

Table S1. Stations from Croatia with available data on isotopes in precipitation.

No. ¹	Name of site	WMO Code ²	Altitude (m asl)	Climate Zone ³	Start Year	End Year	No. ⁴ $\delta^{18}\text{O}$	No. ⁴ $\delta^2\text{H}$	No. ⁴ $A(^3\text{H})$	Measured at ⁵	Ref.
1	Zagreb	1312701	165	Cfb	1975	1995	183	183	232	JSI, RBI	[47,62,63]
1	Zagreb – Grič	1312702	157	Cfb	1996	2003	89	92	95	JSI, RBI	[47,62,63]
					2004	2018			174	RBI	present
					2004	2006	36	36		SILab	present
					2010	2010	12	12	12	HAS, RBI	[66]
					2012	2018	74	74		FMGPE	present
1	Puntijarka, Mt. Medvednica		988	Dfb/Csb					20	RBI	[62]
2	Malinska, Krk Island	1431801		Cfa	2000	2002	11	11	10	JSI, RBI	[47]
3	Zavižan, Mt. Velebit	1432401	1594	Dfc	2000	2003	39	39	38	JSI, RBI	[47]
4	Gacka, Tonkovića		457	Cfb	2005	2006	10	10	13	SILab, RBI	[65,68]
5	Plitvice Lakes	1432501	550	Cfb	1978	1984	-	-	27	RBI	[62]
					2004	2005	18	18		IAEA	[67]
					2003	2006			38	RBI	[63]
6	Ličko Lešće	1322301	463	Cfb	2008		11	11	-	SILab	[27] ⁶
7	Gospić	1322300	564	Cfb	2008		12	12		SILab	[27] ⁶
8	Zadar	1429001	5	Cfa/Csa	2000	2003	36	39	39	JSI, RBI	[47]
9	Biograd na Moru		2	Csa	2005	2006	10	10	11	SILab, RBI	[65]
10	Dugopolje	1333401	295	Csa	2008	2009	11	11	9	SILab, RBI	[27] ⁶
11	Komiža, Vis Island	1444101	6	Csa	2000	2003	37	38	35	JSI, RBI	[47]
12	Dubrovnik	1447301	52	Cfa/Csa	2000	2003	37	39	34	JSI, RBI	[47]

1. location numbers refer to numbers in Figure 1

2. WMO/GNIP code of the station, if data is included/available in GNIP

3. Köppen climate class (Cfa – temperate climate without dry season and with hot summer; Cfb - temperate climate without dry season and with warm summer; Csa - temperate climate with dry and hot summer ; Dfb – cold climate without dry season and with warm summer, Dfc – cold climate without dry season and with cold summer(Köppen, 1937, Peel et al., 2007)); changes in climate class according to Nimac and Perčec Tadić 2016

4. number of data

5. JSI – Jožef Stefan Institute, Ljubljana, Slovenia

RBI – Ruđer Bošković Institute, Zagreb, Croatia

- IAEA – Isotope Hydrology Laboratory, International Atomic Energy Agency, Vienna
- SILab - Stable Isotope Laboratory at the Physics Department, School of Medicine, University of Rijeka, Rijeka, Croatia
- HAS - Institute for Geochemical Research, Hungarian Academy of Sciences, Budapest, Hungary
- FMGEP Faculty of Mining, Geology and Petroleum Engineering, University of Zagreb
6. available on GNIP database, not published elsewhere