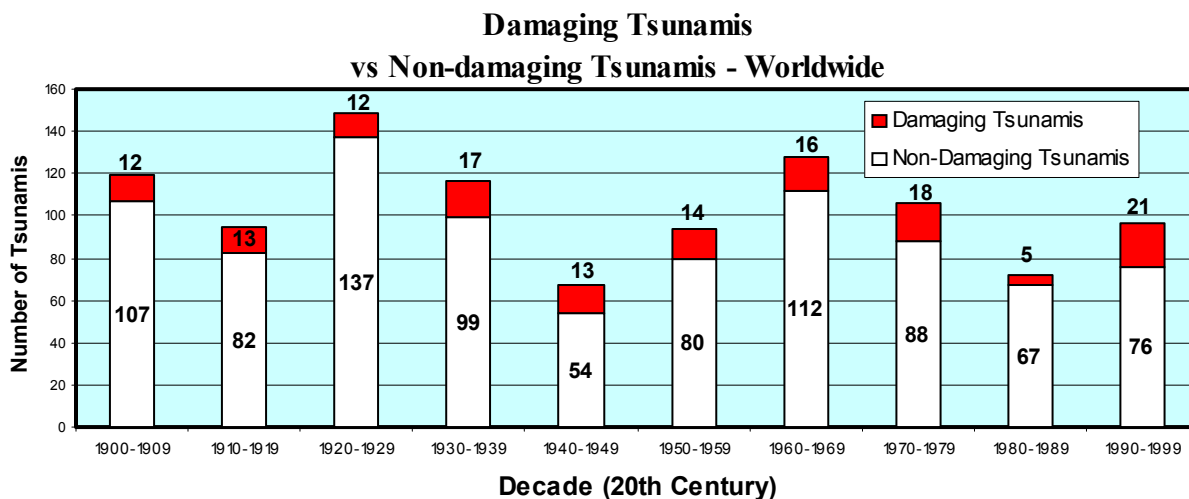


# Tsunami Statistics



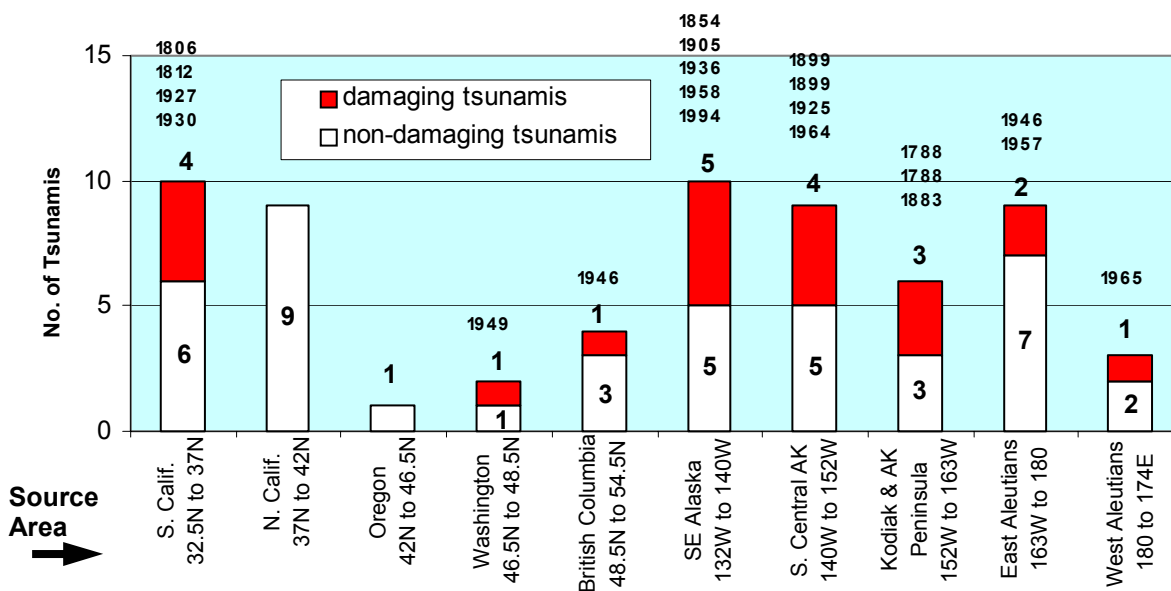
## Most Damaging Tsunamis Worldwide

Deaths	Year	Location Name	Deaths	Year	Location Name
40000	1782	S. CHINA SEA	3620	1899	BANDA SEA, INDONESIA
36500	1883	S. JAVA SEA	3000	1692	JAMAICA
30000	1707	TOKAIDO-NANKAIDO, JAPAN	3000	1854	NANKAIDO, JAPAN
26360	1896	SANRIKU, JAPAN	3000	1933	SANRIKU, JAPAN*
25674	1868	N. CHILE	2243	1674	BANDA SEA, INDONESIA
15030	1792	SW. KYUSHU ISLAND, JAPAN	2182	1998	PAPUA NEW GUINEA
13486	1771	RYUKYU TRENCH	2144	1923	TOKAIDO, JAPAN
8000	1976	MORO GULF, PHILIPPINES	2000	1570	CHILE
5233	1703	TOKAIDO-KASHIMA, JAPAN	1997	1946	NANKAIDO, JAPAN
5000	1605	NANKAIDO, JAPAN	1700	1766	SANRIKU, JAPAN
5000	1611	SANRIKU, JAPAN	119	1964	ALASKA, USA
3800	1746	LIMA, PERU			

*Note: Statistics quoted before 20<sup>th</sup> Century are approximate*

## Historical Tsunamis Along U.S. Pacific Coast

- West Coast & Alaska Tsunami Warning Center Area of Responsibility -  
(1788-Present)



Source of data: National Geophysical Data Center, NOAA

# Earthquake Statistics

## Frequency of Earthquakes Worldwide<sup>1</sup>

<i>Descriptor</i>	<i>Magnitude</i>	<i>Annual average</i>
<i>Great</i>	8 or higher	1
<i>Major</i>	7–7.9	18
<i>Strong</i>	6–6.9	120
<i>Moderate</i>	5–5.9	800
<i>Light</i>	4–4.9	c. 6,200
<i>Minor</i>	3–3.9	c. 49,000
<i>Very minor</i>	2–3	c. 1,000 <sup>2</sup>
<i>Very minor</i>	1–2	c. 8,000 <sup>2</sup>

1. Since 1900. 2. Per day

## The Ten Largest Earthquakes of the Past Century

<b>Country or place</b>	<b>Date</b>	<b>Magnitude<sup>1</sup></b>
Chile	May 22, 1960	9.5
Alaska	March 27, 1964	9.2
Russia	Nov. 4, 1952	9.0
Ecuador	Jan. 31, 1906	8.8
Alaska	March 9, 1957	8.8
Kuril Islands	Nov. 6, 1958	8.7
Alaska	Feb. 4, 1965	8.7
India	Aug. 15, 1950	8.6
Argentina	Nov. 11, 1922	8.5
Indonesia	Feb. 1, 1938	8.5

1. MOMENT MAGNITUDE

## Largest Earthquakes in the United States

<b>Rank</b>	<b>Magnitude</b>	<b>Date</b>	<b>Location</b>
1	9.2	March 27, 1964	Prince William Sound, Alaska
2	8.8	March 9, 1957	Andreanof Islands, Alaska
3	8.7	Feb. 4, 1965	Rat Islands, Alaska
4	8.3	Nov. 10, 1938	East of Shumagin Islands, Alaska
5	8.3	July 10, 1958	Lituya Bay, Alaska
6	8.2	Sept. 10, 1899	Yakutat Bay, Alaska
7	8.2	Sept. 4, 1899	Near Cape Yakataga, Alaska
8	8.0	May 7, 1986	Andreanof Islands, Alaska
9	7.9	Feb. 7, 1812	New Madrid, Missouri
10	7.9	Jan. 9, 1857	Fort Tejon, California
11	7.9	April 3, 1868	Ka'u District, Island of Hawaii
12	7.9	Oct. 9, 1900	Kodiak Island, Alaska
13	7.9	Nov. 30, 1987	Gulf of Alaska
14	7.8	March 26, 1872	Owens Valley, California
15	7.8	Feb. 24, 1892	Imperial Valley, California

Source of Data: National Earthquake Information Center, U.S.G.S.