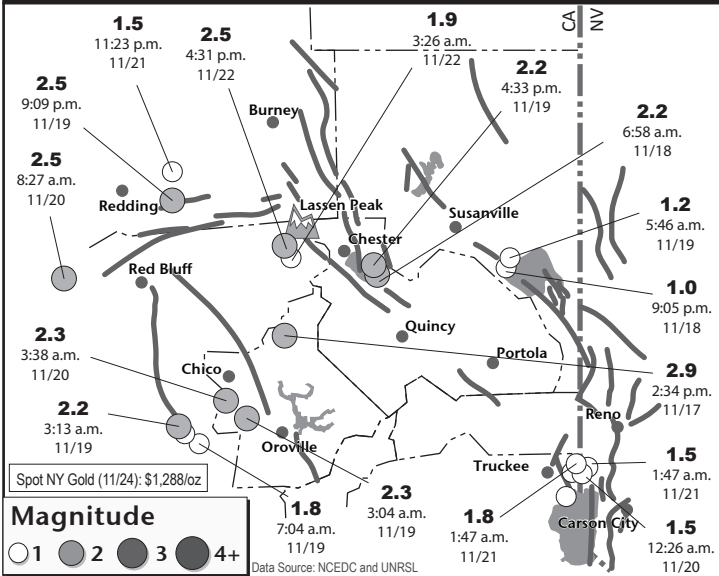


Earthquake Report

November 16 - 22, 2017

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



Magnitude $M \geq 1$	1	2	3+	Total
Regional	11	9	0	20
Previous week	10	2	0	12

- There was a significant up-tick in seismic activity this week as for the first time in 16 weeks, activity reached the 20 quake-per-week level. It was only the second time this year that activity has reached this mark. Last year saw 12 weeks at +20 events and 2015 saw 16 weeks. 2005 was the quietest year for +20 quakes-per-week activity in the last two decades with only four.
- The intensity of seismicity surged as nine quakes were measured in the M 2.0 range - the most since the Truckee earth-

quake sequence in June. Strangely, all of the action was record as individual events and not part of an aftershock sequence or earthquake swarm.

- The largest quake measured M 2.9 and occurred at 2:24 p.m. Friday, November 17, in the Sierra between Chico and Chester near Sterling City. Two other M2s were recorded in Butte County and both measured M 2.3 and were centered in the valley south of Chico.
- A couple M 2.2s were recorded in Lake Almanor's east arm, a M 2.5 triggered six miles southeast of Mineral, and M 2.5 happened east of Redding near Palo Cedro. Two small quakes were recorded on the west shore of Honey Lake.

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