

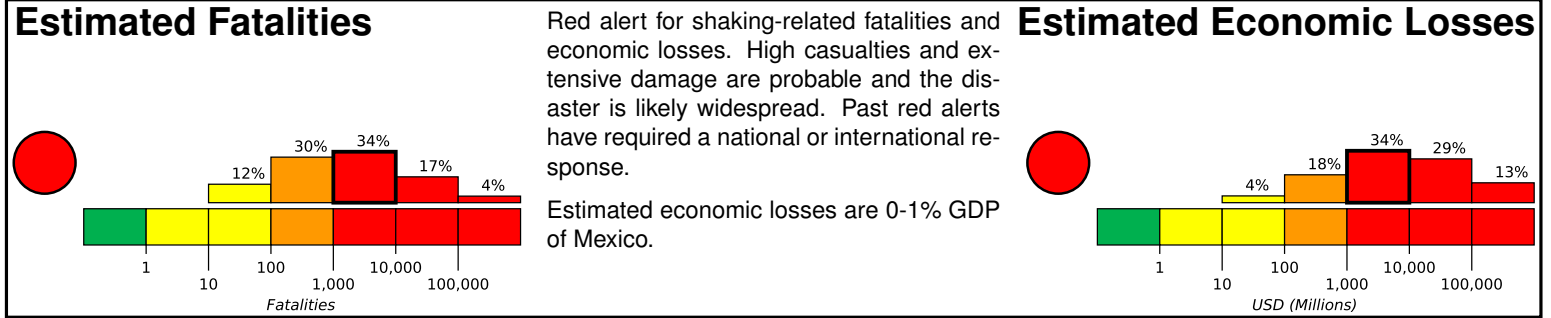
# M 8.1, 87km SW of Pijijiapan, Mexico

Origin Time: 2017-09-08 04:49:21 UTC (Thu 22:49:21 local)

Location: 15.0678° N 93.7150° W Depth: 69.7 km

FOR TSUNAMI INFORMATION, SEE: [tsunami.gov](http://tsunami.gov)

Created: 17 hours, 19 minutes after earthquake

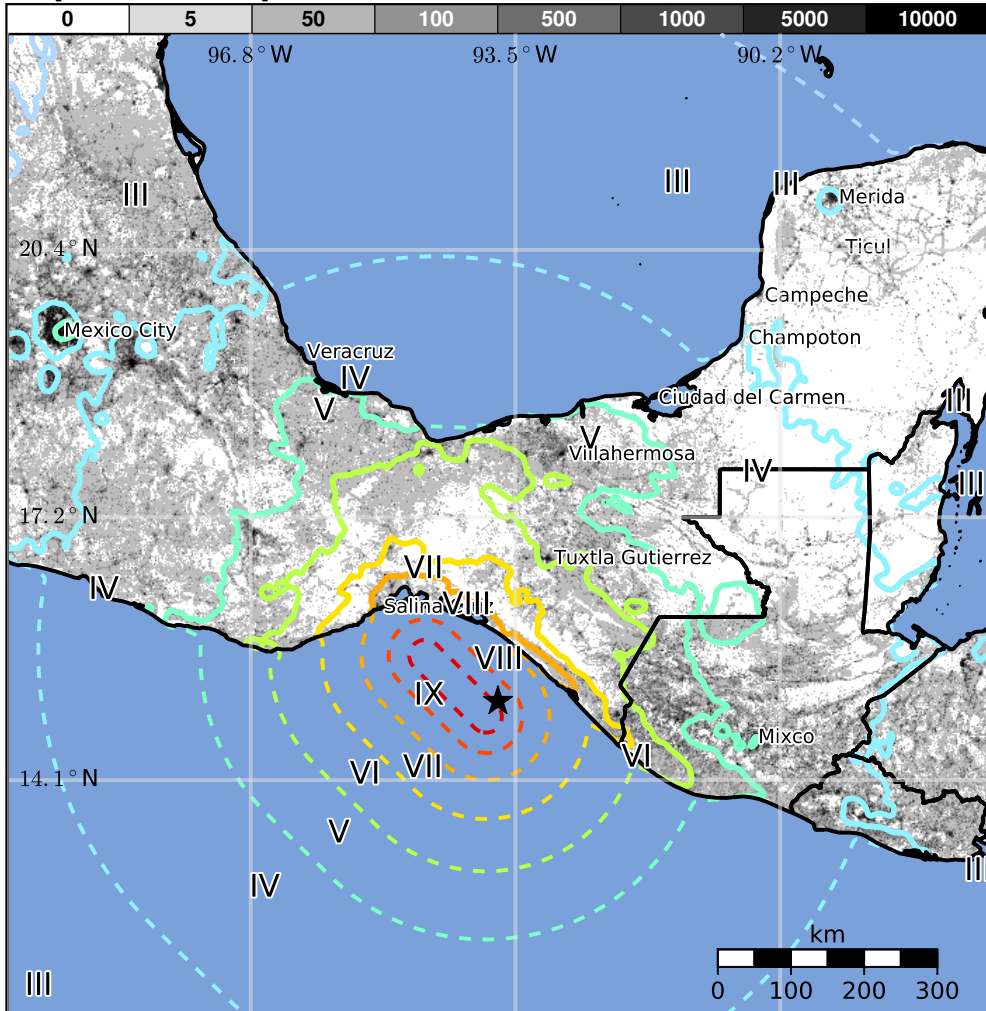


## Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	21,099k*	40,482k	22,972k	4,157k	950k	547k	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 a mix of vulnerable and earthquake resistant construction. The predominant vulnerable building types are mud wall and unknown/miscellaneous types construction.

## Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1985-10-11	307	4.5	VI(14k)	0
1978-07-29	294	4.9	VII(14k)	17
1991-09-18	303	6.2	IX(9k)	25

Recent earthquakes in this area have caused secondary hazards such as tsunamis and landslides that might have contributed to losses.

## Selected City Exposure

from GeoNames.org

MMI	City	Population
VIII	San Francisco del Mar Viejo	4k
VIII	San Francisco Ixhuatan	6k
VIII	San Mateo del Mar	5k
VIII	Colonia Juarez	3k
VIII	San Luqueno	1k
VIII	Doctor Belisario Dominguez (La Barra)	1k
V	<b>Mexico City</b>	<b>12,294k</b>
V	Guatemala City	995k
IV	Puebla	1,590k
IV	<b>Merida</b>	<b>717k</b>
III	San Salvador	526k

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/us2000ahv0#pager>

Event ID: us2000ahv0