

Hurricane Erin

INFORMATION NOTE No. 3

AS AT 8:00 PM (AST) ON AUGUST 18th,
2025

Advanced Preparedness and Close Monitoring of Hurricane Erin

Tropical Storm Warnings are in effect for:

- Turks and Caicos Islands
- Southeast Bahamas

Tropical Storm Watch is in effect for:

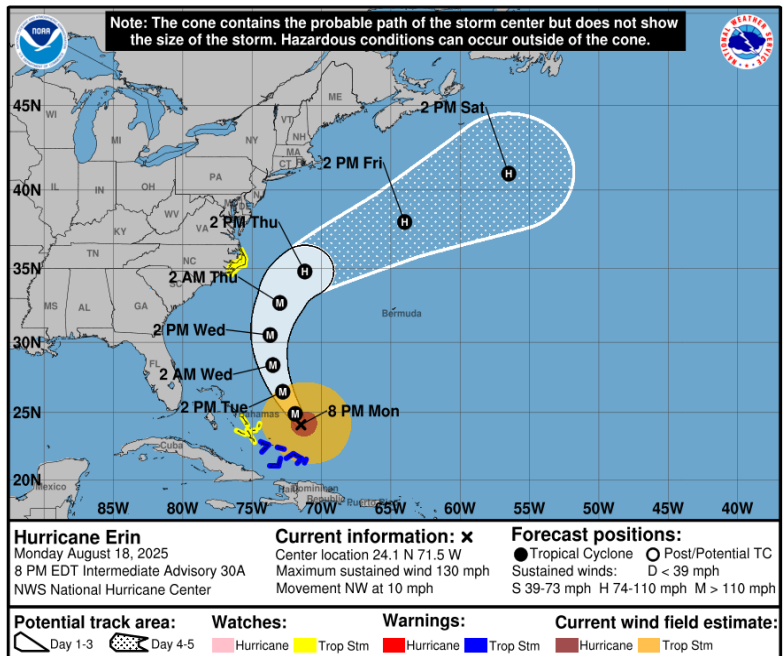
- Central Bahamas

LOCATION: 24.1N 71.5W about 183 MI or
294 KM off GRAND TURK ISLAND

MAX SUSTAINED WINDS : 130 MPH (210
KM/H)

MIN CENTRAL PRESSURE: 947MB (27.96
INCHES)

PRESENT MOVEMENT: NW OR 310
DEGREES AT 10 MPH (17 KM/H)



Source: <https://www.nhc.noaa.gov/> at 8:00 PM 20250818

National Hurricane Centre Update (NHC)

Hurricane Erin remains a powerful major hurricane with maximum sustained winds near 130 mph. For the Turks and Caicos Islands and the Central to Southeast Bahamas, Erin is forecast to bring hazardous weather conditions over the next 24–36 hours. Heavy rainfall bands will continue to affect the Turks and Caicos Islands, the Southeast Bahamas, and parts of the eastern Central Bahamas through Tuesday, with risks of flash flooding and urban flooding. Tropical storm conditions are ongoing in the Turks and Caicos and Southeast Bahamas this evening, while similar conditions are possible in the Central Bahamas tonight into Tuesday.

In addition to wind and rainfall, Erin's expanding wind field will generate dangerous marine impacts. Rough seas, large swells, and life-threatening rip currents are expected along beaches in the impact area and nearby waters, likely disrupting marine transport and posing risks to coastal communities.

Erin's cloud structure has degraded, reducing the likelihood of additional strengthening. However, the storm's wind field has expanded, meaning a wider area will be exposed to hazardous marine conditions even though the center of the system is forecast to remain offshore.

Bahamas Department of Meteorology's Analysis

A Tropical Storm Warning remains in effect for the Southeast Bahamas and the Turks and Caicos Islands, and a Tropical Storm Watch is in effect for Central Bahamas. Residents in the Southeast Bahamas and the Turks and Caicos Islands are experiencing Tropical Storm conditions as the outer bands from Erin pass over these islands. These conditions will continue through the day and begin subsiding tonight. Residents in the Central Bahamas, especially Long Island, Cat Island, Rum Cay and San Salvador could possibly begin to experience similar conditions by Tuesday 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 sea swells of 2-4 ft. Mariners should remain in ports until the end of the week as the seas could become extremely rough and dangerous during the swells.

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.

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

Report from the Department of Disaster Management and Emergencies (DDME) in Turks and Caicos Islands and the Disaster Risk Management Authority of The Bahamas

The Bahamas Department of Meteorology continues to closely monitor the progress of Hurricane Erin and is providing timely technical updates to the Department of Disaster Management and Emergencies (DDME) in the Turks and Caicos Islands and the Disaster Risk Management (DRM) Authority in The Bahamas. Weather conditions have deteriorated across the Turks and Caicos Islands and the Southeast Bahamas, with reports of high swells and impacts to coastal areas and infrastructure. Preliminary reports indicate some damage. Formal damage assessments will commence once the All Clear is issued and details of the impact will be presented in CDEMA's Situation Report #1 – Hurricane Erin.

Updates from the CDPG Thematic Working Groups

The RRM partners remain ready to provide support if required. Additional updates were provided by the following Thematic Working Groups (TWGs):

Protection Thematic Working Group:

- Two new Partners joined the group; CARE International and the Caribbean Gender Alliance, and they both stand ready to provide support where required.

Health Thematic Working Group:

- The group continues to be in close contact with the Ministries of Health in TCI and the Bahamas.
- Reported that an assessment will be conducted for the health team in TCI, once an all-clear is given.