

M 4.0, NEW MEXICO

Origin Time: Sun 2015-02-08 04:40:32 UTC (21:40:32 local)

Location: 32.25°N 107.30°W Depth: 8 km

PAGER
Version 2

Created: 2 hours, 2 minutes after earthquake

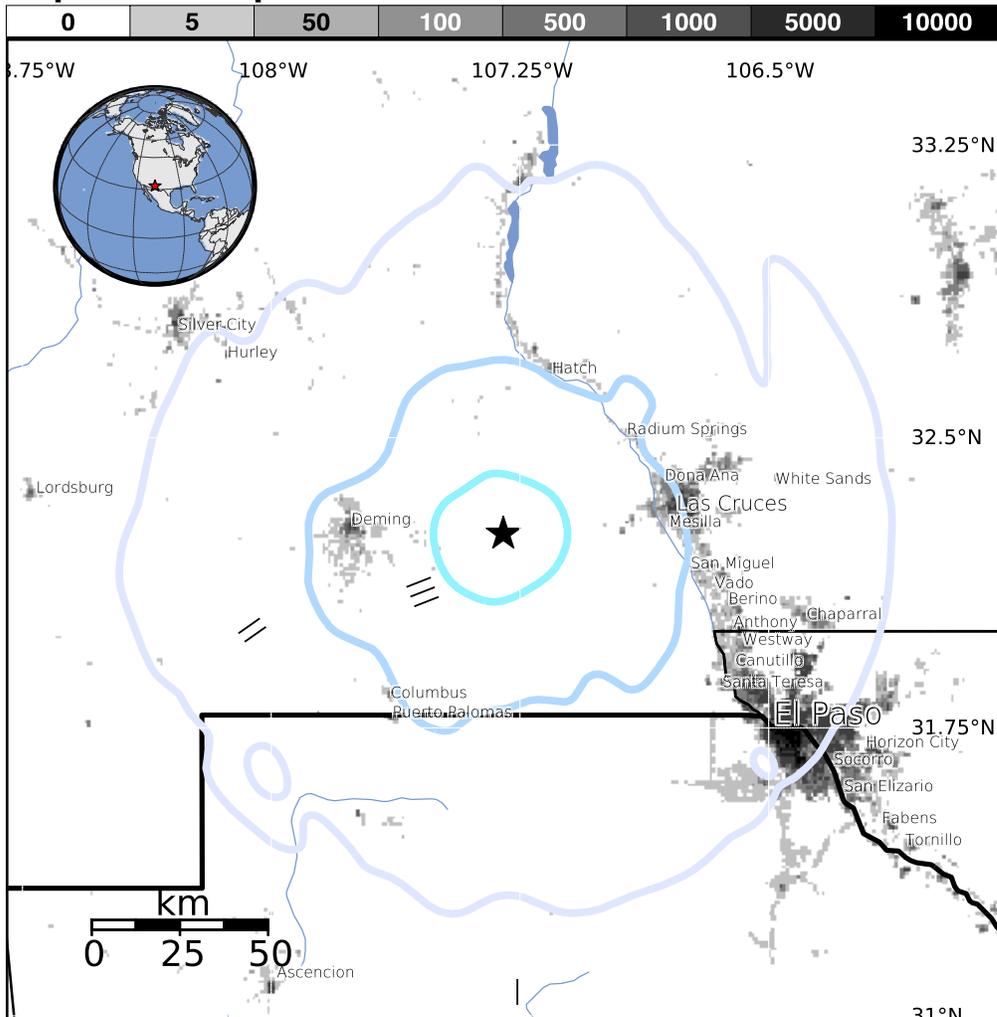


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		499k	2,133k	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):

A magnitude 5.0 earthquake 395 km east of this one struck the United States on January 2, 1992 (UTC), with estimated population exposures of 4,000 at intensity V and 29,000 at intensity IV, with no reported fatalities.

Selected City Exposure

from GeoNames.org

MMI	City	Population
III	San Ysidro	2k
III	Deming	15k
III	Mesilla	2k
III	Radium Springs	2k
III	Hatch	2k
III	Dona Ana	1k
III	Las Cruces	98k
II	El Paso	649k
II	Ciudad Juarez	1,512k
I	Socorro	32k
I	Alamogordo	30k

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: usc000tn5e