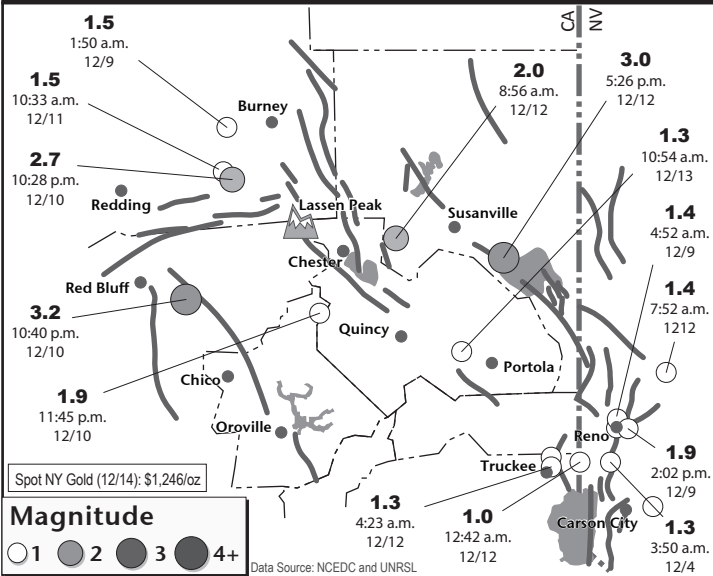


Earthquake Report

December 7 - 13, 2017

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



Magnitude M≥1	1	2	3+	Total
Regional	14	2	2	18
Previous week	14	2	0	16

- The number of earthquakes increased from the previous week, rising by two and reaching the upper teens-per-week.
- The intensity of seismicity increased, producing four quakes measuring M 2.0 or stronger, including a pair of M 3s, which broke a 12-week gap for these events. Ten quakes have measured M 3.0 or stronger this year, including two in the M 4 range.
- The largest quake measured M 3.2 and occurred at 10:40 p.m. Sunday, December 10, east-southeast of Red Bluff near the

mouth of Deer Creek at Gerber. It was centered at 12 miles deep, which is relatively deep for quakes in this area, and it happened along a northeast-southwest trending fault plane with nearly vertical up-down slip. Mild but sharp ground shudders were widely felt in the region, and felt as far away as Shasta Lake and Orland. Some light objects toppled.

■ An earthquake registering M 3.0 occurred at 5:26 p.m. Tuesday, December 12, on the west shore of Honey Lake. It was centered at six miles deep and the type of fault motion was down and away along a north-northwest trending plane. Light tremors were felt throughout western Honey Lake Valley. Some were startled.

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