

**M 4.1, 38.8 km (24.1 mi) SE of Calexico, CA**

Origin Time: Sat 2013-09-14 10:25:36 UTC (03:25:36 local)

Location: 32.41°N 115.21°W Depth: 10 km

Created: 5 days, 11 hours 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**

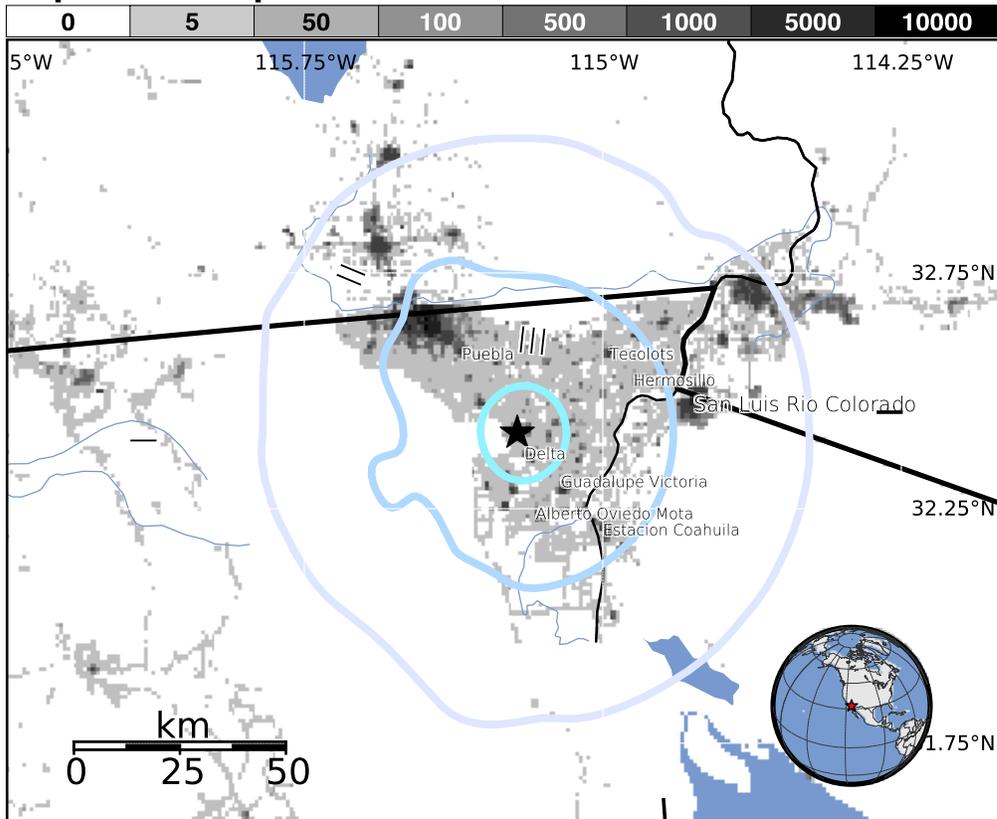


**Estimated Population Exposed to Earthquake Shaking**

ESTIMATED POPULATION EXPOSURE (k = x1000)		121k	1,266k	46k	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
2001-12-08	50	5.7	VIII(72)	0
1975-07-08	379	6.5	IX(20)	0
1980-06-09	33	6.3	IX(336)	1

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

**Selected City Exposure**

from GeoNames.org

MMI	City	Population
IV	<b>Delta</b>	6k
III	<b>Puebla</b>	9k
III	<b>Tecolots</b>	5k
III	<b>Hermosillo</b>	6k
III	Mexicali	597k
II	Calexico	39k
II	El Centro	43k
II	Yuma	93k

bold cities appear on map

(k = x1000)