

Northern Bay Area Earthquake Report

Dec. 26, 2002 - Jan. 1, 2003

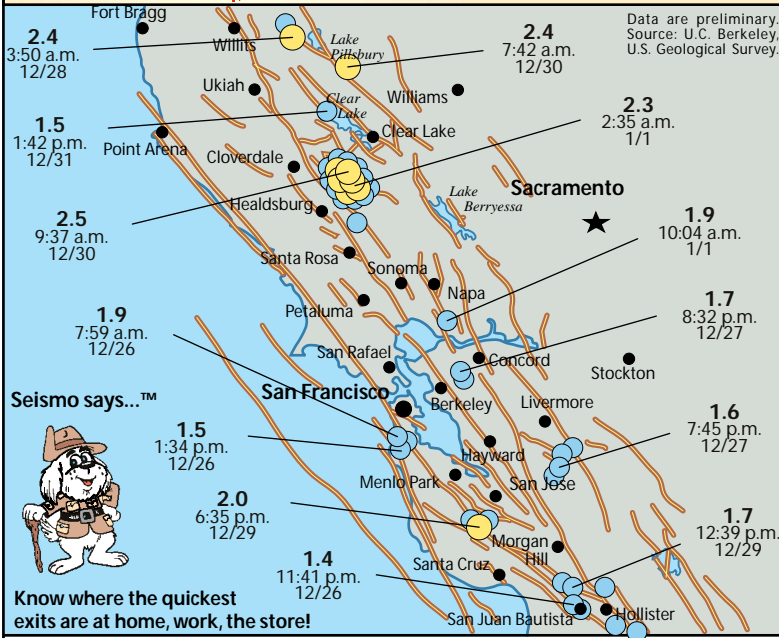
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**By: Charles P. Watson, Chief geologist
Seismo-Watch, Inc.**

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Magnitude

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

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Magnitude M ≥ 1.0	1	2	3+	Total
Regional	22	3	0	25 *
Last week	24	3	1	28
The Geysers	28	5	0	33 *
Last week	61	0	0	69

Orinda were two quakes measuring M 1.7 and M 1.5. To the north in Vallejo and near the junction of Highways 37 and 29 was a quake registering M 1.9. It occurred in nearly the same location as a M 1.6 last week and not far from the presumed epicenter of the 1898 Mare Island M 6.5 earthquake. This later earthquake caused severe damage as far away as Petaluma, but these current events passed without any attention.

- ▼ Earthquake activity remained at the 30 quake-per-week level for the third straight week – a relaxed level not seen in over a year and a half. The intensity of seismicity relaxed as well, producing only five quakes registering M 2.0 or stronger, none of which reached the M 3.0 level – the first lapse in three weeks.
- ▼ Earthquake activity continued on the San Francisco Peninsula near Pacifica following last week's M 3.6 jolt. Three events were recorded, the strongest of which measured M 1.9. Across the bay in

- ▼ The largest of two quakes in the Coast Range northeast of Potter Valley along the Eel River at Lauder Flats measured M 2.4. A similar magnitude event was detected southeast of Lake Pillsbury in a remote area near the Colusa-Lake County Line.
- ▼ Activity at The Geysers declined sharply, falling to the fewest in over a year. The decline is most likely due to incomplete data processing.
- ▼ Action near Hollister was relaxed and a M 2.0 triggered in the Santa Cruz Mtns, near Castle Rock.

Regional seismic record

