

SUMMARY TABLE EFFUSIVE EVENTS from 1879 to 2023 - COMPARISON WITH OTHER DATABASES

Color code: **green** - perfect match; **yellow** - partial match (differences in date/duration); white - event not recorded in the related database; **grey** - period uncovered by the database

Legend: L1 - duration ≤ 2 dd; L2 - duration 3-29 dd; L3 - duration ≥ 30 dd; IEP "Intermittent Effusive Period" - period of recognized effusive activity whose duration is unclear or discontinuous; the "?" indicates that an event is uncertain and/or poorly constrained due to ambiguities in the source(s).

Year	Month	Day	Hour	Effusive event onset before/after expl./par.	Duration (dd)	Type	N76	C78	B93	M12	R13	CN23
1882	4	29	16:00 LT	-	1	L1				30 EVEN TS		
1888/89	10/88	23	Night 23-24	After the 23/10 major explosion?	242	L3						
1889	9	19	?	-	111	IEP						
1891	6	24	?	After the 24/6 paroxysm	1	L1						
1891	6	30	?	-	1	L1						
1891	7	16	9:00 LT	-	1	L1						
1894	4	1	?	-	122	IEP						
1900	3	7	?	-	1	L1						
1900	3	11	?	-	1	L1						
1902	10	1	Night 1-2	-	1	L1						
1902	11	13	8:20 LT	-	1	L1						
1903	1	1	?	-	9	L2						
1903	1	13	?	-	3	L2						
1903	1	17	?	-	5	L2						
1903	1	24	?	-	2	L1						
1903	3	3	Night	-	1	L1						
1903	5	5	?	-	1	L1						
1903	6	?	?	-	?	IEP						
1903	10	22	?	-	1	L1						
1903	10	26	?	-	1	L1						
1903	10	30	?	-	1	L1						
1903	11	12	?	-	6	L2						
1905	2	25	3:20 LT	After the 25/2 major explosion	1	L1?						
1905	3	15	18:00 LT	After the 15/3 uncertain major explosion	2	L1						
1905	6	14	?	-	1	L1						
1905	6	16	?	-	1	L1						
1905	7	20	?	-	?	L1						
1905	8	21	?	-	2	L1						
1905	8	29	?	-	1	L1						

1905	9	24	Night 24-25	-	1	L1						
1905	10	13	?	-	2	L1						
1905	10	20	?	-	?	L1						
1905	11	23	?	-	5	L2						
1905	12	23	?	-	5	L2						
1905	12	30	Night	-	1	L1						
1906	1	19	15:00 LT	After the 19/1 uncertain major explosion?	1	L1						
1906	2	12	?	-	1	L1						
1906	2	19	?	-	1	L1						
1906	4	30	Evening	-	1	L1						
1906	7	25	?	-	1	L1						
1906	10	27	?	-	4	L2						
1907	1	27	?	-	4	L2						
1907	3	12	?	-	1	L1						
1907	3	16	?	-	1	L1						
1907	3	18	?	-	2	L1						
1907	4	13	?	-	1	L1?						
1914	4	18	Night	-	2	L1						
1914	4	24	Night	-	1	L1						
1914	4	29	Night	-	1	L1						
1914	6	18	Night	-	1	L1						
1914	8	3	?	-	1	L1						
1914	8	7	?	-	3	L2						
1914	8	24	?	-	76	L3						
1914	12	10	?	-	21	L2						
1915	6	11	?	At the same time of the 11/6 paroxysm	192	L3						
1916	6	20	23:13 LT	-	1	L1						
1916	7	3	21:30 LT	Before the 4/7 paroxysm	1	L1						
1916	7	23	?	-	5	L2						
1916	7	30	Afternoon	-	4	L2						
1916	8	26	6:00 LT	At the same time of the 26/8 major explosion	4	L2						
1916	9	6	2:20 LT	-	1	L1						
1916	9	29	20:00 LT	-	1	L1						
1916	10	25	21:35 LT	-	3	L2						
1916	11	1	10:30 LT	-	2	L1						
1916	12	28	18:15 LT	-	1	L1						
1919	5	22	?	Before the 22/5 paroxysm	1	L1						

1921	6	8	?	-	1	L1						
1921	6	27	21:30 LT	After the 27/6 paroxysm	3	L2						
1921	7	23	21:00 LT	-	1	L1						
1921	8	5	Night	-	1	L1						
1921	8	17	-	-	2	L1						
1921	8	26	-	-	1	L1						
1924	3	28	7:00 LT	After the 28/3 paroxysm	3	L2						
1924	4	28	Evening	-	?	L1						
1929	2	?	?	-	?	IEP						
1930	2	3	19:00 LT	After the 3/2 uncertain major explosion	3	L2						
1930	9	11	11:00 LT	After the 11/9 paroxysm	1	L1						
1930	12	1	18:00 LT	-	1	L1						
1935	2	25	Evening	After the 23/2 uncertain major explosion	2	L1						
1935	7	21	18:40 LT	After the 21/7 paroxysm	1	L1						
1936	1	31	18:30 LT	After the 31/1 paroxysm	1	L1						
1936	5	8	Evening	-	7	L2						
1936	9	9	Night	-	1?	L1?						
1936	10	3	Evening	-	1?	L1?						
1936	10	7	Evening	-	1?	L1?						
1937	1	6	6:02 LT	At the same time of the 6/1 major explosion	1	L1						
1937	2	1	?	-	28	IEP?						
1937	3	10	?	-	17	IEP?						
1937	4	1	?	-	37	IEP?						
1937	6	1	?	-	20	L2						
1937	7	17	?	-	1	L1						
1937	7	21	?	-	1	L1						
1937	8	18	Evening	-	1	L1						
1937	8	25	Morning	-	1	L1						
1937	8	29	?	-	1	L1						
1937	12	14	7:55 LT	At the same time of the 14/12 paroxysm	1	L1						
1938	1	11	8:40 LT	-	16	L2						
1938	3	26	14:40 LT	-	1	L1						
1938	3	31	Afternoon	-	1	L1						
1938	4	26	Morning	-	2	L1						

1938	5	5	7:10 LT	-	1	L1						
1938	5	7	7:15 LT	Before the 8/5 major explosion	1	L1						
1938	5	22	17:45 LT	At the same time of the 22/5 paroxysm	3	L2						
1938	6	1	15:00 LT	After the 1/6 uncertain major explosion	4	L2						
1938	6	18	20:00 LT	-	1	L1						
1938	10	19	?	-	24	L2						
1938	12	1	Night	-	2	L1						
1938	12	11	8:30 LT	-	1	L1						
1939	1	10	Night	-	1	L1						
1939	2	10	16:20 LT	Before the 12/2 uncertain major explosion	6	L2						
1939	3	25	20:45 LT	-	2	L1						
1939	4	9	17:15 LT	-	2	L1						
1939	4	15	Morning	-	3	L2						
1939	4	24	?	-	3	L2						
1939	5	2	Night	-	5	L2						
1939	5	31	19:30 LT	-	8	L2						
1939	6	25	?	-	4	L2						
1941	8	22	20:00 LT	After the 22/8 paroxysm	15	L2						
1943-44	12/43	3	13:30 LT	At the same time of the 3/12 paroxysm	333	IEP						
1945-48	1/1/45	?	?	-	?	IEP?						
1949	6	7	?	After the 6/6 uncertain major explosion	10	L2						
1950	10	20	11:10 LT	At the same time of the 20/10 major explosion	3	L2						
1951	4	11	9:45 LT	-	3	L2						
1952	6	7	5:00 LT	At the same time of the 7/6 uncertain major explosion	10	L2						
1954	2	1	13:00 LT	After the 1/2 uncertain major explosion	41	L3						
1954	12	6	5:10 LT	-	1	L1						
1955	2	28	Night	-	20	L2						
1955	3	22	?	-	1	L1						
1956	1	1	18:00 LT	-	13	L2						
1956	1	16	?	-	60	L3						

1958	2	6	6:00 LT	-	6	L2						
1958	5	31	18:00 LT	-	5	L2						
1959	8	12	?	-	1	L1						
1959	9	7	?	After the 6/9 major explosion	4	L2						
1966	4	9	?	-	3	L2						
1967	4	19	5:00 LT	-	116	L3						
1971	4	3	?	-	1	L1						
1971	5	1	?	-	1	L1						
1975	11	5	18:00 LT	After the 4/11 uncertain major explosion	19	L2						
1985-86	12/85	6	7:45 LT	Before the 6/12 uncertain major explosion	145	L3						
1990	10	4	?	-	?	L1						
1993	4	22	20:30 LT	-	?	L1						
1993	5	16	?	-	1	L1						
1993	5	18	18:50 LT	-	1	L1						
1996	8	16	?	-	2	L1						
2000	6	?	?	-	?	L1?						
2002	11	15	?	-	1	L1						
2002-03	12/02	28	18:30 LT	-	205	L3						
2007	2	27	10:45 GMT	-	34	L3						
2008	9	13	0:00 GMT	-	1	L1?						
2008	11	16	13:46 GMT	-	?	L1?						
2009	3	29	2:41 GMT	-	?	L1						
2009	4	22	?	-	3	L2						
2009	5	3	?	At the same time of the 3/5 major explosion?	2	L1?						
2009	5	17	16:15 GMT	-	1	L1?						
2009	8	30	19:59 GMT	-	1	L1						
2009	11	8	12:34 GMT	After the 8/11 major explosion	1	L1						
2009	11	24	?	At the same time of the 24/11 major explosion?	?	L1?						
2010	1	7	10:37 GMT	-	1	L1						
2010	1	10	14:48 GMT	At the same time of the 10/1 major explosion	1	L1?						
2010	3	10	6:11 UTC	-	5	L2						

2010	10	19	Night 18-19	-	7	L2						
2010	11	1	14:39 GMT	-	?	L1						
2010	12	12	3:30 LT	-	?	L1						
2011	1	26	20:00 GMT	-	1	L1						
2011	7	29	15:06 LT	-	1	L1						
2011	8	1	23:00 GMT	-	1	L1						
2011	8	5	7:00 GMT	-	1	L1?						
2011	8	9	7:27 GMT	-	?	L1						
2011	8	30	14:00 GMT	-	1	L1?						
2012	8	6	12:07 GMT	-	1	L1?						
2012	12	23	15:00 UTC	-	1	L1						
2012	12	25	14:30 UTC	-	2.5	L2						
2013	1	6	21:43 UTC	-	1	L1						
2013	1	9	16:25 UTC	-	7	L2						
2013	1	19	Evening	-	1	L1						
2013	2	8	10:59 UTC	-	9	L2						
2013	2	27	14:20 UTC	-	1	L1						
2013	3	1	21:40 UTC	-	1	L1						
2013	3	13	9:15 UTC	-	1	L1						
2013	4	3	21:10 UTC	-	1	L1						
2013	4	10	13:40 UTC	-	1	L1						
2013	4	12	14:27 UTC	-	1	L1						
2013	4	17	14:14 UTC	-	2	L1						
2013	4	21	17:40 UTC	-	1	L1						
2013	4	26	22:45 UTC	-	1.5	L1						
2013	4	28	16:05 UTC	-	1	L1						
2013	5	1	2:24 UTC	-	1	L1						
2013	5	7	21:10 UTC	-	1	L1						
2014	6	17	6:26 UTC	-	1	L1						

2014	6	22	13:00 UTC	-	1	L1							
2014	6	27	10:15 UTC	-	1	L1							
2014	6	29	6:00 UTC	-	1.5	L1							
2014	7	1	0:30 UTC	-	1	L1							
2014	7	4	2:48 UTC	-	1	L1							
2014	7	7	Morning	-	1	L1							
2014	7	9	14:18 UTC	-	1.5	L1							
2014	7	15	7:45 UTC	-	1	L1							
2014	7	16	22:52 UTC	-	1	L1							
2014	7	19	2:30 UTC	-	1	L1							
2014	8	6	16:00 UTC	-	108	L3							
2017	12	15	13:30 UTC	-	1	L1							
2019	7	3	14:43 UTC	Before the 3/7 paroxysm	1	L1							
2019	7	8	9:00 UTC	-	51	L3							
2019	12	27	Morning	-	1	L1							
2020	1	18	21:39 UTC	-	1	L1							
2020	2	3	7:20 UTC	-	1	L1							
2020	3	28	16:56 UTC	-	1	L1							
2020	3	30	23:31 UTC	-	1	L1							
2020	4	15	7:22 UTC	-	1	L1							
2020	4	19	19:45 UTC	-	1	L1							
2020	11	10	?	After the 10/11 major explosion?	1	L1							
2021	1	18	10:11 UTC	-	1	L1							
2021	1	22	11:22 UTC	-	1	L1							
2021	1	24	18:56 UTC	-	1	L1							
2021	5	19	12:51 UTC	-	5	L2							
2021	6	11	14:38 UTC	-	1	L1							
2021	6	13	2:04 UTC	-	1	L1							
2021	6	17	Evening	-	1	L1							
2021	6	19	?	-	1	L1							
2021	6	21	?	-	1	L1							
2021	6	23	?	-	1	L1							
2021	6	25	?	-	1	L1							

2021	10	6	14:17 UTC	At the same time of the 6/10 major explosion	?	L1						
2021	11	25	6:51 UTC	-	3	L2						
2022	7	27	17:08 UTC	After the 25/7 major explosion	1	L1						
2022	9	25	2:29 UTC	-	1	L1						
2022	10	3	9:08 UTC	-	1	L1						
2022	10	4	9:07 UTC	-	1	L1						
2022	10	7	22:18 UTC	-	1	L1						
2022	10	9	7:21 UTC	-	7	L2						
2022	11	16	6:15 UTC	-	1	L1						
2022	12	4	14:10 UTC	-	4	L2						
2022	12	16	12:08 UTC	-	1	L1						
2022	12	19	8:42 UTC	-	1	L1						
2022	12	21	14:47 UTC	-	1	L1						
2022	12	26	20:13 UTC	-	3	L2						
2023	1	2	20:36 UTC	-	1	L1						
2023	1	4	1:24 UTC	-	1	L1						
2023	1	17	9:52 UTC	-	1	L1						
2023	1	24	14:19 UTC	-	1	L1						
2023	2	27	5:57 UTC	-	1	L1						
2023	3	8	5:10 UTC	-	1	L1						
2023	3	11	1:15 UTC	-	1	L1						
2023	3	23	21:42 UTC	-	3	L2						
2023	9	27	12:28 UTC	-	1	L1						
2023	10	3	6:27 UTC	-	1	L1						
2023	10	6	0:45 UTC	-	2	L1						
2023	10	8	19:30 UTC	-	1	L1						

N76 : Nappi 1976b

C78 : Capaldi et al. 1978

B93: Barberi et al. 1993

M12: Marsella et al. 2012

R13: Rosi et al. 2013

CN23: Calvari and Nunnari 2023