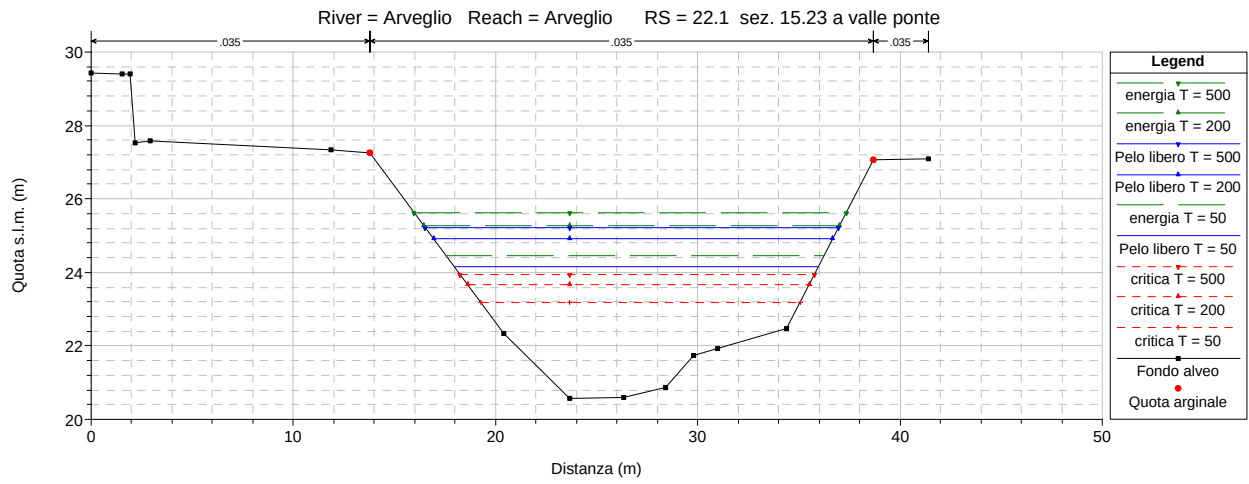
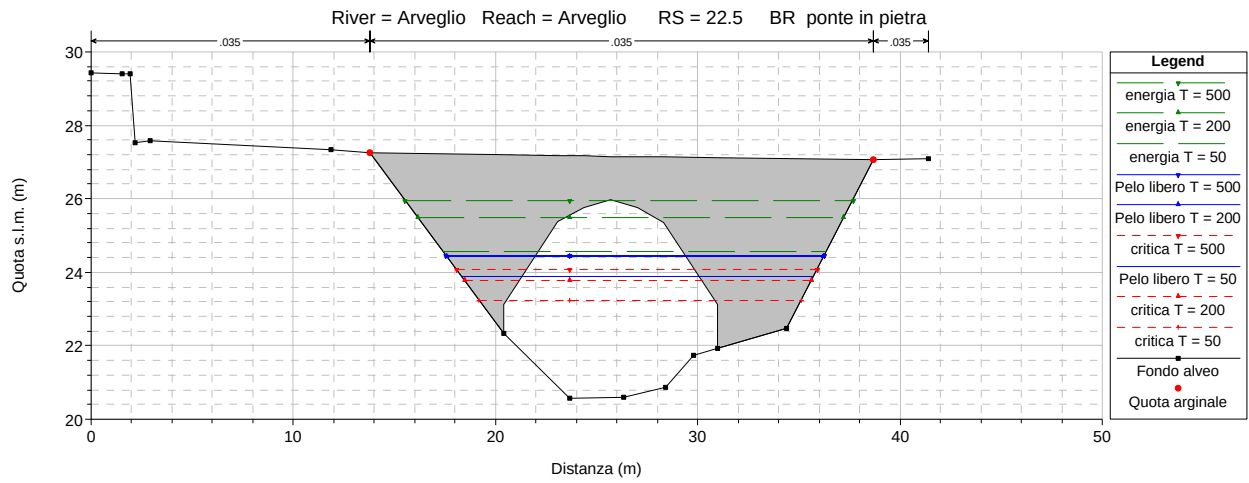
- 12.2 GEOMETRIA DELLE SEZIONI ED ALTEZZA DEL PELO LIBERO IN CONDIZIONI DI MOTO PERMANENTE PER LE PORTATE T=50, 200, 500 ANNI.

RIO ARVEGLIO

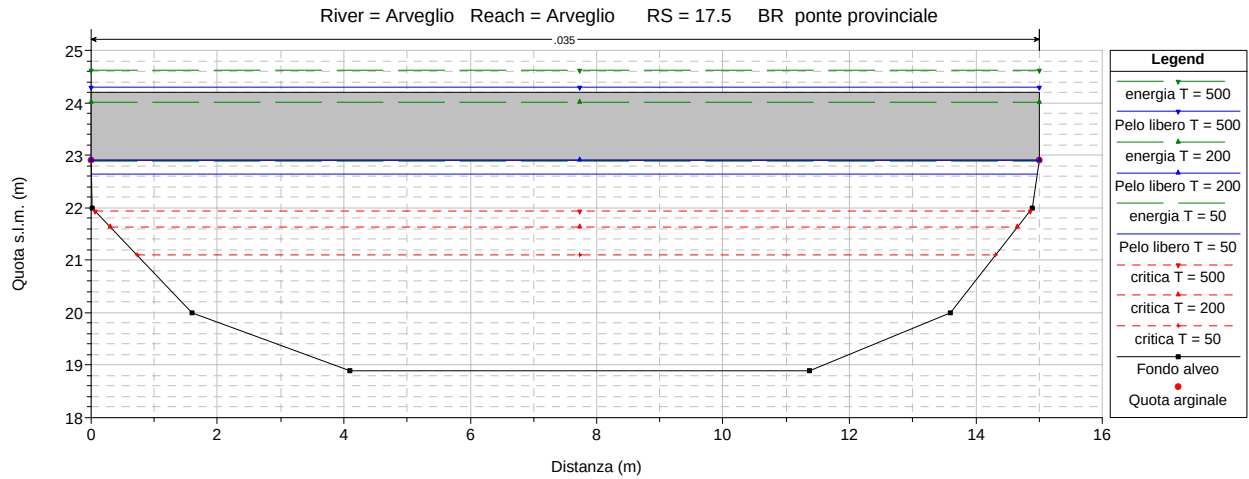
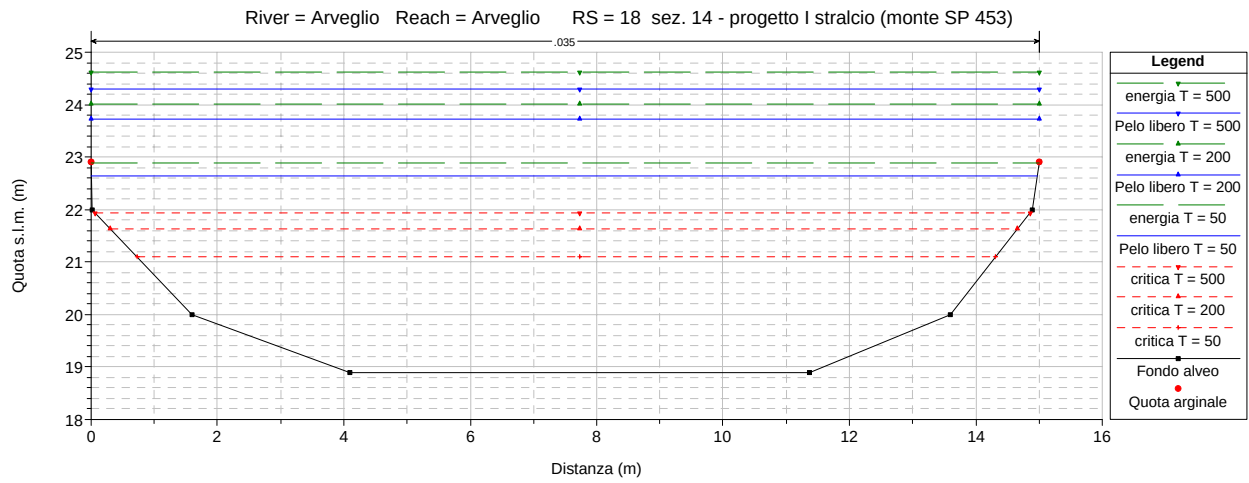
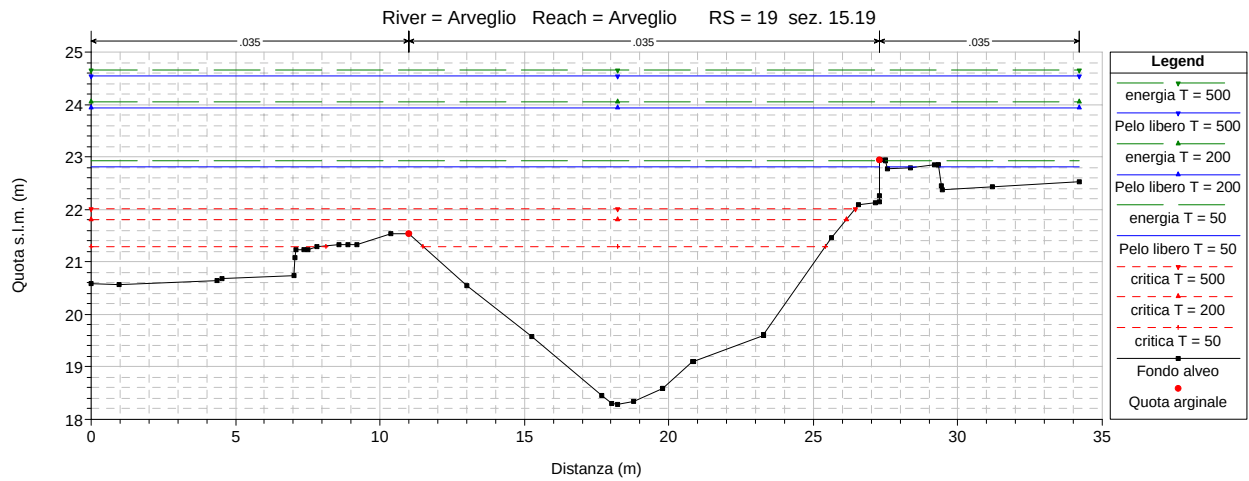
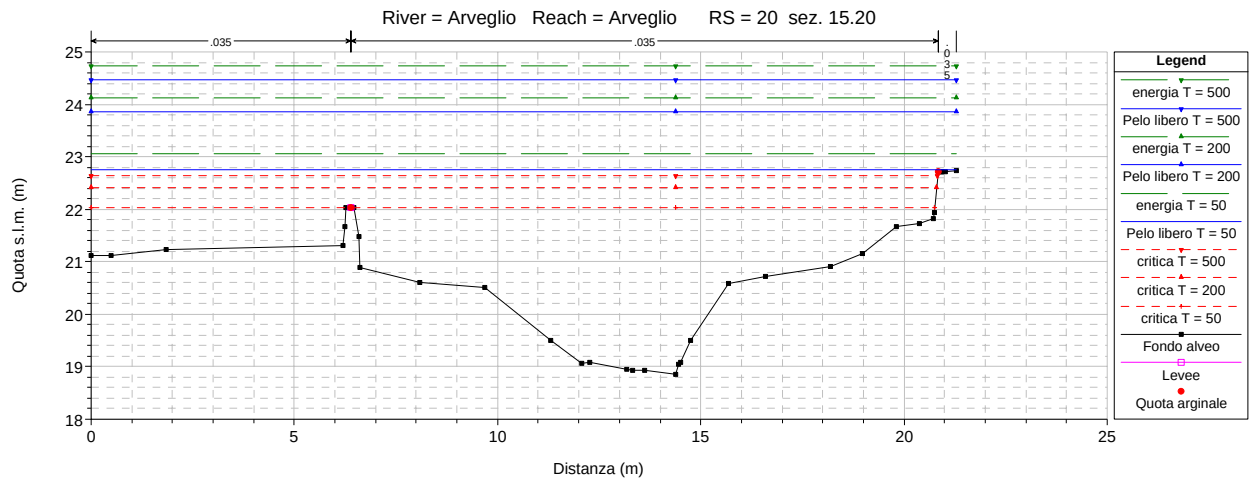
Sezioni trasversali



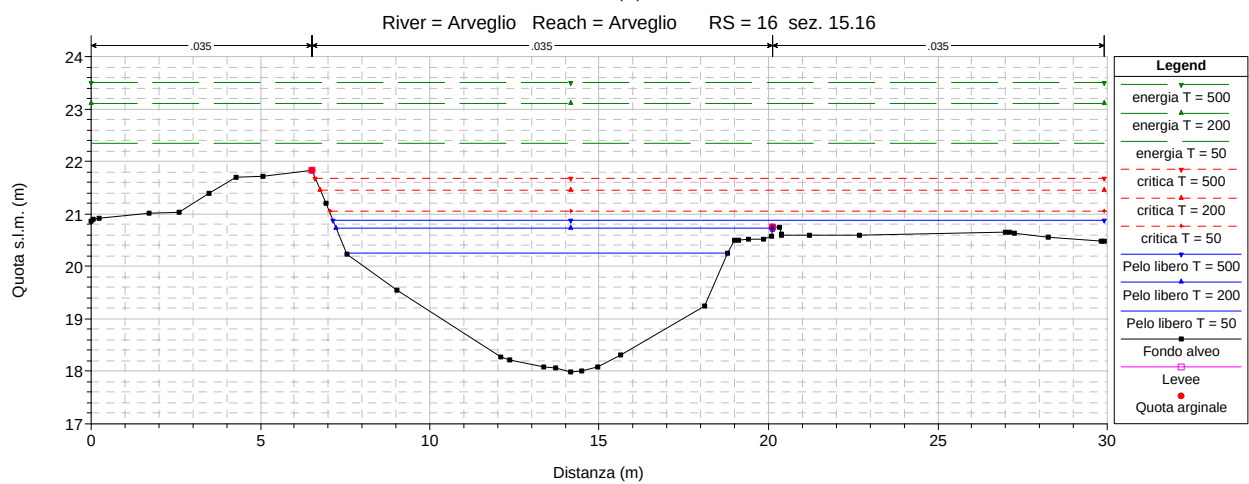
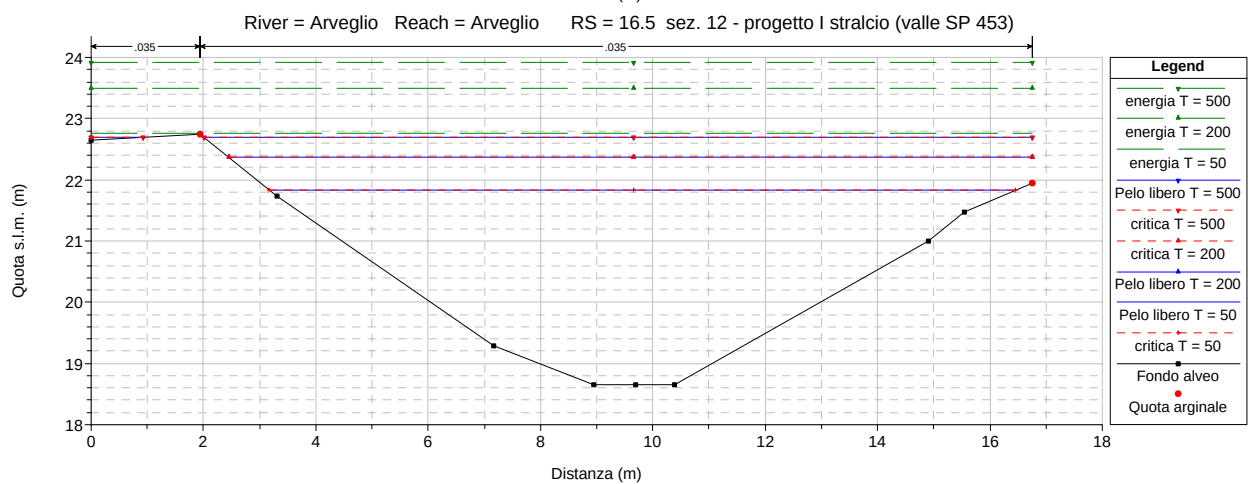
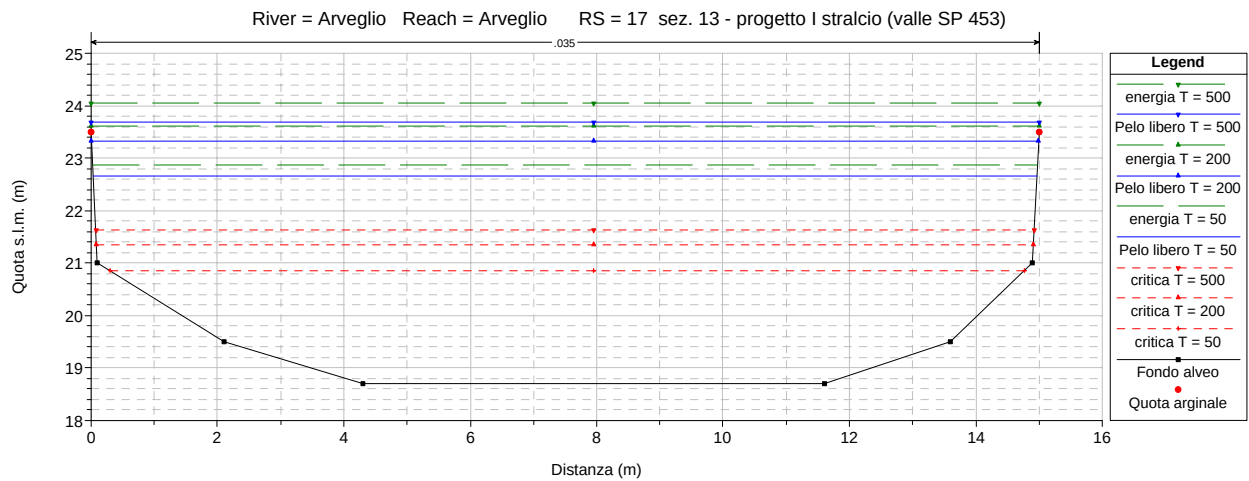
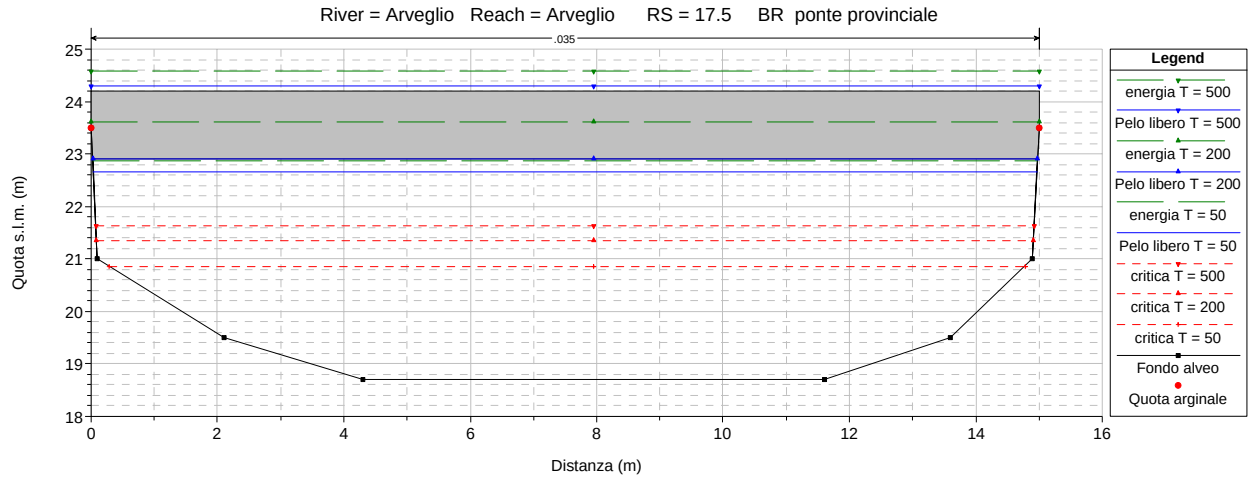
Rio Arveglio – verifica idraulica – sezioni trasversali



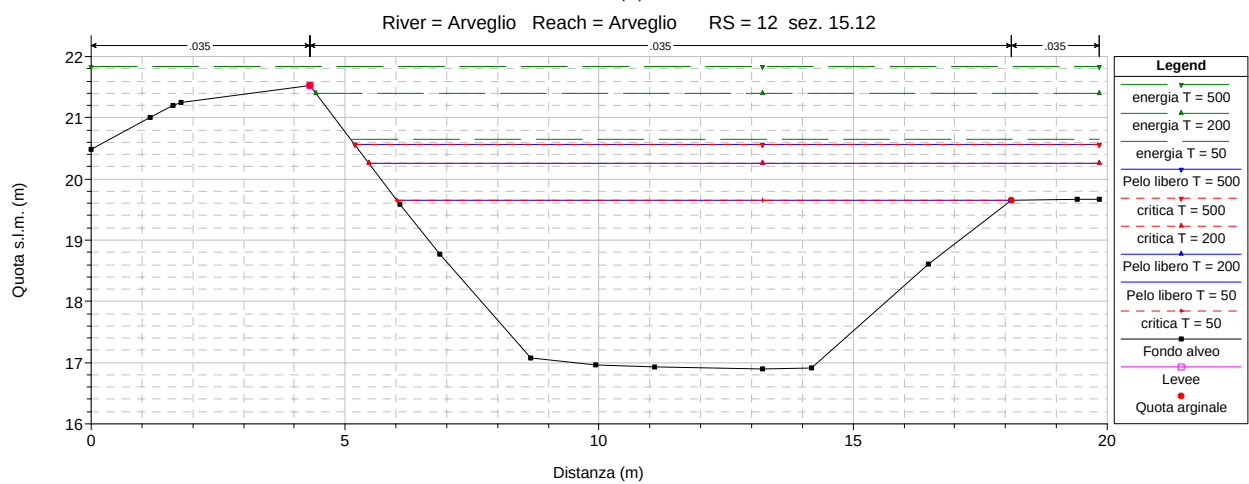
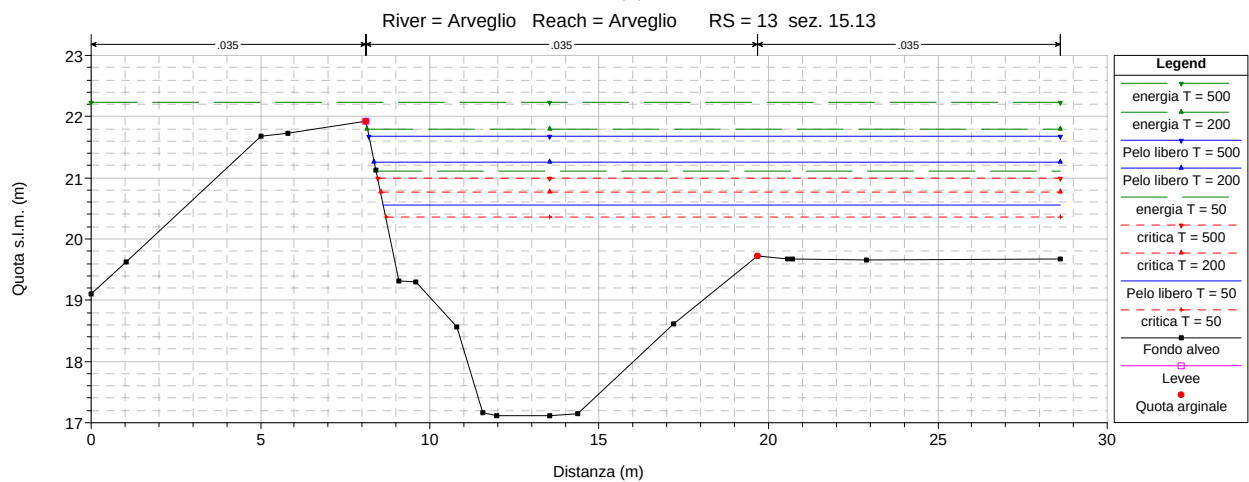
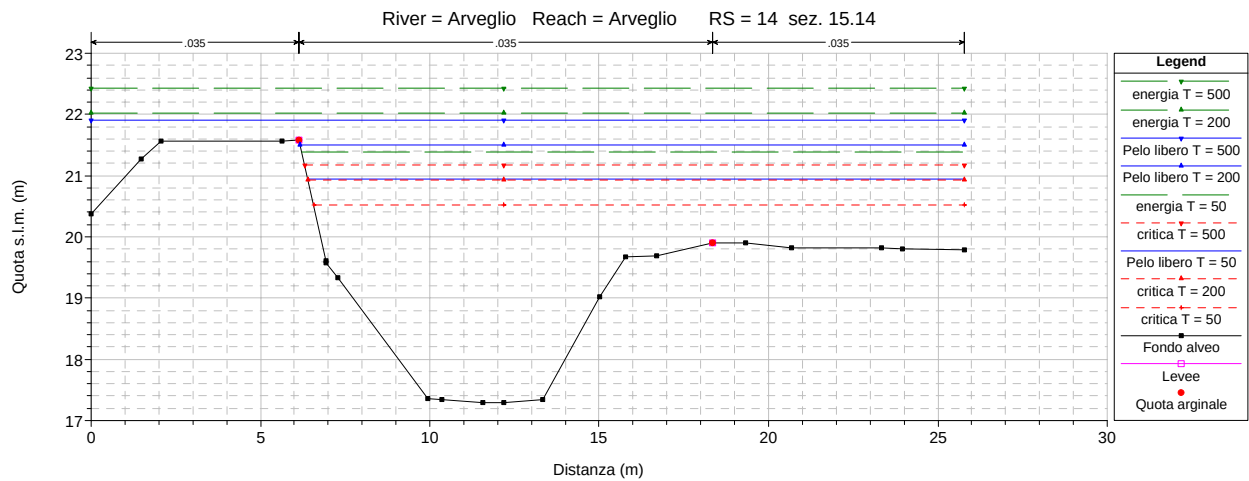
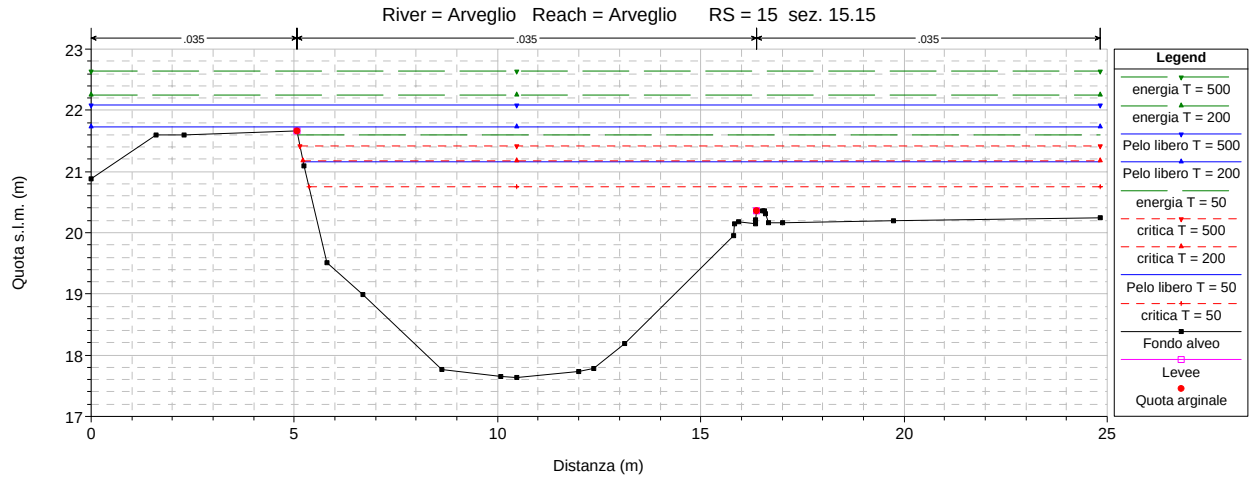
Rio Arveglio – verifica idraulica – sezioni trasversali



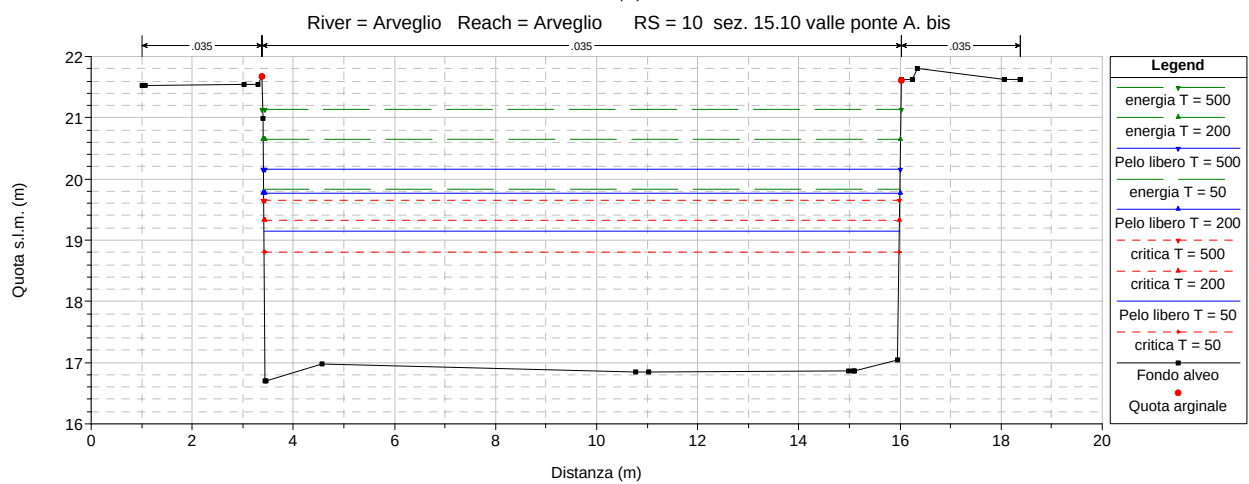
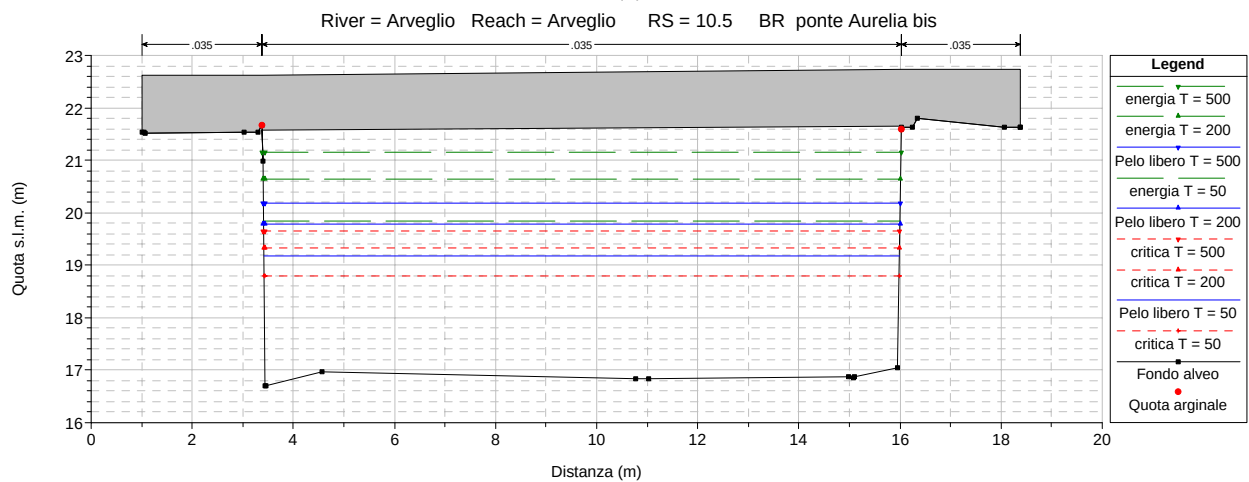
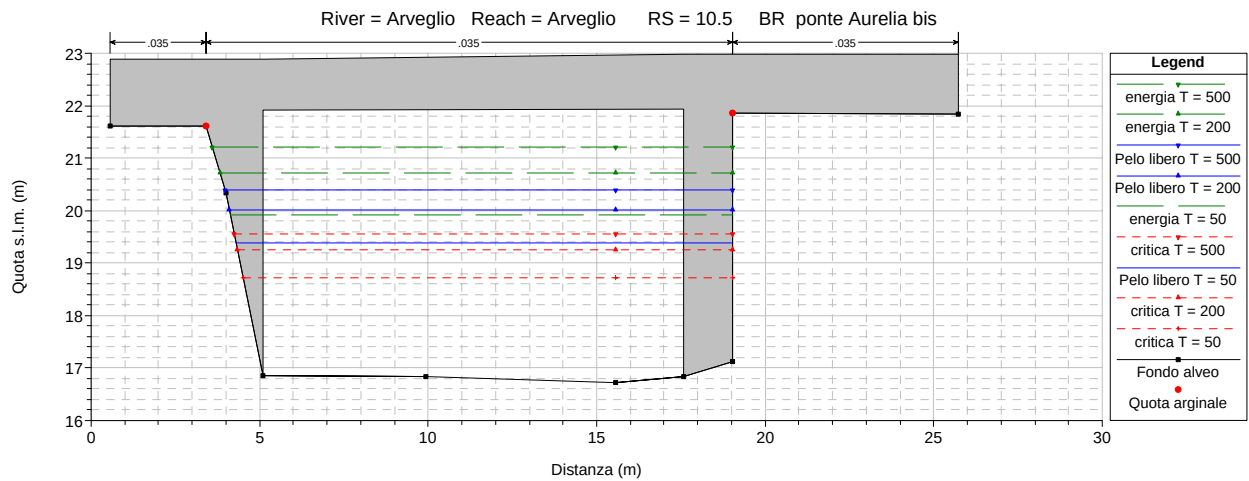
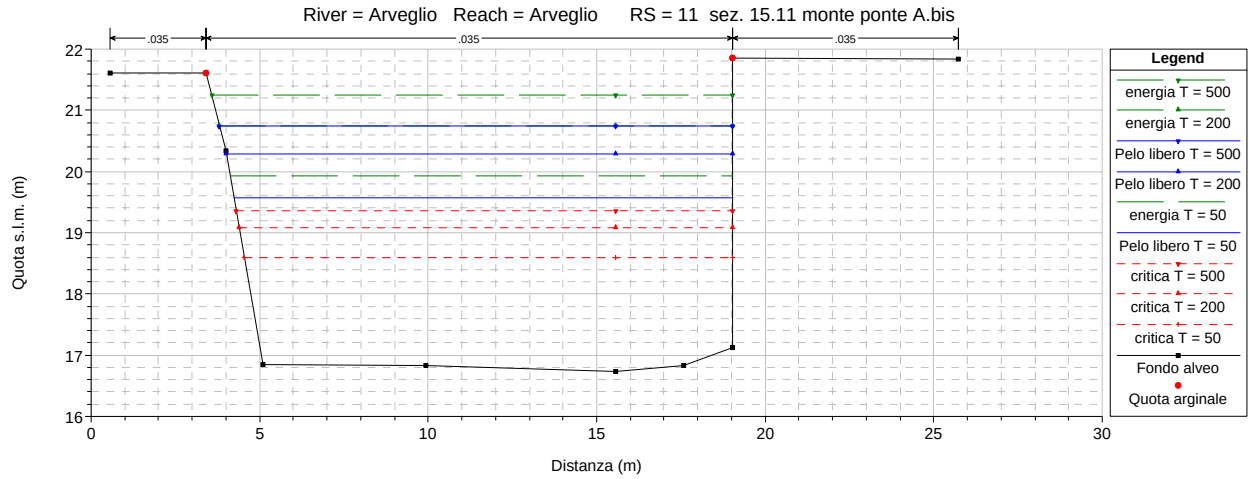
Rio Arveglio – verifica idraulica – sezioni trasversali



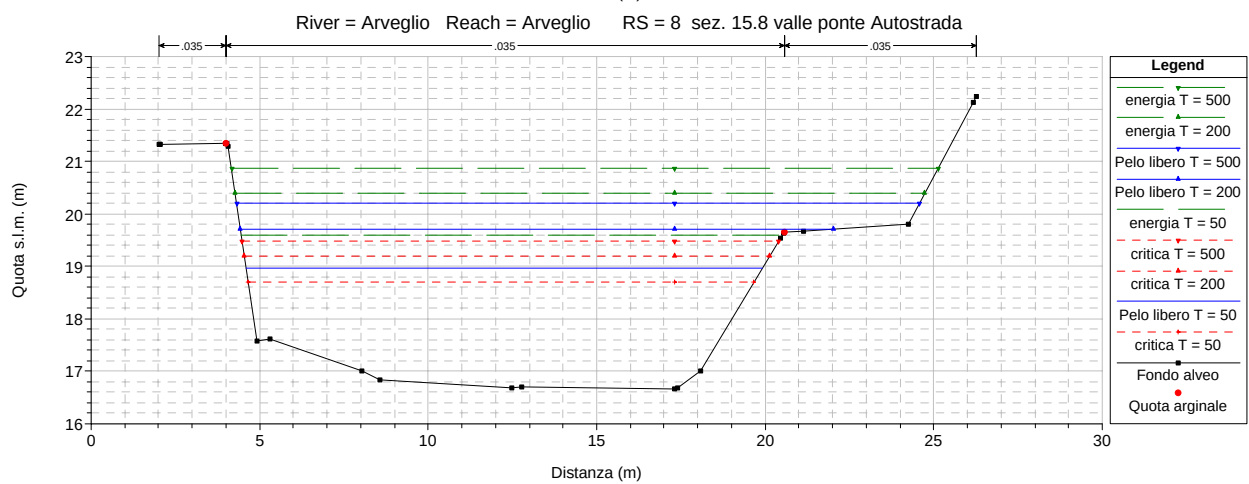
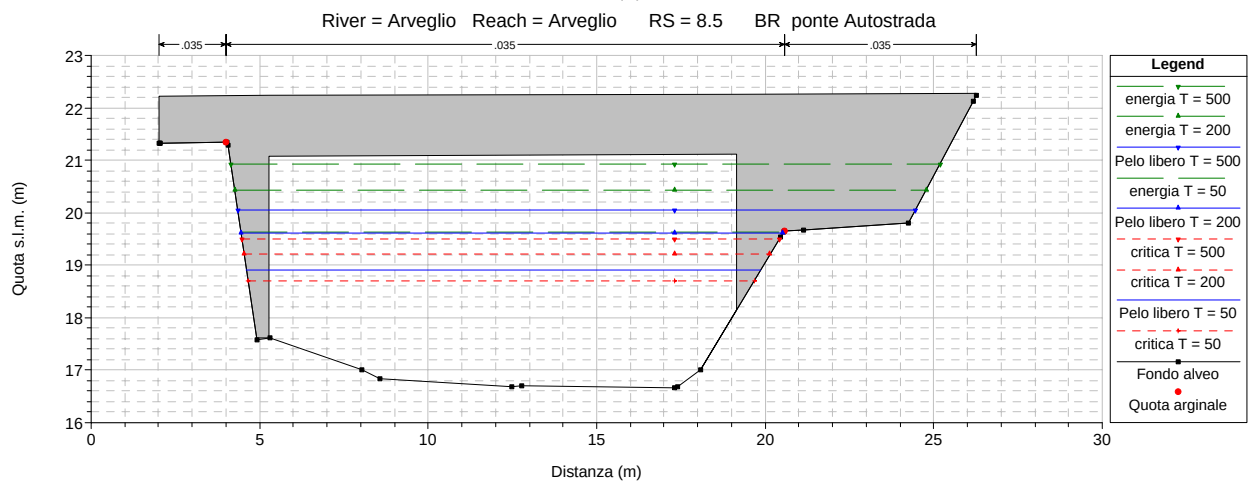
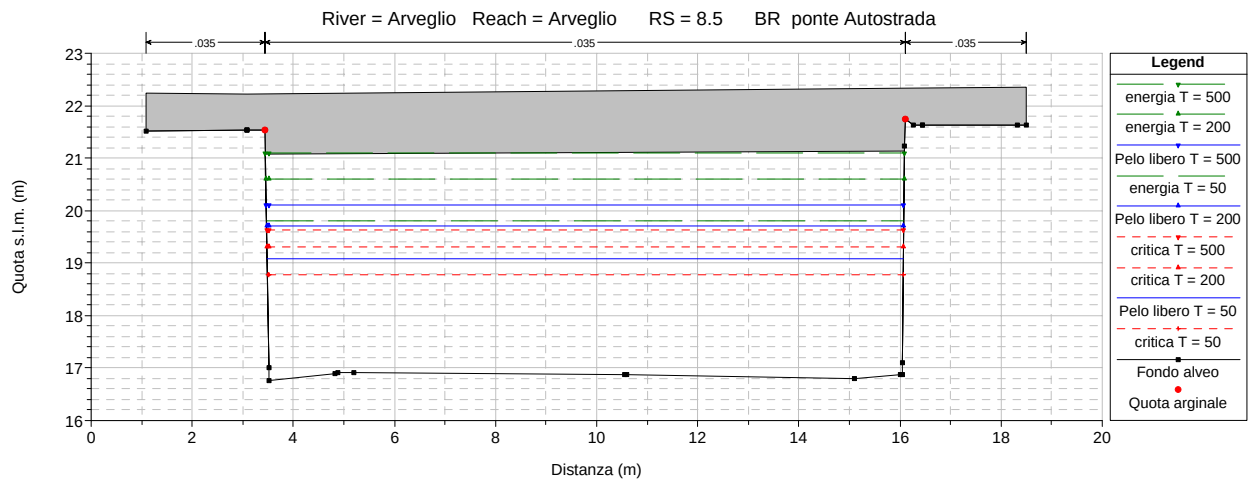
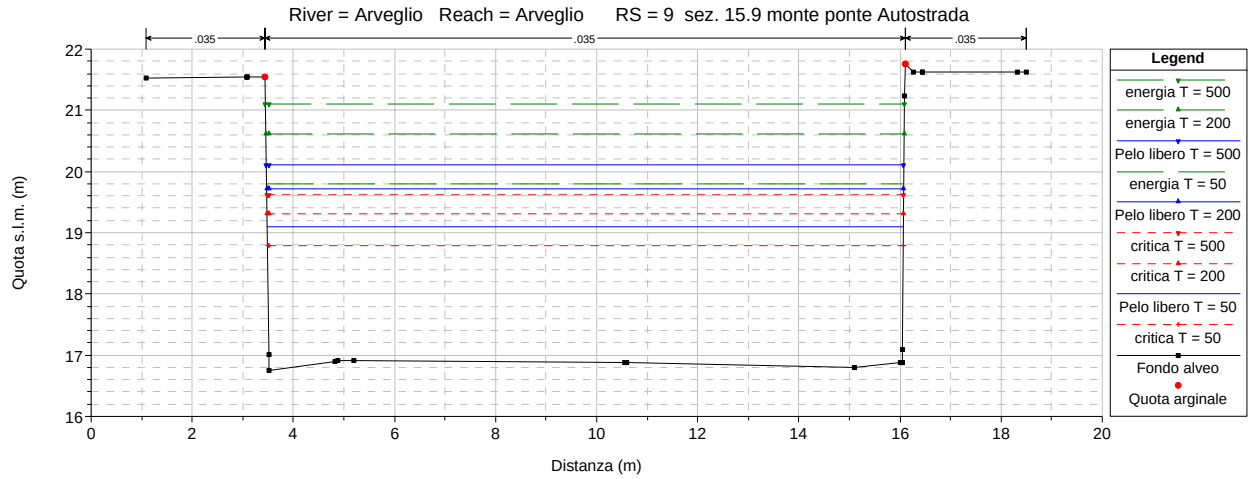
Rio Arveglio – verifica idraulica – sezioni trasversali



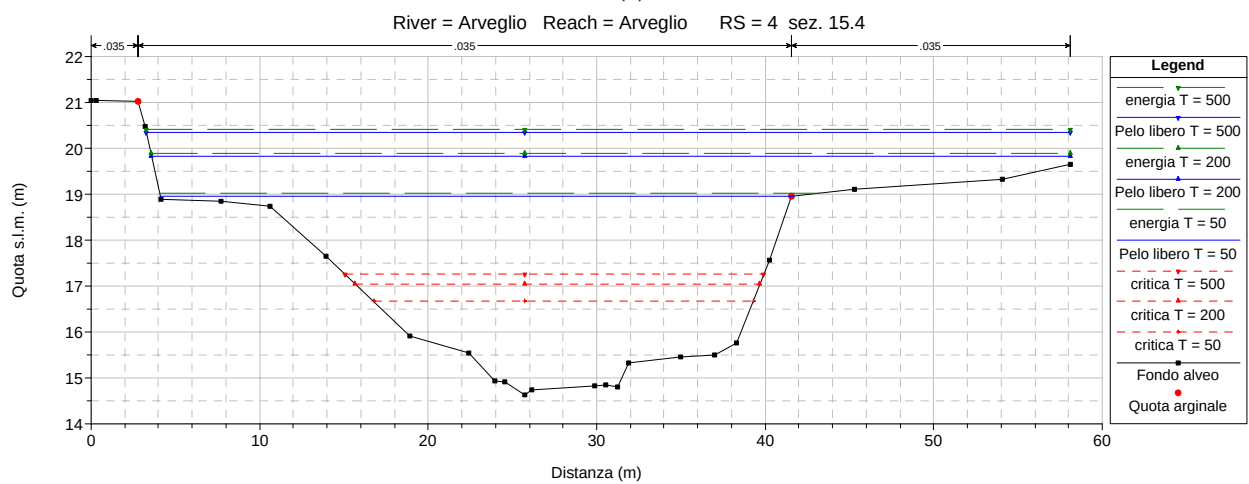
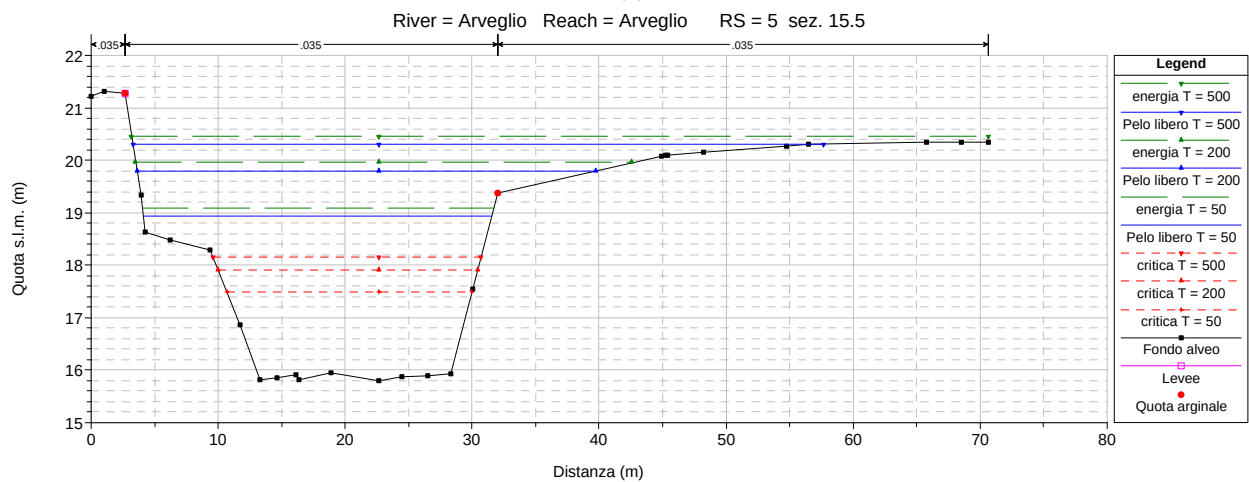
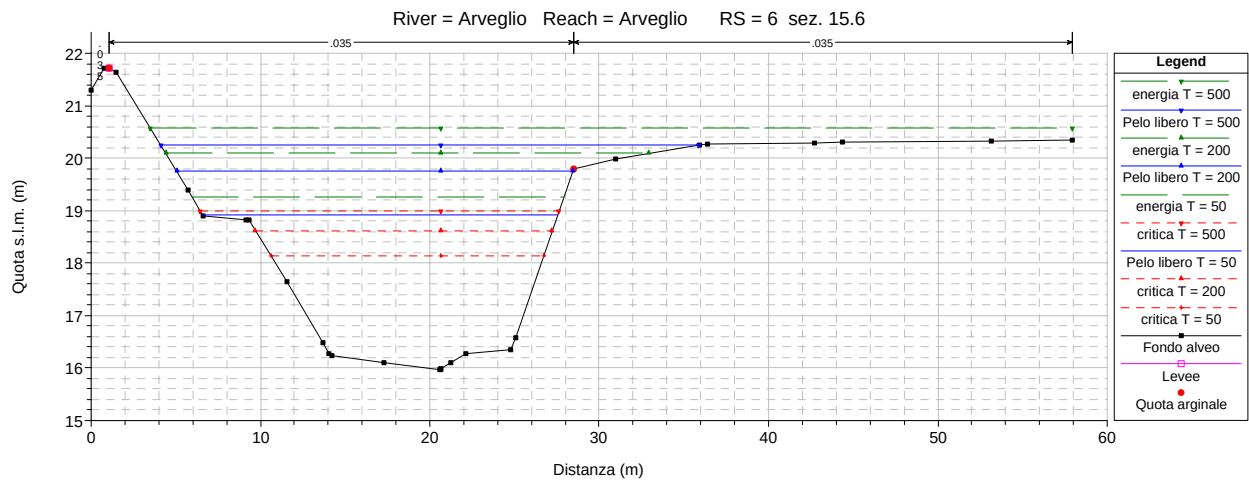
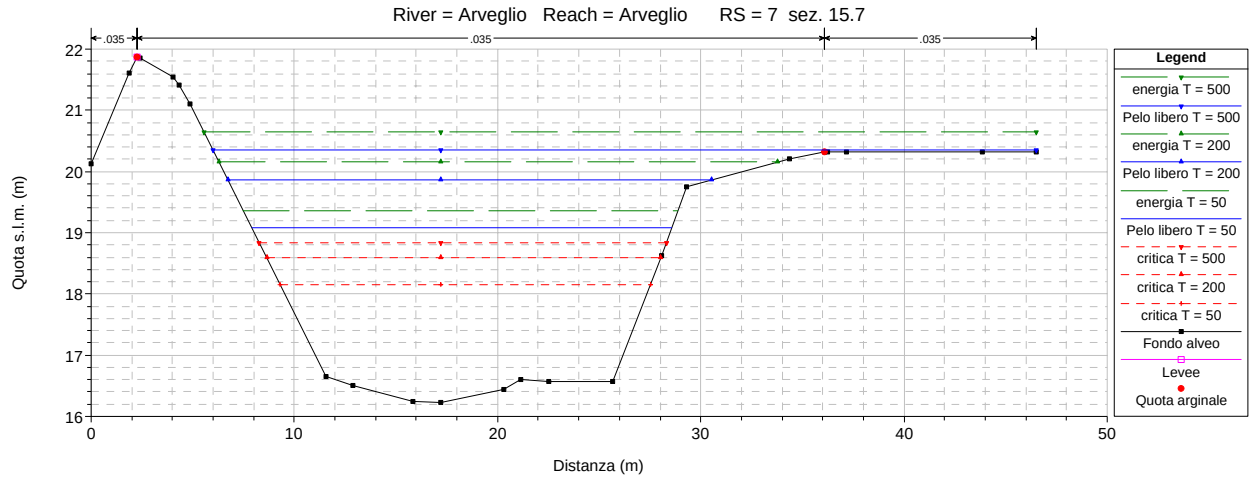
Rio Arveglio – verifica idraulica – sezioni trasversali



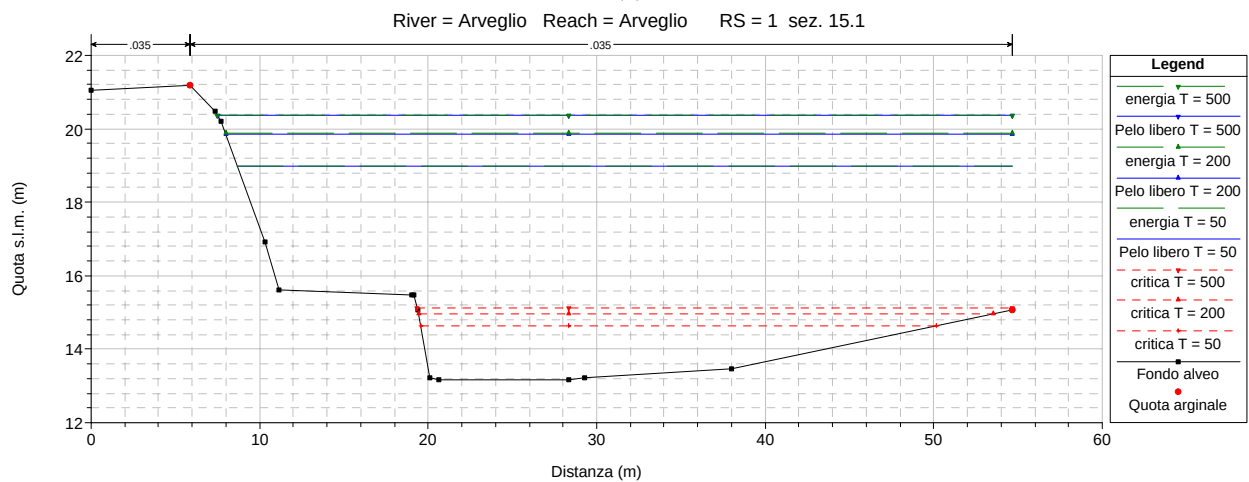
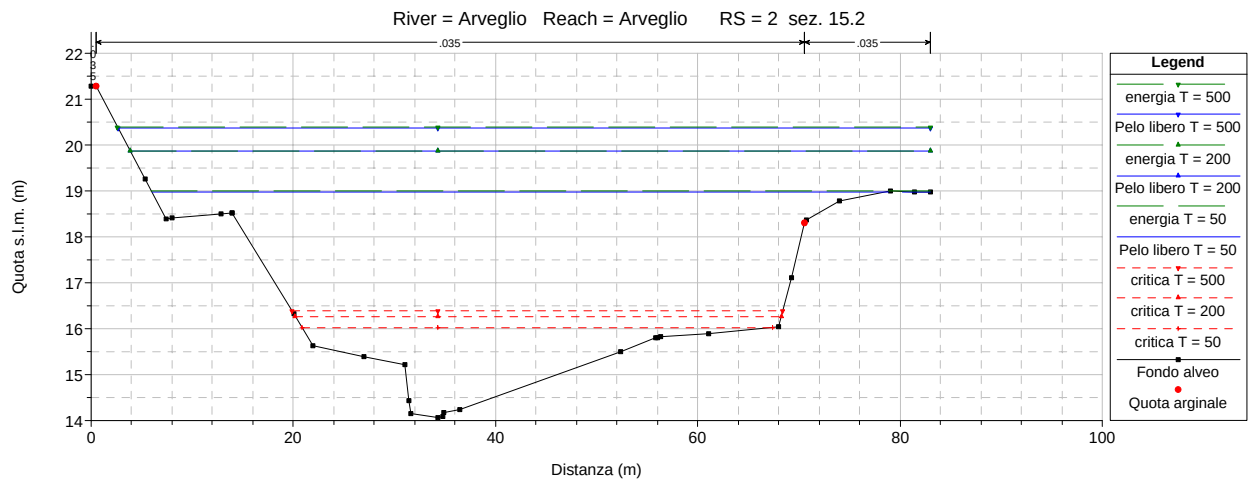
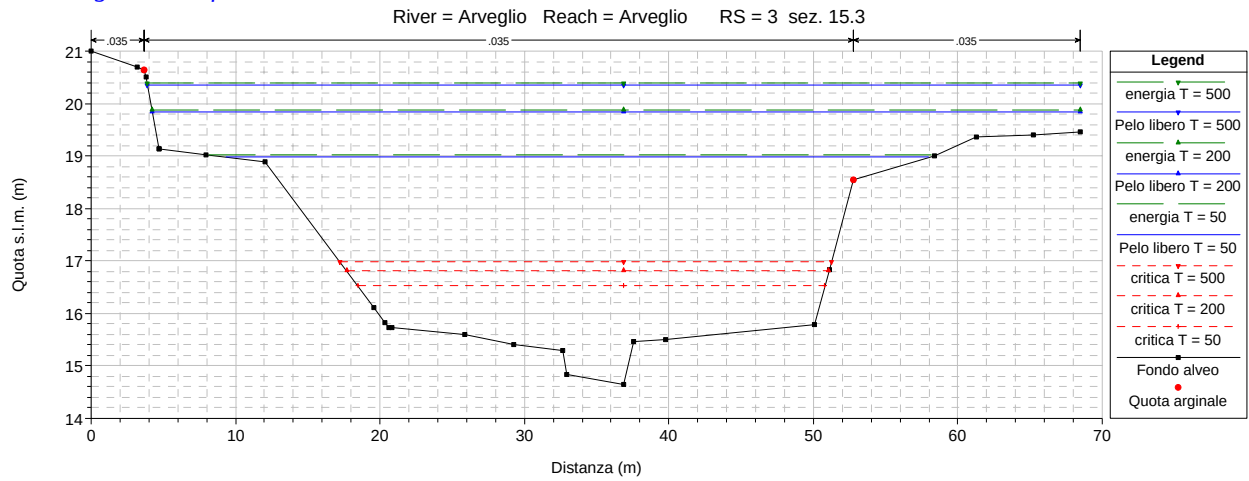
Rio Arveglio – verifica idraulica – sezioni trasversali

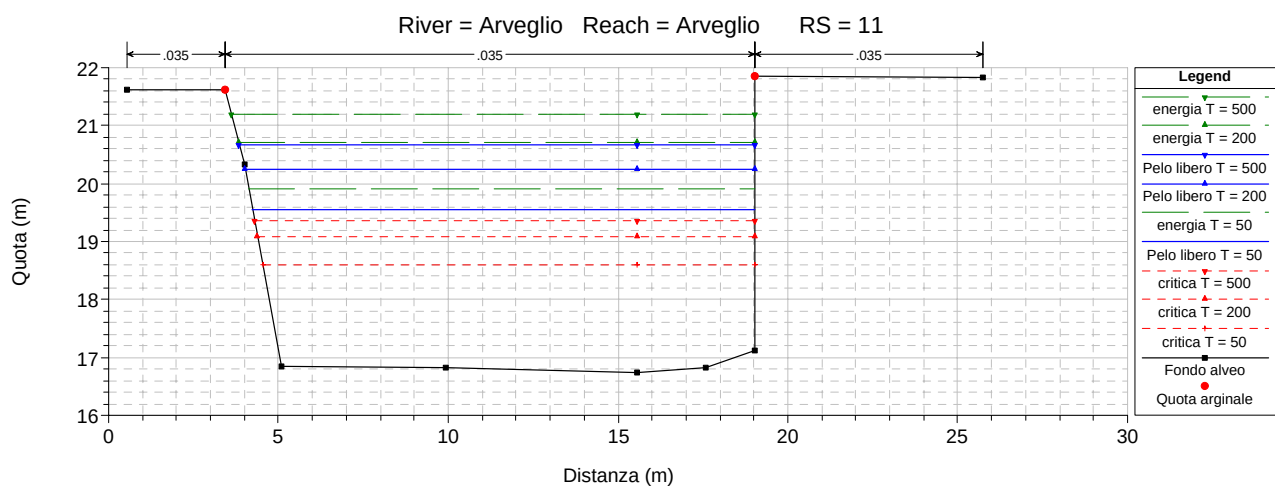
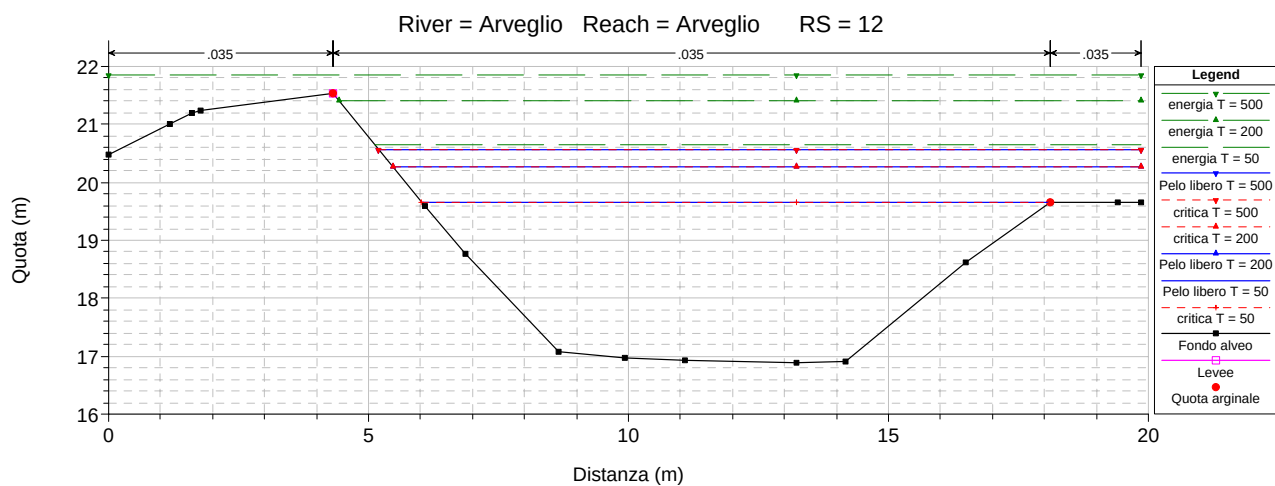
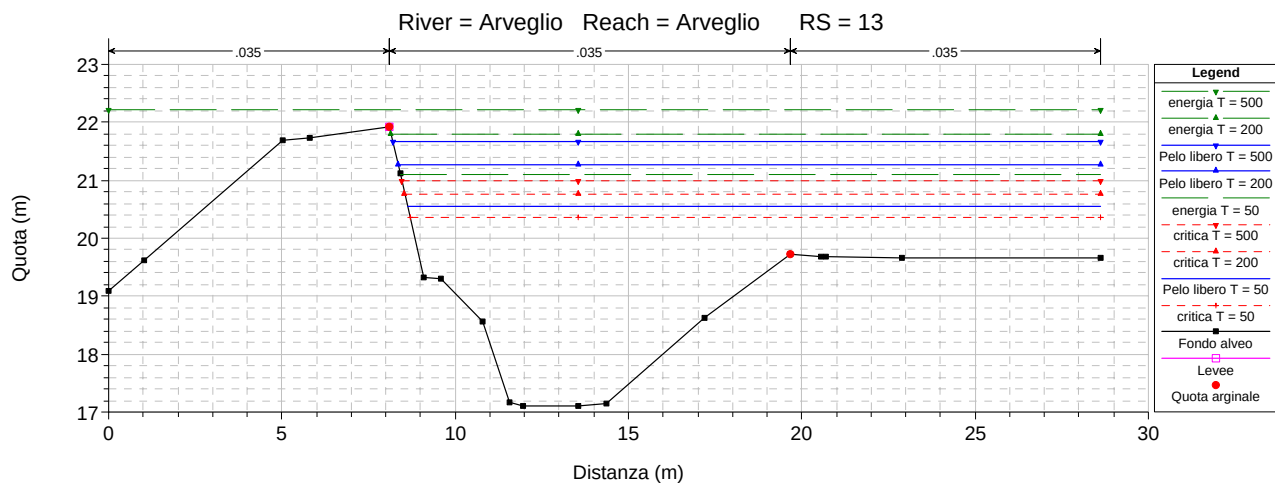


Rio Arveglio – verifica idraulica – sezioni trasversali

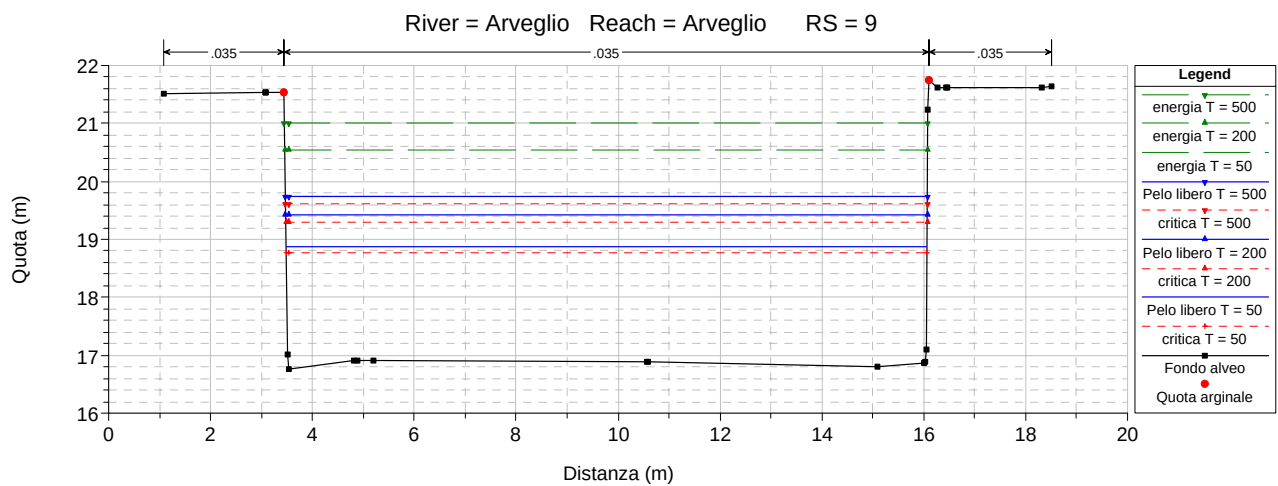
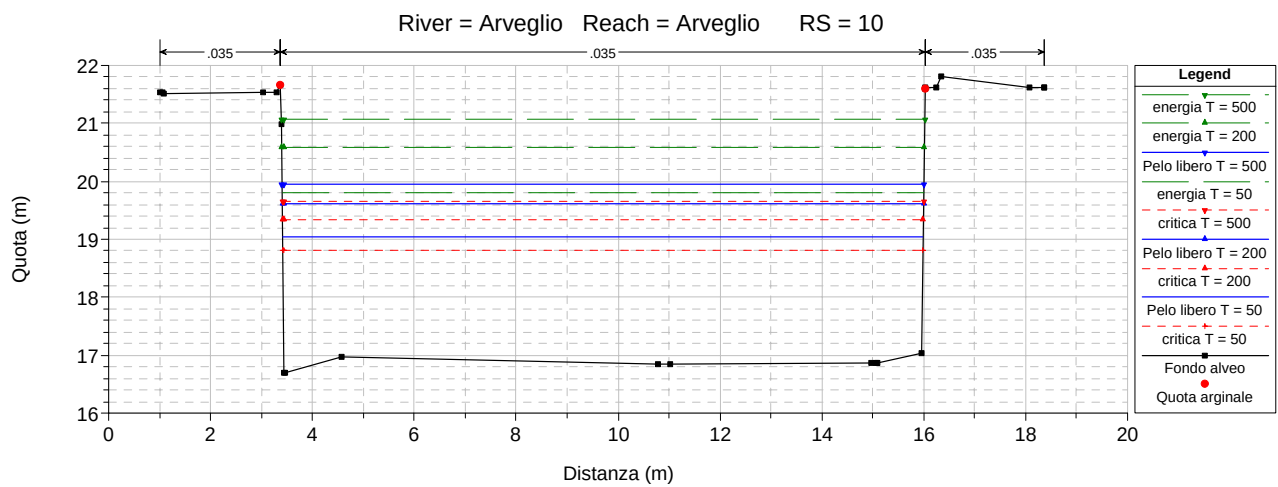
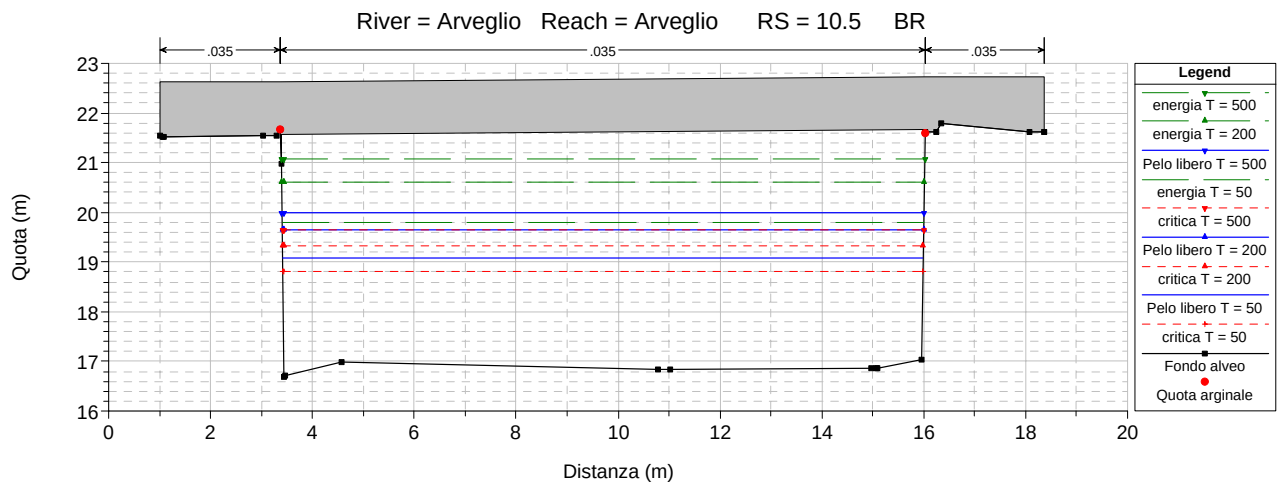
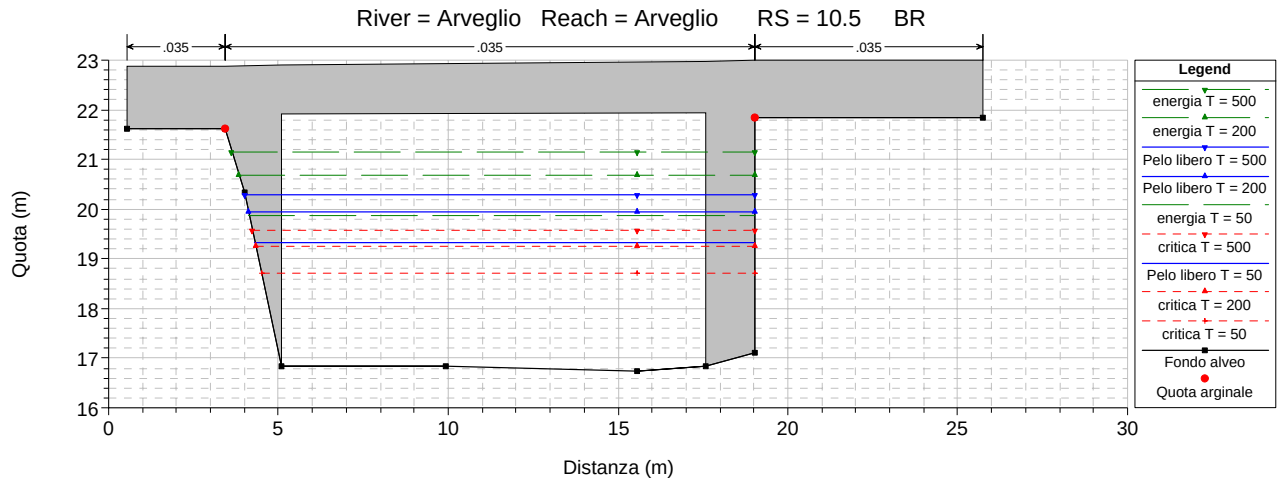


Rio Arveglio – verifica idraulica – sezioni trasversali

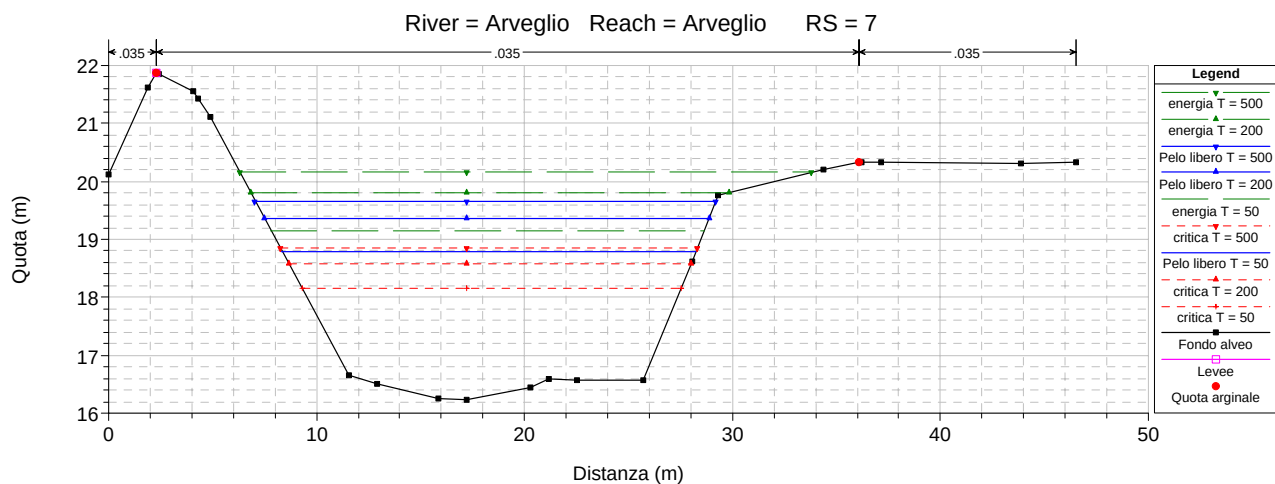
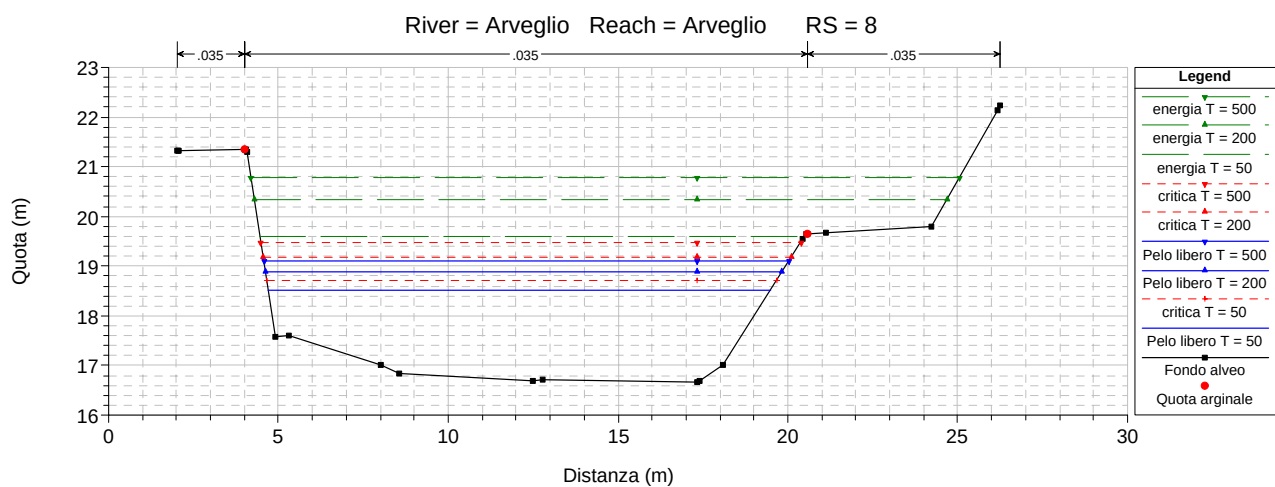
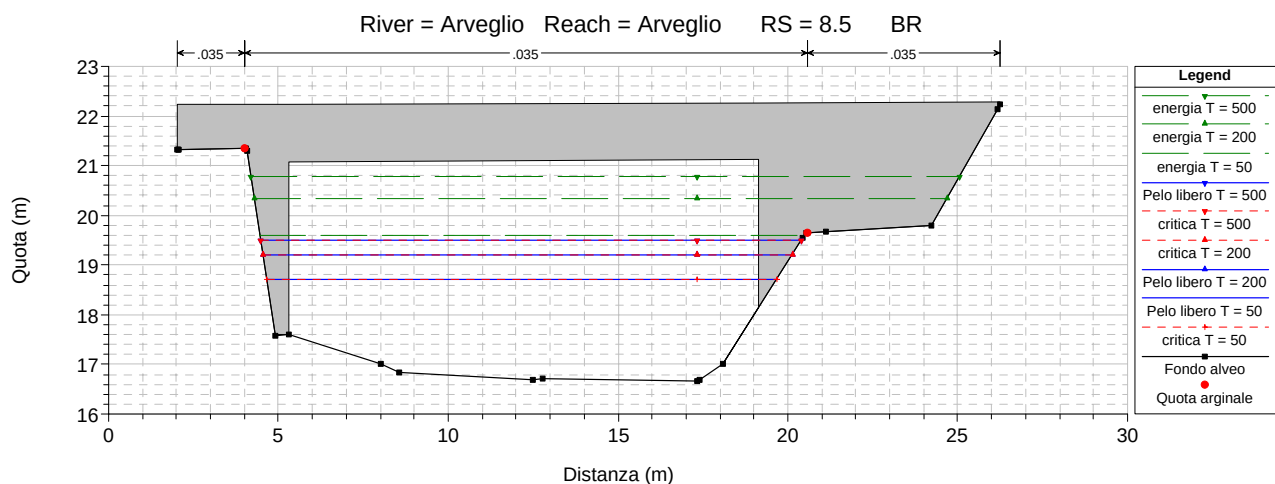
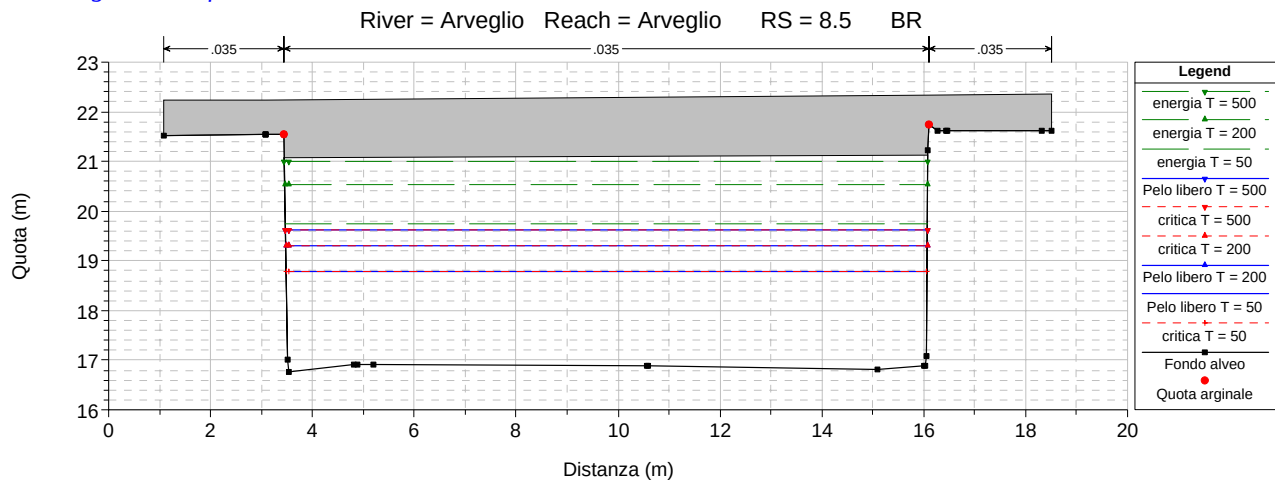




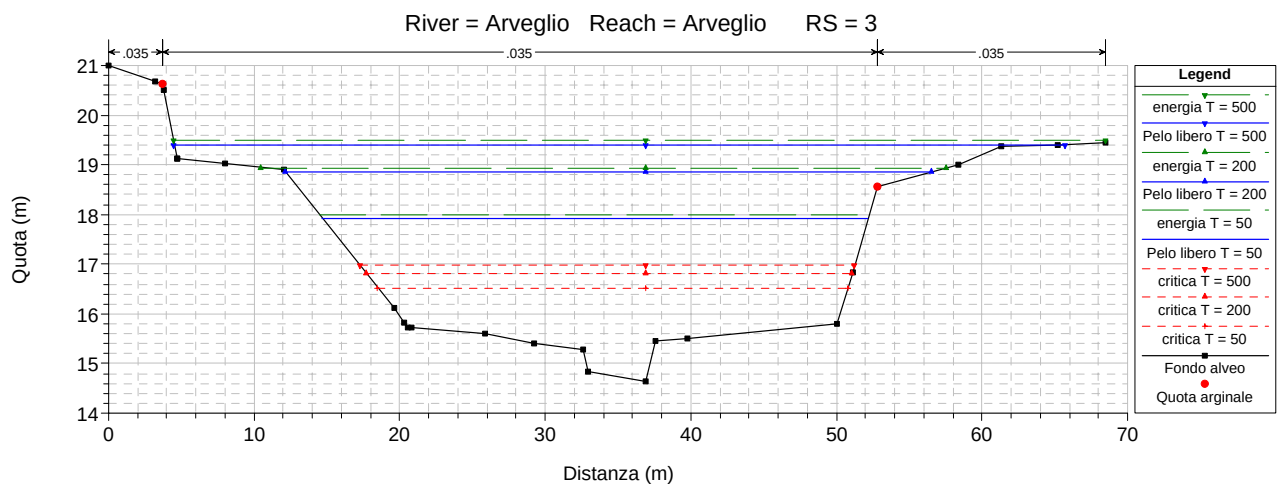
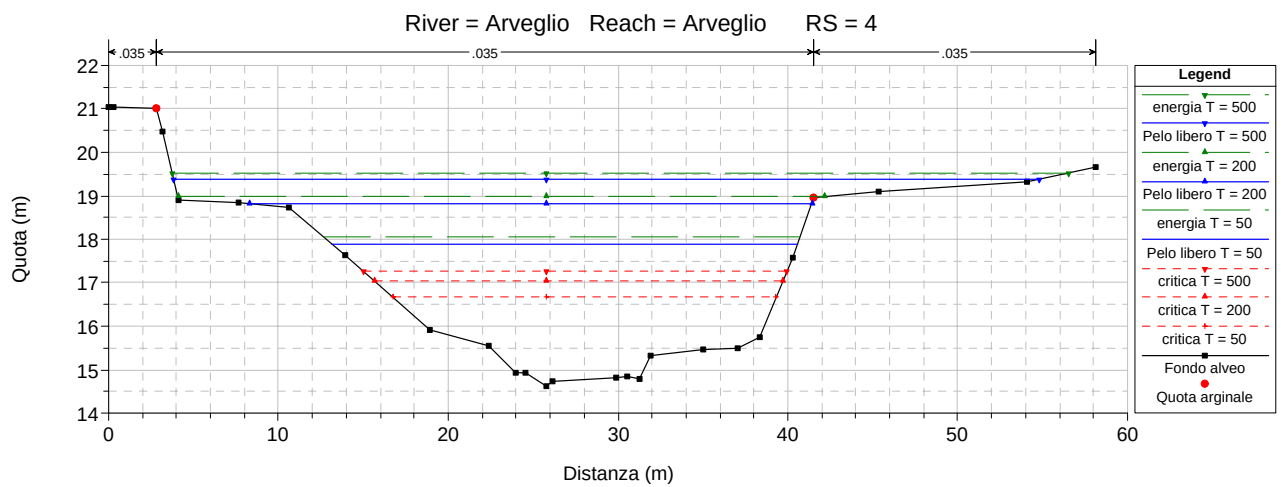
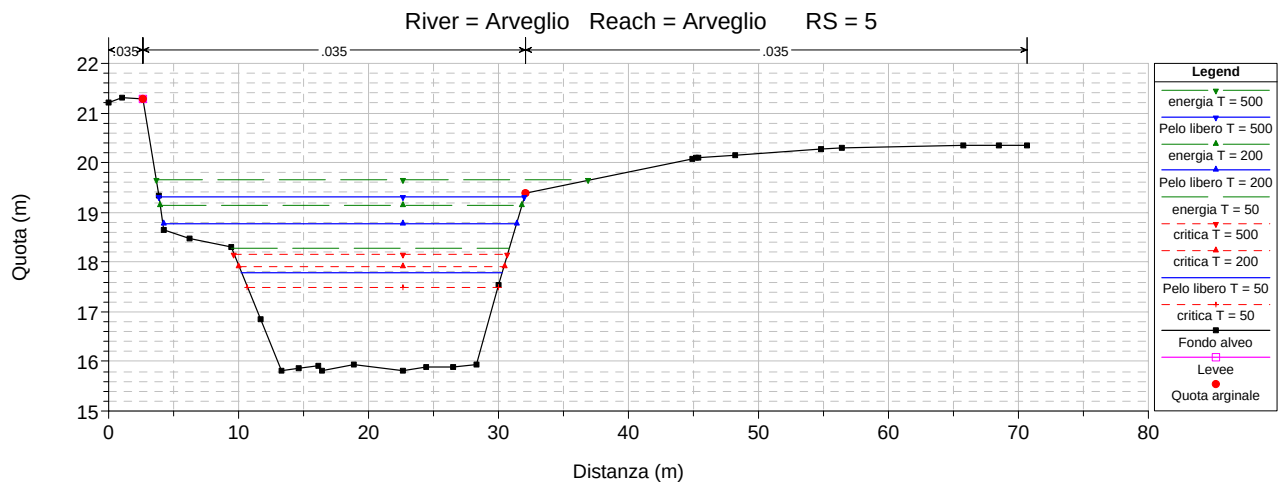
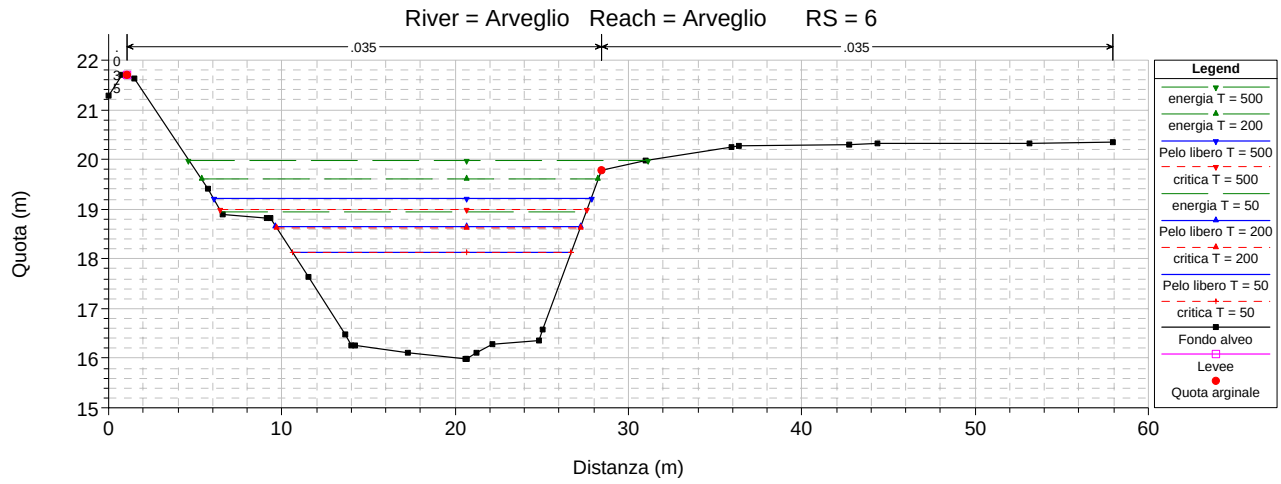
Rio Arveglio – verifica idraulica – sezioni trasversali



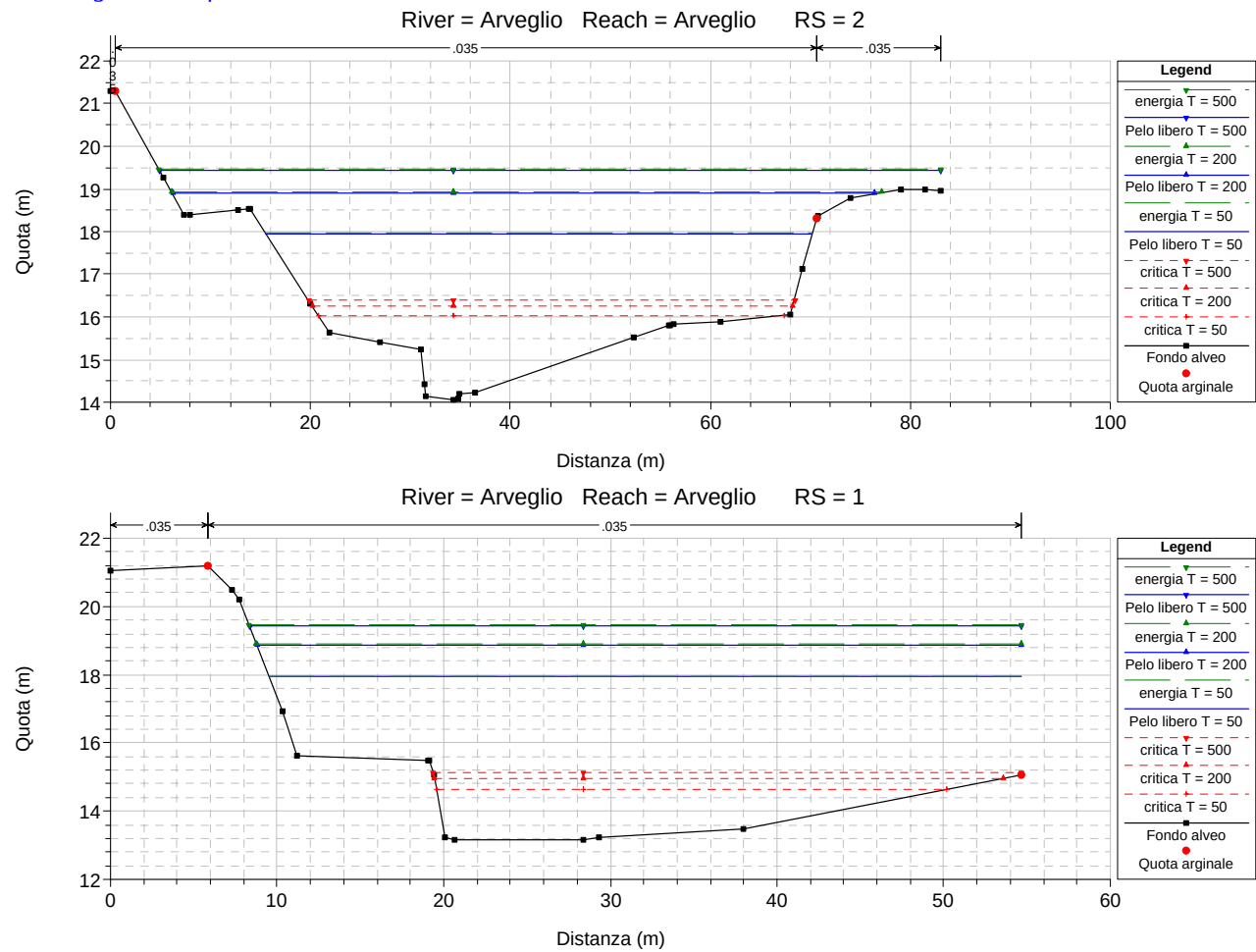
Rio Arveglio – verifica idraulica – sezioni trasversali



Rio Arveglio – verifica idraulica – sezioni trasversali



Rio Arveglio – verifica idraulica – sezioni trasversali





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12. RIO ARVEGLIO

**12.3 TABELLE DELLE GRANDEZZE IDRAULICHE SIGNIFICATIVE
PER LE PORTATE T=50, 200, 500 ANNI.**

Rio Arveglio T=50 anni										
Sezioni	Portata totale (m ³ /s)	Fondo alveo (m)	Argine sinistro (m)	Argine destro (m)	Pelo libero (m)	Profondità critica (m)	Energia (m ²)	Velocità (m/s)	Area bagnata (m ²)	N° Froude
24	104	20.84	25.38	26.25	24.50	23.35	24.68	1.86	55.78	0.39
23	104	20.57	27.25	27.06	24.36	23.18	24.62	2.26	46.05	0.46
22.5	Bridge									
22.1	104	20.57	27.25	27.06	24.14	23.18	24.45	2.47	42.17	0.51
22	104	19.91	23.95	23.60	22.95	22.95	24.02	4.57	22.74	1.00
21	104	19.48	20.50	22.35	22.85	22.11	23.30	2.98	36.49	0.59
20	104	18.86	22.02	22.73	22.76	22.03	23.05	2.51	44.46	0.52
19	104	18.28	21.54	22.94	22.81	21.30	22.93	1.65	70.16	0.31
18	104	18.90	22.90	22.90	22.65	21.10	22.90	2.20	47.18	0.40
17.5	Bridge									
17	104	18.70	23.50	23.50	22.66	20.85	22.86	2.00	51.89	0.34
16.5	104	18.65	22.75	21.95	21.83	21.83	22.76	4.26	24.38	1.00
16	104	17.99	21.82	20.74	20.25	21.05	22.35	6.43	16.18	1.71
15	104	17.63	21.66	20.36	21.16	20.74	21.61	3.10	37.17	0.61
14	104	17.29	21.58	19.91	20.95	20.52	21.38	3.04	37.43	0.62
13	104	17.11	21.93	19.72	20.55	20.36	21.10	3.47	33.42	0.73
12	104	16.90	21.53	19.66	19.66	19.66	20.64	4.39	23.70	1.00
11	104	16.73	21.61	21.85	19.58	18.59	19.93	2.63	39.58	0.51
10.5	Bridge									
10	104	16.70	21.67	21.60	19.15	18.80	19.83	3.67	28.35	0.78
9	104	16.75	21.54	21.75	19.09	18.78	19.80	3.72	27.98	0.80
8.5	Bridge									
8	104	16.67	21.35	19.66	18.96	18.70	19.60	3.54	29.34	0.82
7	104	16.23	21.87	20.32	19.09	18.15	19.36	2.29	45.49	0.49
6	104	15.98	21.71	19.79	18.91	18.13	19.26	2.62	39.65	0.61
5	104	15.81	21.27	19.38	18.94	17.49	19.09	1.71	60.84	0.37
4	104	14.63	21.03	18.96	18.96	16.66	19.03	1.13	92.15	0.23
3	104	14.64	20.64	18.55	18.98	16.52	19.01	0.84	124.33	0.16
2	104	14.06	21.29	18.31	18.99	16.03	19.00	0.53	198.75	0.10
1	104	13.16	21.19	15.08	18.98	14.65	19.00	0.48	216.77	0.07

Rio Arveglio T=200 anni										
Sezioni	Portata totale (m ³ /s)	Fondo alveo (m)	Argine sinistro (m)	Argine destro (m)	Pelo libero (m)	Profondità critica (m)	Energia (m ²)	Velocità (m/s)	Area bagnata (m ²)	N° Froude
24	150	20.84	25.38	26.25	25.44	23.71	25.62	1.91	78.54	0.34
23	150	20.57	27.25	27.06	25.30	23.66	25.57	2.33	64.40	0.42
22.5	Bridge									
22.1	150	20.57	27.25	27.06	24.91	23.66	25.27	2.65	56.58	0.50
22	150	19.91	23.95	23.60	23.78	23.78	24.88	4.69	33.24	0.88
21	150	19.48	20.50	22.35	23.89	22.76	24.29	2.88	55.49	0.48
20	150	18.86	22.02	22.73	23.87	22.42	24.13	2.39	68.05	0.41
19	150	18.28	21.54	22.94	23.93	21.81	24.04	1.58	108.67	0.25
18	150	18.90	22.90	22.90	23.72	21.63	24.01	2.37	63.29	0.37
17.5	Bridge									
17	150	18.70	23.50	23.50	23.32	21.35	23.62	2.43	61.79	0.38
16.5	150	18.65	22.75	21.95	22.36	22.36	23.50	4.71	31.81	1.01
16	150	17.99	21.82	20.74	20.73	21.45	23.10	6.82	21.99	1.67
15	150	17.63	21.66	20.36	21.72	21.18	22.25	3.42	49.37	0.62
14	150	17.29	21.58	19.91	21.51	20.93	22.03	3.38	48.26	0.63
13	150	17.11	21.93	19.72	21.26	20.77	21.80	3.46	47.71	0.64
12	150	16.90	21.53	19.66	20.26	20.26	21.40	4.76	32.17	0.97
11	150	16.73	21.61	21.85	20.29	19.08	20.75	2.98	50.27	0.52
10.5	Bridge									
10	150	16.70	21.67	21.60	19.76	19.33	20.64	4.15	36.10	0.78
9	150	16.75	21.54	21.75	19.71	19.31	20.61	4.20	35.72	0.80
8.5	Bridge									
8	150	16.67	21.35	19.66	19.71	19.19	20.39	3.65	41.13	0.73
7	150	16.23	21.87	20.32	19.86	18.59	20.16	2.40	62.38	0.47
6	150	15.98	21.71	19.79	19.75	18.62	20.09	2.58	58.22	0.52
5	150	15.81	21.27	19.38	19.80	17.91	19.96	1.76	86.41	0.33
4	150	14.63	21.03	18.96	19.83	17.04	19.90	1.17	134.81	0.21
3	150	14.64	20.64	18.55	19.85	16.81	19.89	0.89	175.99	0.15
2	150	14.06	21.29	18.31	19.86	16.26	19.88	0.58	266.79	0.09
1	150	13.16	21.19	15.08	19.85	14.97	19.87	0.58	257.01	0.08

Rio Arveglio T=500 anni										
Sezioni	Portata totale (m ³ /s)	Fondo alveo (m)	Argine sinistro (m)	Argine destro (m)	Pelo libero (m)	Profondità critica (m)	Energia (m ²)	Velocità (m/s)	Area bagnata (m ²)	N° Froude
24	180	20.84	25.38	26.25	25.96	23.93	26.15	1.94	97.74	0.33
23	180	20.57	27.25	27.06	25.81	23.94	26.10	2.39	75.26	0.41
22.5	Bridge									
22.1	180	20.57	27.25	27.06	25.22	23.94	25.63	2.87	62.75	0.52
22	180	19.91	23.95	23.60	24.21	24.21	25.27	4.66	42.07	0.82
21	180	19.48	20.50	22.35	24.48	23.05	24.88	2.89	66.28	0.45
20	180	18.86	22.02	22.73	24.47	22.64	24.74	2.43	80.88	0.38
19	180	18.28	21.54	22.94	24.55	22.02	24.65	1.60	129.64	0.24
18	180	18.90	22.90	22.90	24.30	21.94	24.62	2.50	71.99	0.36
17.5	Bridge									
17	180	18.70	23.50	23.50	23.69	21.63	24.06	2.67	67.38	0.40
16.5	180	18.65	22.75	21.95	22.69	22.69	23.93	4.92	36.62	1.00
16	180	17.99	21.82	20.74	20.88	21.67	23.51	7.30	26.54	1.72
15	180	17.63	21.66	20.36	22.08	21.42	22.63	3.52	58.35	0.60
14	180	17.29	21.58	19.91	21.91	21.17	22.43	3.42	59.31	0.60
13	180	17.11	21.93	19.72	21.68	21.00	22.23	3.50	56.14	0.61
12	180	16.90	21.53	19.66	20.57	20.57	21.84	5.03	36.72	0.97
11	180	16.73	21.61	21.85	20.74	19.36	21.25	3.16	57.01	0.52
10.5	Bridge									
10	180	16.70	21.67	21.60	20.16	19.65	21.14	4.37	41.15	0.77
9	180	16.75	21.54	21.75	20.12	19.62	21.11	4.41	40.84	0.78
8.5	Bridge									
8	180	16.67	21.35	19.66	20.20	19.48	20.86	3.63	50.84	0.67
7	180	16.23	21.87	20.32	20.36	18.84	20.65	2.38	76.04	0.48
6	180	15.98	21.71	19.79	20.25	18.99	20.58	2.56	71.69	0.48
5	180	15.81	21.27	19.38	20.31	18.16	20.46	1.78	107.91	0.31
4	180	14.63	21.03	18.96	20.35	17.26	20.41	1.18	162.80	0.19
3	180	14.64	20.64	18.55	20.36	16.98	20.40	0.91	208.94	0.15
2	180	14.06	21.29	18.31	20.37	16.39	20.39	0.60	307.59	0.09
1	180	13.16	21.19	15.08	20.36	15.13	20.38	0.64	280.89	0.08