

Sea Ranch Tsunami Hazard Analysis

Tsunami Date (yyyy mm dd)	Source Location	Magnitude of Earthquake	Local Location	Maximum Height of Wave in Feet	Time to Location (hours)
1868 08 13	Northern Chile	8.8	San Francisco	0.65	13
1877 05 10	Northern Chile	8.3	San Francisco	0.65	13
1906 04 18	Northern California	7.9	San Francisco	0.33	
1952 11 04	Kamchatka	9.0	Crescent City	3.25	7:54
1957 03 09	Central Aleutian Alaska	9.1	Crescent City	2.28	5:11
1960 05 22	South Central Chile	9.5	Gualala River	1.95	15:29
1964 03 28	Gulf of Alaska	9.2	Arena Cove	5.85	4:03
1965 02 04	Western Aleutian, Alaska	8.7	Crescent City	0.33	na
1975 11 29	Hawaii	7.1	Bodega Bay	0.65	
1986 05 07	Central Aleutian, Alaska	8.0	Crescent City	0.33	na
1987 11 30	Gulf of Alaska	7.9	San Francisco	0.16	4:50
1988 03 06	Gulf of Alaska	7.8	San Francisco	0.33	na
1989 10 18	Northern California	7.2	Monterey	0.65	0:21
1992 04 25	Northern California	7.2	Point Arena	0.39	0:37
1994 09 01	Northern California	7.0	Crescent City	0.23	0
1995 07 30	Chile	8.0	Arena Cove	0.23	13:19
1995 12 03	Kuril Islands	7.6	Arena Cove	0.13	
1996 02 17	Indonesia	8.2	Arena Cove	0.29	
1996 06 10	Alaska	7.9	Arena Cove	0.20	5:00
2001 06 23	Peru	8.4	Arena Cove	0.26	
2003 09 25	Japan	8.3	Arena Cove	0.07	9:30
2004 12 26	Indonesia	9.1	Arena Cove	0.62	33:00
2005 06 15	Northern California	7.2	Arena Cove	0.10	1:00
2006 05 03	Tonga	8.0	Arena Cove	0.26	10:58
2006 11 15	Kuril Islands	8.3	Arena Cove	1.98	8:16
2007 01 13	Kuril Islands	8.1	Arena Cove	0.81	8:31
2007 08 15	Peru	8.0	Arena Cove	0.13	11:43
2009 01 03	Papau	7.7	Arena Cove	0.16	15:08
2009 01 15	Kuril Islands	7.4	Arena Cove	0.13	8:31
2009 09 29	Samoa	8.1	Arena Cove	1.43	10:27
2009 10 07	Vanuatu	7.7	Arena Cove	0.13	13:00
2010 02 27	Chile	8.8	Arena Cove	1.14	14:12
2011 03 11	Japan	9.0	Arena Cove	5.71	9:44