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.
The Upcoming Weather Pattern for Central NC

Key Points:

• High pressure will move offshore later today

• A weak (dry) front will move through Tuesday

• After a slight chance of rain on Thursday, expect a higher chance of rain Friday and Saturday

• Below normal temperatures today, near normal temperatures through the rest of the week, then below normal temperatures for Sunday
Severe Thunderstorm Potential for Days 1-8
Courtesy of the Storm Prediction Center (www.spc.noaa.gov)

Key Points:
• No severe thunderstorm threat.
WPC’s Excessive Rainfall Outlook
Courtesy of the Weather Prediction Center (www.wpc.ncep.noaa.gov)

Key Points:
- No flash flood threat.
Accumulated Precipitation Forecasts Through the Next 5 Days

Weather Prediction Center 24-Hour Day 1 Precipitation
Issued: Mon 10/09/23 8 AM ET
Valid: 8 AM 10/09/23 - 8 AM 10/10/23 ET

Weather Prediction Center 24-Hour Day 2 Precipitation
Issued: Mon 10/09/23 8 AM ET
Valid: 8 AM 10/10/23 - 8 AM 10/11/23 ET

Weather Prediction Center 24-Hour Day 3 Precipitation
Issued: Mon 10/09/23 8 AM ET
Valid: 8 AM 10/11/23 - 8 AM 10/12/23 ET

Weather Prediction Center 24-Hour Day 4 Precipitation
Issued: Mon 10/09/23 8 AM ET
Valid: 8 AM 10/12/23 - 8 AM 10/13/23 ET

Weather Prediction Center 24-Hour Day 5 Precipitation
Issued: Mon 10/09/23 8 AM ET
Valid: 8 AM 10/13/23 - 8 AM 10/14/23 ET

Weather Prediction Center 5-Day Precipitation
Issued: Mon 10/09/23 8 AM ET
Valid: 8 AM 10/09/23 - 8 AM 10/14/23 ET

Today

Tuesday

Wednesday

Thursday

Friday

5-Day Total
North Carolina Drought Update
For the assessment period ending October 3, 2023

This Week’s Drought Monitor of North Carolina Map
From the US Drought Monitor, authored by Brad Fugh (NDDA/NWS/NCEP/CPC) with input from the North Carolina Drought Management Advisory Council (ncdrought.org)

The Keowee-Toxaway basin has entered Stage 1 of its Low Inflow Protocol, with voluntary water conservation encouraged.

Streams in the Triad, including the Reedy Fork and Buffalo Creek, have seen flows below the historical 10th percentile over the past 7 days.

Tryon has had just 0.88 inches of rain since September 1 – its driest start to fall since 2016.

High Rock Lake has fallen by a foot over the past week as upstream inflows, including releases from W. Kerr Scott reservoir, continue to decline.

Statewide Condition Summary

What’s Changed? Abnormally Dry (D0) conditions have expanded across the western Piedmont and southern Mountains, with Moderate Drought (D1) emerging in Henderson, Polk, and Transylvania counties this week.

What’s New? Little to no rain fell across the state over the past week, and in some western areas, it has been almost two months since the last significant rain event.

Have We Seen This Before? From a late-September tropical storm at the coast to the emergence of dryness farther west, this fall is playing out very similar to last year. However, this was an even drier September than a year ago in places like Asheville, Cullowhee, and Murphy.

Last Week’s Drought Map

Statewide Coverage By Category

<table>
<thead>
<tr>
<th>Category</th>
<th>Coverage This Week</th>
<th>Change Since Last Week</th>
</tr>
</thead>
<tbody>
<tr>
<td>D0 Abnormally Dry</td>
<td>39.51%</td>
<td>+22.11%</td>
</tr>
<tr>
<td>D1 Moderate Drought</td>
<td>1.56%</td>
<td>+1.20%</td>
</tr>
<tr>
<td>D2 Severe Drought</td>
<td>0.00%</td>
<td>0.00%</td>
</tr>
<tr>
<td>D3 Extreme Drought</td>
<td>0.00%</td>
<td>0.00%</td>
</tr>
<tr>
<td>D4 Exceptional Drought</td>
<td>0.00%</td>
<td>0.00%</td>
</tr>
</tbody>
</table>
There is a minimal chance of a tropical system in the Gulf of Mexico.

A tropical system is likely to develop off the coast of Africa, but it should remain far away from North America.
8 to 14 day Outlook Courtesy of the Climate Prediction Center

8-14 Day Temperature Outlook
Courtesy of the Climate Prediction Center Valid: October 16-22, 2023

Greensboro, NC
Highs: 70°F
Lows: 48°F

Raleigh, NC
Highs: 72°F
Lows: 49°F

Fayetteville, NC
Highs: 74°F
Lows: 52°F

Central NC: 33-50% chance of below normal temperatures

Central NC: Below normal precipitation chances

Normal Temperatures
Greensboro, NC
Highs: 70°F
Lows: 48°F

Normal Temperatures
Raleigh, NC
Highs: 72°F
Lows: 49°F

Normal Temperatures
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Highs: 74°F
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Weather Summary

• High pressure will move offshore later today

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Hazards and Impacts

- None at this time.

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