

NWS Raleigh Briefing



- Hurricane Matthew will begin affecting central NC as early as late Friday, with full impacts from Friday night through Saturday.
- Primary hazards for central NC will include heavy rain, possibly leading to flooding, and occasional gusty winds.
- Due to last week's heavy rain and flooding, locations across the southern Coastal Plain, Sandhills, and Fayetteville areas will be particularly vulnerable to additional flooding.



Wednesday, October 5, 2016 - 6 AM update



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.

The latest position, forecast track, and satellite

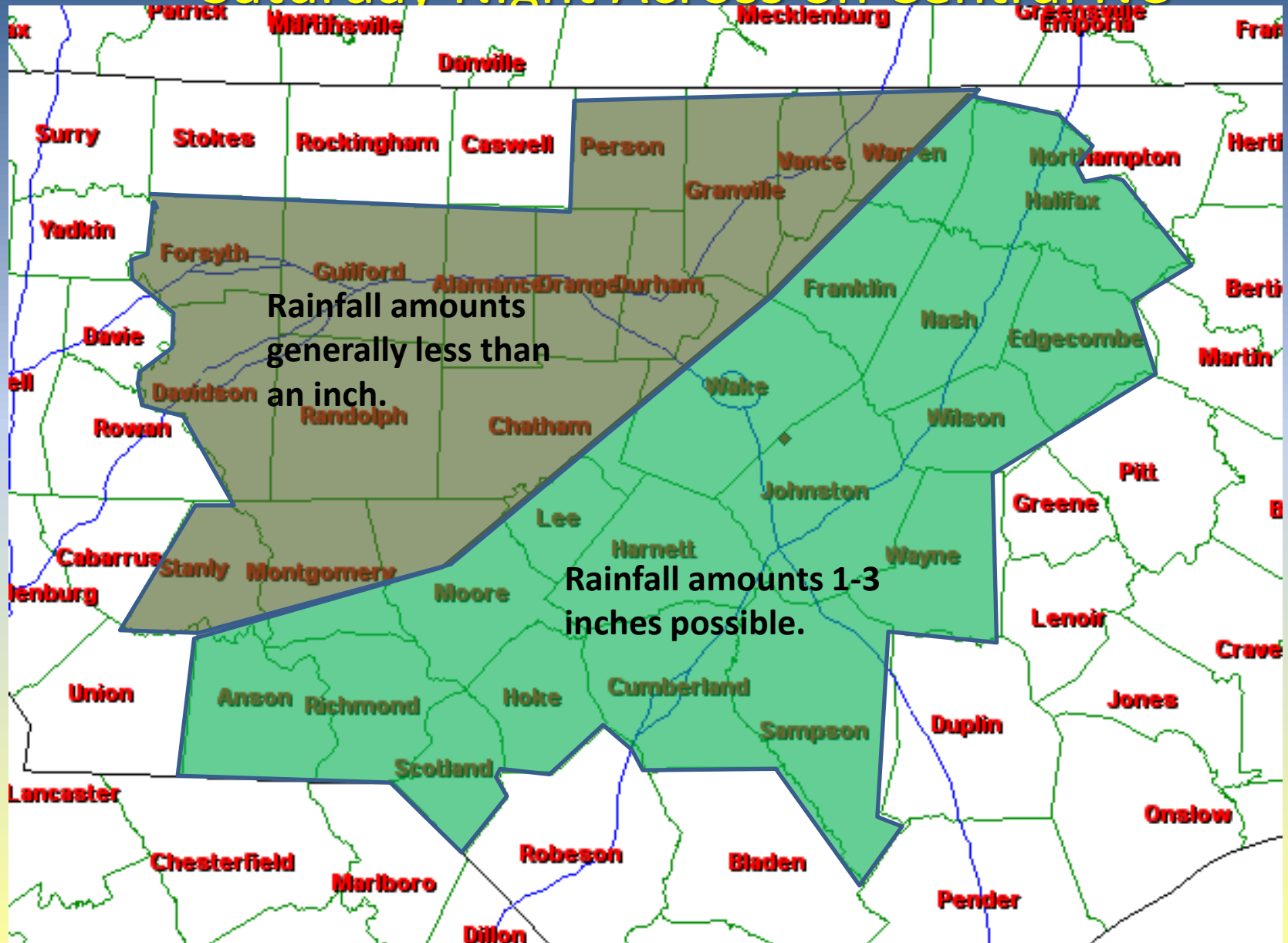


Hurricane Matthew Wednesday October 5, 2016 5 AM EDT Advisory 29 NWS National Hurricane Center	Current Information: ● Center Location 21.1 N 74.6 W Max Sustained Wind 125 mph Movement N at 10 mph	Forecast Positions: ● Tropical Cyclone ○ Post-Tropical Sustained Winds: D < 39 mph S 39-73 mph H 74-110 mph M > 110mph
Potential Track Area: ▽ Day 1-3 ▽ Day 4-5	Watches: ■ Hurricane ■ Trop.Storm	Warnings: ■ Hurricane ■ Trop.Storm

Saffir-Simpson Hurricane Wind Scale

Category	Sustained Winds	Types of Damage due to Hurricane Winds
1	74-95 mph	Very dangerous winds will produce some damage
2	96-110 mph	Extremely dangerous winds will cause extensive damage
3	111-129 mph	Devastating damage will occur
4	130-156 mph	Catastrophic damage will occur
5	157 mph or higher	Catastrophic damage will occur

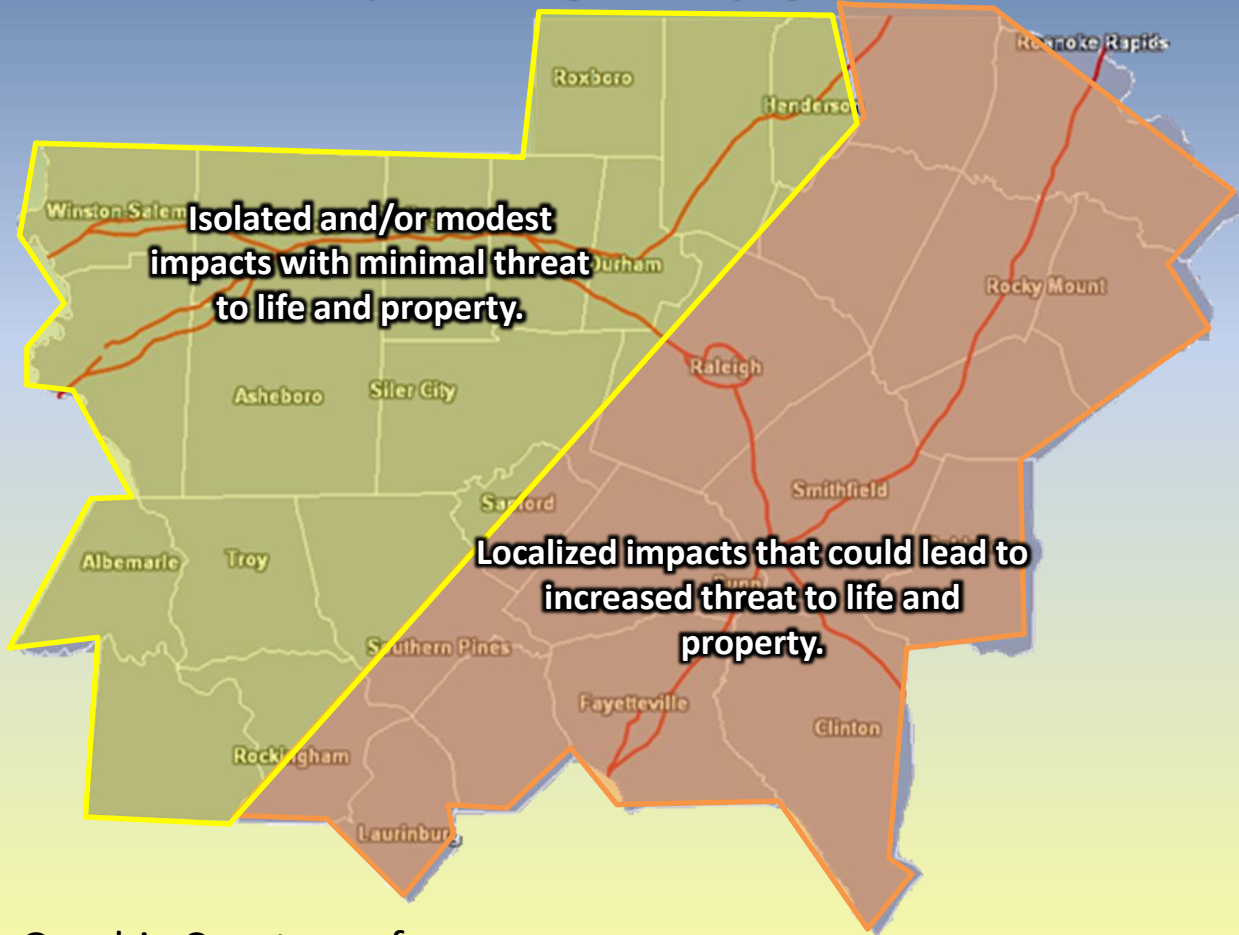
Expected Rainfall Amounts Friday through Saturday Night Across Central NC



Hazard/Impact Severity by Area

Hurricane Matthew

Late Friday Oct 7 through Saturday night Oct 8



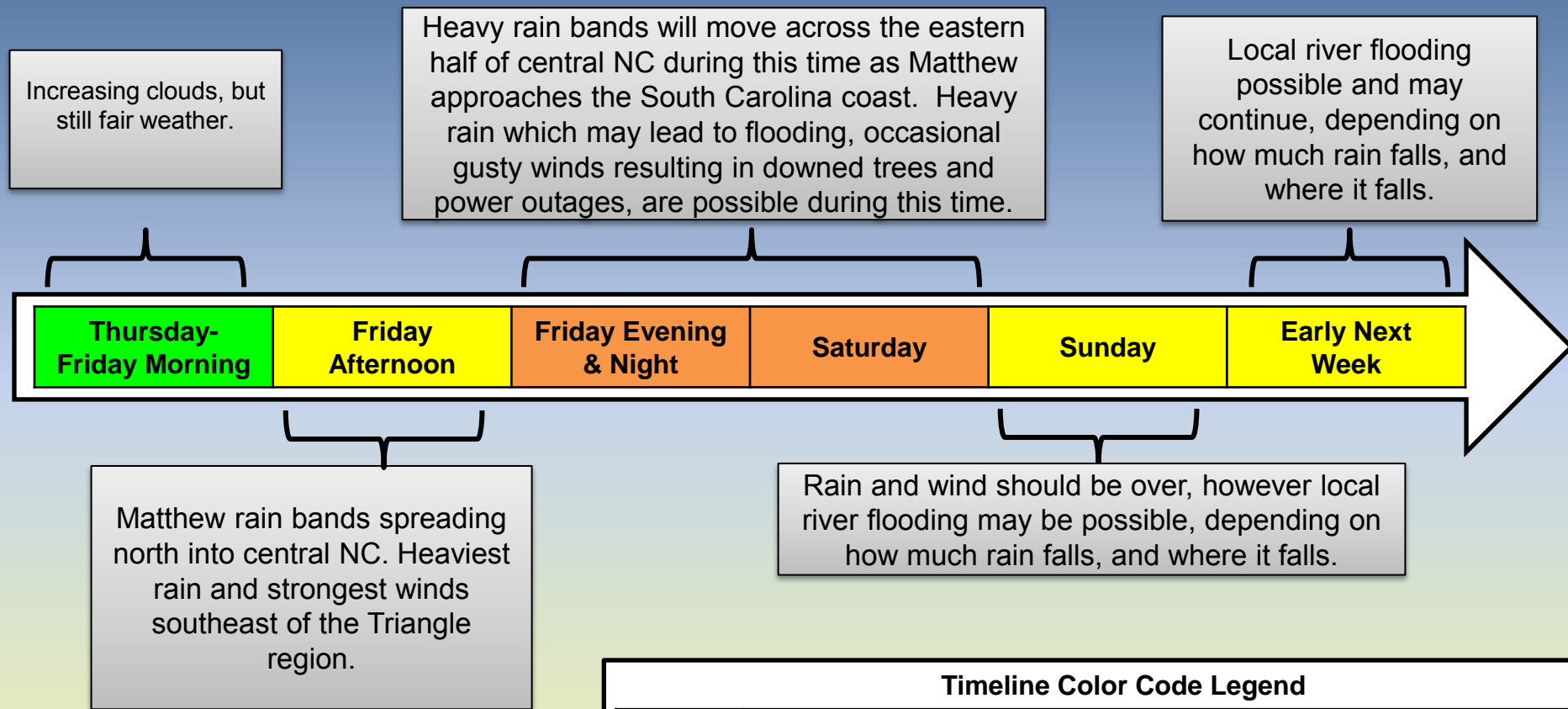
Isolated and/or modest impacts with minimal threat to life and property.
Pockets of heavy rain and localized poor drainage flooding. Wind gusts up to 25 mph.

Localized impacts that could lead to modest threat to life and property.
1-3 inches of rain possible, which will lead to localized urban, poor drainage, and stream flooding. Wind gusts of 25-40 mph, resulting in a few downed trees and isolated power outages.



Expected Timeline of Weather and Impacts for Central North Carolina

Updated at 6 AM on Wednesday, October 05, 2016



	No hazardous weather impacts expected
	Isolated and/or modest impacts with minimal threat to life and property
	Localized dangerous impacts that could lead to increased threat to life and property.
	Severe impacts that could lead to significant threat to life and property.
	Extreme impacts with widespread and/or prolonged life-threatening situation.

Graphic Courtesy of
NWS Raleigh, NC

OVERVIEW AS OF 6 AM WEDNESDAY

- Matthew's forecast track has shifted substantially since Tuesday afternoon.
- Further adjustments in the track and timing will likely occur later today and Thursday as it becomes more certain how Matthew will interact with a cold front to our north.
- Residents of central North Carolina need to keep abreast of the latest forecast and updates through Saturday.