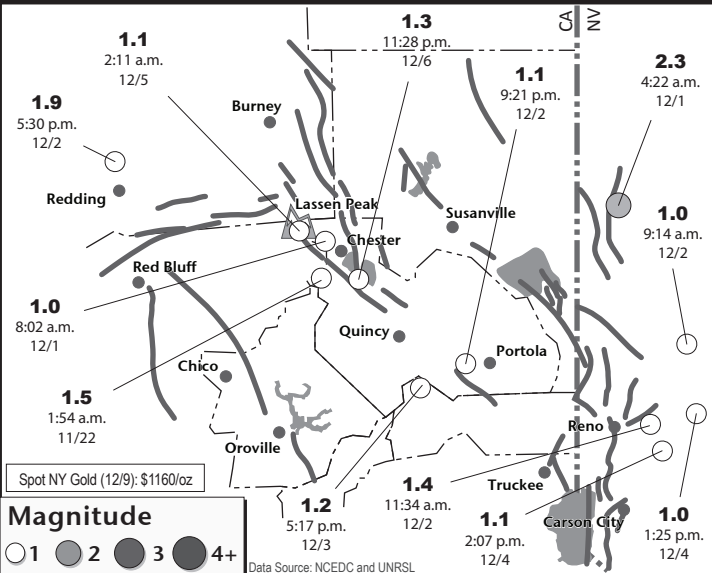


# Earthquake Report

November 24 - 30, 2016

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



Magnitude $M \geq 1$	1	2	3+	Total
<b>Regional</b>	<b>11</b>	<b>1</b>	<b>0</b>	<b>12</b>
Previous week	13	1	0	14

■ 'Tis the season to be jolly... Lots to be thankful for this seismic week. On Thursday, December 8, a M 6.5 earthquake occurred about 102 miles off the coast Cape Mendocino and shook a wide area of coastal Northern California. The quake struck at 6:49 a.m. and just as people were waking up and getting their day started. Long rolling motions caused hanging plants to swing, windows to rattle, dishware to juggle. People said the shaking lasted for several seconds. Shaking was

felt as far away as Santa Cruz, Tracy and Placerville, but not in Plumas or Lassen Counties. The quake occurred on the Mendocino Fracture Zone, a strike-slip fault that separates the North American and Gorda tectonic plates. It is one of the most active faults in this part of the world and has produced quakes in the mid M 7 range. Fortunately this quake occurred off shore and did not cause any significant damage or injuries. Lassen and Plumas Counties have faults also capable of quakes in the M 7 range and we can only hope that we are spared this event in the near future. Knowing this, can you say you are ready? Maybe a gift of preparedness could dawn your Holiday Season.

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