

M 6.9, 5km NNE of San Pablo, Guatemala

Origin Time: 2017-06-14 07:29:05 UTC (Wed 01:29:05 local)

Location: 14.9823° N 91.9882° W Depth: 94.0 km

FOR TSUNAMI INFORMATION, SEE: tsunami.gov

PAGER
Version 3

Created: 2 hours, 4 minutes after earthquake

Estimated Fatalities

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

Estimated Economic Losses

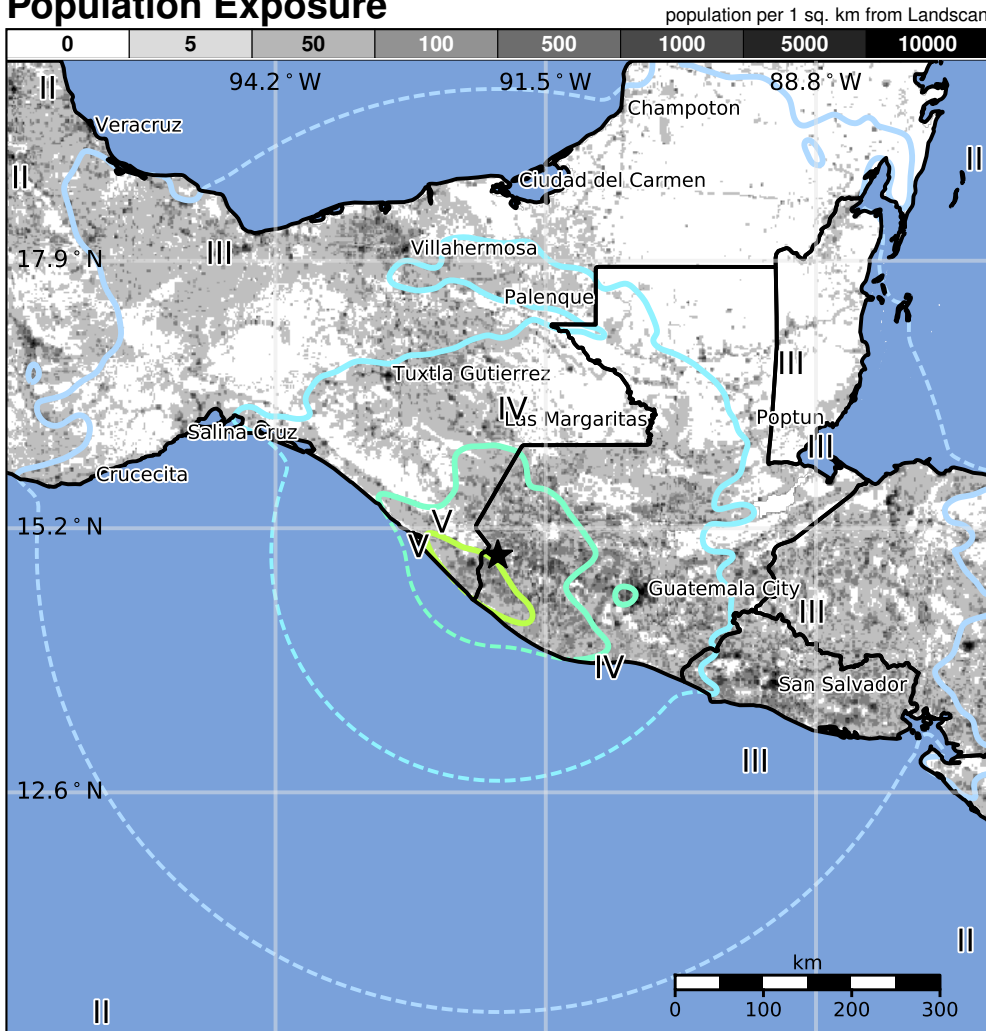
Yellow alert for shaking-related fatalities and economic losses. Some casualties and damage are possible and the impact should be relatively localized. Past yellow alerts have required a local or regional level response.

Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)	—*	25,970k	10,755k	7,485k	1,679k	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	110	4.9	VII(14k)	17
1982-06-19	341	7.3	VIII(220k)	43
1976-02-04	307	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	Congregacion Reforma	1k
VI	Alvaro Obregon	5k
VI	Ayutla	11k
VI	Octavio Paz	1k
VI	Los Palacios	1k
V	Guatemala City	995k
IV	Tuxtla	481k
III	San Salvador	526k
III	San Pedro Sula	489k
III	Tegucigalpa	851k

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/us20009mbt#pager>

Event ID: us20009mbt