

M 6.5, BARBADOS REGION, WINDWARD ISLANDS

Origin Time: Thu 2015-07-16 15:16:33 UTC (11:16:33 local)

Location: 13.87°N 58.55°W Depth: 20 km

Created: 11 weeks, 5 days after earthquake

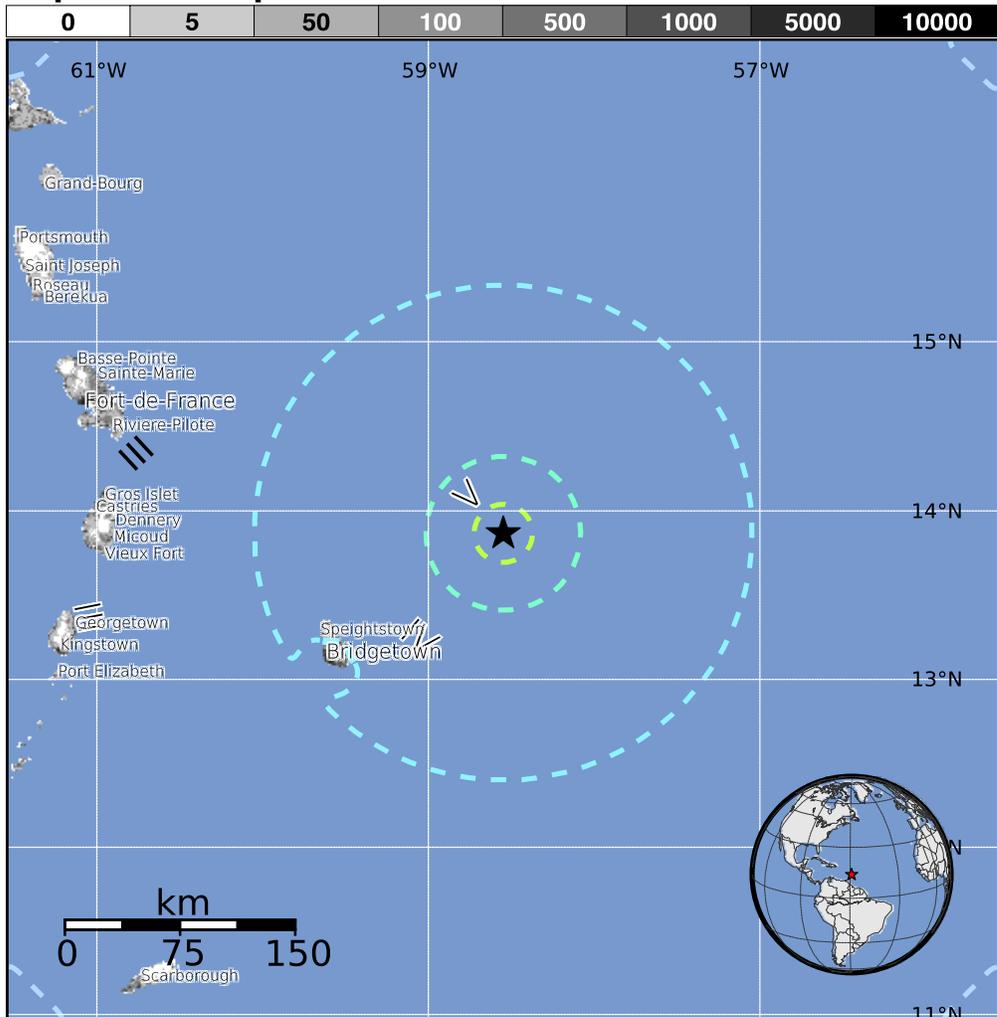


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	1,295k	40k	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



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
1982-01-20	200	5.2	IV(557k)	0
1997-04-22	399	6.6	VII(14k)	0
2004-11-21	388	6.3	VII(3k)	1

Selected City Exposure

from GeoNames.org

MMI City	Population
III Speightstown	4k
III Welchman Hall	< 1k
III Bridgetown	99k
III Holetown	1k
III Bathsheba	2k
III Oistins	2k
III Castries	10k
III Fort-de-France	90k
III Kingstown	25k
III Roseau	17k
III Scarborough	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/pager>

Event ID: us20002xx1