



Antigua and Barbuda

Earthquake

19 March 2016

Event Briefing

22 March 2016

1 INTRODUCTION

A magnitude 6.0 Earthquake occurred at 11:26:34 UTC (07:26:34 local time) on 19 March 2016, 124 km (77 mi) ENE of Codrington, Barbuda, 155 km (96 mi) NE of Saint John's, Antigua and Barbuda, 195 km (121 mi) NNE of Le Moule, Guadeloupe and 201 km (125 mi) NNE of Saint-Francois, Guadeloupe. Initial estimates from the United States Geological Survey (USGS) located the epicentre of the event at 17.991° N, 60.700° W and at a depth of 32 km (19.9 mi).

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 greater than or equal to 5.0 reaching at least one member country. Based on the MPRES footprint, small ground shaking occurred in CCRIF member country Antigua and Barbuda due to the earthquake on 19 March 2016 (Figure 1).

3 IMPACTS

According to Antigua and Barbuda's National Office of Disaster Services, no damage or injuries were reported in the country.

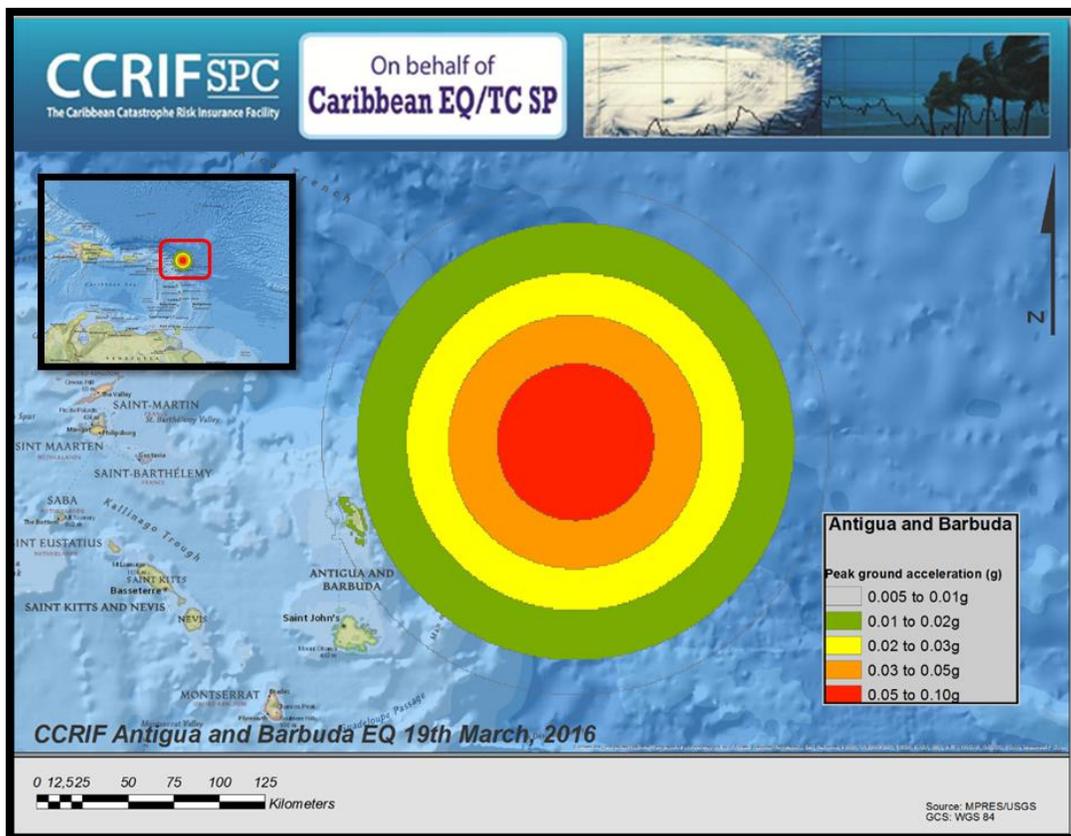


Figure 1 Map showing peak ground acceleration following the magnitude 6.0 earthquake on 19 March 2016.

Source: USGS & CCRIF KAC/MPRES

These reports are corroborated by preliminary runs of the CCRIF loss model that generated no government losses in Antigua and Barbuda therefore no payout is due.

For further information, please contact ERN-RED, the CCRIF SPC Risk Management Specialist.

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