

M 6.0, NORTHERN COLOMBIA

Origin Time: Wed 2016-09-14 01:58:31 UTC (20:58:31 local)

Location: 7.38°N 76.16°W Depth: 17 km

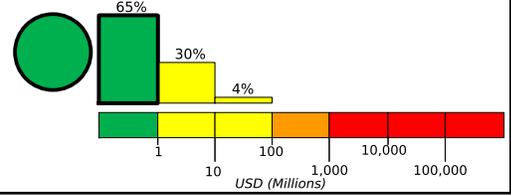
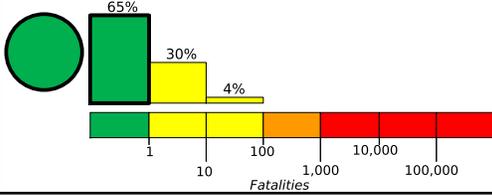
PAGER
Version 4

Created: 1 week, 1 day 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

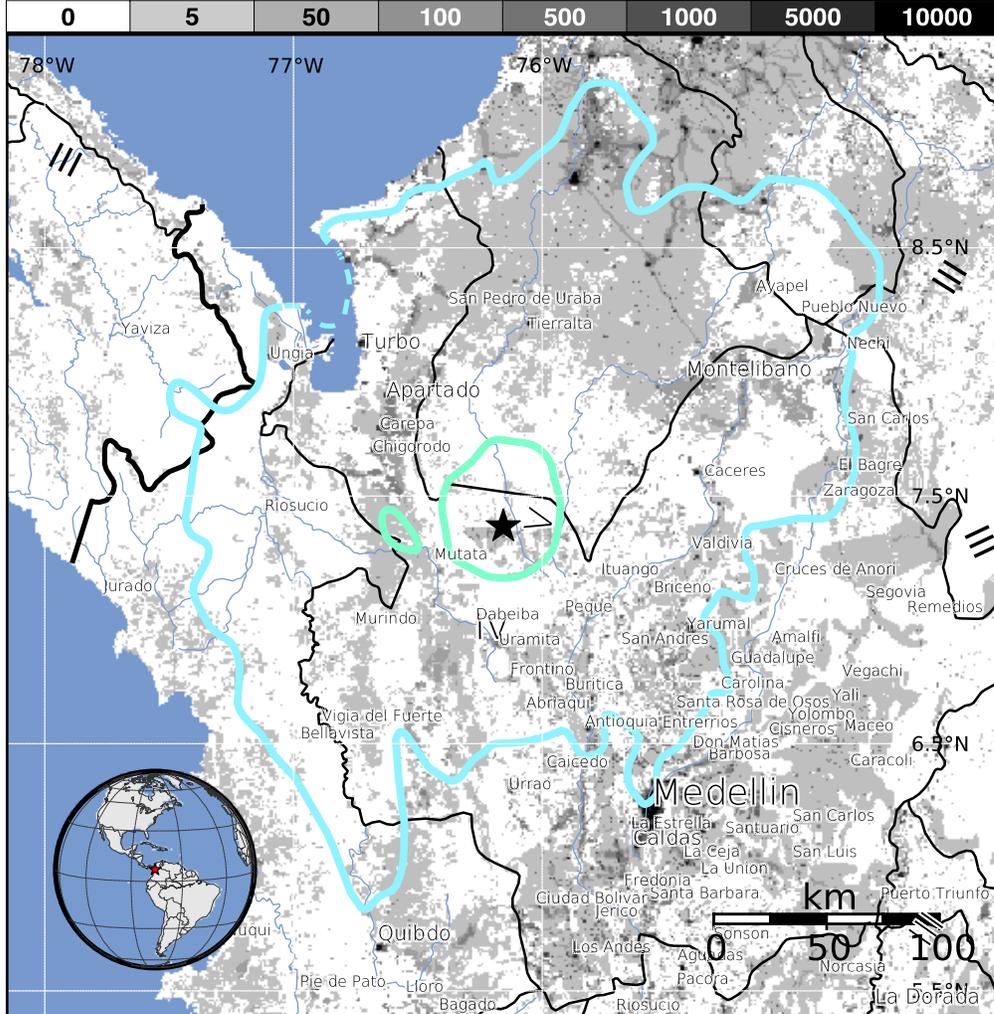


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)	- -*	4,305k*	5,512k	23k	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
	Vulnerable Structures	none	none	none	Light	Moderate	Moderate/Heavy	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
1999-01-30	314	4.2	VI(3k)	0
1973-04-24	349	6.6	VI(2k)	1
1999-01-25	323	6.1	VIII(27k)	1k

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	Mutata	5k
IV	Chigorodo	48k
IV	Murindo	2k
IV	Carepa	21k
IV	Apartado	86k
IV	Monitos	5k
IV	Monteria	272k
IV	Medellin	2,000k
III	Quibdo	75k
III	Sincelejo	261k
III	La Palma	2k

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/us10006pdp>

bold cities appear on map

(k = x1000)

Event ID: us10006pdp