

# Tropical Storm Isaac

## INFORMATION NOTE No. 3

AS OF 8:00 PM (AST) ON SEPTEMBER 12, 2018

### Synopsis of Tropical Storm Isaac

**LOCATION: 260 MILES EAST NORTH EAST OF MARTINIQUE**

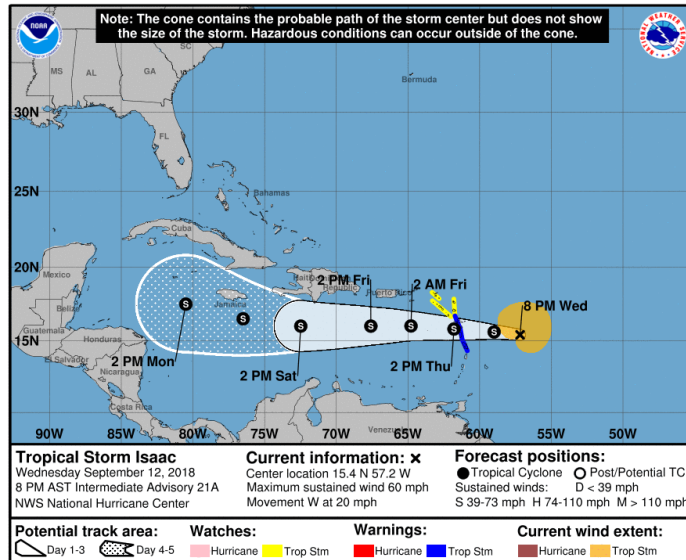
**PRESENT MOVEMENT: WEST AT 20 MPH**

**MAXIMUM SUSTAINED WINDS: 60 MPH**

**MINIMUM CENTRAL PRESSURE: 1003 MB**

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

- **TROPICAL STORM WARNING: Dominica**
- **TROPICAL STORM WATCH: Antigua and Barbuda, Montserrat, and St. Kitts and Nevis**



Hurricane Isaac forecast track – 8:00 PM (AST) September 12, 2018 - NHC

### National Hurricane Center (NHC) Update

According to the National Hurricane Center (NHC) in Miami, Florida, as of 8:00 PM (AST) on September 12, 2018, the center of Tropical Storm Isaac was located near latitude 15.4 North, longitude 57.2 West. Isaac is moving toward the west near 20 mph (31 km/h).

On the forecast track, Isaac is forecast to move across the central Lesser Antilles and into the eastern Caribbean Sea on Thursday, and move across the eastern and central Caribbean Sea through Saturday.

Maximum sustained winds remain near 60 mph (95 km/h) with higher gusts. Some weakening is forecast during the next 48 hours.

Tropical-storm-force winds extend outward up to 175 miles (280 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** - A spiral band emanating from Isaac has already spread across Barbados and the Southern Windwards today bringing showers and isolated thunderstorms. Isaac is expected to move across the Central Lesser Antilles by Thursday with periods of intense rainfall anticipated later today. Spiral bands associated with Isaac will also spread across the remainder of the island chain later today bringing cloudy conditions, showers and thunderstorms.

**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 Maria increase vulnerability.

**WINDS:** Tropical storm force winds are likely over the Central Lesser Antilles 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. Gusty winds may be felt across the remainder of the island chain.

**WAVES:** Storm surge of 2 to 4 feet above normal tide levels is possible near and to the north of the center. Significant danger to life from large waves. Significant danger to boating operations, small craft operators and port operations.

**In summary:** Isaac is expected to affect the Central Lesser Antilles with storm force winds and heavy rainfall expected over this area whilst 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**

- Deployed a three (3) member CARICOM Operational Support Team (COST) to Dominica today, September 12, 2018. The COST will provide surge capacity to the NEOC in Dominica
- Continue to conduct 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 12, 2018) to discuss possible pre and post-impact support
- 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 as at September 12, 2018.



### COMMONWEALTH OF DOMINICA

- Schools closed on September 12 and 13, 2018
- Health Centers closed at 12:00 Noon on September 12, 2018
- Curfew to take effect from midnight September 12, 2018 to 12:00 noon on Friday September 14
- Government offices closed on Thursday, September 13, 2018
- All shelters opened at 6:00pm on September 12, 2018



### SAINT LUCIA

- Schools closed on September 13, 2018
- NEMO has advised that the key areas of concern are communities in the northern section of the island prone to landslides and flooding.
- Identified 29 shelters in the northern area

## List preparatory actions being undertaken by the RRM Partners as of 6:00PM AST on September 12<sup>th</sup>, 2018.



### EMERGENCY COMMUNICATION

#### CANTO

- Members of CANTO Emergency Response Team alerted to impending storm and possible deployment to support the CDEMA team.
- Scheduled Disaster risk management meeting to discuss preparatory measures of member organizations.



### RELIEF SUPPORT

#### DFID

- Supplies pre-positioned on RFA Mounts Bay (1,048 collapsible jerry cans, 999 hygiene kits and 976 shelter kits) as well as at the sub-regional hub in Antigua (800 shelter kits and 1620 buckets)
- Deployment of CDEMA surge teams and first responders



### HEALTH & SANITATION

#### UNICEF

- Pre-positioned water, sanitation and hygiene (WASH) supplies, including 250 family hygiene and dignity kits each in Antigua and Barbuda, Barbados, and Trinidad and Tobago.

#### UNFPA

- National counterparts are on standby to assess and respond to gender-based violence and the sexual and reproductive health needs of the population
- Emergency supplies are prepositioned in Barbados for immediate response to affected countries.
- Additional supplies are on standby at regional and HQ levels.
- Surge deployment team is being organized for rapid assistance to countries

## List preparatory actions being undertaken by the RRM Partners as of 6:00PM AST on September 12<sup>th</sup>, 2018.

### GENERAL COORDINATION

#### ECHO

- European Civil Protection mechanism and/or Humanitarian Aid possible to be activated depending on the needs
- Deployment of one ECHO person in Dominica, scheduled to arrive on Friday

#### IFRC

- All DRCS volunteers and disaster response teams have been alerted
- DRCS personnel assisting with preparedness actions and issued a Disaster Management Information System (DMIS) report
- DRCS issued assessment forms so that volunteers can identify damages
- DRCS information management (IM) team is working on Open Data Kit (ODK)-friendly format
- Coordination between the IFRC's Caribbean Country Cluster Support Team (CCST) and operational teams in Dominica, Antigua and Barbuda, Saint Kitts and Nevis and Saint Lucia
- Reviewing field operations preparedness in Dominica, Antigua and Barbuda, Saint Kitts and Nevis and Saint Lucia, including checklist for Field Office Tent.

#### UNDP

- Coordination Meeting with NODS and the Commissioner of Police
- Updating/review of personnel information across all UN Agencies on the ground
- Teams deployed with BGAN and SAT Phones



### LOGISTICS SUPPORT

#### UNDP

- WFP Logistics/Supply Chain Officer deployed to Dominica to provide support as needed