

# Hurricane Isaac

## INFORMATION NOTE No. 2

AS OF 6:00 PM (AST) ON SEPTEMBER 11, 2018

### Synopsis of Hurricane Isaac

**LOCATION: 670 MILES EAST OF THE LESSER ANTILLES**

**PRESENT MOVEMENT: WEST AT 17 MPH**

**MAXIMUM SUSTAINED WINDS: 70 MPH**

**MINIMUM CENTRAL PRESSURE: 996 MB**

**WATCHES AND WARNINGS FOR CDEMA PARTICIPATING STATES:**

➤ **HURRICANE WATCH: Dominica**

➤ **TROPICAL STORM WATCH: Antigua and Barbuda, Montserrat, and St. Kitts and Nevis**



Hurricane Isaac forecast track – 5:00 PM (AST) September 11, 2018 - NHC

### National Hurricane Center (NHC) Update

According to the National Hurricane Center (NHC) in Miami, Florida, as of 5:00 PM (AST) on September 11, 2018, the center of Tropical Storm Isaac was located near latitude 14.6 North, longitude 51.3 West. Isaac is moving toward the west near 17 mph (28 km/h).

On the forecast track, Isaac is expected to move near or over the central Lesser Antilles on Thursday and move into the eastern Caribbean Sea Thursday night, and move into the central Caribbean Sea by the weekend. Maximum sustained winds remain near 70 mph (110 km/h) with higher gusts. Isaac is expected to be near hurricane strength when it moves through the central Lesser Antilles, with some weakening forecast afterward on Friday and Saturday.

Tropical-storm-force winds extend outward up to 105 miles (165 km) from the centre.

## Caribbean Institute For Meteorology And Hydrology (CIMH) Analysis

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 Isaac approaches the Northern Windwards/Southern Leewards a gradual deterioration in weather conditions is expected with Tropical storm/weak hurricane force winds to extend across the area. Storm force conditions are expected over the area by Thursday. Some feeder bands from the system may also spark precipitation across the remainder of the island chain.
- **FLOOD/LANDSLIDES:** Persistent intense rainfall likely over Dominica and portions of the Northern Windwards/Southern Leewards with the possibility of flash flooding and localized landslides leading to disruptions in transportation and utilities. Changes in waterways due to the impacts of Maria increase vulnerability.
- **WINDS:** Tropical storm force/weak hurricane force winds likely over the Northern Windwards/Southern Leewards leading to rolling/tumbling of unsecured objects, flying debris and disruptions to transportation routes, power and port operations. Presence of tarpaulin roofs increase vulnerability of structures. Some structural damage to residences and businesses can be expected.
- **WAVES:** Storm surge of 2 to 4 feet above normal tide levels is possible. Significant danger to life from large waves, boating operations, small craft operators and port operations.
- **In summary:** Isaac is expected to affect the Northern Windwards/Southern Leewards with storm/hurricane force winds/ heavy rainfall expected over this area. 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 remains activated and all Regional Response Units are on ALERT (CDRU, CDAC, COST, RNAT).
- The Regional Coordination Center (RCC) was partially activated as at 9:00AM (AST) on September 11, 2018.
- Initiated pre-deployment of a CARICOM Operational Support Team (COST) for Dominica.
- Conducting Risk Assessments and Scenarios for possible impact.
- CDEMA and CIMH facilitated a meeting of the Regional Response Mechanism Partners - Caribbean Development Partners Group - Disaster Management (CDPG DM, at 1:00 PM today, September 11, 2018).
- The CDEMA CU urges all Participating States and members of the Regional Response Mechanism (RRM) to monitor the progress of this system.
- The CDEMA CU will continue to monitor the activity in the Atlantic and provide updates as necessary.

## Summary of National Actions Undertaken by CDEMA PS

### TRINIDAD & TOBAGO SOUTHERN SUB-REGIONAL FOCAL POINT

#### ODPM

- The Office of Disaster Preparedness and Emergency Management staff members have been alerted and activated its Emergency Support Functions (including warehouse operations)
- ODPM personnel for deployment are available for possible deployment if required
- Initiated contact with Grenada and requested an update on their level of readiness
- ODPM stands ready to assist with RCC duties if required

#### Antigua and Barbuda, Dominica and St. Kitts and Nevis

- Conducting pre-impact analysis (Impact Scenarios) to indicate which areas are most likely to be affected

### List preparatory actions being undertaken by the RRM Partners as of 6:00PM AST on September 11<sup>th</sup>, 2018.



#### HEALTH & SANITATION

#### PAHO

- Barbados
  - Conducting damage assessment of health facilities & access to treatment, information management, surveillance, wash in health facilities
  - Deployment team on standby to assist the affected countries after the passage of Tropical Storm Isaac
- Dominica
  - Conducting damage assessment of health facilities, access to health, Public health
  - Deployment team on standby: surveillance officer, engineers, coordinators, information management, WASH in health facilities

#### UNFPA

- Emergency supplies prepositioned in Barbados for Eastern Caribbean and RH Kits can be dispatched from Copenhagen as needed.
- Capacities of national partners in Antigua and Barbuda and Dominica were strengthened on GBV prevention and response and on reproductive health in emergencies

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### GENERAL COORDINATION

#### IFRC

- Working through their national societies to support preparedness activities in the threatened states:
  - **Antigua and Barbuda Red Cross Society (ABRCS)** has launched social media and public awareness bulletins
  - ABRCS is currently reviewing stocks and fuel
  - Coordination of the delivery of Shelter Recovery Materials to beneficiaries was conducted last weekend; all remaining shelter materials will be stored in a container
  - Water has been transferred and stored in container on Barbuda as well as tarpaulins, shelter tool kits, illumination lights and family kits
- Issued an Institutional Alert at level II
- Issued an information bulletin about Hurricane Isaac and Florence on 10 September 2018 and has developed a dashboard for monitoring purposes
- Facilitating coordination between the IFRC's Caribbean Country Cluster Support Team (CCST) and operational team in Antigua and Barbuda
- Held discussions with the United States Agency for International Development (USAID)/Office of United States Foreign Disaster Assistance (OFDA) and European Civil Protection and Humanitarian Aid Operations (ECHO) on preparedness and response readiness in the Caribbean
- All IFRC personnel are currently at operations base and will remain there until further notice (out of an abundance of caution)
- A pre-positioned resource is located in Panama to contribute to management of the shelter cluster should it be activated.

#### OCHA ROLAC

- Deployed an Information Management Officer to support CDEMA's RCC operations.