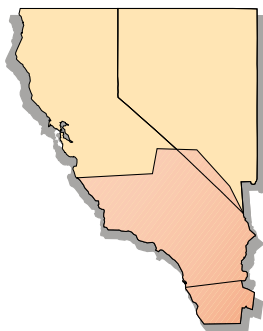


# The Seismo-Watch Earthquake Report

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## Southern California

October 24 - 30, 2002



Seismo says...™



Avoid large windows  
when dashing to a safer place!

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**Produced by:**

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

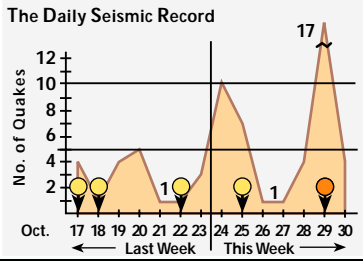
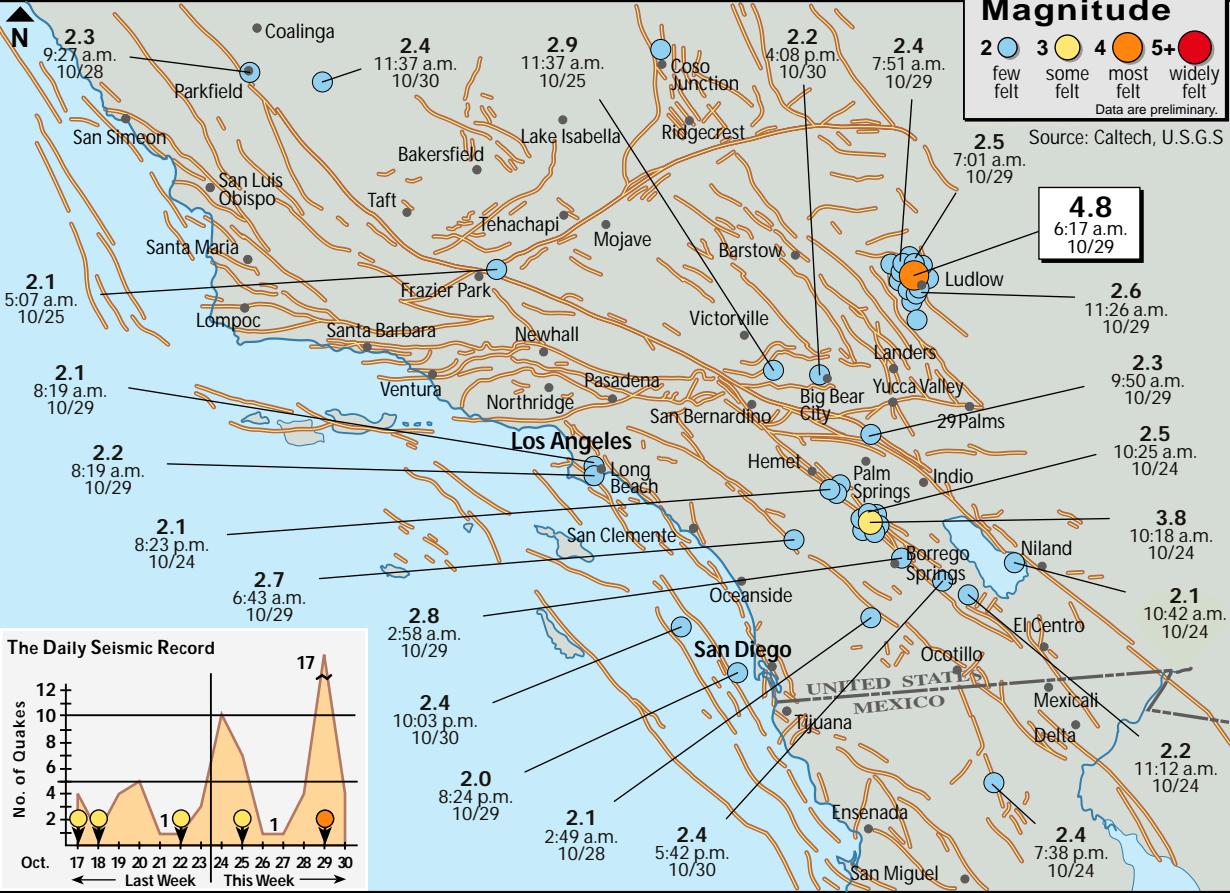
Feel an earthquake?  
Look, listen and sense the event, then..

visit: <http://www.seismo-watch.com>  
or call: 1-800-852-2960

# Seismo-Watch

By Charles P. Watson, Chief Geologist

October 24 - 30, 2002



Magnitude M≥2	2	3	4+	Total
Regional	40	1	1	42
Last week	15	3	0	18

▼ Seismicity increased significantly from the previous week, more than doubling and topping the 40 quake-per-week mark for the first time in seven months. The jump follows one of the quietest weeks since June.

▼ Including the pair of events this week, 29 earthquakes in the Southland have registered M 3.0 or stronger in the past two months. Seven of these events have occurred in the Lavic Lake (Hector Mine) aftershock zone. Before this, about one occurred every month.

▼ At 6:17 a.m. on Tuesday, Oct. 29, a M 4.8 earthquake shook the High Desert near Ludlow. It occurred 8 mi. northwest of town on the north side of the Cady Mountains east of the Hector Mine. The focal depth was 4.6 km deep and the type of fault motion was strike-slip (sideways movement). It shook a wide area, with felt reports extending from Trona to Riverside. Including a few other nearby events, it was followed by 16 aftershocks, but none registered

stronger than M 2.6. It was centered a few miles north of the Lavic Lake aftershock zone, suggesting it was a delayed tectonic stress adjustment by nearby rocks following the strong M 7.1 earthquake on Oct. 16, 1999.

▼ Activity increased along the San Jacinto fault zone, producing 12 quakes, including one as large as M 3.8. Light shaking was felt from Palm Springs to Poway.

▼ A M 2.7 was felt on the 29th in Temecula and three quakes measuring M 2.2 and M 2.1 recorded at Long Beach.

▼ Activity in Baja was noticeably down.

