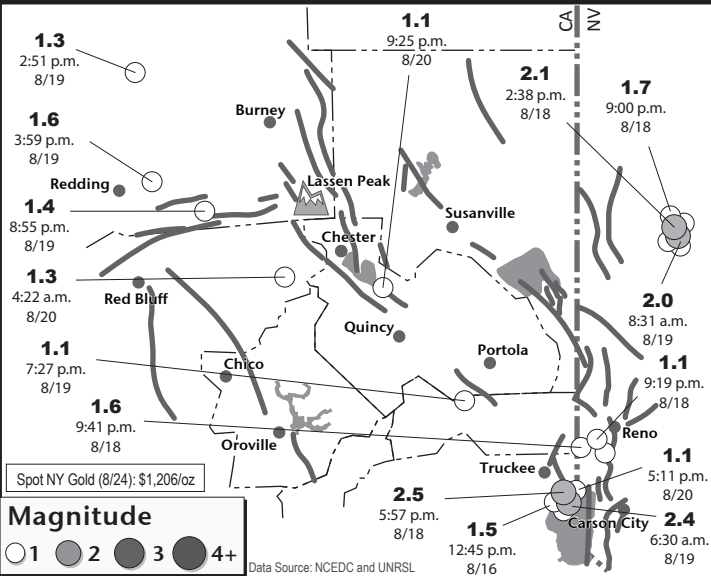


Earthquake Report

August 16 - 22, 2018

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



Magnitude $M \geq 1$	1	2	3+	Total
Regional	16	4	0	20
Previous week	13	2	0	15

- The number of earthquakes increased from the previous week, rising by five and topping the 20 quake-per-week mark for the first time in four weeks and the fifth time in 15 weeks. During that 15-week period, activity has also been in single-digit values three times. This up one week, down the next is an indication of an unstable seismic condition.
- The intensity of seismicity doubled from the previous week, producing four quakes in the M 2 range.

- Earthquake activity continued along the northwest shore of Lake Tahoe at Carnelian Bay where another five quakes were recorded. Two registered in the mid M 2 range with the strongest measuring M 2.5. Since June 26, 12 earthquakes have occurred in this area, the largest of which measured M 3.5 on July 26.
- A brief six-event sequences was recorded north of Pyramid Lake in the San Emidio valley. There is a geothermal power plant not far from here and these quakes may be related to the production of those geothermal fluids.
- Three quakes were detected southwest of Reno in the northern Carson Range, the largest of which measured M 1.6.

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