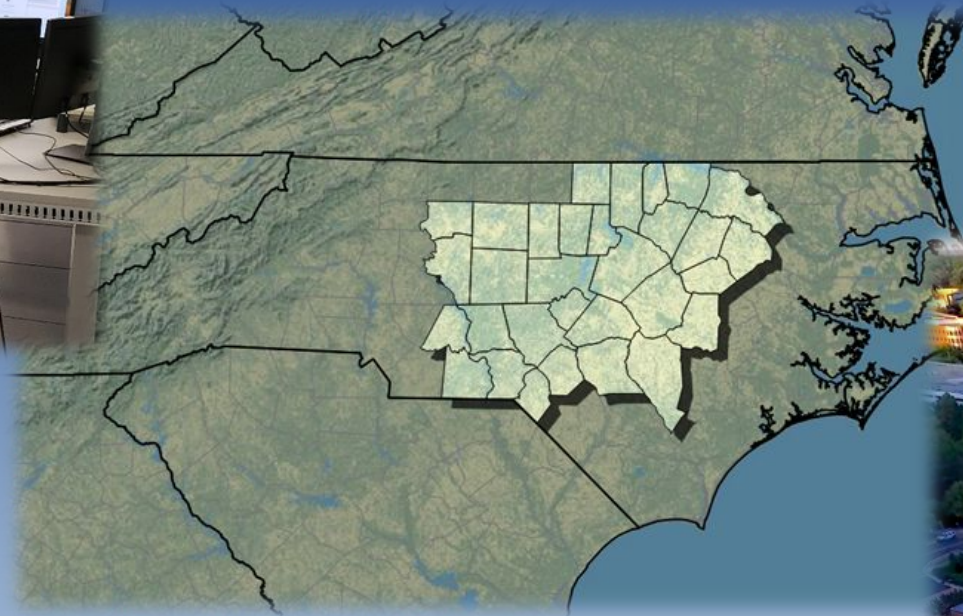


Routine Weekly Briefing for Central NC

July 1, 2024
8:16 AM

Covering the period Monday, July 1 - Sunday, July 7, 2024

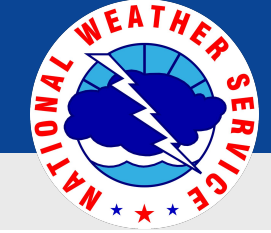


The purpose of these briefings is to give you an idea of what to expect weather-wise for the time period indicated above, and to give you a heads-up as to what types of weather hazards and weather impacts, if any, are possible.



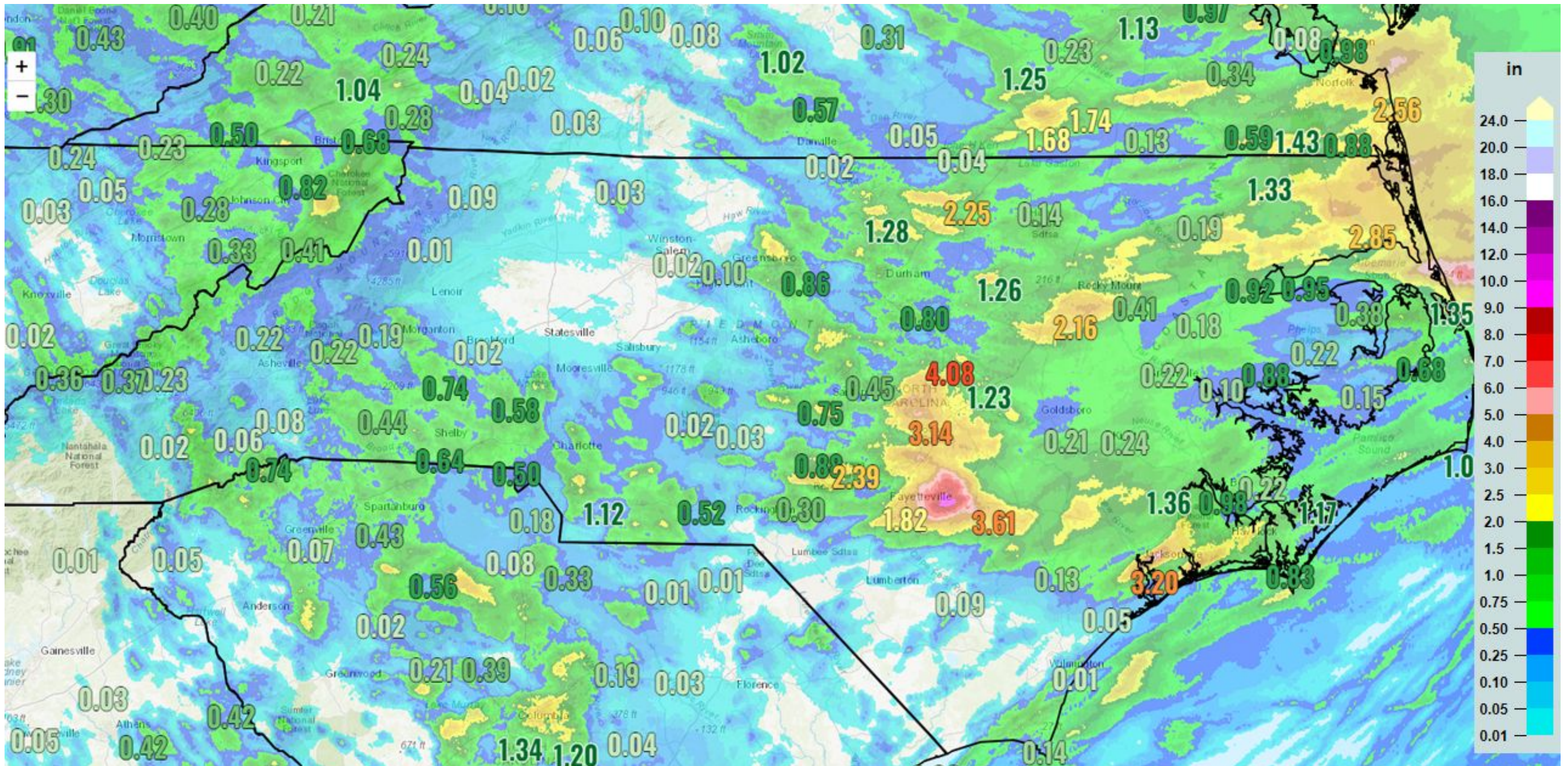
National Oceanic and
Atmospheric Administration
U.S. Department of Commerce

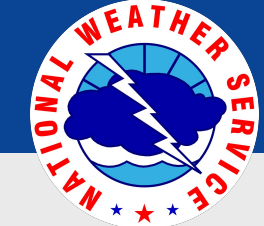
National Weather Service
Raleigh, NC



24-hour rainfall amounts

July 1, 2024
8:16 AM

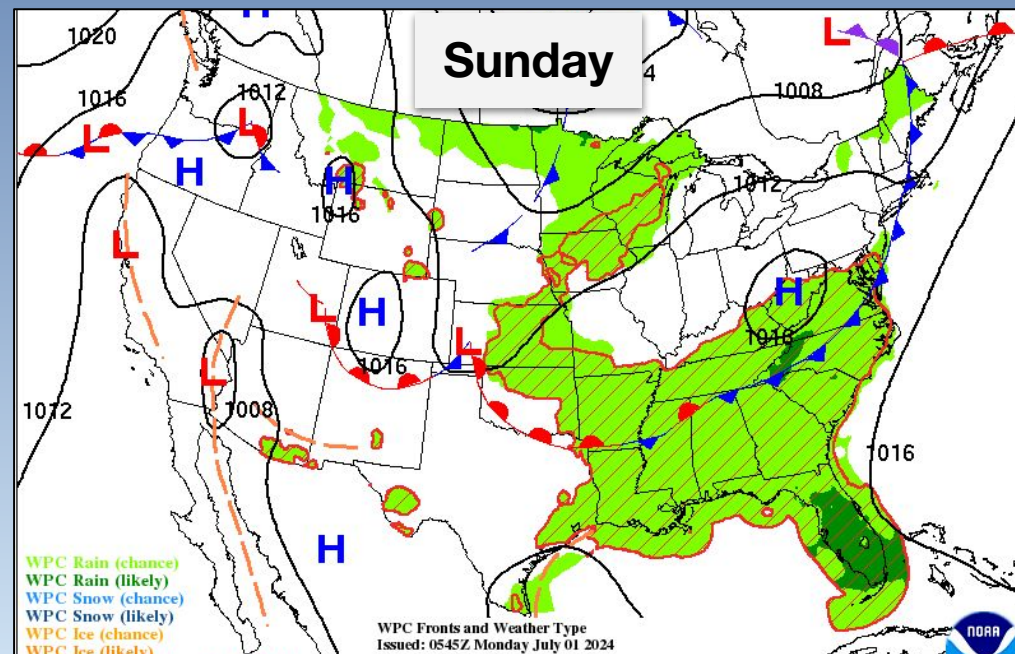
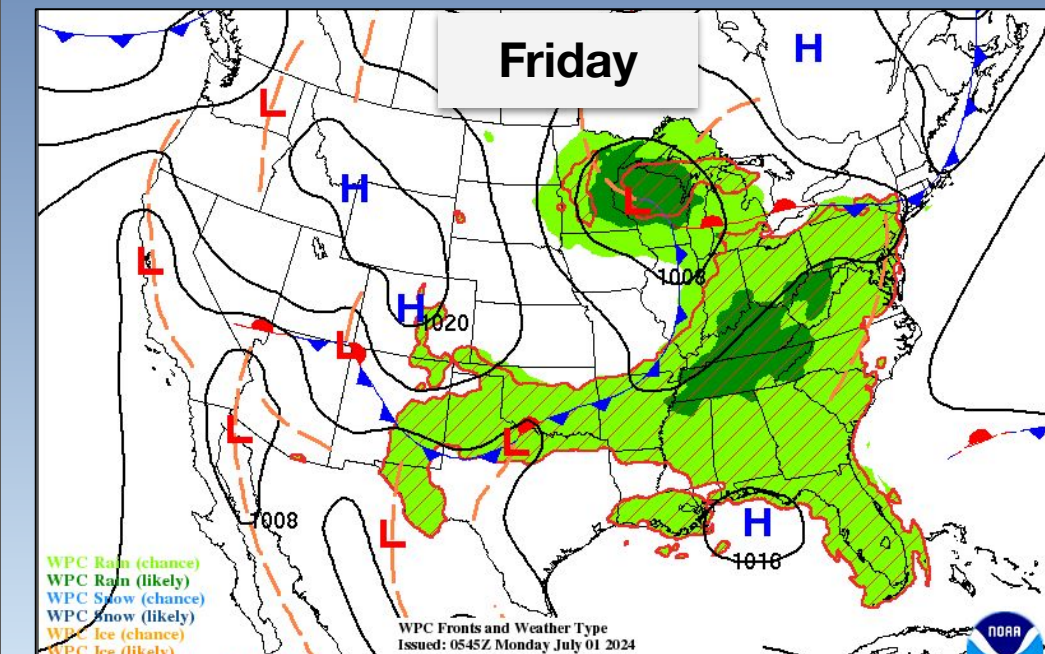
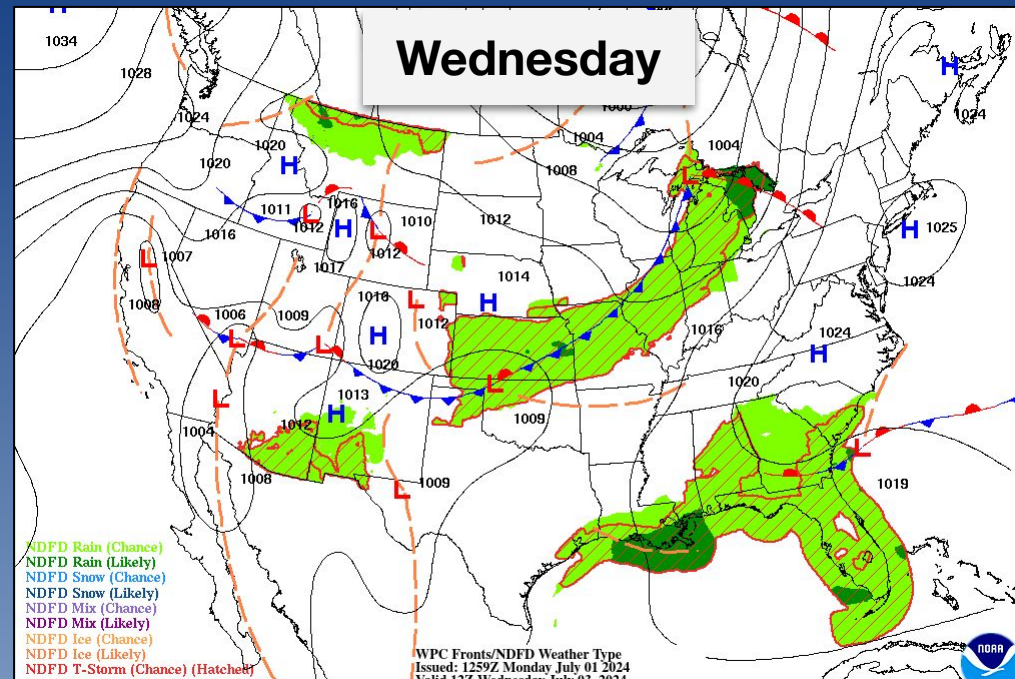
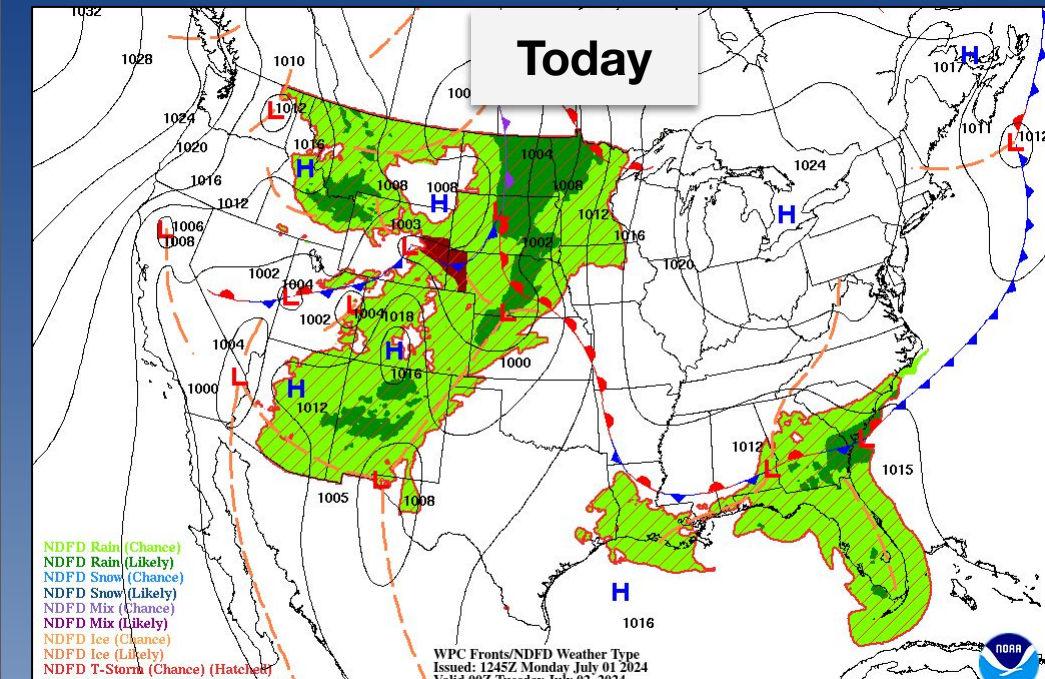




The Upcoming Weather Pattern For Central NC

July 1, 2024
8:16 AM

Courtesy of the Weather Prediction Center (www.wpc.ncep.noaa.gov)



Key Points:

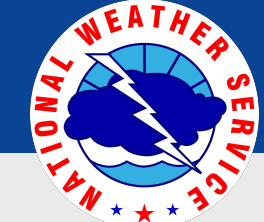
- Dry weather today as cold front moves off the coast.
- High pressure will settle across the region for quiet weather through mid week.
- Temperatures return to near/ slightly above normal Wednesday as high pressure slowly moves offshore.
- A cold front will move across the Ohio valley but expected to stay to the north, a few showers could be possible in western NC Thursday.
- The next chance for isolated showers and storms will be Friday through the weekend as a slow moving frontal boundary moves into the Mid-Atlantic region.



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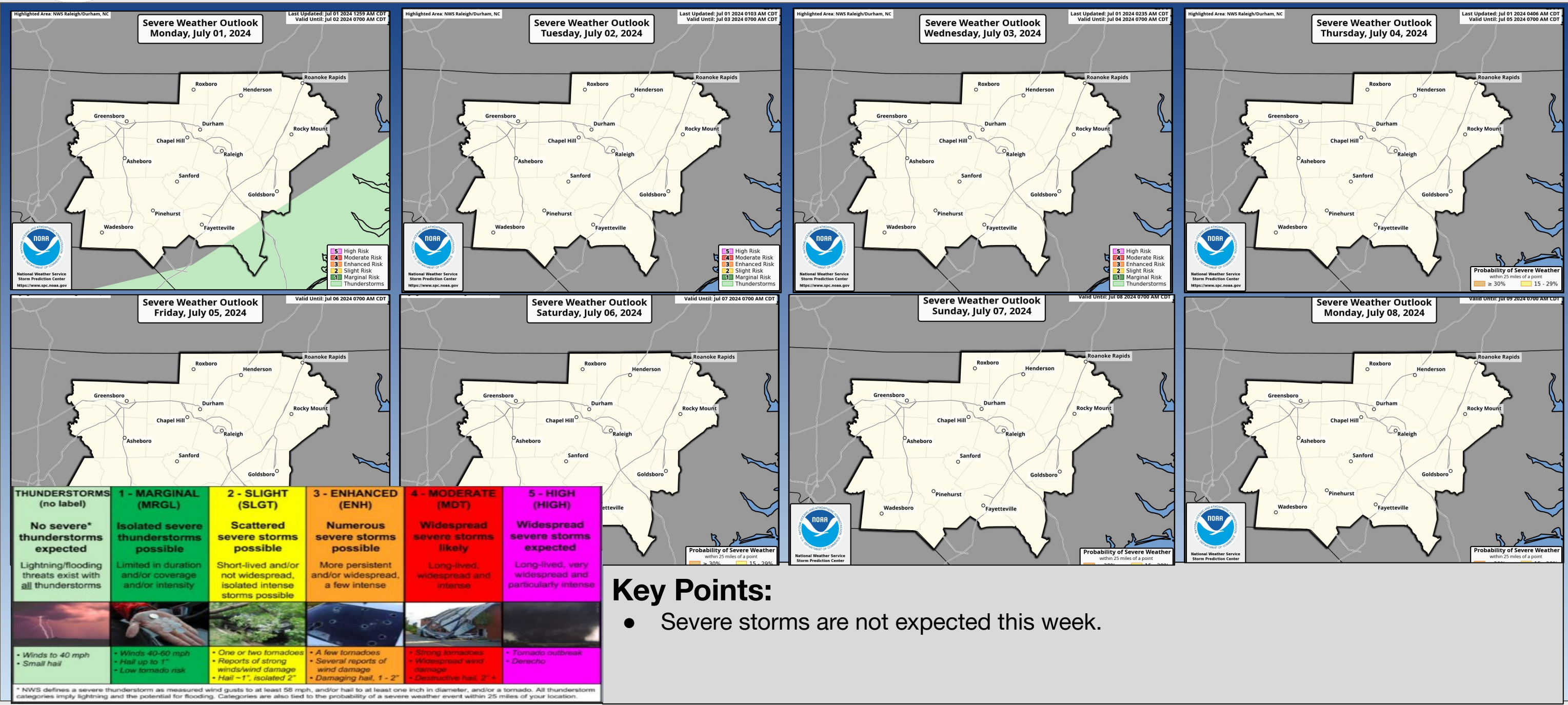
National Weather Service
Raleigh, NC



Severe Thunderstorm Potential for Days 1-8

July 1, 2024
8:16 AM

Courtesy of the Storm Prediction Center (www.spc.noaa.gov)



Key Points:

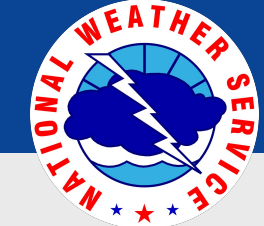
- Severe storms are not expected this week.



National Oceanic and Atmospheric Administration

U.S. Department of Commerce

National Weather Service
Raleigh, NC

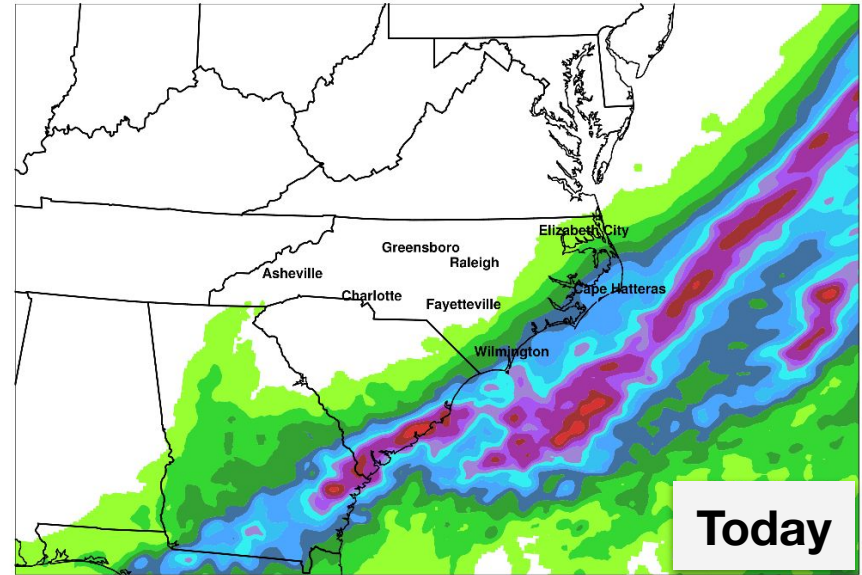


Accumulated Precipitation Forecasts Through the Next 5 Days

July 1, 2024
8:16 AM

Courtesy of the Weather Prediction Center (www.wpc.ncep.noaa.gov)

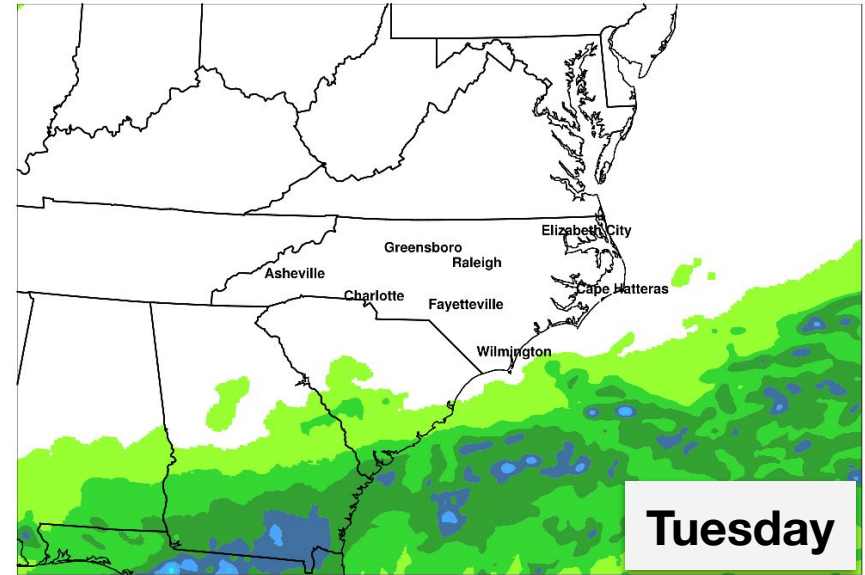
Weather Prediction Center 24-Hour Day 1 Precipitation
Issued: Mon 07/01/24 8 AM EDT Valid: 8 AM 07/01/24 - 8 AM 07/02/24 EDT



Today

National Weather Service Raleigh, NC

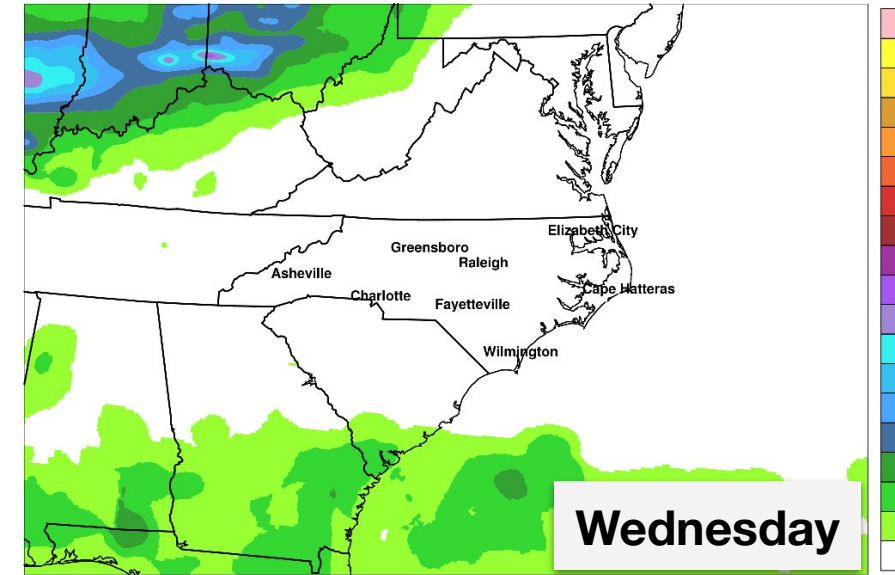
Weather Prediction Center 24-Hour Day 2 Precipitation
Issued: Mon 07/01/24 8 AM EDT Valid: 8 AM 07/02/24 - 8 AM 07/03/24 EDT



Tuesday

National Weather Service Raleigh, NC

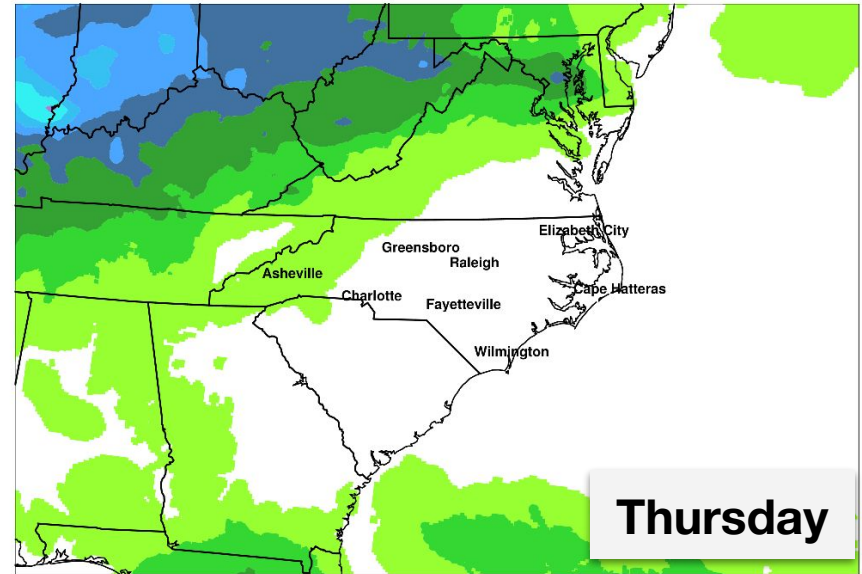
Weather Prediction Center 24-Hour Day 3 Precipitation
Issued: Mon 07/01/24 8 AM EDT Valid: 8 AM 07/03/24 - 8 AM 07/04/24 EDT



Wednesday

National Weather Service Raleigh, NC

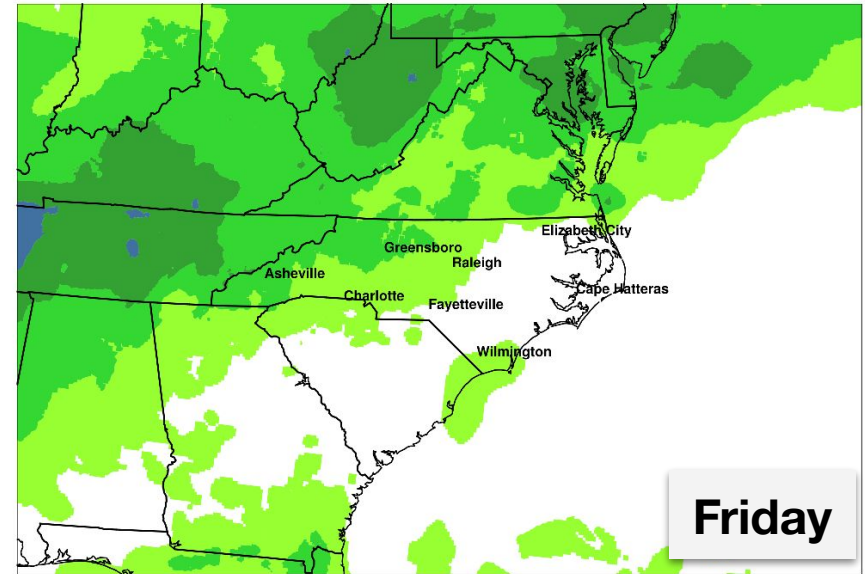
Weather Prediction Center 24-Hour Day 4 Precipitation
Issued: Mon 07/01/24 8 AM EDT Valid: 8 AM 07/04/24 - 8 AM 07/05/24 EDT



Thursday

National Weather Service Raleigh, NC

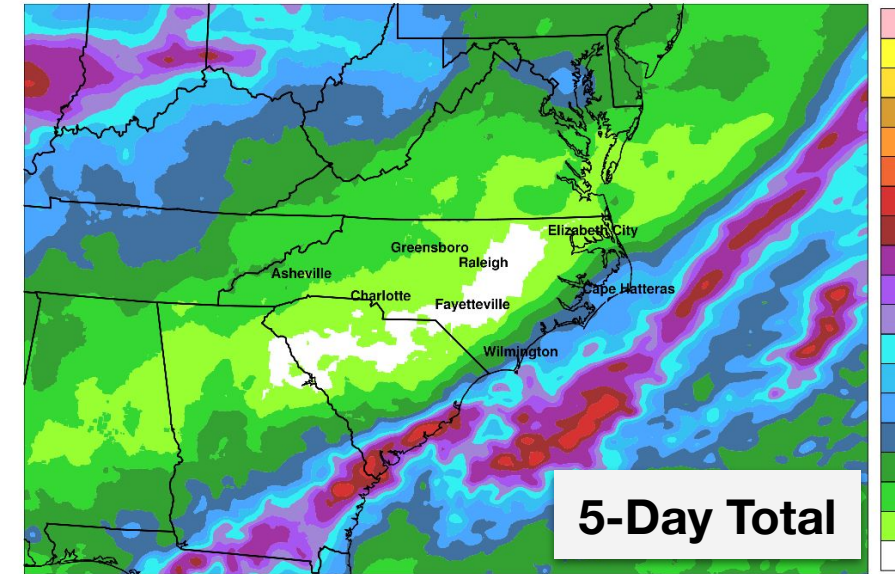
Weather Prediction Center 24-Hour Day 5 Precipitation
Issued: Mon 07/01/24 8 AM EDT Valid: 8 AM 07/05/24 - 8 AM 07/06/24 EDT



Friday

National Weather Service Raleigh, NC

Weather Prediction Center 5-Day Precipitation
Issued: Mon 07/01/24 8 AM EDT Valid: 8 AM 07/01/24 - 8 AM 07/06/24 EDT



5-Day Total

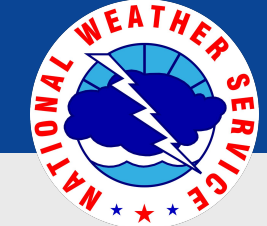
National Weather Service Raleigh, NC



National Oceanic and Atmospheric Administration

U.S. Department of Commerce

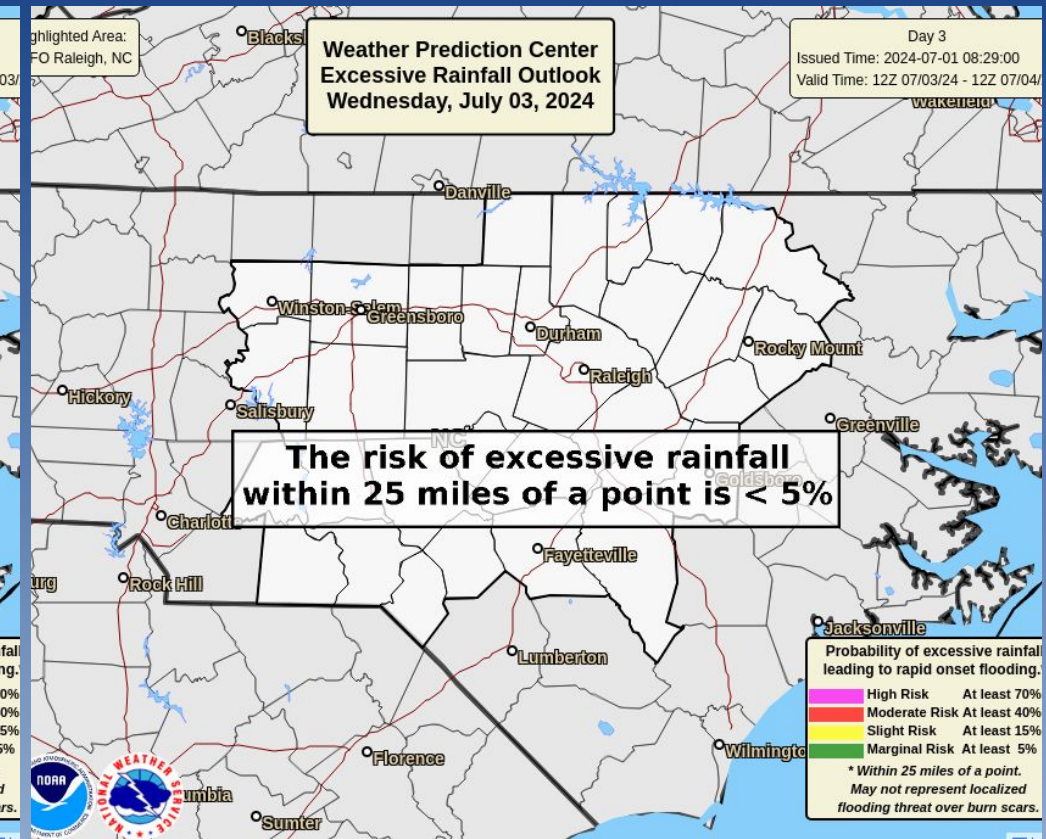
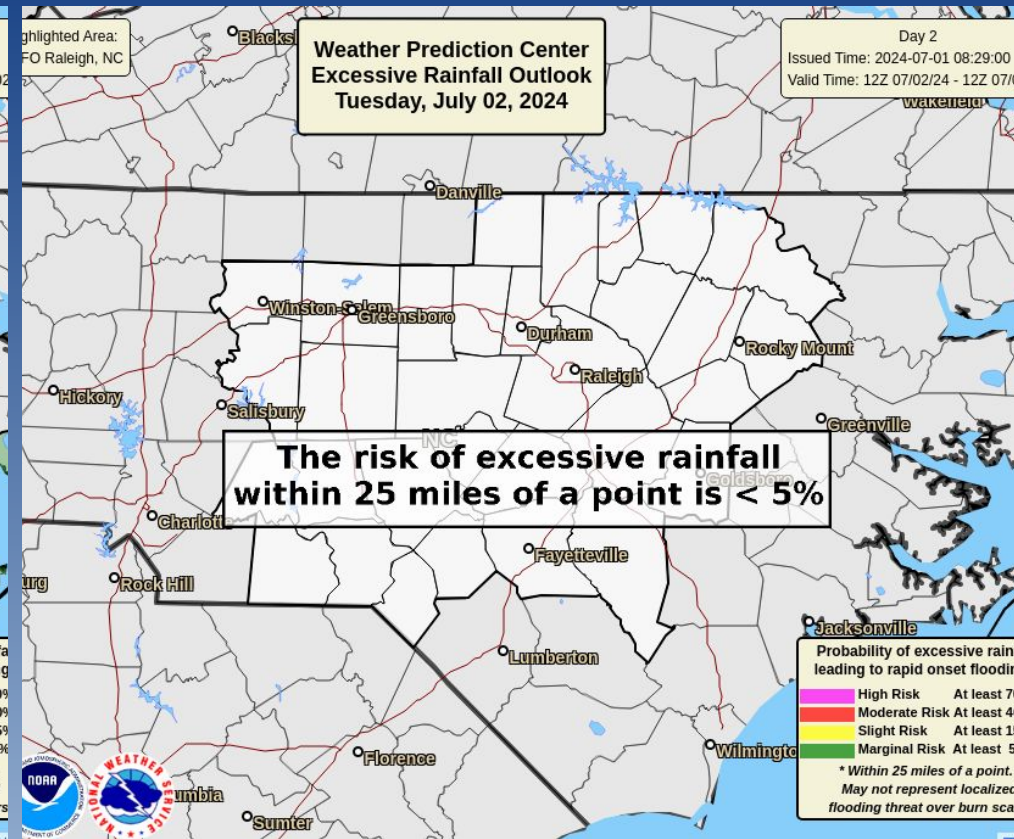
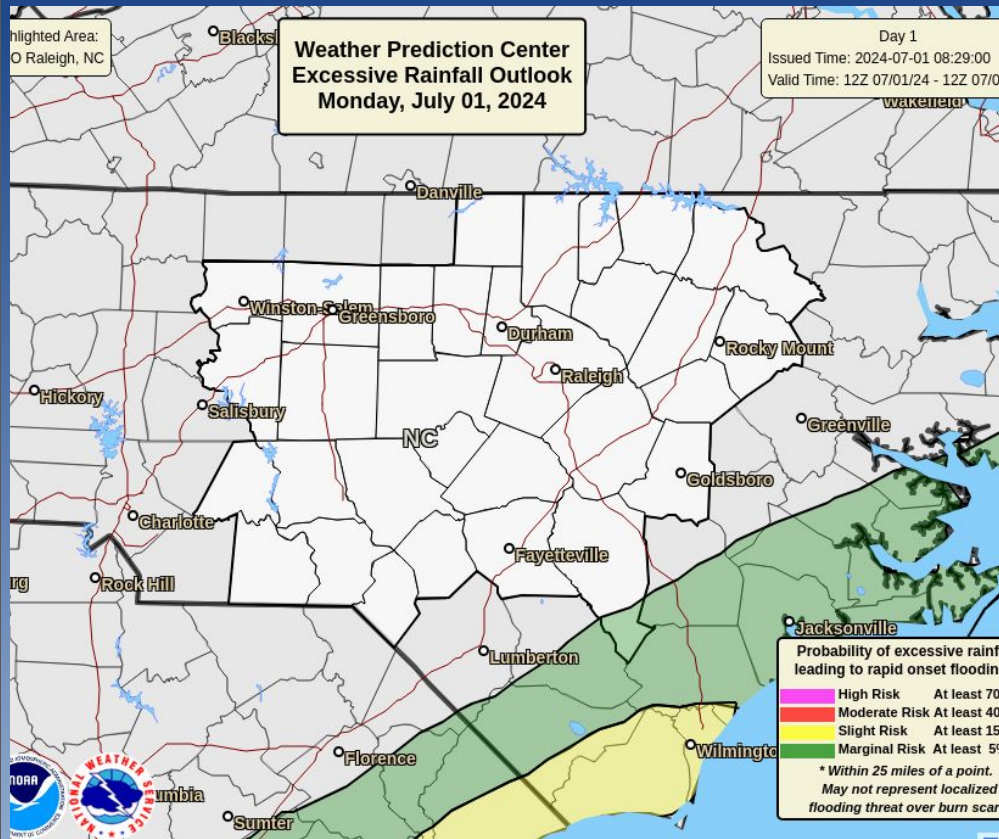
National Weather Service
Raleigh, NC



WPC's Excessive Rainfall Outlook

July 1, 2024
8:16 AM

Courtesy of the Weather Prediction Center (www.wpc.ncep.noaa.gov)

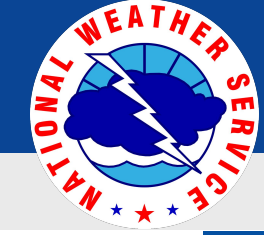


Understanding WPC Excessive Rainfall Risk Categories

No Area/Label	MARGINAL (MRGL)	SLIGHT (SLGT)	MODERATE (MDT)	HIGH (HIGH)
Flash floods are generally not expected.	Isolated flash floods possible Localized and primarily affecting places that can experience rapid runoff with heavy rainfall.	Scattered flash floods possible Mainly localized. Most vulnerable are urban areas, roads, small streams and washes. Isolated significant flash floods possible.	Numerous flash floods likely Numerous flash flooding events with significant events possible. Many streams may flood, potentially affecting larger rivers.	Widespread flash floods expected Severe, widespread flash flooding. Areas that don't normally experience flash flooding, could. Lives and property in greater danger.
@NWSWPC				
Flash flooding near me?	Flash Flooding	Flash Flooding	Flash Flooding	Flash Flooding
	NO Flash Flooding	NO Flash Flooding	NO Flash Flooding	NO Flash Flooding

Key Points:

- Generally, Flash flooding is not expected during the next 3 days.



Drought Update

July 1, 2024
8:16 AM

North Carolina Drought Update

Created By:

North Carolina
Drought Management Advisory Council



NC STATE

www.ncdrought.org

climate.ncsu.edu @NCSCO

For the assessment period ending **June 25, 2024**

From the US Drought Monitor, with input from the NC DMAC

The Main Takeaway

Flash drought is now upon us, with much of northern and eastern NC entering Moderate Drought (D1) and Abnormally Dry (D0) conditions expanding westward.

This Week's Summary

A two-category degradation in just two weeks qualifies as flash drought, and its impacts are now obvious across the landscape: streams reduced to a trickle, small ponds and roadside ditches completely dried up, and crops, lawns, and gardens wilting and turning brown. To help supplies last, some water systems in eastern NC implemented usage restrictions this week.

Next Week's Outlook

Temperatures should remain in the mid-90s through the weekend, with scattered showers and thunderstorms possible especially on Thursday and Sunday evening.

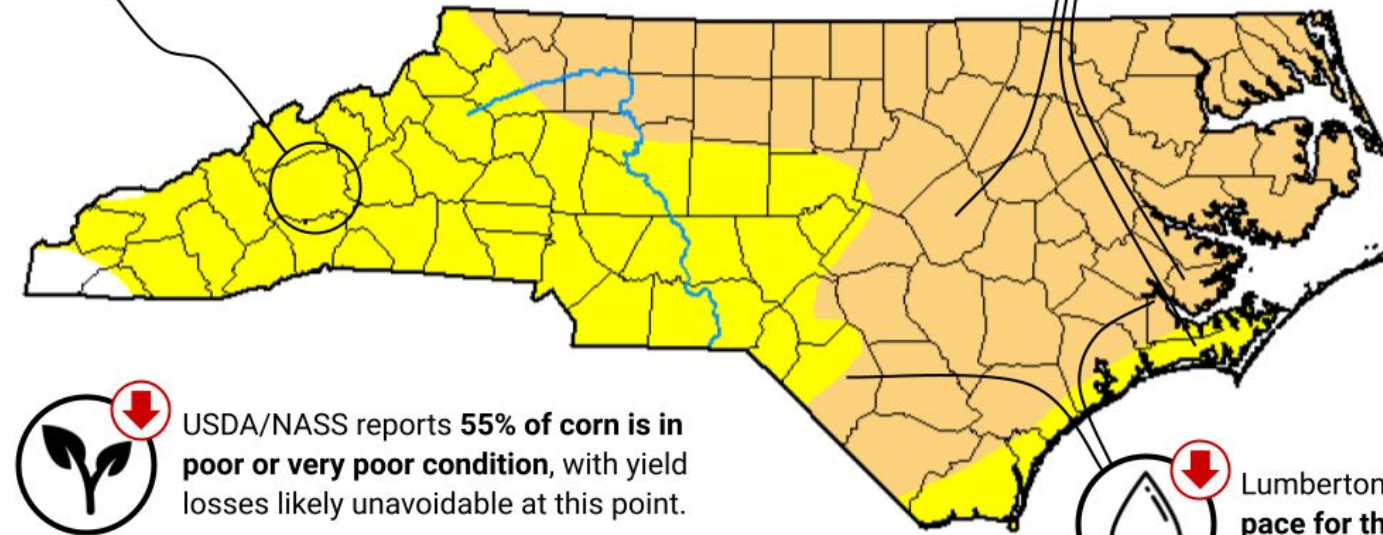
For your local drought status, visit www.ncdrought.org



Streamflows on the Swannanoa River have been on a steady decline since the last significant rain event on June 9.



Utilities in Johnston, Carteret, and Pamlico counties have requested voluntary water conservation by reducing outdoor usage.

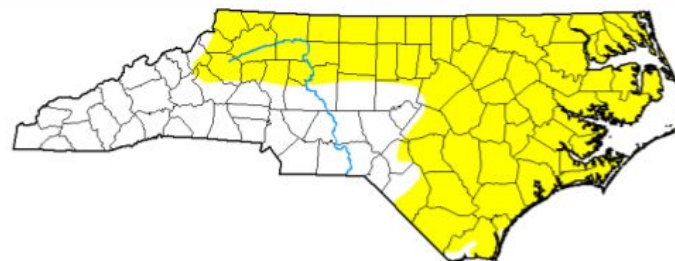


USDA/NASS reports 55% of corn is in poor or very poor condition, with yield losses likely unavoidable at this point.



Lumberton and New Bern are each on pace for their driest June on record, with barely a half-inch of rain so far.

Last Week's Drought Status



Statewide Coverage by Category

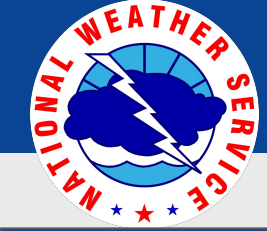
Category	Current Coverage	Change Since Last Week
D0: Abnormally Dry	42.33%	-23.06%
D1: Moderate Drought	56.54%	+56.54%
D2: Severe Drought	0.00%	0.00%
D3: Extreme Drought	0.00%	0.00%
D4: Exceptional Drought	0.00%	0.00%



National Oceanic and Atmospheric Administration

U.S. Department of Commerce

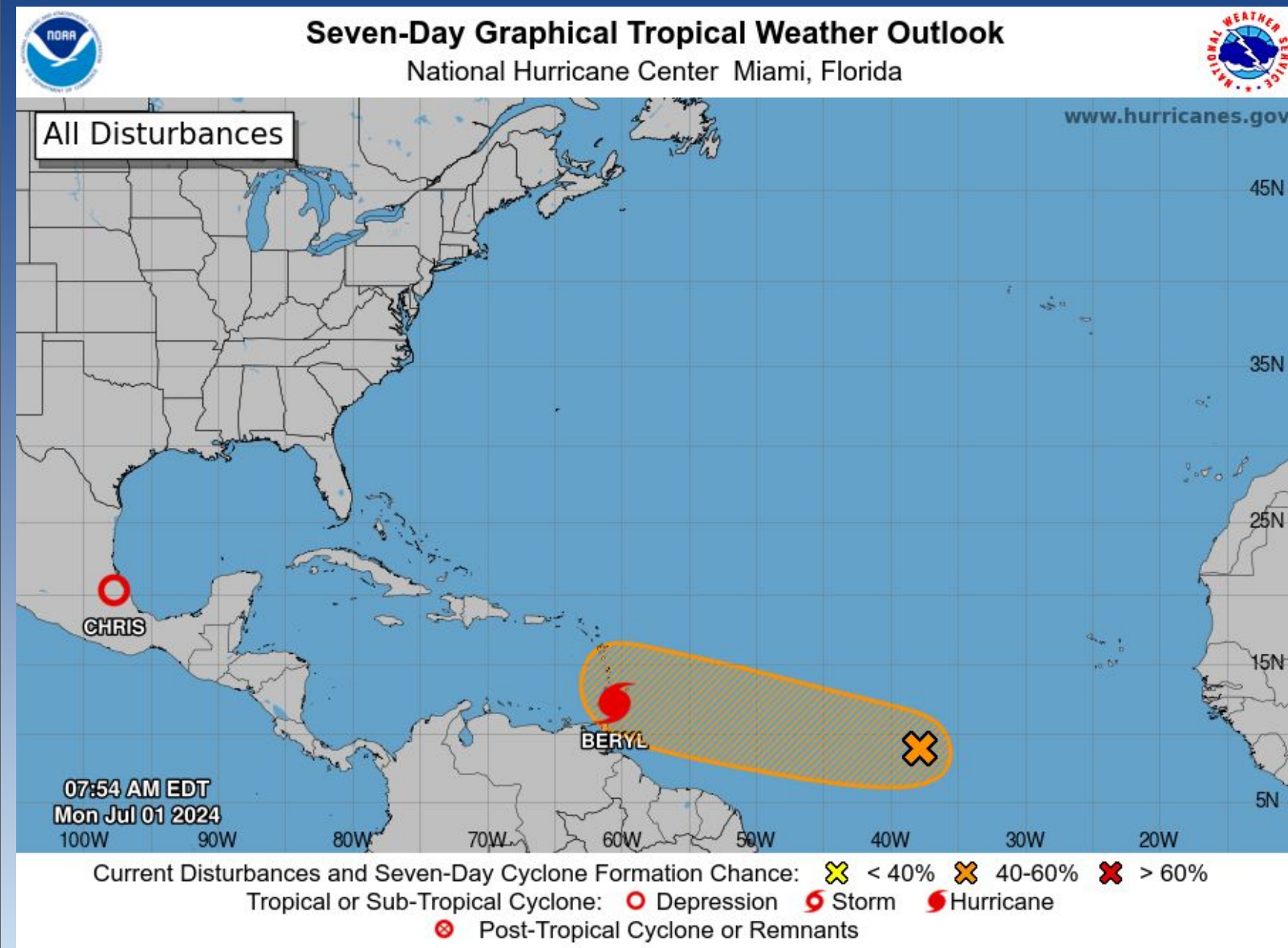
National Weather Service
Raleigh, NC



NHC's 7-Day Graphical Tropical Weather Outlook

July 1, 2024
8:16 AM

Courtesy of the National Hurricane Center(www.hurricanes.gov)



Key Points:

- Chris is estimated to have made landfall near Lechuguillas in the Mexican state of Veracruz.
- Showers and thunderstorms continue in association with an area of low pressure located over 1000 miles east-southeast of the Windward Islands. Tropical depression could form by the middle part of this week while it moves across the central and western tropical Atlantic. Formation chance through 48 hours is 30 percent...through 7 days is 60 percent.





Hurricane Beryl in the southeastern Caribbean

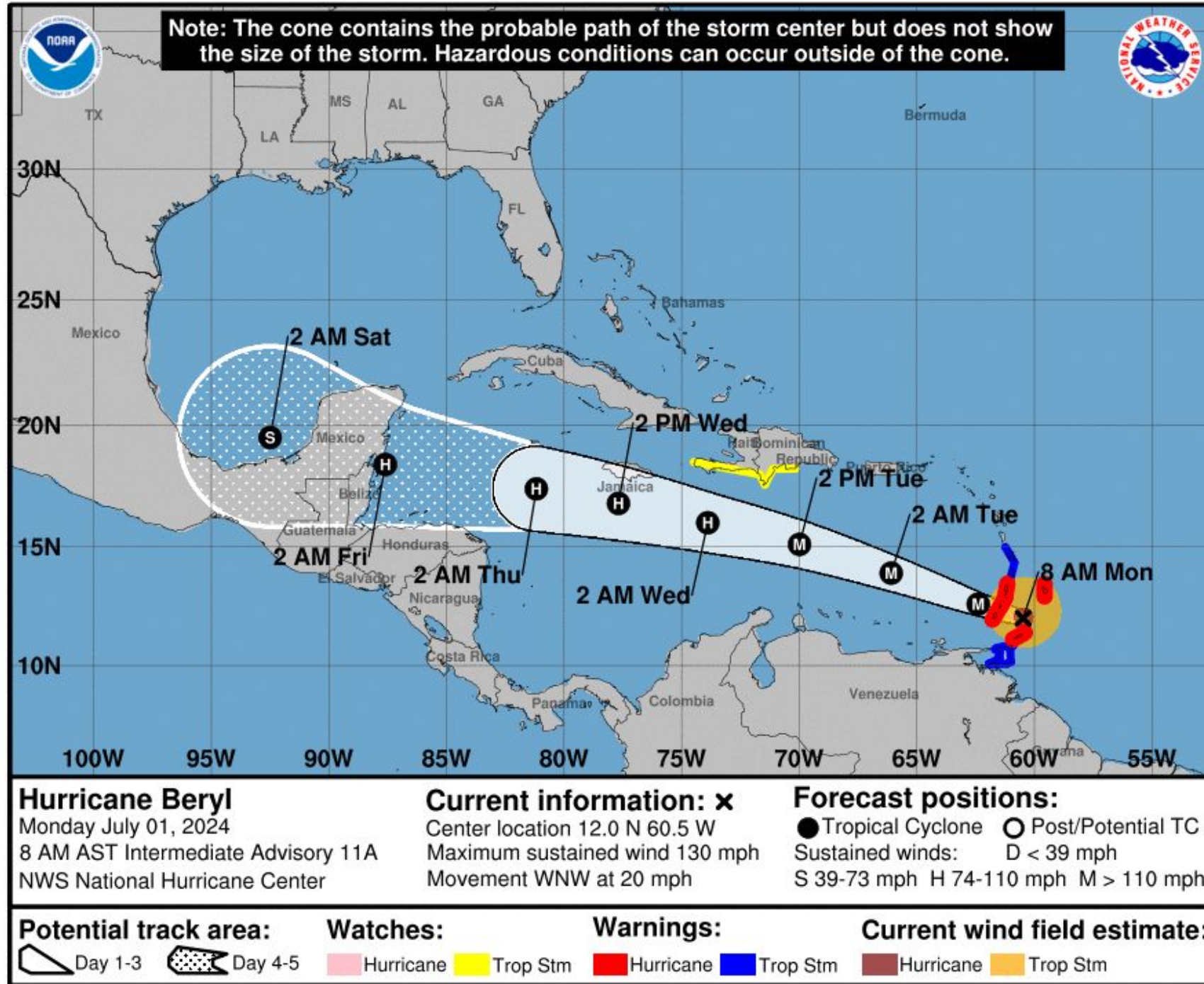
July 1, 2024
8:16 AM

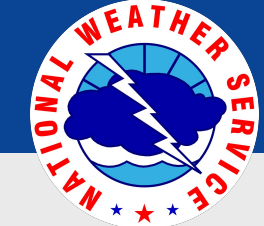
www.hurricanes.gov

Hurricane Beryl Update

- Category 4 (130 mph)
- Expected to make landfall in the Windward Islands, specifically the Grenada island.
- Expected to continue on a WNW track.

No expected impacts to North Carolina.





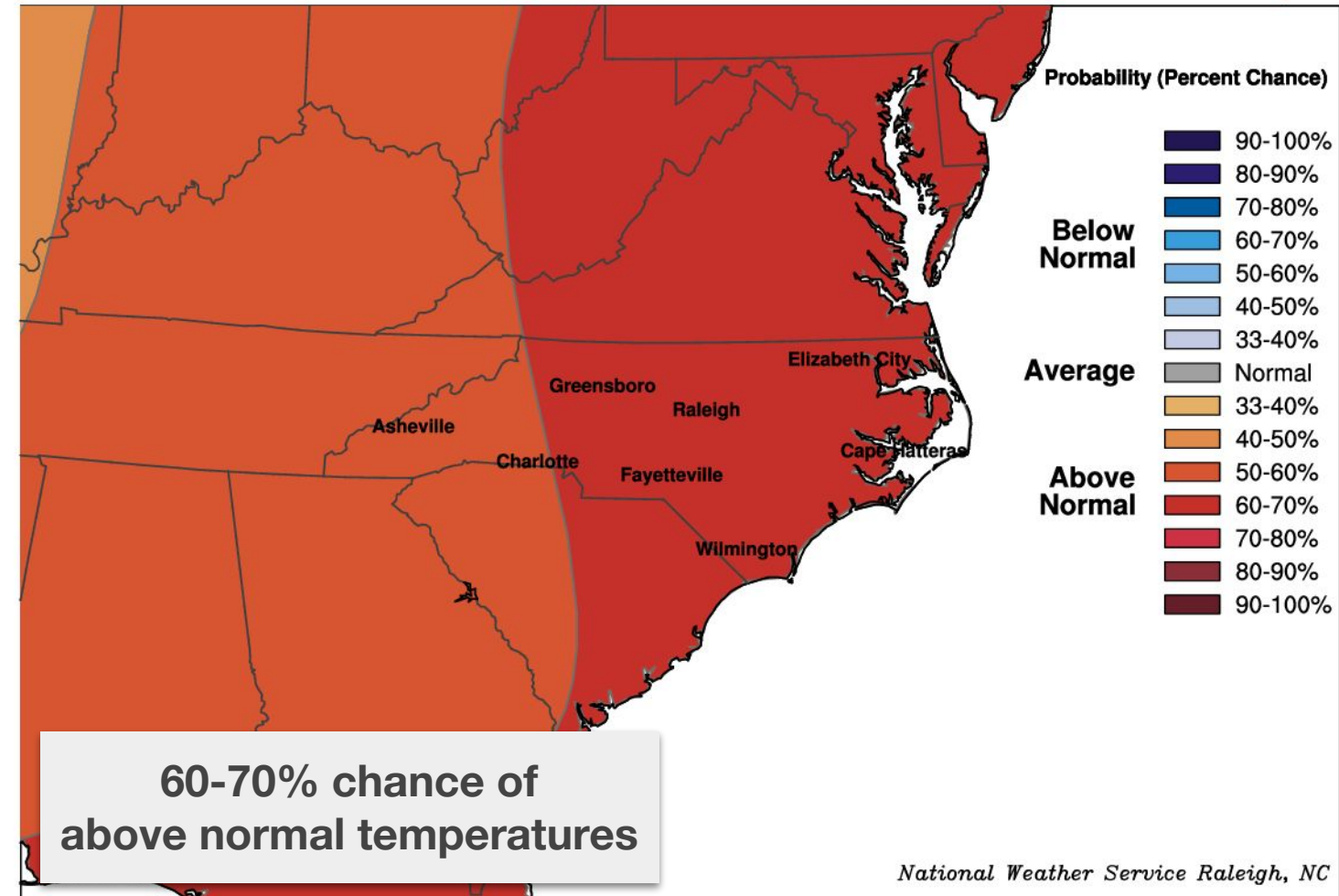
8 to 14 Day Temperature/Precipitation Outlook

July 1, 2024
8:16 AM

Courtesy of the Climate Prediction Center (www.cpc.ncep.noaa.gov)

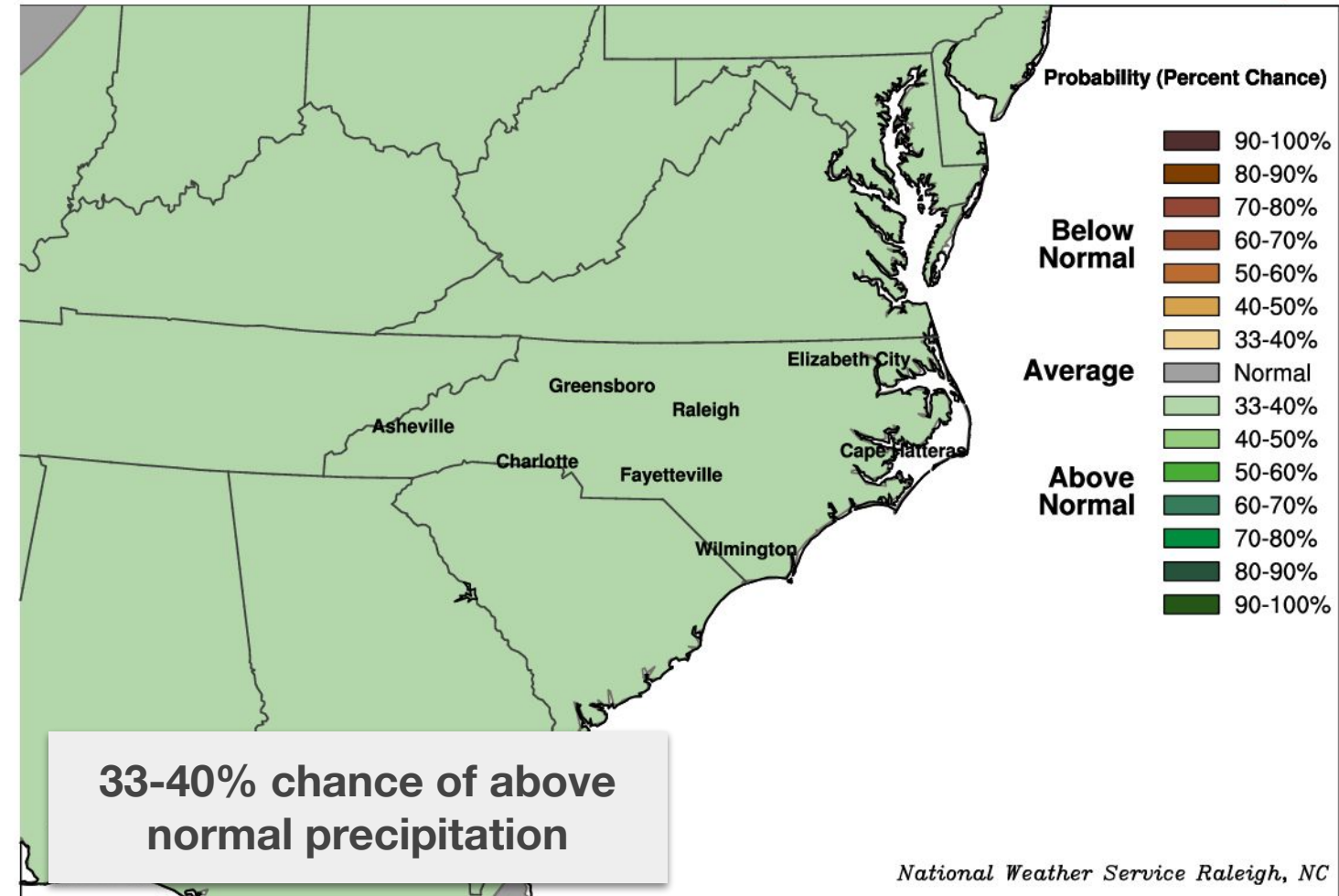
8-14 Day Temperature Outlook Updated: 06/30/24

Courtesy of the Climate Prediction Center Valid: July 8-14, 2024



8-14 Day Precipitation Outlook Updated: 06/30/24

Courtesy of the Climate Prediction Center Valid: July 8-14, 2024



**Normal Temperatures
Greensboro, NC**

Highs: 89°F
Lows: 69°F

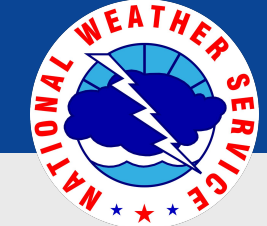
**Normal Temperatures
Raleigh, NC**

Highs: 91°F
Lows: 70°F

**Normal Temperatures
Fayetteville, NC**

Highs: 91°F
Lows: 72°F





Experimental Graphical Hazardous Weather Outlook

July 1, 2024
8:16 AM

	Today	Tue	Wed	Thu	Fri	Sat	Sun
Severe Thunderstorm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tornado	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Thunderstorm Wind	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hail	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lightning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Excessive Rainfall	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Excessive Heat	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wind	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fog	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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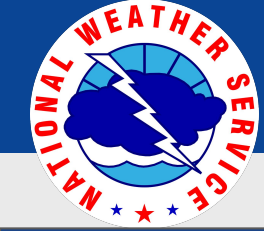
Risk Level	Category	Risk Level	Category
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<input type="checkbox"/>	Marginal	<input type="checkbox"/>	Moderate
<input type="checkbox"/>	Slight	<input type="checkbox"/>	High

Risk Level	Category
<input type="checkbox"/>	None
<input type="checkbox"/>	Limited
<input type="checkbox"/>	Elevated
<input type="checkbox"/>	Significant
<input type="checkbox"/>	Extreme

Click the following icon on our homepage: [weather.gov/raleigh](https://www.weather.gov/raleigh)



<https://www.weather.gov/erh/ghwo?wfo=rah>



Weather Summary and Expected Impacts

July 1, 2024
8:16 AM

Weather Summary

- Dry weather today as cold front moves off the coast.
- High pressure will settle across the region for quiet weather through mid week.
- Temperatures return to near/ slightly above normal Wednesday as high pressure slowly moves offshore.
- A cold front will move across the Ohio valley but expected to stay to the north, a few showers could be possible in western NC Thursday.
- The next chance for isolated showers and storms will be Friday through the weekend as a slow moving frontal boundary moves into the Mid-Atlantic region.

Hazards and Impacts

- Dangerously hot weather is expected later this week through the weekend. High temperatures will be in the mid 90s to near 100° Friday and Saturday. Heat index values will range from 100° to 109° during this time. These unusually hot conditions will increase the risk of heat-related illness, especially for those without access to air conditioning.

Local forecast for Raleigh Area:

