

**M 5.5, OFFSHORE OAXACA, MEXICO**

Origin Time: Tue 2013-03-26 13:04:48 UTC (06:04:48 local)

Location: 16.19°N 98.13°W Depth: 10 km

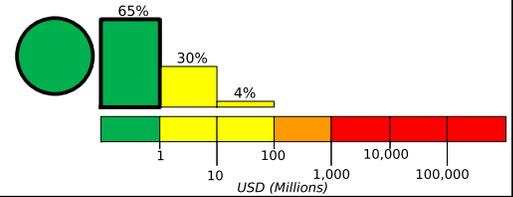
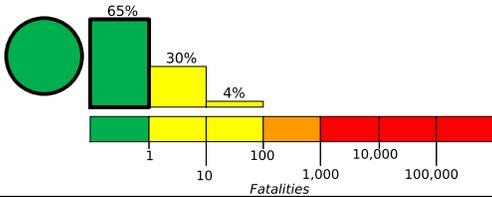
**PAGER**  
**Version 3**

Created: 1 week, 0 days 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**

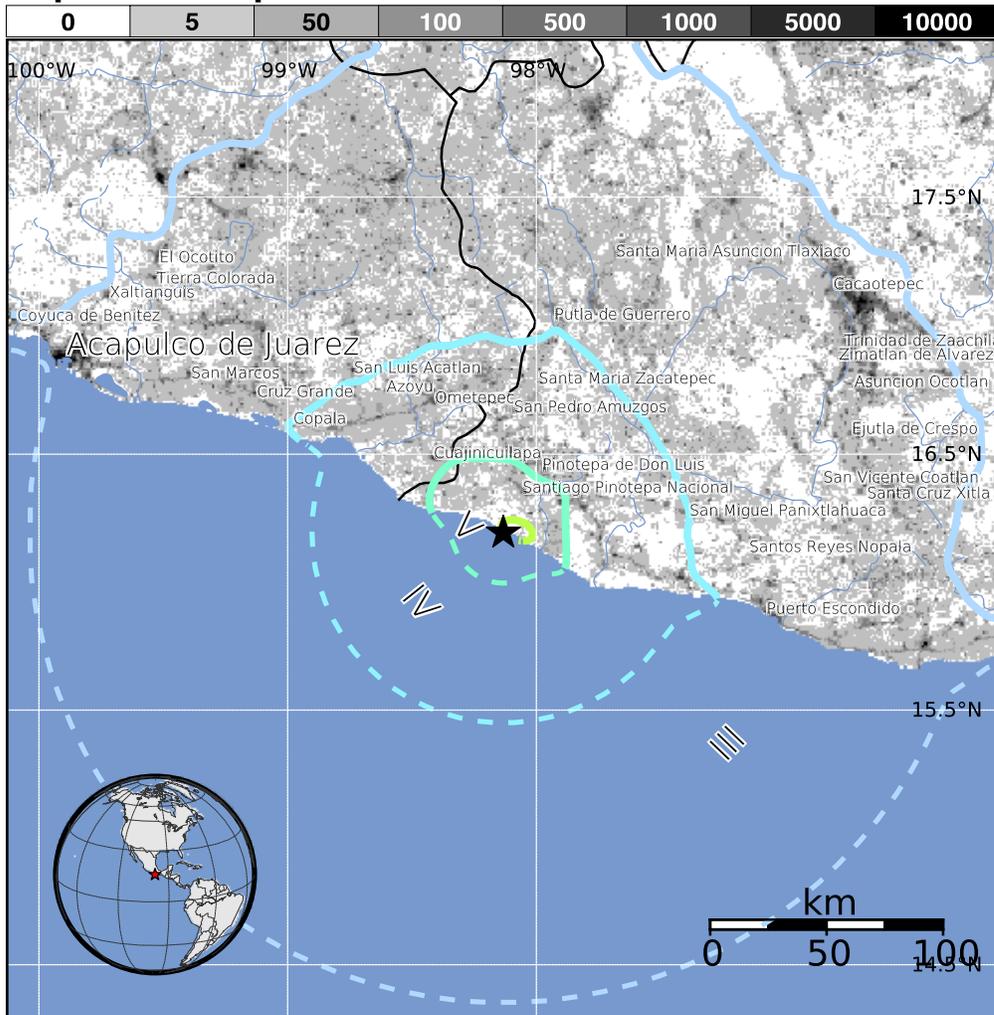


**Estimated Population Exposed to Earthquake Shaking**

| ESTIMATED POPULATION EXPOSURE (k = x1000) | --*                   | 4,613k | 493k  | 83k      | 3k       | 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    |
|   | 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.

**Historical Earthquakes (with MMI levels):**

| Date (UTC) | Dist. (km) | Mag. | Max MMI(#) | Shaking Deaths |
|------------|------------|------|------------|----------------|
| 1984-11-30 | 15         | 5.3  | VI(4k)     | 0              |
| 1995-09-14 | 82         | 7.3  | VI(66k)    | 3              |
| 1973-08-28 | 275        | 7.2  | VII(847k)  | 600            |

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 |
|----------------------|------------|
| V San Pedro Jicayan  | 4k         |
| III Oaxaca de Juarez | 263k       |

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.