

**M 5.8, OFFSHORE CHIAPAS, MEXICO**

Origin Time: Wed 2016-04-27 12:51:22 UTC (12:51:22 local)

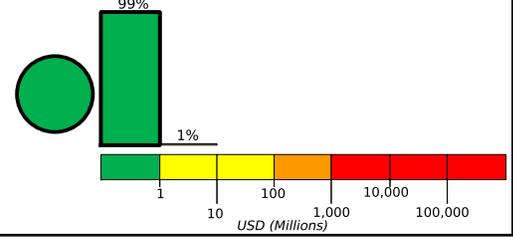
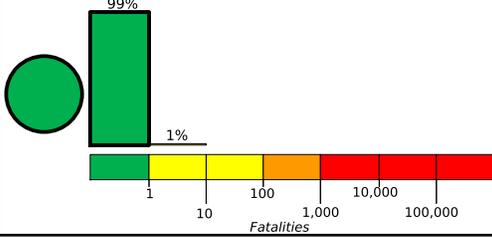
Location: 14.57°N 92.97°W Depth: 35 km

Created: 2 hours, 3 minutes 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**

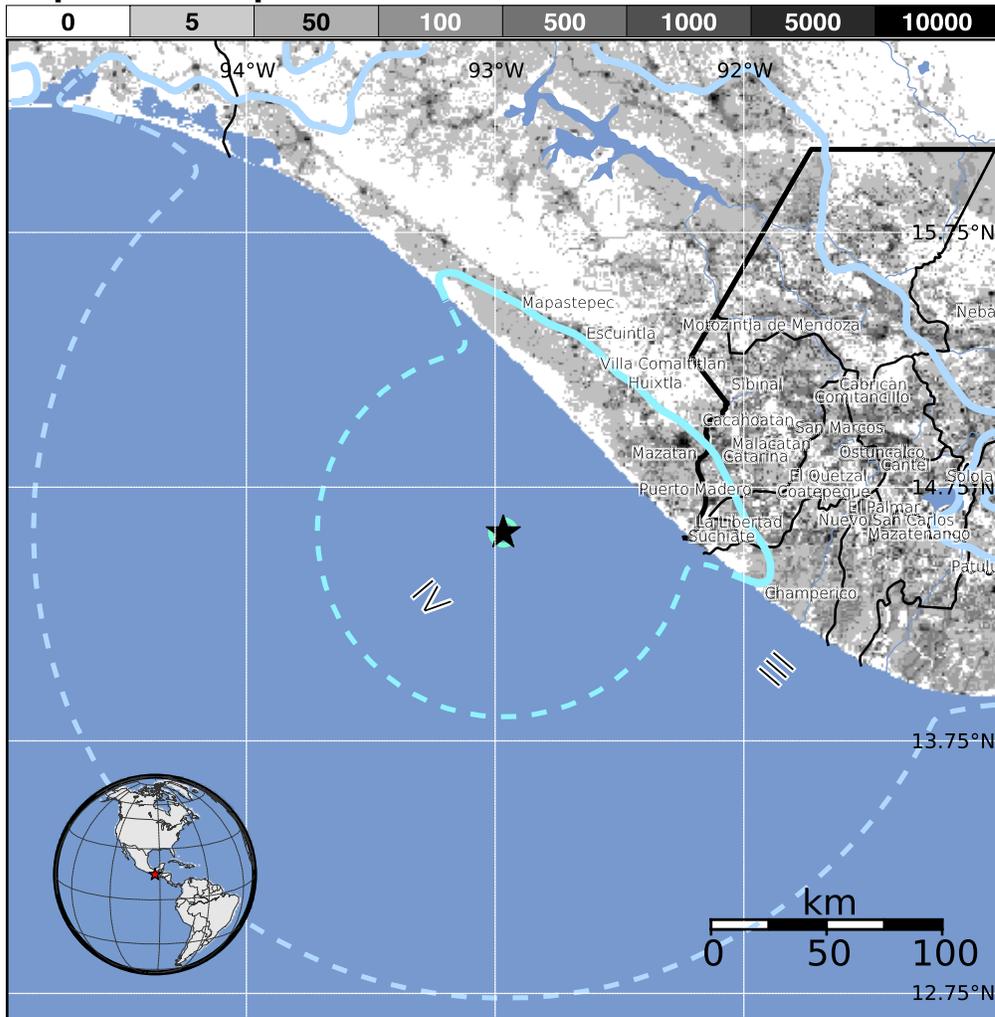


**Estimated Population Exposed to Earthquake Shaking**

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	7,295k	887k	0	0	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
2002-10-11	329	5.5	V(125k)	0
1975-11-05	259	5.0	VII(515)	1
1993-09-10	41	7.2	VIII(6k)	1

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

**Selected City Exposure**

from GeoNames.org

MMI	City	Population
IV	<b>Puerto Madero</b>	10k
IV	<b>Mazatan</b>	6k
IV	Alvaro Obregon	5k
IV	La Libertad	4k
IV	<b>Suchiate</b>	14k
IV	<b>Villa Comaltitlan</b>	8k
III	Quetzaltenango	132k
III	<b>Mazatenango</b>	44k
III	Totonicapan	70k
III	Huehuetenango	79k
II	<b>Solola</b>	45k

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/us10005bxb>

Event ID: us10005bxb