

M 4.3, 53.4 km (33.2 mi) ESE of Maneadero, B.C., MX

Origin Time: Fri 2015-11-13 17:17:18 UTC (09:17:18 local)

Location: 31.61°N 116.02°W Depth: 5 km

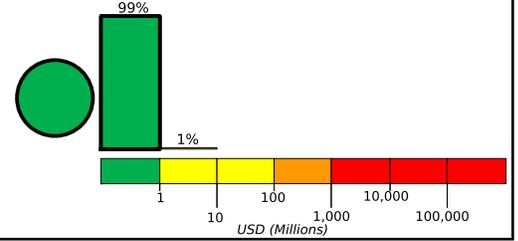
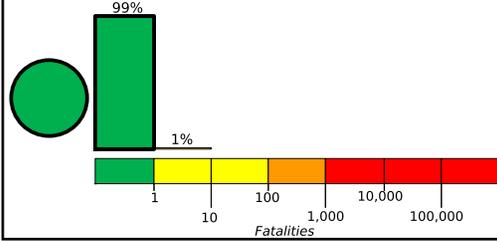
Created: 1 day, 0 hours after earthquake

PAGER Version 3

Estimated Fatalities

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

Estimated Economic Losses

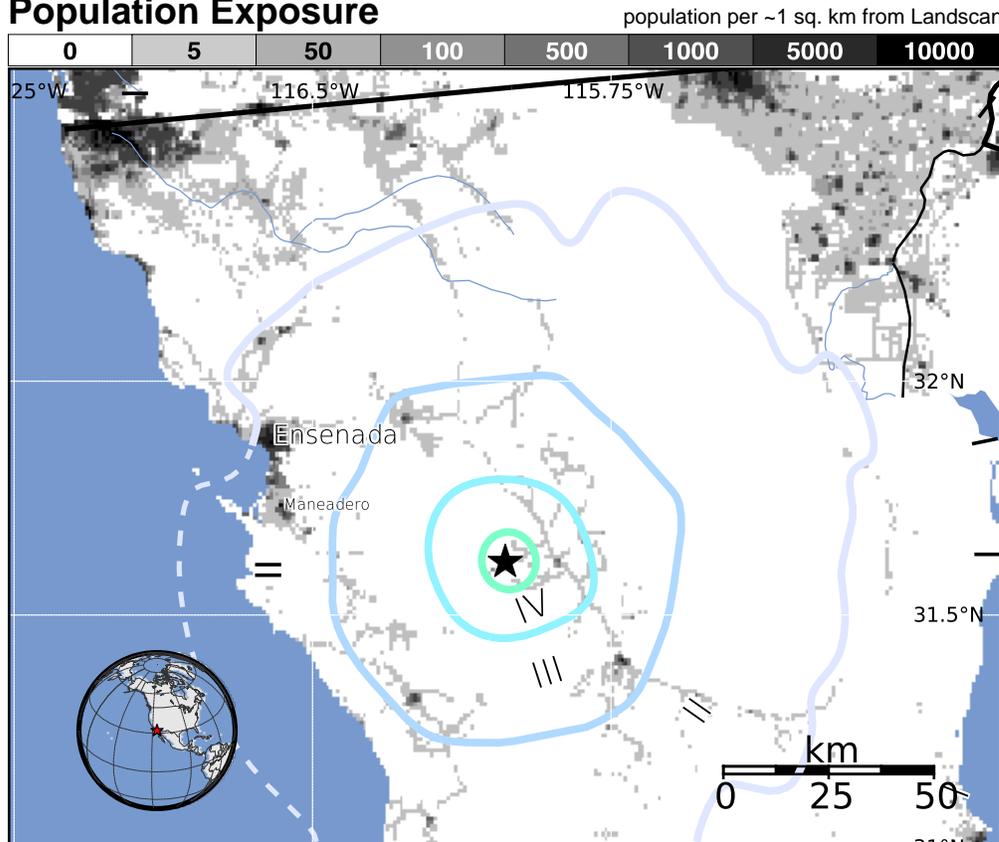


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)	3,244k*	348k	4k	1k	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 a mix of vulnerable and earthquake resistant construction.

Historical Earthquakes (with MMI levels):

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1977-11-21	395	6.0	VII(4)	0
1975-07-08	351	6.5	IX(20)	0
1980-06-09	127	6.3	IX(336)	1

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
II	Maneadero	18k
II	Ensenada	257k
I	Alberto Oviedo Mota	8k
I	Guadalupe Victoria	18k
I	Estacion Coahuila	8k
I	Delta	6k
I	Mexicali	597k
I	Tijuana	1,376k
I	Chula Vista	244k
I	Rosarito	66k

bold cities appear on map

(k = x1000)