

Tropical Storm Dorian

INFORMATION NOTE No. 2

AS OF 8:00 PM (AST) ON AUGUST 26, 2019

Synopsis of Tropical Storm Dorian

LOCATION: 30 MILES (50 KM) EAST SOUTH EAST OF BARBADOS

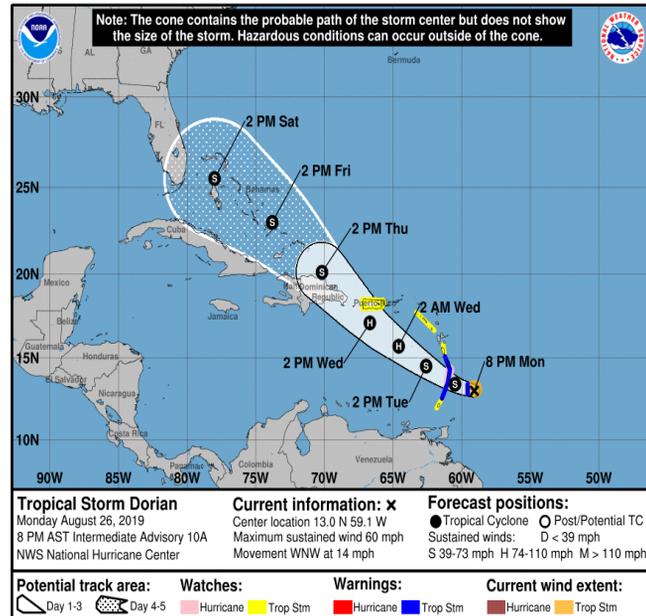
PRESENT MOVEMENT: WEST AT 14 MPH (22 KM/H)

MAXIMUM SUSTAINED WINDS: 60 MPH (95KM/H)

MINIMUM CENTRAL PRESSURE: 1007 MB (29.74 IN)

WATCHES AND WARNINGS FOR CDEMA PARTICIPATING STATES:

- **HURRICANE WATCH**
Saint Lucia
- **TROPICAL STORM WARNING:**
Barbados
Saint Lucia
St. Vincent and the Grenadines
- **TROPICAL STORM WATCH:**
Grenada and its dependencies
Dominica



Tropical Storm Dorian forecast track – 8:00 PM (AST) August 26, 2019- NHC

National Hurricane Center (NHC) Update

According to the National Hurricane Center (NHC) in Miami, Florida, as of 8:00 PM (AST) on August 26, 2019, the center of Tropical Storm Dorian was located near latitude 13.0 North, longitude 59.1 West. Dorian is moving toward the west-northwest near 14 mph (22 km/h). The estimated minimum central pressure 1007 mb.

Maximum sustained winds are 60 mph (95 km/h) with higher gusts. Some strengthening is forecast during the next few days, and Dorian could be near hurricane strength when it passes through the northern Windward Islands on Tuesday August 27, 2019.

Tropical-storm-force winds extend outward up to 45 miles (75 km) from the centre.

Caribbean Institute For Meteorology And Hydrology (CIMH) Analysis (as of 5:00 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 Tropical Storm Dorian moves closer to the Lesser Antilles later tonight with hurricane conditions possible on Tuesday August 27, 2019.
- **RAINFALL:** Dorian is expected to produce total rainfall accumulations of 3 to 8 inches (75 – 200 mm) in the Windward Islands. Isolated maximum totals of 10 inches (250 mm) are possible across the northern Windward Islands. Rainfall totals of 1 - 3 inches (25 to 75 mm) are expected in Grenada , the Grenadines, and across Dominica.
- **WINDS:** Hurricane conditions are possible tonight and early Tuesday within the Hurricane Watch Area. Tropical Storm conditions are likely in the warning area by late Monday, August 26, 2019.
- **WAVES:** Sea swells generated by Dorian will begin to affect portions of the Lesser Antilles tonight and continue into Tuesday. Maximum wave heights of approximately 3-4 meters in open waters to the east and south of Barbados is expected. 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:** Tropical Storm Dorian could be a significant rainfall event which may trigger flash floods and landslides particularly in Barbados and Saint Lucia respectively.

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).
- CDEMA has maintained communication with its Participating States; primarily Barbados, Saint Lucia, St. Vincent and the Grenadines, Dominica and Grenada; to discuss pre-impact scenario plans and to ascertain preliminary needs at this time. Emergency communications have been tested successfully with Barbados, Saint Lucia and Grenada.
- 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 second meeting of the Regional Response Mechanism Partners - Caribbean Development Partners Group - Disaster Management (CDPG DM), at 11:00 AM today, August 26, 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 Tropical Storm Dorian and provide updates as necessary.

Summary of National Actions Undertaken by CDEMA PS



BARBADOS

Department of Emergency Management (DEM)

- The Emergency Operations Center (EOC) has been activated as of 8:00 AM Monday August 26, 2019
- The Prime Minister and the National Emergency System has been briefed and remains on standby.
- The Prime Minister of Barbados authorized a national shut-down at 10:00 AM August 26, 2019.
- Two district hospitals were evacuated.
- Twenty-eight (28) emergency shelters have been opened with thirty-seven (37) occupants.
- The Grantley Adams International Airport was closed at 12:00 noon.
- DEM has identified the southeast and southwest of the island as vulnerable to flash flooding and high winds based on the projection of the storm.
- DEM along with the National Meteorological Service will continue to monitor the progress of Dorian and will provide updates as necessary.



ST. VINCENT AND THE GRENADINES

National Emergency Management Organisation (NEMO)

- NEMO has briefed the Prime Minister and his Cabinet.
- The northwest and northeast have been identified as high risk areas to flash flooding, landslides, strong winds based on the projection of the storm.
- Tarpaulins and plastic sheeting have been identified as preliminary needs at this time.
- NEMO along with the National Meteorological Service will continue to monitor the progress of Dorian and will provide updates as necessary.



SAINT LUCIA

National Emergency Management Organisation (NEMO)

- The Prime Minister and his Cabinet have been briefed.
- NEMO convened a pre-impact meeting at 11:00 AM.
- NEMO has identified high risk communities in the southeast and southwest as vulnerable to flash flooding, strong winds and landslides based on the projection of the storm.
- NEMO along with the National Meteorological Service will continue to monitor the progress of Dorian and will provide updates as necessary.

Summary of National Actions Undertaken by CDEMA PS



DOMINICA

Office of Disaster Management (ODM)

- The Executive Committee of the National Emergency Planning Organization (NEPO) met at 9:00 AM and 5:00 PM on Monday August 26, 2019.
- The Prime Minister held a press conference at 10:00 AM to provide an update on the national preparations for the threat of TS Dorian.
- The ODM in consultation with the National Meteorological Service continues to provide regular updates to the public.
- Dominica remains under a Tropical Storm Watch.



GRENADA

National Disaster Management Agency (NaDMA)

- NaDMA along with the National Meteorological Service will continue to monitor the progress of Dorian and will provide updates as necessary.

List of preparatory actions being undertaken by the RRM Partners as of 5:00PM AST on August 26th, 2018.

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.

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 5:00PM AST on August 26th, 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

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 5:00PM AST on August 26th, 2018.

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

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