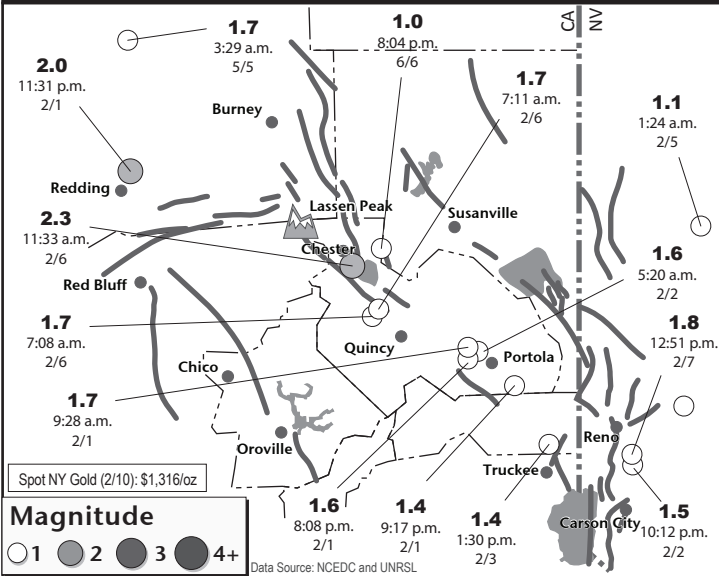


Earthquake Report

February 1- 7, 2018

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



Magnitude M≥1	1	2	3+	Total
Regional	13	2	0	15
Previous week	10	1	0	11

- The number of seismic events increased slightly from the previous week, rising by four and reaching the mid teens. The intensity of seismicity increased slightly, producing two quakes in the M 2 range.
- It has been nine weeks since the last M 3+ jolt and 21 weeks since a week registered one before that. A gap of 27 weeks occurred from mid 2016 to early 2017.
- The largest quake registered M 2.3 and occurred at 11:33 a.m. on Wednesday, February 6, about three miles southwest of

Chester in the North Are of Lake Almanor. The focal depth was less than a mile below the surface and the type of fault motion was a complex strike-slip (horizontal) and normal-slip (up-down and away) along a north-northwest trending fault plane. One person report feeling a slight ground shudder. The quake was centered on the southern segment of the on the Almanor fault zone. To the east and on the Walker Springs Fault was a tiny 1.0 event and a pair of M 1.7s triggered west of Paxton.

■ The largest of three quakes 2.5 miles north of Mohawk measured 1.7 and the strongest of two quakes at the Steamboat geothermal field measured M 1.8 where a vigorous series occurred 3 weeks ago.

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