

# *Seismo-Watch*

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

**June 30 - July 6, 2002**

Seismo says...™

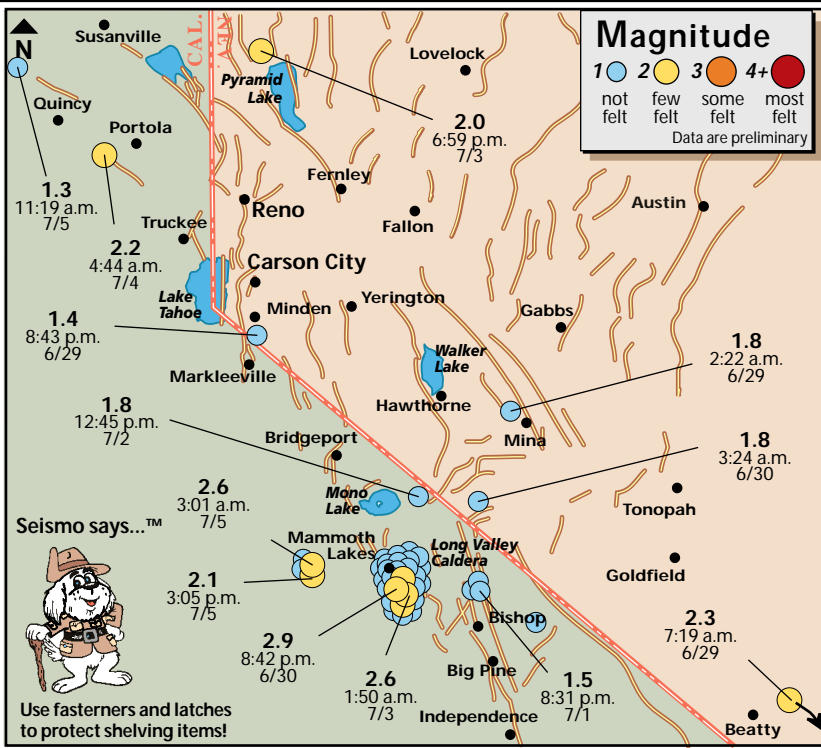


**Use fasteners and latches  
to protect shelving items!**

**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



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## June 30 - July 6, 2002

Magnitude M≥1	1	2	3+	Total
<b>Regional (w/o Mammoth)</b>	<b>11</b>	<b>5</b>	<b>0</b>	<b>16</b>
Last week	11	9	2	22
<b>Mammoth Lakes region</b>	<b>44</b>	<b>4</b>	<b>0</b>	<b>48</b>
Last week	22	3	0	25

▼ Regional earthquake activity declined from the previous week, falling six events and back below the 20 quake per week mark for the first time in four weeks. The intensity of regional seismicity declined as well, producing only five quakes in the M 2.0 range. Notable activity included a M 2.2 at Graeagle, a series of four quakes at Yosemite, and a M 2.3 triggered on the Nevada Test Site – probably an aftershock to the M 4.4 temblor on June 14.

▼ Earthquake activity in the greater Mammoth Lakes area jumped from the previous week, nearly doubling and almost reaching the 50 quake per week mark – a level reached twice in early June. Most notable was an increase in activity in the Long Valley caldera east of Mammoth Lakes at the Highway 395/203 junction, near the geothermal power plant. Activity began late on July 2 and less than 12 hours later, produced 13 events, all registering M 1.9 or less. It was the most robust sequence in the caldera in more than two years. All four of the quakes that measured in the M 2.0 range occurred in the High Sierra south of the caldera. The largest measured M 2.9 and occurred in the near Mt. Baldwin.

**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>**

