

Supplementary material

Table S1a: Bottled waters considered in this paper (code number; brand name; location; isotopic composition in oxygen and deuterium; reference).

No	Brand name	Location	$\delta^{18}\text{O}$ (‰) SMOW	δD (‰) SMOW	Reference
1	Sangemini	San Gemini (TR)	-6.9	-46	Raco <i>et al.</i> , 2013
2	Sant'Anna	Vinadio (CN)	-12.9	-94	
3	Frasassi	Genga (AN)	-8.5	-58	
4	Norda	Primaluna (LC)	-9.2	-64	
5	Lilia	Rionero in Vulture (PZ)	-9.6	-62	
6	Acqua Panna	Scarpiera (FI)	-7.9	-53	
7	Toka	Monticchio Bagni (PZ)	-8.3	-54	
8	Acqua Conad	Cervarezza Terme (RE)	-9.8	-67	
9	Ferrarelle	Riardo (CE)	-6.8	-44	
10	Guizza	Scorzè (VE)	-8.8	-63	
11	Fonte Aretina	Monte San Savino (AR)	-7.5	-49	
12	Lete	Pratella (CE)	-6.6	-40	
13	Fiuggi	Fiuggi (FR)	-7.3	-47	
14	S. Pellegrino	San Pellegrino Terme (BG)	-9.1	-64	
15	Montecimone	Fanano (MO)	-9.4	-67	
16	San Benedetto	Scorzè (VE)	-8.4	-59	
17	Levissima	Valdisotto (SO)	-11.4	-84	
18	Santafiora	Monte San Savino (AR)	-7.4	-49	
19	Vera	San Giorgio in Bosco (PD)	-8.6	-60	
20	Lieve	Gubbio (PG)	-8.3	-53	
21	Fonte Ilaria	Pescaglia (LU)	-6.5	-42	
22	San Carlo	Massa (MS)	-6.8	-45	
23	San Francesco	Cadorago (CO)	-8.9	-64	
24	Vitasnella	Darfo Boario Terme (BS)	-8.7	-59	
25	Uliveto	Vicopisano (PI)	-6.3	-39	
26	Fonte Bianca	Pracchia (PT)	-7.9	-52	
27	Bedonia	Bedonia (PR)	-8.7	-59	
28	Acqua Silva	Pracchia (PT)	-7.9	-54	
29	Amorosa	Massa (MS)	-6.9	-49	
30	Felicia	Monticchio Bagni (PZ)	-9.4	-61	

31	Tesorino	Montopoli in Val D'Arno (PI)	-6.5	-42	
32	Rocchetta	Gualdo Tadino (PG)	-9	-60	
33	Valmora	Luserna (TO)	-11.1	-80	
34	Paradiso	Pocenia (UD)	-8.4	-59	
35	Claudia	Sabazia (RM)	-5.5	-36	
36	Neve	Cadorago (CO)	-8.6	-60	
37	S. Bernardo	Garessio (CN)	-10.8	-76	
38	Perla	Monte San Savino (AR)	-7.5	-49	
39	Monteverde	Pracchia (PT)	-8.1	-55	
40	Gaudianello	Melfi (PZ)	-9.4	-61	
41	Effevisa	San Gemini (TR)	-7.1	-47	
42	Azzurra	Torrebelvicino (VI)	-9.1	-63	
43	Mont Blanc	Morgex (AO)	-13.8	-99	
44	Goccia Viva	Pescaglia (LU)	-6.6	-45	
45	Dolomiti	Valli del Pasubio (VI)	-9.6	-67	
46	Acqua di Nepi	Nepi (VT)	-6.4	-41	
47	Fonte S. Vittoria	Villa (IM)	-9.8	-69	
48	Sparea	Luserna (TO)	-11.1	-77	
49	Azzurrina	Careggine (LU)	-8.3	-54	
50	Alpi Cozie	Luserna (TO)	-11.6	-82	
51	Balda	Bagolino (BS)	-9.5	-66	
52	Lynx	Bedonia (PR)	-8.9	-62	
53	Guizza	Scorzè (VE)	-8.15	-58	Brencic and Vrenca, 2006
54	Spar Sorgente Linda	Salò (BS)	-7.85	-55	
55	Primula	Spinone al Lago (BG)	-8	-54	
56	San Antonio	Cadorago (CO)	-8.4	-56	
57	Primula	Spinone al Lago (BG)	-7.8	-51	
58	Guizza Silles	Scorzè (VE)	-8.2	-57	
59	San Antonio	Cadorago (CO)	-8.5	-55	
60	Zaros	Heraklion	-7.88	-50.33	Dotsika ^{et al.} , 2010
61	Nera Kritis	Varipetro Therisso Chania	-8.7	-51.84	
62	Avra	Avra, Aegion	-8.22	-49.87	
63	Rioba	Rododafni, Aegion	-7.98	-51.33	
64	Krinea	Kalians, Korinthias	-9.08	-61.5	
65	Yas	Kalians, Korinthias	-9.02	-60.1	
66	Loutraki Provis	Loutraki	-7.66	-50.49	
67	Loutraki Ivi	Loutraki	-6.9	-46.46	
68	Sariza	Andros Island	-8.06	-50.05	
69	Korpi	Monastiraki, Vonitsa	-7.49	-55.62	

70	Ioli	Moschochori, Fthiotida	-9.25	-61.7	
71	Evdoro	Mexiatai, Yptai, Fthiotida	-9.77	-67.47	
72	Velouchi	Velouchi, Evritania	-9.88	-67.16	
73	Vikos	Ioannina	-7.86	-52.19	
74	Zagorochoria	Ioannina	-8.07	-54.08	
75	Zagori	Kranoula, Ioannina	-8.19	-51.92	
76	Eviva	Ioannina	-8.19	-52.86	
77	Marara	Zagorochoria, Ioannina	-7.9	-52.75	
78	Physiko Nero AB	Ioannina	-8.16	-52.31	
79	Mitsikeli	Ioannina	-8.07	-53.48	
80	Ydor Sourotis	Souroti, Thessaloniki	-7.82	-51.19	
81	Daly Drink Water	Souroti, Thessaloniki	-7.78	-52.27	
82	Drossia	Drosia, Edessa	-9.12	-61.2	
83	Athos	Akonorachi, Poligiros, Chalkidiki	-8.16	-54.6	
84	Pigi Paikou	Axioupolis, Kilkis	-9.1	-62.53	Brencic <i>et al.</i> , 2010
85	Donat Mg	Podplat	-11.9	-77	
86	Donat Mg	Podplat	-11.95	-78	
87	Tempel	Rogaska Slatina	-10.5	-71	
88	Tempel	Rogaska Slatina	-10.4	-70	
89	Edina	Rogaska Slatina	-10.45	-71	
90	Classic	Radenci	-10.7	-74	
91	Classic	Radenci	-10.65	-75	
92	Light Miral	Radenci	-11.35	-81	
93	Stirna	Kranj	-9.35	-62	
94	Stirna	Kranj	-9.35	-61	
95	Radin	Radenci	-9.9	-72	
96	Radin	Radenci	-9.95	-70	
97	Izvir	Radenci	-9.85	-69	
98	Iva	Radenci	-9.35	-67	
99	Iva	Radenci	-9.45	-66	
100	Iva	Radenci	-9.45	-67	
101	Bistra	Brezice	-9.45	-66	
102	Dana	Mirna	-9.35	-65	
103	H2O	Ajdovscina	-7.5	-46	
104	Juliana	Trzic	-10.5	-71	
105	Oda	Lasko	-9.65	-66	
106	Oda	Lasko	-9.7	-66	
107	Spar spring water	Radomlje	-8.6	-59	
108	Spar spring water	Radomlje	-8.6	-60	

109	Spar spring water	Radomlje	-8.65	-60	
110	Spar table water	Radomlje	-8.65	-59.5	
111	Ziva	Radomlje	-8.6	-57	
112	Zala	Lubiana	-8.9	-61	
113	Zala	Lubiana	-8.95	-60	
114	Tiha	Rogaska Slatina	-10.4	-72	
115	Naturelle	Radenci	-9.27	-65.5	Zuliani <i>et al.</i> , 2020
116	Dana	Mirna	-9.00	-62.6	
117	Zala	Lubiana	-8.61	-58.0	
118	Julijana	Trzic	-9.06	-61.3	
119	Oda	Lasko	-9.44	-63.8	
120	Kaplja	Radomlje	-8.32	-56.6	
121	Voda 902	Stahovica	-9.14	-59.7	
122	Costella	Kostel	-8.93	-60.2	
123	Sicheldorfer	Bad Radkersburg	-10.7	-78	Brencic and Vrenca, 2006
124	Long Life-2	Bad Radkersburg	-11.55	-83	
125	Long Life-1	Bad Radkersburg	-11.6	-79	
126	Römerquelle	Edelstal	-10.84	-77.9	Zuliani <i>et al.</i> , 2020
127	Jamnica	Pisarovina	-9.55	-69	Brencic and Vrenca, 2006
128	Jamnica	Pisarovina	-9.5	-69	
129	Jana	Pisarovina	-10.75	-75	
130	Jana	Pisarovina	-10.42	-70.7	Zuliani <i>et al.</i> , 2020
131	Evian	Evian-les-Bains	-10.2	-74	Brencic and Vrenca, 2006
132	Laqueuille	Laqueuille	-8.58	-57.6	Zuliani <i>et al.</i> , 2020
133	Evian	Evian-les-Bains	-9.97	-71.3	

Table S1b: Bottled water: sampling information.

References	Sampling data/information
Brencic and Vreca, 2006	September, 2004
Brencic et al., 2010	September, 2004 (first campaign; n=35 samples Brencic and Vreca, 2005); January, 2008 (second sampling campaign; n=16)
Dotsika et al., 2010	analyzed bottled waters available on the Greek market in 2009
Raco et al., 2013	analyzed bottled waters available on the Italian market in 2010
Zuliani et al., 2020	analyzed bottled waters available on the Slovenia in 2016

Table S2: Chemical composition of the bottled waters considered in the present paper (code, brand name, elevation, physical and chemical composition).

No	Brand name	Water type	Location	Elev. m a.s.l.	T (°C)	pH	EC (µS/cm)	Na (mg/L)	K (mg/L)	Ca (mg/L)	Mg (mg/L)	HCO ₃ (mg/L)	SO ₄ (mg/L)	Cl (mg/L)	SiO ₂ (mg/L)
1	Sangemini	Still	San Gemini (TR)	355	15,4	6,4	1376	20	4	333	18	996	60	17	33
2	Sant'Anna	Still	Vinadio (CN)	901	7,3	6,5	22	2		2		6	3		10
3	Frasassi	Still	Genga (AN)	235	13,5	7,4	522	20	2	98	4	298	23	20	11
4	Norda	Still	Primaluna (LC)	577	11	7,2	81	2	1	11	3	44	6	1	9
5	Lilia	Still	Rionero in Vulture (PZ)	328	17,8	6,3	468	45	29	34	10	268	33	9	85
6	Acqua Panna	Still	Scarpiera (FI)	585	9,9	7,9	223	6	1	33	6	106	21	9	7
7	Toka	Sparkling	Monticchio Bagni (PZ)	393	15,4	6,2	2745		102	242	52	1704	328	92	85
8	Acqua Conad	Still	Cervarezza Terme (RE)	875	7,7	7,8	250	10	0	41	5	135	31		
9	Ferrarelle	Sparkling	Riardo (CE)	113	18	6,1	1810	50	52	365	18	1403	3	20	86
10	Guizza	Still	Scorzè (VE)	16	15	7,4	421	6	1	50	29	308	4	2	14
11	Fonte Aretina	Still	Monte San Savino (AR)	266	20,9	7,4	1090	106	3	65	30	390	58	115	21
12	Lete	Sparkling	Pratella (CE)	162	15	6,2	1280	5	2	314	14	980	6	9	18
13	Fiuggi	Still	Fiuggi (FR)	573	18	7,6	158	7	7	17	6	98	3	7	30
14	S. Pellegrino	Still	San Pellegrino Terme (BG)	362	22,6	7,3	1149	34	7	179	52	239	445	55	8
15	Montecimone	Still	Fanano (MO)	912	7	7,7	195	3	1	33	5	125	10	3	4
16	San Benedetto	Still	Scorzè (VE)	16	15,1	7,5	419	6	1	50	29	311	4	2	13
17	Levissima	Still	Valdisotto (SO)	1151	5,9	7,8	124	2	2	21	2	57	17	0	6
18	Santafiora	Still	Monte San Savino (AR)	266	20,9	7,4	1090	106	3	65	30	390	58	115	21
19	Vera	Still	San Giorgio in Bosco (PD)	27	13,3	8	248	2	1	36	13	148	19	3	9
20	Lieve	Still	Gubbio (PG)	418	11,6	7,7	480	15	2	65	17	257	51	10	10
21	Fonte Ilaria	Still	Pescaglia (LU)	90	16	7,6	373	12	1	71	6	211	11	18	11
22	San Carlo	Still	Massa (MS)	305	12,8	5,7	76	9	0	2	3	12	2	13	9

23	San Francesco	Still	Cadorago (CO)	295	13,7	7,8	210	4	1	34	6	131	1	2	15
24	Vitasnella	Still	Darfo Boario Terme (BS)	263	12	7,4	547	3	1	85	28	305	87	2	10
25	Uliveto	Sparkling	Vicopisano (PI)	11	24	5,8	1123	74	8	171	28	574	104	79	11
26	Fonte Bianca	Sparkling	Pracchia (PT)	624	12,6	8	245	14	1	33	10	139	27	7	8
27	Bedonia	Still	Bedonia (PR)	761	9,5	7,6	358	6	1	64	9	230	22	5	8
28	Acqua Silva	Still	Pracchia (PT)	624	11,7	8	228	5	1	31	12	113	36	6	9
29	Amorosa	Still	Massa (MS)	167	10	5,2	32	5	0	1	1	4	1	8	5
30	Felicia	Sparkling	Monticchio Bagni (PZ)	393	19	6,2	1495	173	40	150	54	866	129	36	85
31	Tesorino	Still	Montopoli in Val D'Arno (PI)	42	14	7,1	860	36	2	128	26	329	157	40	13
32	Rocchetta	Still	Gualdo Tadino (PG)	506	11,3	7,5	279	5	1	57	3	180	8	8	5
33	Valmora	Still	Luserna (TO)	501	6,3	8	65	1	1	2	3	15	5	0	6
34	Paradiso	Still	Pocenia (UD)	11	14,6	7,5	507	3	1	73	28	274	61	4	
35	Claudia	Sparkling	Sabazia (RM)	158	22,3	5,7	844	56	69	86	21	484	41	51	93
36	Neve	Still	Cadorago (CO)	295	14,8	7,7	202	4	1	34	6	137	2	1	16
37	S. Bernardo	Still	Garessio (CN)	591	6,5	7	51	1	1	10	1	30	2	1	4
38	Perla	Still	Monte San Savino (AR)	266	20,1	7,4	1085	112	2	70	33	395	64	120	20
39	Monteverde	Still	Pracchia (PT)	624	12,6	8	254	14	1	33	10	139	27	7	8
40	Gaudianello	Sparkling	Melfi (PZ)	554	18,5	5,8	1432	130	50	152	54	920	118	38	110
41	Effeviva	Sparkling	San Gemini (TR)	355	15,8	6,2	1635	10	2	428	5	1252			14
42	Azzurra	Still	Torrebelvicino (VI)	269	15,6	7,7	620	1	1	102	37	232	195		
43	Mont Blanc	Still	Morgex (AO)	938	6,1	7,7	171	1	2	30	2	62	37		
44	Goccia Viva	Still	Pescaglia (LU)	90	16	7,6	373	12	1	71	6	211	11	18	11
45	Dolomiti	Still	Valli del Pasubio (VI)	352	6,1	8,2	172	1	1	24	8	88	20	1	8
46	Acqua di Nepi	Sparkling	Nepi (VT)	174	17,4	5,8	779	28	50	82	27	451	38	20	98
47	Fonte S. Vittoria	Still	Villa (IM)	592	7	7,9	320	2	0	53	8	175	23	1	6
48	Sparea	Still	Luserna (TO)	501	11,6	6,8	30	2	0	3	1	13	4	1	

49	Azzurrina	Still	Careggine (LU)	788	9	8,2	80	4	0	14	1	49	2	5	6
50	Alpi Cozie	Still	Luserna (TO)	501	8,6	6,9	39	2	1	6	1	21	4	2	
51	Balda	Still	Bagolino (BS)	721	9	8,1	186	3	1	28	6	95	16	4	
52	Lynx	Still	Bedonia (PR)	761	7,7	7,8	261	3	0	53	5	180	9	4	5
60	Zaros		Heraklion	326	16,6	7,9	261	7	1	30	11	137	5	14	3
61	Nera Kritis		Varipetro Therisso Chania	649		7,68	255	7		34,6	4,7	149	7,5	10,3	
62	Avra		Avra, Aegion	464	17		396	10	1	68	7	223	16	11	
65	Yas		Kaliani, Korinthias	662		7,5	545	5	4	107	4,7	337	10,7	5	
66	Loutraki Provis		Loutraki	670	16,9		652	16		74,4	12	372	6,7	39,2	
67	Loutraki Ivi		Loutraki	610	20		630					353			
69	Korpi		Monastiraki, Vonitsa	302	16,3		509	6		96,39	2,56	272	9,03	11,51	
70	Ioli		Moschochori, Fthiotida	11	17	8,04	391	7		42,12	11,26	268	12,6	7,51	
73	Vikos		Ioannina	562		7,4	480	3	1	100	2	281	13	8	
74	Zagorochoria		Ioannina	562											
75	Zagori		Kranoula, Ioannina	611	17,6	7,8	406	3	1	82	3	244	12,6	3	
79	Mitsikeli		Ioannina	1389		7,9		2	1	70	1	210		5	
80	Ydor Sourotis		Souroti, Thessaloniki	123	16,8	7,54	690	23		43,01	56,33	380	14,68	24,8	
81	Daly Drink Water		Souroti, Thessaloniki	123											
85	Donat Mg	Sparkling natural	Podplat	245		6,4	10100	1560	17	94	2020	6951	2270	55	71
86	Donat Mg	Sparkling natural	Podplat	245		6,5	10100	1560	12	25	1020	7066	2220	55	61
87	Tempel	Sparkling natural	Rogaska Slatina	225		5,5	1400	140	2	119	128	822	188	5	7
88	Tempel	Sparkling natural	Rogaska Slatina	225		5,5	1400	140	2	118	128	823	173	6	7
89	Edina	Sparkling natural	Rogaska Slatina	225		5,2	1075	63	1	85	79	644	111	4	3
90	Classic	Sparkling natural	Radenci	210		6	3130	433	95	19	113	2134	95	47	33
91	Classic	Sparkling natural	Radenci	210		6,1	3080	369	94	63	131	2185	77	42	38
93	Stirna	Sparkling artificial	Kranj	384		5	435	3	1	54	11	209	20	7	

94	Stirna	Sparkling artificial	Kranj	384		5	435	3	1	58	12	232	20	6	
95	Radin	Still	Radenci	210		7,3	1080	126	17	133	45	712	7	17	18
96	Radin	Still	Radenci	210		7,3	1080	127	18	136	45	723	7	17	19
97	Izvir	Still	Radenci	210		6,9	555	7	1	73	28	373	3	6	14
98	Iva	Still	Radenci	210		6,6	526	8	2	66	26	271	8	30	12
99	Iva	Still	Radenci	210		6,6	527	7	2	66	27	278	8	31	9
100	Iva	Still	Radenci	210		6,6	527	9	2	67	27	391	11	30	14
101	Bistra	Still	Brezice	160		7,4	373	10	1	73	14	246	3	2	12
102	Dana	Still	Mirna	245		7,2	586	2	1	93	47	275	9	2	4
103	H2O	Still	Ajdovscina	100		7,8	322	3	0	39	19	194	7	6	
104	Juliana	Still	Trzic	482		7,8	309	1	0	43	15	190	11	1	0
105	Oda	Still	Lasko	227		7,6	460	1	0	56	31	289	17	9	1
106	Oda	Still	Lasko	227		7,7	458	1	0	55	30	292	17	1	1
107	Spar spring water	Still	Radomlje	344		7,8	265	2	0	33	11	171	2	1	5
108	Spar spring water	Still	Radomlje	344		7,8	265	0	0	34	11	174	2	1	5
109	Spar spring water	Still	Radomlje	344		7,8	265	2	0	34	12	176	3	1	5
110	Spar table water	Still	Radomlje	344		7,7	264	2	0	33	13	179	3	1	6
111	Ziva	Still	Radomlje	344		7,7	263	2	0	33	14	177	3	1	6
112	Zala	Still	Lubiana	298		7,4	515	9	1	69	16	274	17	21	3
113	Zala	Still	Lubiana	298		7,4	515	10	1	68	17	268	17	22	3
114	Tiha	Still	Rogaska Slatina	225		7,3	576	1	0	75	34	379	18	2	1
115	Naturelle	Natural mineral water	Radenci	210		7,3		8	1	61	21	280	<1	4	27
116	Dana	Natural mineral water	Mirna	245		7,7		2	1	66	33	372	15	6	n.d.
117	Zala	Spring water	Lubiana	298		7,7		4	0	62	19	250	14	14	2
118	Julijana	Spring water	Trzic	482		7,9		8	1	53	17	210	29	13	n.d.
119	Oda	Spring water	Lasko	227		8,0		<1	0	51	26	280	14	5	n.d.

120	Kaplja	Natural mineral water	Radomlje	344		7,9		2	0	34	15	180	4	2	n.d.
121	Voda 902	Spring water	Stahovica	902		7,5		1	0	7	2	24	11	1	n.d.
122	Costella	Natural mineral water	Kostel	258		7,3		1	0	57	31	343	6	2	n.d.
123	Sicheldorfer	Sparkling natural	Bad Radkersburg	203		6,1	5480	1110	130	10	102	3285	2	462	32,6
124	Long Life-2	Sparkling natural	Bad Radkersburg	204		5,8	2650	124	6,87	37	199	2049	2	37	27,7
125	Long Life-1	Sparkling artificial	Bad Radkersburg	204		5,9	2690	90,3	6,55	217	157	2060	2	38	26,6
126	Römerquelle	Natural mineral water	Edelstal	177		7,42		16	2	132	63	413	267	5	n.d.
127	Jamnica	Sparkling artificial	Pisarovina	136		6	3680	753	32,2	139	50	2073	130	257	8,44
128	Jamnica	Sparkling artificial	Pisarovina	136		6	3680	729	32,7	139	52	2097	120	249	8,72
129	Jana	Still	Pisarovina	136		7,4	507	1,26	0,524	64	36	350	5	1	1,81
130	Jana	Natural mineral water	Pisarovina	136		7,68		2	1	64	32	372	6	3	n.d.
131	Evian	Still	Evian-les-Bains	376											
132	Laqueuille	Spring water	Laqueuille	898		7,22		5,9	2,8	4,7	1,8	40,3	0,2	1,2	n.d.
133	Evian	Natural mineral water	Evian-les-Bains	376		7,27		6,5	1	80	26	360	12,6	6,8	n.d.

Table S3: References of IAEA-GNIP stations monitoring of rainwater.

Italy_Wiser_BulkData	Project reference	<p>D'Alessandro W. et al. (2004): Oxygen isotope composition of natural waters in the Mt Etna area, in: Journal of Hydrology 296, 282-299.</p> <p>D'Amelio et al. (1994) Environmental isotope data: oxygen isotope concentration in precipitation in NE Italy (Friuli-Venezia Giulia). Miner. Petrogr. Acta, Vol. XXXVII 113-124.</p> <p>Paternoster M., Liotta M., Favara R. (2008): Stable isotope ratios in meteoric recharge and groundwater at Mt. Vulture volcano, southern Italy, in: Journal of Hydrology, Vol. 348, pp. 87-97</p> <p>[Partner: Radioactive Dating Laboratory, Frescati, Sweden]</p> <p>Oestlund et al. unknown year unknown title.</p>
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		Cortecci G. Dinelli E. Mussi M. (2008): Isotopic composition and secondary evaporation effects on precipitation from the urban centre of Bologna, Italy, in: Periodico di Mineralogia, 77, 53-61. Meteo data partly from tutiempo.net
	Site reference	[Partner: University "La Sapienza", Rome] [Partner: University of Cagliari] [Partner: INGV, Palermo], [Reference: D'Alessandro et al. 2004] [Reference: D'Amelio et al. 1994] [Reference: Paternoster et al. 2008] [Partner: IGG-CNR, Pisa] [Partner: INGV, Palermo] [Partner: Geokarst, Trieste] [Partners: n/a] [Partner: University of Torino] [Partner: University of Calabria] [Partner: IAS-CNR, Porano] [Partner: Universita Politecnica delle Marche, Ancona; IGG-CNR, Pisa] [Reference: Cortecci et al. 2008]

Greece_Wiser_BulkData	Project reference	[Partner: Radioactive Dating Laboratory, Frescati, Sweden] Oestlund et al. unknown year unknown title.
	Site reference	[Partners: n/a] [Partners: National Observatory, Athens; University of Patras] [Partners: University of Patras] [Partners: University of Patras; unknown]

Slovenia_Wiser_BulkData	Project reference	Vreca, P. et al.: Isotopic characteristics of precipitation in Slovenia and Croatia: Comparison of continental and maritime stations, in: Journal of Hydrology 330, p. 457-469 (2006). DOI: 10.1016/j.jhydrol.2006.04.005 Vreca, P. et al.: Isotopic composition of precipitation at the station Ljubljana (Reaktor), Slovenia – period 2007–2010, in: Geologija 57/2, 217-230 (2014). doi:10.5474/geologija.2014.019
	Site reference	[Partners: JSI, ARSO], [Reference: Vreca et al. 2006] [Partners: JSI, ARSO], [Info: 1984-1992 @ ARSO, 1992-2000/08 @ JSI, 2000/09-present @ JSI Research Reactor Centre.], [Reference: Vreca et al. 2006, Vreca et al. 2014]
Austria_Wiser_BulkData	Project reference	Rank, D. and W. Papesch: Isotopic composition of precipitation in Austria in relation to air circulation patterns and climate, in International Atomic Energy Agency: Isotopic composition of precipitation in the Mediterranean Basin in relation to air circulation patterns and climate (IAEA-TECDOC-1453), pp. 19-36 (2005).
	Site reference	Partners: Zentralanstalt für Meteorologie und Geodynamik, Vienna; Arsenal Research, Vienna Reference: Rank & Papesch 2005 [Partners: Bundesforschungs- und Versuchsanstalt Arsenal]
Croatia_Wiser_BulkData	Site reference	[Partner: University of Rijeka], [Reference: Hunjak et al. 2013] [Partner: Ruder Boskovic Institute, Zagreb], [Reference: Vreca et al. 2006] [Partner: Ruder Boskovic Institute, Zagreb] [Partner: Ruder Boskovic Institute, Zagreb; Jozef Stefan Institute, Ljubljana], [Reference: Vreca et al. 2006] [Partner: University of Rijeka]
France_Wiser_BulkData	Project reference	[Partner: Radioactive Dating Laboratory, Frescati, Sweden] Oestlund et al. unknown year unknown title.

		Lambs, Moussa & Brunet 2013: Air Masses Origin and Isotopic Tracers: A Study Case of the Oceanic and Mediterranean Rainfall Southwest of France, Water 5 617-628 [Partner: MINES ParisTech]
	Site reference	[Partners: n/a] [Partner: Universite d'Avignon et des Pays de Vaucluse] [Partners: Universite d'Avignon et des Pays de Vaucluse; Centre de Recherches Géodynamiques, Thonon; BRGM, Orleans] [Partner: University of Toulouse], [Reference: Lambs, Moussa & Brunet 2013] [Partner: BRGM, Orleans; Laboratoire d'Hydrologie et de Géochimie Isotopique, Orsay] Partner: MINES ParisTech – PSL Research University - Centre de Géosciences, Fontainebleau [Partner: BRGM, Orleans] [Partner: INRA Bordeaux]

Table S4: List of IAEA-GNIP stations monitoring rainwater and the considered operation periods (highlighted in yellow). In red the reference period in this article.

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