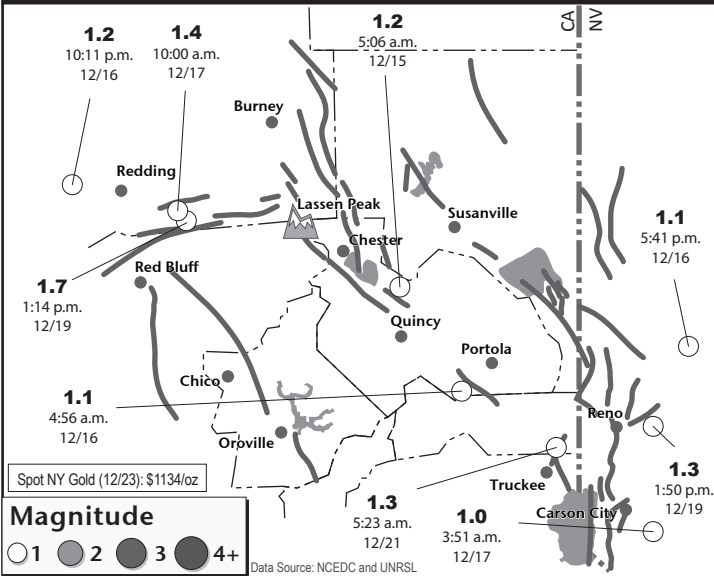


Earthquake Report

December 15 - 21, 2016

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



Magnitude M \geq 1	1	2	3+	Total
Regional	10	0	0	10
Previous week	8	1	0	9

- It was another quiet week as the number of earthquakes remained about the same as the previous week, rising by one and back to the 10 quake-per-week level and avoiding the first back-to-back week in single-digit figures since March.
- For the first time in 17 weeks and the seventh time this year, no activity measured M 2.0 or stronger. Last year recorded seven weeks without a M 2+ jolt.
- This year has recorded 13 quakes registering M 3.0 or stronger, including

three in the M 4 range. Seven of those, including all three M 4s, were recorded in Honey Lake Valley near Herlong during the first week of August. Sixteen quakes registered M 3.0 or larger occurred in 2015, including two in the M 4 range.

- In the last 15 years, 26 quakes have registered M 4.0 or stronger, including three in the M 5 range. They were the August 10, 2001 Mt. Tomba M 5.3 quake, the October 27, 2011 Yuba Gap M 5.1 quake (originally a M 4.7), and the May 23, 2013 Canyondam M 5.7 earthquake.
- The last M 6 quake happened December 29, 1948 near Verdi (M 6.0). Also of note, a M 5.9 quake struck on September 12, 1966 near Truckee. Both caused lots of damage.

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