

2018 ATLANTIC HURRICANE SEASON

JUNE 1, 2018 – NOVEMBER 30, 2018



2018 ATLANTIC TROPICAL STORM/HURRICANE NAMES¹

ALBERTO	HELENE	PATTY
BERYL	ISAAC	RAFAEL
CHRIS	JOYCE	SARA
DEBBY	LESLIE	TONY
ERNESTO	MICHAEL	VALERIE
FLORENCE	NADINE	WILLIAM
GORDON	OSCAR	

- Names are assigned to tropical storms, which are categorized as any storm with sustained wind speeds of 39 miles per hour or more
- The name stays the same if the tropical storm is upgraded to a hurricane
- Tropical storm/hurricane names are assigned in alphabetical order
- Name lists are recycled every 6 years

2019 HURRICANE RISK FOR FLORIDA

- Researchers at Colorado State University believe 2019 will have a slightly below-average hurricane season thanks to El Niño
- They predict 13 named storms, and estimate 5 will turn into hurricanes²
- The researchers believe at least 2 of the hurricanes will be categorized as major hurricanes with wind speeds reaching or exceeding 111 miles per hour



PROBABILITY OF HURRICANE MAKING LANDFALL³

48%

U.S. Coastline

28%

Gulf Coast and Florida Panhandle
West of Brownsville

28%

U.S. East Coast
and Florida Peninsula

39%

Caribbean

AVERAGE HURRICANE SEASONS

12

Tropical Storms

6.5

Hurricanes

2

Major Hurricanes

OTHER PREDICTIONS

70

Days named storms
will be present in
the Atlantic

30

Days hurricanes
will be present in
the Atlantic

7

Days major hurricanes
will be present in
the Atlantic

WHY WILL THIS BE A BELOW-AVERAGE HURRICANE SEASON?

- Colder than normal water in the Atlantic
- More stable atmosphere and drier air will weaken thunderstorm activity, reducing the risk for hurricane development
- The upper-level westerly winds in the Caribbean and tropical Atlantic that are commonly associated with El Niño can disrupt developing hurricanes, preventing them from forming

¹<https://openpilot.com/hurricanes/tropical-storm-hurricane-names/>
²<http://www.colorado.edu/center-for-weather-and-climate/forecasting/2019-hurricane-season>, 1/20/19
³<http://www.noaa.gov/organization/office-of-primacy/2019-2020-hurricane-season>

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