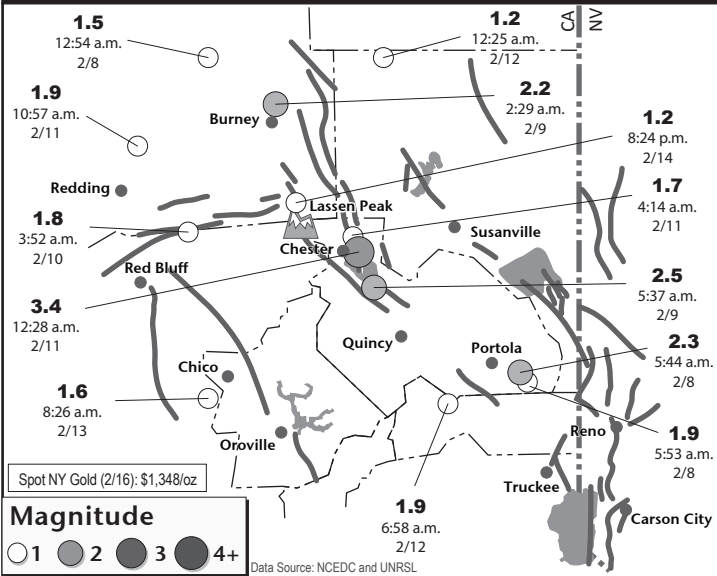


Earthquake Report

February 8 - 14, 2018

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



Magnitude



Data Source: NCEDC and UNRSLS

Magnitude M≥1	1	2	3+	Total
Regional	9	3	1	13
Previous week	13	2	0	15

■ The number of earthquakes decreased slightly from the previous week, falling by two but still remained in the mid teens. The intensity of seismicity increased as well, producing three quakes measuring M 2.0 or stronger, including one in the M 3 range, the first in 22 weeks.

■ The largest quake registered M 3.4 and occurred at 12:28 a.m. on Wednesday, February 11, about three miles southeast of Chester in the north arm of Lake Almanor. The focal depth was 4.2 miles

below the surface and the type of fault motion was a complex normal-slip (up-down and away) with a small strike-slip (horizontal) component along a north-northwest trending fault plane. The quake was centered on the southern segment of the on the Almanor fault zone, in the same location as a M 2.5 event last week. Several people reported feeling the quake with some in Chester saying it shook pretty hard, startled some and a few saying items were knocked from tables and shelves. My security camera at our Chester office showed only slight shudder and small creak in the building.

■ Two quakes measuring M 2.3 and M 1.9 triggered east of Portola in Sierra Valley.

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