



Brief Western Great Basin Earthquake Report

July 18 - 24, 1999

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**By: Charles P. Watson
Advanced Geologic Exploration, Inc.**

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Earthquakes for week of
July 18 - 24, 1999

Magnitude $M \geq 1.0$	1	2	3+	Total
Regional	22	14	0	36
Mammoth Lakes Region	78	11	2	91
This Week	100	25	2	127
Previous week	86	17	5	108

▼ **Regional Activity:** The total number of regional seismic events increased significantly from the previous week and rose to its highest level in nine months. Accompanying the 36 quakes were 14 $M2$'s, but despite the number of tremors, none registered $M3+$. By the way, it has been 24 weeks since the last $M4+$ quake occurred, a gap not matched in years.

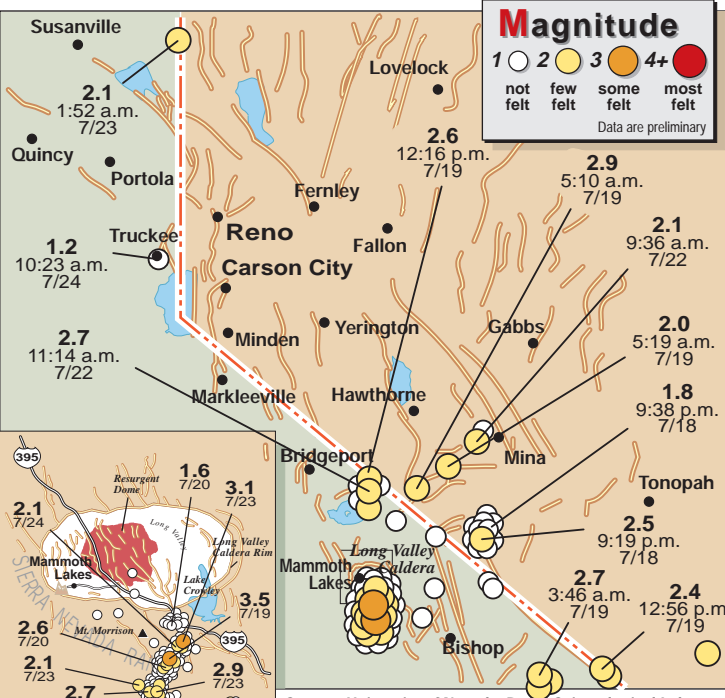
▼ Most of the activity occurred in the ever active Bridgeport-Bishop-Mina triangle where seven of the 27 quakes registered in the $M2$ range. Active areas were located on the east shore of Mono Lake, in the Excelsior Mountains south of Hawthorne and south of Mina in Upper Fish Lake Valley.

▼ **Mammoth Lakes region:** Two quakes in the Mt. Morgan aftershock zone measured in the $M3$ range.

By Charles P. Watson, consulting geologist
Advanced Geologic Exploration, Inc.
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Magnitude



Source: University of Nevada, Reno, Seismological Laboratory; NBMG; USGS. See the expanded WGB Earthquake Report.