

M 5.5, OFFSHORE CHIAPAS, MEXICO

Origin Time: Thu 2013-09-26 06:46:03 UTC (00:46:03 local)

Location: 14.44°N 93.39°W Depth: 8 km

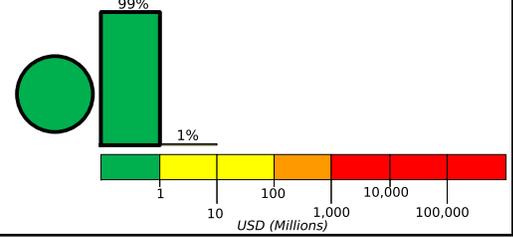
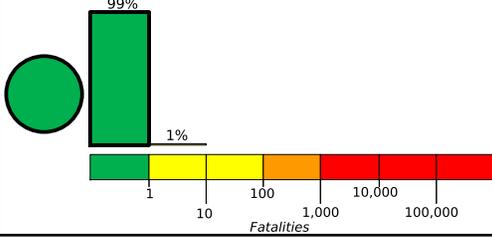
PAGER
Version 5

Created: 6 weeks, 1 day 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

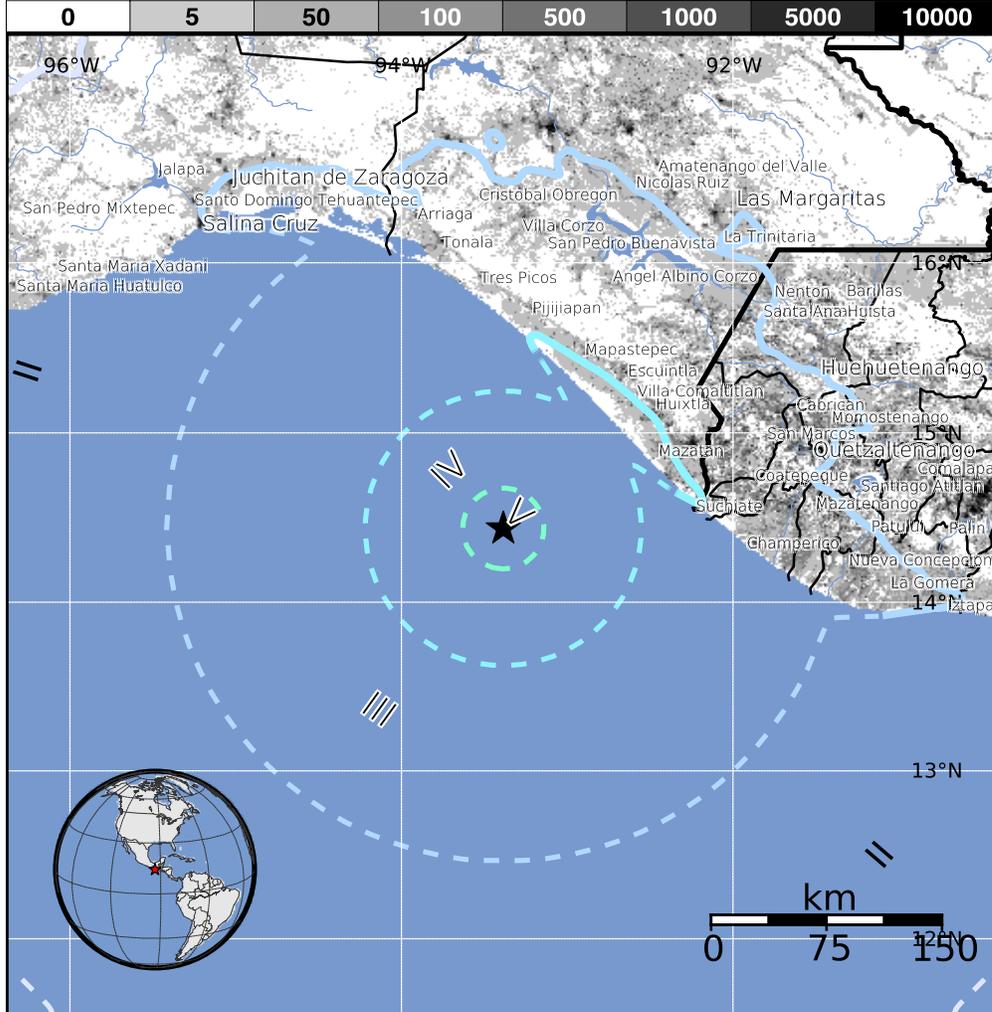


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		40k*	15,609k	230k	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	296	5.5	V(125k)	0
1975-11-05	275	5.0	VII(515)	1
1978-11-29	390	7.8	VIII(81k)	9

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
IV Mazatan	6k
IV Puerto Madero	10k
IV La Libertad	4k
IV Alvaro Obregon	5k
IV Ciudad Tecun Uman	11k
III Suchiate	14k
III Quetzaltenango	132k
II Tuxtla Gutierrez	481k
II Escuintla	103k
II Chimaltenango	82k
II Guatemala City	995k

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/pager>

Event ID: usb000k036