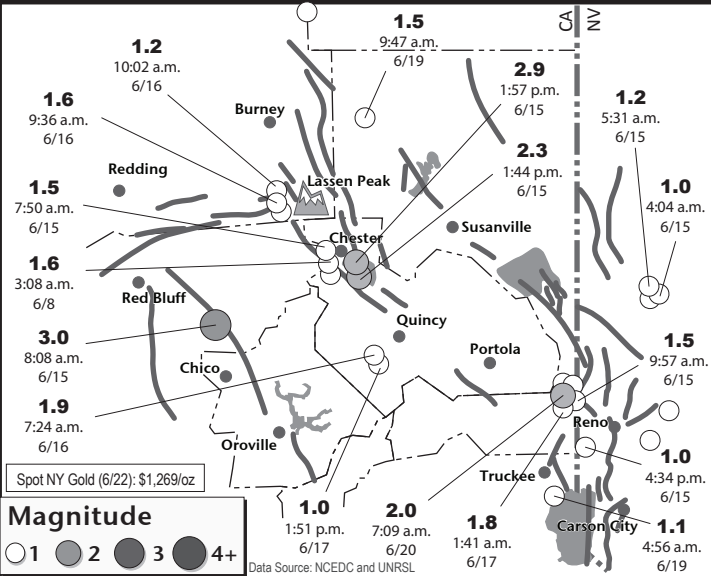


Earthquake Report

June 14 - 20, 2018

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



Magnitude $M \geq 1$	1	2	3+	Total
Regional	22	3	1	26
Previous week	14	1	0	15

- It was an active week as the number of earthquake measuring M 1.0 or stronger increased significantly, nearly doubling and reaching the upper 20 quake-per-week level. The intensity of seismicity jumped as well as four quakes measured M 2.0 or stronger, including one in the M 3 range.
- The largest earthquake measured M 3.0 and occurred at 8:08 a.m. on Friday, June 15, about 12 miles north of Chico and just inside the Tehama County line near Pine Creek. It passed without any felt reports.

- A quake registering M 2.9 occurred at 1:57 p.m. on Friday, June 15, about 2 miles north of Prattville and 5 miles southeast of Chester in the west arm of Lake Almanor. The epicenter was about 2,000 feet west of Driftwood Cove Drive. The focal depth was 3 miles deep and the type of fault movement was oblique normal slip (down and away) to the southwest. Both the timing and the depth likely contributed to several people feeling and hearing the quake. Some felt a sharp bump while others heard a loud bang like a sonic boom. The quake occurred along the Almanor fault zone. It was preceded 13 minutes earlier by a M 2.3 foreshock. A few quakes were also detected southwest of Chester.

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