

M 5.8, OFF THE COAST OF JALISCO, MEXICO

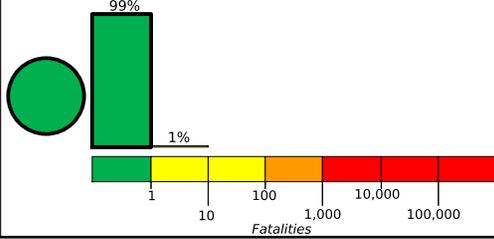
Origin Time: Thu 2016-06-02 02:23:06 UTC (02:23:06 local)

Location: 18.02°N 105.85°W Depth: 10 km

Created: 18 hours, 24 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

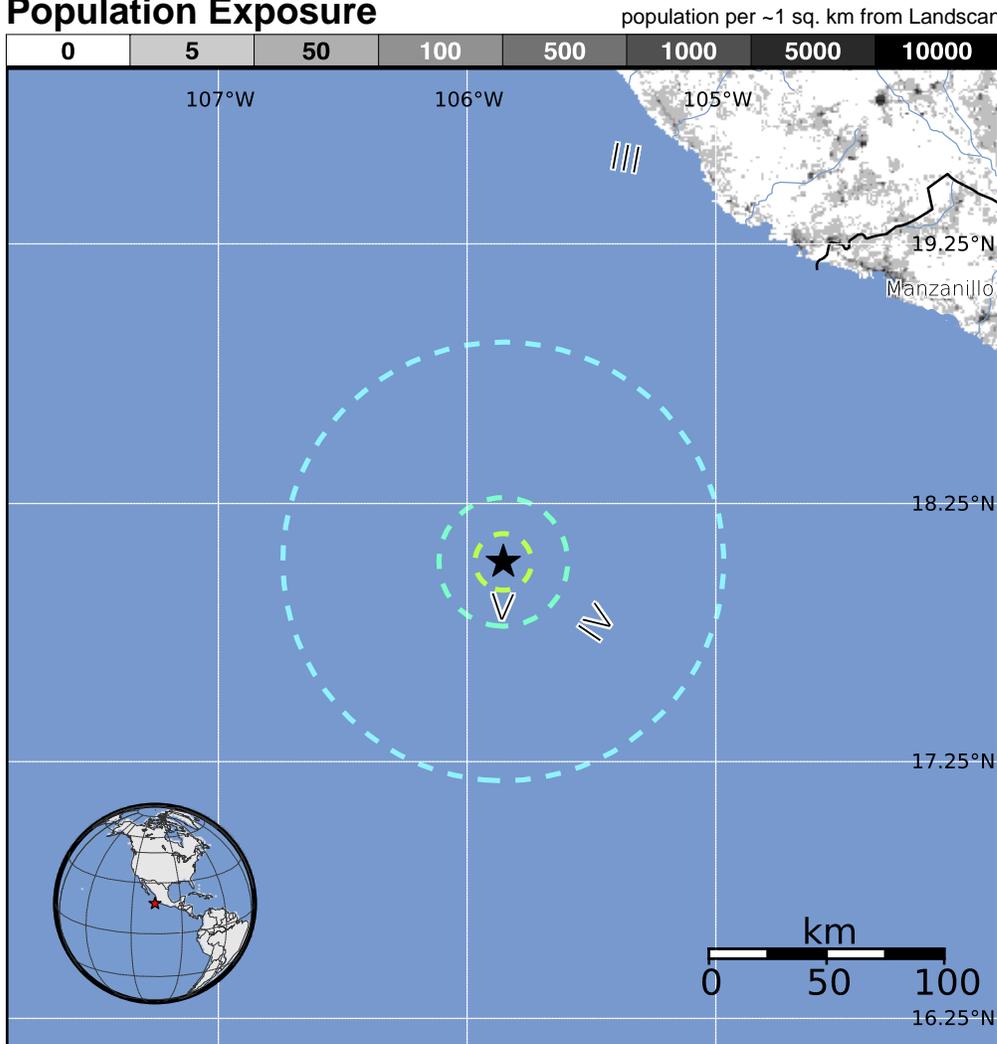


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	528k*	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 a mix of vulnerable and earthquake resistant construction.

Historical Earthquakes (with MMI levels):

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1989-08-29	17	6.5	IV(454k)	0
2003-01-22	213	7.5	VII(300k)	29
1985-09-19	371	8.0	VII(353k)	10k

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
III	San Patricio	7k
III	Manzanillo	111k
III	La Huerta	8k
III	Tecoman	80k
III	Las Juntas	6k
III	Purificacion	5k
III	Cihuatlan	17k
III	Armeria	17k
III	Casimiro Castillo	11k
III	El Grullo	21k
III	Autlan de Navarro	42k

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/us20005zv0>

Event ID: us20005zv0