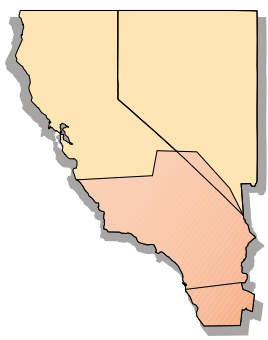


The Seismo-Watch Earthquake Report

Southern California

February 13 - 19, 2003



Seismo says...™



Beware of aftershocks
following a major earthquake!

Produced by:

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

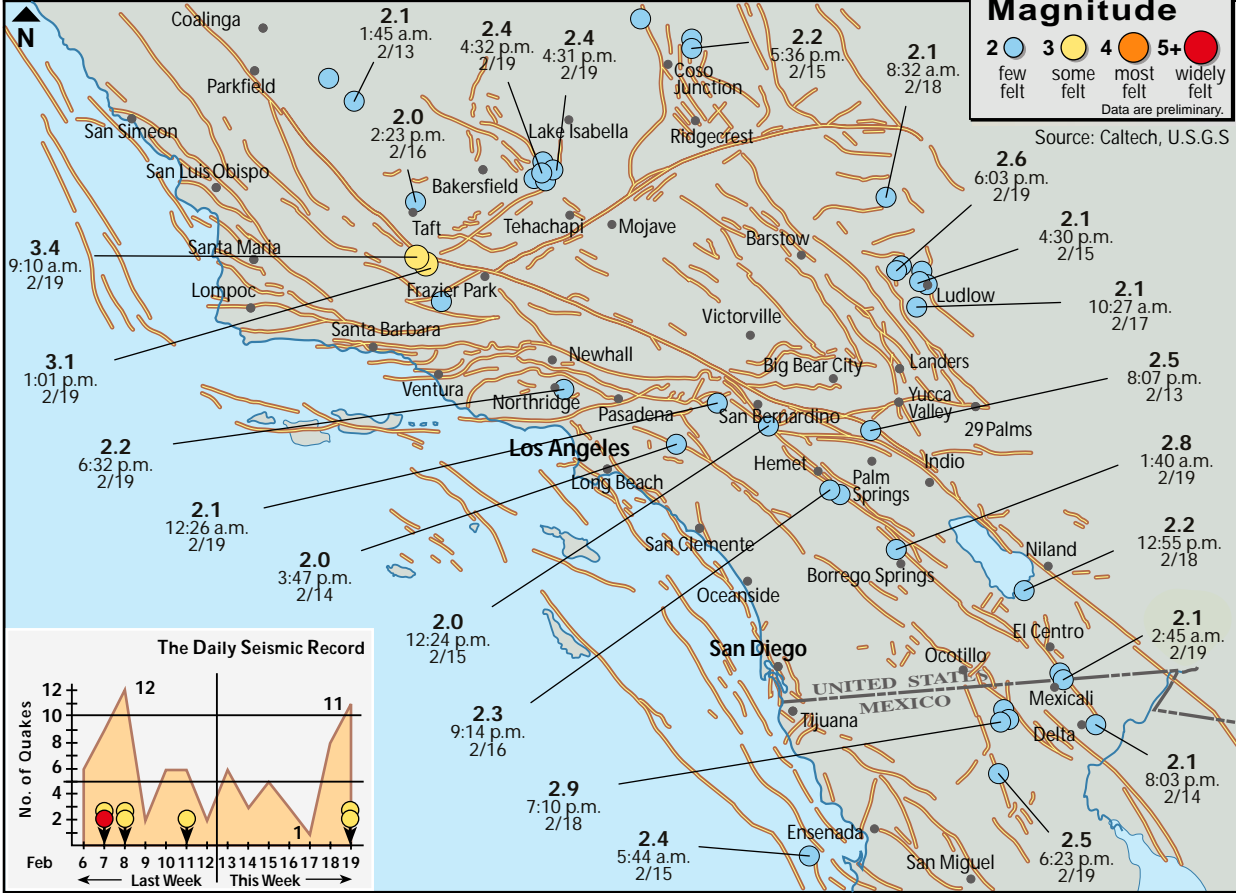
Feel an earthquake?
Look, listen and sense the event, then..

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

Seismo-Watch

By Charles P. Watson, Chief Geologist

February 13 - 19, 2003



Magnitude M≥2	2	3	4+	Total
Regional	35	2	0	37
Last week	37	4	1	43

- ▼ The number of earthquakes for the week of February 13-19 declined slightly, falling by six events and back to the 30 quake-per-week level. The intensity of seismicity relaxed as well, producing only two quakes in the M 3.0 range. Eight days passed from February 11 to the 19th before a M 3.0 temblor occurred – one of the longest gaps in several months.
- ▼ The distribution of tectonic activity

changed appreciably, posting more activity in the central part of the region, including the mountain ranges from Palm Springs to San Fernando Valley, and in the High Desert north of Landers. Most were small, however, none registering stronger than M 2.6. Also of note was the reduced activity in the earthquake swarm northwest of Caliente where only five quakes were recorded, the fewest in several weeks.

▼ The largest earthquakes measured M 3.4 and M 3.1 and occurred on Wednesday, February 19, about 18 miles south of Taft at the western end of the San Emigdio Moun-

tains. They occurred along the San Andreas Fault where the fault bends back northwestward after trending westerly as it cuts through the Transverse Range.

▼ A quake measuring M 2.5 occurred a few miles northwest of Desert Hot Springs along the Mission Creek Fault. Seismicity here is uncommon.

▼ The largest of three quakes along the San Jacinto fault zone measured M 2.8 and was centered a few miles northwest of Borrego Springs. The strongest of seven quakes along the Mexican border measured M 2.8.

▼ Seismicity returned to the Coso area.

