

BULLETIN

Tropical Depression Chantal Advisory Number 8

NWS National Hurricane Center Miami FL AL032025

1100 AM EDT Sun Jul 06 2025

...CHANTAL MOVING INTO EASTERN NORTH CAROLINA...

...FLASH FLOOD THREAT CONTINUES AS RAINBANDS MOVE ACROSS CENTRAL AND
EASTERN NORTH CAROLINA...

SUMMARY OF 1100 AM EDT...1500 UTC...INFORMATION

LOCATION...34.4N 79.2W

ABOUT 20 MI...30 KM SW OF LUMBERTON NORTH CAROLINA

ABOUT 80 MI...130 KM W OF WILMINGTON NORTH CAROLINA

MAXIMUM SUSTAINED WINDS...35 MPH...55 KM/H

PRESENT MOVEMENT...N OR 360 DEGREES AT 9 MPH...15 KM/H

MINIMUM CENTRAL PRESSURE...1007 MB...29.74 INCHES

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY:

All Tropical Storm Warnings have been discontinued.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

There are no coastal watches or warnings in effect.

DISCUSSION AND OUTLOOK

At 1100 AM EDT (1500 UTC), the center of Tropical Depression Chantal was located near latitude 34.4 North, longitude 79.2 West. The depression is moving toward the north near 9 mph (15 km/h) and this motion is expected to continue today. A turn toward the northeast is expected this evening and that motion should continue into Monday. On the forecast track, the center of Chantal is expected to move over eastern North Carolina through tonight.

Maximum sustained winds have decreased to near 35 mph (55 km/h) with higher gusts. Additional weakening is expected during the next 24 hours, and the system is expected to degenerate into a trough of low pressure on Monday.

The estimated minimum central pressure is 1007 mb (29.74 inches).

HAZARDS AFFECTING LAND

Key messages for Tropical Storm Chantal can be found in the

Tropical Cyclone Discussion under AWIPS header MIATCDAT3 and WMO header WTNT43 KNHC.

RAINFALL: Tropical Depression Chantal will continue to produce heavy rainfall across portions of central North Carolina into Monday.

Storm total rainfall of 2 to 4 inches, with local amounts up to 6 inches, is expected. An elevated risk for flash flooding will continue.

For a complete depiction of forecast rainfall and flash flooding associated with Tropical Depression Chantal, please see the National Weather Service Storm Total Rainfall Graphic, available at hurricanes.gov/graphics_at3.shtml?rainqpf

TORNADOES: An isolated tornado or two is possible today over parts of eastern North Carolina.

SURF: Life-threatening surf and rip current conditions are expected to continue at beaches along the U.S. east coast from northeastern Florida to the Mid-Atlantic states during the next day or so.

A depiction of rip current risk for the United States can be found at: hurricanes.gov/graphics_at3.shtml?ripCurrents

NEXT ADVISORY

This is the last public advisory issued by the National Hurricane Center on Chantal. Future information on this system can be found in Public Advisories issued by the Weather Prediction Center beginning at 500 PM EDT, under AWIPS header TCPAT3, WMO header WTNT33 KWNH, and on the web at www.hurricanes.gov.