

M 6.6, OFFSHORE CHIAPAS, MEXICO

Origin Time: Thu 2015-12-17 19:49:53 UTC (19:49:53 local)

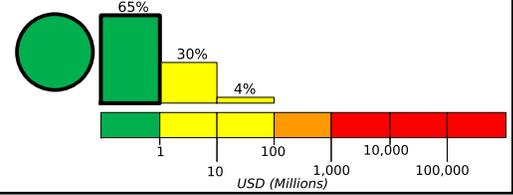
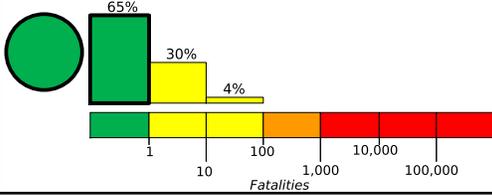
Location: 15.80°N 93.63°W Depth: 85 km

Created: 6 weeks, 5 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

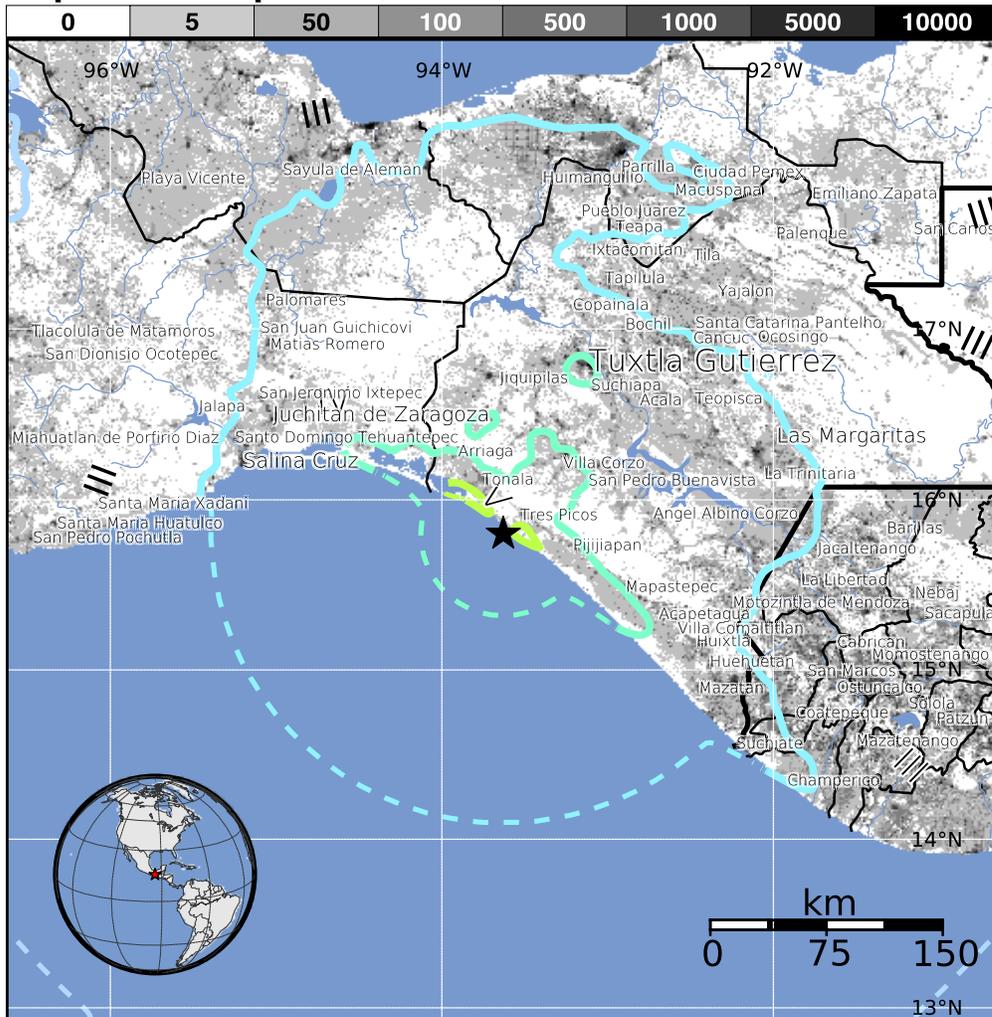


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	12,350k*	5,508k	1,062k	28k	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
1993-09-30	172	6.5	V(291k)	0
1975-11-05	130	5.0	VII(515)	1
1999-09-30	368	7.4	VIII(37k)	15

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	Tres Picos	5k
VI	Paredon	6k
V	Tonalá	33k
V	Tuxtla Gutierrez	481k
V	Pijijiapan	15k
V	Villa Corzo	9k
III	Villahermosa	362k
III	Huehuetenango	79k
III	Chimaltenango	82k
III	Quetzaltenango	132k
III	Escuintla	103k

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/us100047zq>

Event ID: us100047zq