

Seismo-Watch

Brief Western Great Basin Earthquake Report

September 7 - 13, 2003

Seismo says...™

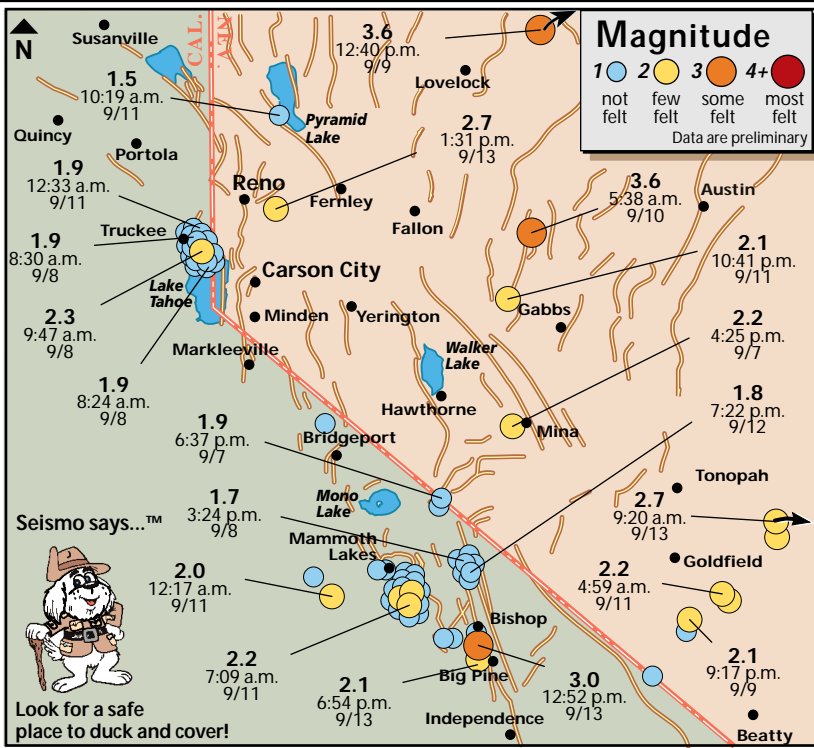


**Look for a safe
place to duck and cover!**

**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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| Magnitude M≥1 | 1 | 2 | 3+ | Total |
|-------------------------------|-----------|-----------|----------|-----------|
| Regional (w/o Mammoth) | 32 | 11 | 3 | 46 |
| Last week | 20 | 8 | 0 | 28 |
| Mammoth Lakes region | 14 | 3 | 0 | 17 |
| Last week | 19 | 1 | 0 | 20 |

▼ Early to mid September has been typically an active period for the Western Basin and Range, most notably producing robust earthquake swarms and a number of moderate to large events, including the Truckee M 6.0 on 9/12/66 and the Double Springs Flats M 5.9 on 9/12/94. This year was no exception as earthquake activity for September 7-13 jumped to one of its highest tally of the year.

▼ Two quakes registered as large as M 3.6, one on September 9 north of Battle Mountain in the Northern Sheep Creek Range and the other on September 10 east of Fallon and a few miles north of West Gate, in the Clan Alpine Mountains.

▼ The Brockway Summit earthquake sequence continued into its fourth straight week, producing 16 more events, including one as large as M 2.3. Thirty-five quakes have occurred here in the last three weeks. Interestingly, all the activity has happened at the uncommon depth of 23-27 km, which would be near the roots of the Sierra Nevada batholith.

▼ A M 2.7 struck southwest of Reno, seven tremors triggered north of Bishop, and a M 3.0 happened at Big Pine.

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>**

