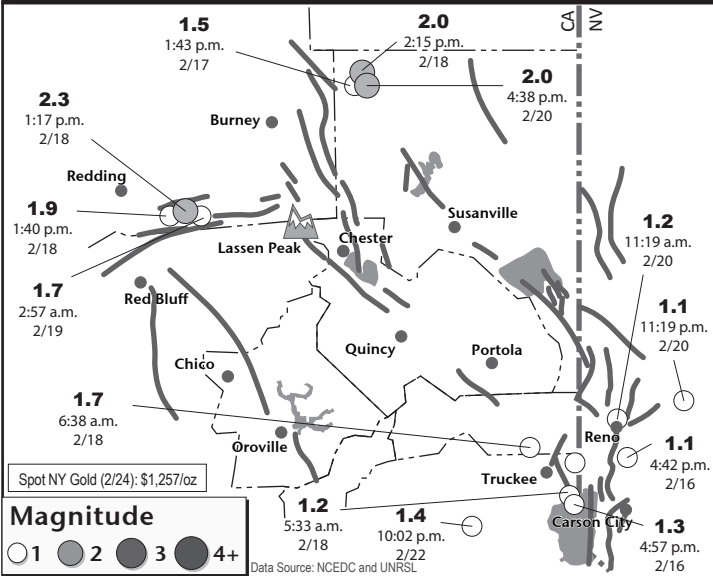


Earthquake Report

February 16 - 22, 2017

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



| Magnitude M≥1 | 1 | 2 | 3+ | Total |
|-----------------|-----------|----------|----------|-----------|
| Regional | 11 | 3 | 0 | 14 |
| Previous week | 8 | 3 | 0 | 11 |

- The number of earthquakes remained about the same as the previous four weeks and settled once again between 11–14 events. Activity has not topped the 20 quake-per-week mark since late October and has fallen to single digit levels four time in that same time period.
- The intensity of seismicity remained the same as last week, recording three events registering M 2.0 or stronger. This is the most M 2 events in a two-week period since October.

- It has been 23 weeks since the last earthquake measured M 3.0 or stronger.
- The largest earthquake registered M 2.3 and occurred at 1:17 p.m. Saturday, February 18, south-southeast of Redding between Shingletown and Manton. It was followed by two quakes registering M 1.9 and M 1.7. They occurred in the same location as a M 2.8 event last week. The quakes triggered along the Battle Creek fault zone.
- Two of the three quakes in northwestern Lassen County measured as large as M 2.0. They happened in southern Big Valley near the Pitt River Crossing.
- A clustering of small quakes was detected along the CA/NV border near Reno.

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