

# Debby now a hurricane, threatens Florida, other parts of US southeast

August 5 2024

---



A rain-soaked man in Cedar Key, Florida observes waves kicked up by the winds of Tropical Storm Debby, which is strengthening as it moves through the Gulf of Mexico on August 04, 2024.

Debby strengthened into a hurricane late Sunday as it bore down on

Florida's Gulf Coast with potential for history-making levels of rain and major flooding, prompting evacuation orders.

Debby grew rapidly into a Category One hurricane, the lowest on a five-stage scale, thanks to unusually warm Gulf of Mexico and is expected to slam into Florida's Big Bend region around mid-day Monday.

The National Hurricane Center warned there is a danger of life-threatening storm surges along Florida's Gulf Coast with six to 10 feet (1.8 to 3.0 meters) of inundation above ground level in some areas.

The storm will probably cause catastrophic flooding with "potentially historic [heavy rainfall](#)" when Debby moves northeast across Georgia and South Carolina over the next few days, the NHC said.

"We are looking at potentially really, really significant flooding that will happen, particularly in north-central Florida," Governor Ron DeSantis told an emergency briefing on the storm Sunday.

He and NHC deputy director Jamie Rhome have stressed that Floridians should be making and completing their final emergency preparations immediately.

As of 11:00 pm (2100 GMT), Debby was about 100 miles (160 kilometers) west of Tampa carrying maximum sustained winds of 75 miles per hour and moving north at 12 miles per hour, the advisory said.

As residents rushed to prepare, mandatory evacuations were ordered for part of Citrus County, Florida, with eight other counties under voluntary evacuation orders, local media reported.

"Take the situation seriously," Paul Hasenmeier, Hernando County fire chief and public safety director, told reporters late Saturday. "We know

the water's going to come up as the storm passes."

Debby is expected to dump six to 12 inches of rain in parts of Florida, and as much as 20 to 30 inches in coastal Georgia and South Carolina before the week is over, the NHC said.

The governors of Georgia and South Carolina have declared a [state of emergency](#) ahead of the storm's arrival.

Brennan predicted "multiple days of very, very heavy rainfall"—at possibly record-breaking levels. He said there likely will be severe flash flooding "in areas that don't normally flood."

President Joe Biden on Sunday approved an emergency declaration for Florida, allowing federal aid to be expedited.

DeSantis has activated the state's National Guard, with 3,000 service members on standby to help with [storm](#) response.

© 2024 AFP

Citation: Debby now a hurricane, threatens Florida, other parts of US southeast (2024, August 5) retrieved 27 September 2024 from

<https://phys.org/news/2024-08-debby-hurricane-threatens-florida-southeast.html>

<p>This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.</p>
--