

Informative Bulletin

Information taken from the National Hurricane Center, Miami (FL), from NCEP products inventory and GOES satellites.
Public Advisory 4:00 PM CDT
Aug 16, 2021

Tropical Storm

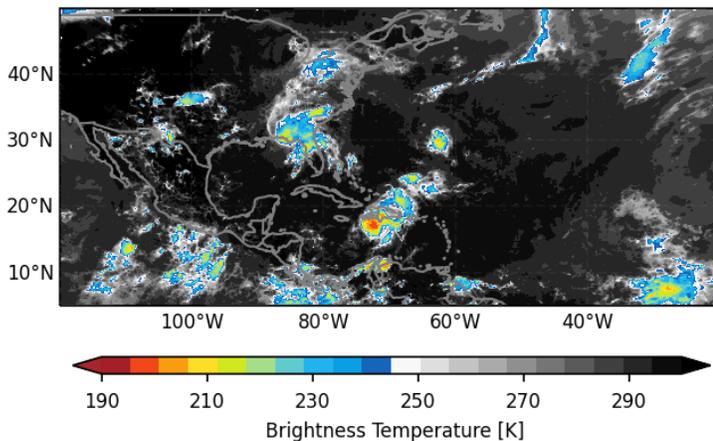
Fred



The National Hurricane Center from Miami, Florida (NHC) **is issuing warnings and watches:**

The Tropical Storm Fred is moving farther inland over the eastern Florida Panhandle.

Satellite imagery (GOES EAST): Areas with low brightness temperature indicate active storm. The lesser the temperature (warmer colors), greater the probability of heavy rainfall.



General Information

Location	29.9 N 85.3 W
Nearest Sites	About 25 mi Northwest of Apalachicola Florida.
Maximum Winds	60 mph
Central Pressure	995 mb
Storm Motion	NNE at 9 mph
Tropical Storm Winds	Outward up to 115 miles from the center.
Hurricane Force Winds	N/A

Tropical Storm

Fred

Warning Issued By the National Hurricane Center



Tropical Storm

WATCHES AND WARNINGS

A Tropical Storm Warning is in effect for:
* Coast of the Florida Panhandle and Big Bend from the Okaloosa/Walton County line to the Steinhatchee River.



Hurricane

WATCHES AND WARNINGS

No current watches or warnings for Hurricane winds.



Storm Surge

WATCHES AND WARNINGS

A Storm Surge Warning is in effect for:
* Coast of Florida from Indian Pass to Yankeetown.

Watches and warnings

A **WATCH** means that an event forecast conditions are possible somewhere within the watch area within some hours.

A **WARNING** means that an event forecast conditions are expected somewhere within the warning area within some hours.



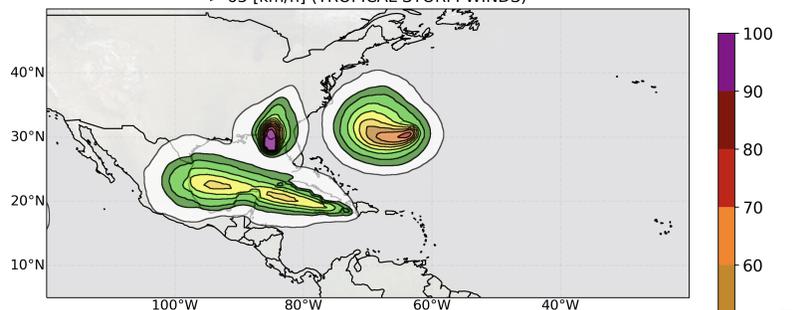
Storm Track Forecast



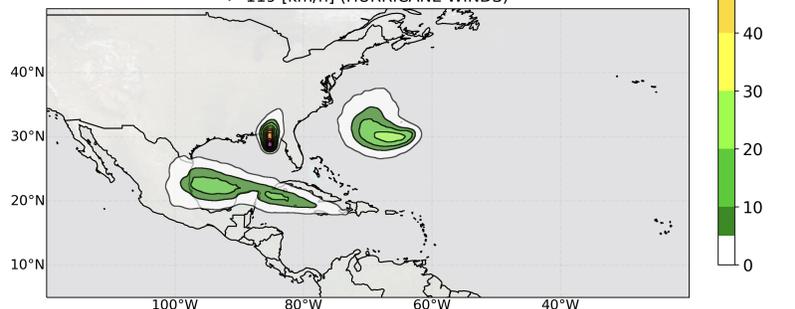
S Tropical storm H Hurricane D Depression Forecast cone

INTENSITY EXCEEDANCE PROBABILITY FOR THE NEXT 120 HOURS.

> 63 [km/h] (TROPICAL STORM WINDS)



> 119 [km/h] (HURRICANE WINDS)



Tropical Storm

Fred



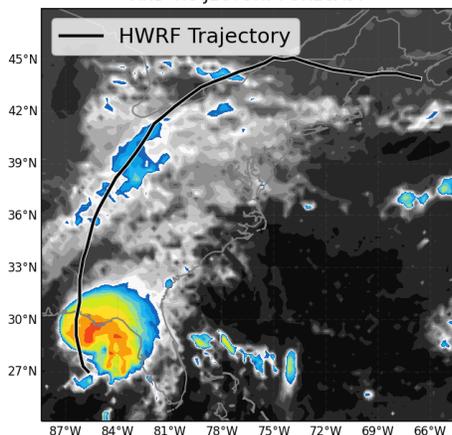
48 hours Forecast Discussion Issued by the National Hurricane Center - Miami, Florida

The Tropical Storm Fred is moving toward the north-northeast, this general motion with an increase in forward speed is expected over the next couple of days.

On the forecast track, Fred will move from western Georgia on tuesday across the southern Appalachian Mountains to West Virginia by wednesday.

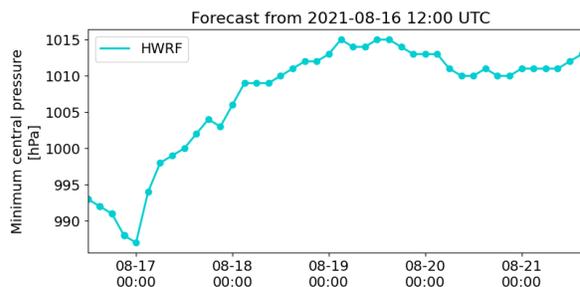
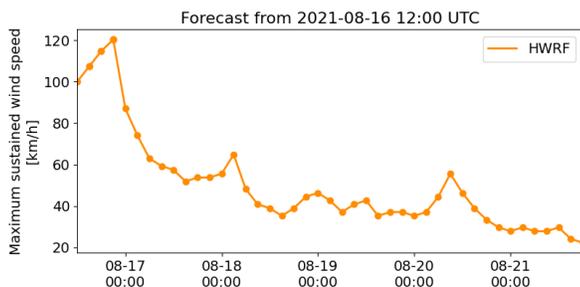
Rapid weakening is expected, and Fred should become a tropical depression by early tuesday.

GOES-16 CURRENT INFRARED SCAN AND TRAJECTORY FORECAST



The lesser the temperature (warmer colors), greater the probability of heavy rainfall.

Cumulative precipitation for the next 5 days. From HWRf model (by NCEP/NOAA).



Maximum sustained wind forecast over the expected trajectory from HWRf model.

Surface pressure forecast at the system center over the expected trajectory from HWRf model.

Tropical Storm

Fred

Hazard to continental and insular soil



Rainfall

The Tropical Storm Fred is expected to produce the following rainfall amounts:

- 

The Florida Big Bend and Panhandle (through tuesday) 4 to 8 inches of rain with isolated maximum storm totals of 12 inches are expected.
- 

Southeast Alabama through western and northern Georgia, and the western Carolinas (through tuesday) 4 to 8 inches of rain with isolated maximum storm totals of 10 inches are expected.
- 

Portions of the Mid-Atlantic States (through wednesday) 2 to 4 inches of rain with isolated maximum storm totals of 6 inches expected as Fred interacts with a nearby front.



Storm Surge

The combination of a dangerous storm surge and the tide will cause normally dry areas near the coast to be flooded by rising waters moving inland from the shoreline.

The water could reach the following heights above ground somewhere in the indicated areas if the peak surge occurs at the time of high tide.

- 

Indian Pass to Steinhatchee River 3-5 ft.
- 

Steinhatchee River to Yankeetown, FL 2-4 ft.
- 

Okaloosa/Walton County Line, FL to Indian Pass including Choctawhatchee Bay and Saint Andrew Bay 1-3 ft.
- 

Yankeetown, FL to Aripeka, FL 1-3 ft.



Wind

Tropical storm conditions will continue in portions of the Tropical Storm warning area for the next few hours.



Tornados

A few tornadoes are possible this evening and tonight across parts of the Florida Panhandle, southwest Georgia, and southeast Alabama. The tornado threat will shift northward into parts of northeast Georgia, the western Carolinas, and southern Virginia on Tuesday.