



Seismo-Watch

Earthquakes for week of
November 16 - 22, 1997

| | 1-2 | 2-3 | 3+ | Total |
|----------------------|------|-----|----|-------|
| Regional | 36 | 13 | 1 | 50 |
| Mammoth Lakes Region | 1769 | 390 | 32 | 2191 |
| This Week | 1805 | 403 | 33 | 2241 |
| Previous week | 1036 | 153 | 16 | 1205 |

▼ **Mammoth Lakes Region:** At 4:06 a.m. Saturday morning, Nov. 22, a moderate earthquake registering **M4.5** shook the Mammoth Lakes region. It was followed by an intense earthquake swarm which lasted throughout the day and included two more events in the M4 range (**M4.8** and **M4.7**), 29 M3's, and over 2,000 tremors in the M1 and M2 range. Seismic rates peaked between 9-12 a.m. when over 70 quakes/hour was recorded. Many of the larger quakes were felt with the three largest knocking some items from tables and shelves. No avalanches occurred.

▼ **Regional Activity:** Seismicity along the CA/NV border remained elevated for the 4rd straight week. Aftershocks in Fish Lake Valley (17) and Eureka Valley (14) dominated the activity. The largest regional event registered **M3.2** and occurred on the NW shore of Mono Lake, site of a **M5.7** quake on Oct. 19, 1990.

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Source: University of Nevada, Reno, Seismological Laboratory; NBMG; USGS.