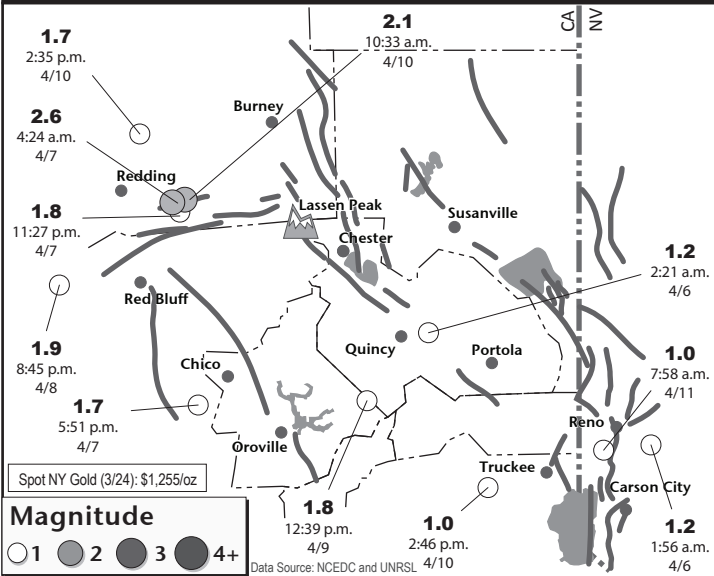


Earthquake Report

April 6 - 12, 2017

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



Magnitude M≥1	1	2	3+	Total
Regional	9	2	0	11
Previous week	12	4	0	16

- The number of quakes declined from the previous week, falling by five and to just eleven events. It was the second week in a row at double-digit figures. There have been four weeks with totals below 10 quakes-per-week this year (Week 15) and six in the last 22 weeks.
- The intensity of seismicity relaxed slightly, producing only two quakes in the M 2 range. There has been only one M 3+ jolt in the last 37 weeks - one of the quietest periods in the last 17 years.

- The largest quake measured M 2.6 and occurred at 4:24 a.m. on Friday, April 7th, about 12 miles southeast of Redding at the base of the Cascade Range between Bear and Ash Creeks. The focal depth was about nine miles below the surface. The quake happened on the Bear Creek fault zone, a smaller northeast trending fault to the larger Battle Creek fault zone located a dozen miles to the south. The M 3.1 quake three weeks ago also may have occurred on the Bear Creek fault zone.
- A small M 1.2 joggle happened east of Quincy, a M 1.8 triggered in the Sierra southwest of La Porte at Lampkin Ridge, and M 1.7 event was detected in the Sacramento Valley southwest of Chico.

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