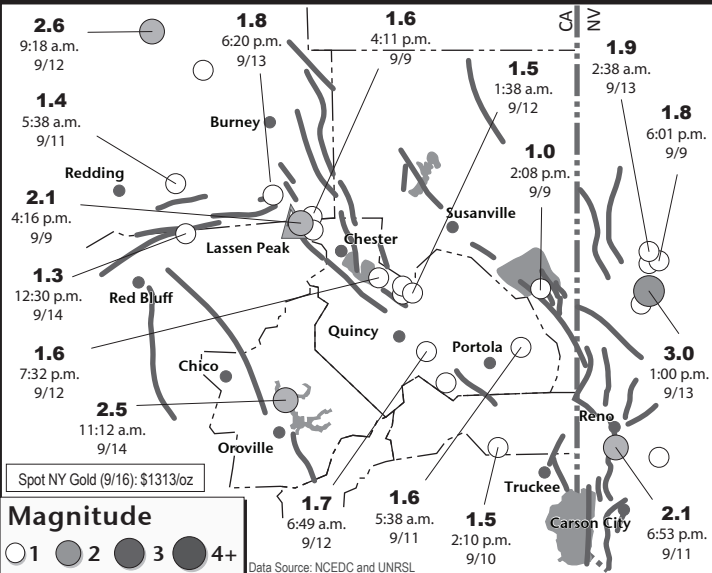


Earthquake Report

September 8 - 14, 2016

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



Magnitude



Magnitude M≥1	1	2	3+	Total
Regional	20	4	1	25
Previous week	14	1	0	15

- Earthquake activity increased significantly from the previous week and jumped back the mid 20 quake-per week level. Since the robust Herlong earthquake sequence in early August, regional activity has bounced from the mid teens to the mid 20s. This recent surge of activity, and its shotgun distribution scatter, suggests the area is on the move again.
- The intensity of seismicity increased again, posting five quakes measuring M 2.0 or stronger, including one in the M 3

- range. Eight earthquakes have measured M 3.0 or stronger in the last seven weeks, including three in the M 4 range. Nothing measured M 3.0+ in the previous 10-week period.
- The largest earthquake measured M 3.0 and occurred at 1:00 p.m. Tuesday, September 13, at the north end of Pyramid Lake and near Needle Rocks. The quake was centered on the Pyramid Lake Fault fault zone. The ongoing sequence to the north in the Terrace Hills continued with three more quakes. Largest: M 1.9.
- The largest of three quakes 1.5 miles southeast of Lassen Peak measured M 2.1 and a temblor registering M 2.1 occurred south of Reno near Zolezzi Lane. Felt?

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