Erratum to: Isotopic composition of rain- and groundwater at Mt. Vesuvius: environmental and volcanological implications

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The original article has been published inadvertently with some errors and missing data in Tables 1 and 2. The corrected Tables 1 and 2 are given here:

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Table 1 Monthly rainfall amounts and oxygen isotopic composition of rain (site elevation in m a.s.l. between brackets) between June 2002 and May 2004

Date	Rainfall amount (mm)										$\delta^{18}\text{O}$ (V-SMOW, ‰)									
	QUA (50)	FOR (730)	CRA (1200)	OVS (610)	SSB (230)	OTT (270)	PCA (840)	NAP (220)	FAI (1100)	INF (830)	QUA	FOR	CRA	OVS	SSB	OTT	PCA	NAP	FAI	INF
30/06/02	n.d.	12	16	20	18	27	n.d.	n.d.	n.d.	n.d.	n.d.	-3.1	-5.5	-6.6	-3.3	-5.9	n.d.	n.d.	n.d.	n.d.
02/08/02	84	69	57	59	47	94	n.d.	n.d.	n.d.	n.d.	-4.4	-5.2	-5.9	-5.3	-4.2	-5.0	n.d.	n.d.	n.d.	n.d.
13/09/02	115	223	136	215	172	199	n.d.	n.d.	n.d.	n.d.	-6.0	-7.3	-7.8	-7.6	-6.3	-6.6	n.d.	n.d.	n.d.	n.d.
03/10/02	99	128	71	120	86	106	n.d.	n.d.	n.d.	n.d.	-5.5	-6.3	-7.0	-6.6	-6.4	-5.6	n.d.	n.d.	n.d.	n.d.
05/11/02	111	107	108	138	96	84	n.d.	n.d.	n.d.	n.d.	-5.6	-6.0	-7.2	-6.1	-5.3	-5.9	n.d.	n.d.	n.d.	n.d.
05/12/02	97	98	102	114	95	118	n.d.	n.d.	n.d.	n.d.	-6.2	-7.1	-8.1	-7.7	-6.1	-6.5	n.d.	n.d.	n.d.	n.d.
11/01/03	183	253	168	213	209	299	364	147	158	184	-5.0	-6.6	-6.4	-6.2	-5.2	-6.0	-6.4	-8.4	-8.9	-9.2
03/02/03	159	172	89	211	152	170	167	84	61	95	-7.5	-8.5	-9.3	-9.0	-7.7	-8.0	-9.5	-8.2	-9.0	-9.2
05/03/03	88	50	30	62	69	90	86	0	0	0	-8.0	-9.2	-9.3	-9.2	-8.1	-8.5	-9.5	-4.7	-5.2	-5.5
03/04/03	0	0	0	0	0	0	0	38	38	52	-3.2	-4.9	-5.3	-4.9	-4.8	-4.4	-6.1	-2.8	-3	-3.8
05/05/03	27	41	32	37	36	43	75	17	10	22	-0.6	-3.5	-5.3	-3.7	-3.6	-3.9	-5.4			
04/06/03	10	19	25	19	33	39	42	0	0	0										
01/07/03	0	0	0	0	0	0	0	0	0	0										
01/08/03	0	0	0	0	0	0	0	26	69	76	-4.3	-5.1	-3.1	-4.9	-3.7	-5.0	-6.4	-4.5	-7.3	-5.7
04/09/03	48	52	24	33	48	55	99	167	151	190	-6.3	-7.0	-6.7	-6.8	-5.7	-5.8	-7.5	-5.4	-8.2	-7.4
06/10/03	215	173	68	112	84	132	166	118	153	172	-6.1	-7.0	-8.1	-6.7	-6.0	-5.8	-7.3	-5.3	-7.3	-7.8
03/11/03	133	142	90	121	124	151	163	91	80	79	-5.8	-7.0	-7.1	-6.4	-5.9	-5.9	-7.1	-8.8	-9.9	-9.2
01/12/03	71	73	47	71	49	60	126	96	135	133	-7.8	-8.5	-9.7	-9.6	-7.9	-8.1	-8.1	-7.8	-8.4	-8.9
08/01/04	138	132	69	103	94	117	156	107	106	130	-8.3	-8.6	-7.4	-8.3	-7.8	-7.8	n.d.	n.d.	n.d.	n.d.
04/02/04	106	113	54	102	78	132	n.d.	n.d.	n.d.	n.d.	-5.1	-5.5	-5.0	-5.8	-5.3	-5.7	n.d.	n.d.	n.d.	n.d.
03/03/04	66	72	48	68	68	106	n.d.	n.d.	n.d.	n.d.	-5.6	-7.0	-7.3	-6.9	-5.6	-6.2	n.d.	n.d.	n.d.	n.d.
22/04/04	164	220	147	219	173	265	n.d.	n.d.	n.d.	n.d.	-4.7	-6.2	-6.6	-5.5	-5.1	-5.3	n.d.	n.d.	n.d.	n.d.
24/05/04	133	173	141	182	169	184	n.d.	n.d.	n.d.	n.d.										
Supplementary values used for $\delta^{18}\text{O}/\delta\text{D}$ calculation only																				
Dec-04	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	-7.5	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
Jan-05	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	-8.7	-8.2	n.d.	-8.7	n.d.	n.d.	n.d.	n.d.
Feb-05	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	-7.9	-10	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
Mar-05	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	-8.6	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
Aug-05	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	-5.8	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
Nov-05	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	-6.5	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.

n.d. not determined

Supplementary isotopic measures (December 2004–November 2005) are reported at the end of the table. Each sample covers the period comprised between its date and the previous one (first sample refers to the period 1–30 June 2002)

Table 2 Monthly hydrogen isotopic composition of rain between June 2002 and May 2004

Date	δD (V-SMOW, ‰)					
	QUA	FOR	CRA	OVS	SSB	OTT
30/06/02	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
02/08/02	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
13/09/02	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
03/10/02	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
05/11/02	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
05/12/02	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
11/01/03	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
03/02/03	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
05/03/03	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
03/04/03						
05/05/03	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
04/06/03	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
01/07/03						
01/08/03						
04/09/03	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
06/10/03	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
03/11/03	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
01/12/03	−29	−36	−39	−32	−28	n.d.
08/01/04	−48	−48	−57	−59	n.d.	−48
04/02/04	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
03/03/04	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
22/04/04	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
24/05/04	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
Supplementary values used for $\delta^{18}O/\delta D$ calculation only						
Dec-04	n.d.	n.d.	n.d.	−39	n.d.	n.d.
Jan-05	n.d.	n.d.	−49	−47	n.d.	n.d.
Feb-05	n.d.	n.d.	−43	−57	n.d.	n.d.
Mar-05	n.d.	n.d.	n.d.	−48	n.d.	n.d.
Aug-05	n.d.	n.d.	n.d.	−30	n.d.	n.d.
Nov-05	n.d.	n.d.	n.d.	−35	n.d.	n.d.

n.d. not determined

Supplementary isotopic measures (December 2004–November 2005) are reported at the end of the table. Each sample covers the period comprised between its date and the previous one (first sample refers to the period 1–30 June 2002)