Earthquake Shaking **Green Alert**

M 6.0, ANTIGUA AND BARBUDA REG, LEEWARD ISLANDS

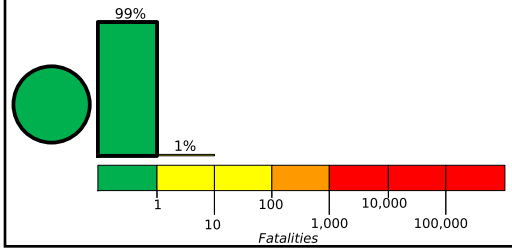
Origin Time: Sat 2016-03-19 11:26:33 UTC (11:26:33 local)

Location: 18.00°N 60.70°W Depth: 26 km

PAGER Version 8

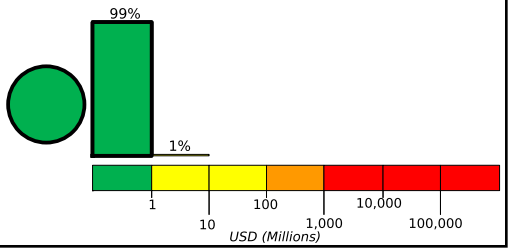
Created: 10 weeks, 5 days after earthquake

Estimated Fatalities



Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.

Estimated Economic Losses



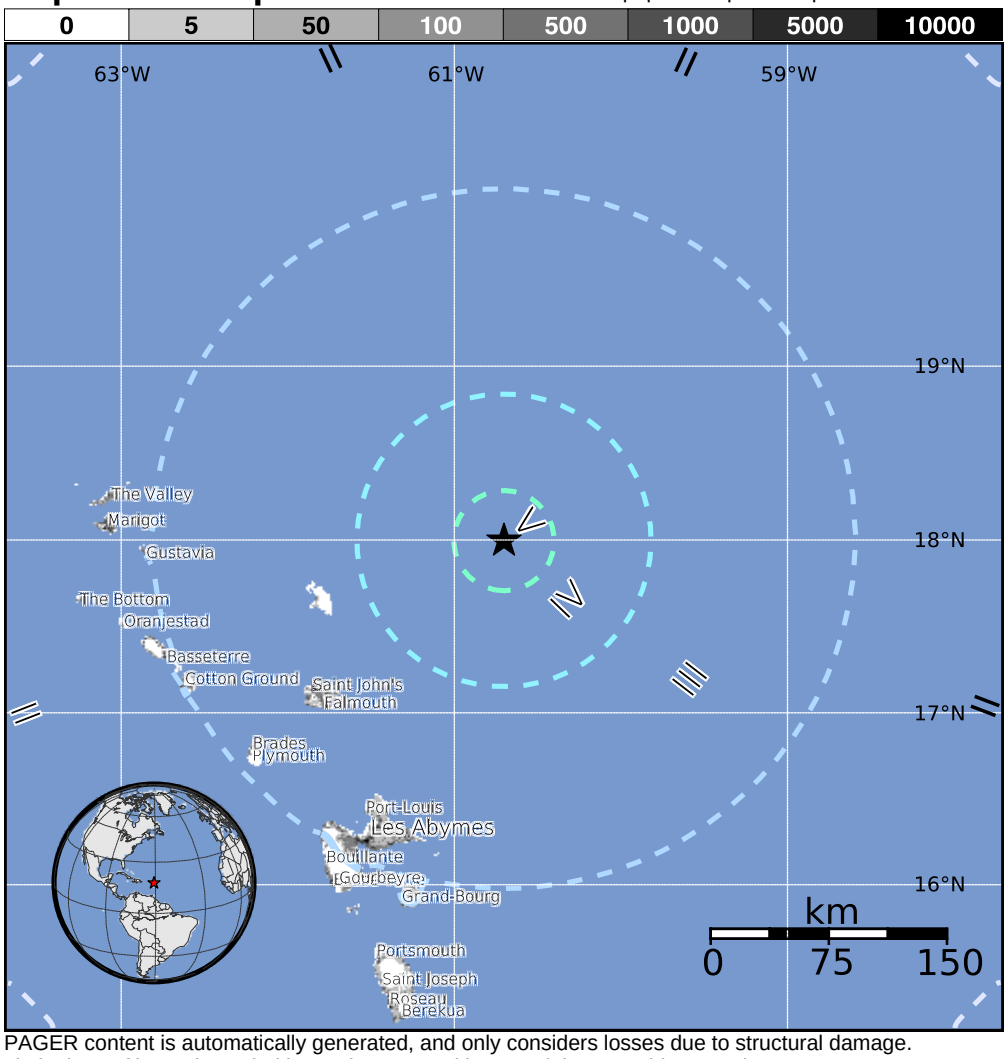
Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		- -*	744k	0	0	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

population per ~1 sq. km from Landscan



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
1985-03-16	238	5.6	V(41k)	0
1985-03-16	214	6.4	VII(6k)	0
1974-10-08	151	7.5	VIII(40k)	0

Selected City Exposure

from GeoNames.org

MMI	City	Population
III	Piggotts	< 1k
III	**Saint John's**	**24k**
III	All Saints	3k
III	Parham	< 1k
III	Potters Village	1k
III	Liberta	2k
III	**Basseterre**	**13k**
III	**Gustavia**	**6k**
II	**Marigot**	**6k**
II	**Basse-Terre**	**11k**
II	**Roseau**	**17k**

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/us20005azy

Event ID: us20005azy