

Hurricane Tornado Outbreaks

Several hurricanes in Florida are notorious for their subsequent tornado outbreaks. The similarities between hurricanes and tornadoes are many, and the atmospheric conditions created by hurricanes are notoriously conducive to the generation of tornadoes.



A satellite image of Hurricane Ivan in 2004, showing a well-defined eye and spiral cloud bands over the Gulf of Mexico and the southeastern United States. The landmasses are shown in green and brown, while the ocean is dark blue.

Hurricane Ivan Tornado Outbreak

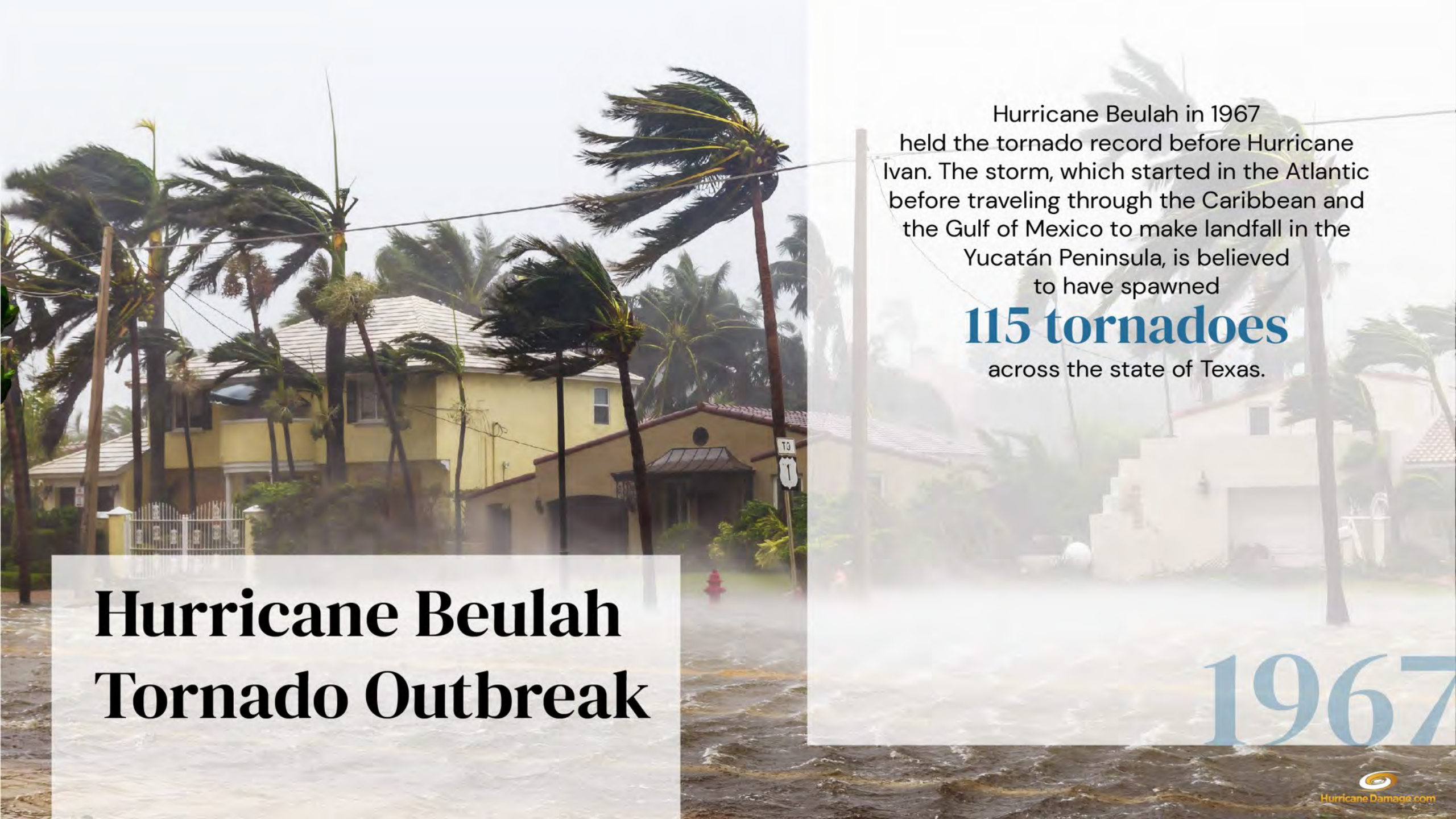
Hurricane Ivan in 2004 took a circuitous route around Florida, first making landfall as a Category 4 in both Alabama and the Florida panhandle. It is believed to have generated

120 tornadoes

in central Alabama, northern Georgia, Virginia, Pennsylvania, Maryland and South Carolina. Virginia saw the most tornadoes with 40.

The storm traveled north of Florida before returning to the Atlantic and swinging back south, with its remnants traveling west over the Florida Keys before dissipating in the Gulf of Mexico.

2004



Hurricane Beulah in 1967 held the tornado record before Hurricane Ivan. The storm, which started in the Atlantic before traveling through the Caribbean and the Gulf of Mexico to make landfall in the Yucatán Peninsula, is believed to have spawned

115 tornadoes

across the state of Texas.

Hurricane Beulah Tornado Outbreak

1967



Hurricane Frances Tornado Outbreak

Hurricane Frances, a 2004 storm, made landfall in Florida twice – once on Hutchinson Island and then again near St. Marks. It didn't weaken to a tropical depression until it exited northern Florida and passed into Georgia and the Carolinas.

It spawned

103 tornadoes

between September 4 and September 8, with South Carolina being most heavily affected.

2004

A satellite image of Tropical Storm Fay, showing a well-defined eye and spiral cloud bands over the Atlantic Ocean. The storm is positioned over the eastern United States, with the coastline of Florida, Georgia, and South Carolina visible. The ocean surface shows some greenish-brown patches, possibly indicating sediment or phytoplankton blooms.

Tropical Storm Fay Tornado Outbreak

Although it never reached hurricane strength, 2008's Tropical Storm Fay spawned

50 tornadoes

throughout Alabama, Georgia, South Carolina, North Carolina and Florida.

2008

Hurricane Isaac Tornado Outbreak

Hurricane Isaac passed over the Florida Keys in 2012, narrowly missing the peninsula. Florida didn't escape entirely unscathed, with tornadoes from Hurricane Isaac forming in Osceola, Jackson, Indian River and Hillsborough.

The hurricane eventually made landfall in Louisiana and drilled north towards the Midwest. Although it weakened considerably, it still spawned

32 hurricanes

in Mississippi, Alabama, Arkansas, Illinois and Missouri.

2012

Tropical Storm Debby Tornado Outbreak

Although 2012's
Tropical Storm Debby wasn't renowned for
its ferocity, it did spawn a tornado outbreak
that went on to cause

\$1.8 million

of damages. Most of the tornadoes, which
formed on June 24 of that year, were in
Florida, including Collier, Palm Beach, Polk,
Hillsborough, Miami-Dade
and Brevard Counties.

2012