

## Hazardous Weather – Tropical Cyclones

Weather is an important factor that influences aircraft performance and flying safety. As you may already know, the Atlantic hurricane season is from June 1<sup>st</sup> through November 30<sup>th</sup>. This is the period of the year when tropical or subtropical cyclones are most likely to form. The NOAA National Weather Service forecasters predict above-average hurricane activity in the Atlantic basin for 2024. Hurricanes are among nature’s most powerful and destructive phenomena. The primary hazards from tropical cyclones are storm surge flooding, inland flooding from heavy rains, destructive winds, tornadoes, and high surf or rip currents. It is important for pilots and residents to prepare an evacuation plan and prepare properly for these potentially life-threatening storms.

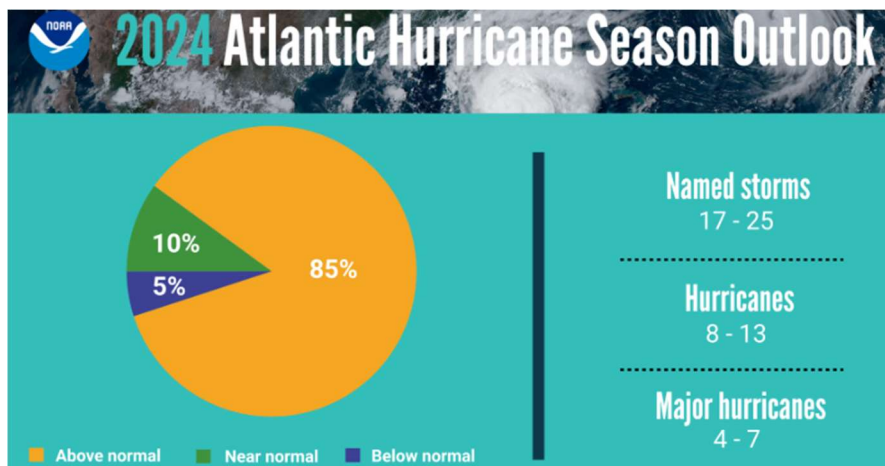
### 5 THINGS TO KNOW ABOUT HURRICANE HAZARD RISKS

- 1 Storm surge is water pushed onshore by the tropical system. It causes the most damage of any of the hurricane hazards.
- 2 Wind from a hurricane can top 200 mph and cause massive damage to buildings in its path.
- 3 Inland flooding caused by heavy rain damages homes and can wash out roadways well away from the coast.
- 4 Tornadoes are common as a hurricane moves ashore. They are not typically long-lived, but they can cause plenty of damage.
- 5 Rip currents and rough seas are common both before and after a hurricane, making swimming or surfing very dangerous.

### 5 THINGS TO KNOW ABOUT HAVING AN EVACUATION PLAN

- 1 Find out if you would need to evacuate. Don't travel hundreds of miles, only far enough away from the evacuation area.
- 2 Plan your evacuation route. Have an alternate route.
- 3 Leave when ordered to do so. Do not wait.
- 4 Communicate your plan with someone not in the storm's path.
- 5 Plan for your pets. Most local shelters do not permit them.

If there is a tropical storm or hurricane forecasted to impact Indian River County or the surrounding areas, the Cherokee Flyers Operations Team will put a maintenance reservation block on the aircraft and work with flight line or service center to store the aircraft in a hangar. During this time club airplanes will not be available for rent or instruction flights.



For more Hurricane Safety Information, visit [www.weather.gov/hurricanesafety](http://www.weather.gov/hurricanesafety)

