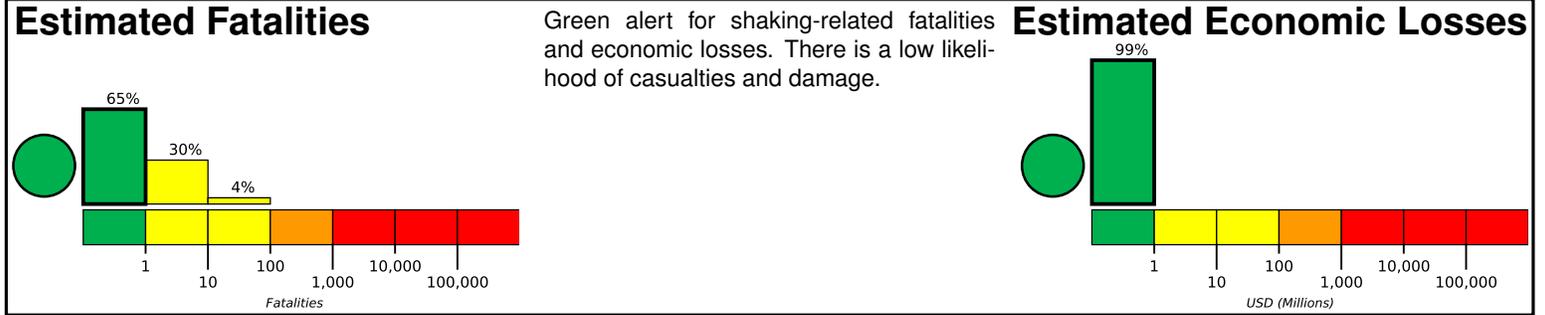


# M 6.0, 31km NNW of Bahia de Caraquez, Ecuador

Origin Time: 2017-06-30 22:29:44 UTC (Fri 17:29:44 local)  
Location: 0.3328° S 80.5066° W Depth: 7.4 km

Created: 22 minutes, 50 seconds after earthquake

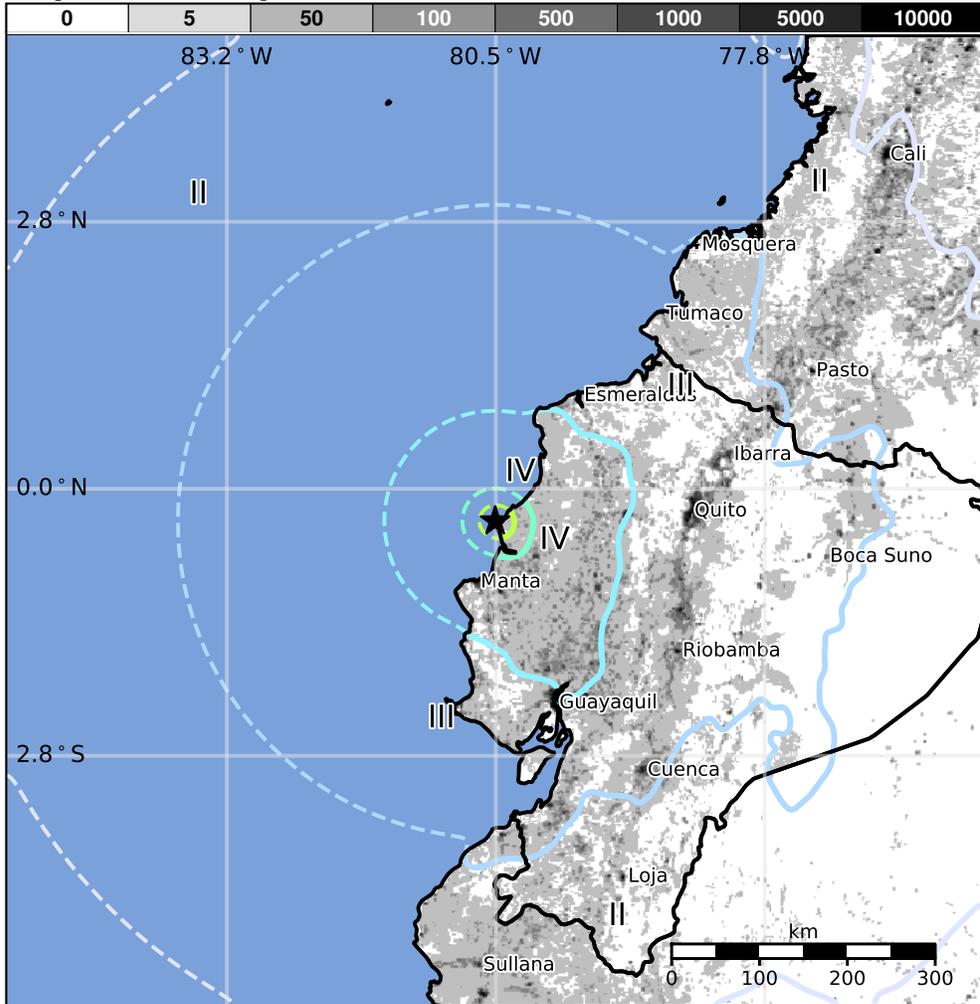


## Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)	1,442k*	22,348k	3,876k	82k	12k	1k	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	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./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 highly vulnerable to earthquake shaking, though some resistant structures exist. The predominant vulnerable building types are ductile reinforced concrete frame and mud wall construction.

## Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1990-08-11	225	5.3	VII(390k)	4
1976-04-09	166	6.6	VII(131k)	8
1987-03-06	306	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	Bahia de Caraquez	37k
V	San Vicente	<1k
IV	Tosagua	15k
IV	Chone	45k
IV	Rocafuerte	10k
IV	Calceta	17k
IV	Guayaquil	1,952k
III	Quito	1,400k
II	Pasto	382k
II	Piura	325k
II	Cali	2,393k

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.

bold cities appear on map.

(k = x1000)