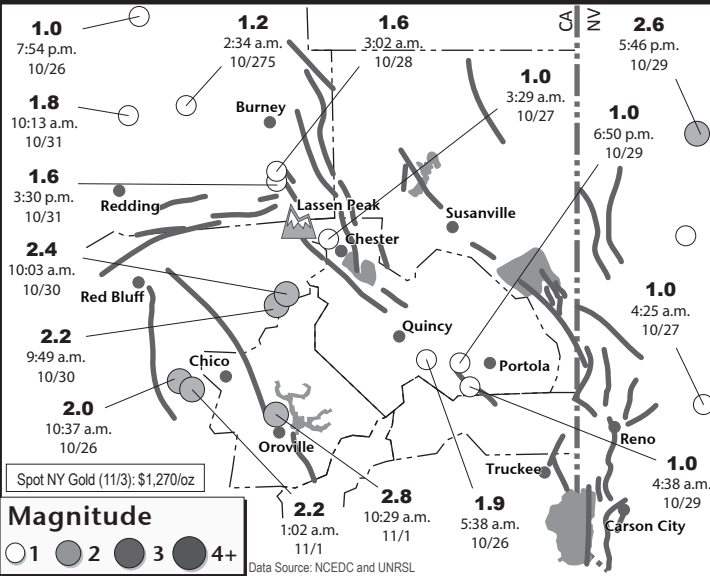


# Earthquake Report

October 26 - November 1

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



Magnitude M≥1	1	2	3+	Total
<b>Regional</b>	<b>11</b>	<b>6</b>	<b>0</b>	<b>17</b>
Previous week	7	3	0	10

- Two things were scary on this Halloween seismic week, 1) was that the number of earthquakes was the highest in seven weeks, and 2) more quakes occurred in the M 2 range than since the first week of July. This was a distinct change in the seismic character of the region, which has been tending to be more relaxed lately.
- The largest earthquake measured M 2.8 and occurred at 10:29 a.m. Wednesday November 1, about six miles northwest of Oroville near the Highway 70/99 junction.

Small seismic shudders were felt by local residents. It appears the earthquake did not happen on the Cleveland Hills Fault, which was responsible for the 1975 Oroville M 5.7 earthquake, but more likely along the Chico Monocline fault system.

- Two quakes registering M 2.2 and M 2.0 occurred in the Sacramento Valley between Chico and Orland near Hamilton City. It is unlikely they were felt because they occurred 17 miles below the surface.
- A couple quakes measuring M 2.4 and M 2.2 occurred within 14 minutes of each other on October 30 between Chico and Chester near Butte Meadows. They triggered near the surface but because of the remote area they passed without being felt.

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