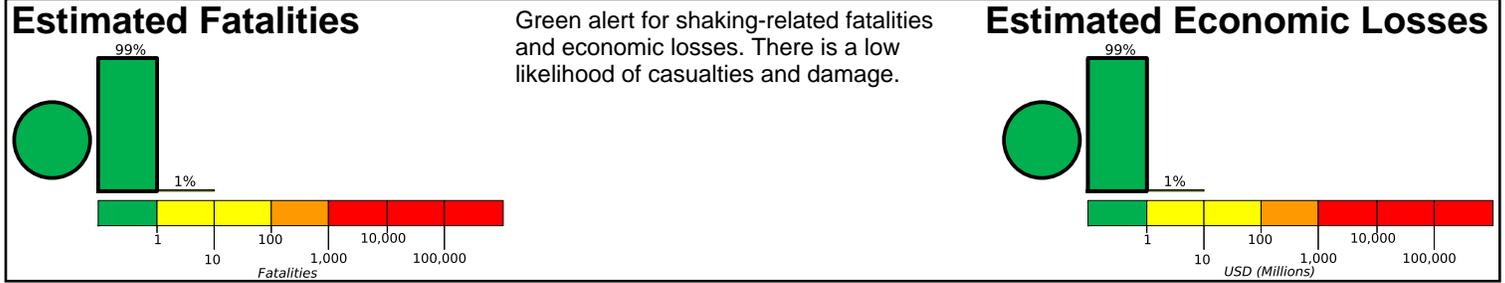


**M 4.3, 12.9 miles NW of Hawthorne, NV**

Origin Time: Thu 2016-07-07 23:14:40 UTC (16:14:40 local)

Location: 38.65°N 118.80°W Depth: 6 km

Created: 45 minutes, 12 seconds after earthquake

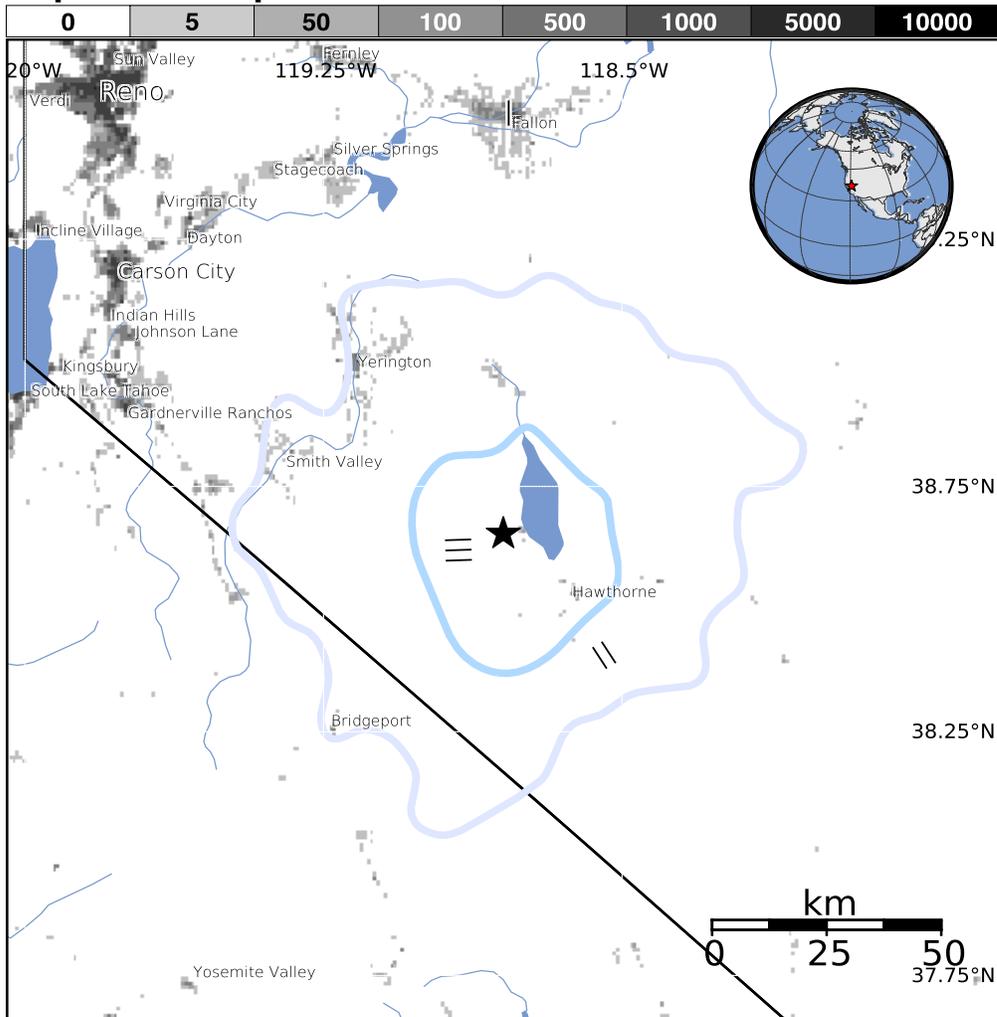


**Estimated Population Exposed to Earthquake Shaking**

<b>ESTIMATED POPULATION EXPOSURE (k = x1000)</b>		648k	13k	0	0	0	0	0	0	0
<b>ESTIMATED MODIFIED MERCALLI INTENSITY</b>		I	II-III	IV	V	VI	VII	VIII	IX	X+
<b>PERCEIVED SHAKING</b>		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
<b>POTENTIAL DAMAGE</b>	<b>Resistant Structures</b>	none	none	none	V. Light	Light	Moderate	Moderate/Heavy	Heavy	V. Heavy
	<b>Vulnerable Structures</b>	none	none	none	Light	Moderate	Moderate/Heavy	Heavy	V. Heavy	V. Heavy

\*Estimated exposure only includes population within the map area.

**Population Exposure**



**Structures:**

Overall, the population in this region resides in structures that are resistant to earthquake shaking, though some vulnerable structures exist.

**Historical Earthquakes (with MMI levels):**

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1984-11-26	152	5.1	V(17k)	0
2003-12-22	393	6.6	VII(213)	2
1989-10-18	312	6.9	IX(3k)	62

Recent earthquakes in this area have caused secondary hazards such as landslides and liquefaction that might have contributed to losses.

**Selected City Exposure**

from GeoNames.org

MMI	City	Population
III	Hawthorne	3k
II	Smith	1k
II	Smith Valley	2k
II	Bridgeport	< 1k
II	Yerington	3k
I	Kings Beach	4k
I	Carson City	55k
I	Reno	225k
I	Sparks	90k
I	South Lake Tahoe	21k
I	Fernley	19k

bold cities appear on map

(k = x1000)

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

<http://earthquake.usgs.gov/earthquakes/eventpage/nn00550898>

Event ID: nn00550898