

Antigua & Barbuda Earthquake May 2014

Event Briefing

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1 INTRODUCTION

A magnitude 6.0 earthquake occurred at 11:01:42 UTC (06:01:42 local time) on 16 May 2014 east of Antigua & Barbuda in the northern Leeward Islands. The epicentre was located 113 km (70 miles) NE of Grand Anse, Guadeloupe, 131 km (81 miles) NE of LeMoule, Guadeloupe, 131 km (81 miles) NE of Saint-Francois, Guadeloupe, 142 km (88 miles) NE of Saint-Anne, Guadeloupe and 155 km (96 miles) E of Saint John's, Antigua & Barbuda at a depth of 24 km (15 miles).

Reports from Antigua & Barbuda and Dominica indicate that the shaking intensities ranged from II to IV on the Modified Mercalli Index.

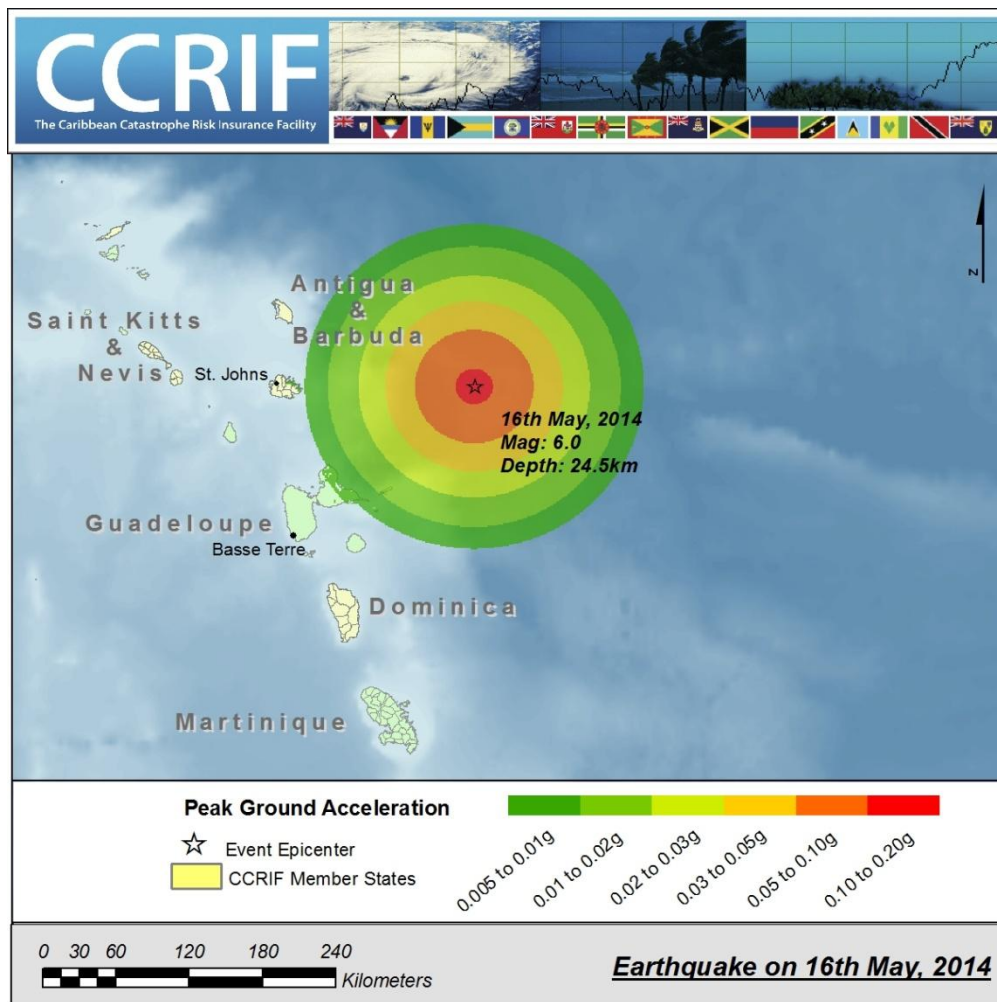


Figure 1 Map showing the peak ground acceleration following the magnitude 6.0 earthquake on 16 May 2014. *Source: USGS & CCRIF KAC/MPRES*

2 CCRIF MODEL OUTPUTS

Under CCRIF's loss calculation protocol, a CCRIF Multi-Peril Risk Estimation System (MPRES) report is required for any earthquake with a magnitude of 5.0 or greater affecting at least one of the 16 member countries.

3 IMPACTS

Based on the MPRES footprint, the CCRIF member countries affected by the earthquake on 16 May 2014 were Antigua & Barbuda and Dominica. No significant damage was reported from these countries.

These reports are corroborated by preliminary runs of the CCRIF loss model that generated small government losses in the affected countries, which in both cases were below the country's trigger level and therefore no payout is due.