

Componente Acque Superficiali – Allegato 2C**Verifica stato attuale**

Tabella 2.C.1 - Verifica dello stato attuale tempo di ritorno 30 anni, superficie libera massima.

Codice Sezioni	h_{max} moto vario [m s.l.m.m.]	z argine sinistro [m s.l.m.m.]	Δh moto vario sx [m]	z argine destro [m s.l.m.m.]	Δh moto vario dx [m]	progr. [m]
OMBR001	138.71	139.74		141.71		0.00
OMBR002	134.37	134.06	0.31	134.08	0.29	345.41
OMBR003	134.36	134.06	0.30	135.25		415.60
OMBR004	133.98	134.06		135.25		416.10
OMBR005	133.71	134.06		135.25		423.10
OMBR006	133.21	134.06		135.25		423.60
OMBR007	131.45	131.46		133.05		493.24
OMBR008	131.05	131.36		132.24		574.70
OMBR009	129.73	131.35		132.23		579.32
OMBR010	128.15	129.99		130.64		665.79
OMBR011	127.24	129.3		129.36		742.41
OMBR012	126.42	128.37		128.29		807.39
OMBR013	125.85	127.11		126.66		881.00
OMBR014	125.47	126.93		126.39		909.16
OMBR015	125.86	126.64		125.79	0.08	935.58
OMBR016	124.96	125.61		125.87		986.30
OMBR017	124.69	125.61		125.88		986.80
OMBR018	124.48	125.21		125.45		1023.56
OMBR019	124.22	124.95		125.1		1054.84
OMBR020	123.95	124.54		124.64		1115.14
OMBR021	118.48	122.85		122.44		1127.29
OMBR022	121.10	122.85		122.9		1127.79
OMBR023	119.50	121.31		121.75		1182.42
OMBR024	118.88	120.31		121		1232.55
OMBR025	118.35	120.14		120.22		1291.86
OMBR026	116.76	118.75		118.96		1433.08
OMBR027	115.89	118.75		118.96		1433.58
OMBR028	115.52	119.81		118.65		1469.60
OMBR029	114.51	116.74		116.72		1552.01
OMBR029 a	113.80	115.18		113.52		1624.45
OMBR030	113.49	114.31		113.68		1670.38
OMBR031	112.92	113.45		113.84		1716.30
OMBR032	111.54	113.45		113.84		1716.80
OMBR033	112.07	113.38		113.14		1763.21
OMBR034	112.49	113.66		112.96		1812.58
OMBR035	112.25	113.66		112.96		1813.38
OMBR035 a	112.24	113.66		113.15		1833.73
OMBR035 b	112.16	112		113.33		1854.08
OMBR036	112.11	112		113.52		1874.43
OMBR037	111.91	112		113.52		1874.93
OMBR038	111.80	112		113.52		1879.93
OMBR039	111.48	112		113.52		1880.43

QRA – SIA dell'Invaso della Giudea e della cassa di espansione dei Laghi Primavera

OMBR040	110.11	110.42		112.61		1890.23
OMBR041	106.40	110.41		112.6		1897.32
OMBR041				112.6		1907.23
a	106.46	110.41				
OMBR041				111.37		1986.52
b	106.18	109.63				
OMBR041				110.13		2075.73
c	105.63	108.85				
OMBR042	105.14	108.08		108.9		2164.93
OMBR042				107.66		2254.14
a	104.63	107.3				
OMBR042				106.43		2343.34
b	104.08	106.52				
OMBR043	104.17	106.52		106.43		2343.84
OMBR044	104.09	106.52		106.43		2351.84
OMBR045	104.01	106.52		106.43		2352.34
OMBR046	98.37	104.38		102.63		2593.34
OMBR046				100.72		2771.42
a	96.40	101.94				
OMBR046				98.81		2949.49
b	94.45	99.49				
OMBR046				96.9		3127.57
c	92.49	97.05				
OMBR047	90.52	94.61		94.99		3305.64
OMBR048	87.40	92.42		93.43		3589.64
OMBR048				92.57		3666.99
a	86.55	91.79				
OMBR048				91.71		3744.34
b	85.75	91.17				
OMBR048				90.86		3821.69
c	84.98	90.54				
OMBR049	84.29	89.91		90		3899.04
OMBR050	84.58	89.91		90		3899.54
OMBR051	84.57	89.91		90		3906.54
OMBR052	84.27	89.91		90		3907.04
OMBR052				88.83		3986.24
a	83.40	88.92				
OMBR052				87.66		4065.44
b	82.51	87.93				
OMBR052				86.49		4144.64
c	81.66	86.94				
OMBR052				85.32		4223.84
d	80.81	85.95				
OMBR053	80.07	84.96		84.15		4303.04
OMBR053				83.305		4402.83
a	79.19	84.039				
OMBR053				82.46		4502.62
b	78.36	83.117				
OMBR053				81.614		4602.41
c	77.53	82.196				
OMBR053				80.769		4702.20
d	76.70	81.275				
OMBR053				79.924		4801.99
e	75.87	80.353				
OMBR054	75.09	79.432		79.079		4901.77
OMBR054				78.233		5001.56
a	74.36	78.511				

QRA – SIA dell'Invaso della Giudea e della cassa di espansione dei Laghi Primavera

OMBR054 b	73.69	77.589		77.388		5101.35
OMBR055	73.09	76.668		76.543		5201.15
OMBR055 a	72.47	76.2		76.12		5251.04
OMBR056	72.60	76.2		76.12		5251.54
OMBR057	72.45	76.2		76.12		5259.54
OMBR057 a	72.43	76.2		76.12		5260.04
OMBR058	72.26	76.39		75.23		5289.04
OMBR058 a	71.98	75.98		74.98		5346.61
OMBR058 b	71.71	75.57		74.73		5404.18
OMBR058 c	71.43	75.16		74.48		5461.75
OMBR058 d	71.15	74.75		74.22		5519.32
OMBR058 e	70.88	74.34		73.97		5576.90
OMBR059	70.61	73.93		73.72		5634.47
OMBR059 a	70.34	73.52		73.47		5692.04
OMBR059 b	70.05	73.30		72.557		5749.98
OMBR059 c	69.75	73.082		72.1		5807.92
OMBR059 d	69.50	72.863		71.644		5865.85
OMBR059 e	69.28	72.643		71.187		5923.79
OMBR060	69.09	72.424		70.731		5981.73
OMBR060 a	68.71	72.205		70.274		6039.67
OMBR061	69.29	71.986		67.95		6097.62
OMBR061 a	68.77	71.95		70.2		6107.04
OMBR062	68.75	71.95		70.2		6107.54
OMBR063	68.62	71.95		70.2		6117.54
OMBR063 a	67.73	71.95		70.2		6118.24
OMBR063 b	67.44	71.76		70.27		6147.19
OMBR063 c	68.12	71.57		70.35		6176.14
OMBR063 d	68.00	71.39		70.42		6205.09
OMBR064	67.94	71.2		70.5		6234.04
OMBR064 a	67.89	71.13		70.6		6251.54
OMBR064 b	67.84	71.05		70.7		6269.04
OMBR064 c	67.80	70.98		70.8		6286.54
OMBR065	67.78	70.9		70.9		6304.04
OMBR066	67.72	70.9		70.9		6304.54
OMBR067	67.60	70.9		70.9		6314.54

QRA – SIA dell’Invaso della Giudea e della cassa di espansione dei Laghi Primavera

OMBR068	67.09	70.9		70.9		6315.04
OMBR068				70.53		6318.54
a	66.90	70.53				
OMBR068				70.17		6322.04
b	66.72	70.17				
OMBR069	66.54	69.8		69.8		6325.54
OMBR070	66.63	69.8		69.8		6326.04
OMBR071	66.68	69.8		69.8		6334.04
OMBR072	66.58	69.8		69.8		6334.54
OMBR073	66.25	69		69.5		6338.54
OMBR073				69.26		6378.14
a	66.18	68.9				
OMBR073				69.02		6417.74
b	65.97	68.8				
OMBR073				68.78		6457.34
c	65.79	68.7				
OMBR073				68.54		6496.94
d	65.61	68.6				
OMBR074	65.58	68.5		68.3		6536.54
OMBR074				68.24		6581.79
a	65.26	68.39				
OMBR074				68.17		6627.04
b	65.17	68.27				
OMBR074				68.11		6672.29
c	65.01	68.16				
OMBR075	64.94	68.05		68.05		6717.54
OMBR076	64.90	68.05		68.05		6717.74
OMBR077	64.96	68.05		68.05		6719.34
OMBR078	64.87	68.05		68.05		6719.54
OMBR078				68.05		6721.34
a	64.84	68.05				
OMBR078				68.02		6818.44
b	64.51	67.78				
OMBR079	64.16	67.5		68		6915.54
OMBR080	63.58	66.23		66.98		7059.54
OMBR080				66.44		7157.29
a	63.34	65.97				
OMBR081	63.47	65.7		65.9		7255.04
OMBR081				65.77		7300.42
a	63.05	65.67				
OMBR081				65.65		7345.79
b	62.96	65.65				
OMBR081				65.52		7391.17
c	62.89	65.62				
OMBR082	62.82	65.6		65.4		7436.54
OMBR082				64.8		7478.04
a	62.75	65.23				
OMBR082				64.2		7519.54
b	62.66	64.85				
OMBR082				63.6		7561.04
c	62.56	64.47				
OMBR083	62.47	64.1		63		7602.54
OMBR084	62.36	64.1		63		7603.54
OMBR085	61.85	64.1		63		7641.54
OMBR086	60.93	64.1		63		7642.14
OMBR086				63.04		7696.27
a	60.12	63.52				

OMBR086 b	61.89	62.93		63.09		7750.41
OMBR087	61.10	63.61		64.39		7804.54
OMBR087 a	61.06	62.73		63.16		7873.04
OMBR088	60.96	63.1		63.2		7941.54
OMBR088 a	60.83	62.94		63.05		7982.79
OMBR088 b	60.70	62.79		62.9		8024.04
OMBR088 c	60.57	62.63		62.75		8065.29
OMBR089	60.44	62.47		62.6		8106.54
OMBR090	60.08	61.9		62		8327.54
OMBR091	59.27	62		61.3		8529.54

Tabella 2.C.2 - Verifica dello stato attuale tempo di ritorno 30 anni, dinamica d'alveo. I valori dei massimi scavi e/o depositi sono valutati rispetto alla quota iniziale del fondo.

Codice Sezioni	z fondo iniziale [m s.l.m.m.]	z fondo finale [m s.l.m.m.]	Δz massimo deposito [m]	Δz massima erosione [m]	progr. [m]
OMBR001	136.21	136.21	0.00	0.00	0.00
OMBR002	130.77	132.58	2.07	0.00	345.41
OMBR003	131.09	130.95	0.07	-0.41	415.60
OMBR004	131.09	130.78	0.00	-0.50	416.10
OMBR005	131.09	130.64	0.00	-0.50	423.10
OMBR006	131.09	130.78	0.00	-0.50	423.60
OMBR007	129.18	129.49	0.31	-1.11	493.24
OMBR008	129.33	128.79	0.00	-2.61	574.70
OMBR009	126.42	128.70	2.28	0.00	579.32
OMBR010	125.23	126.60	1.37	0.00	665.79
OMBR011	124.73	125.64	0.92	0.00	742.41
OMBR012	123.74	124.40	0.66	-0.04	807.39
OMBR013	123.21	123.76	0.55	0.00	881.00
OMBR014	123.33	123.62	0.33	0.00	909.16
OMBR015	122.76	122.83	0.07	-0.21	935.58
OMBR016	123.34	123.35	0.28	0.00	986.30
OMBR017	122.18	122.78	0.60	0.00	986.80
OMBR018	121.88	122.53	0.76	0.00	1023.56
OMBR019	121.85	122.17	0.38	0.00	1054.84
OMBR020	122.09	122.09	0.00	0.00	1115.14
OMBR021	116.78	116.78	0.00	0.00	1127.29
OMBR022	118.51	118.51	0.00	0.00	1127.79
OMBR023	115.93	114.55	0.00	-2.11	1182.42
OMBR024	115.99	115.76	0.05	-0.36	1232.55
OMBR025	115.56	115.49	0.09	-0.14	1291.86
OMBR026	113.91	113.91	0.00	0.00	1433.08
OMBR027	114.37	114.37	0.00	0.00	1433.58
OMBR028	113.98	113.67	0.00	-0.58	1469.60
OMBR029	112.40	112.90	0.58	0.00	1552.01
OMBR029a	111.14	112.00	0.87	-0.03	1624.45
OMBR030	111.24	112.24	1.00	0.00	1670.38
OMBR031	111.33	111.33	0.00	0.00	1716.30
OMBR032	109.85	110.48	0.63	0.00	1716.80

QRA – SIA dell'Invaso della Giudea e della cassa di espansione dei Laghi Primavera

OMBR033	109.01	109.54	0.53	0.00	1763.21
OMBR034	109.58	110.36	0.91	0.00	1812.58
OMBR035	108.93	110.14	1.29	0.00	1813.38
OMBR035a	109.22	110.05	0.83	0.00	1833.73
OMBR035b	109.51	109.94	0.44	0.00	1854.08
OMBR036	109.80	109.92	0.20	0.00	1874.43
OMBR037	109.80	109.83	0.05	0.00	1874.93
OMBR038	109.80	109.80	0.00	0.00	1879.93
OMBR039	109.80	109.80	0.00	0.00	1880.43
OMBR040	109.32	109.32	0.00	0.00	1890.23
OMBR041	105.45	105.45	0.00	0.00	1897.32
OMBR041a	105.38	105.08	0.00	-0.36	1907.23
OMBR041b	104.82	104.73	0.00	-0.11	1986.52
OMBR041c	104.20	104.18	0.02	-0.05	2075.73
OMBR042	103.57	103.51	0.00	-0.06	2164.93
OMBR042a	102.95	102.90	0.00	-0.06	2254.14
OMBR042b	102.32	102.41	0.10	0.00	2343.34
OMBR043	102.32	102.36	0.07	0.00	2343.84
OMBR044	102.32	102.32	0.00	0.00	2351.84
OMBR045	102.32	101.11	0.00	-1.21	2352.34
OMBR046	96.12	95.94	0.68	-0.18	2593.34
OMBR046a	94.21	94.33	0.25	-0.03	2771.42
OMBR046b	92.29	92.40	0.12	-0.02	2949.49
OMBR046c	90.38	90.45	0.07	-0.02	3127.57
OMBR047	88.46	88.49	0.03	0.00	3305.64
OMBR048	85.44	85.45	0.06	-0.01	3589.64
OMBR048a	84.81	84.87	0.09	0.00	3666.99
OMBR048b	84.17	84.27	0.11	0.00	3744.34
OMBR048c	83.54	83.66	0.12	0.00	3821.69
OMBR049	82.90	83.03	0.16	0.00	3899.04
OMBR050	82.90	82.99	0.12	-0.05	3899.54
OMBR051	82.90	82.90	0.06	-0.13	3906.54
OMBR052	82.90	82.94	0.07	-0.07	3907.04
OMBR052a	81.88	81.87	0.00	-0.10	3986.24
OMBR052b	80.86	80.83	0.00	-0.08	4065.44
OMBR052c	79.85	79.84	0.00	-0.05	4144.64
OMBR052d	78.83	78.93	0.10	0.00	4223.84
OMBR053	77.81	78.05	0.24	0.00	4303.04
OMBR053a	77.00	77.15	0.15	0.00	4402.83
OMBR053b	76.19	76.27	0.08	0.00	4502.62
OMBR053c	75.38	75.43	0.05	0.00	4602.41
OMBR053d	74.57	74.64	0.07	-0.01	4702.20
OMBR053e	73.76	73.86	0.10	-0.03	4801.99
OMBR054	72.95	73.12	0.17	0.00	4901.77
OMBR054a	72.14	72.41	0.27	0.00	5001.56
OMBR054b	71.33	71.76	0.43	0.00	5101.35
OMBR055	70.53	71.17	0.64	0.00	5201.15
OMBR055a	70.12	70.22	0.12	0.00	5251.04
OMBR056	70.12	70.18	0.10	0.00	5251.54
OMBR057	70.12	70.14	0.05	0.00	5259.54
OMBR057a	70.12	70.18	0.07	0.00	5260.04
OMBR058	69.93	70.09	0.16	-0.01	5289.04
OMBR058a	69.77	69.90	0.13	-0.01	5346.61
OMBR058b	69.61	69.73	0.12	0.00	5404.18
OMBR058c	69.45	69.55	0.10	0.00	5461.75
OMBR058d	69.28	69.36	0.08	0.00	5519.32
OMBR058e	69.12	69.18	0.06	0.00	5576.90

QRA – SIA dell’Invaso della Giudea e della cassa di espansione dei Laghi Primavera

OMBR059	68.96	69.00	0.04	0.00	5634.47
OMBR059a	68.80	68.82	0.02	-0.03	5692.04
OMBR059b	68.47	68.47	0.00	-0.06	5749.98
OMBR059c	68.14	68.15	0.01	-0.07	5807.92
OMBR059d	67.82	67.89	0.07	-0.05	5865.85
OMBR059e	67.49	67.65	0.16	0.00	5923.79
OMBR060	67.16	67.44	0.29	0.00	5981.73
OMBR060a	66.83	67.18	0.35	0.00	6039.67
OMBR061	66.50	66.85	0.35	0.00	6097.62
OMBR061a	66.45	66.82	0.41	0.00	6107.04
OMBR062	66.45	66.46	0.03	0.00	6107.54
OMBR063	66.45	66.45	0.00	0.00	6117.54
OMBR063a	66.45	66.45	0.00	0.00	6118.24
OMBR063b	66.34	66.03	0.00	-0.33	6147.19
OMBR063c	66.23	66.29	0.06	-0.03	6176.14
OMBR063d	66.11	66.25	0.14	0.00	6205.09
OMBR064	66.00	66.21	0.21	0.00	6234.04
OMBR064a	65.88	66.07	0.19	0.00	6251.54
OMBR064b	65.75	65.93	0.18	0.00	6269.04
OMBR064c	65.63	65.78	0.16	0.00	6286.54
OMBR065	65.50	65.63	0.13	0.00	6304.04
OMBR066	65.50	65.51	0.01	0.00	6304.54
OMBR067	65.50	65.50	0.00	0.00	6314.54
OMBR068	65.50	65.50	0.00	0.00	6315.04
OMBR068a	65.50	65.50	0.00	0.00	6318.54
OMBR068b	65.50	65.50	0.00	0.00	6322.04
OMBR069	65.50	65.50	0.00	0.00	6325.54
OMBR070	65.50	65.50	0.00	0.00	6326.04
OMBR071	65.50	65.50	0.00	0.00	6334.04
OMBR072	65.50	65.50	0.00	0.00	6334.54
OMBR073	65.50	63.77	0.00	-1.73	6338.54
OMBR073a	65.02	64.57	0.00	-0.45	6378.14
OMBR073b	64.54	64.35	0.00	-0.20	6417.74
OMBR073c	64.06	64.12	0.13	0.00	6457.34
OMBR073d	63.58	63.87	0.34	0.00	6496.94
OMBR074	63.10	63.66	0.59	0.00	6536.54
OMBR074a	62.92	63.32	0.40	0.00	6581.79
OMBR074b	62.73	62.95	0.24	0.00	6627.04
OMBR074c	62.55	62.61	0.06	-0.01	6672.29
OMBR075	62.36	62.31	0.01	-0.11	6717.54
OMBR076	62.36	62.26	0.00	-0.15	6717.74
OMBR077	62.36	62.24	0.00	-0.17	6719.34
OMBR078	62.36	62.31	0.04	-0.09	6719.54
OMBR078a	62.36	62.28	0.02	-0.08	6721.34
OMBR078b	62.11	61.82	0.00	-0.29	6818.44
OMBR079	61.85	61.84	0.05	-0.02	6915.54
OMBR080	61.28	60.97	0.00	-0.34	7059.54
OMBR080a	60.82	61.04	0.22	0.00	7157.29
OMBR081	60.35	61.06	0.72	0.00	7255.04
OMBR081a	60.31	60.81	0.50	0.00	7300.42
OMBR081b	60.28	60.55	0.27	0.00	7345.79
OMBR081c	60.24	60.28	0.04	-0.11	7391.17
OMBR082	60.20	60.02	0.00	-0.28	7436.54
OMBR082a	59.96	59.74	0.00	-0.27	7478.04
OMBR082b	59.71	59.56	0.01	-0.17	7519.54
OMBR082c	59.47	59.54	0.17	0.00	7561.04
OMBR083	59.22	59.57	0.39	0.00	7602.54

OMBR084	59.22	59.22	0.16	0.00	7603.54
OMBR085	59.22	59.22	0.00	0.00	7641.54
OMBR086	59.22	59.22	0.00	0.00	7642.14
OMBR086a	57.71	57.89	0.35	0.00	7696.27
OMBR086b	56.19	56.93	0.74	0.00	7750.41
OMBR087	56.08	55.76	0.00	-0.40	7804.54
OMBR087a	55.94	56.27	0.33	0.00	7873.04
OMBR088	57.20	56.89	0.00	-0.31	7941.54
OMBR088a	57.06	56.80	0.00	-0.26	7982.79
OMBR088b	56.92	56.69	0.00	-0.23	8024.04
OMBR088c	56.78	56.55	0.00	-0.23	8065.29
OMBR089	56.64	56.38	0.00	-0.26	8106.54
OMBR090	56.50	56.62	0.12	0.00	8327.54
OMBR091	56.42	56.42	0.00	0.00	8529.54

Tabella 2.C.3 - Verifica dello stato attuale tempo di ritorno 200 anni, superficie libera massima.

Codice Sezioni	h_{max} moto vario [m s.l.m.m.]	z argine sinistro [m s.l.m.m.]	Δh moto vario sx [m]	z argine destro [m s.l.m.m.]	Δh moto vario dx [m]	progr. [m]
OMBR001	139.41	139.74		141.71		0.00
OMBR002	135.08	134.06	1.02	134.08	1.00	345.41
OMBR003	134.36	134.06	0.30	135.25		415.60
OMBR004	133.98	134.06		135.25		416.10
OMBR005	133.71	134.06		135.25		423.10
OMBR006	133.21	134.06		135.25		423.60
OMBR007	131.45	131.46		133.05		493.24
OMBR008	131.05	131.36		132.24		574.70
OMBR009	130.41	131.35		132.23		579.32
OMBR010	128.79	129.99		130.64		665.79
OMBR011	127.81	129.3		129.36		742.41
OMBR012	126.92	128.37		128.29		807.39
OMBR013	125.99	127.11		126.66		881.00
OMBR014	125.86	126.93		126.39		909.16
OMBR015	125.86	126.64		125.79	0.07	935.58
OMBR016	125.52	125.61		125.87		986.30
OMBR017	125.49	125.61		125.88		986.80
OMBR018	124.78	125.21		125.45		1023.56
OMBR019	124.36	124.95		125.1		1054.84
OMBR020	123.95	124.54		124.64		1115.14
OMBR021	118.48	122.85		122.44		1127.29
OMBR022	121.10	122.85		122.9		1127.79
OMBR023	119.50	121.31		121.75		1182.42
OMBR024	119.26	120.31		121		1232.55
OMBR025	118.46	120.14		120.22		1291.86
OMBR026	116.77	118.75		118.96		1433.08
OMBR027	115.89	118.75		118.96		1433.58
OMBR028	115.52	119.81		118.65		1469.60
OMBR029	115.09	116.74		116.72		1552.01
OMBR029 a	114.52	115.18		113.52		1624.45
OMBR030	114.14	114.31		113.68		1670.38
OMBR031	112.92	113.45		113.84		1716.30
OMBR032	111.78	113.45		113.84		1716.80
OMBR033	112.37	113.38		113.14		1763.21
OMBR034	112.49	113.66		112.96		1812.58

QRA – SIA dell’Invaso della Giudea e della cassa di espansione dei Laghi Primavera

OMBR035	112.29	113.66		112.96		1813.38
OMBR035				113.15		1833.73
a	112.43	113.66				
OMBR035				113.33		1854.08
b	112.18	112				
OMBR036	112.40	112		113.52		1874.43
OMBR037	112.13	112		113.52		1874.93
OMBR038	112.02	112		113.52		1879.93
OMBR039	111.60	112		113.52		1880.43
OMBR040	110.11	110.42		112.61		1890.23
OMBR041	106.40	110.41		112.6		1897.32
OMBR041				112.6		1907.23
a	106.46	110.41				
OMBR041				111.37		1986.52
b	106.53	109.63				
OMBR041				110.13		2075.73
c	105.93	108.85				
OMBR042	105.41	108.08		108.9		2164.93
OMBR042				107.66		2254.14
a	104.94	107.3				
OMBR042				106.43		2343.34
b	104.44	106.52				
OMBR043	104.47	106.52		106.43		2343.84
OMBR044	104.42	106.52		106.43		2351.84
OMBR045	104.01	106.52		106.43		2352.34
OMBR046	98.90	104.38		102.63		2593.34
OMBR046				100.72		2771.42
a	96.90	101.94				
OMBR046				98.81		2949.49
b	94.87	99.49				
OMBR046				96.9		3127.57
c	92.86	97.05				
OMBR047	90.90	94.61		94.99		3305.64
OMBR048	87.64	92.42		93.43		3589.64
OMBR048				92.57		3666.99
a	86.92	91.79				
OMBR048				91.71		3744.34
b	86.15	91.17				
OMBR048				90.86		3821.69
c	85.54	90.54				
OMBR049	84.66	89.91		90		3899.04
OMBR050	84.62	89.91		90		3899.54
OMBR051	84.57	89.91		90		3906.54
OMBR052	84.56	89.91		90		3907.04
OMBR052				88.83		3986.24
a	83.69	88.92				
OMBR052				87.66		4065.44
b	82.79	87.93				
OMBR052				86.49		4144.64
c	81.97	86.94				
OMBR052				85.32		4223.84
d	81.18	85.95				
OMBR053	80.43	84.96		84.15		4303.04
OMBR053				83.305		4402.83
a	79.57	84.039				
OMBR053				82.46		4502.62
b	78.72	83.117				

QRA – SIA dell’Invaso della Giudea e della cassa di espansione dei Laghi Primavera

OMBR053 c	77.91	82.196		81.614		4602.41
OMBR053 d	77.11	81.275		80.769		4702.20
OMBR053 e	76.35	80.353		79.924		4801.99
OMBR054	75.63	79.432		79.079		4901.77
OMBR054 a	74.95	78.511		78.233		5001.56
OMBR054 b	74.34	77.589		77.388		5101.35
OMBR055	73.81	76.668		76.543		5201.15
OMBR055 a	73.06	76.2		76.12		5251.04
OMBR056	73.07	76.2		76.12		5251.54
OMBR057	73.03	76.2		76.12		5259.54
OMBR057 a	72.87	76.2		76.12		5260.04
OMBR058	72.68	76.39		75.23		5289.04
OMBR058 a	72.52	75.98		74.98		5346.61
OMBR058 b	72.25	75.57		74.73		5404.18
OMBR058 c	71.99	75.16		74.48		5461.75
OMBR058 d	71.72	74.75		74.22		5519.32
OMBR058 e	71.45	74.34		73.97		5576.90
OMBR059	71.18	73.93		73.72		5634.47
OMBR059 a	70.92	73.52		73.47		5692.04
OMBR059 b	70.66	73.30		72.557		5749.98
OMBR059 c	70.45	73.082		72.1		5807.92
OMBR059 d	70.23	72.863		71.644		5865.85
OMBR059 e	70.04	72.643		71.187		5923.79
OMBR060	69.88	72.424		70.731		5981.73
OMBR060 a	70.48	72.205		70.274		6039.67
OMBR061	70.36	71.986		67.95		6097.62
OMBR061 a	69.70	71.95		70.2		6107.04
OMBR062	69.53	71.95		70.2		6107.54
OMBR063	69.37	71.95		70.2		6117.54
OMBR063 a	68.27	71.95		70.2		6118.24
OMBR063 b	67.47	71.76		70.27		6147.19
OMBR063 c	68.86	71.57		70.35		6176.14
OMBR063 d	68.79	71.39		70.42		6205.09
OMBR064	68.73	71.2		70.5		6234.04

QRA – SIA dell’Invaso della Giudea e della cassa di espansione dei Laghi Primavera

OMBR064 a	68.68	71.13		70.6		6251.54
OMBR064 b	68.64	71.05		70.7		6269.04
OMBR064 c	68.61	70.98		70.8		6286.54
OMBR065	68.58	70.9		70.9		6304.04
OMBR066	68.46	70.9		70.9		6304.54
OMBR067	68.32	70.9		70.9		6314.54
OMBR068	67.68	70.9		70.9		6315.04
OMBR068 a	67.42	70.53		70.53		6318.54
OMBR068 b	67.20	70.17		70.17		6322.04
OMBR069	67.00	69.8		69.8		6325.54
OMBR070	67.14	69.8		69.8		6326.04
OMBR071	67.20	69.8		69.8		6334.04
OMBR072	67.04	69.8		69.8		6334.54
OMBR073	66.24	69		69.5		6338.54
OMBR073 a	66.94	68.9		69.26		6378.14
OMBR073 b	66.79	68.8		69.02		6417.74
OMBR073 c	66.65	68.7		68.78		6457.34
OMBR073 d	66.50	68.6		68.54		6496.94
OMBR074	66.37	68.5		68.3		6536.54
OMBR074 a	66.20	68.39		68.24		6581.79
OMBR074 b	66.05	68.27		68.17		6627.04
OMBR074 c	65.89	68.16		68.11		6672.29
OMBR075	65.75	68.05		68.05		6717.54
OMBR076	65.80	68.05		68.05		6717.74
OMBR077	65.79	68.05		68.05		6719.34
OMBR078	65.74	68.05		68.05		6719.54
OMBR078 a	65.73	68.05		68.05		6721.34
OMBR078 b	65.44	67.78		68.02		6818.44
OMBR079	65.17	67.5		68		6915.54
OMBR080	64.68	66.23		66.98		7059.54
OMBR080 a	64.57	65.97		66.44		7157.29
OMBR081	64.52	65.7		65.9		7255.04
OMBR081 a	64.48	65.67		65.77		7300.42
OMBR081 b	64.45	65.65		65.65		7345.79
OMBR081 c	64.43	65.62		65.52		7391.17
OMBR082	64.38	65.6		65.4		7436.54
OMBR082 a	64.33	65.23		64.8		7478.04
OMBR082	64.26	64.85		64.2		7519.54

b					
OMBR082				63.6	7561.04
c	64.19	64.47			
OMBR083	64.12	64.1		63	7602.54
OMBR084	63.68	64.1		63	7603.54
OMBR085	63.05	64.1		63	7641.54
OMBR086	61.66	64.1		63	7642.14
OMBR086				63.04	7696.27
a	61.00	63.52			
OMBR086				63.09	7750.41
b	63.27	62.93			
OMBR087	62.42	63.61		64.39	7804.54
OMBR087				63.16	7873.04
a	62.26	62.73			
OMBR088	62.13	63.1		63.2	7941.54
OMBR088				63.05	7982.79
a	62.00	62.94			
OMBR088				62.9	8024.04
b	61.88	62.79			
OMBR088				62.75	8065.29
c	61.75	62.63			
OMBR089	61.64	62.47		62.6	8106.54
OMBR090	61.14	61.9		62	8327.54
OMBR091	60.42	62		61.3	8529.54

Tabella 2.C.4 - Verifica dello stato attuale tempo di ritorno 200 anni, dinamica d'alveo. I valori dei massimi scavi e/o depositi sono valutati rispetto alla quota iniziale del fondo.

Codice Sezioni	z fondo iniziale [m s.l.m.m.]	z fondo finale [m s.l.m.m.]	Δz massimo deposito [m]	Δz massima erosione [m]	progr. [m]
OMBR001	136.21	136.21	0.00	0.00	0.00
OMBR002	130.77	132.75	2.44	0.00	345.41
OMBR003	131.09	131.18	0.09	-0.41	415.60
OMBR004	131.09	131.03	0.00	-0.50	416.10
OMBR005	131.09	130.90	0.00	-0.50	423.10
OMBR006	131.09	131.03	0.00	-0.50	423.60
OMBR007	129.18	129.80	0.62	-1.38	493.24
OMBR008	129.33	129.10	0.00	-2.61	574.70
OMBR009	126.42	129.02	2.61	0.00	579.32
OMBR010	125.23	126.88	1.65	0.00	665.79
OMBR011	124.73	125.88	1.17	0.00	742.41
OMBR012	123.74	124.62	0.88	-0.04	807.39
OMBR013	123.21	123.94	0.73	-0.01	881.00
OMBR014	123.33	123.77	0.50	0.00	909.16
OMBR015	122.76	122.97	0.21	-0.30	935.58
OMBR016	123.34	123.45	0.63	0.00	986.30
OMBR017	122.18	122.87	0.86	0.00	986.80
OMBR018	121.88	122.58	0.86	0.00	1023.56
OMBR019	121.85	122.21	0.43	0.00	1054.84
OMBR020	122.09	122.09	0.00	0.00	1115.14
OMBR021	116.78	116.78	0.00	0.00	1127.29
OMBR022	118.51	118.51	0.00	0.00	1127.79
OMBR023	115.93	114.87	0.00	-2.82	1182.42
OMBR024	115.99	115.87	0.24	-0.29	1232.55
OMBR025	115.56	115.72	0.24	-0.10	1291.86

QRA – SIA dell’Invaso della Giudea e della cassa di espansione dei Laghi Primavera

OMBR026	113.91	113.91	0.00	0.00	1433.08
OMBR027	114.37	114.37	0.00	0.00	1433.58
OMBR028	113.98	113.91	0.00	-0.71	1469.60
OMBR029	112.40	113.18	0.93	0.00	1552.01
OMBR029a	111.14	112.31	1.24	-0.02	1624.45
OMBR030	111.24	112.50	1.28	0.00	1670.38
OMBR031	111.33	111.33	0.00	0.00	1716.30
OMBR032	109.85	110.60	0.75	0.00	1716.80
OMBR033	109.01	109.56	0.55	0.00	1763.21
OMBR034	109.58	110.40	0.92	0.00	1812.58
OMBR035	108.93	110.13	1.20	0.00	1813.38
OMBR035a	109.22	110.01	0.81	0.00	1833.73
OMBR035b	109.51	109.93	0.55	0.00	1854.08
OMBR036	109.80	109.91	0.27	0.00	1874.43
OMBR037	109.80	109.83	0.04	0.00	1874.93
OMBR038	109.80	109.80	0.00	0.00	1879.93
OMBR039	109.80	109.80	0.00	0.00	1880.43
OMBR040	109.32	109.32	0.00	0.00	1890.23
OMBR041	105.45	105.45	0.00	0.00	1897.32
OMBR041a	105.38	104.78	0.00	-0.89	1907.23
OMBR041b	104.82	104.81	0.20	-0.08	1986.52
OMBR041c	104.20	104.26	0.06	-0.03	2075.73
OMBR042	103.57	103.57	0.00	-0.05	2164.93
OMBR042a	102.95	102.92	0.00	-0.05	2254.14
OMBR042b	102.32	102.39	0.10	0.00	2343.34
OMBR043	102.32	102.36	0.08	0.00	2343.84
OMBR044	102.32	102.32	0.00	0.00	2351.84
OMBR045	102.32	100.55	0.00	-1.78	2352.34
OMBR046	96.12	95.48	0.69	-0.64	2593.34
OMBR046a	94.21	94.22	0.28	-0.04	2771.42
OMBR046b	92.29	92.36	0.14	-0.02	2949.49
OMBR046c	90.38	90.44	0.07	-0.01	3127.57
OMBR047	88.46	88.48	0.03	0.00	3305.64
OMBR048	85.44	85.42	0.04	-0.13	3589.64
OMBR048a	84.81	84.88	0.07	0.00	3666.99
OMBR048b	84.17	84.32	0.15	0.00	3744.34
OMBR048c	83.54	83.73	0.25	0.00	3821.69
OMBR049	82.90	83.13	0.26	0.00	3899.04
OMBR050	82.90	83.12	0.22	-0.04	3899.54
OMBR051	82.90	83.05	0.15	-0.12	3906.54
OMBR052	82.90	83.06	0.17	-0.05	3907.04
OMBR052a	81.88	81.98	0.10	-0.07	3986.24
OMBR052b	80.86	80.95	0.09	-0.06	4065.44
OMBR052c	79.85	79.96	0.12	-0.04	4144.64
OMBR052d	78.83	79.02	0.19	0.00	4223.84
OMBR053	77.81	78.14	0.33	0.00	4303.04
OMBR053a	77.00	77.24	0.24	0.00	4402.83
OMBR053b	76.19	76.38	0.19	0.00	4502.62
OMBR053c	75.38	75.56	0.18	0.00	4602.41
OMBR053d	74.57	74.78	0.21	-0.01	4702.20
OMBR053e	73.76	74.02	0.26	-0.03	4801.99
OMBR054	72.95	73.30	0.35	0.00	4901.77
OMBR054a	72.14	72.62	0.48	0.00	5001.56
OMBR054b	71.33	71.99	0.66	0.00	5101.35
OMBR055	70.53	71.42	0.89	0.00	5201.15
OMBR055a	70.12	70.20	0.17	0.00	5251.04
OMBR056	70.12	70.16	0.13	0.00	5251.54

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OMBR057	70.12	70.12	0.03	0.00	5259.54
OMBR057a	70.12	70.12	0.04	0.00	5260.04
OMBR058	69.93	69.94	0.12	0.00	5289.04
OMBR058a	69.77	69.83	0.09	0.00	5346.61
OMBR058b	69.61	69.68	0.08	0.00	5404.18
OMBR058c	69.45	69.52	0.07	0.00	5461.75
OMBR058d	69.28	69.37	0.09	0.00	5519.32
OMBR058e	69.12	69.22	0.10	0.00	5576.90
OMBR059	68.96	69.08	0.12	0.00	5634.47
OMBR059a	68.80	68.94	0.14	-0.02	5692.04
OMBR059b	68.47	68.63	0.16	-0.05	5749.98
OMBR059c	68.14	68.34	0.20	-0.06	5807.92
OMBR059d	67.82	68.11	0.29	-0.04	5865.85
OMBR059e	67.49	67.90	0.41	0.00	5923.79
OMBR060	67.16	67.72	0.56	0.00	5981.73
OMBR060a	66.83	67.56	0.74	0.00	6039.67
OMBR061	66.50	67.35	0.85	0.00	6097.62
OMBR061a	66.45	66.87	0.56	0.00	6107.04
OMBR062	66.45	66.48	0.04	0.00	6107.54
OMBR063	66.45	66.45	0.00	0.00	6117.54
OMBR063a	66.45	66.45	0.00	0.00	6118.24
OMBR063b	66.34	65.85	0.00	-0.50	6147.19
OMBR063c	66.23	66.33	0.12	-0.02	6176.14
OMBR063d	66.11	66.30	0.20	0.00	6205.09
OMBR064	66.00	66.26	0.28	0.00	6234.04
OMBR064a	65.88	66.10	0.26	0.00	6251.54
OMBR064b	65.75	65.97	0.23	0.00	6269.04
OMBR064c	65.63	65.82	0.20	0.00	6286.54
OMBR065	65.50	65.64	0.18	0.00	6304.04
OMBR066	65.50	65.54	0.06	0.00	6304.54
OMBR067	65.50	65.50	0.00	0.00	6314.54
OMBR068	65.50	65.50	0.00	0.00	6315.04
OMBR068a	65.50	65.50	0.00	0.00	6318.54
OMBR068b	65.50	65.50	0.00	0.00	6322.04
OMBR069	65.50	65.50	0.00	0.00	6325.54
OMBR070	65.50	65.50	0.00	0.00	6326.04
OMBR071	65.50	65.50	0.00	0.00	6334.04
OMBR072	65.50	65.50	0.00	0.00	6334.54
OMBR073	65.50	63.35	0.00	-2.19	6338.54
OMBR073a	65.02	64.56	0.00	-0.48	6378.14
OMBR073b	64.54	64.32	0.00	-0.23	6417.74
OMBR073c	64.06	64.08	0.16	0.00	6457.34
OMBR073d	63.58	63.85	0.38	0.00	6496.94
OMBR074	63.10	63.64	0.63	0.00	6536.54
OMBR074a	62.92	63.30	0.45	0.00	6581.79
OMBR074b	62.73	62.95	0.25	0.00	6627.04
OMBR074c	62.55	62.61	0.09	-0.01	6672.29
OMBR075	62.36	62.30	0.00	-0.11	6717.54
OMBR076	62.36	62.27	0.00	-0.19	6717.74
OMBR077	62.36	62.25	0.00	-0.18	6719.34
OMBR078	62.36	62.33	0.03	-0.09	6719.54
OMBR078a	62.36	62.32	0.02	-0.09	6721.34
OMBR078b	62.11	61.82	0.00	-0.31	6818.44
OMBR079	61.85	61.85	0.06	-0.04	6915.54
OMBR080	61.28	60.92	0.00	-0.49	7059.54
OMBR080a	60.82	61.16	0.34	0.00	7157.29
OMBR081	60.35	61.29	1.04	0.00	7255.04

QRA – SIA dell’Invaso della Giudea e della cassa di espansione dei Laghi Primavera

OMBR081a	60.31	61.02	0.79	0.00	7300.42
OMBR081b	60.28	60.76	0.51	0.00	7345.79
OMBR081c	60.24	60.46	0.25	-0.11	7391.17
OMBR082	60.20	60.18	0.00	-0.30	7436.54
OMBR082a	59.96	59.88	0.00	-0.27	7478.04
OMBR082b	59.71	59.64	0.01	-0.17	7519.54
OMBR082c	59.47	59.49	0.17	-0.01	7561.04
OMBR083	59.22	59.49	0.42	0.00	7602.54
OMBR084	59.22	59.22	0.16	0.00	7603.54
OMBR085	59.22	59.22	0.00	0.00	7641.54
OMBR086	59.22	59.22	0.00	0.00	7642.14
OMBR086a	57.71	57.71	0.43	0.00	7696.27
OMBR086b	56.19	56.66	0.50	0.00	7750.41
OMBR087	56.08	55.26	0.00	-0.90	7804.54
OMBR087a	55.94	55.97	0.28	0.00	7873.04
OMBR088	57.20	56.66	0.00	-0.54	7941.54
OMBR088a	57.06	56.59	0.00	-0.47	7982.79
OMBR088b	56.92	56.47	0.00	-0.45	8024.04
OMBR088c	56.78	56.33	0.00	-0.45	8065.29
OMBR089	56.64	56.17	0.00	-0.47	8106.54
OMBR090	56.50	56.50	0.00	-0.08	8327.54
OMBR091	56.42	56.42	0.00	0.00	8529.54