

# Hurricane Erin

## INFORMATION NOTE No. 2

AS AT 8:00 PM (AST) ON AUGUST 17th,  
2025

### Preparations Intensify as Hurricane Erin Approaches TCI and Southeast Bahamas

**Tropical Storm Warnings** are in effect  
for :

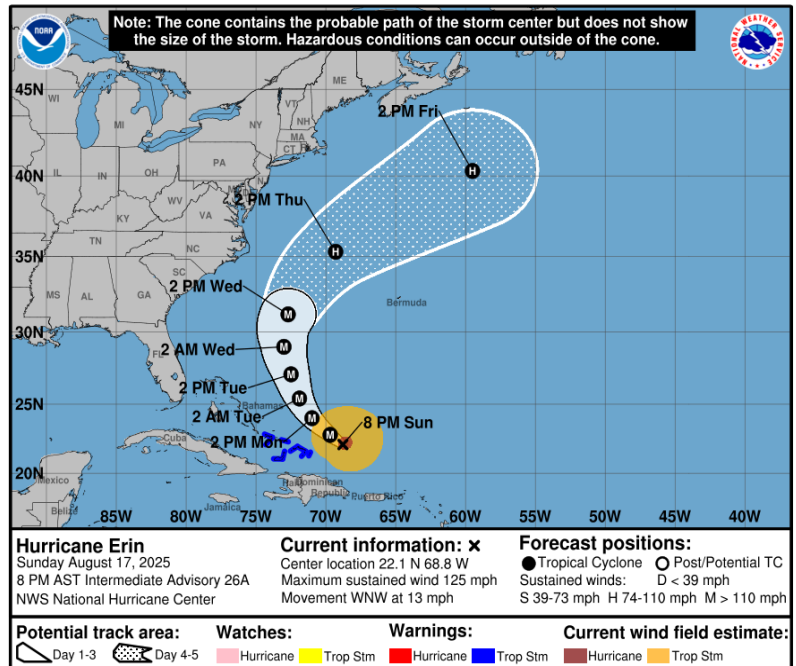
- Turks and Caicos Islands
- Southeast Bahamas

**LOCATION:** 22.1 N 68.8W about 155 MI  
or 245 KM ENE of GRAND TURK  
ISLAND

**MAX SUSTAINED WINDS :** 125 MPH (205  
KM/H)

**MIN CENTRAL PRESSURE:** 946 MB  
(27.94 INCHES)

**PRESENT MOVEMENT:** WNW OR 300  
DEGREES AT 13MPH (20 KM/H)



Source: <https://www.nhc.noaa.gov/> at 8:00 PM 20250817

### National Hurricane Centre Update (NHC)

Hurricane Erin remains a major hurricane with sustained winds near 125 mph and is expected to strengthen slightly as it turns northward in the next 48–72 hours. Tropical-storm-force winds extend 175 miles from the center, placing the Turks and Caicos Islands and the Southeastern Bahamas at highest risk. From Sunday night through Tuesday, these areas may experience damaging winds, 4–8 inches of rainfall, flash flooding, storm surge of 2–4 feet, and dangerous marine conditions. While Erin is forecast to avoid direct landfall, its large wind field will produce hazardous impacts well beyond the center.

Life-threatening marine impacts, including rough seas, large swells, and rip currents, will extend well beyond the storm's passage and may significantly disrupt air and sea transport. Localized power outages, interruptions to water services, and delays in relief operations are also possible.

## Bahamas Department of Meteorology's Analysis

A Tropical Storm Warning remains in effect for Southeast Bahamas and the Turks and Caicos Islands. This includes the islands of Inagua, Mayaguana, Acklins, Crooked Island, Samana Cay, Long Cay, and The Turks and Caicos Islands. The center of Hurricane Erin is expected to pass east of the Turks and Caicos Islands (TCI) and the Southeast of the Bahamas from Sunday night, August 17 through Monday, August 18, 2025.

While Erin continues to grow in size, fluctuations in intensity are likely over the next 24–48 hours due to inner-core structural changes. Residents in TCI should prepare for the onset of tropical storm conditions late Sunday night into early Monday morning, while communities in the Southeastern Bahamas could begin to experience similar conditions from Monday morning.

Forecast impacts include:

- Feeder bands producing showers and thunderstorms accompanied by gusty winds up to tropical storm strength (35 knots / 40 mph)
- Heavy rainfall of 3 to 6 inches, with isolated totals up to 8 inches, increasing the risk of flash flooding
- Occasional tornadic activity and hail embedded within convective bands

Dangerous swells generated by Erin are now affecting the Turks and Caicos Islands and the Southeast Bahamas and will spread into the Central and Northwest Bahamas on Monday and Tuesday. Mariners should remain in ports until the end of the week as the seas could become extremely rough and dangerous during the swells.. Residents in Central Bahamas, particularly those in San Salvador, should closely monitor advisories issued by the Bahamas Department of Meteorology and be prepared for possible Tropical Storm conditions in the coming days.

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

*Disclaimer: The CIMH provides special weather interpretation of the forecasted tropical weather affecting the Caribbean Region and is NOT an official forecasting agency.*

CIMH complemented the presentation from the Bahamas Department of Meteorology with an interpretation of Numerical Weather Prediction (NWP) models for Hurricane Erin.

- Rainfall: Bands are expected to affect the Northern Leeward Islands, Virgin Islands, Turks and Caicos Islands (TCI), and Haiti over the next 24–48 hours. Heavier rainfall is projected south of Erin's core. Haiti is likely to experience heavy rainfall between Sunday and Monday.
- Winds: Projections indicate Tropical Storm–force winds in TCI beginning Sunday evening, with possible extension into the Southeastern Bahamas.
- Marine Conditions: The CIMH WaveWatchIII model forecasts significant wave heights of 3–4 meters from Sunday into Monday. This will create rough seas and dangerous conditions in open waters, with potential coastal inundation on Grand Turk, Salt Cay, and parts of North and East Caicos, particularly during high tide.

Impact Assessment:

- Wind (TCI & Southeastern Bahamas): Medium likelihood; potential impact is significant.
- Marine Conditions: Medium likelihood; potential impact is significant.
- Rainfall (BVI, Haiti, TCI & Southeastern Bahamas): Low likelihood; potential impact is significant.

# Updates from the Participating States



## TURKS AND CAICOS ISLANDS

### Report from the Department of Disaster Management and Emergencies (DDME)

- The Bahamas Meteorological Office is working closely with the Department of Disaster Management and Emergencies (DDME) to monitor Hurricane Erin and forecast its potential impacts.
- Emergency Operations Centers (EOCs) are fully activated in Grand Turk, Salt Cay, and South Caicos and partially activated in North Providenciales and Middle Caicos.
- Emergency Shelters have been activated across the islands, with military support provided for their setup and reinforcement.
- Authorities anticipate a medium probability of tropical storm-force winds and rainfall across most islands, and a 60–80% likelihood in the eastern islands.

#### Operational Support:

- Military forces deployed to assist with shelter and EOC setup.
  - The Public Works Department is engaged in clearing drains and wells and are supporting shelter readiness.
  - Key government agencies are distributing sandbags to households and businesses.
  - The UK Joint Forces have completed assessments of essential facilities and infrastructure to inform response planning.
- DDME continues to disseminate advisories and preparedness messages through radio, social media, and its alert app.



## THE COMMONWEALTH OF THE BAHAMAS

### Report from the Disaster Risk Management Authority of The Bahamas

- The Prime Minister and Leader of the Opposition were briefed on the evolving situation.
- The National Emergency Operations Centre (NEOC) was partially activated at 12:00 PM on August 17, 2025, to support operations in the Southern Family Islands.
- Island Administrators in Inagua, Mayaguana, Acklins, Crooked Island, and two smaller Cayes were briefed.
- Disaster Risk Management Consultative Committees (DRMCCs) were placed on standby to manage potential threats.
- No shelters have been activated; however, listings were available for activation as required.
- A media briefing was held at 12:30 pm on August 17, 2025, to provide updates to the public.
- A situational briefing was also provided to the Northwestern Sub-Regional Focal Point, the Office of Disaster Preparedness and Emergency Management (ODPEM) in Kingston, Jamaica.
- The Early Warning System (EWS), utilizing SMS alerts, was successfully launched at 10:30 AM on August 17, 2025.
- The Bahamas Department of Meteorology continues to monitor the movement of Hurricane Erin.

# Situation Reports from Impacted Participating States



## THE BRITISH VIRGIN ISLANDS

### Report from Department of Disaster Management (DDM)

The National Emergency Operations Centre (NEOC) was not activated; however, between Saturday night and early Sunday morning, August 17, 2025, heavy rainfall of approximately nine inches was recorded. This resulted in widespread flooding in the capital; however, the floodwaters have receded.

No significant structural damage was reported; however, impacts included flooded homes, mudslides, and road blockages were reported. One shelter was opened in Anegada, accommodating 10 people.

High wind gusts of 45–50 mph caused electricity outages; however, power was restored to most areas shortly thereafter. The main international airport remained operational, while satellite airports, including Anegada, were closed. The seaport remained closed due to continued rough sea conditions.

### Updates from the CDPG Thematic Working Groups (TWG)

Updates from the Caribbean Development Partners Group (CDPG) meeting of Friday, August 17, 2025, remain unchanged, with partners reaffirming their commitment to provide support as required. Additional updates were provided by the following Thematic Working Groups (TWGs):

#### Coordination Thematic Working Group:

- The 2<sup>nd</sup> Caribbean Development Partners Group (CDPG) meeting was held today, August 17 at 1:00 PM.
- CDEMA and UN OCHA continue to coordinate standby regional and international support through the CDPG for threatened Participating States.
- Discussions are ongoing with the threatened States to draft the Operations Plan for potential response under the Regional Response Mechanism (RRM).

#### Relief and Logistics Thematic Group:

- World Food Programme (WFP) is Working with the Bahamas Disaster Risk Management (DRM) Authority to arrange an emergency staging area for the 2025 Hurricane Season.

#### Protection Working Group:

- Remains on standby to provide support, including the potential deployment of the Rapid Needs Assessment Team (RNAT).

#### Pacific Disaster Centre (PDC):

- Continues to provide situational awareness and exposure products to the Multinational Caribbean Coordination Cell (MNCCC).
- Continues to provide regular updates to SOUTHCOM and NORTHCOM regarding the potential impacts on the threatened States.