

ATLANTIC HURRICANE SEASON 2024

18

Named Storms

Average 14

11

Hurricanes

Average 8

5

Major Hurricanes

Average 3

162

Accumulated Cyclone Energy

33% above

A Unique Hurricane Season

The first system, Tropical Storm Alberto developed on June 19, making it the latest first named storm since 2014.

Hurricane Beryl on July 2 became the earliest ever known Cat 5 hurricane by over two weeks.

For 19 days between August 20 and September 8 not a single tropical depression, storm or hurricane passed through the Atlantic basin waters, the first time this has happened since at least 1941.

The season then resumed with great intensity - 11 named storms, seven hurricanes, and four major hurricanes after September 24, setting numerous records for late-season activity.

More Records in 2024

Record-warm waters and the lowest wind shear on record over the tropical Atlantic helped fuel two Cat 5s more than three months apart – Beryl and Milton – making 2024 the first season since 1919 with two Cat 5 Storms.

An Epic Rainfall Event - Hurricane Helene

Estimated rainfall amounts from Helene across the southern Appalachians had an Annual Recurrence Interval greater than 1000-years meaning there is less than a 0.1% chance of that happening in any given year.

More and Stronger Hurricanes

Helene's landfall was the eighth Cat 4 or Cat 5 Atlantic hurricane landfalls in the past eight years (2017-2024), seven of them being continental U.S. landfalls. That is as many Cat 4 and 5 landfalls as occurred in the previous 57 years.

Hurricane Helene 24 - 27 September

The season's most deadliest and most destructive hurricane. Helene made landfall in Florida's Big Bend Region on 26 September as a category 4 storm with 140 mph (225 kmh) winds and the strongest in history for the region.



At least 243 people lost their lives across 7 states making it the deadliest hurricane to hit the mainland US since Hurricane Katrina in 2005.

Flood damage from the hurricane was catastrophic in western North Carolina with the final damage tally making Helene on of the top 10 most expensive hurricanes on record.

