

Tsunami Threat

SITUATION REPORT No. 1 (FINAL)

AS AT 10.00 PM (AST) ON FEBRUARY 08, 2025

All-Clear Issued for CDEMA Participating States Under Tsunami Threat.

**EARTHQUAKE
MAGNITUDE: 7.6**

**LOCATION: 17.8 N,
82.5 W, North of
Honduras**

**DEPTH: 33Km/ 21
Miles**

**TIME: 2323 UTC (7:23
PM AST)**



Source: United States Geological Survey (USGS)]

Update from the Pacific Tsunami Warning Centre (PTWC)

According to the Pacific Tsunami Warning Centre (PTWC), an earthquake with a magnitude of 7.6 occurred north of Honduras at (7:23 PM AST) on Saturday, February 08th, 2025. Initial data indicated that based on preliminary earthquake parameters, hazardous Tsunami waves were possible for coasts located within one thousand (1,000) kilometers of the earthquake's epicenter. A possible tsunami threat was initially forecast for twenty (20) countries including seven (7) CDEMA Participating States: The Bahamas, Belize, Cayman Islands, Haiti, Jamaica, the Turks and Caicos Islands and the Virgin Islands and within 12 minutes revised to thirteen (13) countries including five (5) CDEMA Participating States: The Bahamas, Belize, Cayman Islands, Haiti and Jamaica. The PTWC later indicated that with respect to CDEMA Participating States, Tsunami waves of 0.3 to 1 meters were possible for the Cayman Islands.

Authorities in the threatened states were advised to take appropriate action to inform and instruct populations at risk in accordance with their national evaluation procedures and threat assessment protocols. While the estimated arrival times of the initial tsunami waves varied across the region, the PTWC forecast that the first wave could have arrived within five minutes to one hour. However, following further evaluation and analysis of all available data, the PTWC issued an update at 0200 UTC (10:00 PM AST), advising that there was no longer a hazardous tsunami threat from this event.

Updates from the Threatened CDEMA Participating States

Bahamas:

- The Disaster Risk Management (DRM) Authority of The Bahamas conducted consultations with the Bahamas Department of Meteorology, which was actively monitoring the situation.
- In response, the Department of Meteorology issued a Special Statement advising residents of the Bahamas of the potential for elevated sea levels.
- Further to discussions with the Department of Meteorology and other national authorities, the DRM Authority continued to provide updates to the public..

Belize:

- The National Emergency Management Organization (NEMO) facilitated the activation of the national alerting protocols and issued advisories for the coastal areas.
- After no Tsunami wave was observed and the threat had passed, NEMO issued an All-Clear.
- Residents were asked to remain vigilant and keep their emergency plans updated.
- The public was advised to continue to monitor all advisories issued by NEMO.

Cayman Islands:

- The Hazard Management Cayman Islands (HMCI) activated its national alerting protocols.
- Advisories were issued to the public.
- Following an assessment, an All-Clear was issued at 9:15 PM (Cayman Time) on February 8th, 2025.

Haiti:

- The Government of Haiti was informed of the possible risk of a tsunami.
- The Department of Civil Protection activated the national alerting protocols in response to the threat.
- The Grand Anse region of Haiti was placed on alert for risk of a Tsunami at 6.49 PM
- Following further assessment, the alert was cancelled at 9.10 PM.
- The all- clear was issued at 9.30 PM.

Jamaica

- The Office of Disaster Preparedness and Emergency Management (ODPEM) was contacted and subsequently initiated its alerting protocols in response to the situation.

CDEMA ACTIONS:

Further to the issue of the Tsunami Threat to the Northwestern CDEMA Participating States

- The Executive Director authorized the activation of the Regional Coordination Plan (RCP) at 8:00 PM on Saturday February 8th, 2025.
- The threatened Participating States were contacted by the CDEMA Coordinating Unit to discuss their preparations and to ascertain any needs from the Regional Response Mechanism (RRM).
- The CDEMA Chair and Secretary General of CARICOM were briefed and updated as the event progressed.
- CDEMA remained in contact with the threatened states and monitored the situation until the all-clear/ end-of-threat message from the PTWC was issued at 10:00 PM AST.
- The RCP was deactivated at 10:00 PM.

RECOMMENDED ACTIONS:

- Persons located near threatened coastal areas should stay alert for information and follow instructions from local authorities.
- Persons are asked to remain observant and exercise caution near the sea.