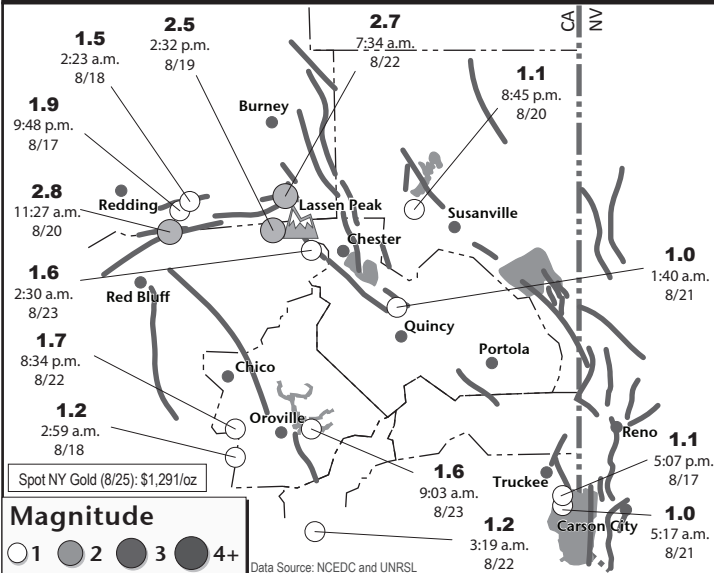


# Earthquake Report

August 17 - 23, 2017

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



Magnitude M≥1	1	2	3+	Total
<b>Regional</b>	<b>11</b>	<b>3</b>	<b>0</b>	<b>14</b>
Previous week	14	3	0	17

■ Earthquake activity decreased from the previous week, falling by three but remained in the teens for the second straight week.

■ The intensity of seismicity remained about the same, producing three quakes in the M 2 range, the same amount as the preceding week. At least two or more M 2+ earthquakes have occurred in each of the last nine weeks. The previous 13-week period saw six weeks posting fewer than two M 2+ events, including five

when no M 2+ activity occurred.

■ The largest quake measured M 2.8 and occurred at 11:27 a.m. Sunday, August 20, southeast of Redding at the Shasta-Tehama County line, near Cottonwood. It likely occurred on the northeast-southwest trending Battle Creek Fault Zone, which has shown elevated activity of late. The Bear Creek Fault, a small fault splay north of the Battle Creek Fault, creaked a bit this week as well, producing two quakes with one as large as M 1.9. At the east end of the Battle Creek Fault where it intersects with the Almanor Fault Zone north of Lassen Peak released a M 2.7 quake. To the south and on the west flank of Lassen Peak was a temblor registering M 2.5.

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