

M 4.1, 25.2 km (15.7 mi) S of Acoma, NV

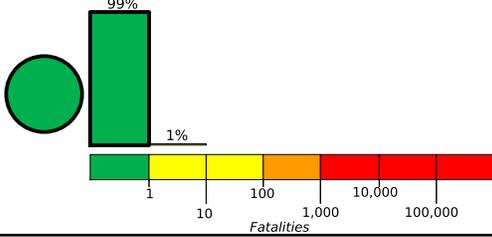
Origin Time: Tue 2014-01-28 16:20:11 UTC (08:20:11 local)

Location: 37.33°N 114.12°W Depth: 7 km

Created: 8 hours, 4 minutes 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

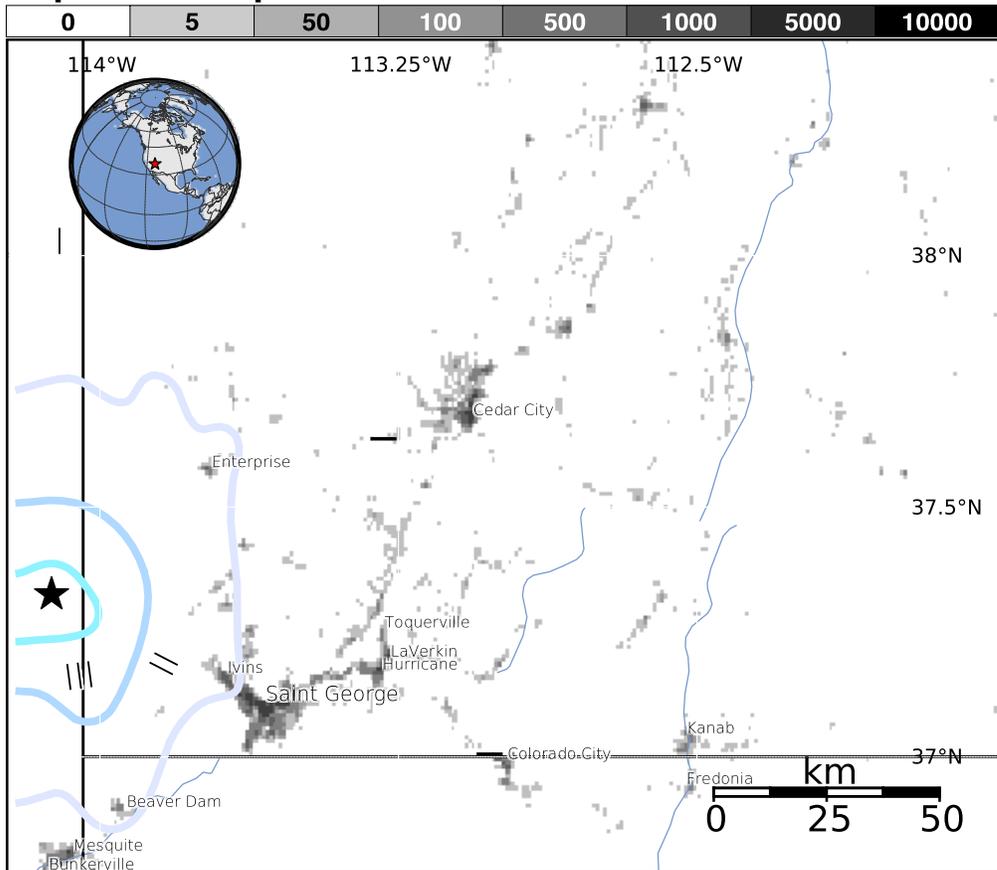


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		188k*	45k*	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
1986-07-21	386	5.4	VII(15)	0
1984-11-23	386	5.8	VIII(8k)	0
1999-10-16	374	7.1	IX(17k)	0

Selected City Exposure

from GeoNames.org

MMI	City	Population
II	Santa Clara	6k
II	Ivins	7k
II	Beaver Dam	2k
II	Saint George	73k
II	Mesquite	15k
II	Cedar City	29k
I	Washington	19k
I	Hurricane	14k
I	Enoch	6k
I	Colorado City	5k
I	Kanab	4k

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: uu60053232