



Commissario Governativo per l'Emergenza Idrica in Sardegna
(Ordinanza Ministro dell'Interno - Delegato per il coordinamento della protezione civile - n.3196 del 12/04/2002)

Regione Autonoma della Sardegna
Assessorato dei Lavori Pubblici
Ente Autonomo del Flumendosa



**PIANO STRALCIO DI BACINO REGIONALE
PER L'UTILIZZO DELLE RISORSE IDRICHE**

SARDEGNA

Legge n.183/89

EL. 6.2.3.A

RISULTATI DEL MODELLO DI SIMULAZIONE

Redazione:

SOGESID S.p.A.
Società Gestione Impianti Idrici

Approvazione:

RISULTATI DEL MODELLO DI SIMULAZIONE

SISTEMA 4 – NORD OCCIDENTALE

ALTERNATIVA BASE (O)

RISORSE

DENOMINAZIONE	Capacita' [Mmc]	Defl.Medio [Mmc/anno]	Inv.Medio [Mmc]	Inv.MAX [Mmc]	Inv.min [Mmc]	Sf.Mare [Mmc/anno]	Evap [Mmc/anno]
S1-Coghinas a Muzzone	242.09	188.53	214.66	241.11	118.75	0.00	27.32
S2-Coghinas a Casteldoria	7.03	52.88	6.17	6.94	3.40	132.77	2.40
S3-Cuga a Nuraghe Attentu	34.24	6.01	24.14	34.07	1.54	1.07	3.96
S4-Temo a Roccadoria	81.40	24.82	55.19	81.17	3.65	6.55	5.23
S5-Bidighinzu	10.90	4.56	7.49	10.83	0.45	0.00	1.64
S6-Monte Lerno	72.10	28.83	38.93	71.87	2.37	0.00	3.92
S7-Sos Canales	3.58	3.39	2.04	3.57	0.10	0.56	0.22
S8-Bunnari	1.62	1.06	1.46	1.61	0.79	2.80	0.25

CONFLUENZE CON INPUT IDROLOGICO

DENOMINAZIONE	Defl.Medio [Mmc/anno]	Sf.Mare [Mmc/anno]
REF1-San Marco	2.76	0.00
REF5-Caniga	5.88	0.00
T1-Mannu a la Crucca	25.88	29.09
T2-Mascari	5.18	1.63
T3-Ponte Valenti	14.22	0.00
T4-Scala Manna	4.83	1.80
T5-Badde de Jana	2.15	0.56
T6-cumone Crabolu	48.73	27.04

ALTERNATIVA BASE (O)

ARCHI

DENOMINAZIONE	Trasf.Medio [Mmc/anno]	Trasf.MAX [Mmc/mese]	Trasf.MAX [mc/sec]
1	0.12	0.72	0.28
2	5.71	9.91	3.82
3	0.12	0.72	0.28
4	1.54	13.14	5.07
5	6.03	1.50	0.58
6	0.00	0.00	0.00
7	6.03	1.50	0.58
8	6.82	1.69	0.65
9	6.82	1.69	0.65
11	39.20	4.50	1.74
12	16.84	1.40	0.54
13	2.38	0.43	0.16
14	36.62	4.07	1.57
15	0.53	0.04	0.02
16	1.05	0.09	0.03
17	5.04	0.57	0.22
18	10.41	1.30	0.50
19	0.00	0.00	0.00
20	20.65	2.15	0.83
21	16.84	1.40	0.54
23	16.84	1.40	0.54
24	0.00	0.00	0.00
26	53.25	13.21	5.09
27	3.91	0.78	0.30
29	31.34	10.89	4.20
31	2.31	1.04	0.40
32	1.60	0.18	0.07
33	26.18	12.68	4.89
34	26.18	12.68	4.89
35	29.21	12.79	4.94
36	30.79	12.84	4.96
37	6.31	0.53	0.20
38	7.12	10.91	4.21
40	8.51	3.11	1.20
41	161.79	196.25	75.71
42	16.40	4.07	1.57
43	155.88	196.16	75.68
44	1.02	0.30	0.11
46	5.64	0.48	0.18
47	2.57	0.30	0.12
48	3.55	1.42	0.55
49	1.51	1.03	0.40
51	21.69	7.07	2.73
272	6.55	0.55	0.21
273	5.64	0.47	0.18
274	0.38	0.03	0.01
275	0.50	0.04	0.02
276	0.29	0.02	0.01
277	0.32	0.03	0.01
278	0.05	0.00	0.00
279	0.06	0.00	0.00
357	2.76	0.23	0.09
359	4.97	0.91	0.35
394	5.88	0.49	0.19
447	4.00	0.67	0.26

ALTERNATIVA BASE (O)

UTENZE

DENOMINAZIONE	Rich.Ini. [Mmc/anno]	Deficit.Medio [Mmc/anno]	Def.MAX [Mmc/anno]	Erog.Netta Interna [Mmc/anno]
D10-Chilivani	54.67	38.27		16.40
D11-Monte Lerno	5.64	0.00		5.64
D12-Monte Agnese	5.04	0.00		5.04
D13-Sos Canales	3.58	0.00		3.58
D14-Alghero	1.05	0.00		1.05
D15-Badesi	4.97	0.00		4.97
D16-Perfugas	0.00	0.00		0.00
D17-Perfugas	6.03	0.00		6.03
D1-Bassa valle Casteldoria	6.82	0.00		6.82
D3-Lu Bagnu	2.38	0.00		2.38
D4-Porto Torres	16.84	0.00		16.84
D5-Pedra Niedda	0.53	0.00		0.53
D6-Truncu Reale	22.16	0.00		22.16
D7-Bidighinzu	6.31	0.00		6.31
D8-18-Nurra	57.88	4.63		53.25
D9-Schema n°12	1.60	0.00		1.60
DMV-S1	6.55	0.00		6.55
DMV-S2	5.64	0.00		5.64
DMV-S3	0.38	0.00		0.38
DMV-S4	0.50	0.00		0.50
DMV-S5	0.29	0.00		0.29
DMV-S6	0.32	0.00		0.32
DMV-S7	0.05	0.00		0.05
DMV-S8	0.06	0.00		0.06
DP34	4.00	0.00		4.00
TOTALE				166.39

ALTERNATIVA 1**RISORSE**

DENOMINAZIONE	Capacita' [Mmc]	Defl.Medio [Mmc/anno]	Inv.Medio [Mmc]	Inv.MAX [Mmc]	Inv.min [Mmc]	Sf.Mare [Mmc/anno]	Evap [Mmc/anno]
S1-Coghinas a Muzzone	242.09	188.53	185.18	241.11	32.38	0.00	24.25
S2-Coghinas a Casteldoria	7.03	52.88	5.45	6.94	0.92	100.93	2.13
S3-Cuga a Nuraghe Attentu	34.24	6.01	23.49	34.07	0.82	1.01	3.87
S4-Temo a Roccadoria	81.40	24.82	53.56	81.17	1.94	5.74	5.12
S5-Bidighinzu	10.90	4.56	7.05	10.83	0.24	0.00	1.57
S6-Monte Lerno	72.10	28.83	49.70	71.90	9.49	0.00	4.75
S7-Sos Canales	3.58	3.39	2.35	3.57	0.40	0.74	0.24
S8-Bunnari	1.62	1.06	1.28	1.61	0.21	2.11	0.23

CONFLUENZE CON INPUT IDROLOGICO

DENOMINAZIONE	Defl.Medio [Mmc/anno]	Sf.Mare [Mmc/anno]
REF1-San Marco	2.76	0.00
REF5-Caniga	5.88	0.00
T1-Mannu a la Crucca	25.88	27.94
T2-Mascari	5.18	1.63
T3-Ponte Valenti	14.22	0.00
T4-Scala Manna	4.83	1.67
T5-Badde de Jana	2.15	0.54
T6-cumone Crabolu	48.73	27.04

ALTERNATIVA 1

ARCHI

DENOMINAZIONE	Trasf.Medio [Mmc/anno]	Trasf.MAX [Mmc/mese]	Trasf.MAX [mc/sec]
1	0.06	0.72	0.28
2	7.31	10.97	4.23
3	0.06	0.72	0.28
4	7.96	16.13	6.22
5	6.03	1.50	0.58
6	0.00	0.00	0.00
7	6.03	1.50	0.58
8	6.82	1.69	0.65
9	6.82	1.69	0.65
11	37.62	4.50	1.74
12	16.84	1.40	0.54
13	2.38	0.43	0.16
14	35.04	4.07	1.57
15	0.53	0.04	0.02
16	1.05	0.09	0.03
17	5.04	0.57	0.22
18	9.55	1.30	0.50
19	0.00	0.00	0.00
20	19.93	2.15	0.83
21	16.84	1.40	0.54
23	16.84	1.40	0.54
24	0.00	0.00	0.00
26	53.25	13.21	5.09
27	3.86	0.78	0.30
29	32.25	11.72	4.52
31	2.63	1.04	0.40
32	1.60	0.18	0.07
33	26.79	11.86	4.57
34	26.79	11.86	4.57
35	29.95	11.97	4.62
36	31.56	12.02	4.64
37	6.31	0.53	0.20
38	5.92	10.91	4.21
40	6.90	3.11	1.20
41	128.13	155.69	60.07
42	8.57	5.94	2.29
43	122.16	155.59	60.03
44	1.24	0.30	0.12
46	5.64	0.48	0.18
47	2.35	0.30	0.12
48	3.55	1.42	0.55
49	2.23	1.27	0.49
51	21.69	7.07	2.73
266	46.10	13.56	5.23
272	6.55	0.55	0.21
273	5.64	0.47	0.18
274	0.38	0.03	0.01
275	0.50	0.04	0.02
276	0.29	0.02	0.01
277	0.32	0.03	0.01
278	0.05	0.00	0.00
279	0.06	0.00	0.00
357	2.76	0.23	0.09
359	4.97	0.91	0.35
394	5.88	0.49	0.19
446	0.00	0.00	0.00
447	4.00	0.67	0.26

ALTERNATIVA 1

UTENZE

DENOMINAZIONE	Rich.Ini. [Mmc/anno]	Deficit.Medio [Mmc/anno]	Def.MAX [Mmc/anno]	Erog.Netta Interna [Mmc/anno]	Erog.Netta Esterna [Mmc/anno]
D10-Chilivani	54.67	0.00		54.67	
D11-Monte Lerno	5.64	0.00		5.64	
D12-Monte Agnese	5.04	0.00		5.04	
D13-Sos Canales	3.58	0.00		3.58	
D14-Alghero	1.05	0.00		1.05	
D15-Badesi	4.97	0.00		4.97	
D16-Perfugas	0.00	0.00		0.00	
D17-Perfugas	6.03	0.00		6.03	
D1-Bassa valle Casteldoria	6.82	0.00		6.82	
D3-Lu Bagnu	2.38	0.00		2.38	
D4-Porto Torres	16.84	0.00		16.84	
D5-Pedra Niedda	0.53	0.00		0.53	
D6-Truncu Reale	22.16	0.00		22.16	
D7-Bidighinzu	6.31	0.00		6.31	
D8-18-Nurra	57.88	4.63		53.25	
D9-Schema n°12	1.60	0.00		1.60	
DMV-S1	6.55	0.00		6.55	
DMV-S2	5.64	0.00		5.64	
DMV-S3	0.38	0.00		0.38	
DMV-S4	0.50	0.00		0.50	
DMV-S5	0.29	0.00		0.29	
DMV-S6	0.32	0.00		0.32	
DMV-S7	0.05	0.00		0.05	
DMV-S8	0.06	0.00		0.06	
DP34	4.00	0.00		4.00	
DS5	0.00	0.00			0.00
TOTALE				208.65	0.00

ALTERNATIVA 2**RISORSE**

DENOMINAZIONE	Capacita' [Mmc]	Defl.Medio [Mmc/anno]	Inv.Medio [Mmc]	Inv.MAX [Mmc]	Inv.min [Mmc]	Sf.Mare [Mmc/anno]	Evap [Mmc/anno]
S1-Coghinas a Muzzone	242.09	188.53	165.36	241.11	2.66	0.00	22.11
S2-Coghinas a Casteldoria	7.03	52.88	4.96	6.94	0.07	77.15	1.94
S3-Cuga a Nuraghe Attentu	34.24	6.01	23.26	34.07	0.38	1.04	3.84
S4-Temo a Roccadoria	81.40	24.82	52.90	81.17	0.89	5.18	5.09
S5-Bidighinzu	10.90	4.56	6.82	10.83	0.11	0.00	1.53
S6-Monte Lerno	72.10	28.83	43.59	71.90	0.79	0.00	4.31
S7-Sos Canales	3.58	3.39	2.14	3.57	0.03	0.61	0.23
S8-Bunnari	1.62	1.06	1.15	1.61	0.02	1.83	0.21

CONFLUENZE CON INPUT IDROLOGICO

DENOMINAZIONE	Defl.Medio [Mmc/anno]	Sf.Mare [Mmc/anno]
REF1-San Marco	2.76	0.00
REF5-Caniga	5.88	0.00
T1-Mannu a la Crucca	25.88	27.37
T2-Mascari	5.18	1.63
T3-Ponte Valenti	14.22	0.00
T4-Scala Manna	4.83	1.64
T5-Badde de Jana	2.15	0.56
T6-cumone Crabolu	48.73	27.04

ALTERNATIVA 2

ARCHI

DENOMINAZIONE	Trasf.Medio [Mmc/anno]	Trasf.MAX [Mmc/mese]	Trasf.MAX [mc/sec]
1	0.02	0.72	0.28
2	8.92	10.97	4.23
3	0.02	0.72	0.28
4	6.01	16.13	6.22
5	6.03	1.50	0.58
6	0.00	0.00	0.00
7	6.03	1.50	0.58
8	6.82	1.69	0.65
9	6.82	1.69	0.65
11	39.69	5.44	2.10
12	19.43	2.59	1.00
13	2.38	0.43	0.16
14	37.11	5.17	2.00
15	0.53	0.04	0.02
16	1.05	0.09	0.03
17	5.04	0.57	0.22
18	14.51	4.00	1.54
19	2.59	1.19	0.46
20	19.63	2.15	0.83
21	16.84	1.40	0.54
23	19.43	2.59	1.00
24	0.00	0.00	0.00
26	57.88	14.35	5.54
27	3.85	0.78	0.30
29	31.94	12.95	5.00
31	3.60	1.04	0.40
32	1.60	0.18	0.07
33	26.46	11.84	4.57
34	26.46	11.84	4.57
35	29.65	11.95	4.61
36	31.23	12.00	4.63
37	6.31	0.53	0.20
38	5.33	10.91	4.21
40	5.30	3.11	1.20
41	108.84	152.36	58.78
42	11.27	6.40	2.47
43	102.83	152.26	58.74
44	1.09	0.30	0.12
46	5.64	0.48	0.18
47	2.49	0.30	0.12
48	3.55	1.42	0.55
49	2.53	1.49	0.57
51	21.69	7.07	2.73
266	43.40	13.56	5.23
272	6.55	0.55	0.21
273	5.64	0.47	0.18
274	0.38	0.03	0.01
275	0.50	0.04	0.02
276	0.29	0.02	0.01
277	0.32	0.03	0.01
278	0.05	0.00	0.00
279	0.06	0.00	0.00
357	2.76	0.23	0.09
359	4.97	0.91	0.35
394	5.88	0.49	0.19
446	24.43	3.33	1.29
447	4.00	0.67	0.26

ALTERNATIVA 2
UTENZE

DENOMINAZIONE	Rich.Ini. [Mmc/anno]	Deficit.Medio [Mmc/anno]	Def.MAX [Mmc/anno]	Erog.Netta Interna [Mmc/anno]	Erog.Netta Esterna [Mmc/anno]
D10-Chilivani	54.67	0.00		54.67	
D11-Monte Lerno	5.64	0.00		5.64	
D12-Monte Agnese	5.04	0.00		5.04	
D13-Sos Canales	3.58	0.00		3.58	
D14-Alghero	1.05	0.00		1.05	
D15-Badesi	4.97	0.00		4.97	
D16-Perfugas	0.00	0.00		0.00	
D17-Perfugas	6.03	0.00		6.03	
D1-Bassa valle Casteldoria	6.82	0.00		6.82	
D3-Lu Bagnu	2.38	0.00		2.38	
D4-Porto Torres	16.84	0.00		16.84	
D5-Pedra Niedda	0.53	0.00		0.53	
D6-Truncu Reale	22.16	0.00		22.16	
D7-Bidighinzu	6.31	0.00		6.31	
D8-18-Nurra	57.88	0.00		57.88	
D9-Schema n°12	1.60	0.00		1.60	
DMV-S1	6.55	0.00		6.55	
DMV-S2	5.64	0.00		5.64	
DMV-S3	0.38	0.00	0.01	0.38	
DMV-S4	0.50	0.00	0.01	0.50	
DMV-S5	0.29	0.00	0.01	0.29	
DMV-S6	0.32	0.00	0.01	0.32	
DMV-S7	0.05	0.00		0.05	
DMV-S8	0.06	0.00		0.06	
DP34	4.00	0.00	0.06	4.00	
DS5	40.00	15.57	40.00		24.43
TOTALE				213.28	0.00

ALTERNATIVA 3**RISORSE**

DENOMINAZIONE	Capacita' [Mmc]	Defl.Medio [Mmc/anno]	Inv.Medio [Mmc]	Inv.MAX [Mmc]	Inv.min [Mmc]	Sf.Mare [Mmc/anno]	Evap [Mmc/anno]
S1-Coghinas a Muzzone	242.09	188.53	165.36	241.11	2.66	0.00	22.11
S2-Coghinas a Casteldoria	7.03	52.88	4.96	6.94	0.07	77.15	1.94
S3-Cuga a Nuraghe Attentu	34.24	6.01	23.26	34.07	0.38	1.04	3.84
S4-Temo a Roccadoria	81.40	24.82	52.90	81.17	0.89	5.18	5.09
S5-Bidighinzu	10.90	4.56	6.82	10.83	0.11	0.00	1.53
S6-Monte Lerno	72.10	28.83	43.59	71.90	0.79	0.00	4.31
S7-Sos Canales	3.58	3.39	2.14	3.57	0.03	0.61	0.23
S8-Bunnari	1.62	1.06	1.15	1.61	0.02	1.83	0.21

CONFLUENZE CON INPUT IDROLOGICO

DENOMINAZIONE	Defl.Medio [Mmc/anno]	Sf.Mare [Mmc/anno]
REF1-San Marco	2.76	0.00
REF5-Caniga	5.88	0.00
T1-Mannu a la Crucca	25.88	27.37
T2-Mascari	5.18	1.63
T3-Ponte Valenti	14.22	0.00
T4-Scala Manna	4.83	1.64
T5-Badde de Jana	2.15	0.56
T6-cumone Crabolu	48.73	27.04

ALTERNATIVA 3

ARCHI

DENOMINAZIONE	Trasf.Medio [Mmc/anno]	Trasf.MAX [Mmc/mese]	Trasf.MAX [mc/sec]
1	0.02	0.72	0.28
2	8.92	10.97	4.23
3	0.02	0.72	0.28
4	6.01	16.13	6.22
5	6.03	1.50	0.58
6	0.00	0.00	0.00
7	6.03	1.50	0.58
8	6.82	1.69	0.65
9	6.82	1.69	0.65
11	39.69	5.44	2.10
12	19.43	2.59	1.00
13	2.38	0.43	0.16
14	37.11	5.17	2.00
15	0.53	0.04	0.02
16	1.05	0.09	0.03
17	5.04	0.57	0.22
18	10.41	1.30	0.50
19	1.51	1.50	0.58
20	19.63	2.15	0.83
21	16.84	1.40	0.54
23	19.43	2.59	1.00
24	0.00	0.00	0.00
26	57.88	14.35	5.54
27	3.85	0.78	0.30
29	31.94	12.95	5.00
31	3.60	1.04	0.40
32	1.60	0.18	0.07
33	26.46	11.84	4.57
34	26.46	11.84	4.57
35	29.65	11.95	4.61
36	31.23	12.00	4.63
37	6.31	0.53	0.20
38	5.33	10.91	4.21
40	5.30	3.11	1.20
41	108.84	152.36	58.78
42	11.27	6.40	2.47
43	102.83	152.26	58.74
44	1.09	0.30	0.12
46	5.64	0.48	0.18
47	2.49	0.30	0.12
48	3.55	1.42	0.55
49	2.53	1.49	0.57
51	21.69	7.07	2.73
266	43.40	13.56	5.23
269	4.10	2.70	1.04
272	6.55	0.55	0.21
273	5.64	0.47	0.18
274	0.38	0.03	0.01
275	0.50	0.04	0.02
276	0.29	0.02	0.01
277	0.32	0.03	0.01
278	0.05	0.00	0.00
279	0.06	0.00	0.00
357	2.76	0.23	0.09
359	4.97	0.91	0.35
394	5.88	0.49	0.19
446	24.43	3.33	1.29
447	4.00	0.67	0.26

ALTERNATIVA 3
UTENZE

DENOMINAZIONE	Rich.Ini. [Mmc/anno]	Deficit.Medio [Mmc/anno]	Def.MAX [Mmc/anno]	Erog.Netta Interna [Mmc/anno]	Erog.Netta Esterna [Mmc/anno]
D10-Chilivani	54.67	0.00		54.67	
D11-Monte Lerno	5.64	0.00		5.64	
D12-Monte Agnese	5.04	0.00		5.04	
D13-Sos Canales	3.58	0.00		3.58	
D14-Alghero	1.05	0.00		1.05	
D15-Badesi	4.97	0.00		4.97	
D16-Perfugas	0.00	0.00		0.00	
D17-Perfugas	6.03	0.00		6.03	
D1-Bassa valle Casteldoria	6.82	0.00		6.82	
D3-Lu Bagnu	2.38	0.00		2.38	
D4-Porto Torres	16.84	0.00		16.84	
D5-Pedra Niedda	0.53	0.00		0.53	
D6-Truncu Reale	22.16	0.00		22.16	
D7-Bidighinzu	6.31	0.00		6.31	
D8-18-Nurra	57.88	0.00		57.88	
D9-Schema n°12	1.60	0.00		1.60	
DMV-S1	6.55	0.00		6.55	
DMV-S2	5.64	0.00		5.64	
DMV-S3	0.38	0.00	0.01	0.38	
DMV-S4	0.50	0.00	0.01	0.50	
DMV-S5	0.29	0.00	0.01	0.29	
DMV-S6	0.32	0.00	0.01	0.32	
DMV-S7	0.05	0.00		0.05	
DMV-S8	0.06	0.00		0.06	
DP34	4.00	0.00	0.06	4.00	
DS5	40.00	15.57	40.00		24.43
TOTALE				213.28	0.00

ALTERNATIVA 4

RISORSE

DENOMINAZIONE	Capacita' [Mmc]	Defl.Medio [Mmc/anno]	Inv.Medio [Mmc]	Inv.MAX [Mmc]	Inv.min [Mmc]	Sf.Mare [Mmc/anno]	Evap [Mmc/anno]
S1-Coghinas a Muzzone	242.09	170.81	162.06	241.11	4.25	0.00	21.78
S2-Coghinas a Casteldoria	7.03	52.88	4.89	6.94	0.12	70.16	1.91
S3-Cuga a Nuraghe Attentu	34.24	6.01	22.74	34.07	0.60	0.83	3.78
S4-Temo a Roccadoria	81.40	24.82	52.29	81.17	1.42	5.12	5.04
S52-Calambro	51.50	4.49	24.61	51.36	0.00	0.00	2.71
S5-Bidighinzu	10.90	4.56	6.69	10.83	0.18	0.00	1.51
S6-Monte Lerno	72.10	28.83	43.03	71.90	1.25	0.00	4.26
S7-Sos Canales	3.58	3.39	2.12	3.57	0.05	0.60	0.22
S8-Bunnari	1.62	1.06	1.13	1.61	0.03	1.75	0.20

CONFLUENZE CON INPUT IDROLOGICO

DENOMINAZIONE	Defl.Medio [Mmc/anno]	Sf.Mare [Mmc/anno]
REF1-San Marco	2.76	0.00
REF5-Caniga	5.88	0.00
T1-Mannu a la Crucca	25.88	27.05
T2-Mascari	5.18	1.63
T3-Ponte Valenti	14.22	0.00
T4-Scala Manna	4.83	1.66
T54-Buttule	13.24	0.00
T5-Badde de Jana	2.15	0.54
T6-cumone Crabolu	48.73	27.04

ALTERNATIVA 4

ARCHI

DENOMINAZIONE	Trasf.Medio [Mmc/anno]	Trasf.MAX [Mmc/mese]	Trasf.MAX [mc/sec]
1	0.01	0.72	0.28
2	9.43	10.97	4.23
3	0.01	0.72	0.28
4	2.61	16.13	6.22
5	6.03	1.50	0.58
6	0.00	0.00	0.00
7	6.03	1.50	0.58
8	6.82	1.69	0.65
9	6.82	1.69	0.65
11	37.77	5.44	2.10
12	21.04	2.59	1.00
13	0.00	0.00	0.00
14	37.77	5.44	2.10
15	0.53	0.04	0.02
16	1.05	0.09	0.03
17	5.04	0.57	0.22
18	14.28	4.00	1.54
19	1.62	0.92	0.35
20	19.55	2.11	0.81
21	16.84	1.40	0.54
23	18.46	2.32	0.90
24	2.38	0.43	0.16
26	57.88	14.35	5.54
27	4.10	0.78	0.30
29	31.91	12.97	5.00
31	4.03	1.04	0.40
32	1.60	0.18	0.07
33	26.15	11.84	4.57
34	26.15	11.84	4.57
35	29.32	11.95	4.61
36	30.93	12.00	4.63
37	6.31	0.53	0.20
38	5.26	10.91	4.21
40	4.78	3.11	1.20
41	101.52	148.84	57.42
42	14.74	6.39	2.47
43	95.50	148.75	57.39
44	1.08	0.30	0.12
46	5.64	0.48	0.18
47	2.50	0.30	0.12
48	3.55	1.42	0.55
49	2.61	1.51	0.58
51	21.69	7.07	2.73
266	39.93	13.56	5.23
272	6.28	0.52	0.20
273	5.64	0.47	0.18
274	0.38	0.03	0.01
275	0.50	0.04	0.02
276	0.29	0.02	0.01
277	0.32	0.03	0.01
278	0.05	0.00	0.00
279	0.06	0.00	0.00
357	2.76	0.23	0.09
359	4.97	0.91	0.35
366	10.15	2.53	0.98
367	8.94	2.59	1.00
368	0.57	4.42	1.71
369	4.29	11.60	4.48
394	5.88	0.49	0.19
396	8.30	2.07	0.80
401	1.85	0.46	0.18
446	20.10	3.33	1.29
447	3.99	0.67	0.26

ALTERNATIVA 4

UTENZE

DENOMINAZIONE	Rich.Ini. [Mmc/anno]	Deficit.Medio [Mmc/anno]	Def.MAX [Mmc/anno]	Erog.Netta Interna [Mmc/anno]	Erog.Netta Esterna [Mmc/anno]
D10-Chilivani	54.67	0.00		54.67	
D11-Monte Lerno	5.64	0.00		5.64	
D12-Monte Agnese	5.04	0.00		5.04	
D136	16.68	8.38	1.86	8.30	
D136A	3.72	1.87	0.42	1.85	
D13-Sos Canales	3.58	0.00		3.58	
D14-Alghero	1.05	0.00		1.05	
D15-Badesi	4.97	0.00		4.97	
D16-Perfugas	0.00	0.00		0.00	
D17-Perfugas	6.03	0.00		6.03	
D1-Bassa valle Casteldoria	6.82	0.00		6.82	
D3-Lu Bagnu	2.38	0.00		2.38	
D4-Porto Torres	16.84	0.00		16.84	
D5-Pedra Niedda	0.53	0.00		0.53	
D6-Truncu Reale	22.16	0.00		22.16	
D7-Bidighinzu	6.31	0.00		6.31	
D8-18-Nurra	57.88	0.00		57.88	
D9-Schema n°12	1.60	0.00		1.60	
DMV-S1	6.28	0.00		6.28	
DMV-S2	5.64	0.00		5.64	
DMV-S3	0.38	0.00		0.38	
DMV-S4	0.50	0.00	0.02	0.50	
DMV-S5	0.29	0.00	0.01	0.29	
DMV-S6	0.32	0.00		0.32	
DMV-S7	0.05	0.00		0.05	
DMV-S8	0.06	0.00		0.06	
DP34	4.00	0.01	0.35	3.99	
DS5	40.00	19.90	40.00		20.10
TOTALE				223.16	0.00

ALTERNATIVA 5

RISORSE

DENOMINAZIONE	Capacita' [Mmc]	Defl.Medio [Mmc/anno]	Inv.Medio [Mmc]	Inv.MAX [Mmc]	Inv.min [Mmc]	Sf.Mare [Mmc/anno]	Evap [Mmc/anno]
S1-Coghinas a Muzzone	242.09	188.53	134.34	241.11	1.46	0.00	18.78
S2-Coghinas a Casteldoria	7.03	52.88	5.33	6.94	0.06	60.30	2.07
S3-Cuga a Nuraghe Attentu	34.24	6.01	23.98	34.07	0.40	1.03	3.95
S46-Crabolu	15.00	27.01	10.00	14.98	0.16	0.00	0.57
S4-Terno a Roccadoria	81.40	24.82	56.52	81.17	0.95	13.61	5.28
S5-Bidighinzu	10.90	4.56	7.25	10.83	0.12	0.00	1.60
S6-Monte Lerno	72.10	28.83	46.95	71.90	0.65	0.00	4.55
S7-Sos Canales	3.58	3.39	2.22	3.57	0.03	0.67	0.23
S8-Bunnari	1.62	1.06	1.24	1.61	0.01	2.21	0.22

CONFLUENZE CON INPUT IDROLOGICO

DENOMINAZIONE	Defl.Medio [Mmc/anno]	Sf.Mare [Mmc/anno]
REF1-San Marco	2.76	0.00
REF5-Caniga	5.88	0.00
T1-Mannu a la Crucca	25.88	27.76
T2-Mascari	5.18	1.63
T3-Ponte Valenti	14.22	0.00
T4-Scala Manna	4.83	1.71
T5-Badde de Jana	2.15	0.56
T6-cumone Crabolu	21.72	10.55

ALTERNATIVA 5

ARCHI

DENOMINAZIONE	Trasf.Medio [Mmc/anno]	Trasf.MAX [Mmc/mese]	Trasf.MAX [mc/sec]
1	0.08	0.48	0.18
2	8.82	10.93	4.22
3	0.08	0.48	0.18
4	5.79	16.27	6.28
5	6.03	1.50	0.58
6	0.00	0.00	0.00
7	6.03	1.50	0.58
8	6.82	1.69	0.65
9	6.82	1.69	0.65
11	35.76	4.50	1.74
12	16.84	1.40	0.54
13	2.38	0.43	0.16
14	33.18	4.07	1.57
15	0.53	0.04	0.02
16	1.05	0.09	0.03
17	5.04	0.57	0.22
18	7.59	1.30	0.50
19	0.00	0.00	0.00
20	20.02	2.15	0.83
21	16.84	1.40	0.54
23	16.84	1.40	0.54
24	0.00	0.00	0.00
26	57.88	14.35	5.54
27	4.38	0.78	0.30
29	38.31	13.12	5.06
31	4.52	1.04	0.40
32	1.60	0.18	0.07
33	32.95	10.10	3.90
34	32.95	10.10	3.90
35	36.07	10.21	3.94
36	37.65	10.26	3.96
37	6.31	0.53	0.20
38	6.26	10.91	4.21
40	5.40	3.11	1.20
41	85.55	147.36	56.85
42	11.48	9.15	3.53
43	79.60	147.26	56.81
44	1.16	0.30	0.12
46	5.64	0.48	0.18
47	2.43	0.30	0.12
48	3.55	1.42	0.55
49	2.14	1.28	0.49
51	37.62	12.96	5.00
266	43.19	13.56	5.23
268	37.62	12.96	5.00
272	6.55	0.55	0.21
273	5.64	0.47	0.18
274	0.38	0.03	0.01
275	0.50	0.04	0.02
276	0.29	0.02	0.01
277	0.32	0.03	0.01
278	0.05	0.00	0.00
279	0.06	0.00	0.00
357	2.76	0.23	0.09
359	4.97	0.91	0.35
394	5.88	0.49	0.19
446	49.91	8.33	3.21
447	4.00	0.67	0.26
501	26.44	21.07	8.13

ALTERNATIVA 5

UTENZE

DENOMINAZIONE	Rich.Ini. [Mmc/anno]	Deficit.Medio [Mmc/anno]	Def.MAX [Mmc/anno]	Erog.Netta Interna [Mmc/anno]	Erog.Netta Esterna [Mmc/anno]
D10-Chilivani	54.67	0.00		54.67	
D11-Monte Lerno	5.64	0.00		5.64	
D12-Monte Agnese	5.04	0.00		5.04	
D13-Sos Canales	3.58	0.00		3.58	
D14-Alghero	1.05	0.00		1.05	
D15-Badesi	4.97	0.00		4.97	
D16-Perfugas	0.00	0.00		0.00	
D17-Perfugas	6.03	0.00		6.03	
D1-Bassa valle Casteldoria	6.82	0.00		6.82	
D3-Lu Bagnu	2.38	0.00		2.38	
D4-Porto Torres	16.84	0.00		16.84	
D5-Pedra Niedda	0.53	0.00		0.53	
D6-Truncu Reale	22.16	0.00		22.16	
D7-Bidighinzu	6.31	0.00		6.31	
D8-18-Nurra	57.88	0.00		57.88	
D9-Schema n°12	1.60	0.00		1.60	
DMV-S1	6.55	0.00		6.55	
DMV-S2	5.64	0.00		5.64	
DMV-S3	0.38	0.00	0.01	0.38	
DMV-S4	0.50	0.00	0.01	0.50	
DMV-S5	0.29	0.00	0.01	0.29	
DMV-S6	0.32	0.00	0.01	0.32	
DMV-S7	0.05	0.00		0.05	
DMV-S8	0.06	0.00		0.06	
DP34	4.00	0.00	0.02	4.00	
DS5	100.00	50.08	100.00		49.91
TOTALE				213.28	0.00

ALTERNATIVA 6**RISORSE**

DENOMINAZIONE	Capacita' [Mmc]	Defl.Medio [Mmc/anno]	Inv.Medio [Mmc]	Inv.MAX [Mmc]	Inv.min [Mmc]	Sf.Mare [Mmc/anno]	Evap [Mmc/anno]
S1-Coghinas a Muzzone	242.09	188.53	134.91	241.11	0.78	0.00	18.91
S2-Coghinas a Casteldoria	7.03	52.88	4.33	6.94	0.02	50.73	1.70
S3-Cuga a Nuraghe Attentu	34.24	6.01	24.62	34.07	0.53	1.29	4.03
S4-Temo a Roccadoria	81.40	24.82	58.90	81.17	1.26	20.35	5.40
S5-Bidighinzu	10.90	4.56	7.13	10.83	0.16	0.00	1.60
S6-Monte Lerno	72.10	28.83	35.87	71.87	0.24	0.00	3.74
S7-Sos Canales	3.58	3.39	1.86	3.57	0.01	0.53	0.21
S8-Bunnari	1.62	1.06	0.99	1.61	0.01	1.46	0.19

CONFLUENZE CON INPUT IDROLOGICO

DENOMINAZIONE	Defl.Medio [Mmc/anno]	Sf.Mare [Mmc/anno]
REF1-San Marco	2.76	0.00
REF5-Caniga	5.88	0.00
T1-Mannu a la Crucca	25.88	27.31
T27-Barasumene	25.56	10.58
T2-Mascari	5.18	1.63
T31-Abbaidorza	12.01	0.00
T3-Ponte Valenti	14.22	0.00
T4-Scala Manna	4.83	1.69
T5-Badde de Jana	2.15	0.59
T6-cumone Crabolu	48.73	27.04

ALTERNATIVA 6

ARCHI

DENOMINAZIONE	Trasf.Medio [Mmc/anno]	Trasf.MAX [Mmc/mese]	Trasf.MAX [mc/sec]
1	0.01	0.48	0.18
2	11.84	10.97	4.23
3	0.01	0.48	0.18
4	3.25	10.32	3.98
5	6.03	1.50	0.58
6	0.00	0.00	0.00
7	6.03	1.50	0.58
8	6.82	1.69	0.65
9	6.82	1.69	0.65
11	26.99	3.95	1.52
12	19.42	1.83	0.71
13	0.00	0.00	0.00
14	26.99	3.95	1.52
15	0.53	0.04	0.02
16	1.05	0.09	0.03
17	5.04	0.57	0.22
18	2.19	1.30	0.50
19	0.00	0.00	0.00
20	19.23	2.08	0.80
21	16.84	1.40	0.54
23	16.84	1.40	0.54
24	2.38	0.43	0.16
26	57.88	14.35	5.54
27	5.18	0.78	0.30
29	42.92	13.00	5.02
31	7.87	1.04	0.40
32	1.60	0.18	0.07
33	37.87	15.17	5.85
34	37.87	15.17	5.85
35	41.01	15.28	5.89
36	42.57	15.33	5.91
37	6.31	0.53	0.20
38	6.60	10.91	4.21
40	2.37	3.11	1.20
41	69.46	138.22	53.32
42	15.16	7.63	2.94
43	63.44	138.12	53.29
44	0.98	0.30	0.12
46	5.64	0.48	0.18
47	2.60	0.30	0.12
48	3.55	1.42	0.55
49	2.93	1.55	0.60
51	21.46	6.98	2.69
266	39.51	13.56	5.23
267	11.70	7.78	3.00
268	48.69	12.96	5.00
272	6.55	0.55	0.21
273	5.64	0.47	0.18
274	0.38	0.03	0.01
275	0.50	0.04	0.02
276	0.29	0.02	0.01
277	0.32	0.03	0.01
278	0.05	0.00	0.00
279	0.06	0.00	0.00
319	15.52	7.05	2.72
344	0.24	1.89	0.73
357	2.76	0.23	0.09
359	4.97	0.91	0.35
394	5.88	0.49	0.19
446	60.98	9.98	3.85
447	0.00	0.00	0.00
465	0.31	5.52	2.13

ALTERNATIVA 6

UTENZE

DENOMINAZIONE	Rich.Ini. [Mmc/anno]	Deficit.Medio [Mmc/anno]	Def.MAX [Mmc/anno]	Erog.Netta Interna [Mmc/anno]	Erog.Netta Esterna [Mmc/anno]
D10-Chilivani	54.67	0.00		54.67	
D11-Monte Lerno	5.64	0.00		5.64	
D12-Monte Agnese	5.04	0.00		5.04	
D13-Sos Canales	3.58	0.00		3.58	
D14-Alghero	1.05	0.00		1.05	
D15-Badesi	4.97	0.00		4.97	
D16-Perfugas	0.00	0.00		0.00	
D17-Perfugas	6.03	0.00		6.03	
D1-Bassa valle Casteldoria	6.82	0.00		6.82	
D3-Lu Bagnu	2.38	0.00		2.38	
D4-Porto Torres	16.84	0.00		16.84	
D5-Pedra Niedda	0.53	0.00		0.53	
D6-Truncu Reale	22.16	0.00		22.16	
D7-Bidighinzu	6.31	0.00		6.31	
D8-18-Nurra	57.88	0.00		57.88	
D9-Schema n°12	1.60	0.00		1.60	
DMV-S1	6.55	0.00		6.55	
DMV-S2	5.64	0.00		5.64	
DMV-S3	0.38	0.00	0.01	0.38	
DMV-S4	0.50	0.00	0.01	0.50	
DMV-S5	0.29	0.00		0.29	
DMV-S6	0.32	0.00	0.01	0.32	
DMV-S7	0.05	0.00		0.05	
DMV-S8	0.06	0.00		0.06	
DP34	0.00	0.00		0.00	
DS5	120.00	59.02	120.00		60.98
TOTALE				209.28	0.00

ALTERNATIVA 7**RISORSE**

DENOMINAZIONE	Capacita' [Mmc]	Defl.Medio [Mmc/anno]	Inv.Medio [Mmc]	Inv.MAX [Mmc]	Inv.min [Mmc]	Sf.Mare [Mmc/anno]	Evap [Mmc/anno]
S1-Coghinas a Muzzone	242.09	188.53	134.05	241.11	0.31	0.00	18.82
S2-Coghinas a Casteldoria	7.03	52.88	4.25	6.94	0.01	50.30	1.67
S3-Cuga a Nuraghe Attentu	34.24	6.01	26.02	34.07	3.50	1.49	4.22
S46-Crabolu	15.00	27.01	10.86	14.98	1.45	0.00	0.59
S4-Temo a Roccadoria	81.40	24.82	61.88	81.17	8.31	24.72	5.61
S5-Bidighinzu	10.90	4.56	7.58	10.83	1.02	0.00	1.68
S6-Monte Lerno	72.10	28.83	34.91	71.87	0.09	0.00	3.66
S7-Sos Canales	3.58	3.39	1.83	3.57	0.00	0.52	0.20
S8-Bunnari	1.62	1.06	0.96	1.61	0.00	1.42	0.18

CONFLUENZE CON INPUT IDROLOGICO

DENOMINAZIONE	Defl.Medio [Mmc/anno]	Sf.Mare [Mmc/anno]
REF1-San Marco	2.76	0.00
REF5-Caniga	5.88	0.00
T1-Mannu a la Crucca	25.88	27.62
T27-Barasumene	25.56	22.63
T2-Mascari	5.18	1.63
T31-Abbaidorza	12.01	0.00
T3-Ponte Valenti	14.22	0.00
T4-Scala Manna	4.83	1.83
T5-Badde de Jana	2.15	0.67
T6-cumone Crabolu	21.72	7.75

ALTERNATIVA 7

ARCHI

DENOMINAZIONE	Trasf.Medio [Mmc/anno]	Trasf.MAX [Mmc/mese]	Trasf.MAX [mc/sec]
1	0.00	0.00	0.00
2	12.02	10.97	4.23
3	0.00	0.00	0.00
4	2.88	9.33	3.60
5	6.03	1.50	0.58
6	0.00	0.00	0.00
7	6.03	1.50	0.58
8	6.82	1.69	0.65
9	6.82	1.69	0.65
11	26.44	3.82	1.47
12	19.42	1.83	0.71
13	0.00	0.00	0.00
14	26.44	3.82	1.47
15	0.53	0.04	0.02
16	1.05	0.09	0.03
17	5.04	0.57	0.22
18	1.69	1.30	0.50
19	0.00	0.00	0.00
20	19.18	2.09	0.80
21	16.84	1.40	0.54
23	16.84	1.40	0.54
24	2.38	0.43	0.16
26	57.88	14.35	5.54
27	5.11	0.78	0.30
29	43.49	13.24	5.11
31	8.40	1.04	0.40
32	1.60	0.18	0.07
33	39.16	11.33	4.37
34	39.16	11.33	4.37
35	42.15	11.79	4.55
36	43.63	12.96	5.00
37	6.31	0.53	0.20
38	6.85	10.91	4.21
40	2.20	3.11	1.20
41	68.46	137.23	52.94
42	15.64	7.56	2.92
43	62.43	137.13	52.91
44	0.97	0.30	0.12
46	5.64	0.48	0.18
47	2.61	0.30	0.12
48	3.55	1.42	0.55
49	2.98	1.69	0.65
51	35.76	12.96	5.00
266	39.03	13.56	5.23
267	8.91	7.12	2.75
268	55.30	12.96	5.00
272	6.55	0.55	0.21
273	5.64	0.47	0.18
274	0.38	0.03	0.01
275	0.50	0.04	0.02
276	0.29	0.02	0.01
277	0.32	0.03	0.01
278	0.05	0.00	0.00
279	0.06	0.00	0.00
319	10.63	7.29	2.81
344	4.61	14.15	5.46
357	2.76	0.23	0.09
359	4.97	0.91	0.35
394	5.88	0.49	0.19
446	71.55	11.67	4.50
447	0.00	0.00	0.00
465	3.10	13.29	5.13
501	26.39	21.07	8.13

ALTERNATIVA 7
UTENZE

DENOMINAZIONE	Rich.Ini. [Mmc/anno]	Deficit.Medio [Mmc/anno]	Def.MAX [Mmc/anno]	Erog.Netta Interna [Mmc/anno]	Erog.Netta Esterna [Mmc/anno]
D10-Chilivani	54.67	0.00		54.67	
D11-Monte Lerno	5.64	0.00		5.64	
D12-Monte Agnese	5.04	0.00		5.04	
D13-Sos Canales	3.58	0.00		3.58	
D14-Alghero	1.05	0.00		1.05	
D15-Badesi	4.97	0.00		4.97	
D16-Perfugas	0.00	0.00		0.00	
D17-Perfugas	6.03	0.00		6.03	
D1-Bassa valle Casteldoria	6.82	0.00		6.82	
D3-Lu Bagnu	2.38	0.00		2.38	
D4-Porto Torres	16.84	0.00		16.84	
D5-Pedra Niedda	0.53	0.00		0.53	
D6-Truncu Reale	22.16	0.00		22.16	
D7-Bidighinzu	6.31	0.00		6.31	
D8-18-Nurra	57.88	0.00		57.88	
D9-Schema n°12	1.60	0.00		1.60	
DMV-S1	6.55	0.00		6.55	
DMV-S2	5.64	0.00		5.64	
DMV-S3	0.38	0.00		0.38	
DMV-S4	0.50	0.00		0.50	
DMV-S5	0.29	0.00		0.29	
DMV-S6	0.32	0.00		0.32	
DMV-S7	0.05	0.00		0.05	
DMV-S8	0.06	0.00		0.06	
DP34	0.00	0.00		0.00	
DS5	139.99	68.44	139.99		71.55
TOTALE				209.28	71.55