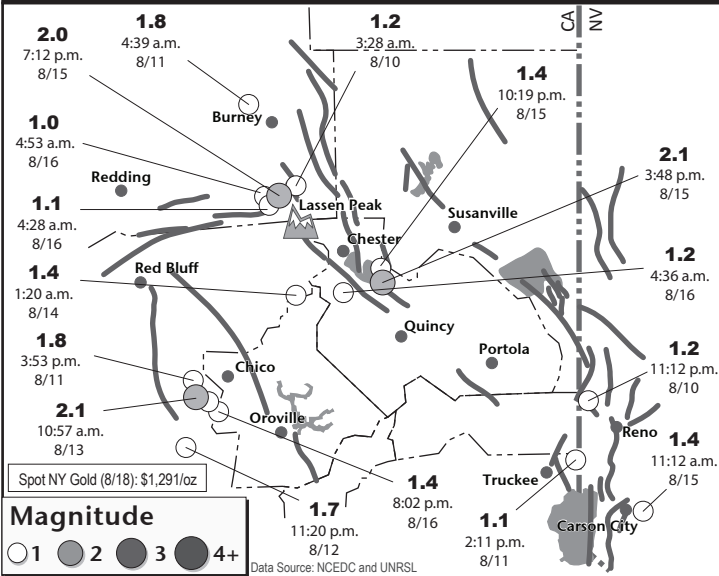


# Earthquake Report

August 10-16, 2017

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



Magnitude $M \geq 1$	1	2	3+	Total
<b>Regional</b>	<b>14</b>	<b>3</b>	<b>0</b>	<b>17</b>
Previous week	7	2	1	10

- The number of earthquakes increased from the previous week, rising four and to the upper teens.
- The intensity of seismicity remained about the same as there were three quakes measuring M 2.0 or stronger, but none registered in the M 3 range like last week.
- There were no aftershocks from last week's M 3.5 temblor at Herlong.
- Two of the M 2 earthquakes recorded this week occurred between Canyon Dam

and the Lassen Volcanic Center. The largest measured M 2.1 and occurred on Tuesday afternoon at Canyon Dam. It was followed by a smaller M 1.4 later that evening. At the northern end of the trend was a cluster of four events on the northwest flank of Lassen Peak. The largest measured M 2.0 and also occurred on Tuesday.

■ Southwest of Chico in the Sacramento Valley was a curious string of northwest-southeast trending epicenters, the largest of which measured M 2.1. This and one other quake had depths of greater than 20 km below the surface. The others had normal depths between 5-6 km. Another deep quake was a M 1.7 near Butte City.

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