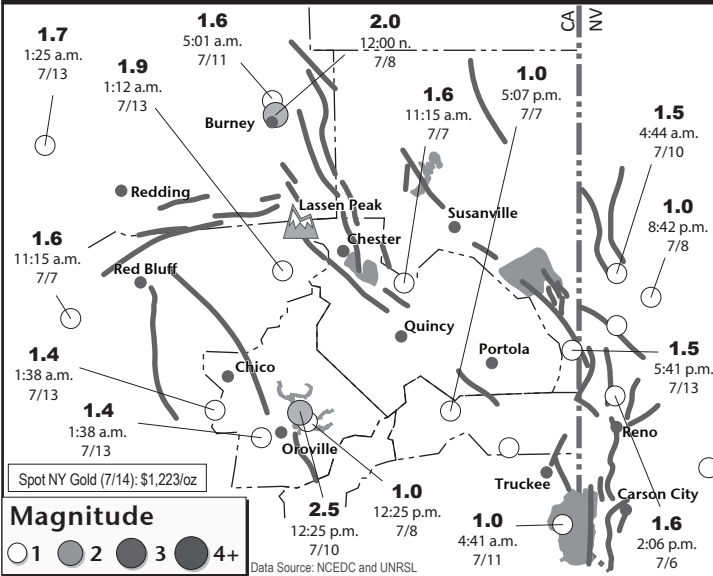


Earthquake Report

July 6-12, 2017

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



Magnitude M≥1	1	2	3+	Total
Regional	17	2	0	19
Previous week	11	8	0	19

- The number of earthquakes remained the same as the previous week, posting another total in the upper teens.
- The intensity of seismicity relaxed, producing only two quakes measuring M 2.0 or stronger - the fewest in four weeks.
- Rather than earthquake swarms or series of quakes in one area like the previous few weeks, activity this week showed more of a shotgun pattern of individual events that were widely spaced. This type of activity has not been seen in

several months.

- The largest earthquake measured M 2.5 and occurred about during the Monday noon hour on July 10 four miles north of Oroville at Lake Oroville. It was centered just west of dam at a depth of three miles below the surface. It was preceded two days earlier by a tiny M 1.0 event. It is unknown if the activity is related to the recent filling of the dam.
- Two more quakes occurred near Burney following last week's vigorous sequence. The largest event measured M 2.0 and occurred at noon on Saturday.
- Multiple small quakes were recorded just across the Nevada state line, the largest of which was a M 1.6 in Lemon Valley.

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