

M 4.1, 52.0 km (32.3 mi) SSE of Calexico, CA

Origin Time: Wed 2013-04-17 02:57:58 UTC (19:57:58 local)

Location: 32.24°N 115.27°W Depth: 10 km

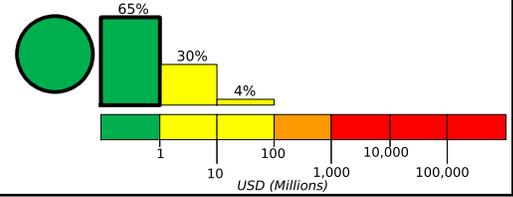
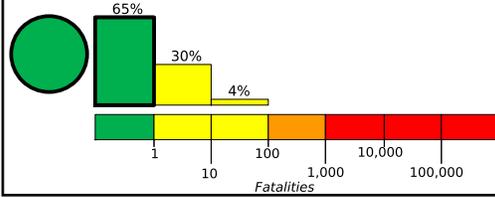
Created: 1 day, 0 hours after earthquake

PAGER Version 6

Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.

Estimated Economic Losses

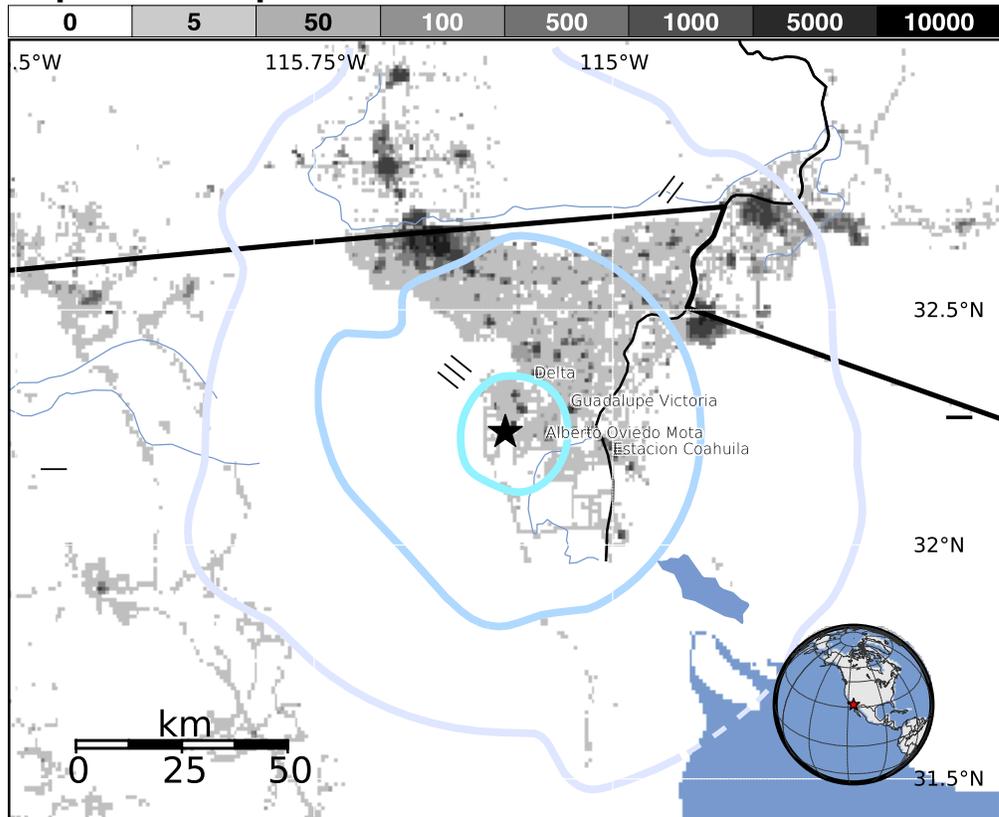


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)	85k*	1,295k	37k	10k	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
1977-11-21	396	6.0	VII(4)	0
1975-07-08	356	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
III	Delta	6k
III	Estacion Coahuila	8k
III	Puebla	9k
III	Hermosillo	6k
II	Mexicali	597k
II	Calexico	39k
II	El Centro	43k
II	Yuma	93k

bold cities appear on map

(k = x1000)