



**Brief Western Great Basin  
Earthquake Report**

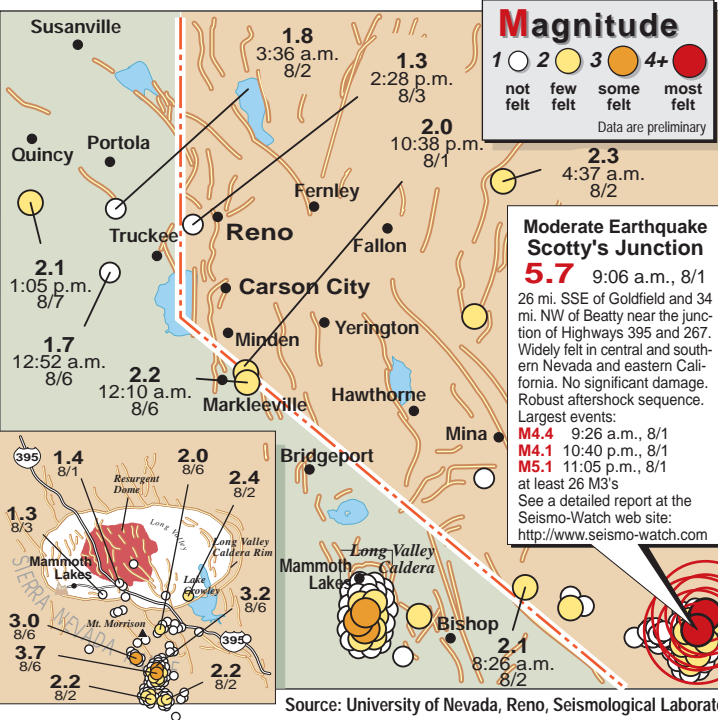
**August 1 - 7, 1999**

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

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# Seismo-Watch

Earthquakes for week of  
**August 1 - 7, 1999**

Magnitude M $\geq$ 1.0	1	2	3+	Total
<b>Regional</b>	7	8	0	15
Scott's Junct. Aftershocks	+220	+125	+30	+375
Mammoth Lakes Region	76	13	3	92
<b>This Week</b>	<b>+293</b>	<b>+146</b>	<b>+33</b>	<b>+475</b>
Previous week	74	20	3	99

▼ **Regional Activity:** At 9:06 a.m. Sunday, August 1, a moderately strong **M5.7** earthquake occurred along the CA/NV border between Goldfields and Beatty, near Scotty's Junction. It occurred in Nye County just east of the Esmeralda / Nye County line, in Sarabatus Valley, just east of Stonewall Pass. The focal point was placed at a depth of 7.6 km and the fault plane solution indicated normal-slip motion along a northeast trending plane, with a slight strike-slip component. It was followed by a robust aftershock sequence which included one as large as **M5.1**. The main jolt was felt as far away as Las Vegas, Eureka, Fallon and Mammoth Lakes. Vigorous shaking in the local area tossed items from tables and shelves.

By **Charles P. Watson**, consulting geologist  
**Advanced Geologic Exploration, Inc.**  
Improving your seismic understanding since 1992. Call for a **FREE** information packet or let us know if you feel a quake:  
**1-800-852-2960**

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