

Tropical Storm Franklin

INFORMATION NOTE No. 1

AS OF 8:00 PM PM (AST) ON AUGUST 21, 2023

Synopsis

LOCATION: 14.3 N 70.1W about 290/465 km miles south of Dominican Republic

MAXIMUM SUSTAINED WINDS: 50 MPH (85KMH)

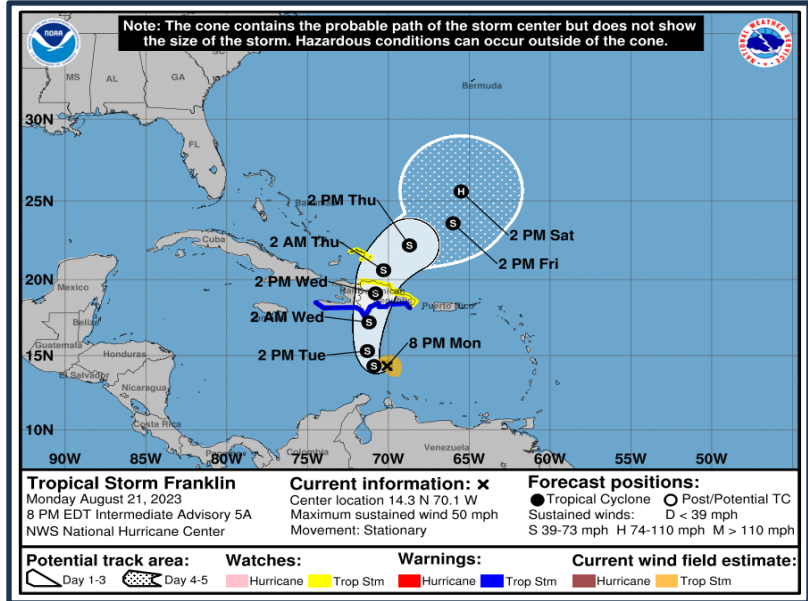
PRESENT MOVEMENT: Stationary

A TROPICAL STORM WARNING IS IN EFFECT FOR...

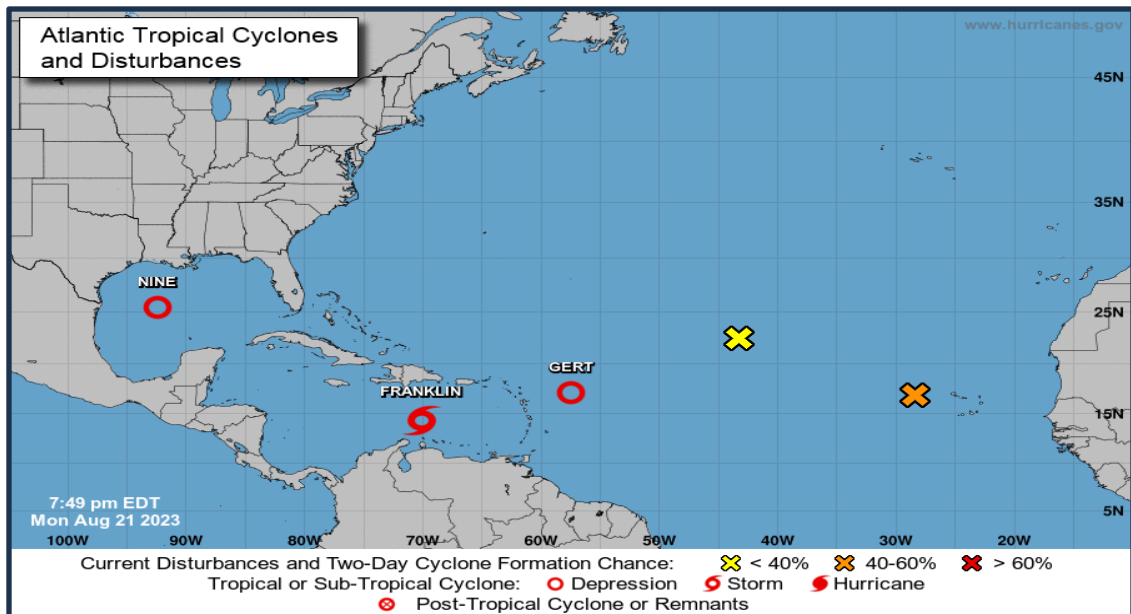
- Haiti

A TROPICAL STORM WATCH IS IN EFFECT FOR...

- Turks and Caicos



Atlantic Tropical Cyclones and Disturbances August 21, 2023, 6:30 PM



Source <https://www.nhc.noaa.gov>

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.

WIND: Tropical Storm conditions are expected to begin within the warning areas on Tuesday August 22, 2023, and are possible within the watch area beginning Tuesday, August 22, 2023, into Wednesday, August 24, 2023. Franklin is projected to strengthen over the central Caribbean Sea and track towards Hispaniola. Damage to infrastructure is possible due to Tropical Storm force winds. There is some uncertainty in the strength and track of TS Franklin on approach to Hispaniola. The high wind risk may be exacerbated during a night-time landfall. A reduction in strength is expected due to the terrain.

RAINFALL: Franklin is expected to produce rainfall amounts of 5 to 10 inches, with isolated higher amounts up to 15 inches, across portions of Hispaniola. Rainfall related impacts include the potential for life threatening flash flooding, riverine flooding, mudslides and landslides especially within the southern provinces/ regions of Haiti. Regardless of track and intensity, associated rainfall is expected to impact Hispaniola Tuesday into Wednesday. The rainfall risk to persons may be exacerbated during a night-time landfall.

STORM SURGE: A storm surge will raise water levels by as much as 1 to 3 feet above ground level along the immediate coast and to the east of where the center makes landfall in Hispaniola. There is a high likelihood of significant coastal impacts along the immediate coast particularly to the east of where the center makes landfall. Seas are expected to be very rough along the southern coast of Hispaniola with the possibility of significant damage to vessels in port.

Caribbean Disaster Emergency Management Agency (CDEMA) Actions

Actions undertaken by the CDEMA CU:

- The Regional Coordination Plan (RCP) was activated as of 5:00 p.m. Sunday, August 20, 2023.
- The Regional Response Teams (CDRU, COST, CDAC, RNAT, RSART) have been placed on ALERT.
- CDEMA CU has reached out to the Participating States currently under threat for an update on their preparedness actions.

Caribbean Disaster Emergency Management Agency (CDEMA) Actions continued...

Actions undertaken by the CDEMA CU:

- The Caribbean Development Partners Group (CDPG) convened a meeting at 3:00 PM, today, August 21, 2023.
- The Caribbean Institute for Meteorology and Hydrology (CIMH) provided a brief to the CDPG on the hydro-meteorological hazard threats associated with Tropical Storm Franklin.
- The CDEMA CU in collaboration with the CIMH and the wider RRM Partners will continue to monitor the progress of Tropical Storms Franklin and provide updates as necessary.

Update from Participating States

In summary, the CDEMA Participating States under threat by TS Franklin reported:

HAITI

- The Government of Haiti was briefed on the threat from TS Franklin.
- The National Emergency Operations Centre (NEOC) is partially activated, at level yellow (moderate level). The Civil Protection Agency along with the Haiti Meteorological Office continue to monitor the threat from TS Franklin and will increase the alert level as necessary. This in turn will trigger an increase in the NEOC activation level – partial to full.
- Public awareness on the threat from TS Franklin is ongoing, particularly for persons living in coastal and flood prone areas.
- A meeting of the Humanitarian Team was convened to discuss the availability of resources, and the mapping of the available resources and assets.

Challenges Identified:

- i. The high rainfall forecast, and slow movement of the storm may result in severe flooding, landslides and mudflows.
- ii. Security challenges have hindered the efforts of the humanitarian actors to preposition relief items in the vulnerable areas.
- iii. unavailability of adequate emergency shelter for the vulnerable population.
- iv. Limitations with logistics and transportation.

Partner Updates

UN OCHA – Haiti

- Continue to provide coordination support to Civil Protection Agency
- Provided support with the mapping of available assets and resources at the national level
- Able to mobilize surge capacity through the regional office if needed.

IFRC

- Maintains a stockpile of relief items for across the region.
- Maintains communication with the national Red Cross Societies across the region.
- Remain on standby to provide support through their rapid response personnel and emergency response fund, if needed.

Global Support & Development (GSD)

- Continues to actively monitor the progress of TS Franklin in the region
- Response experts are on standby to assist, if needed.
- The humanitarian vessel – MV Dawn is currently in Antigua and Barbuda and can be mobilized within 48 hrs to Hispaniola, if needed.

IOM Caribbean

- Continue to support the mission in Haiti.
- Have available considerable relief items in Haiti.
- Provide support to the Civil Protection Agency with the prepositioning of relief supplies in the southern regions.

The CDEMA CU along with the National Disaster Offices and the RRM partners continues to monitor the progress of Tropical Storm Franklin and will provide updates as necessary.