
Mammoth Lakes Earthquake Report

October 3 - 9, 1999

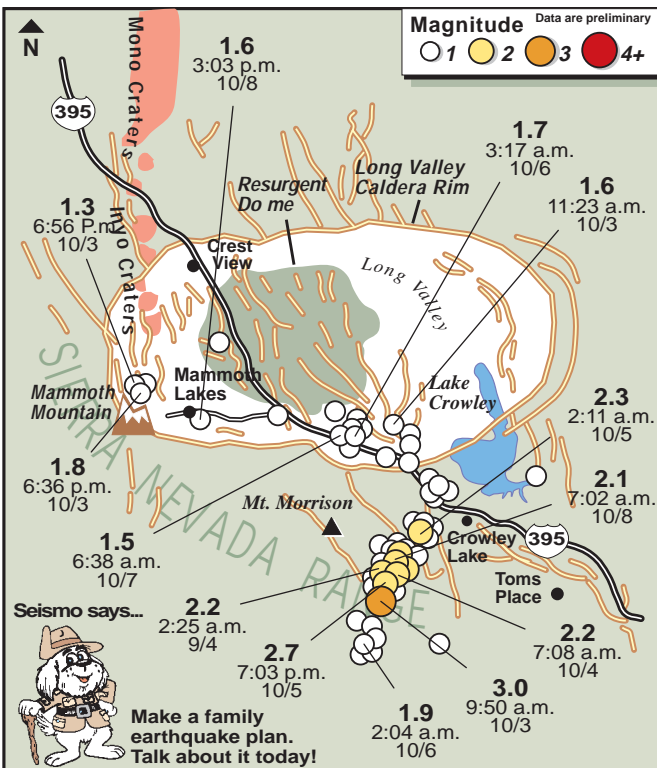
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**By: Charles P. Watson
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Earthquakes for week of
October 3 - 9, 1999

Magnitude $M \leq 1.0$	1	2	3+	Total
This week	46	7	1	54
Previous week	51	6	0	57

▼ Although the total number of seismic events in the Mammoth Lakes region remained about the same as the preceding week, there was a change in the distribution of activity. For the first time since early July, there was more than a handful of tremors within the margin of the Long Valley caldera.

▼ Of the 54 tremors detected, 18 occurred within the caldera. Most of the activity was centered along the southern margin of the caldera near the airport and Whitmore Hot Springs (largest: M1.7). But of local interest were three events just off the northern flank of Mammoth Mountain (formally Pumice Mountain) near the Earthquake Fault picnic area. The largest of these events measured M1.8. They were probably not related to the fissure which is a popular tourists attraction. Also of some note was a M1.6 event near Mammoth Lakes.

▼ The Mount Morgan aftershock zone continued to be the dominate area of activity and was the site of all the M2+ activity, including one as large as M3.0 on October 3.

By Charles P. Watson, consulting geologist

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