

# List of earthquakes in the United States

甲第 349 号証

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The following is a list of notable earthquakes and/or tsunamis which had their epicenter in areas that are now part of the United States with the latter affecting areas of the United States. Those in *italics* were not part of the USA when the quake hit.



Two-percent probability of exceedance in 50 years map of peak ground acceleration

Two-percent probability of exceedance in 50 years map of peak ground acceleration from the United States Geological Survey, released July 17, 2014

Date	State(s)	Magnitude	Fatalities	Further information
January 26, 1700	Washington, Oregon, California	8.7 - 9.2	Unknown	<i>1700 Cascadia earthquake</i>
November 18, 1755	Massachusetts	5.9	Unknown	<i>1755 Cape Ann earthquake</i>
December 16, 1811	Missouri	7.2 - 8.1	Unknown	1811–1812 New Madrid earthquakes
December 8, 1812	California	6.9	40+	<i>1812 Wrightwood earthquake</i>
January 9, 1857	California	7.9	2	1857 Fort Tejon earthquake
April 24, 1867	Kansas	5.1	0	1867 Manhattan, Kansas earthquake
April 2, 1868	Hawaii	7.9	77	<i>1868 Hawaii earthquake and tsunami</i>
October 21, 1868	California	6.8 - 7.0	30	1868 Hayward earthquake
December 14, 1872	Washington	6.5 - 7.0	0	1872 North Cascades earthquake
March 26, 1872	California	7.6 - 8.0+	27	1872 Lone Pine earthquake
August 31, 1886	South Carolina	7.3	60-110	1886 Charleston earthquake
April 18, 1906	California	7.9	3000+	1906 San Francisco earthquake
September 27, 1909	Indiana	5.1	0	1909 Wabash River earthquake
October 3, 1915	Nevada	7.1	0	1915 Pleasant Valley earthquake
June 29, 1925	California	6.8	13	1925 Santa Barbara earthquake <sup>[1]</sup>
August 16, 1931	Texas	5.8	0	1931 Valentine earthquake
March 10, 1933	California	6.4	120	1933 Long Beach earthquake
May 18, 1940	California	6.9	9	1940 El Centro earthquake
December 20, 1940	New Hampshire	5.3	0	1940 New Hampshire earthquakes
December 24, 1940	New Hampshire	5.5	0	1940 New Hampshire earthquakes
April 1, 1946	Alaska	8.6	165	1946 Aleutian Islands earthquake and tsunami
May 6, 1947	Wisconsin	Unknown	0	1947 Wisconsin earthquake
December 4, 1948	California	6.0 - 6.5	0	

Date	State(s)	Magnitude	Fatalities	Further information
April 13, 1949	Washington	7.1	8	1948 Desert Hot Springs earthquake 1949 Olympia earthquake
July 21, 1952	California	7.5	14	1952 Kern County earthquake
March 9, 1957	Alaska	8.6	0	1957 Andreanof Islands earthquake and tsunami
July 9, 1958	Alaska	8.3	5 (tsunami)	1958 Lituya Bay earthquakes and megatsunami
August 17, 1959	Montana, Wyoming	7.3 - 7.5	28+	1959 Hebgen Lake earthquake
March 27, 1964	Alaska	9.2	143	1964 Alaska earthquake and tsunami
February 4, 1965	Alaska	8.7	0	1965 Rat Islands earthquake and tsunami
April 29, 1965	Washington	6.5	3	1965 Olympia earthquake
August 9, 1967	Colorado	5.3	0	Rocky Mountain Arsenal#Deep injection well
November 26, 1967	Colorado	5.2	0	Rocky Mountain Arsenal#Deep injection well
November 9, 1968	Illinois	5.4	0	1968 Illinois earthquake
October 2, 1969	California	5.6 - 5.7	1	1969 Santa Rosa earthquakes
February 9, 1971	California	6.6	64	1971 San Fernando earthquake
October 1973	Tennessee	4.6	0	1973 Knoxville earthquake
February 2, 1975	Alaska	7.6	0	1975 Near Islands earthquake
July 9, 1975	Minnesota	4.6	0	1975 Morris earthquake
November 29, 1975	Hawaii	7.2	2	1975 Hawaii earthquake
May 2, 1983	California	6.5	0	1983 Coalinga earthquake
October 28, 1983	Idaho	7.3	2	1983 Borah Peak earthquake
April 24, 1984	California	6.2	0	1984 Morgan Hill earthquake
October 1, 1987	California	5.9	8	1987 Whittier Narrows earthquake
October 17, 1989	California	6.9	63	

Date	State(s)	Magnitude	Fatalities	Further information
				1989 Loma Prieta earthquake
June 28, 1991	California	5.6	2	1991 Sierra Madre earthquake
April 25–26, 1992	California	6.5 - 7.2	0	1992 Cape Mendocino earthquakes
June 28, 1992	California	7.3	3	1992 Landers earthquake
June 28, 1992	California	6.5	0	1992 Big Bear earthquake
March 25, 1993	Oregon	5.6	0	1993 Scotts Mills earthquake
September 20, 1993	Oregon	6.0	2	1993 Klamath Falls earthquakes
January 17, 1994	California	6.7	57	1994 Northridge earthquake
April 14, 1995	Texas	5.7	0	1995 Marathon earthquake
May 2, 1996	Washington	5.6	0	1996 Duvall earthquake
September 25, 1998	Pennsylvania	5.2	0	1998 Pymatuning earthquake
October 16, 1999	California	7.1	0	1999 Hector Mine earthquake
February 28, 2001	Washington	6.8	1	2001 Nisqually earthquake
November 3, 2002	Alaska	7.9	0	2002 Denali earthquake
April 29, 2003	Alabama	4.6	0	2003 Alabama earthquake
December 9, 2003	Virginia	4.5	0	2003 Virginia earthquake
December 22, 2003	California	6.5	2	2003 San Simeon earthquake
September 10, 2006	Florida	5.8	0	2006 Gulf of Mexico earthquake
October 15, 2006	Hawaii	6.7	0	2006 Hawaii earthquake
October 30, 2007	California	5.6	0	2007 Alum Rock earthquake
December 19, 2007	Alaska	7.2	0	2007 Andreanof Islands earthquake
April 18, 2008	Illinois	5.4	0	2008 Illinois earthquake
July 29, 2008	California	5.5	0	2008 Chino Hills earthquake
January 9, 2010	California	6.5	0	2010 Eureka earthquake
February 10, 2010	Illinois	3.8	0	2010 Illinois earthquake
July 7, 2010	California	5.4	0	2010 Borrego Springs earthquake
December 30, 2010	Indiana	3.8	0	2010 Indiana earthquake

Date	State(s)	Magnitude	Fatalities	Further information
August 22, 2011	Colorado	5.3	0	2011 Colorado earthquake
August 23, 2011	Virginia	5.9	0	2011 Virginia earthquake
September 2, 2011	Alaska	6.8	0	2011 Alaska earthquake
November 5, 2011	Oklahoma	5.6	0	2011 Oklahoma earthquake
January 5, 2013	Alaska	7.5	0	2013 Craig earthquake
June 23, 2014	Alaska	7.9	0	2014 Aleutian Islands earthquake
July 25, 2014	Alaska	5.9	0	2014 Southeast Alaska earthquake
August 24, 2014	California	6.0	1	2014 South Napa earthquake
September 25, 2014	Alaska	6.2	0	2014 Southern Alaska earthquake
January 24, 2016	Alaska	7.1	0	2016 Old Iliamna earthquake

#### Earthquake swarms which affected the United States:

- 1962-71 Denver earthquake swarm<sup>[2][3][4][5]</sup>
- Enola earthquake swarm
- 2008 Reno earthquakes
- Guy-Greenbrier earthquake swarm
- 2009–present Oklahoma earthquake swarms

#### Earthquakes which affected the United States but whose epicenters were outside the United States borders:

- 1925 Charlevoix–Kamouraska earthquake – magnitude 6.2 earthquake, no injuries or fatalities anywhere
- 2010 Baja California earthquake (Mexico near S California) - magnitude 7.2 earthquake, 4 fatalities and 100 injuries, none in the United States

#### Earthquakes which did not affect the United States directly, but caused tsunamis which did:

- 1960 Valdivia earthquake and tsunami - magnitude 9.5 earthquake, between 2200-6000 fatalities, including 61 in Hilo,HI
- 2006 Kuril Islands earthquake and tsunami – magnitude 8.3 earthquake, no injuries or fatalities anywhere
- 2009 Samoa earthquake and tsunami - magnitude 8.0 earthquake with an epicenter 120 miles (190 km) southwest of American Samoa generated tsunami waves up to 16 feet (5 m), killing 34 people in American Samoa and causing extensive damage<sup>[6]</sup>
- 2010 Chile earthquake and tsunami – magnitude 8.8 earthquake, ~525 fatalities and unknown number of injuries, none in the United States
- 2011 Tohoku earthquake and tsunami – magnitude 9.0 earthquake, 15,850-28,000 fatalities and 6,011 injured, one fatality and unknown number of injuries in the United States

- 2012 Haida Gwaii earthquake - magnitude 7.8 earthquake with an epicenter on Moresby Island in British Columbia, the second largest Canadian earthquake ever recorded by a seismometer, over 100,000 people were evacuated to higher ground in the state of Hawai'i

## See also

- List of historical tsunamis
- Lists of earthquakes

## References

1. "Historic Earthquakes: Santa Barbara, California". U.S. Department of the Interior. Retrieved 13 April 2012.
2. Healy, J.H.; Rubey, W.W.; Griggs, D.T.; Raleigh, C.B. (27 September 1968). "The Denver Earthquakes: disposal of waste fluids by injection into a deep well has triggered earthquakes near Denver, Colorado" (PDF). *Science* **161** (3848): 1301–1310. doi:10.1126/science.161.3848.1301. Retrieved 13 July 2015.
3. "Earthquakes". *Colorado Geological Survey*. Retrieved 13 July 2015.
4. "Colorado: Earthquake History". *USGS*. Retrieved 13 July 2015.
5. Calhoun, Patricia (24 August 2011). "Denver Earthquakes 40 Years Ago Were Caused by Uncle Sam, Not Mother Nature". *Westword*. Retrieved 13 July 2015.
6. Gibbons, Helen (November 2009). "USGS Scientists Respond to Deadly Samoa Tsunami". *United States Geological Survey*. Retrieved 5 May 2015.

## External links

- List of historic U.S. earthquakes (<http://earthquake.usgs.gov/regional/states/historical.php>) at the United States Geological Survey
- Earthquake data (<http://www.ngdc.noaa.gov/hazard/earthqk.shtml>) at the National Geophysical Data Center

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甲 号証 (List of earthquake in the United States) の訳

「アメリカ合衆国の地震一覧」

以下は、現在アメリカ合衆国の一部になっている地域に近年アメリカ合衆国に影響を与えている地域を加えた範囲内に震源がある、主要な地震と津波の一覧表です。

イタリック文字で書かれているものは、地震当時はアメリカ合衆国領ではなかったことを意味しています。

前略

- 1811年12月16日 ミズーリ州 M7.2-8.1 死者数不明 1811-1812 ニュー・マドリッド地震

中略

- 1973年10月 テネシー州 M4.6 死者数0 1973ノックスビル地震

中略

- 2003年4月29日 アラバマ州 M4.6 死者数0 2003アラバマ地震

後略