

M 6.6, GULF OF CALIFORNIA

Origin Time: Sat 2013-10-19 17:54:54 UTC (10:54:54 local)

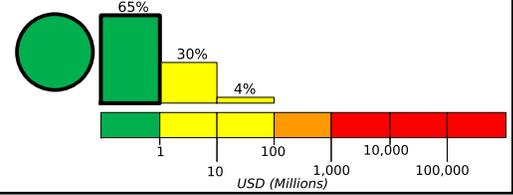
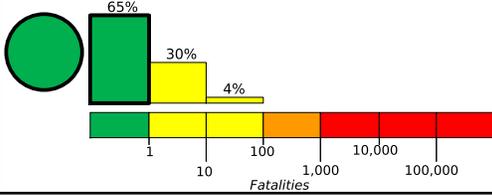
Location: 26.09°N 110.32°W Depth: 9 km

Created: 10 weeks, 2 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

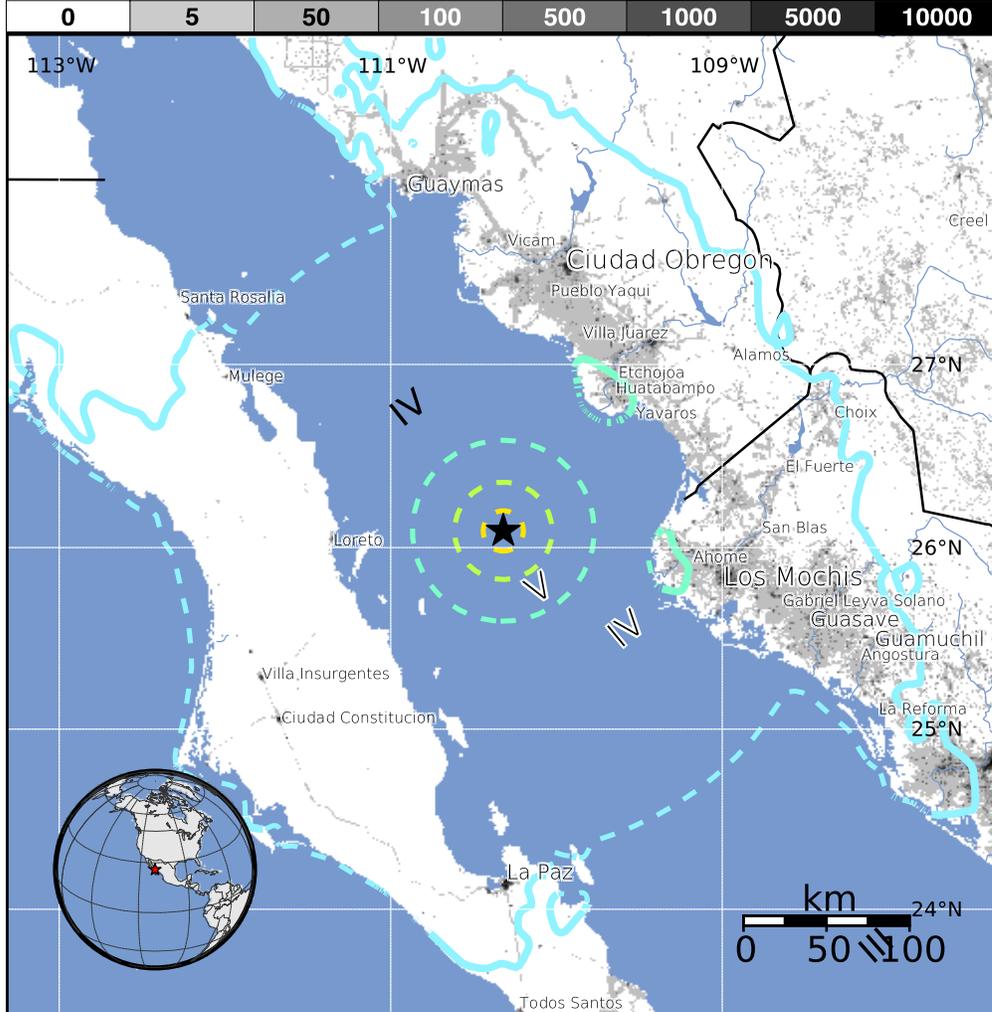


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)	- -*	1,225k*	2,462k	120k	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
1995-08-28	35	6.5	V(326k)	0
1973-10-03	265	5.5	VII(49)	0
1995-06-30	193	5.7	VII(50)	0

Selected City Exposure

from GeoNames.org

MMI	City	Population
V	Etchoropo	4k
V	Higuera de Zaragoza	9k
V	La Union	5k
V	Huatabampo	30k
V	Etchojoa	9k
IV	Ahome	11k
IV	Ciudad Obregon	258k
IV	Guaymas	103k
IV	La Paz	171k
III	Los Mochis	215k
III	Culiacan	582k

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: usb000khhc