

Nevada Seismological Laboratory
University of Nevada Reno
<http://www.seismo.unr.edu>

Press Release

Date: June 8, 2008 3PM PDT

Earthquake Report: West Reno Mogul-Somerset Sequence Update

Three earthquakes larger than Magnitude 3 have occurred within the on-going West Reno Mogul-Somerset area sequence within the past 12 hours. The largest of these was Magnitude 3.9 at 10:55 AM PDT, June 8, 2008 (depth: 0.9 miles). The Magnitude 3.9 earthquake was preceded by a Magnitude 3.2 event at 03:13 AM (depth: 1.6 miles) and by a Magnitude 3.6 earthquake at 10:53 AM PDT (depth: 1.0 miles). These two latest Magnitude 3.5+ earthquakes occurred north of the Somerset subdivision in a cluster of seismicity NE of the main trend of most prior activity of the Mogul-Somerset sequence. These are the largest earthquakes in the zone of seismicity NE of Mogul. As with prior earthquakes of this size in the West Reno area, these events have been followed by numerous aftershocks. These earthquakes were felt throughout most of the Reno metropolitan area.

This latest activity slightly increases the probability of a larger earthquake in the West Reno area over the next several days. However, the occurrence of additional earthquake activity in the Mogul area cannot be predicted or forecast.

Nevada citizens are urged to always be prepared for strong ground shaking from earthquakes at anytime; Nevada is the third most active state for earthquakes in the United States and large earthquakes may occur anywhere in the State. For information on earthquake preparedness visit the Nevada Seismological web site at <http://www.seismo.unr.edu>.

Earthquake preparedness links:

<http://www.seismo.unr.edu/preparedness.html> Nevada Seismological Laboratory

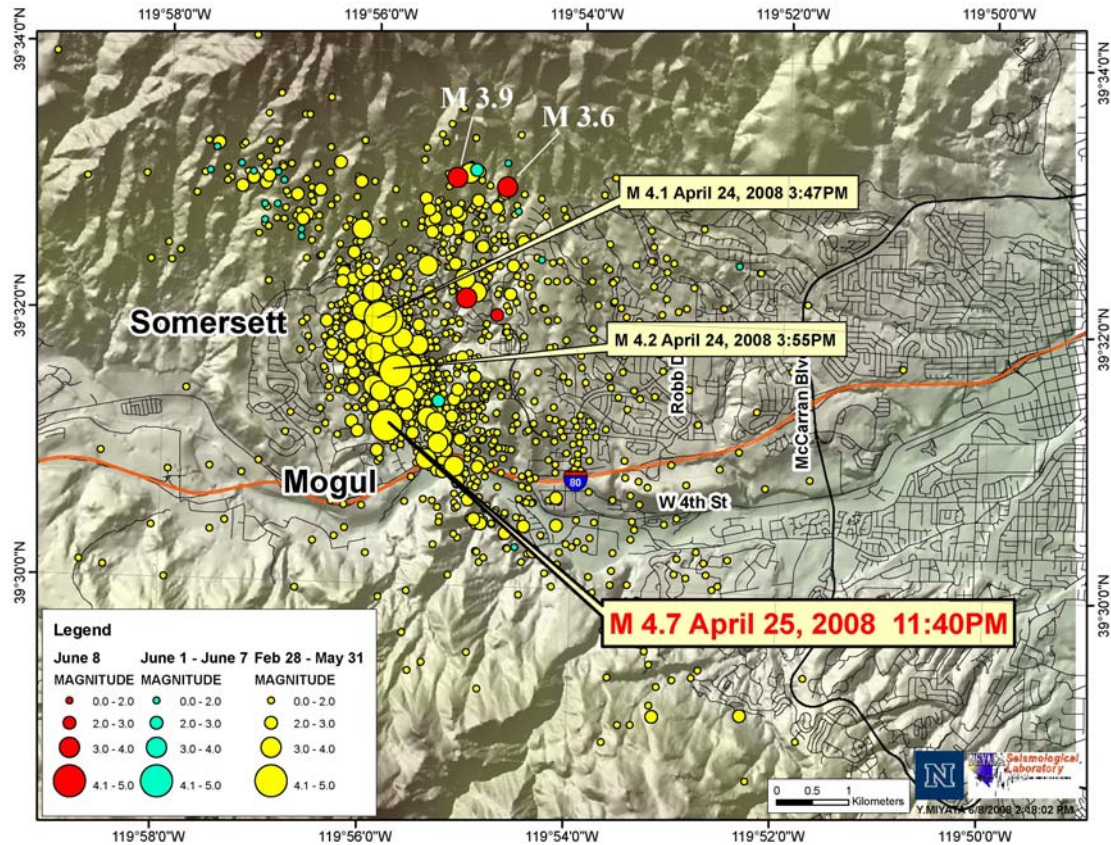
<http://earthquake.usgs.gov/learning/preparedness.php> U.S. Geological Survey

<http://quake.usgs.gov/prepare/prepare.html> U.S. Geological Survey

The data reported here has been reviewed. For more information, contact the Nevada Seismological Laboratory, (775) 784-4975. The Nevada Seismological Laboratory

continues to monitor the earthquakes activity in the Mogul-Somerset area using a number of portable seismographs.

The Nevada Seismological Laboratory is the lead agency for monitoring earthquakes in the western Great Basin, and part of the nationwide monitoring program with primary support from the U.S. Geological Survey.



Earthquakes located in the 2008 Mogul-Somerset earthquake sequence. The 'Red' symbols are the significant events on June 8, 2008.