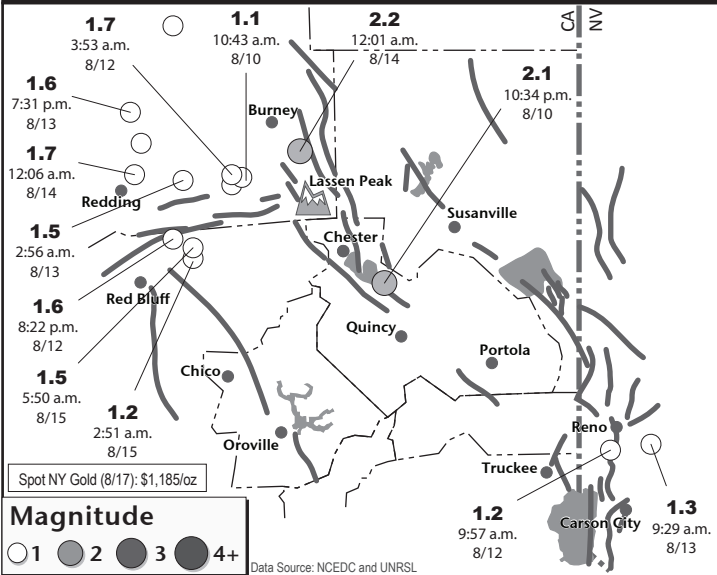


Earthquake Report

August 9–15, 2018

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



Magnitude $M \geq 1$	1	2	3+	Total
Regional	13	2	0	15
Previous week	8	1	1	9

■ The number of earthquakes registering M 1.0 or stronger increased from the previous week, rising by six and reaching the mid teens. Earthquake activity for this region tends to stay between 10 – 20 quakes-per-week. Sometime activity falls to single-digit levels - like last week and sometimes it rises above 20 quakes. Only once in the last 20 years has no activity been recorder in a week's period. Rarely more than 50 quakes-per-week are recorded and these levels are usually

related to earthquake swarms or after-shock sequences from large earthquakes. There have been two swarms in 2018, one at Lassen Peak and one in the south of Reno near Steamboat. There were no plus 50-event sequences in 2017 and two were recorded in 2016 (Herlong and Gerlach). Since 1900, ten earthquakes have registered in the M 5 range and one M 6. The largest measured M 6.0 and occurred on September 12, 1966 near Truckee. The next largest registered M 5.7 and occurred on May 23, 2013 at Canyondam. This week a M 2.1 earthquake occurred at 10:34 p.m. on August 10 close to the epicenter of the Canyondam M 5.7 earthquake. It was not an aftershock.

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