

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

Press Release

Date: April 15, 2008 5:35 PM PDT

Earthquakes in the West Reno Mogul-Somerset Area

Following a Magnitude 3.4 in the Mogul-Somerset area of West Reno at 7:59 AM PDT, and reported in a press release earlier today, the Nevada Seismological Laboratory has located four additional earthquakes greater than Magnitude 3 in the Mogul-Somerset area sequence that occurred between 2:26 and 2:47 PM PDT today, April 15, 2008. Preliminary information for these events is summarized as follows;

Origin Time PM PDT	Longitude (W)	Latitude (N)	Depth (km)	Magnitude
02:26	-119.9288	39.5330	0.8	3.1
02:32	-119.9359	39.5304	1.5	3.3
02:33	-119.9449	39.5324	2.3	3.1

These events are part of a continuing series of earthquakes that began on Thursday February 28, 2008 in the West Reno area. These most recent Magnitude 3 earthquakes and the Magnitude 3.4 earthquake earlier today have been followed by numerous aftershocks.

Following any sequence of earthquakes similar to what has been observed in the West Reno area over the past month and a half, there is a small increase in the probability of larger magnitude events, and the persistence of this particular earthquake sequence slightly increases this probability for a significant earthquake in West Reno. 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 earthquake activity 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>.

Additional links for earthquake preparedness information:

<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 deployed at local residences.

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.