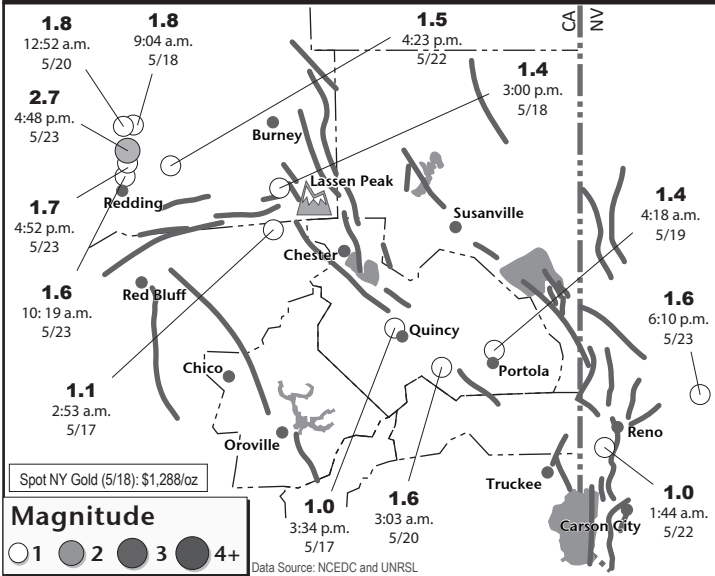


Earthquake Report

May 17 - 23, 2018

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



Magnitude $M \geq 1$	1	2	3+	Total
Regional	12	1	0	13
Previous week	18	5	1	24

- Earthquake activity decreased from the previous week, falling by nearly half and to the lower teens. Activity has been in the teens seven of the last eight weeks.
- The intensity of seismicity relaxed as well as only one quake registered in the M 2 range. Last week saw six quakes measuring M 2.0 or stronger, including one in the M 3 range.
- The largest earthquake measured M 2.7 and occurred at 4:48 p.m. on Wednesday, May 23, about half way between Redding

an Shasta Lake Dam, near the town of Pine Grove. The focal depth was about 15 miles below the surface and the type of fault motion was high-angle normal slip along a northeast trending plane. Mild ground shudders were felt locally. Nearby and also between 10-15 miles deep were two small events near Shasta Dam and a couple M 1s closer to Redding.

- A tiny M 1.0 triggered a half mile north of Feather River College and a M 1.4 happened between Portola and Lake Davis.
- A little M 1.0 jiggle was detected southwest of Reno in the Carson Range.
- Do you have an emergency preparedness kit stocked and ready?

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