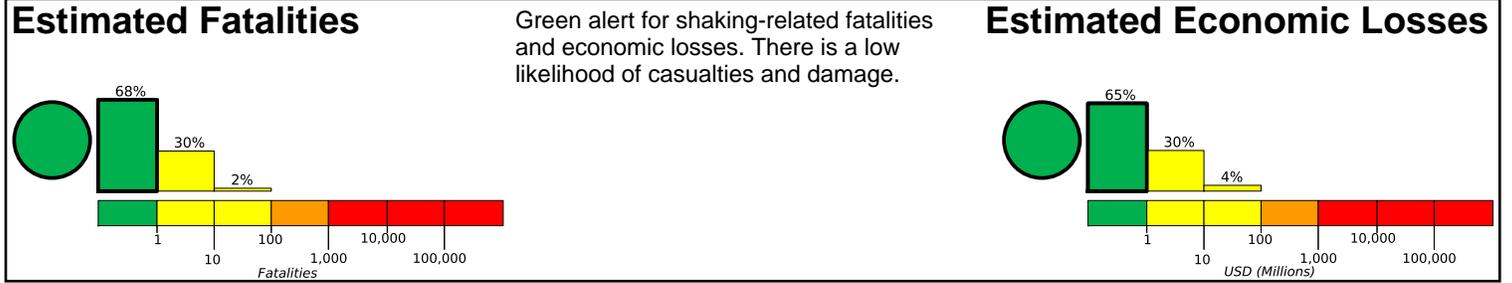


M 6.3, NEAR THE COAST OF ECUADOR

Origin Time: Mon 2016-07-11 02:11:04 UTC (21:11:04 local)

Location: 0.58°N 79.64°W Depth: 21 km

Created: 1 week, 3 days after earthquake

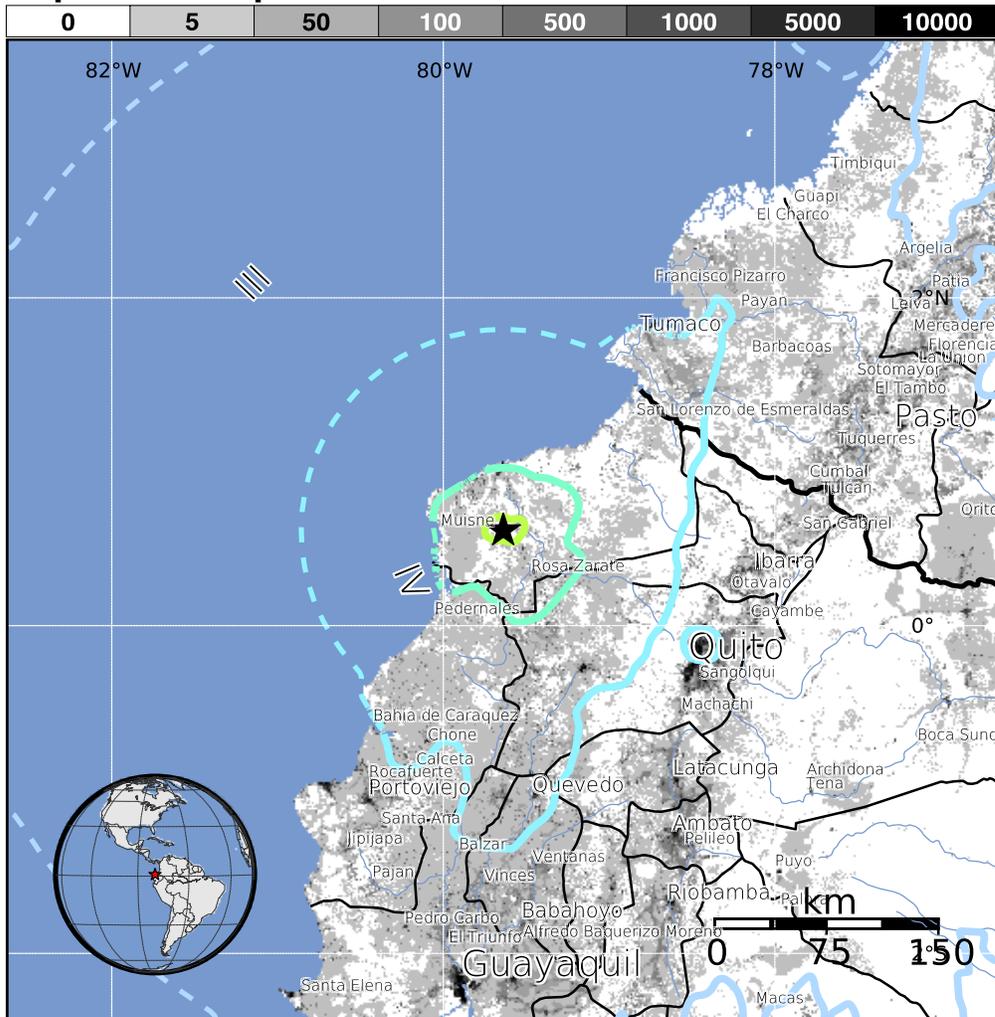


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)	--*	11,756k*	3,533k	340k	17k	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
2005-01-28	242	5.9	VI(594)	0
2000-09-20	294	5.5	VI(99k)	1
1987-03-06	215	7.1	IX(2k)	1k

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

Selected City Exposure

from GeoNames.org

MMI	City	Population
V	Rosa Zarate	42k
V	Muisne	13k
IV	Pedernales	6k
IV	Valdez	11k
III	Quito	1,400k
III	Guayaquil	1,952k
III	Portoviejo	170k
III	Riobamba	124k
III	Pasto	382k

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/us100062hg>

Event ID: us100062hg