

# *Seismo-Watch*

## **Brief Western Great Basin Earthquake Report**

**Oct. 27 - Nov. 2, 2002**

Seismo says...™

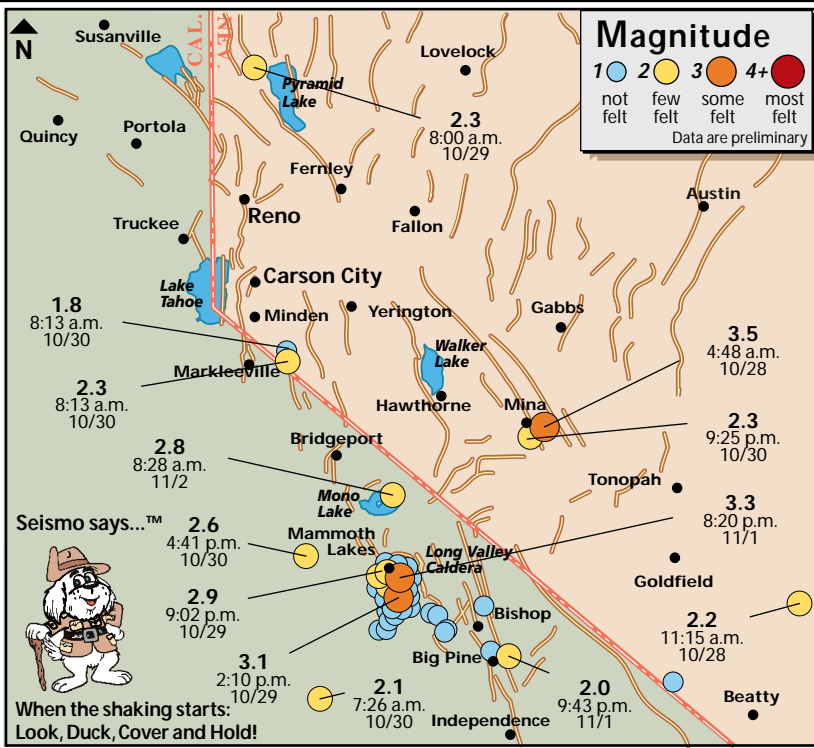


**Carry an emergency  
survival kit in your car!**

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

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

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



# Seismo-Watch

Oct. 27 - Nov. 2, 2002

Magnitude M≥1	1	2	3+	Total
<b>Regional (w/o Mammoth)</b>	<b>9</b>	<b>8</b>	<b>1</b>	<b>18</b>
Last week	10	4	1	15
<b>Mammoth Lakes region</b>	<b>30</b>	<b>4</b>	<b>2</b>	<b>36</b>
Last week	16	3	1	20

▼ Regional earthquake activity remained in the teens for the third straight week, a relaxed level not seen since August. The intensity of seismicity increased, however, producing eight quakes measuring M 2.0 or stronger, including one in the M 3.0 range – the fifth in the last six weeks.

▼ The largest earthquake measured M 3.5 and occurred at 4:48 a.m. on Oct. 28 a few miles east of Mina in the Pilot Mountains. It appears it was not centered along the Pilot Mountain fault zone, which is located along the western margin of the range front, but within the northern part of the range, perhaps on a splay or a cross fault.

▼ Two more quakes registered in the M 3.0 range near Mammoth Lakes, bringing the tally to eight in the past five weeks. This is an extraordinary number considering none occurred in the previous four months. The largest quake measured M 3.3 and occurred on Nov. 1 along the caldera margin west of Lake Crowley. Two days earlier, a M 3.1 triggered in the High Sierra near Red Slate Mountain. Strangely, no one reported feeling either quake.

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

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Source: NV Bureau of Mines & Geology, UNR Seismological Lab., U.S. Geological Survey **Get FREE e-mail Earthquake Alert Bulletins at: <http://www.seismo-watch.com>**

## Weekly seismic record - Western Basin & Range - not including Mammoth Lakes

