



Sat Feb 27 22:48:29 GMT 2010



Advisory in effect

Tsunami message from WCATWC

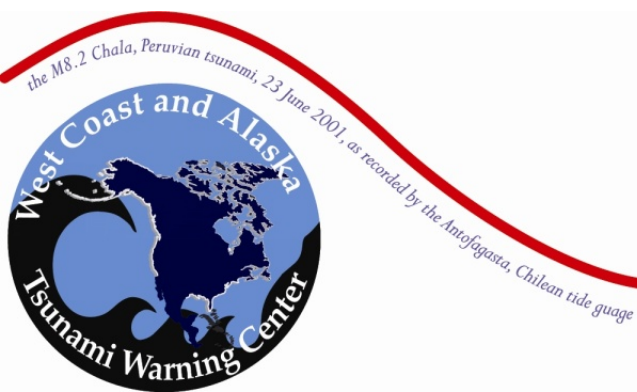
To: U.S. West Coast, Alaska, and British Columbia coastal regions

From: NOAA/NWS/West Coast and Alaska Tsunami Warning Center

Subject: Tsunami Advisory #17 issued 02/27/2010 at 2:46PM PST

A Tsunami Advisory is in effect which includes the coastal areas of California, Oregon, Washington, British Columbia and Alaska from the California-Mexico border to Attu, Alaska.

A **Tsunami Advisory** means that a tsunami capable of producing strong currents or waves dangerous to persons in or very near the water is imminent or expected. Significant, widespread inundation is not expected for areas under an advisory. Currents may be hazardous to swimmers, boats, and coastal structures and may continue for several hours after the initial wave arrival.



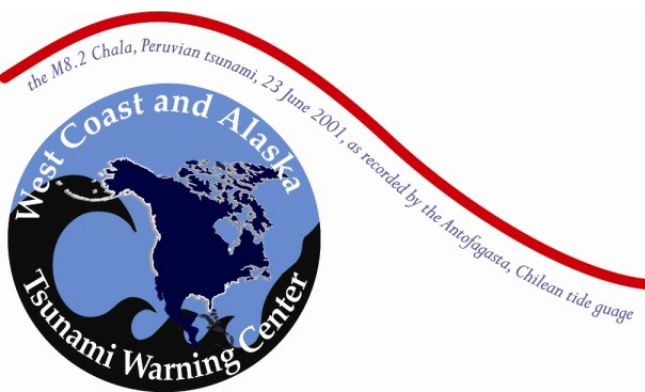


At 10:34 PM Pacific Standard Time on February 26, an earthquake with preliminary magnitude 8.8 occurred near the coast of central Chile. (Refer to the United States Geological Survey for official earthquake parameters.) This earthquake **has** generated a tsunami which could cause damage to coastal regions in a warning or advisory. Estimated tsunami arrival times and maps along with safety rules and other information can be found on the WCATWC web site.

A tsunami has been observed at the following sites:

Location	Lat.	Lon.	Time	Amplitude
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Arena Cove CA	38.9N	123.7W	2044UTC	0.39M/1.3ft
Crescent City CA	41.7N	124.2W	2144UTC	0.36M/1.2ft
San Fransico CA	37.8N	122.5W	2120UTC	0.26M/0.8ft
Los Angeles CA	33.7N	118.3W	2043UTC	0.42M/1.4ft
Monterey Harbor CA	36.6N	121.9W	2036UTC	0.30M/1.0ft
North Spit CA	40.8N	124.2W	2132UTC	0.15M/0.5ft
Point Reyes CA	38.0N	123.0W	2144UTC	0.31M/1.0ft
Santa Barbara CA	34.4N	119.7W	2031UTC	0.44M/1.5ft
Port Orford OR	42.7N	124.5W	2133UTC	0.24M/0.8ft
Santa Monica CA	34.0N	118.5W	2024UTC	0.66M/2.2ft

The tsunami continues impacting the U.S. California coast and has been observed on several tide gages. Reports indicate that navigational buoys in Ventura Harbor have been damaged. The largest observed tide gage reading was measured in Santa Monica, CA with a rise above normal of 0.66M or 2.2 ft. The tsunami in California is expected to continue to be dangerous





for the next three hours. Impact in Oregon, Washington, and British Columbia is expected to be lower than observed in California.

Time - Time of measurement.

Amp. - Tsunami amplitudes are measured relative to normal sea level. It is **NOT** crest-to-trough wave height. Values are given in both meters (M) and feet (FT).

Tsunamis can be dangerous waves that are not survivable. Wave heights are amplified by irregular shoreline and are difficult to forecast. Tsunamis often appear as a strong surge and may be preceded by a receding water level. Mariners in water deeper than 600 feet should not be affected by a tsunami. Wave heights will increase rapidly as water shallows. Tsunamis are a series of ocean waves which can be dangerous for several hours after the initial wave arrival. DO NOT return to evacuated areas until an all clear is given by local civil authorities.

The Pacific Tsunami Warning Center in Ewa Beach, Hawaii will issue messages for Hawaii and other areas of the Pacific outside the states and provinces listed above.

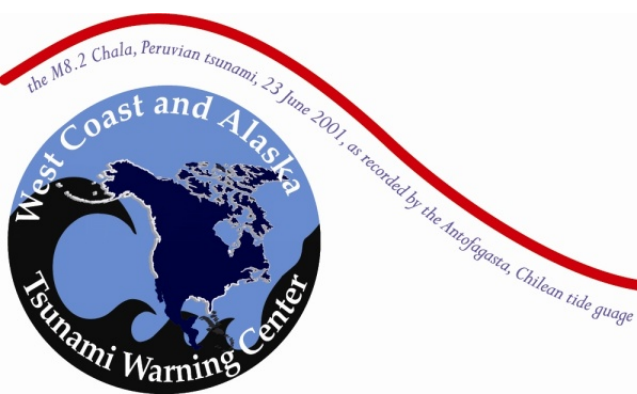
This message will be updated in 60 minutes or sooner if the situation warrants. The tsunami message will remain in effect until further notice. For further information stay tuned to NOAA Weather Radio, your local TV or radio stations, or see the WCATWC web site.

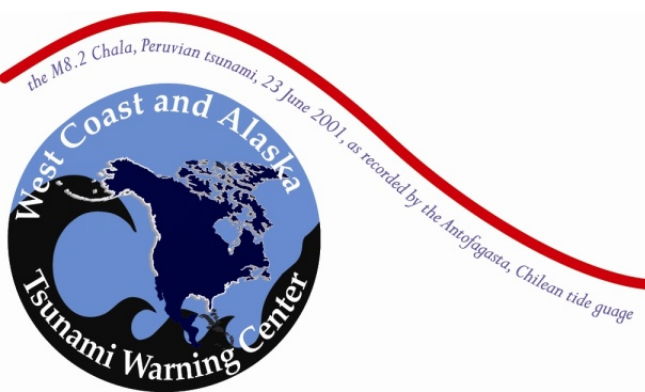
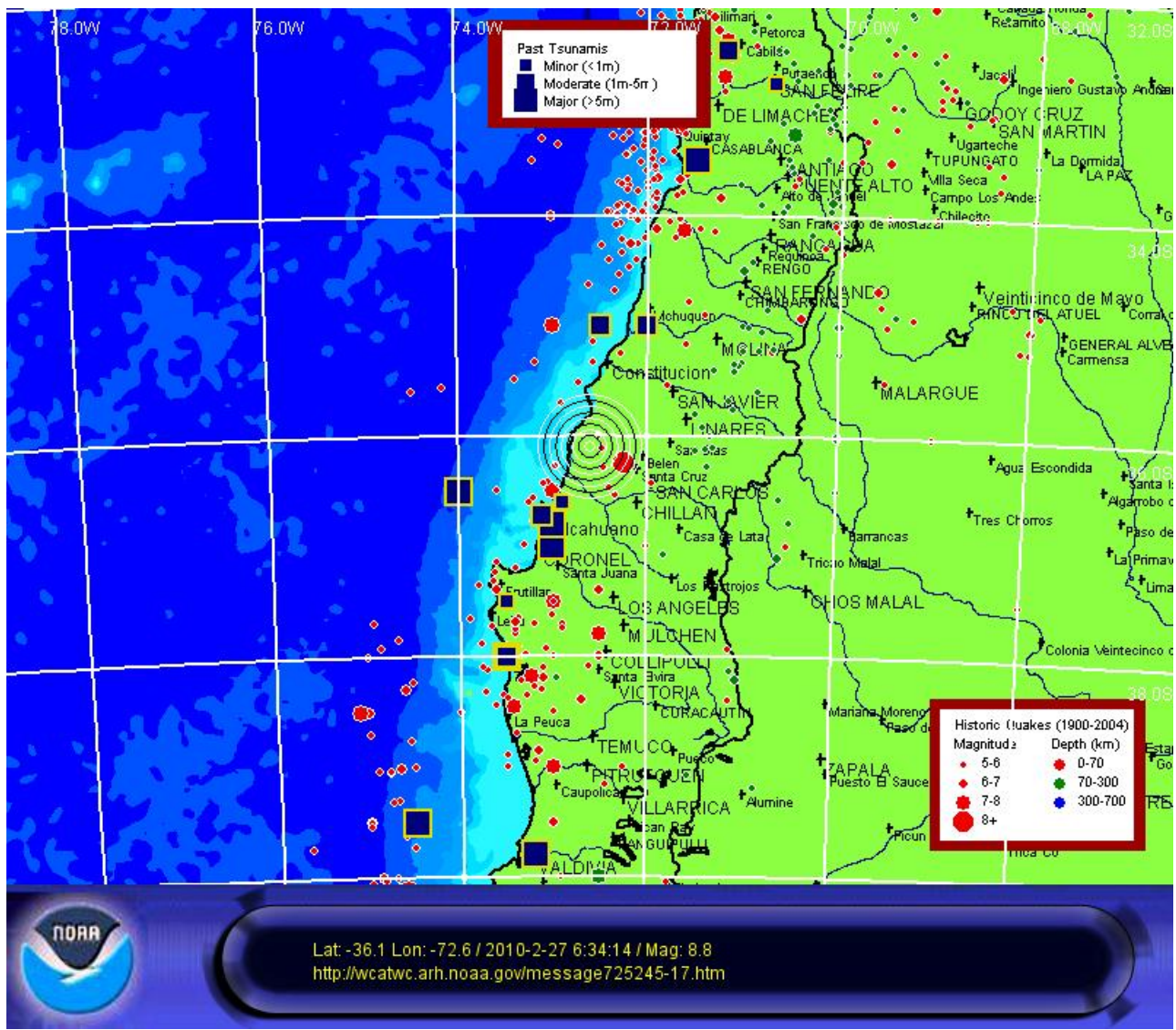
[Link to Standard Warning Message](#)

[Link to Public Warning Message](#)

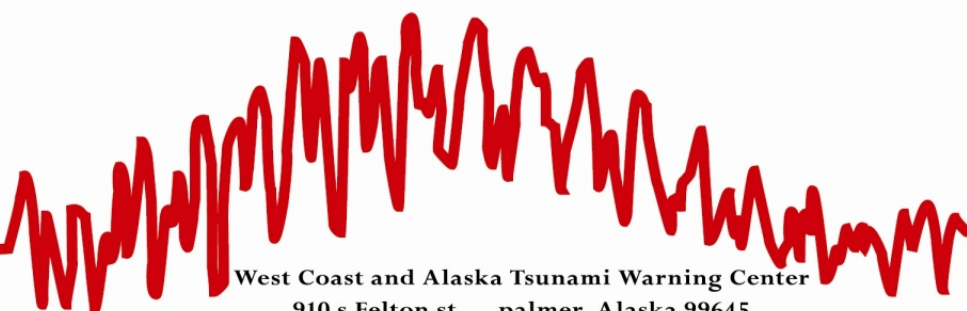
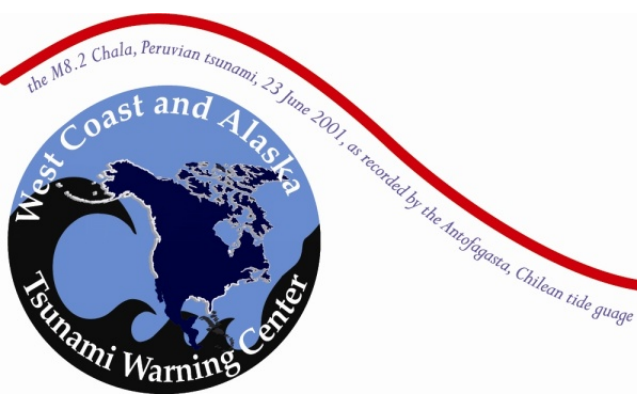
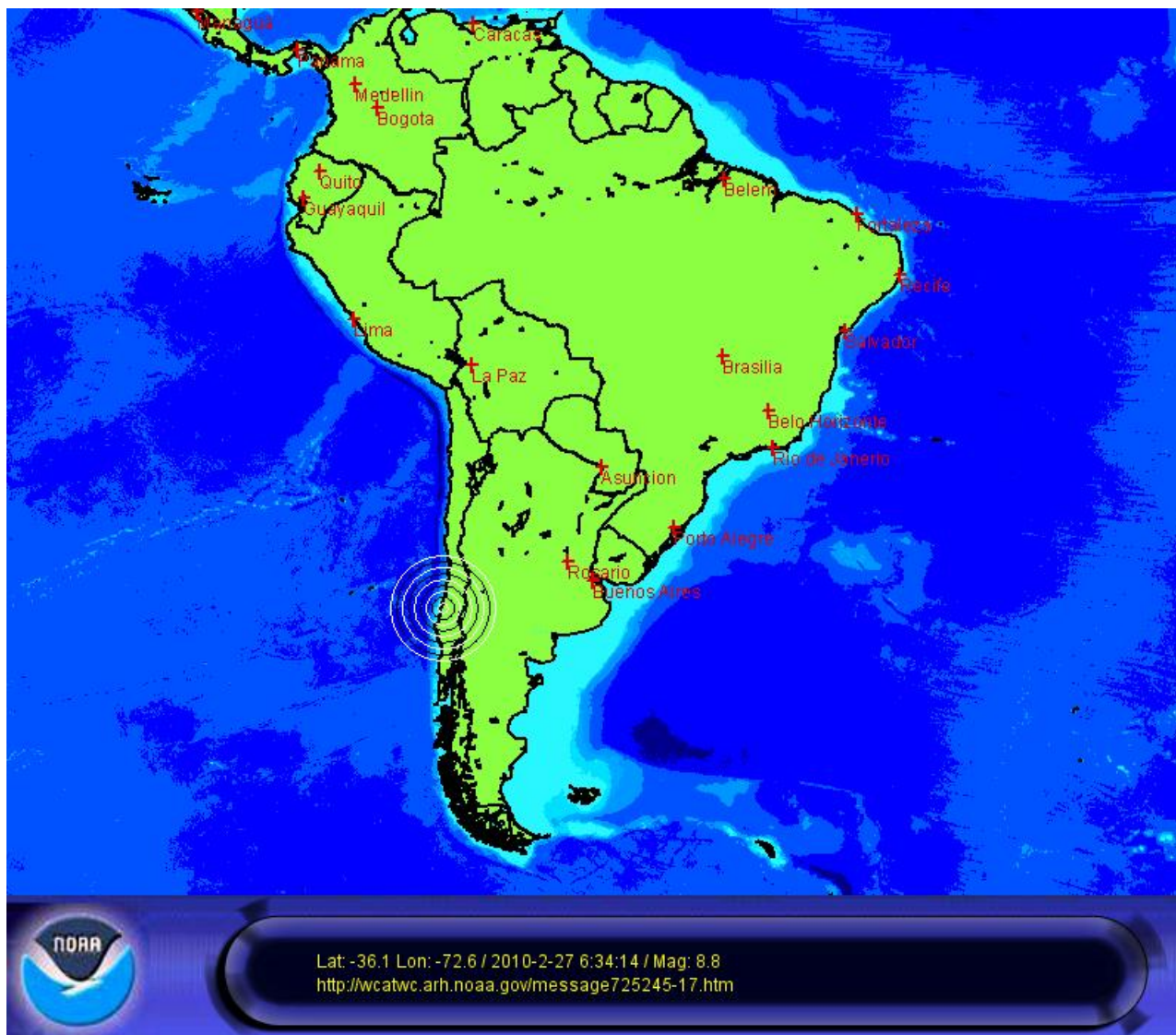
[Link to XML/CAP Message](#)

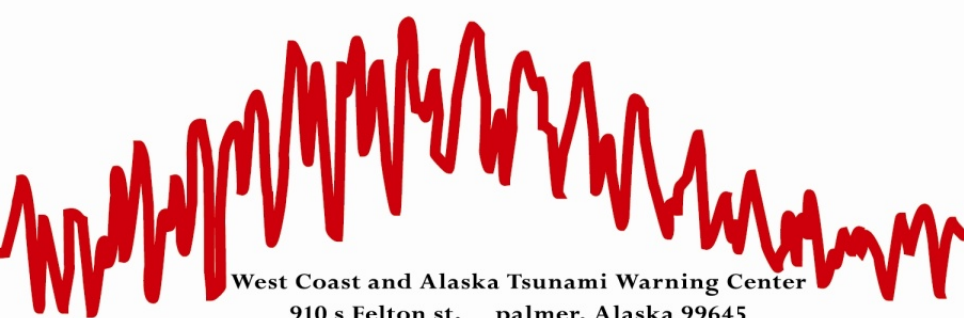
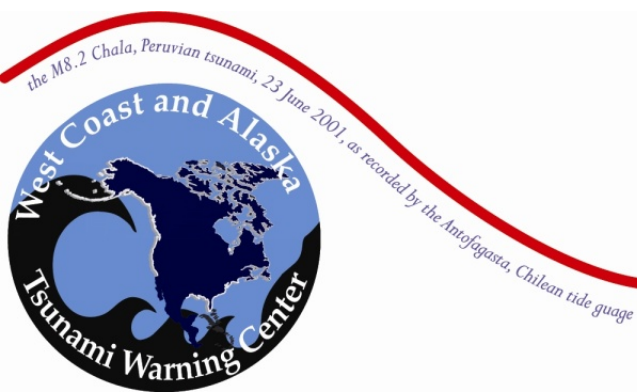
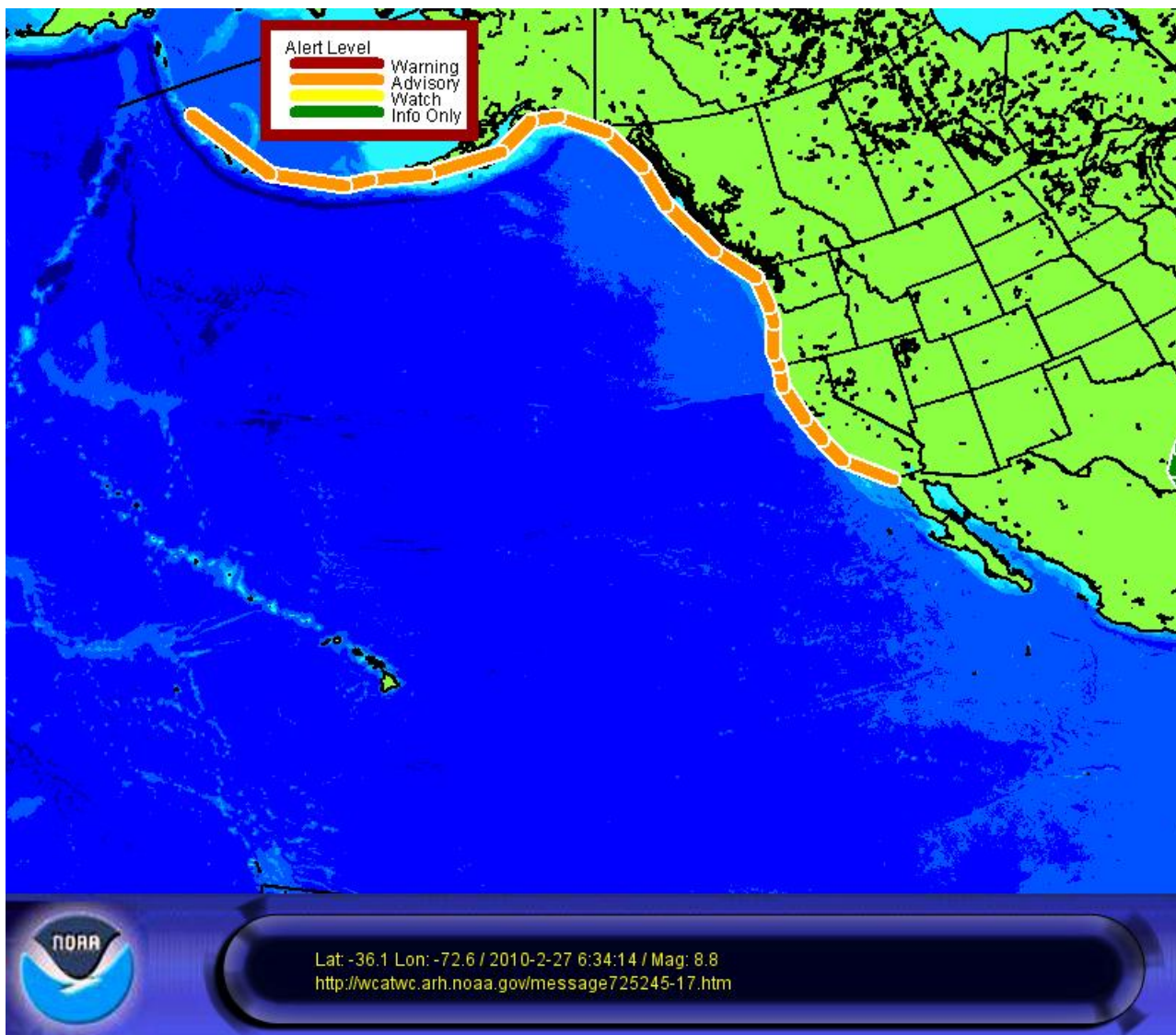
[Link to Printable Message](#)





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