

**M 4.8, 23.5 miles SSW of Caliente, NV**

Origin Time: Fri 2015-05-22 18:47:42 UTC (11:47:42 local)

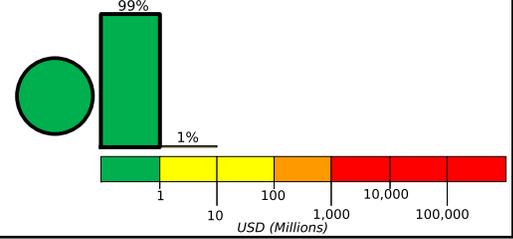
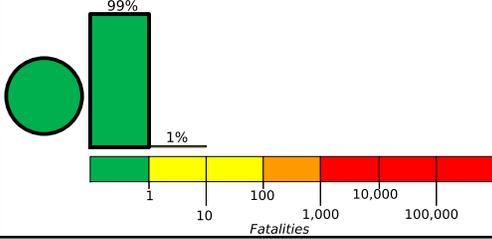
Location: 37.29°N 114.65°W Depth: 4 km

Created: 8 weeks, 1 day after earthquake

**Estimated Fatalities**

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.

**Estimated Economic Losses**

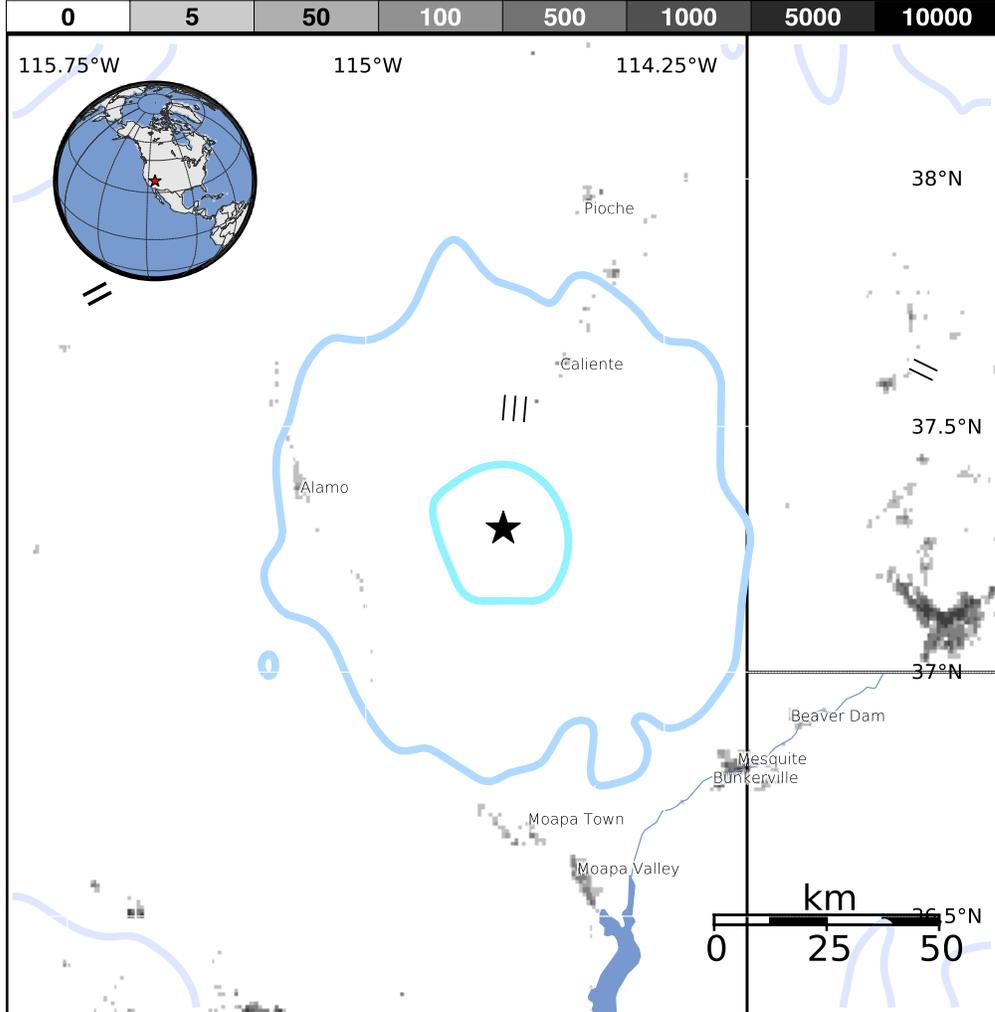


**Estimated Population Exposed to Earthquake Shaking**

ESTIMATED POPULATION EXPOSURE (k = x1000)	--*	182k	0	0	0	0	0	0	0	
ESTIMATED MODIFIED MERCALLI INTENSITY	I	II-III	IV	V	VI	VII	VIII	IX	X+	
PERCEIVED SHAKING	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme	
POTENTIAL DAMAGE	Resistant Structures	none	none	none	V. Light	Light	Moderate	Moderate/Heavy	Heavy	V. Heavy
	Vulnerable Structures	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	358	5.1	V(17k)	0
1999-10-16	346	7.1	IX(17k)	0
1992-06-28	383	7.3	IX(2k)	1

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

**Selected City Exposure**

from GeoNames.org

MMI City	Population
<b>III</b> Alamo	1k
<b>III</b> Caliente	1k
<b>II</b> Bunkerville	1k
<b>II</b> Moapa Town	1k
<b>II</b> Mesquite	15k
<b>II</b> Moapa Valley	7k
<b>II</b> Beaver Dam	2k
<b>II</b> Santa Clara	6k
<b>II</b> Ivins	7k
<b>II</b> Washington	19k
<b>II</b> Saint George	73k

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/pager>

Event ID: nn00495477