

Trinidad and Tobago Earthquake October 2013

Event Briefing

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1 INTRODUCTION

A magnitude 6.1 earthquake occurred 86 km (53 miles) west northwest of Port-of-Spain, Trinidad & Tobago at 10:10 pm on 11 October (02:10 UTC on 12 October) 2013. Initial estimates from the US Geological Survey locate the epicentre at 10.877°N, 62.278°W at a depth of 79 km.

Reports from Trinidad & Tobago and Grenada indicate the shaking intensities ranged from II to IV on the Modified Mercalli Index.

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.

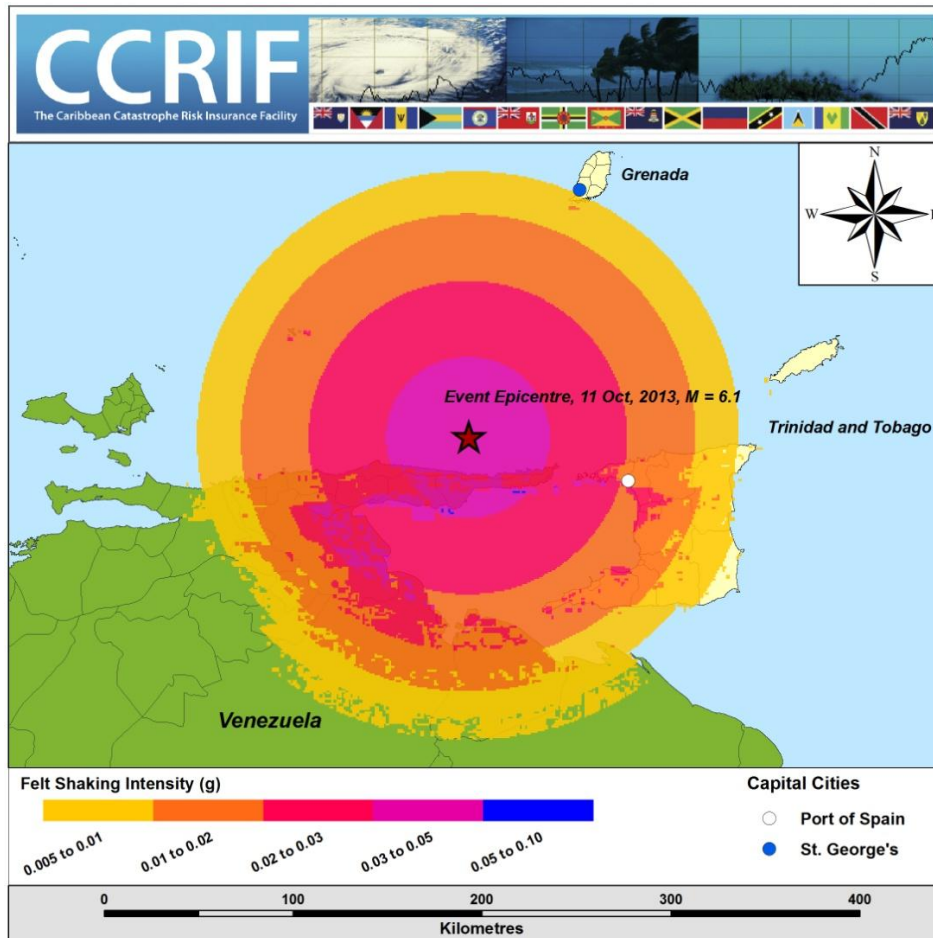


Figure 1 Map showing the distribution of felt shaking intensities following the Magnitude 6.1 earthquake on 11 October, 2013. *Source: USGS & CCRIF/KAC MPRES.*

3 IMPACTS

Based on the MPRES footprint, the CCRIF member countries affected by the earthquake on 11 October 2013 were Trinidad & Tobago and Grenada. 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.