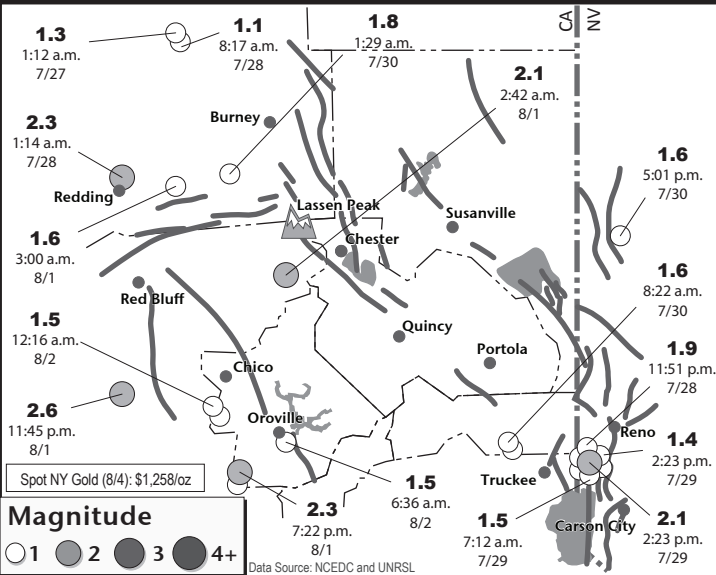


Earthquake Report

July 27 - August 2, 2017

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



Magnitude $M \geq 1$	1	2	3+	Total
Regional	17	5	0	22
Previous week	11	3	0	14

■ The number of earthquakes increased significantly from the previous week, topping the 20 quake-per-week mark for the first time since the Truckee M 4.0 and M 4.1 earthquakes on June 27. In the last six weeks there have been 128 earthquakes two M 4s, one M 3 and 37 M 2s. This compares with the previous six-week period when only 68 earthquakes occurred, including just eight M 2s and no M 3s or M 4s. This is a striking change in seismic activity for the region.

■ The largest earthquake measured M 2.6 and occurred August 1 on the western side of the Sacramento Valley west of Willows. It was a lone shock and passed without any felt reports. Two small quakes were recorded south-southwest of Chico and the largest of two quakes under the extinct Sutter Buttes volcano measured M 2.3.

■ A sequence of seven earthquakes were recorded along the CA/NV border north of Incline Village near Mount Rose. It started, with a M 1.9 event at 11:51 p.m. Friday, July 28 and ripped off another six events by mid Saturday afternoon, then stopped. Depths: 6.5 mi. Earthquake swarms have occurred here before and have included events as large as in the M 5 range.

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