

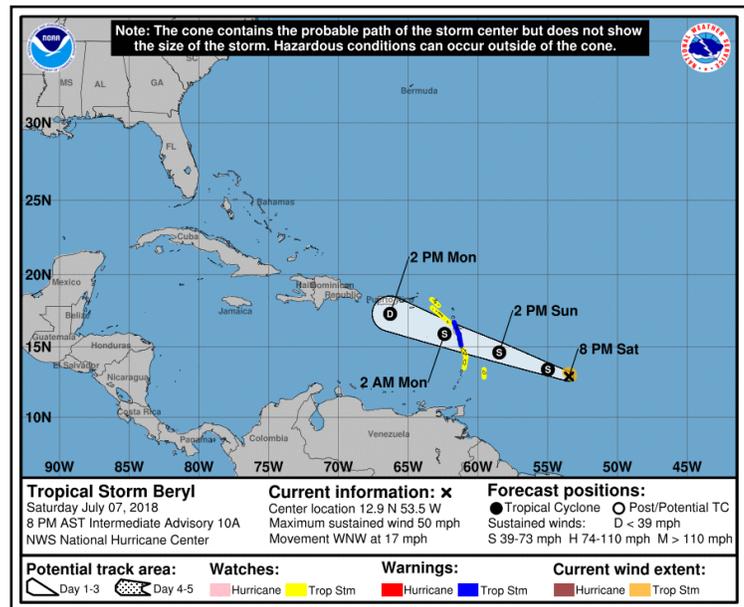
TROPICAL STORM BERYL

INFORMATION NOTE #2

AS OF 8:00 PM AST ON JULY 07, 2018

SYNOPSIS OF TROPICAL STORM BERYL

According to the National Hurricane Center (NHC) in Miami, Florida, as of 11:00 AM (AST) on July 07, 2018, Beryl, the second (2nd) named storm of the 2018 Atlantic Hurricane Season, was downgraded from a hurricane to a tropical storm. As of 8:00 PM the center of Beryl, was located at 12.9N and 53.5W about 550 miles (885km) ESE of the Lesser Antilles with maximum sustained winds of 50 mph (85 km/h) and a minimum central pressure of 1003 mb. The present movement of Beryl is West-North-West or 295° at 17 mph (28 km/h).



Tropical Storm Beryl forecast track - July 07, 2018 - NHC

CARIBBEAN INSTITUTE FOR METEOROLOGY AND HYDROLOGY (CIMH) WEATHER UPDATE¹

The Caribbean Institute for Meteorology and Hydrology (CIMH) is closely monitoring Beryl as it continues on its trajectory towards the Lesser Antilles. Beryl, now downgraded to Tropical Storm, remains small and compact. As it moves closer to the Caribbean, the cone of uncertainty has expanded and the NHC has dropped the cone slightly south, placing Barbados under Tropical Storm Watch. Currently, Beryl is estimated to have winds near 50 mph; this remains confined to a 20 km radius, with tropical storm force winds extending up to 55km from the centre of the storm. These

¹ 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

winds and accompanying wind gusts could detach tree limbs, weaken structures, dislodge loose debris and remove tarpaulin roofs.

The eye of the storm has become exposed in the latest satellite imagery and is embedded in an area of Saharan dust. This is a positive sign for continued weakening. The heaviest area of thunderstorm activity appears to be concentrated to the south of the storm. The twenty-four hour (24 HR) and forty-eight hour (48 HR) suggested rainfall accumulations of 100 mm (4 inches) and 200 mm (8 inches) respectively may result in flash flooding, localized land slippage, and debris flows. The impact of Hurricane Maria on Dominica which resulted in blocked waterways, damage to drainage infrastructure, and exposure of steep-sided slopes, is likely to exacerbate debris flows and flooding.

TS Beryl is expected to move over the southern regions of Dominica late Sunday July 08, into early morning Monday July 09. The current forecast suggest weakening however, the vulnerability of some islands has increased since the passing of Hurricanes Irma and Maria in 2017. Moderate rainfall and winds can have a more significant impact due to the increased vulnerability. Rainfall may also be enhanced by local topographic conditions. The islands of Dominica, Martinique and St. Lucia should expect increasing rains and thundershowers accompanied by gusty winds. Other islands should expect showers with the occasional thundershowers. Conditions should improve into Monday afternoon.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT FOR CDEMA PARTICIPATING STATES

A Tropical Storm Warning is in effect for Dominica

A Tropical Storm Watch is in effect for Barbados and Saint Lucia.

UPDATES FROM THE CDEMA PARTICIPATING STATES



CENTRAL SUB-REGIONAL FOCAL POINT –BARBADOS

- As at 5:00AM July 07, 2018 The Barbados Meteorological Office issued a Tropical Storm watch for Barbados.
- A high surf advisory and a small craft warning, will take effect from 6:00 PM today, July 07 until 6:00 AM Monday July 09.
- The National Emergency Management System (NEMS) is on alert; internal briefings on the standard operating protocols (SOPs) were conducted at the Department of Emergency Management (DEM).
- Press Releases were issued encouraging the public to monitor the system and to take the necessary precautions. Various social media outlets were also used to disseminate information.



COMMONWEALTH OF DOMINICA

- The National Emergency Planning Organization (NEPO) has been activated. NEPO sub committees have briefed Cabinet of their preparatory actions. The Prime Minister briefed the nation this morning.
- The Office of Disaster Management (ODM) in collaboration with the Meteorological Service issued public advisories over the various media channels.
- The ODM has activated the Community Emergency Response Teams (CERTs) and Community Disaster Management Committees to assist with public awareness and dissemination of public advisories in communities still without electricity post Hurricane Maria. They are conducting house to house visits.
- The Hurricane Shelters List is published; the number of shelters has decreased from 150 to 108 post Hurricane Maria. In communities without identified public shelters, persons in need of shelter are asked to seek shelter with family and/ or friends with secure homes or at an approved shelter in a neighbouring community.
- The ODM will activate the NEOC on Sunday July 08, if needed.
- Primary concerns at this time are emergency shelters for the vulnerable population and heavy equipment for de-silting the river channels and waterways that were flooded during Hurricane Maria.



SAINT LUCIA

- A Tropical Storm Watch is in effect for Saint Lucia as of 5:00 AM (AST) July 07, 2018.
- The National Emergency Management Organization (NEMO) has placed all National Committees as well as District Disaster Committees on standby.
- The Prime Minister and the Cabinet Secretary were briefed.
- Public advisories were issued via the National Early Warning System which included SMS through the telecommunication providers.
- NEMA will continue to monitor the system and update the public as necessary.



SOUTHERN SUBREGIONAL FOCAL POINT – TRINIDAD AND TOBAGO

- The Office of Disaster Preparedness and Management (ODPM) is providing briefs to their line Minister on the potential threat to the region and on their role as a sub-regional focal point.
- ODPM remains on standby to provide assistance, if required.



NORTH-EASTERN SUBREGIONAL FOCAL POINT - ANTIGUA AND BARBUDA

- The National Office of Disaster Services (NODS) is monitoring the progress of Beryl with the Meteorological Service.
- The National Emergency Management System has been placed on Alert.
- The Minister and representative for Barbuda have been briefed.

CARIBBEAN DISASTER EMERGENCY MANAGEMENT AGENCY (CDEMA) ACTIONS

Following are the regional preparatory actions undertaken by CDEMA to date:

- i. The Regional Coordination Plan (RCP) has been activated as of 8:40 PM on July 05, 2018.
- ii. CDEMA Coordinating Unit (CU) is undertaking the preparatory actions in accordance with the standard operating procedures (SOPs) of the RCP.
- iii. CDEMA CU has reached out to the Participating States (PSs) which could be potentially impacted and their Sub-Regional Focal Points.
- iv. CDEMA convened an online meeting of the Regional Response Mechanism (RRM) Partners and the CDEMA Participating States at 11:00 AM, July 07. The meeting was co-chaired by the United Nations Resident Coordinator and CDEMA. CIMH provided a hydro-metrological brief on the storm. The PSs and the RRM partners provided updates on their preparatory actions to inform the regional plan of action in response to a potential impact from Beryl on any CDEMA PS.
- v. The pre-impact database was updated to the extent possible; some considerations of mass migration of the countries were flagged.
- vi. The Regional Deployment teams – CARICOM Operational Support Team (COST) and the CARICOM Disaster Assessment and Coordination (CDAC) Team were alerted and the Regional Security System (RSS) placed the CARICOM Disaster Relief Unit (CDRU) on alert.

The CDEMA CU will continue to monitor the progress of Beryl and provide updates as necessary.

UPDATES FROM THE RRM PARTNERS

REGIONAL SECURITY SYSTEM (RSS)

- a. In keeping with the CDEMA and RSS MOU, all Forces Commanders have been notified to keep CDRU teams A and B on standby; they were also advised to monitor the progress of Beryl.
- b. RSS contacted the Chief of Defence Staff (CDS) of the Barbados Defence Force (BDF) regarding possible use of marine vessels.
- c. RSS Air wing has been placed on alert to support reconnaissance, if required.

UNITED NATIONS CHILDREN'S FUND (UNICEF)

- a. Has a team on the ground in Dominica and is assisting the Dominica Water & Sewage Company (DOWASCO) to undertake preparatory measures.
- b. UNICEF is able to support in the area of WASH, Child protection and Education. There is additional human capacity in Panama to support WASH, if required.
- c. Pre-positioned supplies under the control of CDEMA are located in the subregional warehouses in Barbados and Antigua and Barbuda.
- d. UNICEF has a presence on the ground Saint Lucia

PAN AMERICAN HEALTH ORGANIZATION (PAHO)

- a. Activated its disaster plan and teams in the other threatened islands (St. Vincent & the Grenadines and Saint Lucia)
- b. Have persons on the ground in Dominica
- c. Communicated with Ministries of Health in Saint Lucia, St. Vincent and the Grenadines and Antigua and Barbuda
- d. In contact with the Barbados Defence Force - assisting with the set up of the field hospital EMT1 level
- e. Will conduct training for persons across the Caribbean in psychosocial support tomorrow, Sunday July 08.
- f. Has prepositioned personnel (consultants and advisors) around the region
- g. Is testing the efficiency of five (5) solar powered refrigerators in Dominica for storage of vaccines.

UNITED STATES OFFICE OF FOREIGN DISASTER ASSISTANCE (US OFDA)

- a. Has pre-positioned personnel (consultants and advisors) across the region.
- b. One (1) Consultant is in Dominica supporting preparatory operations
- c. Activated two (2) surge persons in Antigua.
- d. Will position a regional advisor in Haiti and 1 person is already stationed in the Dominican Republic.

UNITED NATIONS DEVELOPMENT PROGRAMME (UNDP)

- a. Office preparedness plans have been activated.
- b. Assisting with coordination and have pre-identified experts for possible deployment in Dominica.
- c. Recovery preparedness sessions are scheduled.

INTERNATIONAL FEDERATION OF REDCROSS AND RED CRESCENT SOCIETIES (IFRC)

- a. Activated its coordination mechanism – has alerted regional teams, and conducting daily meetings.
- b. The Operations Centre on standby.
- c. The Directors General of the national societies have been briefed.
- d. Released an information bulletin on its website on current stocks of non-food items (NFI's) in Dominica and Antigua and Barbuda.

ECHO

- a. Continues to monitor and remains on standby.
- b. The civil protection mechanism can be activated, if needed.

UNITED NATIONS OFFICE FOR COORDINATION OF HUMANITARIAN AFFAIRS/ REGIONAL OFFICE FOR LATIN AMERICA AND THE CARIBBEAN UN OCHA ROLAC

- a. OCHA is monitoring and teams are on standby.

WORLD FOOD PROGRAMME (WFP)

- a. Donated bulk of logistics and emergency telecoms equipment to Dominica – mobile storage, prefab office, pallets, light vehicles, tarpaulins.
- b. Agreed with Ministry of Health to do one final cash transfer post Maria to support preparedness for 2018 season. This is scheduled to start next week.
- c. The United Nations Humanitarian Response Depot (UNHRD) in Panama is on standby to provide support re: equipment and supplies.

DEPARTMENT FOR INTERNATIONAL DEVELOPMENT (DFID)

- a. The United Kingdom (UK) is on standby to respond.
- b. Response personnel, kit and direct funding are available
- c. RFA Mounts Bay is pre-positioned with personnel and supplies, priority will be given to impacted British Overseas Territories.

ADVENTIST DEVELOPMENT AND RELIEF AGENCY (ADRA)

- a. Has some supplies on the ground – tarps and blankets
- b. International body is on standby to support operations

The CDEMA CU urges all Participating States and members of the Regional Response Mechanism (RRM) to continue to monitor the progress of this system. The CDEMA CU will continue to monitor the progress of Hurricane Beryl and provide updates as necessary.

CONTACT DETAILS: The CDEMA CU 24-hour contact number 1(246) 434-4880 and emergency e-mail: rccuser@cdema.org

The public is advised to...

- Monitor radio or television and other **official sources of information** for progress reports
- Update your personal family preparedness plan and action items according to that plan
- The website www.weready.org provides additional information

Tropical Storm and Hurricane Safety tips

Hurricanes can be dangerous, listening to the hurricane warning messages and planning ahead can reduce the chances of injury or major property damage. Here are a few steps to help you be prepared this hurricane season:

- ✓ *Know your Emergency Shelters:* Contact the National Disaster Office for the closest shelters. Have evacuation routes planned to the emergency shelters near you.
- ✓ *Have a Hurricane Survival Kit*
- ✓ *Protect your windows:* Permanent shutters are the best protection. A lower-cost approach is to put up plywood panels. Use 1/2 inch plywood--marine plywood is best--cut to fit each window. Remember to label each panel according to its respective window. Pre-drill holes every 18 inches for screws. Do this long before the storm.
- ✓ *Trim back branches from trees:* Trim branches away from your home and cut all dead or weak branches on any trees on your property.
- ✓ *Check into your Home and Auto Insurance:* Confirm that policies are valid and coverage is appropriate.
- ✓ *Make arrangements for pets and livestock:* Pets may not be allowed into emergency shelters for health and space reasons. Contact your local humane society for information on animal shelters.
- ✓ *Develop an emergency communication plan:* Make sure that all family members know what to do. Teach family members how and when to turn off gas, electricity, and water. Teach children how and when to call police or fire department and which radio station to tune to for emergency information. In case family members are separated from one another during a disaster (a real possibility during the day when adults are at work and children are at school), have a plan for getting back together

Hurricane Watches and Warnings

A **Hurricane Watch** is issued when there is a threat of hurricane conditions within 24-36 hours.

A **Hurricane Warning** is issued when hurricane conditions (winds of 74 miles per hour or greater or dangerously high water and rough seas) are expected in 24 hours or less.

During a Hurricane Watch

- Listen to the radio or television for hurricane progress reports.
- Check emergency supplies.
- Fuel car.
- Get cash (in case ATMs stop working after the hurricane)
- Bring in outdoor objects such as lawn furniture, toys, and garden tools and anchor objects that cannot be brought inside.
- Secure buildings by closing and boarding up windows.
- Remove outside antennas and satellite dishes.
- Turn refrigerator and freezer to coldest settings. Open only when absolutely necessary and close quickly.
- Store drinking water in clean jugs, bottles, and cooking utensils.
- Bring pets safely inside with adequate food and water.
- Charge cell phone
- Check your Hurricane Survival Kit to ensure it contains all that you will need.

During a Hurricane Warning

- Listen constantly to a radio or television for official instructions.
- Store valuables and personal papers in a waterproof container on the highest level of your home.
- Stay inside, away from windows, skylights, and glass doors.
- Keep a supply of flashlights and extra batteries handy. Avoid open flames, such as candles and kerosene lamps, as a source of light.
- If power is lost, turn off major appliances to reduce power "surge" when electricity is restored.
- Put your refrigerator on the coldest setting and keep its doors closed. Turn off utilities if instructed to do so.
- Keep phone lines clear except for serious emergencies
- If you need to evacuate your home, lock up home and go to the nearest shelter.
- Take blankets and sleeping bags to shelter.