

M 5.4, GUERRERO, MEXICO

Origin Time: Wed 2015-09-30 17:25:54 UTC (11:25:54 local)

Location: 18.04°N 101.34°W Depth: 42 km

Created: 12 weeks, 5 days after earthquake

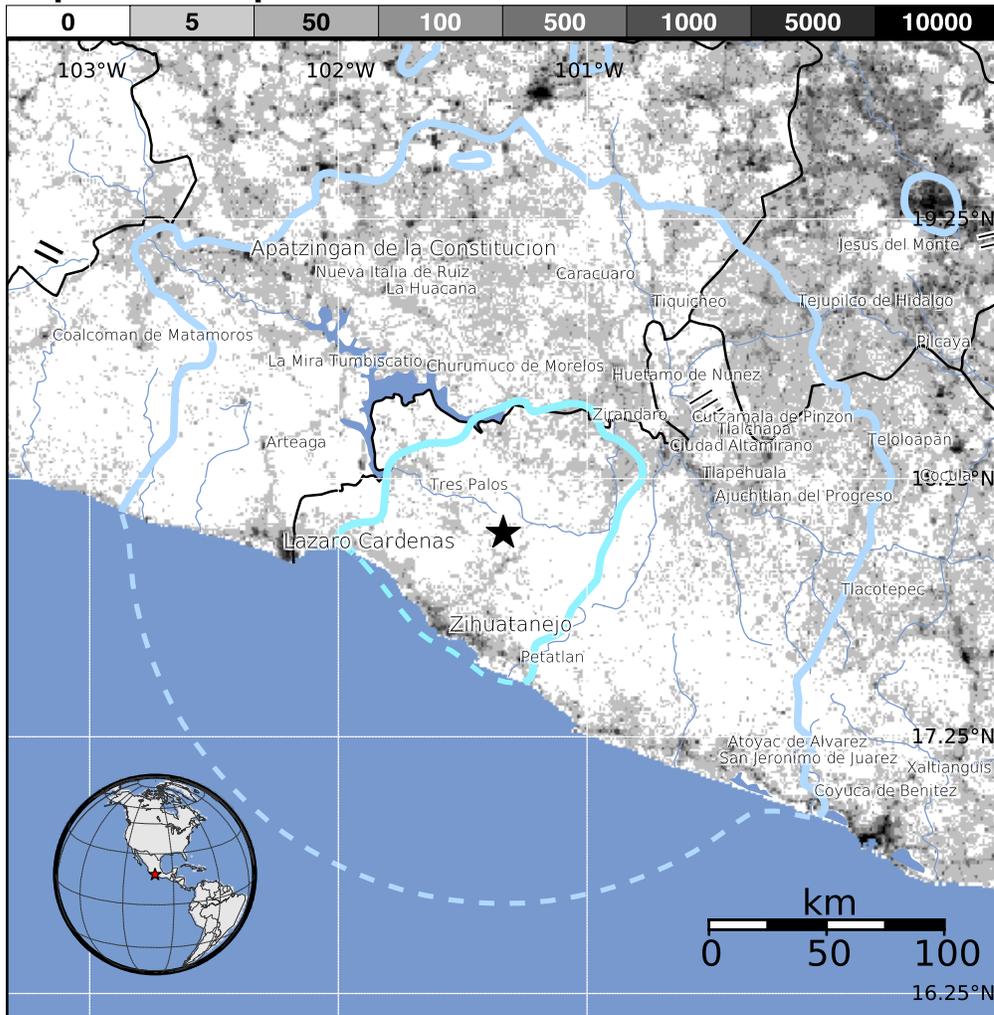


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	9,998k	293k	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
1998-07-11	76	5.4	V(3k)	0
1995-09-14	315	7.3	VI(66k)	3
1985-09-19	121	8.0	VII(353k)	10k

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	San Jeronimito	6k
IV	El Coacoyul	6k
IV	Zirandaro	4k
IV	Tres Palos	5k
IV	La Union	3k
IV	Petatlan	21k
III	Morelia	593k
III	Toluca	506k
II	Acapulco de Juarez	652k

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: us10003jb2