

M 5.5, GULF OF CALIFORNIA

Origin Time: Mon 2016-03-28 00:12:54 UTC (00:12:54 local)

Location: 30.21°N 114.31°W Depth: 10 km

Created: 10 weeks, 3 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

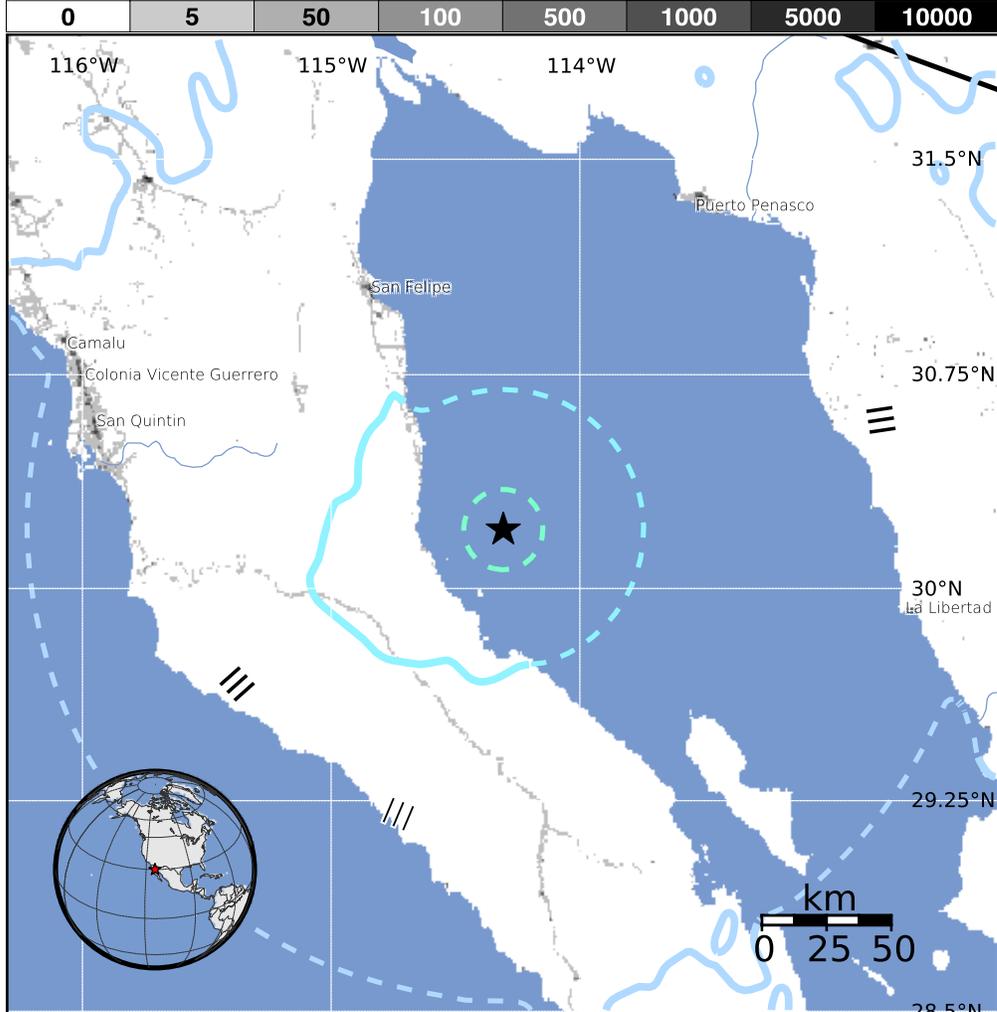


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	285k	7k	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
2006-01-04	310	6.6	VI(270)	0
1975-07-08	128	6.5	IX(20)	0
1980-06-09	232	6.3	IX(336)	1

Selected City Exposure

from GeoNames.org

MMI	City	Population
III	San Felipe	15k
III	Puerto Penasco	34k
III	San Quintin	5k
III	La Libertad	3k
III	Camalu	7k
III	Sonoyta	10k

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/earthquakes/eventpage/us20005ct5>

Event ID: us20005ct5