

M 5.6, OFFSHORE CHIAPAS, MEXICO

Origin Time: Mon 2016-04-25 07:07:09 UTC (07:07:09 local)

Location: 14.41°N 93.11°W Depth: 25 km

Created: 2 hours, 2 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

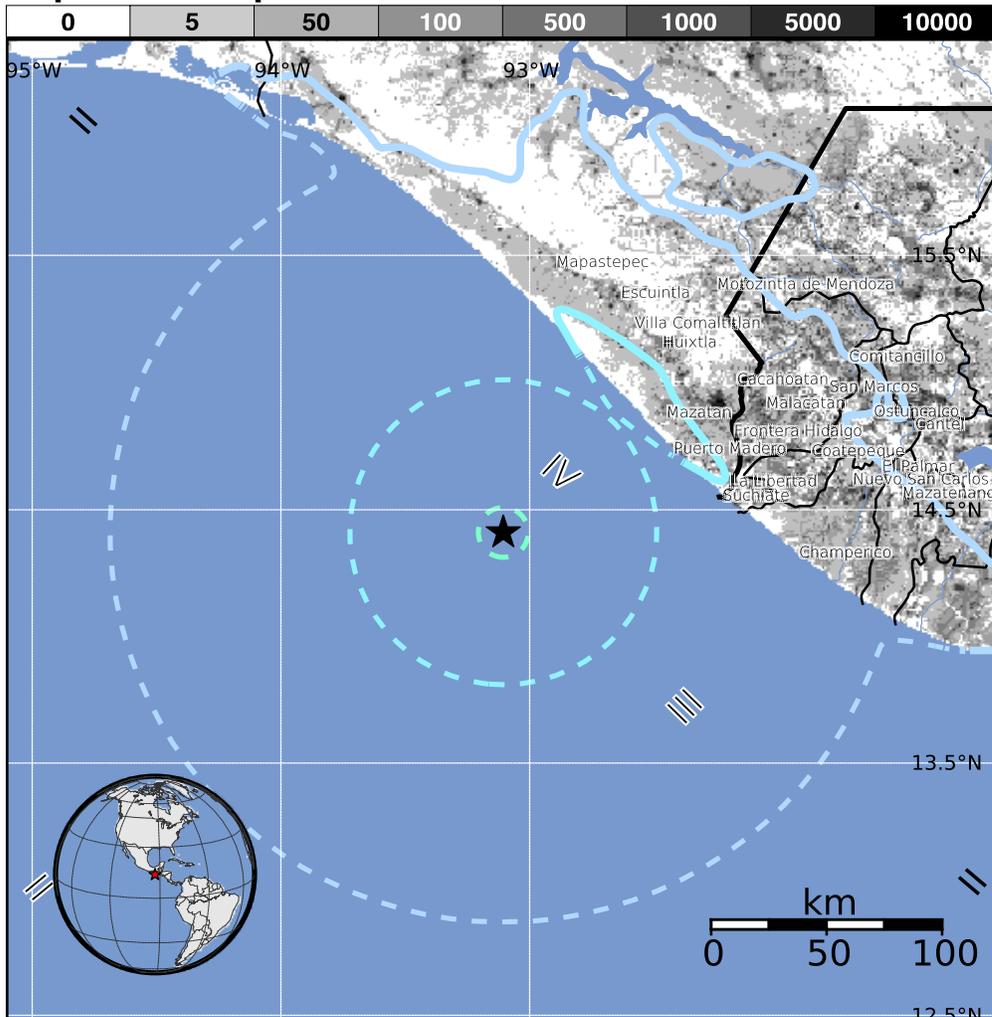


Estimated Population Exposed to Earthquake Shaking

| | | | | | | | | | | |
|---|-----------------------|----------|--------|-------|----------|----------|----------------|----------------|----------|----------|
| ESTIMATED POPULATION EXPOSURE (k = x1000) | | --* | 7,127k | 154k | 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 | 321 | 5.5 | V(125k) | 0 |
| 1975-11-05 | 278 | 5.0 | VII(515) | 1 |
| 1993-09-10 | 63 | 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 | Puerto Madero | 10k |
| IV | Mazatan | 6k |
| IV | Suchiate | 14k |
| IV | La Libertad | 4k |
| III | Alvaro Obregon | 5k |
| III | Ciudad Tecun Uman | 11k |
| III | Mazatenango | 44k |
| III | Quetzaltenango | 132k |
| III | Huehuetenango | 79k |
| II | Totonicapan | 70k |
| II | Solola | 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/us20005li9>

Event ID: us20005li9