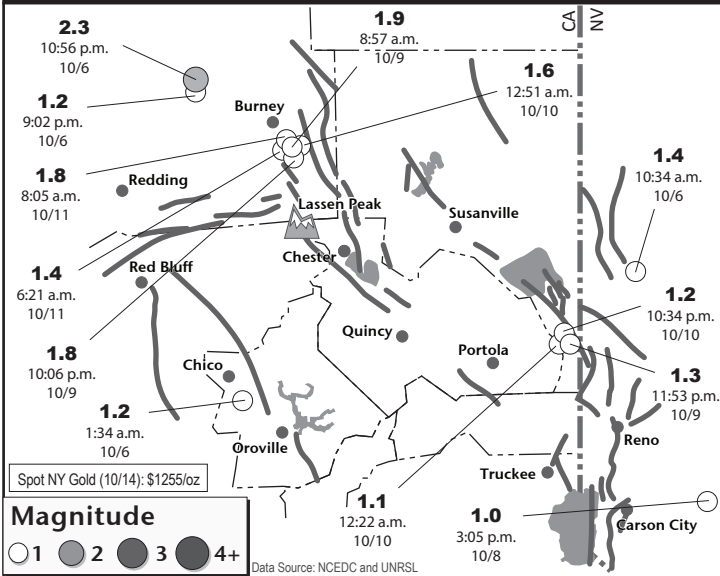


# Earthquake Report

October 6 - 12, 2016

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



Magnitude $M \geq 1$	1	2	3+	Total
<b>Regional</b>	<b>12</b>	<b>1</b>	<b>0</b>	<b>13</b>
Previous week	12	1	0	13

- The number of earthquakes remained the same as the previous week. It was the fewest number in six weeks and the sixth time in the last ten weeks activity has been in the teens.
- The intensity of seismicity remained relaxed for the second straight week, producing just one quake in the M 2 range. It was the weakest two-week seismic period since mid June.
- The largest earthquake measured M 2.3 and occurred at 10:56 p.m. on Thursday,

October 6, northwest of Burney along the Pit River near Big Bend. This is a very remote area and it is unlikely it was felt.

- A sequence of five quakes was recorded southeast of Burney along the western rim of Hat Creek Valley. The activity was centered about six miles northwest of Old Station at the base of Freaner Peak, an active basaltic-andesite volcano. The largest quake measured M 1.9 and occurred at 8:57 a.m. on Sunday, October 9. It was the first quake of the sequence. A M 1.8 occurred later that evening, a M 1.6 happened just after midnight on the 10th and two were recorded on the morning of the 11th.
- Three M 1s were detected along Highway 395 near Red Rock Canyon Junction.

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