

M 6.3, GULF OF CALIFORNIA

Origin Time: Tue 2012-09-25 23:45:24 UTC (16:45:24 local)

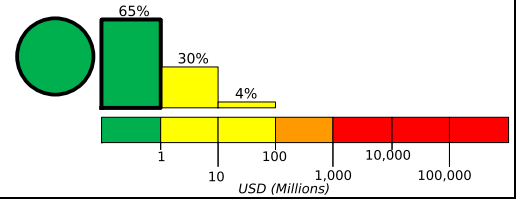
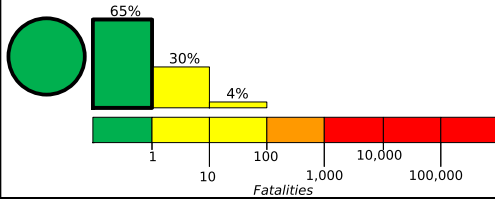
Location: 24.67°N 110.17°W Depth: 10 km

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

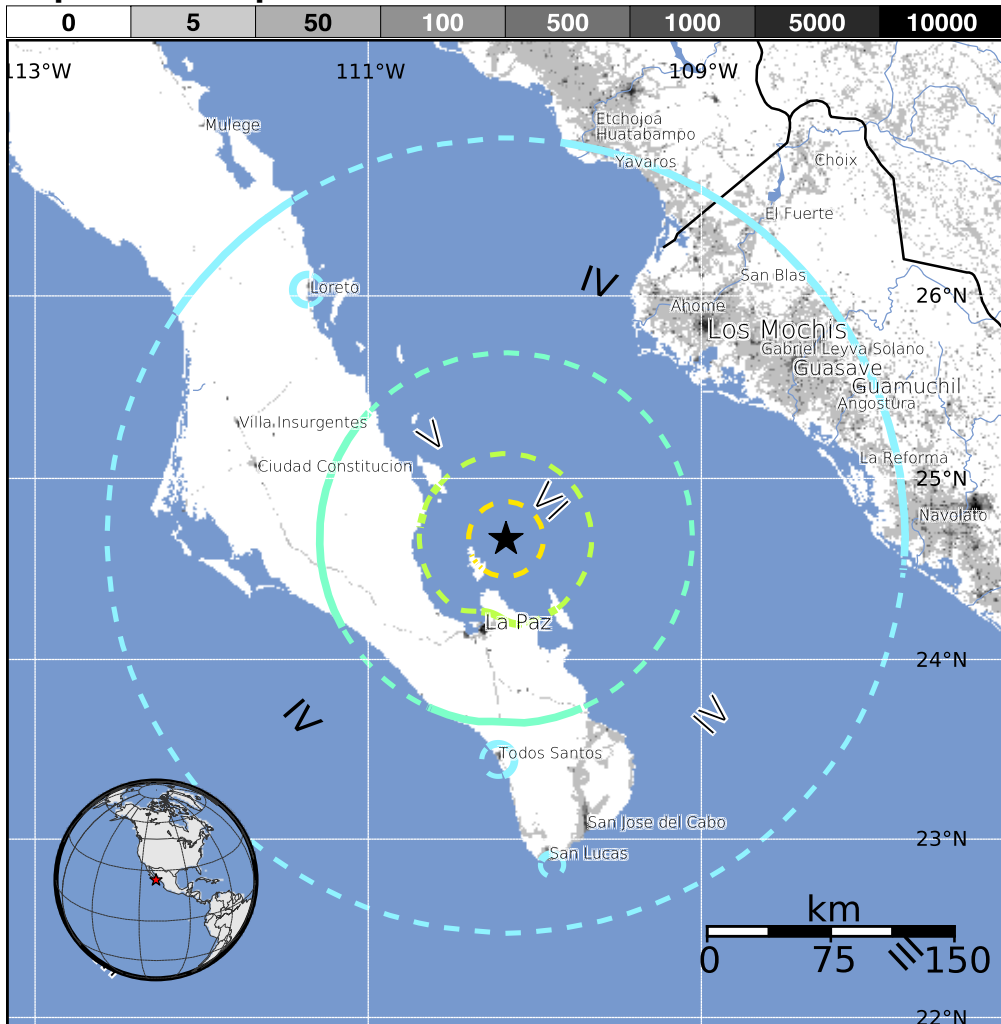


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)	--*	1,723k*	1,271k	217k	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	138	6.5	V(326k)	0
1973-10-03	375	5.5	VII(49)	0
1995-06-30	34	5.7	VII(50)	0

Selected City Exposure

from GeoNames.org

MMI	City	Population
V	La Paz	171k
IV	Topolobampo	8k
IV	Higuera de Zaragoza	9k
IV	Bagojo	4k
IV	Ahome	11k
IV	Los Mochis	215k
IV	Guasave	68k
IV	San Jose del Cabo	49k
IV	Guamuchil	59k
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: usc000cw01