

# M 6.6, NICARAGUA

Origin Time: Fri 2014-04-11 20:29:12 UTC (14:29:12 local)

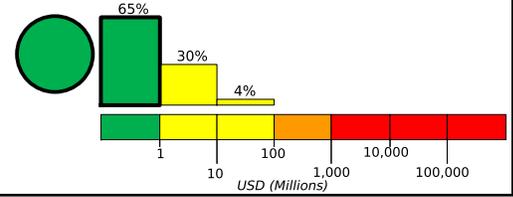
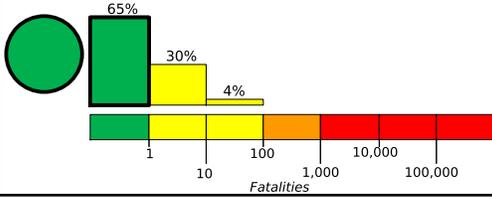
Location: 11.64°N 85.88°W Depth: 135 km

Created: 8 weeks, 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)	- -*	4,735k*	7,957k	3,020k	6k	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
	Vulnerable Structures	none	none	none	Light	Moderate	Moderate/Heavy	Heavy	V. Heavy

\*Estimated exposure only includes population within the map area.

## Population Exposure

population per ~1 sq. km from Landsat



### 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
1990-07-13	238	5.0	VI(173)	0
1996-03-03	88	6.7	VIII(46k)	0
2000-07-06	27	5.4	VII(173k)	7

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
V	San Jorge	7k
V	Rivas	30k
V	Potosi	5k
V	Buenos Aires	2k
V	Nandaime	21k
V	Tipitapa	127k
V	Masaya	130k
V	Managua	973k
IV	Leon	145k
III	San Jose	335k
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: usc000pgsi