

Coastal Seiches Events Reported Around the Globe

Compiled by Edwin Alfonso-Sosa, Ph.D.

Event Date	Location	Period		H (cm)	Duration (hours)	Reference
		Latitude	(min)			
5/11/81 0:00	South Africa	-34	NA	60.0	NA	1
3/31/79 0:00	Nagasaki Bay (Japan)	33	35.0	478.0	NA	1
3/16/88 0:00	Nagasaki Bay (Japan)	33	35.0	200.0	NA	1
9/1/80 0:00	Longkou Harbor (China)	37.65	NA	300.0	NA	1
10/13/33 0:00	Gulf of Trieste	45.67	NA	NA	NA	1
8/21/77 0:00	Bay of Vela Luka (Eastern Adriatic)	45	15.0	100-250	NA	1
9/19/77 0:00	Bay of Vela Luka (Eastern Adriatic)	45	15.0	100-250	NA	1
6/21/78 0:00	Bay of Vela Luka (Eastern Adriatic)	45	15.0	100-250	NA	1
5/7/91 0:00	Coast of Greece	38	12.0		NA	1
9/16/75 0:00	Ciudadella Inlet, Menorca Island (Balearic Islands)	40	NA	200.0	48.0	1
7/14/77 0:00	Ciudadella Inlet, Menorca Island (Balearic Islands)	40	NA	50.0	NA	1
7/2/81 0:00	Ciudadella Inlet, Menorca Island (Balearic Islands)	40	~8-10	200.0	15.0	1
7/18/81 0:00	Ciudadella Inlet, Menorca Island (Balearic Islands)	40	NA	100.0	NA	1
7/29/82 0:00	Ciudadella Inlet, Menorca Island (Balearic Islands)	40	NA	NA	48.0	1
6/21/84 0:00	Ciudadella Inlet, Menorca Island (Balearic Islands)	40	NA	300.0	NA	1
6/14/85 0:00	Ciudadella Inlet, Menorca Island (Balearic Islands)	40	4.0	90.0	7.0	1
6/19/85 0:00	Ciudadella Inlet, Menorca Island (Balearic Islands)	40	5.0	100.0	10.0	1
7/3/85 0:00	Ciudadella Inlet, Menorca Island (Balearic Islands)	40	7.0	90.0	8.0	1
7/31/85 0:00	Ciudadella Inlet, Menorca Island (Balearic Islands)	40	NA	80.0	4.0	1
7/4/89 21:20	Ciudadella Inlet, Menorca Island (Balearic Islands)	40	10.7	196.7	63.4	1
8/5/89 3:35	Ciudadella Inlet, Menorca Island (Balearic Islands)	40	10.5	126.8	19.2	1
8/10/89 20:38	Ciudadella Inlet, Menorca Island (Balearic Islands)	40	11.7	103.8	10.2	1
8/31/89 10:58	Ciudadella Inlet, Menorca Island (Balearic Islands)	40	10.8	44.3	0.9	1
9/4/89 18:09	Ciudadella Inlet, Menorca Island (Balearic Islands)	40	11.1	64.4	4.6	1
9/5/89 5:27	Ciudadella Inlet, Menorca Island (Balearic Islands)	40	10.8	72.8	30.0	1
9/7/89 16:40	Ciudadella Inlet, Menorca Island (Balearic Islands)	40	10.3	51.5	21.5	1
9/10/89 10:42	Ciudadella Inlet, Menorca Island (Balearic Islands)	40	11.5	95.8	7.7	1
9/24/90 12:31	Ciudadella Inlet, Menorca Island (Balearic Islands)	40	9.6	66.4	4.8	1
9/25/90 12:45	Ciudadella Inlet, Menorca Island (Balearic Islands)	40	10.9	92.8	11.5	1
6/21/92 7:12	Ciudadella Inlet, Menorca Island (Balearic Islands)	40	10.6	260.0	4.8	3
7/10/93 0:00	Ciudadella Inlet, Menorca Island (Balearic Islands)	40	NA	NA	NA	5
6/2/94 0:00	Ciudadella Inlet, Menorca Island (Balearic Islands)	40	NA	NA	NA	5

3/26/96 0:00	Ciudadella Inlet, Menorca Island (Balearic Islands)	40	NA	NA	NA	5
6/10/97 0:00	Ciudadella Inlet, Menorca Island (Balearic Islands)	40	NA	~100	<10	2
6/11/97 12:00	Ciudadella Inlet, Menorca Island (Balearic Islands)	40	NA	<100	<10	2
6/16/97 12:00	Ciudadella Inlet, Menorca Island (Balearic Islands)	40	NA	<100	<10	2
6/18/97 12:00	Ciudadella Inlet, Menorca Island (Balearic Islands)	40	NA	~100	<10	2
7/1/97 12:00	Ciudadella Inlet, Menorca Island (Balearic Islands)	40	NA	~90	> 10	2
7/5/97 0:00	Ciudadella Inlet, Menorca Island (Balearic Islands)	40	NA	>100	<10	2
7/23/97 12:00	Ciudadella Inlet, Menorca Island (Balearic Islands)	40	NA	>100	> 10	2
7/2/81 0:00	Porto Colom, Mallorca Island (Balearic Islands)	39.42	6.0	100.0	NA	1
6/14/85 0:00	Porto Colom, Mallorca Island (Balearic Islands)	39.42	NA	40.0	NA	1
6/19/85 0:00	Porto Colom, Mallorca Island (Balearic Islands)	39.42	NA	60.0	NA	1
7/3/85 0:00	Porto Colom, Mallorca Island (Balearic Islands)	39.42	NA	100.0	NA	1
7/4/89 21:20	Palma Bay, Mallorca Island (Balearic Islands)	39.5	27.5	32.3	63.4	1
8/5/89 3:35	Palma Bay, Mallorca Island (Balearic Islands)	39.5	25.8	23.9	19.2	1
8/10/89 20:38	Palma Bay, Mallorca Island (Balearic Islands)	39.5	25.9	23.5	10.2	1
7/2/81 0:00	Palma Bay, Mallorca Island (Balearic Islands)	39.5	14-28	40.0	NA	1
7/2/81 0:00	Ibiza Island (Balearic Islands)	39	NA	100.0	NA	1
7/2/81 0:00	Andratx, Mallorca Island (Balearic Islands)	39.6	~5-6	100.0	NA	1
7/2/81 0:00	Pollensa, Mallorca Island (Balearic Islands)	39.92	10.0	80.0	NA	1
7/2/81 0:00	Sa Rapita, Mallorca Island (Balearic Islands)	39.37	5.0	100.0	NA	1
7/2/81 0:00	Sta Ponca, Mallorca Island (Balearic Islands)	39.45	5.0	200.0	NA	1
8/5/89 3:35	Sol de Mallorca, Mallorca Island (Balearic Islands)	39.42	10.9	10.3	19.2	1
8/10/89 20:38	Sol de Mallorca, Mallorca Island (Balearic Islands)	39.42	15.7	15.1	10.2	1
7/11/72 0:00	Tarragona (Catalonia)	41.08	NA	300.0	NA	1
9/16/75 0:00	Barcelona (Catalonia)	41.17	~8-10	60.0	12.0	1
7/2/81 0:00	Barcelona (Catalonia)	41.17	NA	100.0	NA	1
7/2/81 0:00	Costa Brava (Catalonia)	41	NA	300.0	NA	1
7/2/81 0:00	Caserio Cabrera (Cabrera Islands)	39.15	NA	80.0	NA	1
5/9/91 7:14	Krabovaya, Shikotan Island (South Kuril Islands)	46	28.6	37.4	9.6	1
5/13/91 12:00	Krabovaya, Shikotan Island (South Kuril Islands)	46	26.7	34.0	12.0	1
5/19/91 6:00	Krabovaya, Shikotan Island (South Kuril Islands)	46	26.1	21.9	24.0	1
5/9/91 7:14	Otradnaya, Shikotan Island (South Kuril Islands)	46	15.4	15.2	9.6	1
5/13/91 12:00	Otradnaya, Shikotan Island (South Kuril Islands)	46	15.8	15.3	12.0	1
5/19/91 6:00	Otradnaya, Shikotan Island (South Kuril Islands)	46	15.1	12.9	24.0	1
5/9/91 7:14	Malokuril'skaya, Shikotan Island (South Kuril Islands)	46	18.3	23.8	9.6	1
5/13/91 12:00	Malokuril'skaya, Shikotan Island (South Kuril Islands)	46	18.1	21.7	12.0	1
6/15/2006 1:00	Ciudadella Inlet, Menorca Island (Balearic Islands)	40	ND	~800-1000*	NA	11

12/17/2008 6:00 Portomaso, Ghadira, Malta

35.92 20.0

50.0 NA

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References

- 1) Rabinovich & Monserrat (1996)
- 2) http://nova.uib.es/Oceanography/html/dissemination/texts/Rissagues/last97_cast.htm
- 3) Giese & Chapman (2001)
- 5) Giese & Chapman (1998)
- 10) Physcai Oceanography Unit, University of Malta, Aldo Drago
- 11) Jansa A., Monserrat S., and D. Gomis (2007)

*Not measured by water-level gauge