

M 6.6, 14km ENE of Puerto Madero, Mexico

Origin Time: 2019-02-01 16:14:13 UTC (Fri 10:14:13 local)

Location: 14.7628° N 92.2981° W Depth: 67.9 km

FOR TSUNAMI INFORMATION, SEE: tsunami.gov

PAGER
Version 1

Created: 22 minutes, 2 seconds after earthquake

Estimated Fatalities

Estimated economic losses are less than 1% of GDP of Mexico.

Estimated Economic Losses

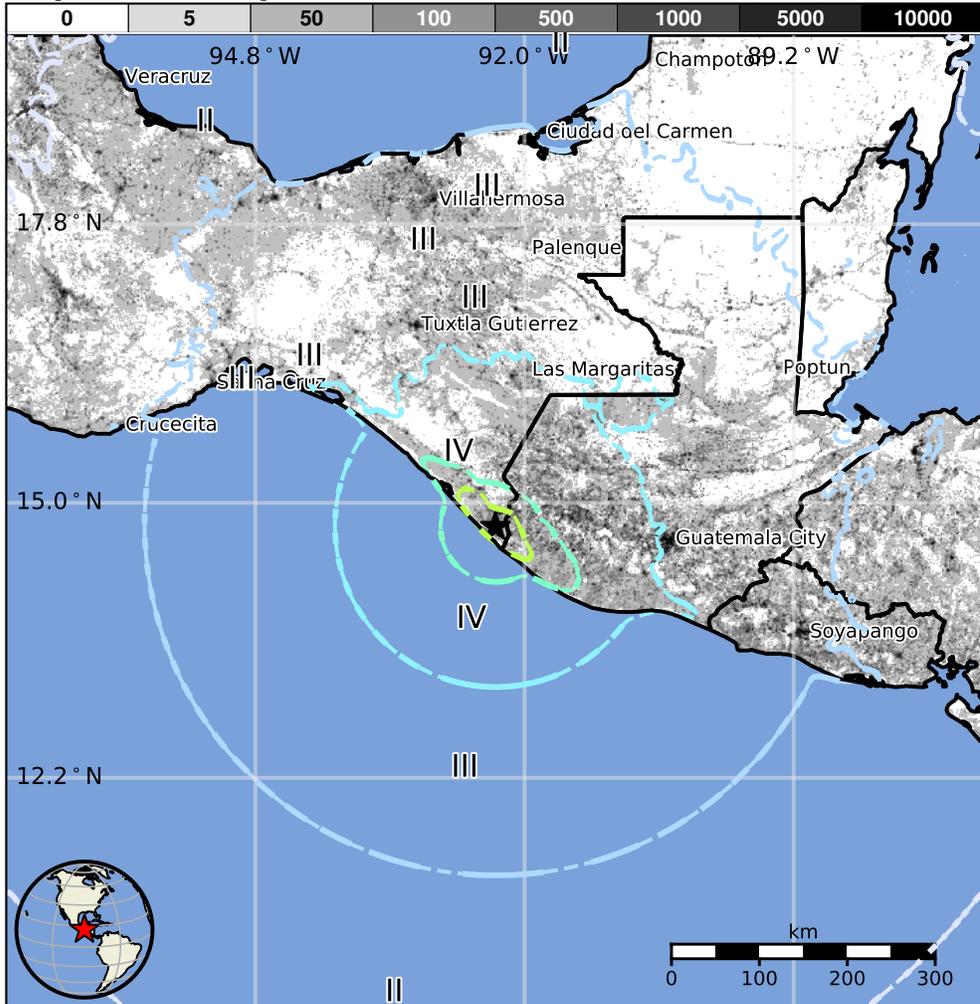
Yellow alert for shaking-related fatalities and economic losses. Some casualties and damage are possible and the impact should be relatively localized. Past yellow alerts have required a local or regional level response.

Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)	810k*	33,914k	9,188k	1,479k	680k	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	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./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 highly vulnerable to earthquake shaking, though some resistant structures exist. The predominant vulnerable building types are mud wall and informal (metal, timber, GI etc.) construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1978-07-29	140	4.9	VII(14k)	17
1982-06-19	358	7.3	VIII(220k)	43
1976-02-04	343	7.5	IX(80k)	23k

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
VI	Ciudad Hidalgo	<1k
VI	Tinajas 1ra. Seccion	1k
VI	El Encanto	2k
VI	Mazatan	6k
VI	Ayutla	11k
VI	La Libertad	4k
IV	Guatemala City	995k
III	Tuxtla	481k
III	San Salvador	526k
II	San Pedro Sula	489k
II	Xalapa de Enriquez	425k

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.

<https://earthquake.usgs.gov/earthquakes/eventpage/us2000jhub#pager>

Event ID: us2000jhub