

M 6.6, OFF THE COAST OF JALISCO, MEXICO

Origin Time: Thu 2016-01-21 18:06:57 UTC (18:06:57 local)

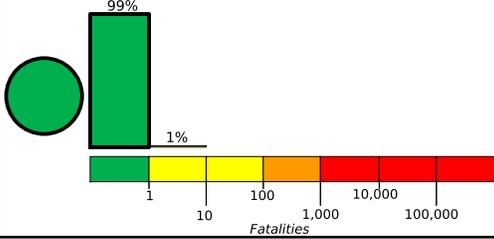
Location: 18.82°N 106.93°W Depth: 10 km

Created: 6 weeks, 4 days 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

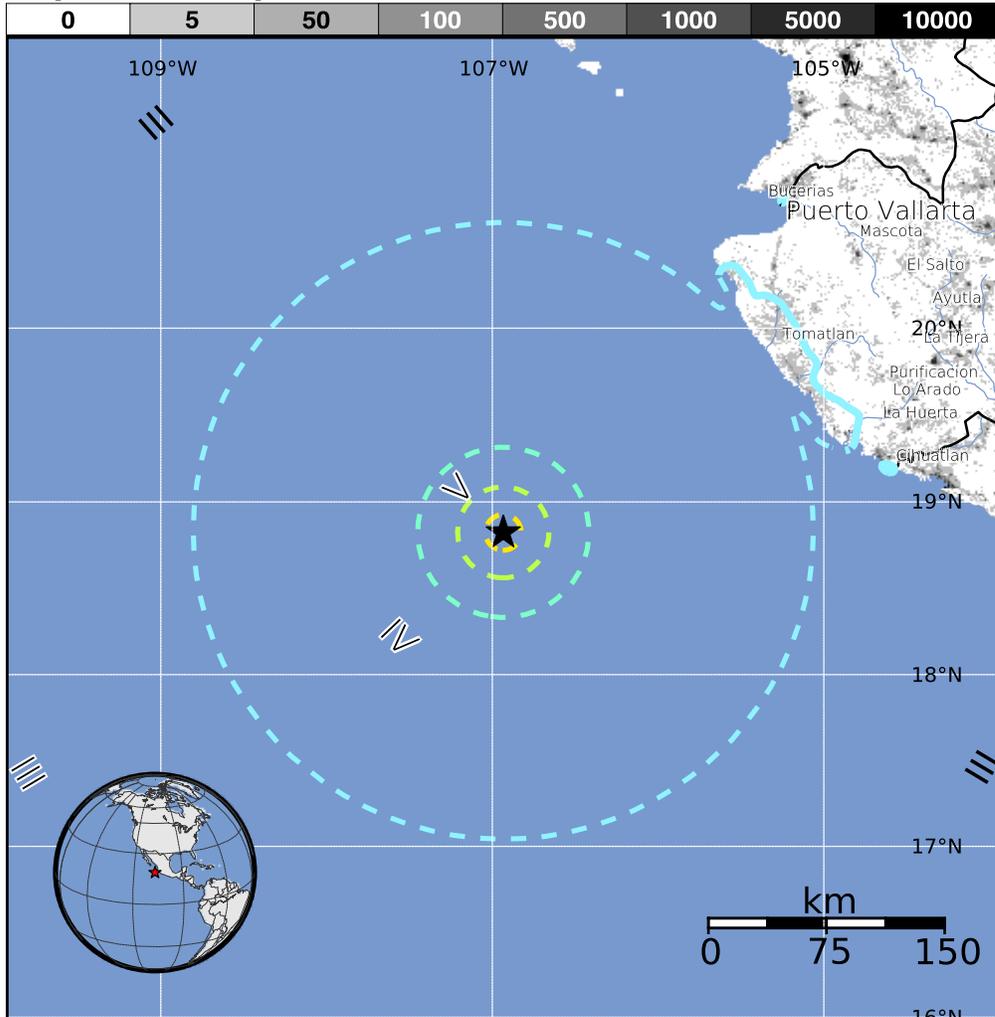


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		- -*	1,512k*	299k	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	162	6.5	IV(454k)	0
2003-01-22	304	7.5	VII(300k)	29
1995-10-09	290	8.0	VIII(89k)	49

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
IV	San Patricio	7k
IV	Mascota	8k
IV	San Juan de Abajo	9k
IV	Manzanillo	111k
IV	Purificacion	5k
IV	Tomatlan	8k
III	Autlan de Navarro	42k
III	Puerto Vallarta	187k
III	Ameca	36k
III	El Salto	23k
III	Tepec	281k

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/us10004g4l>

Event ID: us10004g4l