

M 6.9, CHIAPAS, MEXICO

Origin Time: Mon 2014-07-07 11:23:55 UTC (06:23:55 local)

Location: 14.74°N 92.41°W Depth: 60 km

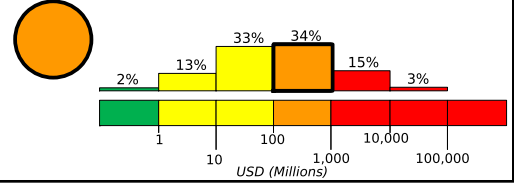
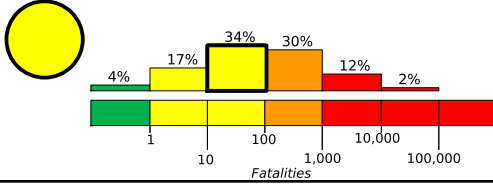
Created: 1 hour, 19 minutes after earthquake

Estimated Fatalities

Orange alert level for economic losses. Significant damage is likely and the disaster is potentially widespread. Estimated economic losses are less than 1% of GDP of Mexico. Past events with this alert level have required a regional or national level response.

Estimated Economic Losses

Yellow alert level for shaking-related fatalities. Some casualties are possible.

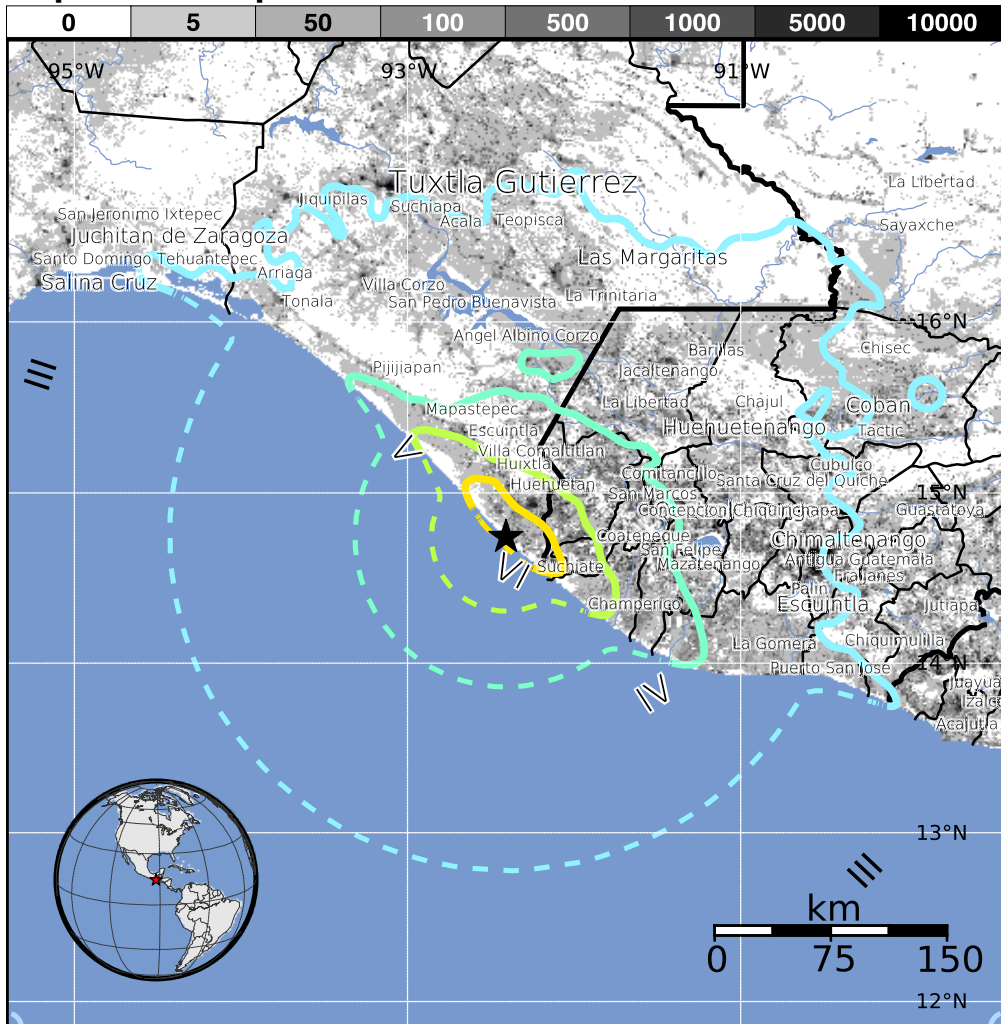


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)	- -*	7,590k*	9,666k	2,768k	984k	273k	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
	Vulnerable Structures	none	none	none	Light	Moderate	Moderate/Heavy	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 concrete/cinder block masonry construction.

Historical Earthquakes (with MMI levels):

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1983-02-22	343	5.6	VII(91k)	0
1975-11-05	240	5.0	VII(515)	1
1993-09-10	29	7.2	VIII(6k)	1

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

Selected City Exposure

from GeoNames.org

MMI City	Population
VII Puerto Madero	10k
VII La Libertad	4k
VII Ciudad Tecun Uman	11k
VII Mazatan	6k
VII Alvaro Obregon	5k
VII Frontera Hidalgo	3k
V Quetzaltenango	132k
IV Chimaltenango	82k
IV Escuintla	103k
III Guatemala City	995k
III Tuxtla Gutierrez	481k

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: usc000rr6a