
Northern Bay Area Earthquake Report

April 17 - 23, 2003

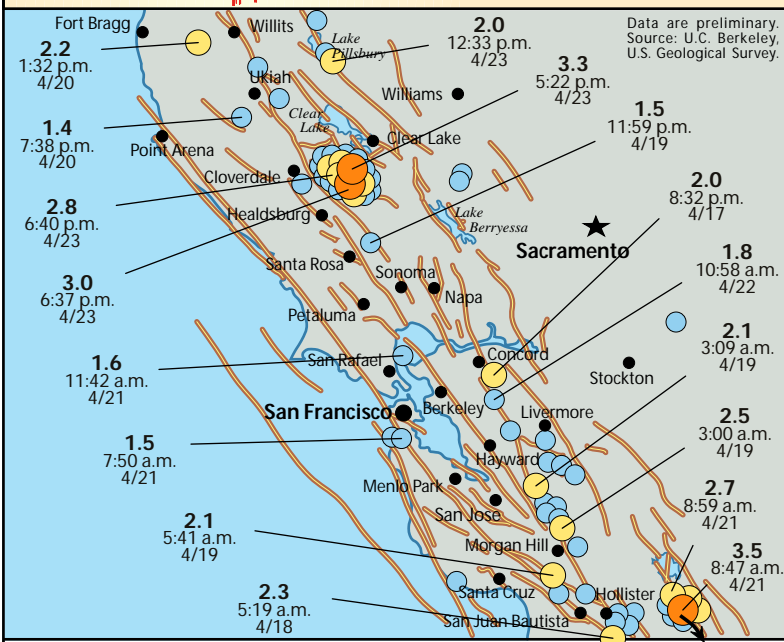
Seismo says...™



April is California
Earthquake Preparedness Month

By: Charles P. Watson, Chief geologist
Seismo-Watch, Inc.

Feel an earthquake? Look, listen and sense the event, then..
Visit: <http://www.seismo-watch.com>



Data are preliminary. Source: U.C. Berkeley, U.S. Geological Survey.

Magnitude

- **4+** most felt
- **3** some felt
- **2** few felt
- **1** not felt

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Magnitude $M \geq 1.0$	1	2	3+	Total
Regional	35	9	1	45
Last week	40	0	0	40
The Geysers	76	5	2	76
Last week	62	6	1	69

- ▼ The number of earthquakes remained at the 40 quake-per-week mark for the second straight week. The intensity of seismicity jumped, producing ten as many quakes registering M 2.0 or stronger. None were recorded last week.
- ▼ The largest earthquake measured M 3.5 and occurred in the Central California Coast Range east of San Benito. Light ground shudders were locally felt. It was followed by six aftershocks, three of which reached the M 2.0 level and the largest measured M 2.7. The activity was centered in

nearly the same location as a M 3.0 on March 7.

- ▼ The Calaveras Fault between Morgan Hill and Sunol produced seven quakes, including a pair in the M 2.0 range, a M 1.8 temblor was the lone event in San Ramon Valley, and last week's series near Concord relaxed to a single M 2.0 event. A quake measuring M 1.6 triggered on the northern Hayward Fault north of the Richmond-San Rafael Bridge in San Rafael Bay and a couple of M 1.0s happened south of San Francisco at Pacifica.
- ▼ A quake measuring M 3.3 occurred Wednesday evening, April 23 along the southeastern The Geysers geothermal area near Castle Rock Springs. Although the focal depth was at 14 km deep, local residents were shaken hard. At Anderson Springs, items were knocked from tables and shelves, some breaking when they hit the floor. It was quickly followed by a few aftershocks, one of which measured M 3.0 and startled people.

Regional seismic record

