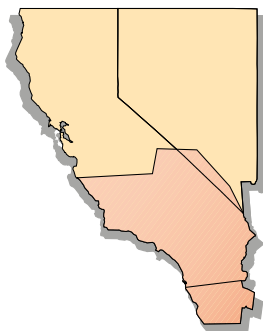


The Seismo-Watch Earthquake Report

Southern California

November 13 - 19, 2003



Seismo says...™



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Produced by:

**Charles P. Watson
Seismo-Watch, Inc.**

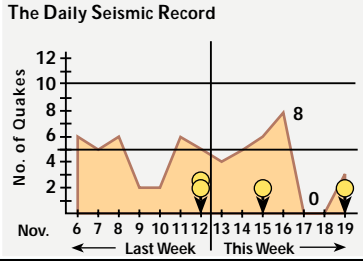
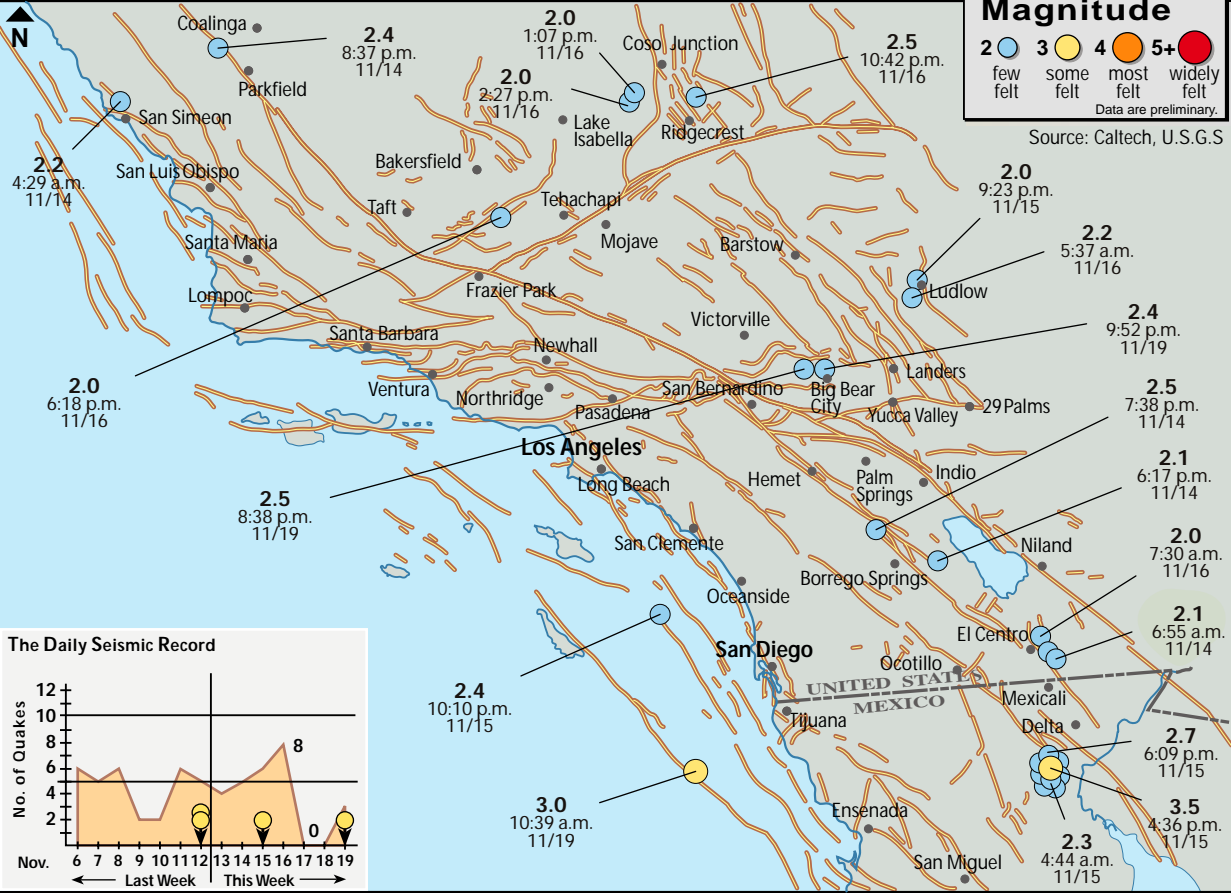
Feel an earthquake?
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Seismo-Watch

By Charles P. Watson, Chief Geologist

November 13 - 19, 2003



Magnitude M≥	2	3	4+	Total
Regional	24	2	0	26
Last week	30	2	0	32

▼ The number of earthquakes in the Southland declined from the previous week, falling by six and posting only 26 events – the fewest in three weeks. Two quakes registered in the M 3.0 range, bringing November's tally to nine and on target to match October's robust tally of 14. This is two to three times as many recorded from July to September.

▼ Activity continued south of the Mexi-

can border along the southeastern side of the Laguna Salada Valley following the M 4.3 earthquake on October 8. Nine more quakes were detected, bringing the seven-week tally to 48, including four M 3.0s. The activity forms a north-south trend that spans more than eight miles long. Similar swarm have occurred here several times since detailed seismic monitoring began in 1932. The most robust swarm occurred in 1976 and consisted of 63 quakes measured M 3.0 or stronger, including nine M 4.0s and one as large as M 5.0 on January 10.

▼ Two quakes were recorded off shore, a M 3.0 about 45 miles southwest of Tijuana and a M 2.4 about 35 miles southwest of Oceanside.

▼ Two quakes measuring M 2.5 and M 2.4 triggered in the San Bernardino Mountains. No activity was recorded in Los Angeles, Orange, Santa Barbara or Ventura Counties.

▼ A M 2.5 temblor was detected north-east of Ridgecrest in China Basin and a couple small M 2.0s were recorded in the Walker Pass area. On the coast near San Simeon was a M 2.2 temblor.

