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.
Severe Thunderstorm Outlook
Thursday, March 31st
When Thunder Roars, Go Indoors!

Overview
- Scattered strong to severe storms may develop ahead of a cold front

Timing
- This afternoon and evening

Hazards
- Damaging wind gusts
- Isolated tornado
- Local flash flooding
- Widespread non-convective wind gusts between 30 and 40 mph

What does a Slight Risk Mean?
Scattered severe thunderstorms possible. Short-lived and/or not widespread, isolated intense storms possible

Created: 3/31/2022 4:34 AM
weather.gov/rah
Radar Simulations for Today
Windy today, even outside of thunderstorms
The Upcoming Weather Pattern

Key Points:

- A cold front will set the stage for a round of showers & thunderstorms today. A couple of those thunderstorms may be severe with damaging straight-line winds the main threat.

- Outside of a stray shower east of I-95 Saturday night, mainly dry weather is expected tonight through daytime Tuesday.

- Friday night and Sunday night will be quite chilly, with low temp readings from the mid-30s to around 40s. Isolated patches of frost possible, so cover those garden plants or bring sensitive potted plants indoors those nights if possible.
Accumulated Precipitation Forecasts Through the Next 5 Days

Key Points:
• An inch or less of rain today, then dry through the weekend into early next week.
Key Points:
- Despite today’s thunderstorm risk, the risk for flash flooding is low.
Key Points for central North Carolina:

- Scattered severe storms are possible today. Damaging wind gusts and hail are the main hazards.
8 to 14 day outlook courtesy of the Climate Prediction Center
North Carolina Drought Update
For the assessment period ending March 29, 2022

This Week’s Drought Monitor of North Carolina Map

Rainfall was mixed in the Mountains, with more than 4 inches on some southern slopes but less than an inch from Asheville northward.

Streamflows remain below normal across the Coastal Plain, including the Cashie River in Windsor at its 7th percentile for the past week.

Dry, windy weather helped spread dozens of wildfires, including a 300-acre fire in Cumberland County.

Statewide Condition Summary

What’s Changed? Rain last week was heavy in areas but spotty overall, which brought some local improvements but also drought degradations on this week’s map.

What’s New? The sharp divide between wet and dry has continued, delineated by Interstate 95. Over the past two weeks, just 20 miles have separated areas to the west with 2+ from those with almost no rain in the east.

How Long Have We Been Dry? In many areas, our current dry spell began emerging about six months ago in late September. Drought first appeared at the central coast in late October, and after a mid-winter recovery, eastern North Carolina has slipped back into drought this spring.

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>10.34%</td>
<td>-9.05%</td>
</tr>
<tr>
<td>D1: Moderate Drought</td>
<td>27.12%</td>
<td>-0.38%</td>
</tr>
<tr>
<td>D2: Severe Drought</td>
<td>3.54%</td>
<td>+0.69%</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>
Weather Summary

• A cold front will set the stage for a round of showers & thunderstorms today.

• Windy today, even outside of thunderstorm activity.

• Outside of a stray shower east of I-95 Saturday night, mainly dry weather is expected tonight through daytime Tuesday.

Hazards and Impacts

• A couple of today’s thunderstorms may be severe with damaging straight-line winds the main threat.

• Friday night and Sunday night will be quite chilly, with low temp readings from the mid-30s to around 40s. Isolated patches of frost possible, so cover those garden plants or bring sensitive potted plants indoors those nights if possible.