

M 8.2, 98km SSW of Tres Picos, Mexico

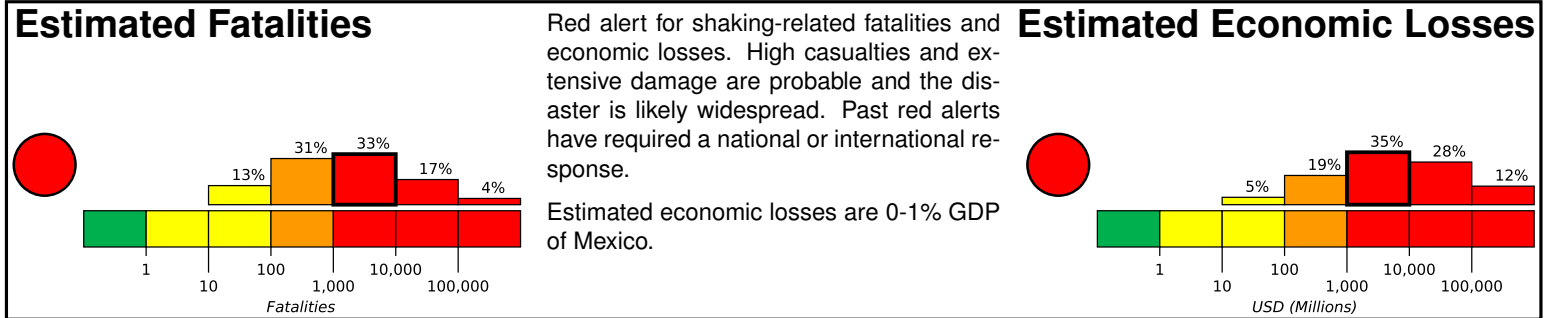
Origin Time: 2017-09-08 04:49:19 UTC (Thu 22:49:19 local)

Location: 15.0222° N 93.8993° W Depth: 47.4 km

FOR TSUNAMI INFORMATION, SEE: tsunami.gov

PAGER
Version 11

Created: 7 weeks, 0 days after earthquake

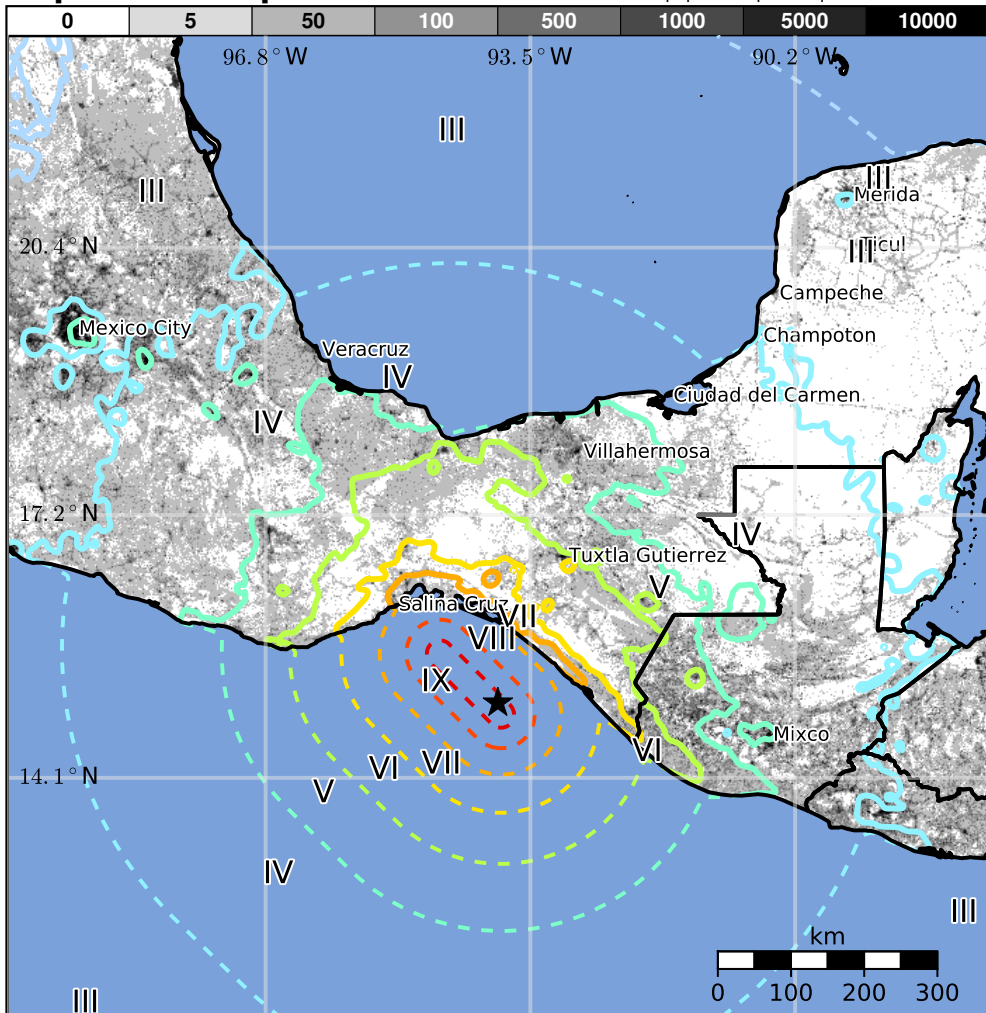


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	22,494k*	35,783k	26,954k	4,356k	1,129k	479k	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	327	4.5	VI(14k)	0
1978-07-29	314	4.9	VII(14k)	17
1991-09-18	322	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	Nueva Tenochtitlan (Rizo de Oro)	2k
VIII	Villamorelos	2k
VIII	San Luqueno	1k
V	Mexico City	12,294k
V	Guatemala City	995k
V	Puebla	1,590k
IV	Merida	717k
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