

7.7 MAGNITUDE EARTHQUAKE JOLTED NORTHERN CARIBBEAN SITUATION REPORT No. 1 *AS OF 6:00PM ON JANUARY 28, 2020*

The USGS reported a Magnitude 7.7 Earthquake which jolted countries in the Northern Caribbean.

MAGNITUDE: 7.7

**LOCATION: Latitude 19.44N
Longitude -78.75W**

DEPTH: 10km

DATE : January 28, 2020

TIME: 15:10 (AST)

NEARBY CITIES:

NNW of Lucea, Hanover, Jamaica



Source: USGS – earthquake.usgs.gov - January 28, 2020

Situation Overview:

According to the USGS, a 7.7 magnitude earthquake occurred at approximately 15:10 (AST) on January 28, 2020. The earthquake which occurred at a depth of 10km was located north-north-west of Hanover, Jamaica and south of Cuba resulted from a strike-slip fault on the plate boundary between the North America and Caribbean tectonic plates.

Caribbean Disaster Emergency Management Agency (CDEMA) Actions

- As a result of the earthquake, tsunami threats were issued for the following countries; Belize, Cayman Islands, Cuba, Honduras and Jamaica. However, these threats were discontinued. Tsunami alerts (watches and warnings) are issued nationally through the National Tsunami Warning Centres (NTWCs) within each CDEMA Participating State, further to the interpretation of the information products from the Pacific Tsunami Warning Centre – the regional Tsunami Service Provider.
- CDEMA advises its PSs to continue to monitor the situation and to be guided by the alerts received from their respective NTWCs and by the established protocols outlined in their respective tsunami and coastal hazard plans.
- CDEMA and the Regional Response Mechanism Partners will continue to monitor the situation and will provide updates if the situation warrants.

Reports from CDEMA Participating States



JAMAICA

- The Office of Disaster Preparedness and Emergency Management (ODPEM), Jamaica, reported that the Earthquake was felt across the island. No reports of damage recorded.
- ODPEM continues to monitor the situation and will provide updates as necessary.



HAITI

- The Directorate of Civil Protection, Ministry of the Interior and Territorial Communities, Haiti, reported that the Earthquake was felt in some parts of the south. No reports of damage indicated.

Tsunami Safety Tips [visit www.cdema.org or www.ctic.ioc-unesco.org for more information]





TSUNAMI SAFETY RULES

- 1

ALWAYS BE PREPARED, A TSUNAMI MAY OCCUR ANYTIME

 - Prepare a family emergency plan
 - Prepare a safety backpack including medicine and first aid items
 - Identify danger zones, assembly locations, designated evacuation routes or the quickest way to reach higher ground safely with the help of your local disaster management officials



- 2

IN CASE OF AN EARTHQUAKE PROTECT YOURSELF

 - Drop
 - Cover
 - Hold on



DROP



COVER



HOLD
- 3


RUN TO HIGH GROUND IF ANY OF THESE WARNING SIGNS OCCUR AT THE COAST

 - FEEL a very strong or long earthquake (it is difficult to walk, there are falling objects, damage to structures, earthquake lasts for about 1 minute or more)
 - SEE a sudden rise or fall (exposing the ocean floor, reefs and fish) of the sea level
 - HEAR a strange or loud noise (can be a roar) coming from the sea, or receive official tsunami warning messages by siren, radio, television, commercial radio or emergency alert radios


- 4

MOVE AWAY FROM HAZARDOUS AREAS (IN PREFERENCE ORDER DEPENDING ON YOUR LOCATION OR SITUATION)

 - Run away from the coast to an assembly point or higher ground
 - Go to the third floor of a building or higher
 - Climb a tree
 - If time permits, vessels should navigate offshore to waters 100-400 meters deep


- 5

STAY IN THE SAFE AREA UNTIL LOCAL AUTHORITIES INDICATE THAT THE DANGER HAS PASSED, THIS MAY TAKE MANY HOURS









www.bb.undp.org |
 www.ctic.ioc-unesco.org |
 www.weready.org |
 www.tsunami.gov |
 www.cimh.edu.bb

Contributing Sources: US NWS Caribbean Tsunami Warning Program, the Puerto Rico Seismic Network, MCDEM New Zealand and the International Tsunami Information Center