

Hurricane Dorian

INFORMATION NOTE No. 3

AS OF 5:00 PM (AST) ON AUGUST 28, 2019

Synopsis of Hurricane Dorian

LOCATION: 45 MILES (70 KM) NORTH WEST OF ST. THOMAS

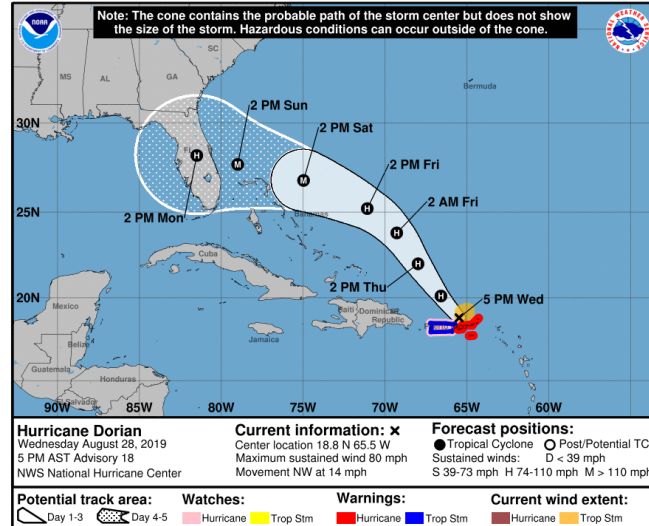
PRESENT MOVEMENT: NORTH WEST AT 14 MPH (22 KM/H)

MAXIMUM SUSTAINED WINDS: 80 MPH (130 KM/H)

MINIMUM CENTRAL PRESSURE: 997 MB (29.44 IN)

WATCHES AND WARNINGS FOR CDEMA PARTICIPATING STATES:

➤ **HURRICANE WARNING**
British Virgin Islands



Tropical Storm Dorian forecast track – 5:00 PM (AST) August 28, 2019

National Hurricane Center (NHC) Update

According to the National Hurricane Center (NHC) in Miami, Florida, as of 5:00 PM (AST) on August 28, 2019, the centre of Hurricane Dorian was located near latitude 18.8 North, longitude 65.5 West. Dorian is moving toward the northwest near 14 mph (22 km/h). On this track, Dorian should continue to move away from the British Virgin Islands during the next several hours and then move over the open Atlantic well east of the southeastern Bahamas on Thursday and Friday. The estimated minimum central pressure is 997 mb (29.44 inches).

Maximum sustained winds have increased to near 80 mph (130 km/h) with higher gusts. Dorian is forecast to become a powerful hurricane during the next few days over the Atlantic waters.

Hurricane-force winds extend outward up to 15 miles (30 km) from the centre. Tropical-storm-force winds extend outward up to 80 miles (130 km).

Caribbean Institute For Meteorology And Hydrology (CIMH) Analysis (as of 2:00 PM)

Disclaimer: The CIMH provides special weather interpretation of the current and forecasted tropical weather affecting the Caribbean Region and is NOT an official forecasting agency.

- **WEATHER:** Gradual deterioration in weather conditions is expected as Dorian becomes a Category 1 hurricane near St. Thomas in the U.S. Virgin Islands.
- **RAINFALL:** Dorian is expected to produce total rainfall accumulations of 1 to 3 inches in the Northern Leeward Islands, 4 to 6 inches in the British Virgin Islands and northwest Bahamas (isolated 10 inches) and 2 to 4 inches in central Bahamas.
- **WINDS:** Hurricane conditions are expected over the British Virgin Islands today. Wind speeds atop and on the windward sides of hills and mountains are often up to 30% stronger than the near-surface winds indicated in this advisory, and could be even greater in some elevated locations.
- **WAVES:** Sea swells of 2 to 2.5 metres are expected across the British Virgin Islands. These swells could cause life-threatening surf and rip current conditions. A marine advisory remains in effect for boat operations, small craft operators and port operations in the warning areas.
- **SUMMARY:** Hurricane Dorian could be a significant rainfall event with high potential for flooding which may cause life-threatening flash floods and landslides. Hurricane Dorian will continue towards the Bahamas and Turks and Caicos Islands as it moves north into the Atlantic .

Caribbean Disaster Emergency Management Agency (CDEMA) Actions

- The Regional Coordination Plan (RCP) has been activated as of August 24, 2019.
- The Regional Response Teams remain on ALERT: (CARICOM Disaster Assessment and Coordination (CDAC), CARICOM Operational Support Team (COST), Rapid Needs Assessment Team (RNAT), the Multi-National Civil Military Coordination Cell (MNCCC) and the CARICOM Disaster Relief Unit (CDRU). CDAC and RNAT are confirmed for deployment.
- CDEMA has maintained communication with its Participating States; primarily British Virgin Islands, Bahamas, and the Turks and Caicos Islands; to discuss pre-impact scenario plans and to ascertain preliminary needs at this time. Emergency communication equipment is being tested with the British Virgin Islands.
- CDEMA continues to update the Operational Plan in collaboration with RRM Partners as information becomes available.
- CDEMA and the UN Resident Coordinator Co-Chaired the fourth meeting of the Regional Response Mechanism Partners - Caribbean Development Partners Group - Disaster Management (CDPG DM), at 11:00 AM today, August 28, 2019. The Caribbean Institute for Meteorology and Hydrology (CIMH) provided a brief to this meeting.
- CDEMA has verified regional warehousing stocks in the sub-regional warehouses and is exploring logistical arrangements for distribution to impacted states, if necessary.
- CDEMA CU urges all Participating States and members of the Regional Response Mechanism (RRM) to continue to monitor the progress of this system.
- CDEMA CU will continue to monitor Hurricane Dorian and provide updates as necessary.

Summary of National Actions Undertaken by CDEMA PS



BRITISH VIRGIN ISLANDS

Department of Disaster Management (DDM)

- At 11:00AM August 28, 2019, the Antigua and Barbuda Meteorological Services has placed the British Virgin Islands under Hurricane Warning.
- DDM has opened 6 shelters consisting of churches and community centres with one person seeking shelter.
- It is anticipated that 40 to 50 percent of the population of Tortola could be impacted (up to 11,746 persons).
- Flooding and storm surge are the hazards of concern.
- A curfew has been imposed for the territory from 2:00PM Wednesday August 28, 2019 to 6:00 AM Thursday August 29, 2019.
- All airports and seaports are closed.



TURKS AND CAICOS ISLAND

Department of Disaster Management and Emergencies (DDME)

- The Bahamas Meteorology Department has discontinued the Tropical Storm Alert for the Turks and Caicos Islands as of 6:30 AM on Wednesday August 28, 2019.
- DDME is closely monitoring Hurricane Dorian through the Bahamas Meteorological Service.

List of preparatory actions being undertaken by the RRM Partners as of 2:00PM AST on August 28th, 2018.

PAHO

- Instructed the country teams to support national preparatory actions and will provide updates.
- Pledged health sector infrastructure and public health support.

UNICEF

- Has pre-positioned supplies in the region: 50 school-in-a-box kits; 17 ECD kits, 250 hygiene kits, 10 tents per country.
- Staff and consultants are posted in Dominica and Saint Lucia.

UN OCHA

- Pledged support with Information Management, coordination, advocacy and humanitarian financing

List of preparatory actions being undertaken by the RRM Partners as of 2:00PM AST on August 28th, 2018.

UNDP

- Have available engineers for housing, infrastructure and recovery in Dominica and Antigua & Barbuda
- Able to provide Post Disaster Needs Assessment (PDNA) facilitators, Gender and Recovery Specialists
- Able to support Social Protection and Cash Transfer Programmes.

UNFPA

- Have prepositioned 1250 hygiene kits in the region: 250 in Barbados, and 1000 in Antigua and Barbuda
- Able to deliver reproductive health kits upon request
- Able to provide surge specialist in the following; sexual and reproductive health, Gender Based Violence in Emergencies, Humanitarian Coordination and Operations (Health, Protection and Shelter)

UK DFID

- Pledged financial support to CDEMA RRM response teams if requested
- Able to provide surge to emergency rapid deployment teams
- Have available stocks of non-food items: over 1000 collapsible jerry cans, 1000 hygiene kits, 1000 shelter kits pre-loaded on the RFA Mounts bay, 800 shelter kits and 1630 buckets stored in Antigua
- Able to assist with Search and Rescue Operations and Emergency Medical Teams
- Able to provide funding through Red Cross/ UN or NGOs
- Pledged human resources to support operations
- Activation of COPERNICUS (EU Satellite) for real-time information and remote damage assessment.
- Offer of humanitarian experts and emergency response tools on request of affected states.

GAC

- Pledged one (1) Airport Specialist for rapid needs assessment
- Have provided funding to be used for small early recovery projects through a grant response fund at CDEMA.

ECHO (EU)

- Pledged human resources to support operations
- Activation of COPERNICUS (EU Satellite) for real-time information and remote damage assessment.
- Offer of humanitarian experts and emergency response tools on request of affected states.

CARPHA

- Able to provide specialist of the RNAT – Health/ Environmental Health Assessment and WASH
- Able to provide public health /shelter surveillance support
- Able to assist with post disaster vector control assessment/ support
- Able to provide post flooding food safety guidance
- Able to provide laboratory surveillance support (reference/referral or on site testing support)
- Risk communications assistance

CARICOM IMPACS

- Immigration support in event of displacement

List of preparatory actions being undertaken by the RRM Partners as of 2:00PM AST on August 28th, 2018.

IOM

- Able to support Camp Coordination – Camp Management expertise
- Logistics for distribution of NFIs
- Shelter – Housing coordination
- Emergency NFI stock in HRD Panama and USAID Haiti

RSS

- Placed the CDRU on alert.
- The RSS Airwing is available to conduct reconnaissance and damage assessment missions, if necessary.
- The RSS Security Chiefs have been advised to place a 15-man squad on alert for possible deployment.

WFP

The WFP has pledged the following support

- Logistical support (air, sea and land), emergency logistics hubs (storage solutions), and logistics experts – assessments, coordination and response; services and assets (air, sea, land),
- Coordinated deliveries of items stored at UNHRD Panama
- Experts - Emergency Telecommunications, Food security/ Relief Distribution, Assessment and Vulnerability Analysis, Shock Responsive Social Protection and Cash Transfer
- Food assistance
- Emergency Telecommunications Services and assets

CIMH

- Provide special weather interpretation of the current and forecasted tropical weather affecting the Caribbean Region for CDEMA's operation planning.

IFRC

- Human resources for Disaster Coordination based in Haiti, Panama, Guadeloupe and Trinidad and Tobago • Stock prepositioned in Jamaica, Bahamas, Barbados, Saint Lucia and Trinidad & Tobago and Panama (Haiti, Dominican Republic and Cuba)