

M8S ALGORITHM – LIST OF TARGET EVENTS

Date	Latitude, °N	Longitude, °E	Depth	M _{max}	M8S	Commentary
1975.01.16	38.20	15.78	21	5.5	Yes	
1976.05.06	46.23	13.13	12	6.5	Yes	
1978.04.15	38.27	15.10	18	5.8	Yes	
1979.09.19	42.72	12.95	6	5.8	No	20 km from alarm
1980.05.28	38.46	14.34	19	5.5	Yes	
1980.11.23	40.85	15.28	18	6.7	Yes	
1986.11.25	44.12	16.34	30	5.5	No	Croatia
1990.05.05	40.78	15.77	10	5.6	Yes	
1990.11.27	43.85	16.63	24	5.6	No	Croatia
1991.02.26	40.19	13.82	401	5.5	No	Deep event
1994.01.05	39.08	15.15	272	5.8	No	Deep event
1996.10.15	44.79	10.78	10	5.8	Yes	
1997.09.26	43.08	12.81	10	6.4	No	Predicted in M5.5+
1997.09.26	43.05	12.88	10	5.9	Yes	
1998.04.12	46.24	13.65	10	6.0	Yes	Slovenia
1998.05.18	39.25	15.11	279	5.6	Yes	Deep event
1998.09.09	40.03	15.98	10	5.9	Yes	
2001.07.17	46.73	11.20	10	5.5	Yes	
2002.09.06	38.38	13.70	5	5.9	No	
2002.10.31	41.79	14.87	10	5.9	No	
2003.03.29	43.11	15.46	10	5.5	Yes	
2003.09.14	44.33	11.45	10	5.6	Yes	
2004.02.23	47.27	6.27	17	5.5	Yes	Switzerland
2004.05.05	38.51	14.82	228	5.5	No	Deep event
2004.07.12	46.30	13.64	24	5.7	No	Slovenia
2004.11.24	45.63	10.57	24	5.5	Yes	
2006.10.26	38.67	15.40	216	5.8	Yes	Deep event
2009.04.06	42.33	13.33	8	6.3	No	
2012.05.20	44.90	11.23	8	6.1	No	
2016.08.24	42.71	13.17	10	6.2	No	
2016.10.30	42.85	13.09	10	6.6	No	

List of target earthquakes for M8S retrospective (1972-2001) and real-time (2002-2016) application in Italy and adjacent territory. The operating magnitude considered for M8S application is the maximum reported magnitude. The earthquakes occurred during the period of forward monitoring, since 2002, are evidenced in bold.

The earthquakes parameters are those reported in UCI earthquake catalog, which is composed by PDE-NEIC-ISC data since 1986.