

Tropical Storm Dorian

INFORMATION NOTE No. 1

AS OF 5:00 PM (AST) ON AUGUST 25, 2019

Synopsis of Tropical Storm Dorian

LOCATION: 375 MILES (605 KM) EAST SOUTH EAST OF BARBADOS

PRESENT MOVEMENT: WEST AT 14 MPH

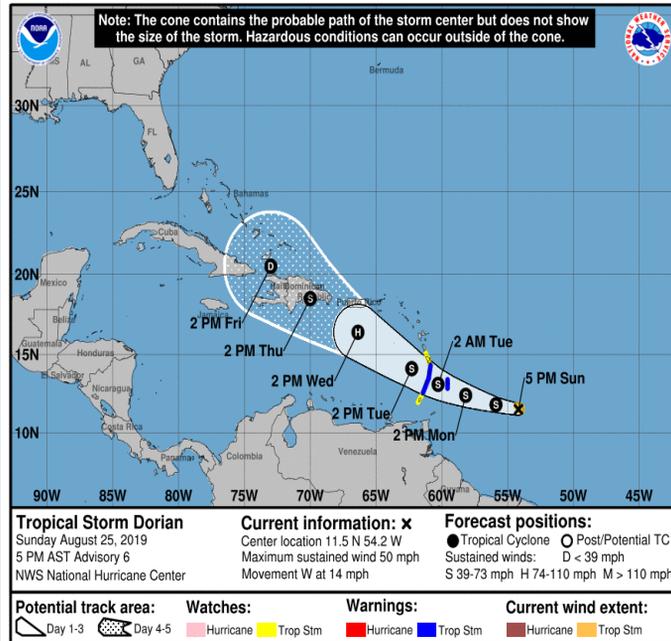
MAXIMUM SUSTAINED WINDS: 50 MPH (85KM/H)

MINIMUM CENTRAL PRESSURE: 1003 MB

WATCHES AND WARNINGS FOR CDEMA PARTICIPATING STATES:

➤ **TROPICAL STORM WARNING:**
Barbados
Saint Lucia
St. Vincent and the Grenadines

➤ **TROPICAL STORM WATCH:**
Grenada



Tropical Storm Dorian forecast track – 5:00 PM (AST) August 25, 2019- NHC

National Hurricane Center (NHC) Update

According to the National Hurricane Center (NHC) in Miami, Florida, as of 5:00 PM (AST) on August 25, 2019, the center of Tropical Storm Dorian was located near latitude 11.5 North, longitude 54.2 West. Dorian is moving toward the west near 14 mph (22 km/h). The estimated minimum central pressure 1003 mb.

Maximum sustained winds are 50 mph (85 km/h) with higher gusts. Some strengthening is forecast during the next 48 hours.

Tropical-storm-force winds extend outward up to 35 miles (55 km) from the centre.

Caribbean Institute For Meteorology And Hydrology (CIMH) Analysis (as of 1:00 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:** As Dorian approaches the Lesser Antilles, a gradual deterioration in weather conditions is expected. Storm conditions are expected over the warning areas by late Monday/ early Tuesday. Two (2) to six (6) inches of rainfall is possible.
- **FLOOD/LANDSLIDES:** Intense rainfall (30 to 70 mm -8 inches) is likely over Barbados. Satellite footage indicates a rate of 20 to 25 mm (3 inches) of rainfall per hour .
- **WINDS:** Tropical storm force winds are likely in the warning areas by late Monday, August 26, 2019.
- **WAVES:** Storm surge of 2.5 metres (up to 9 feet) above normal tide levels is possible. A marine advisory is in effect for boat operations, small craft operators and port operations in the warning areas.
- **In summary:** Dorian is expected to affect the Southern Windward and Northern Leeward islands with storm force winds and heavy rainfall expected over these areas. The remainder of the island chain may get caught in surrounding feeder bands resulting in periods of intense rainfall and gusty winds.

Caribbean Disaster Emergency Management Agency (CDEMA) Actions

- The Regional Coordination Plan (RCP) has been activated as of August 24, 2019.
- The Regional Response Teams have been placed on ALERT (CARICOM Disaster Assessment and Coordination (CDAC), CARICOM Operational Support Team (COST), Rapid Needs Assessment Team (RNAT), and the Multi-National Civil Military Coordination Cell (MNCCC). The Regional Security System (RSS) has placed the CARICOM Disaster Relief Unit (CDRU) on ALERT.
- CDEMA has established communications with its Participating States to discuss pre-impact scenario planning and ascertain preliminary needs at this time.
- CDEMA is preparing an Operational Plan in collaboration with RRM Partners.
- CDEMA and the UN Resident Coordinator Co-Chaired a meeting of the Regional Response Mechanism Partners - Caribbean Development Partners Group - Disaster Management (CDPG DM), at 1:00 PM today, August 25, 2019. The Caribbean Institute for Meteorology and Hydrology provided a brief to this meeting.
- CDEMA CU urges all Participating States and members of the Regional Response Mechanism (RRM) 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)
- A pre-strike meeting, Chaired by the Hon. Mia Mottley, Prime Minister of Barbados, was convened at 11:00AM Sunday August 25, 2019
- The National Emergency Operation Centre (NEOC) will be activated at 8:00 AM on Monday August 26, 2019.
- Emergency preparations are ongoing in various communities.
- The Prime Minister of Barbados has authorised a national shut down as of 12:00 noon on Monday August 26, 2019.



ST. VINCENT AND THE GRENADINES

National Emergency Management Organisation (NEMO)

- As of 5:00 PM on Sunday August 25, 2019 the country is under Tropical Storm Warning.
- The Prime Minister and his cabinet have been briefed.
- Preparations are ongoing.
- A meeting of the National Emergency Council , Chaired by the Prime Minister will convene at 7:00pm Sunday August 25th 2019

List preparatory actions being undertaken by the RRM Partners as of 2:00PM AST on August 25th, 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.

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

OCHA

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

List preparatory actions being undertaken by the RRM Partners as of 2:00PM AST on August 25th, 2018.

WFP

- Pledged Logistics experts – assessments, coordination and response; services and assets (air, sea, land)
- Pledged Emergency Telecommunications experts
- Pledged Relief Distribution Experts
- Storage solutions

GAC

- Pledged one (1) Airport Specialist for rapid needs assessment
- Small early recovery projects can be funded through a response fund at CDEMA.