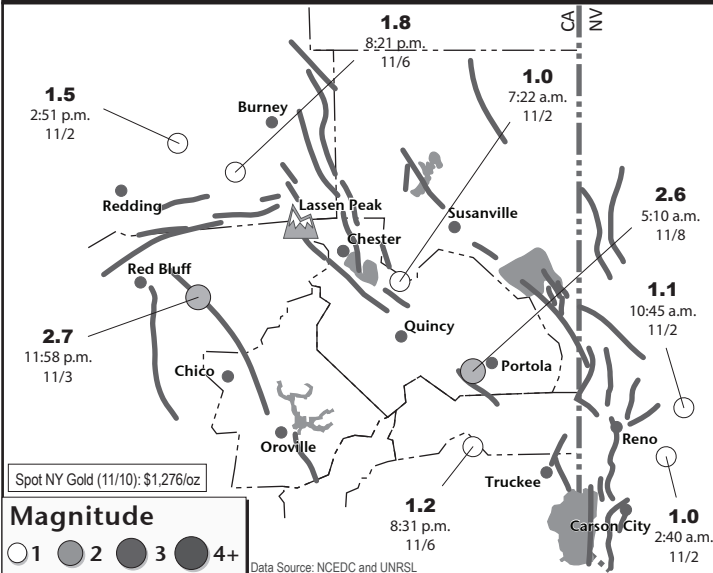


Earthquake Report

November 2- 8, 2017

By: Charles P. Watson, California Professional Geologist No. 7818



Magnitude $M \geq 1$	1	2	3+	Total
Regional	6	2	0	8
Previous week	11	6	0	17

- The number of earthquakes decreased from the previous week, falling by more than half and below the 10 quake-per-week mark for the first time in four weeks, but only the third time in the last 21 weeks.
- The intensity of seismicity declined as well, as only two quakes measured M 2.0 or stronger. Nevertheless, 11 M 2s were recorded during the last three-week period, which was the most since mid August.
- The largest quake measured M 2.7 and occurred two minutes before midnight on

November 3, southeast of Red Bluff near the mouth of Deer Creek. The seismogram for this event was rather messy and the computer algorithm placed it at 68 km deep, which is highly unlikely. The USGS will review the event at a later date and make the proper adjustments.

- A quake registering M 2.6 was detected about a half mile east of Graeagle at the Graeagle Meadows Golf Course. The focal point was at about seven miles below the surface and the type of fault motion was normal (down and away), with a slight strike-slip (sideways) component. One person apparently felt the quake. It happened within the Mohawk Valley fault zone.
- A tiny M 1.0 occurred at Greenville.

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