

# Potential Tropical Cyclone Nine INFORMATION NOTE No. 1

AS OF 5:00 PM (AST) ON JULY 28, 2020

## Synopsis of Potential Tropical Cyclone Nine

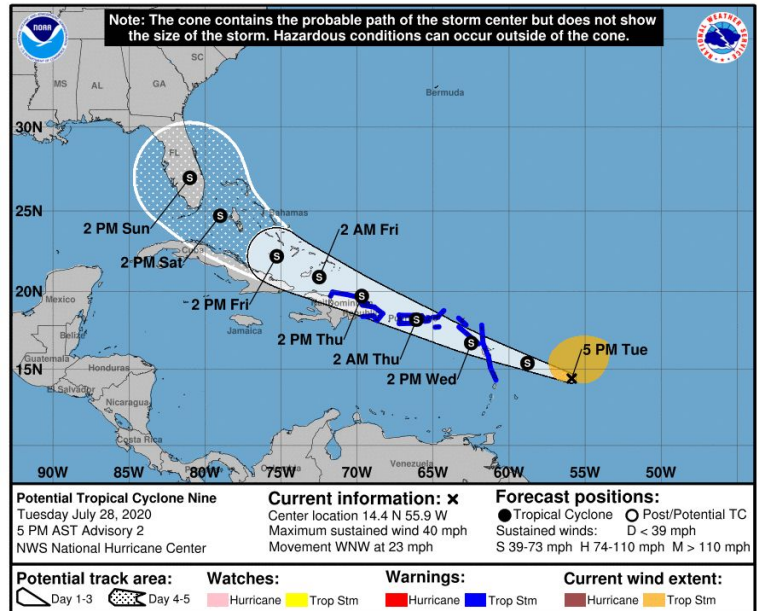
**LOCATION: ABOUT 435 MILES  
ESE OF THE LEEWARD ISLANDS**

**MAXIMUM SUSTAINED WINDS: 40  
MPH...65 KM/H**

**PRESENT MOVEMENT: WNW OR  
285 DEGREES AT 23 MPH**

**TROPICAL STORM WARNING IN  
EFFECT FOR CDEMA PSs:**

- **ANGUILLA**
- **ANTIGUA & BARBUDA**
- **BRITISH VIRGIN ISLANDS**
- **DOMINICA**
- **MONTserrat**
- **ST. KITTS & NEVIS**



## NHC Update

According to the National Hurricane Center (NHC) in Miami, Florida, as of 5:00 PM (AST) on July 28, 2020, the disturbance was centered near latitude 14.4 North, longitude 55.9 West. The system is moving toward the west-northwest near 23 mph (37 km/h), and this general motion with some slight reduction in forward speed is expected over the next few days. On the forecast track, the system is expected to move through the Leeward Islands on Wednesday, near or over the Virgin Islands and Puerto Rico Wednesday night, and near or over Hispaniola on Thursday.

Maximum sustained winds are near 40 mph (65 km/h) with higher gusts. Some strengthening is expected during the next 48 hours, and the system is forecast to become a tropical storm tonight or Wednesday.

Environmental conditions are expected to be conducive for additional development and a tropical storm is forecast to form tonight or Wednesday.

\* Formation chance through 48 hours...high...90 percent

\* Formation chance through 5 days...high...90 percent

Tropical-storm-force winds extend outward up to 230 miles (370 km) primarily to the northeast of the center.

The estimated minimum central pressure is 1007 mb (29.74 inches).

## 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.*

The Caribbean Institute for Meteorology and Hydrology (CIMH) is closely monitoring this system as it continues on its trajectory towards the Lesser Antilles. CIMH has provided the below weather update as at Tuesday, July 28, 2020.

**Weather** - Potential Tropical Cyclone Nine, remains a broad area of showers and thunderstorms but it projected to move over the Leewards islands by Wednesday 29th July, 2020 as a Tropical Storm. Frequent showers and thunderstorms are expected to extend over the Eastern Caribbean islands with some induced showers over Trinidad and Tobago, Barbados and the Windward Islands. However, heaviest showers/thundershowers are expected over the Northern Leeward islands.

**Winds** - Strong winds will accompany heavy thundershowers. Environs will also experience strong winds. It is expected that there could be tumbling and rolling of unsecured objects, falling limbs and trees and possible damage to power lines.

**Rainfall/Flood** - Heavy rainfall with up to 6 to 8 inches (150 - 200 mm) is expected across the Eastern Caribbean (especially the northern Leeward Islands) that could lead to flash floods and landslides resulting in debris flows that can cause disruption to water supplies, electric utilities and road networks. The current dry conditions across the Eastern Caribbean in addition to steep topography in some islands are likely to exacerbate flooding and landslides.

**Seas** – Moderate to rough with wave heights in excess of 5 metres extending through the island chain are expected with 6+ meters near the Leeward islands in open waters. Sea spray, choppy seas and large breaking waves in open waters. Beach operations should be halted and vessels secured.

For a more thorough description of possible impacts go to: [Wind](#), [Severe Convection](#), [Rainfall](#)

## Caribbean Disaster Emergency Management Agency (CDEMA) Actions

- The RRM and RCC remains activated to provide joint coordination of the regional preparedness and response planning operations.
- The RCC established communications with the Participating States under threat from Potential Tropical Cyclone Nine to gain a sense of their preparedness.
- The Regional Response Teams have been placed on ALERT! The RCC has commenced administrative and logistical arrangements for the possible deployment of teams should this become necessary.
- The first meeting of the Caribbean Development Partners Group (CDPG) for Potential Tropical Cyclone Nine was convened on July 28, 2020 at 1:00 PM. The partners received a briefing from the Caribbean Institute of Meteorology and Hydrology (CIMH), CDEMA, CARICOM Institutions present, and the UN Regional Partners
- CDEMA has developed an Operational Planning Guide for planning purposes to guide potential responses to states.
- CDEMA continues to refine the regional deployment protocols for a multi-hazard scenario.
- CDEMA will continue to monitor the progress of the system and provide updates as information becomes available.