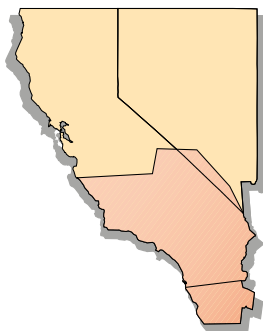


The Seismo-Watch Earthquake Report

Southern California

March 11-17, 2004



Seismo says...™

Teach your children
the escape routes.



Produced by:

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

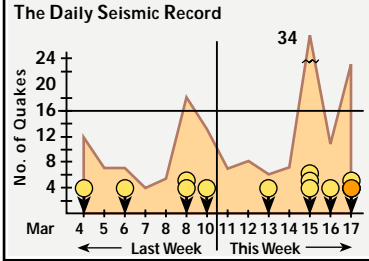
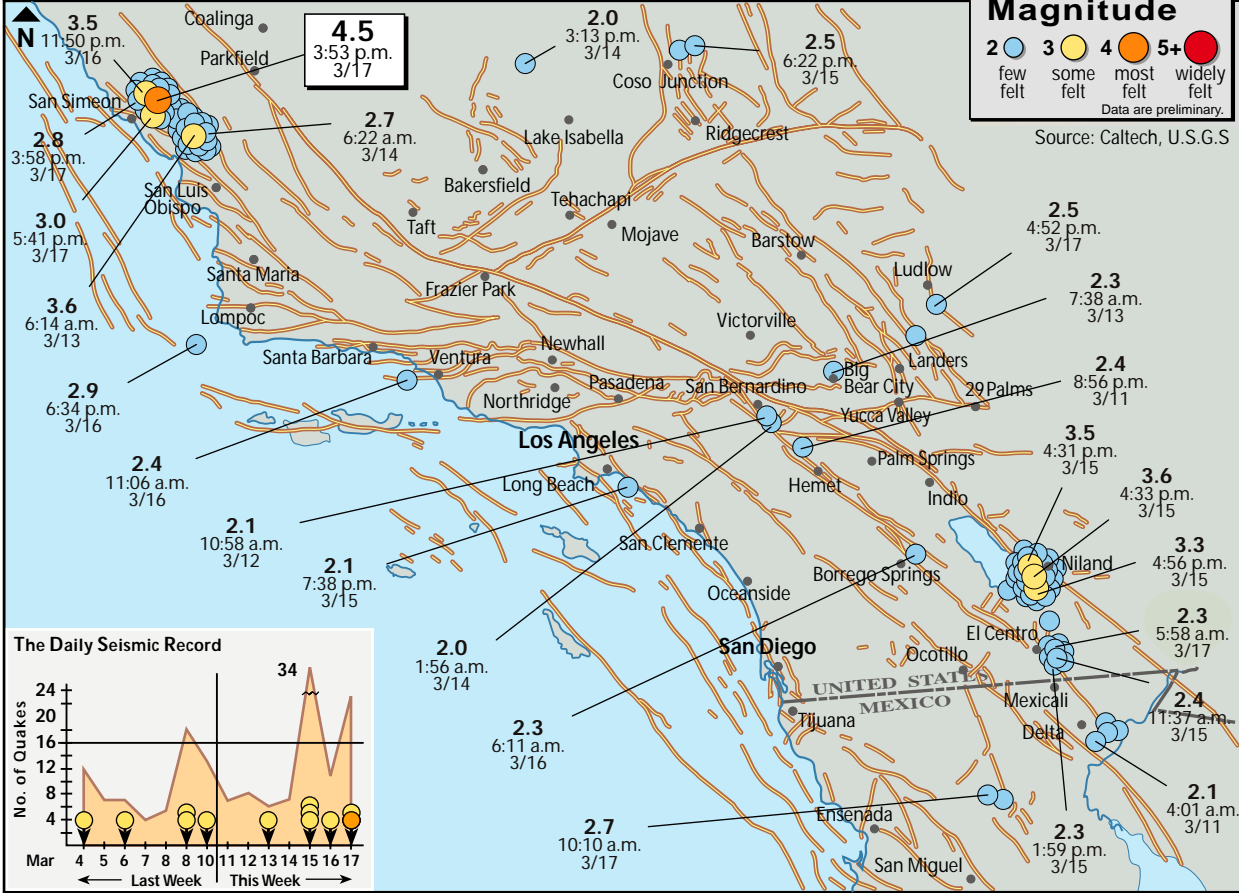
Feel an earthquake?
Look, listen and sense the event, then..

visit: <http://www.seismo-watch.com>

Seismo-Watch

By Charles P. Watson, Chief Geologist

March 11-17, 2004



Magnitude M≥2	2	3	4+	Total
Regional	89	6	1	96
Last week	61	5	0	66

▼ The San Simeon aftershock zone busted loose on March 17 with its largest quake in three months, a M 4.5 at 3:53 p.m. It triggered three miles northeast of the initial M 6.5 earthquake epicenter near the Grizzly Bend of Nacimiento Reservoir. The type of fault motion was thrust and the focal point was only 2.0 km deep, suggesting that the quake did not occur along the main rupture plane which would be much deeper in this

area. Windows rattled, pictures were knocked askew, and some people were frightened. Three quakes in the M 3.0 range triggered earlier in the week. ▼ It began at 4:06 p.m. on Monday, March 15, with a minor M 2.3 event along the southeastern shore of the Salton Sea near Obsidian Buttes. There was a brief, 14-minute pause, then the swarm took off, producing 14 quakes in the next 35 minutes, including three in the M 3.0 range. The two largest measured M 3.5 and M 2.6 and occurred within two minutes of each other. The focal depths were shallow, only

2-3 km deep. A little further south in Imperial Valley was a smaller 8-event sequence that began on the 14th and continued to the end of the reporting period. The largest measured a modest M 2.4. ▼ A M 2.9 triggered off the coast off Point Arguello and a M 2.1 was recorded seven miles west of Huntington Beach. ▼ A M 2.3 occurred in the San Bernardino Mountains at Big Bear, a couple of M 2.0s triggered on the High Desert north of Landers, and the largest of three quakes along the San Jacinto Fault between San Bernardino and Hemet measured M 2.4.

