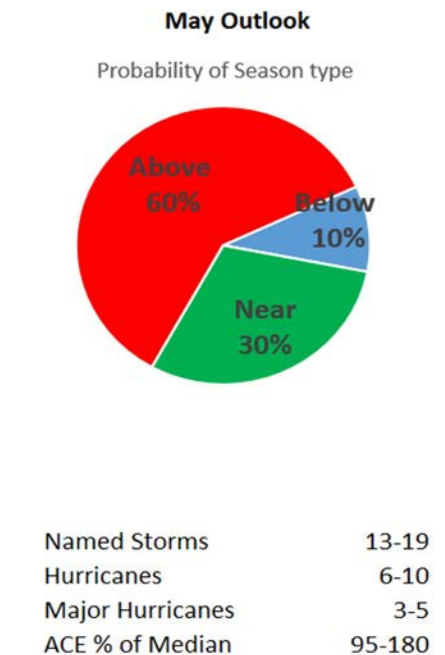
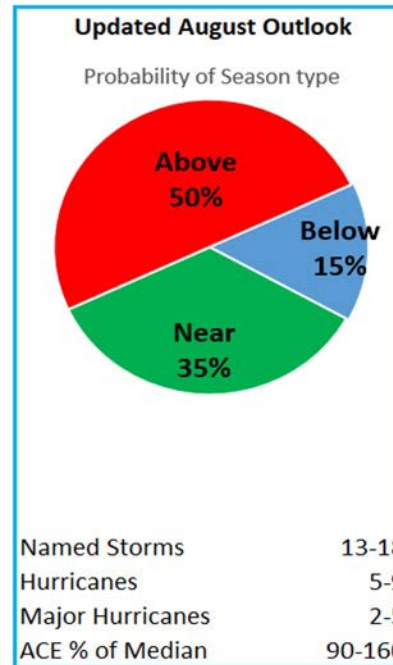




2025 Seasonal Hurricane Outlook



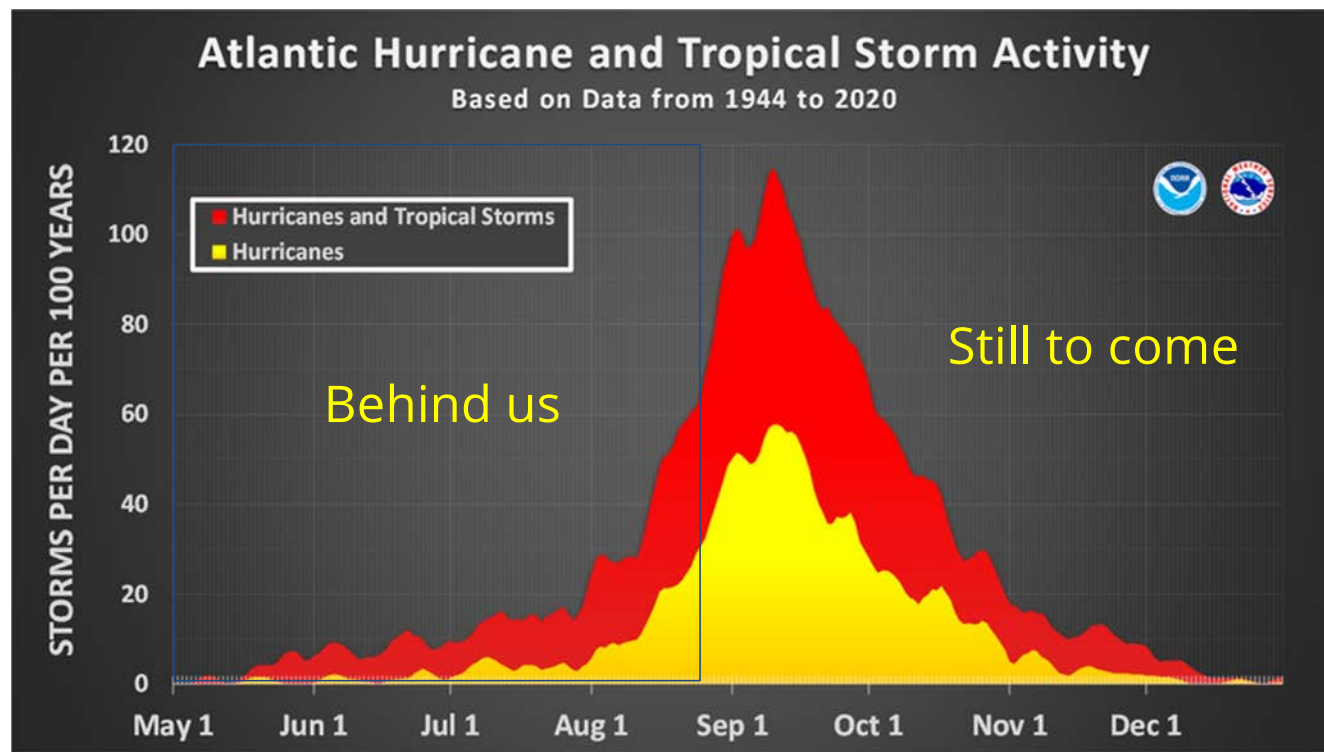
NOAA's 2025 Atlantic Hurricane Season Outlooks



For the Atlantic hurricane season, the updated outlook indicates a 50% chance of an above-normal season, a 35% chance of a near-normal season, and a 15% chance of a below-normal season.

These outlooks are for the overall seasonal activity. They are not a hurricane landfall forecast. Years with similar levels of activity can have very different impact.

2025 Atlantic Hurricane Season Progress



- 6 Named Storms
- 1 Hurricane
- 1 Major Hurricane
- 39% ACE

through 8/26

Through Aug 26th - Normals 5 - NS 2 - H 0.7 - MH



Expected Atlantic Conditions August-October 2025

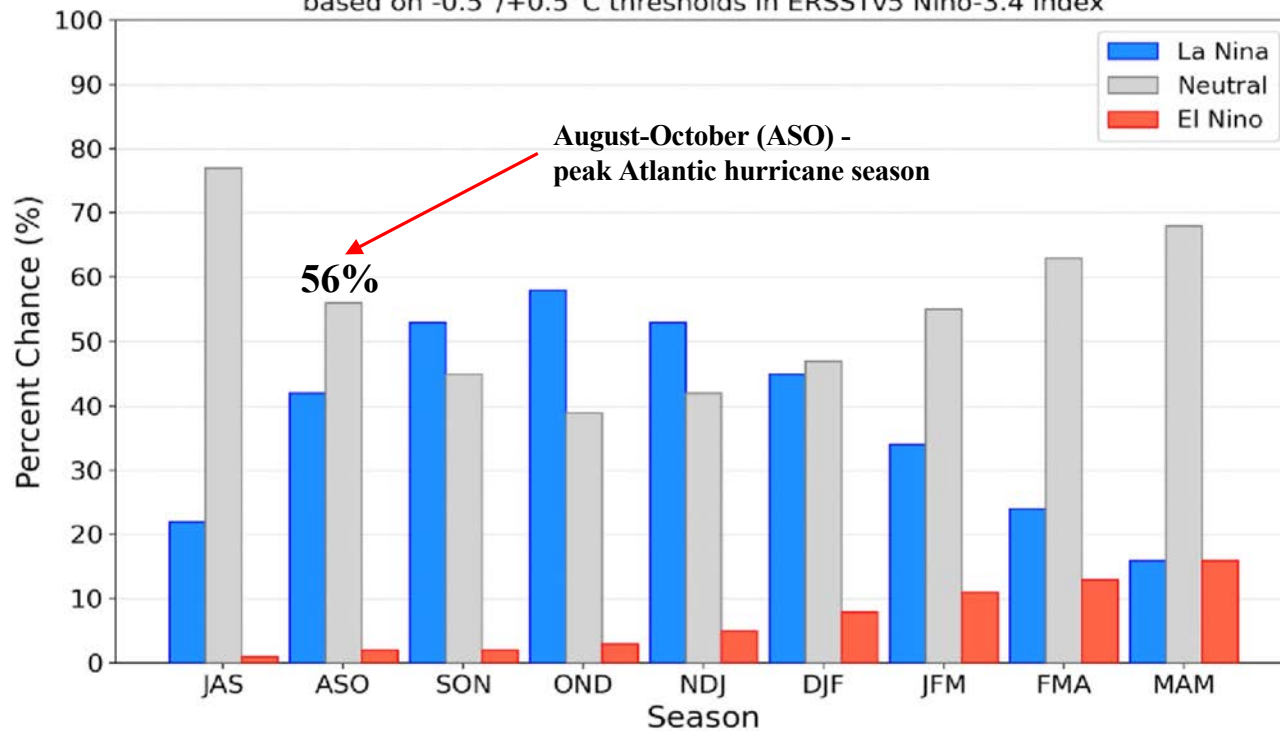
High activity era conditions continue
ENSO-Neutral

Atlantic Main Development Region



Official NOAA CPC ENSO Probabilities (issued August 2025)

based on $-0.5^{\circ}/+0.5^{\circ}\text{C}$ thresholds in ERSSTv5 Niño-3.4 index

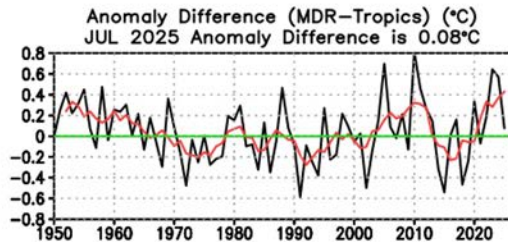
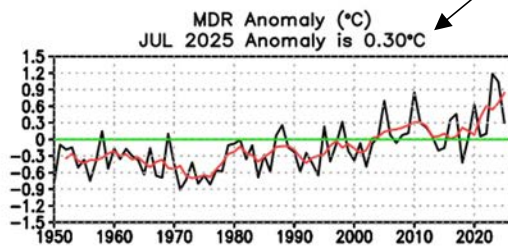
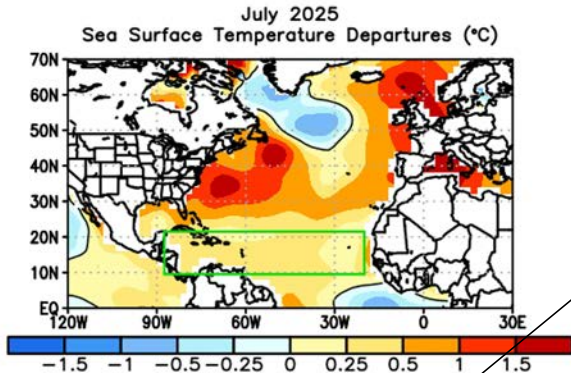


The official NOAA forecast issued in August indicates a 56% chance of ENSO-Neutral during ASO 2025, a 42% chance of La Niña and a 2% chance of El Niño. La Niña watch is now in place for later in 2025.

ENSO-Neutral allows local conditions (which are largely conducive to a busy year) to dictate tropical storm/hurricane activity in the Atlantic, while a La Niña can enhance and extend activity.

Caption: Seasonal probabilities for El Niño (Red bars), ENSO-neutral (Grey bars), and La Niña (Blue bars). Seasons are indicated by their 3-letter abbreviation (AMJ is April-May-June, etc.). This is issued by NOAA's National Centers for Environmental Prediction and NOAA partners.

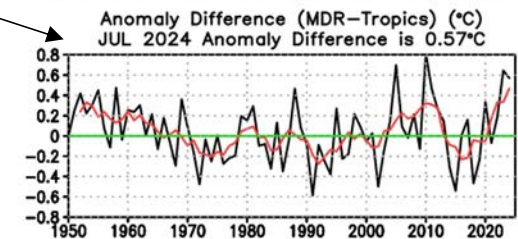
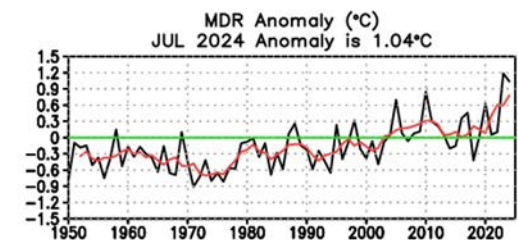
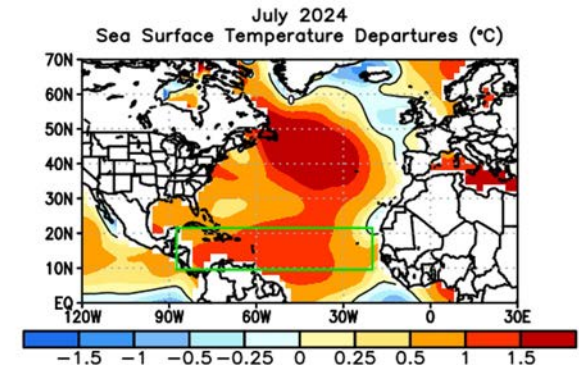
July 2025 vs 2024 SSTA in MDR



Area-averaged SSTs in the MDR were about 0.30 °C above average during July.

SSTAs in the MDR were about +0.08°C (cooler) than those for the global Tropics.

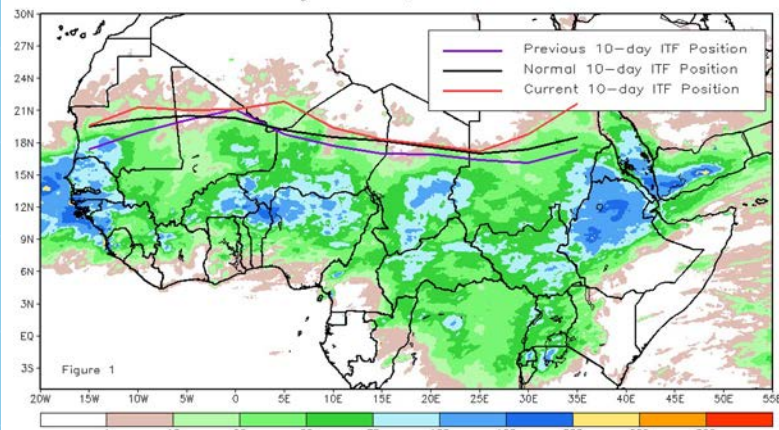
Much cooler than last year.



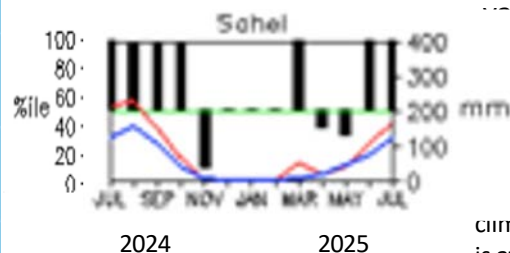
Atlantic Conditions Relevant to Hurricanes



Current vs. Normal Dekadal ITF Position
and RFE Accumulated Precipitation (mm)
August 2025, Dekad 2



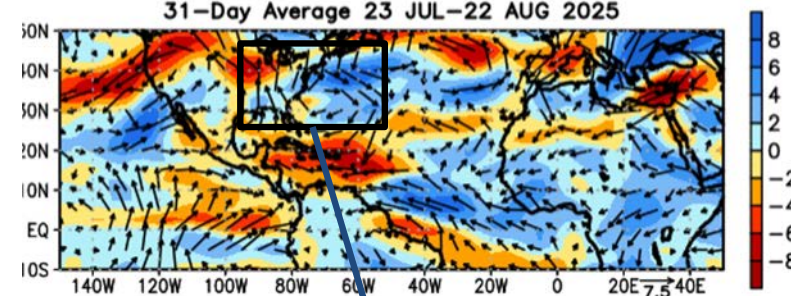
The intertropical front (northern edge of moisture) is now further north than normal across Western Africa.



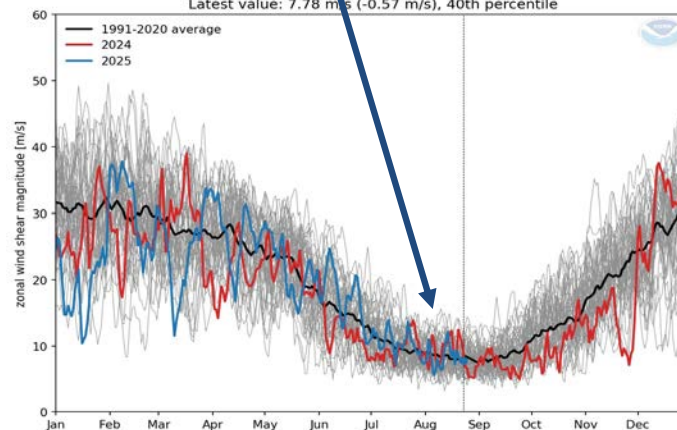
The African Sahel has experienced high variability in precipitation in 2025. June and July were well above-average.

Figure 1: Observed African Sahel monthly area-averaged all percentiles (bars), total rainfall (Red line), and climatology (1981-2010, blue line). Y-axis for percentiles is at left, and for totals is at right.

200–850 hPa Anomalous Vertical Wind Shear
Magnitude and Vector
31-Day Average 23 JUL–22 AUG 2025

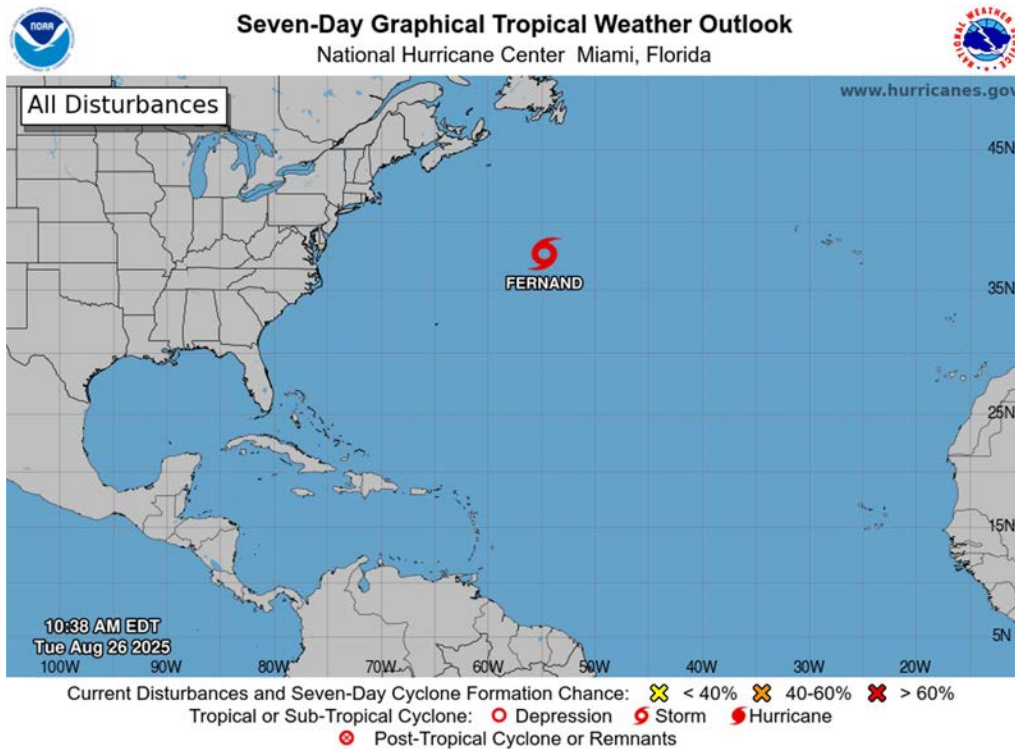


CDAS: Atlantic main development region as of 23-Aug-2025
Latest value: 7.78 m/s (-0.57 m/s), 40th percentile





Next 7 days



Tropical Weather Outlook
NWS National Hurricane Center Miami FL
800 AM EDT Tue Aug 26 2025

For the North Atlantic...Caribbean Sea and the Gulf of America:

Active Systems:

The National Hurricane Center is issuing advisories on Tropical Storm Fernand, located over the central Atlantic.

Tropical cyclone formation is not expected during the next 7 days.

<https://www.nhc.noaa.gov/gtwo.php?basin=atlc&fdays=7>



Next 2-3 Weeks

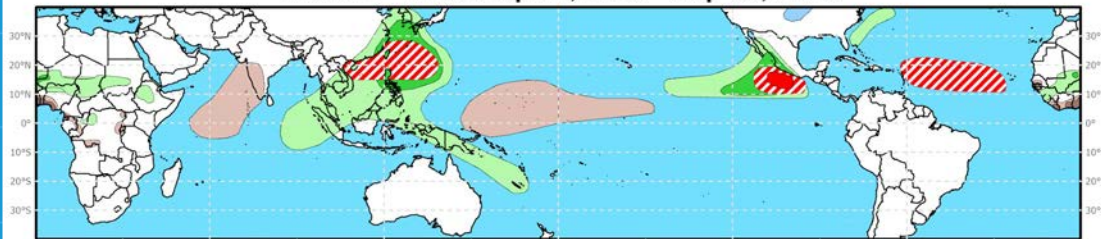


Global Tropics Hazards Outlook

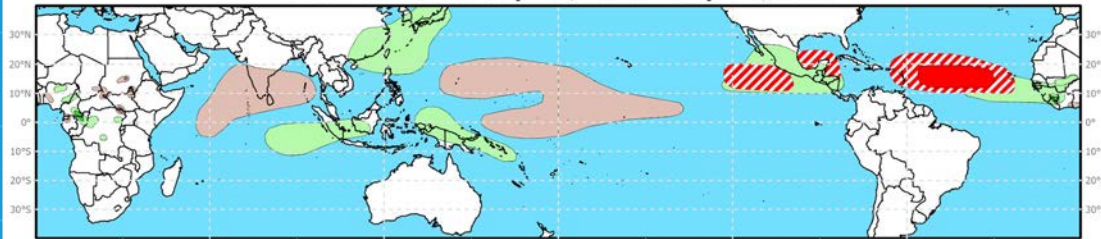
Climate Prediction Center



Week 2 - Valid: Sep 03, 2025 - Sep 09, 2025



Week 3 - Valid: Sep 10, 2025 - Sep 16, 2025

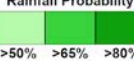


Tropical Cyclone (TC)
Formation Probability



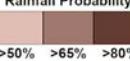
Tropical Depression (TD)
or greater strength

Above-Average
Rainfall Probability



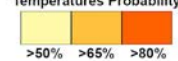
Weekly total rainfall in the
Upper third of the historical

Below-Average
Rainfall Probability



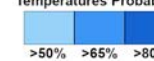
Weekly total rainfall in the
Lower third of the historical

Above-Average
Temperatures Probability



7-day mean temperatures in the
Upper third of the historical

Below-Average
Temperatures Probability



7-day mean temperatures in the
Lower third of the historical

Issued: 08/26/2025

Forecaster: Pugh

This product is updated once per week and targets broad scale conditions integrated over a 7-day period for US interests only. Consult your local responsible forecast agency.

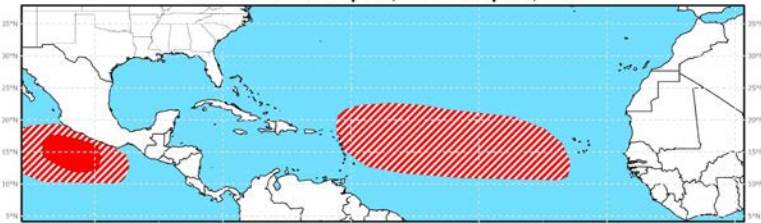


Global Tropics Hazards Outlook

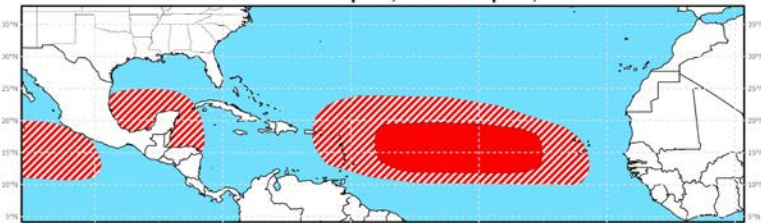
Climate Prediction Center



Week 2 - Valid: Sep 03, 2025 - Sep 09, 2025



Week 3 - Valid: Sep 10, 2025 - Sep 16, 2025



Issued: 08/26/2025
Forecaster: Pugh

Tropical Cyclone (TC)
Formation Probability

Tropical Depression (TD) or greater strength

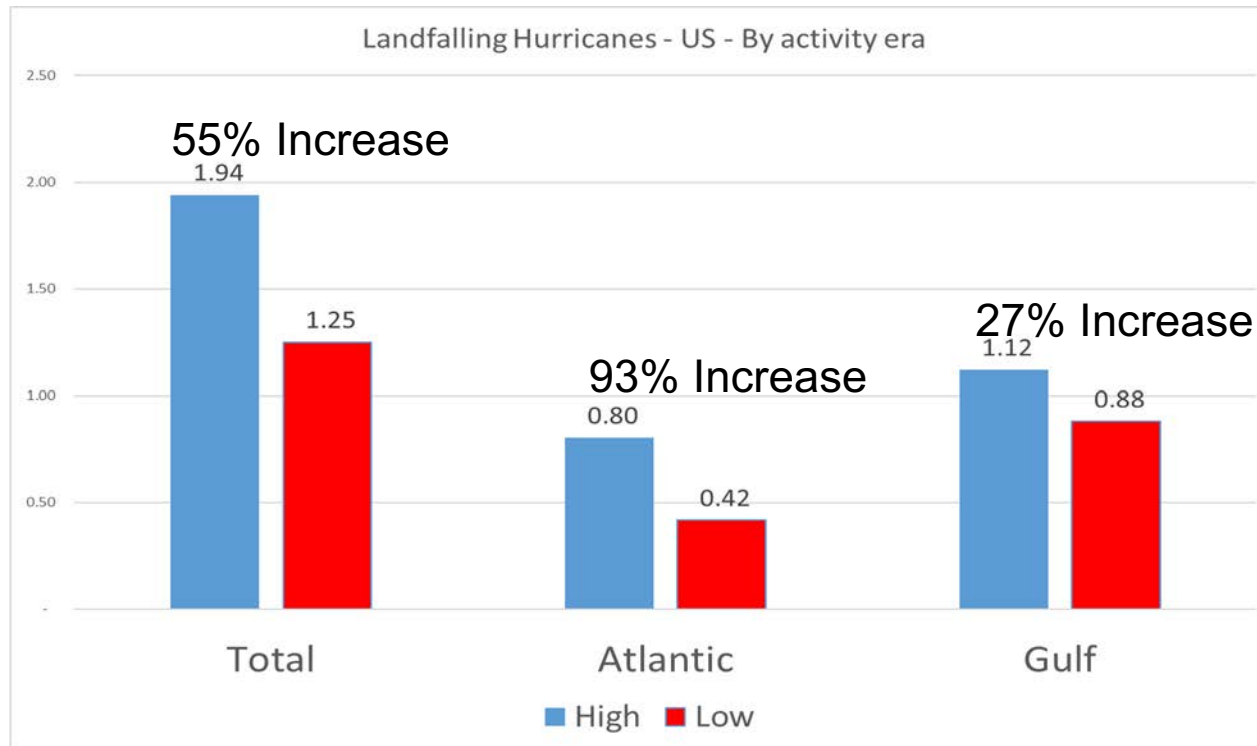


This product is updated once per week and targets broad scale conditions integrated over a 7-day period for US interests only. Consult your local responsible forecast agency.

<https://www.cpc.ncep.noaa.gov/products/precip/CWlink/ghaz/index.php>



Hurricane Landfalls - Activity Era



During high activity eras, largest increase in hurricane landfalls is along Atlantic coast

U.S. sees almost a doubling of seasons with multiple landfalling hurricanes: Occur about every other year compared to about every fourth year.

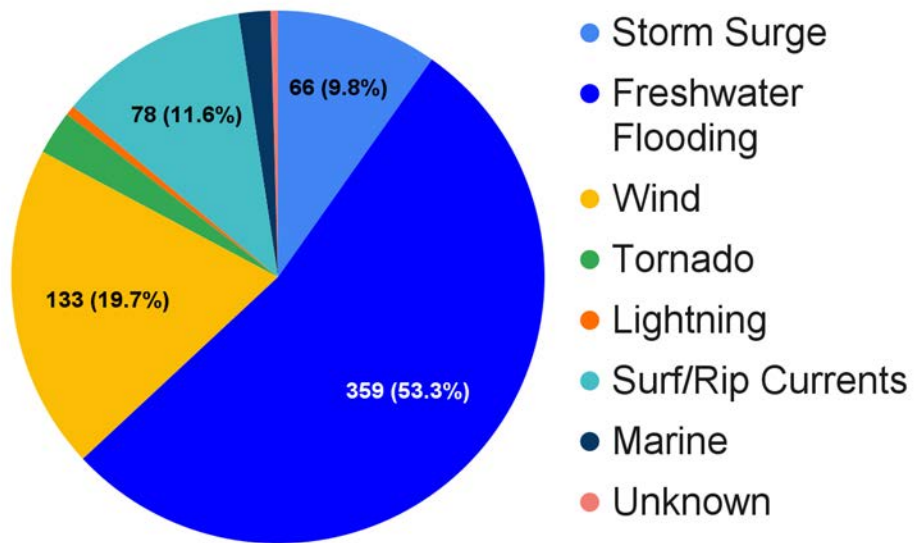
U.S. Hurricane Impacts (2017-2024)



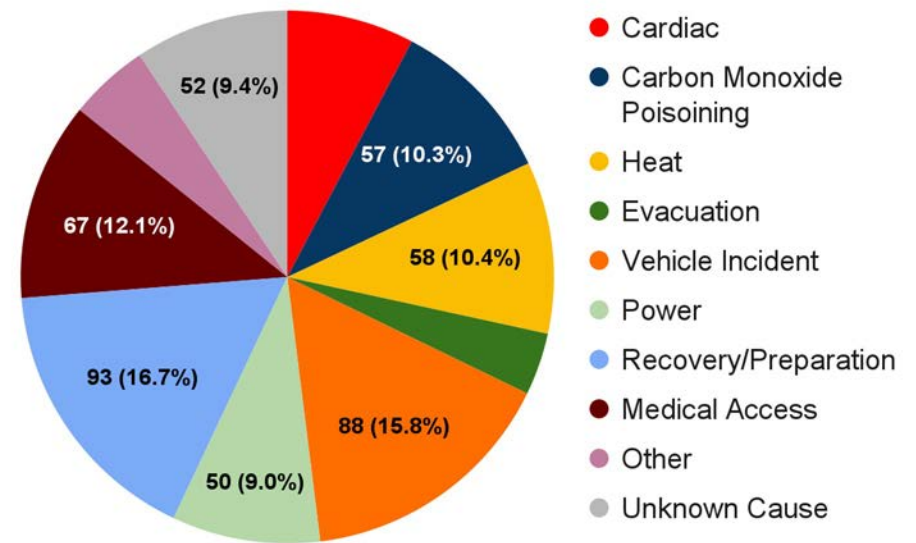
2017-2024 U.S. Landfalling Hurricanes

- 25 hurricane landfalls (11 category 3-5 major hurricanes); additional ~20 tropical storm landfalls
- Around 660 direct fatalities and 560 indirect fatalities (excluding Maria)
- Responsible for over \$807B in damage (more than \$100B per year)

Recent Fatality Trends

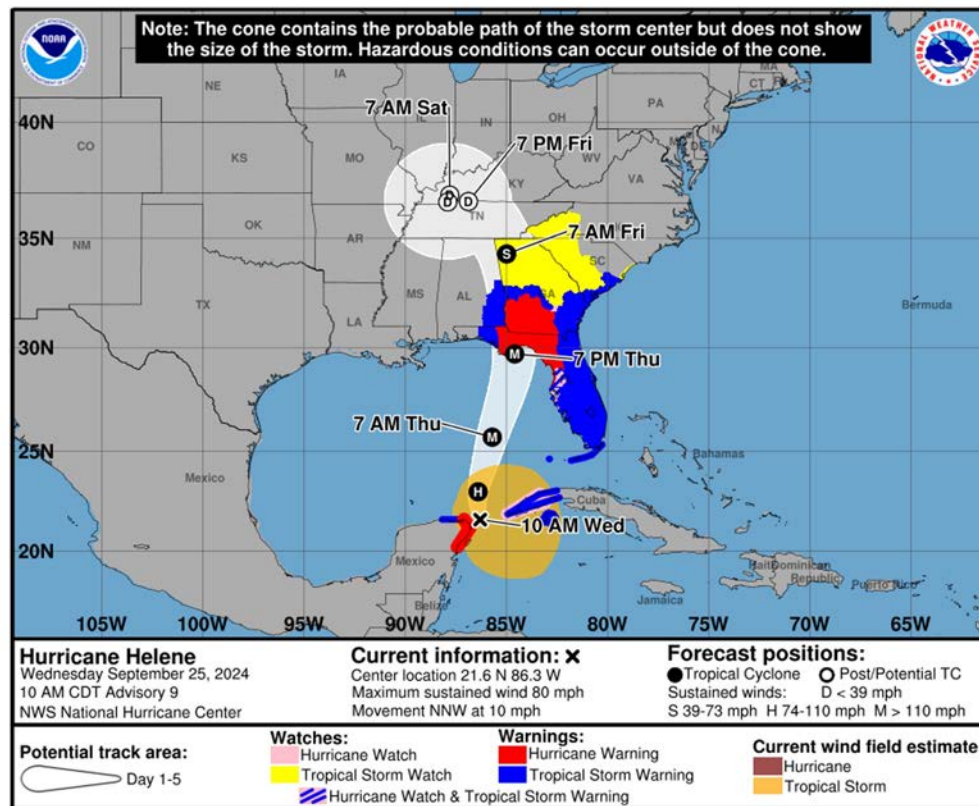


U.S. Direct Hurricane Deaths - 2013-2024
Total: 672



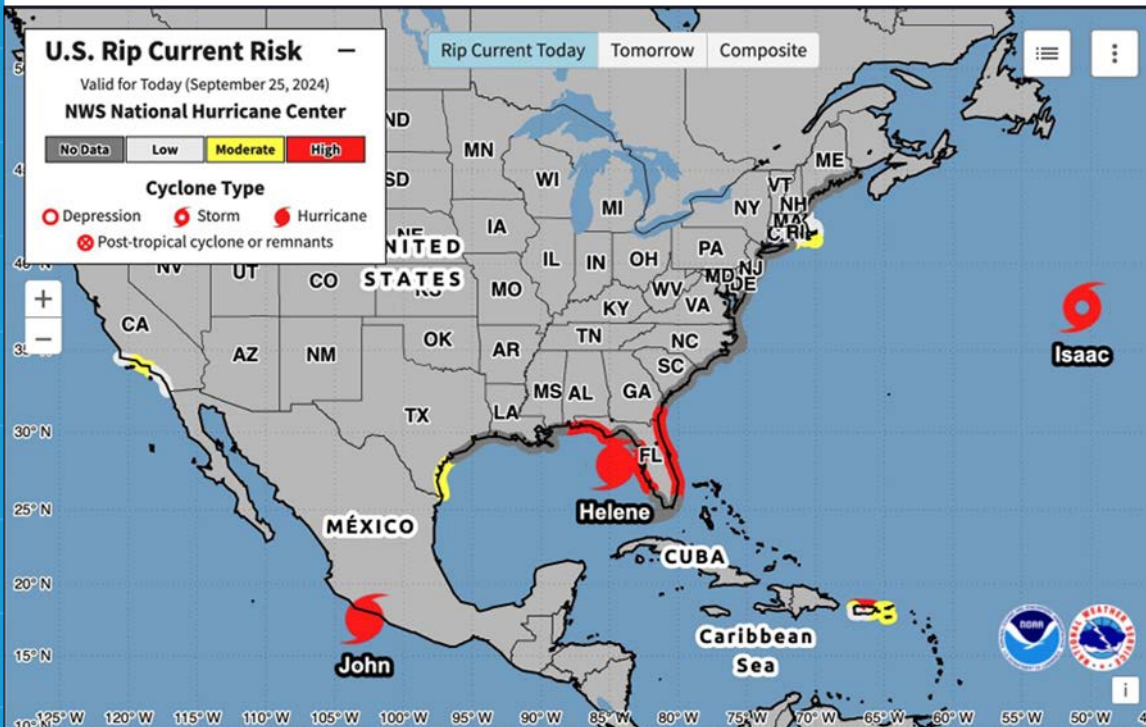
U.S. Indirect Hurricane Deaths - 2013-2024
Total: 556

New for 2025: Depicting Inland Watches/Warnings on Cone Graphic



- Experimental cone graphic depicting inland U.S. tropical storm and hurricane watches and warnings will continue in 2025
- Better conveys wind hazard risk over inland areas
- Feedback and comments will be collected during experimental period

New for 2025: Rip Current Risk Maps



- Rip current and surf zone fatalities have increased in the past decade due to impacts of swells
- National risk map is designed for beach goers to easily view rip current risk provided by the NWS on hurricanes.gov

Potential Tropical Cyclones - Extended Lead Time



- NHC will extend issuance of Potential Tropical Cyclone Advisory Products from 48 h to 72 h prior to the expected arrival of impacts
- A Potential Tropical Cyclone (PTC) is a disturbance that is not yet a tropical cyclone but poses the threat of tropical storm or hurricane conditions to land areas
- This change gives NHC the option to issue forecasts at longer lead times when there is high confidence of significant wind and storm surge impacts to land areas



First NHC advisory for what became Hurricane Helene
Sep. 23, 2024



Summary



The updated ranges are slightly lower than for the May outlook.

- 13-18 Named Storms 5-9 Hurricanes 2-5 Major Hurricanes

Prepare now - save lives later ([Hurricane Preparedness](#), [Ready.gov](#))

- Know your risk - for where you are and what you are doing
- Prepare now - Supplies and plans (travel, evac, communications)
- Know where to get information ([Weather.gov](#), [Hurricanes.gov](#), local NWS office)
- Put your plans in action – protect your home, charge electronics, determine evac
- Stay Protected – Respond to local directives, stay safe from wind and water
- Post storm – be careful during recovery.