

M 5.6, OFFSHORE EL SALVADOR

Origin Time: Fri 2013-12-13 04:45:11 UTC (22:45:11 local)

Location: 13.13°N 89.09°W Depth: 67 km

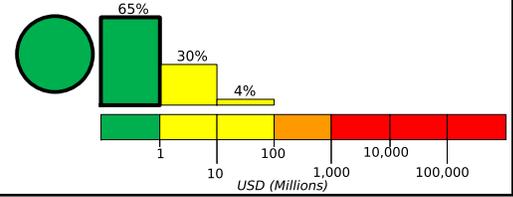
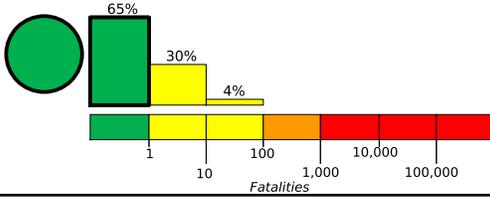
PAGER
Version 5

Created: 9 weeks, 6 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

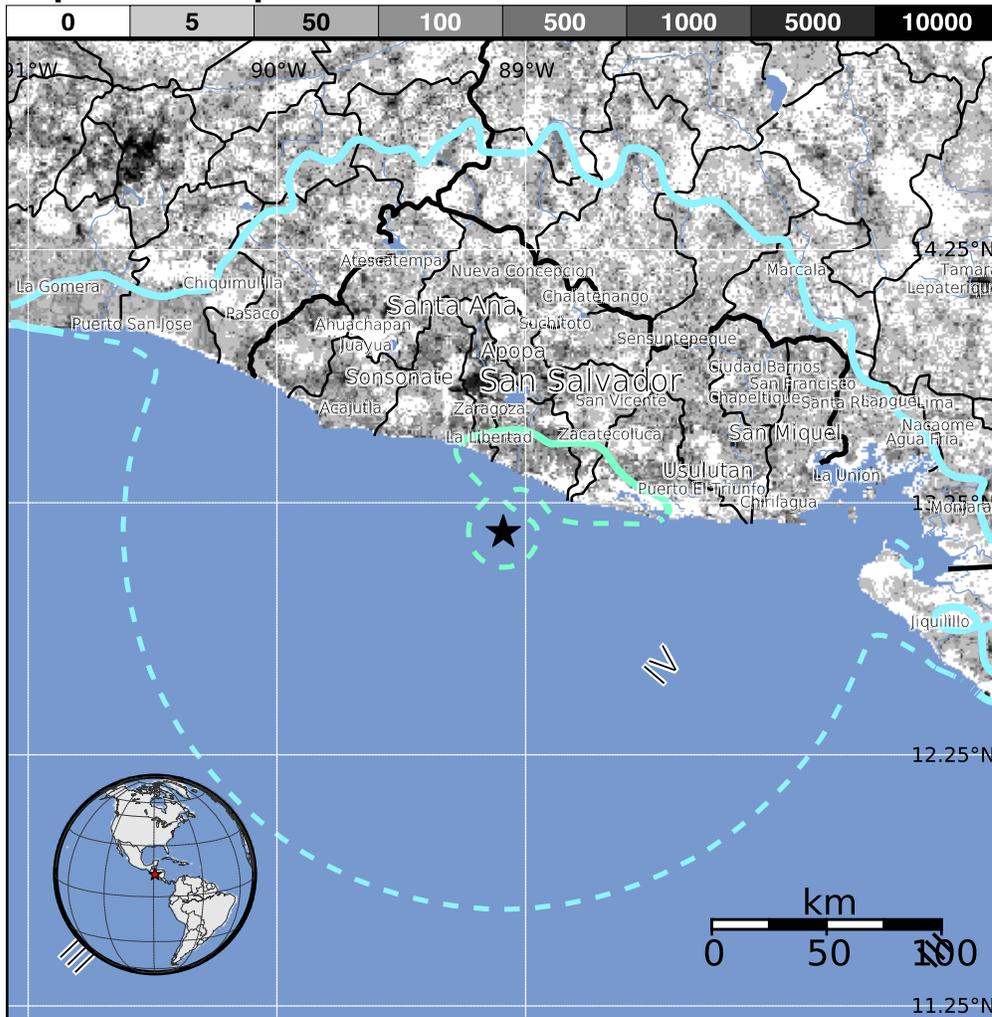


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		- -*	8,730k*	8,128k	581k	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 vulnerable to earthquake shaking, though some resistant structures exist.

Historical Earthquakes (with MMI levels):

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1991-06-21	68	5.8	VI(14k)	0
2001-02-17	73	4.1	VI(5)	1
1986-10-10	74	5.7	VIII(30k)	950

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

Selected City Exposure

from GeoNames.org

MMI	City	Population
V	Santo Tomas	15k
V	Santiago Nonualco	9k
V	Cojutepeque	48k
V	Tenancingo	1k
V	El Rosario	6k
V	Jiquilisco	9k
IV	San Salvador	526k
IV	Santa Tecla	125k
III	Chinandega	126k
III	Guatemala City	995k
III	Tegucigalpa	851k

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: usc000lv7