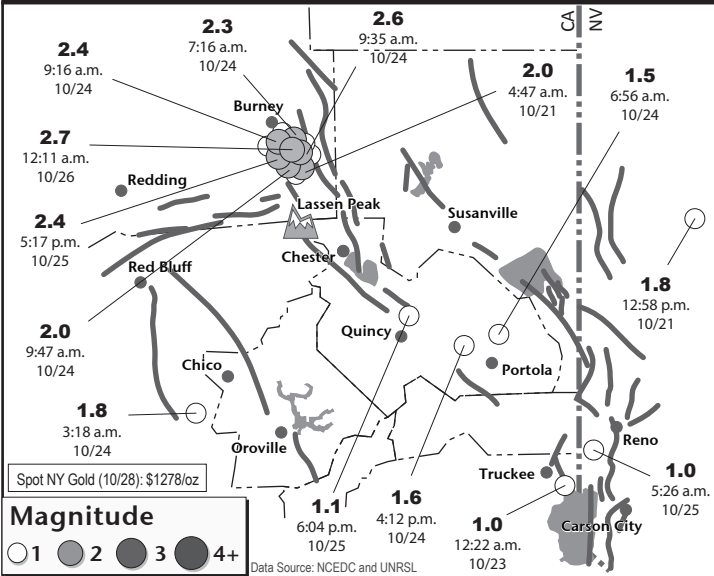


Earthquake Report

October 20 - 26, 2016

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



Magnitude $M \geq 1$	1	2	3+	Total
Regional	13	8	0	21
Previous week	12	4	0	16

- The number of earthquakes increased significantly from the previous week, topping the 20 quake-per week mark for the first time in five weeks.
- The intensity of seismicity jumped as well, producing eight quakes in the M 2 range.
- The sequence southeast of Burney along the western rim of Hat Creek Valley continued for the third straight week, although this week was considerably more energetic as fourteen earthquakes were

recorded, eight of which registered in the M 2 range. Most of the activity occurred between October 24 – 26 with the largest quake, a M 2.7, happening just after midnight on the 26th. The sequence was ongoing at the end of the reporting period. The depth of the activity was fairly consistent at about 4 – 5 miles below the surface. There were no indications that any of the quakes were felt.

■ The rest of the region was fairly aseismic with just a scattering of small events. Of note was a M 1.6 temblor near Graeagle, a M 1.5 north of Portola near Lake Davis and a M 1.1 north of Quincy. A tiny M 1.0 was detected at Tahoe City and a M 1.8 triggered in the valley southwest of Chico.

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