

Nicaragua

Earthquake

9 June 2016

Event Briefing

11 June 2016

1 INTRODUCTION

A magnitude 5.1 Earthquake occurred at 03:28:06 UTC on 10 June 2016, (21:28:06 on 9 June local time), at 24 km (14.9 mi) S of Somotillo, Nicaragua, 30 km (18.6 mi) NNE of Chichigalpa, Nicaragua, 32 km (19.9 mi) NE of Chinandega, Nicaragua, 33 km (20.5 mi) ENE of El Viejo, Nicaragua and 104 km (64.6 mi) NW of Managua, Nicaragua's capital city. Initial estimates from the United States Geological Survey (USGS) located the epicentre of the event at 12.826° N, 86.903°W, and at a depth of 10.0 km (6.2 mi).

2 CCRIF MODEL OUTPUTS

Under CCRIF's loss calculation protocol, a CCRIF Multi-Peril Risk Estimation System (MPRES) report for a Loss Event is required for any earthquake which produces a modelled loss greater than zero in any CCRIF country member; this was the case for this earthquake in Nicaragua. Based on the MPRES footprint, peak ground acceleration of up to 0.1g was felt in the Northwest region of the Nicaragua territory close to the Pacific Ocean coast line (Figure 1). This tremor is considered to be an aftershock of the magnitude 6.1 earthquake that occurred at the same location three minutes earlier.

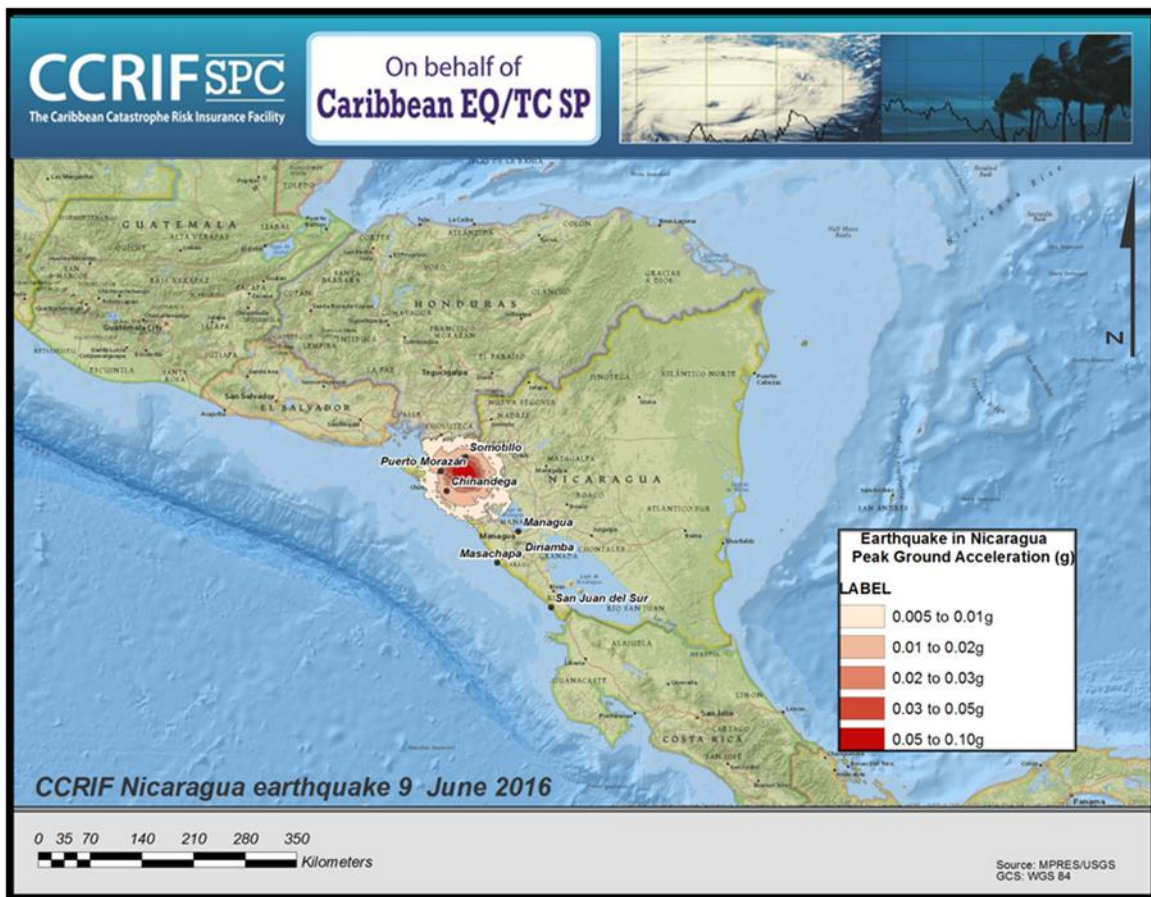


Figure 1: Map showing the peak ground acceleration in Nicaragua following the magnitude 5.1

earthquake on 9 June 2016. *Source: USGS & CCRIF KAC/MPRES.*

3 IMPACTS

According to Nicaragua's national disaster organization, Sistema Nacional para la Prevención, Mitigación y Atención de Desastres (SINAPRED), many aftershocks have occurred, causing panic and fear in the population. There are no reports of deaths.

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

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