



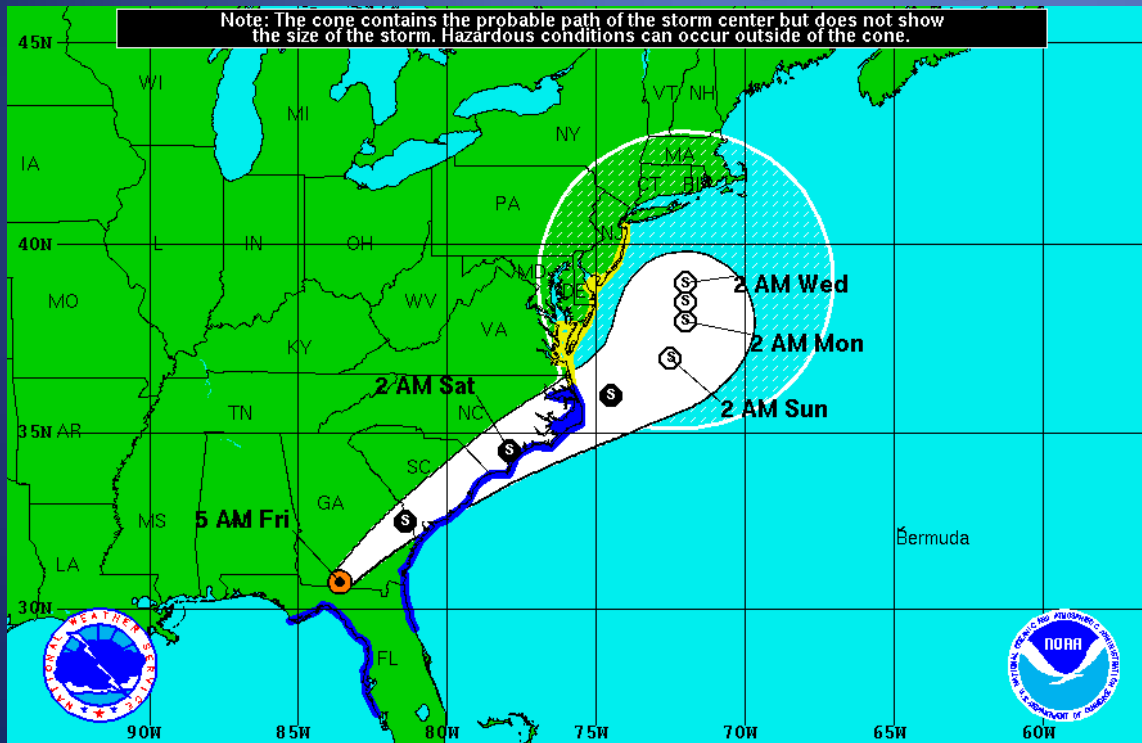
National Weather Service Forecast Office Raleigh, NC



Impact Briefing: 5:30 AM on Friday, September 02, 2016

Hazardous Weather Concerns for Central NC Friday through early Saturday.

Note: The cone contains the probable path of the storm center but does not show the size of the storm. Hazardous conditions can occur outside of the cone.



- Primary Concerns:**
- Localized flooding.
 - Brief tornadoes.
 - Wet ground, when combined with even modest wind gusts, may result in downed trees and subsequent structural damage and power outages.

Tropical Storm Hermine
Friday September 2, 2016
5 AM EDT Advisory 20
NWS National Hurricane Center

Current Information: ●
Center Location 30.8 N 83.6 W
Max Sustained Wind 70 mph
Movement NNE at 14 mph

Forecast Positions:
● Tropical Cyclone ○ Post-Tropical
Sustained Winds: D < 39 mph
S 39-73 mph H 74-110 mph M > 110mph

Potential Track Area:

Watches:

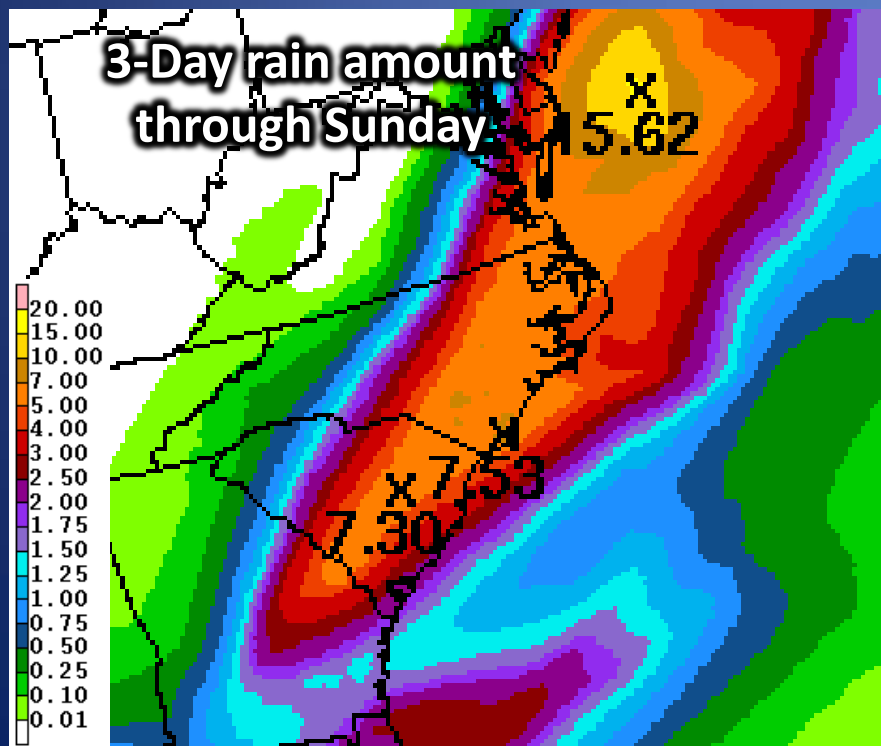
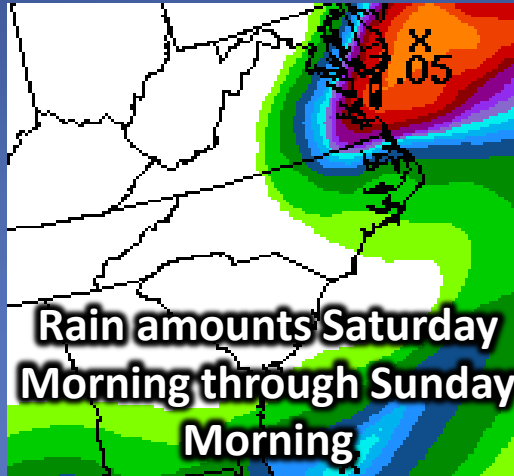
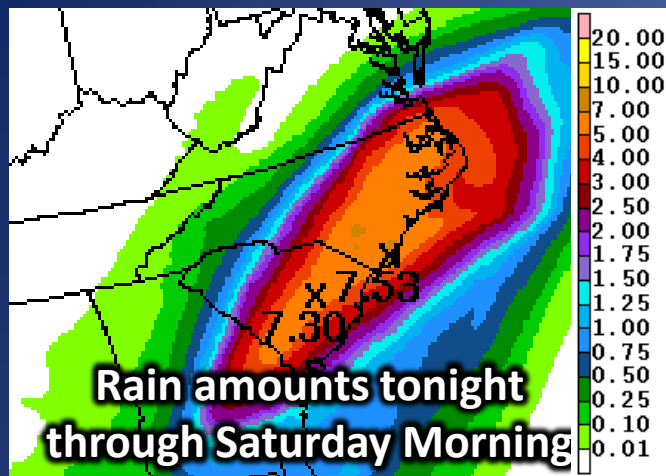
Warnings:

▬ Day 1-3 ☞ Day 4-5

■ Hurricane ■ Trop.Storm

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Forecast Rainfall Amounts from Weather Prediction Center



Confidence factor: Confidence has increased that rainfall amounts of 2-6 inches with locally heavier amounts will occur across much of central NC. The heaviest rain is expected along and east of the US-1 corridor. A flash flood watch is now in effect for much of central NC through Saturday morning.

High rainfall totals could lead to localized flash flooding, particularly in flood prone and urban areas as well as along creeks and small streams.

Simulated Precip Timing – Today and Tonight

This Morning



Mid-to-Late Afternoon



This Evening



Tonight - Overnight





Expected Timeline of Weather and Impacts for Central North Carolina

Updated at 5:30 AM on Friday, September 02, 2016



Hermine approaches from the southwest, rainfall will increase in coverage and intensity across North Carolina, especially during the afternoon and evening. Brief tornadoes possible, especially during the late afternoon and evening.

Hermine lifts to the northeast, moving off the Mid-Atlantic coast. The rain should end across central North Carolina by mid-day Saturday, but lingering areal flooding of poor drainage areas may persist.



Heavy rain likely across most of central North Carolina. Localized flash flooding and brief tornadoes remain possible during this time.

Timeline Color Code Legend	
Green	No hazardous weather impacts expected
Yellow	Isolated and/or modest impacts with low threat to life and property
Orange	Localized dangerous impacts that could lead to increased threat to life and property.
Red	Severe impacts that could lead to significant threat to life and property.
Purple	Extreme impacts with widespread and/or prolonged life-threatening situation.

Bottom Line for Central North Carolina

- **Primary concerns and hazards:**
 - Tropical Storm Hermine will impact central North Carolina beginning today.
 - Periods of heavy rain are expected, especially from late this afternoon through early Saturday.
 - Wind gusts of 30-40 mph are likely this afternoon through Saturday morning, particularly along the I-95 corridor. A wind advisory is in effect for southern counties from 2 PM today through 8 AM Saturday.
 - Potential flooding and flash flooding, especially of small creeks and streams, known flood prone locations and urban areas would likely be the primary threat.
 - Brief tornadoes are also possible this afternoon and this evening.
- **Expected impacts:**
 - Where the heaviest rain occurs, flash flooding may result in inundated and impassable roadways. Some structures may experience water intrusion and damage.
 - Heavy rain and wet soil will make it easier for trees to fall, even with modest wind gusts. This could result in subsequent structure or car damage, and power outages.
 - Isolated tornadoes could produce pockets of localized intense wind damage.
- **Confidence:**
 - Our confidence at this time is moderately high, and increasing.

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