October 2025 Climate Summary

Greensboro

Average Temperature: 59.3° (-0.9°)
Average High Temperature: 69.2° (-1.8°)
Average Low Temperature: 49.4° (+0.0°)
Precipitation: 1.67” (-1.43”)
Warmest Temperature: 80° (6th, 7th, 8th)
Coldest Temperature: 38° (25th)

Raleigh

Average Temperature: 60.6° (-1.1°)
Average High Temperature: 71.2° (-1.8°)
Average Low Temperature: 50.1° (-0.2°)
Precipitation: 2.14” (-1.23”)
Warmest Temperature: 86° (7th)
Coldest Temperature: 37° (25th)

Fayetteville

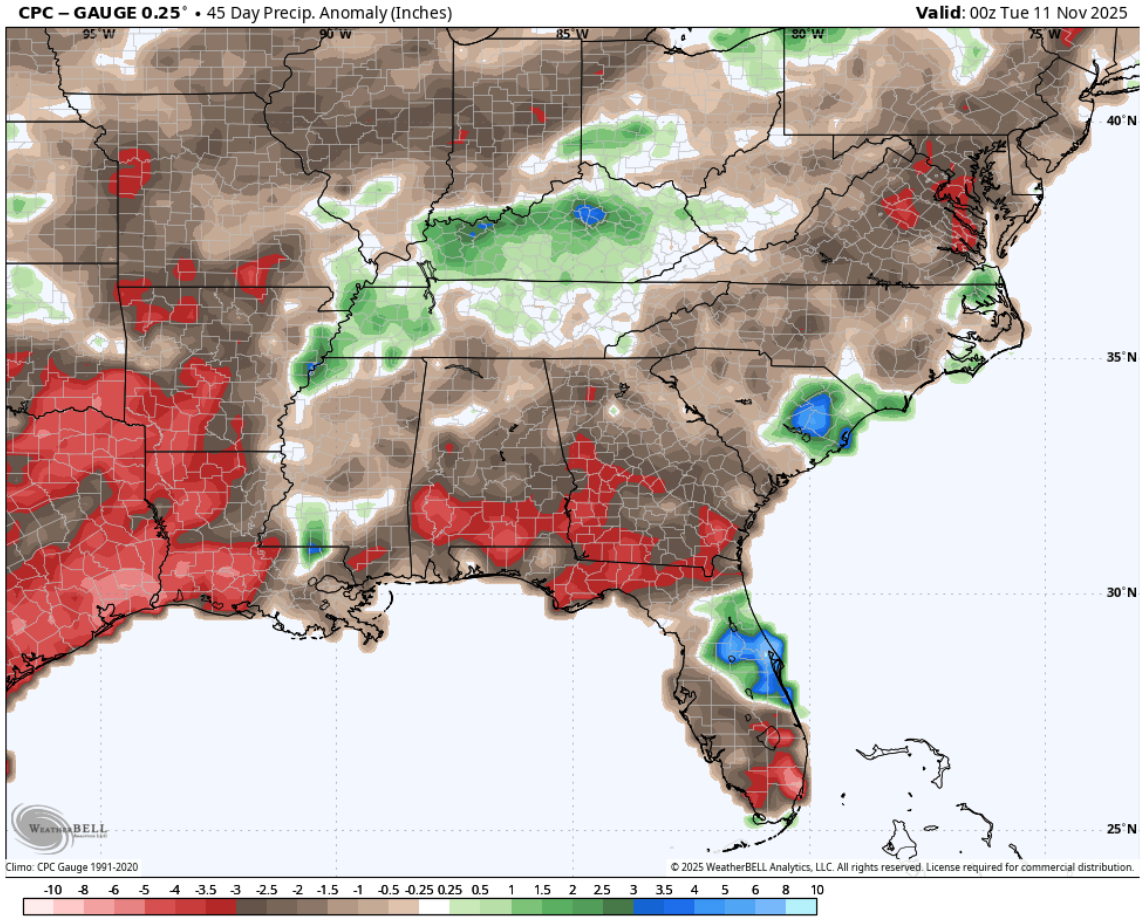
Average Temperature: 62.0° (-1.8°)
Average High Temperature: 71.9° (-2.9°)
Average Low Temperature: 52.0° (-0.9°)
Precipitation: 2.73” (-0.50”)
Warmest Temperature: 84° (6th)
Coldest Temperature: 39° (23rd)

Temperature
Above/Below Normal
Precipitation
Above/Below Normal

NATIONAL WEATHER SERVICE
OCEANIC AND ATMOSPHERIC ADMINISTRATION
Raleigh, NC

45-Day Precipitation Anomalies

October 2025 was again dry across our region. This dryness has persisted into November. The October rainfall anomalies graphic to the right shows the vast majority of NC has been below normal, with many areas totaling 1 to 3 inches below normal. Note the dryness dominating most of the Southeast US in the past 45 days.



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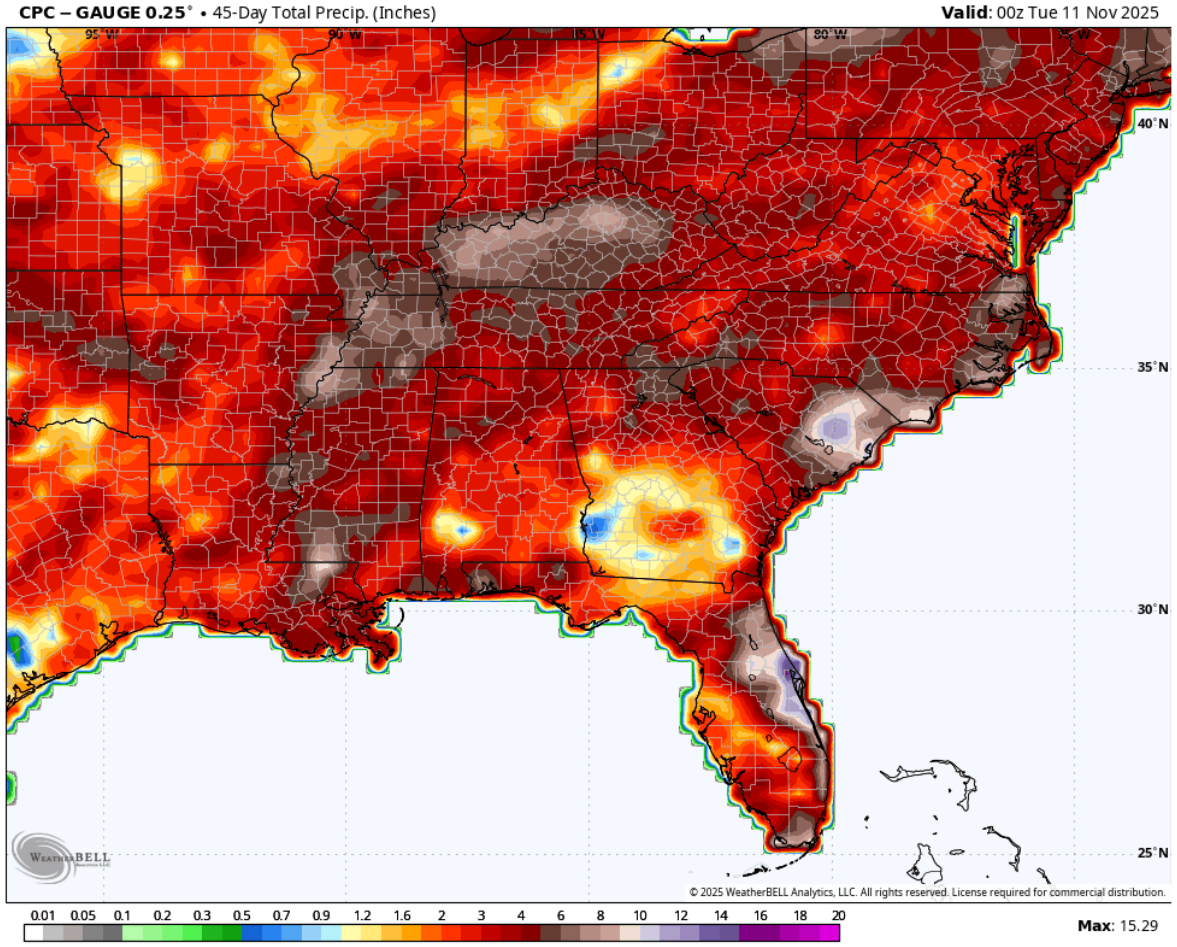
45-Day Total Precipitation

The figure to the right, illustrating October 1 through November 11 (45-day) rainfall totals, shows much of central NC was in the 2 to 4 inch range.

All three climate sites had below-normal precipitation in October. Greensboro's monthly total was only 54% of normal, Raleigh's was 64% of normal, and Fayetteville's was 85% of normal.



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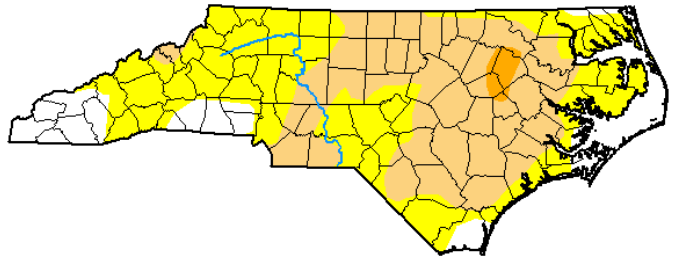
US Drought Monitor

The dryness was also indicated in the latest the US Drought Monitor for NC as of November 25, 2025. Note the abnormally dry to severe drought conditions, with the driest areas in the Coastal Plain (Wilson, Edgecombe, Nash Counties).

U.S. Drought Monitor

North Carolina



November 25, 2025

(Released Wednesday, Nov. 26, 2025)

Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	10.69	89.31	43.98	1.59	0.00	0.00
Last Week 11-18-2025	10.69	89.31	43.86	1.59	0.00	0.00
3 Months Ago 08-26-2025	100.00	0.00	0.00	0.00	0.00	0.00
Start of Calendar Year 01-07-2025	11.26	88.74	48.84	0.00	0.00	0.00
Start of Water Year 09-30-2025	18.38	81.62	23.92	0.00	0.00	0.00
One Year Ago 11-26-2024	0.00	100.00	33.27	0.00	0.00	0.00

Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to https://droughtmonitor.unl.edu/About.aspx

Author:

David Simeral
Western Regional Climate Center

droughtmonitor.unl.edu

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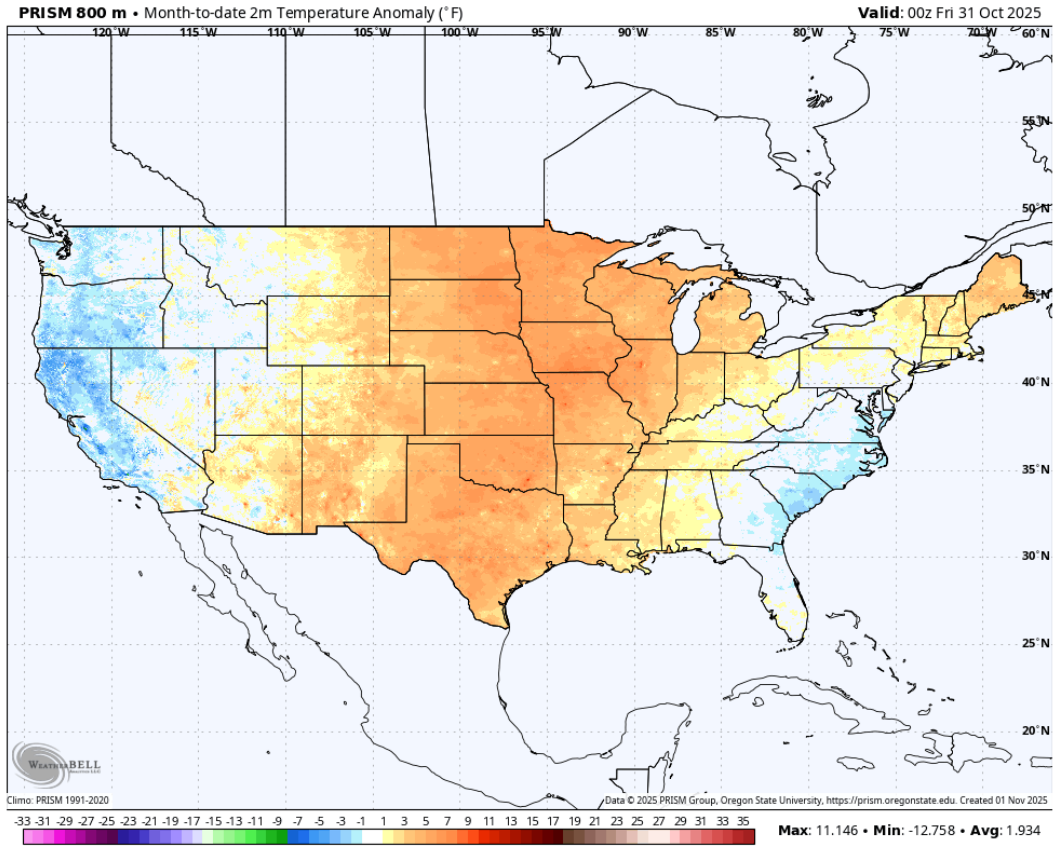
October Temperature Anomalies

North Carolina experienced a relatively cool October, especially when compared to the central US. The average October temperature anomalies graphic shows that NC ended the month with temperatures either very close to the 30-year averages (white areas) or slightly below normal (blue areas). The blue areas were at least 1°F below normal.

A core of warmth, with many areas 5+°F above normal, stretched from Mexico north through the Plains into the Great Lakes and Canada. Kansas City, Missouri, within the core of warmth, averaged a whopping 6.3°F above normal, with an average October temperature of 62.7°F.



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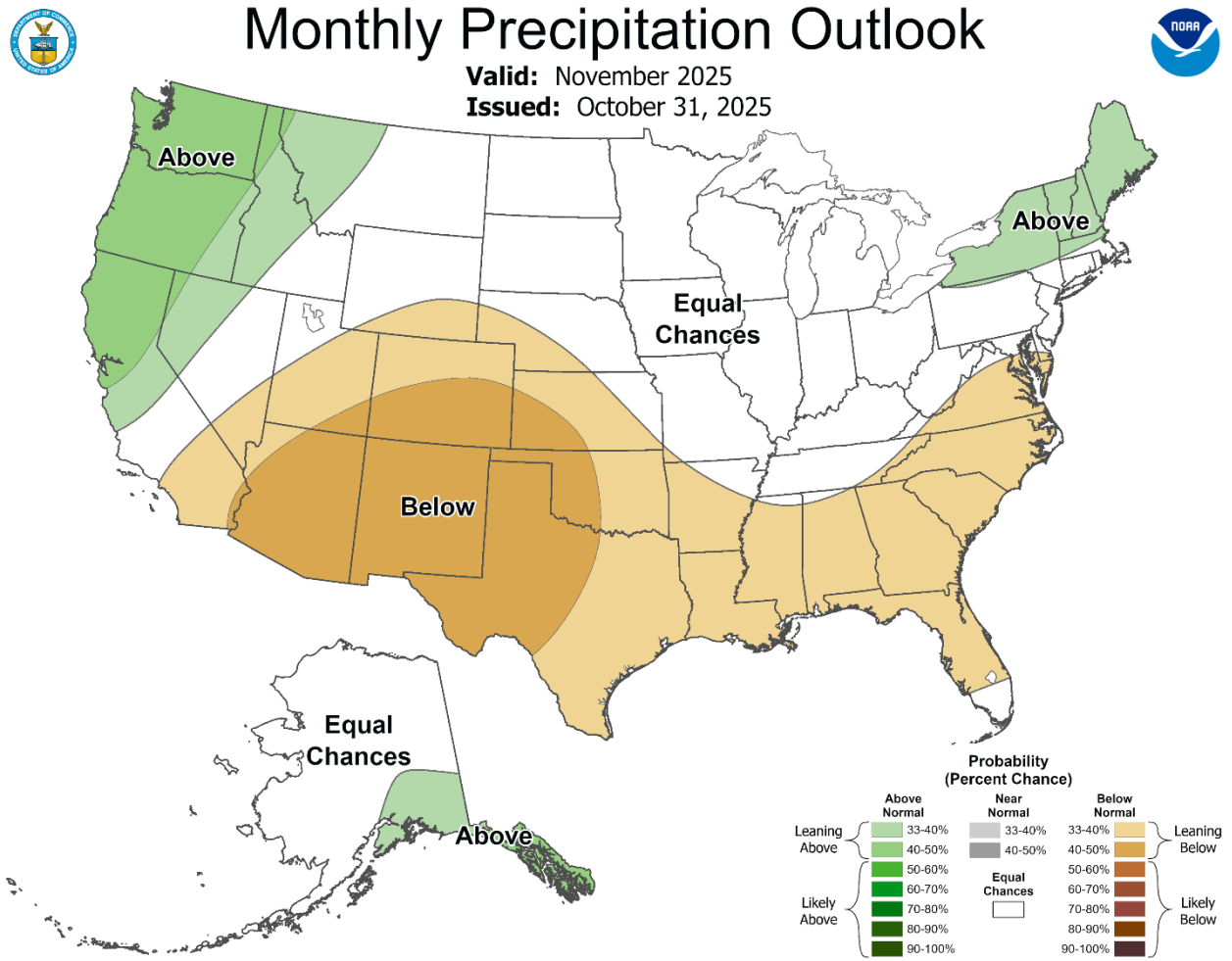
November Precipitation Outlook

The CPC forecast probabilities for November indicate a slightly higher likelihood of dryness (33 to 40 percent probabilities) extending across the Southern US, leaning below normal. Slightly higher probabilities of dryness (up to 50 percent) are in the outlook for the Southwest US.



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November Precipitation Outlook

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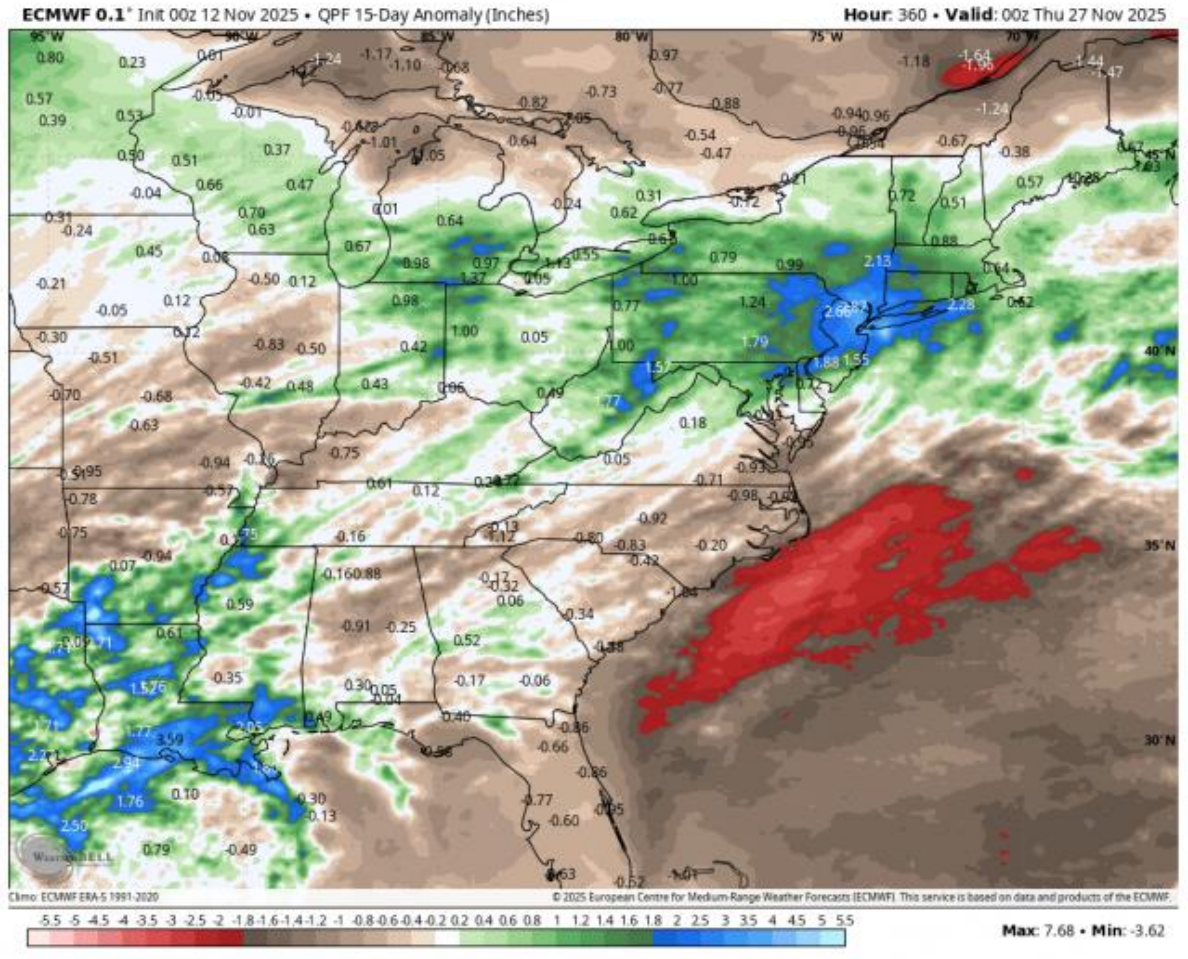
According to the latest models, the next two weeks should be drier than normal across central NC. The ECMWF forecast from November 12 through November 27 depicts forecast rainfall anomalies of up to an inch over NC this period.

November is typically a relatively dry month, with rainfall averages slightly over 3 inches at Greensboro, Raleigh, and Fayetteville. With the leaning dry forecast for NC, we may very well end up with even lower totals than this.



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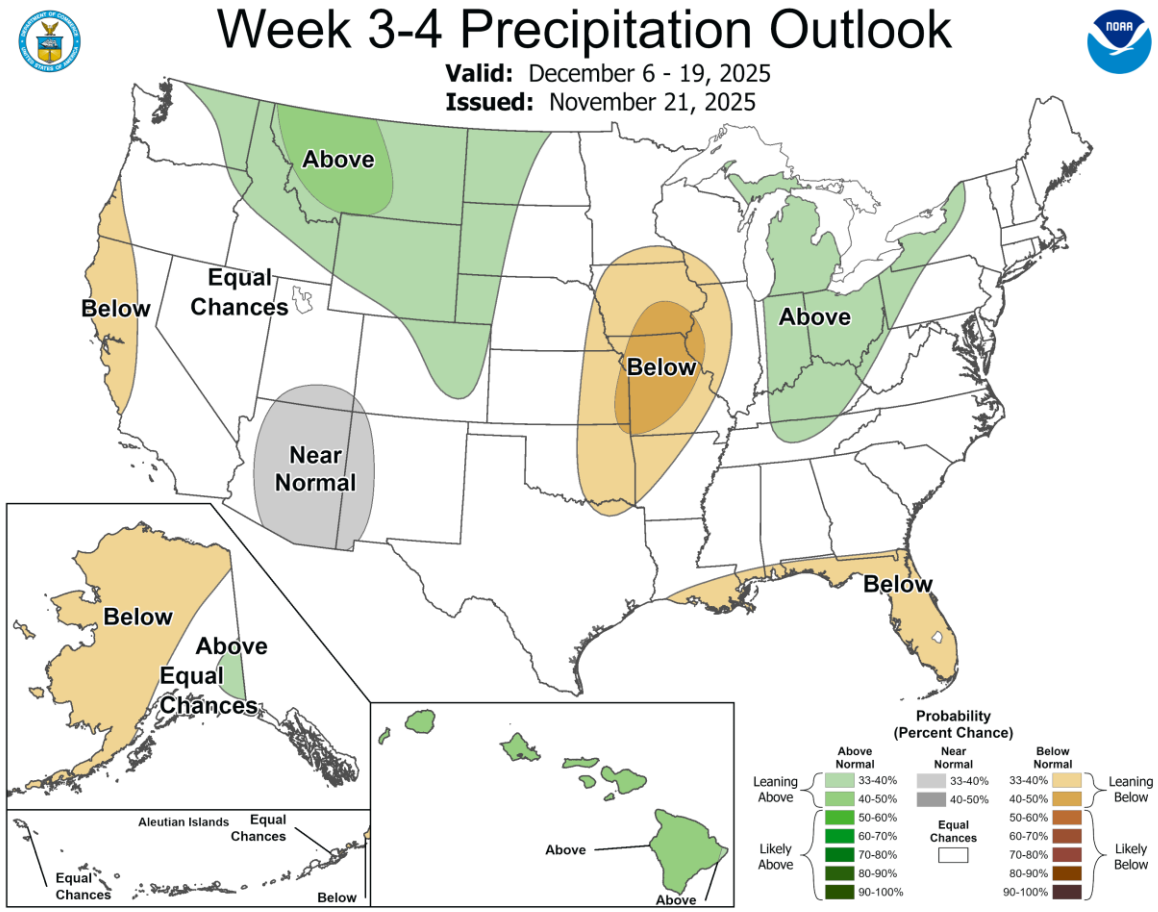
Week 3-4 Precipitation Outlook

The CPC 3-4 Week Precipitation Outlook suggests equal probabilities of above and below normal temperatures across NC.



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Week 3-4 Temperature Outlook

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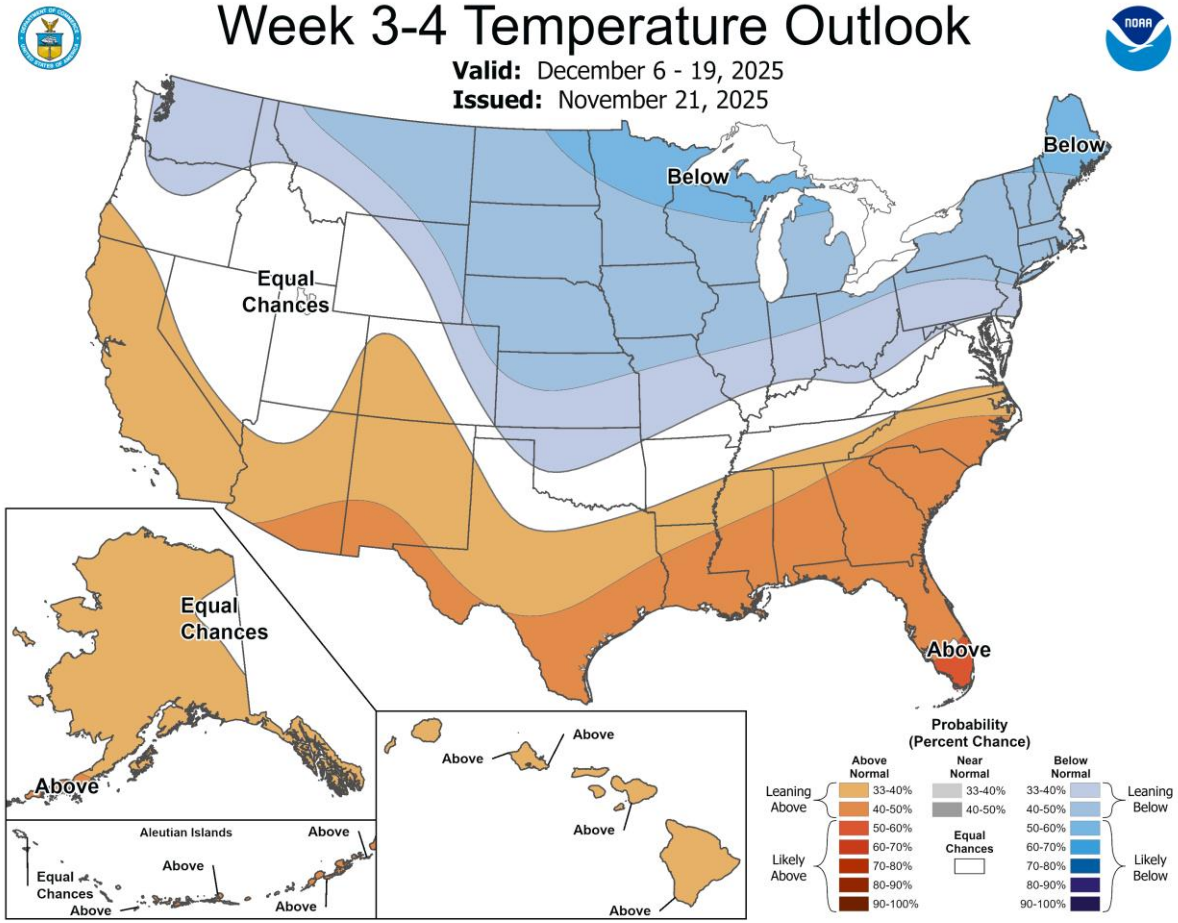
The CPC 3-4 Week Temperature Outlook suggests slightly increased probabilities (33-50%) of above-normal temperatures across the region.



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Winter Precipitation Outlook

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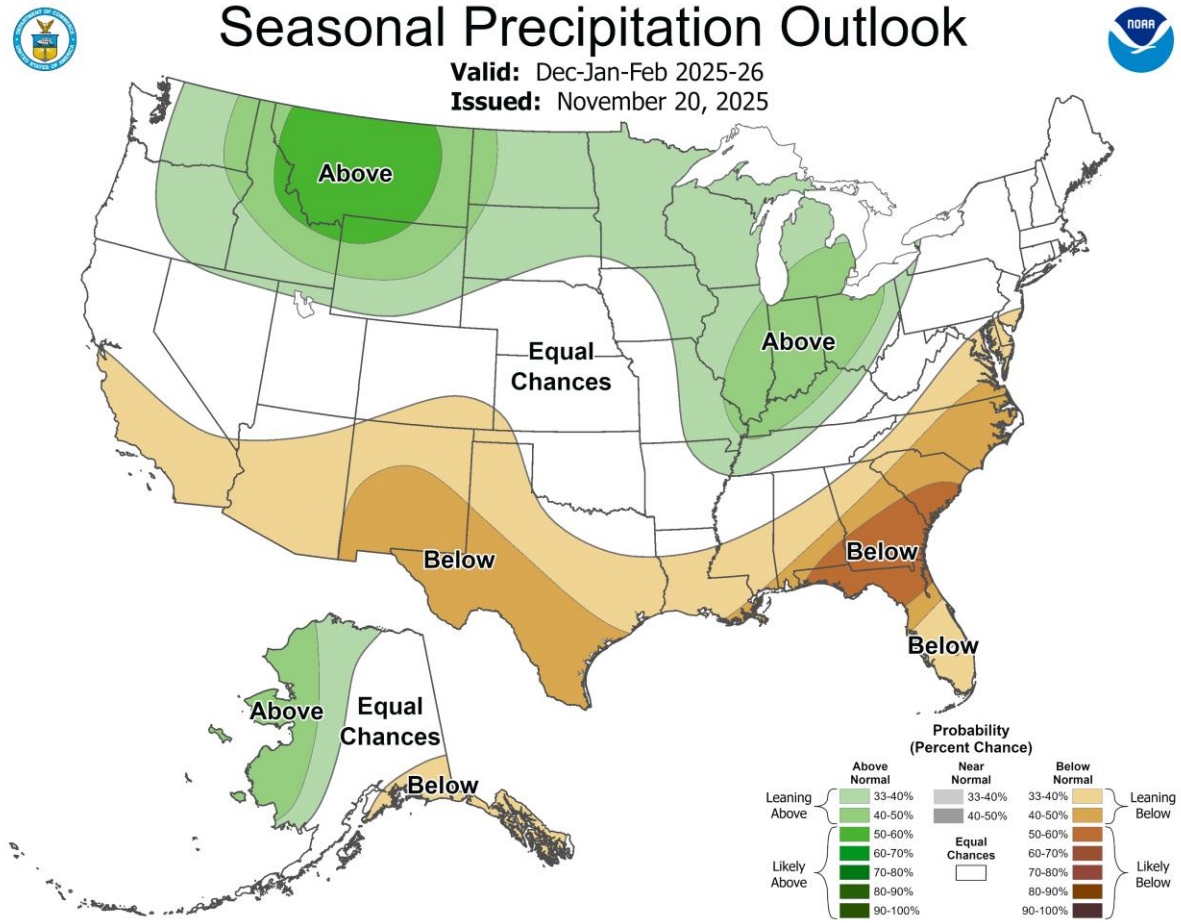
This outlook suggests that dryness may very well prevail and potentially expand later in the year into early 2026. The December through February Precipitation Outlook leans toward dryness in the Southeast (40 to 50 percent). A weak La Niña that becomes neutral and recent yearly trends are noted as contributing factors to this forecast.



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Winter Temperature Outlook

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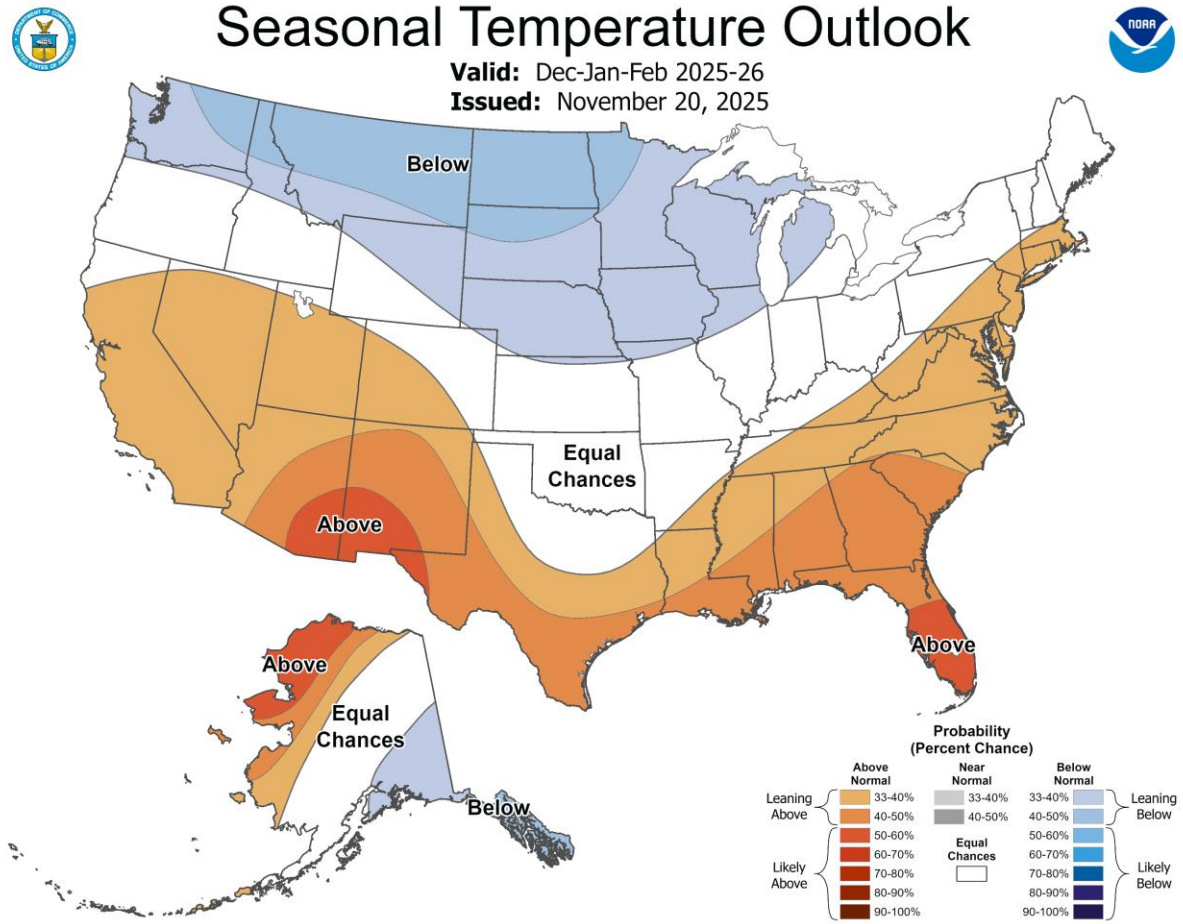
This outlook suggests that above normal temperatures are slightly favored (33-40% chance) in the December through February period.



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November-February Drought Outlook

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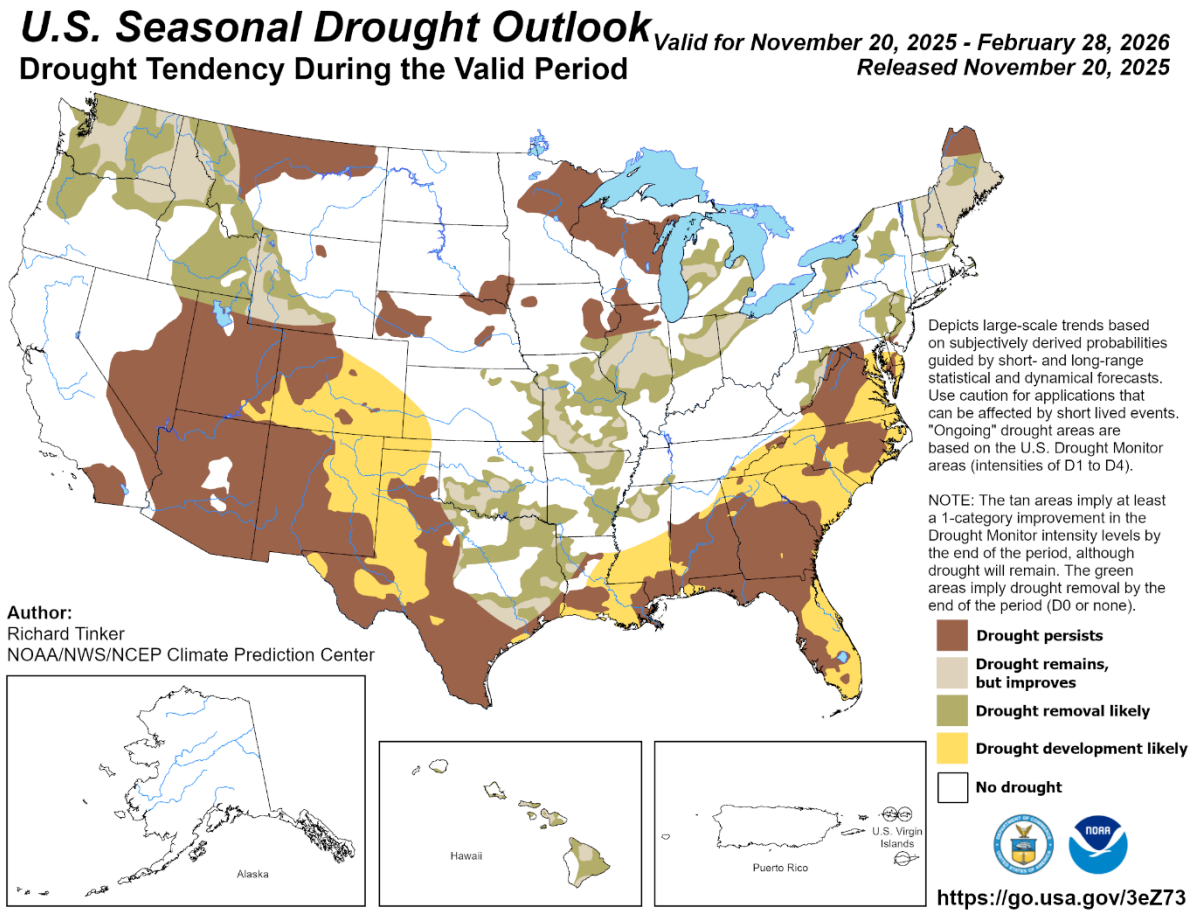
The US Seasonal Drought Outlook for late November through February expects drought to persist across much of central and eastern NC, as well as expand farther west into the state.



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May-July Precipitation Outlook

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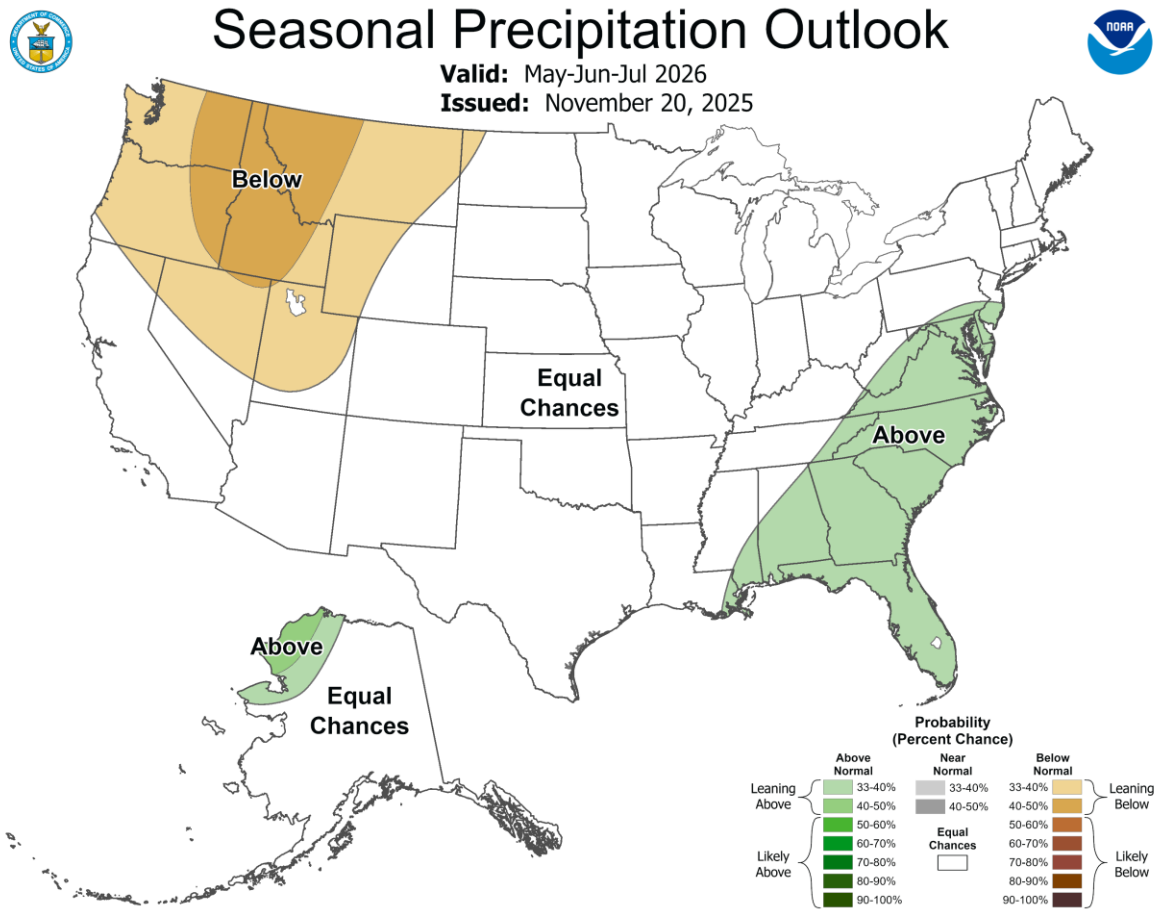
Just in case this raises concerns about a long-term drought developing, the CPC outlook for May through July 2026 favors wetter weather for our region!



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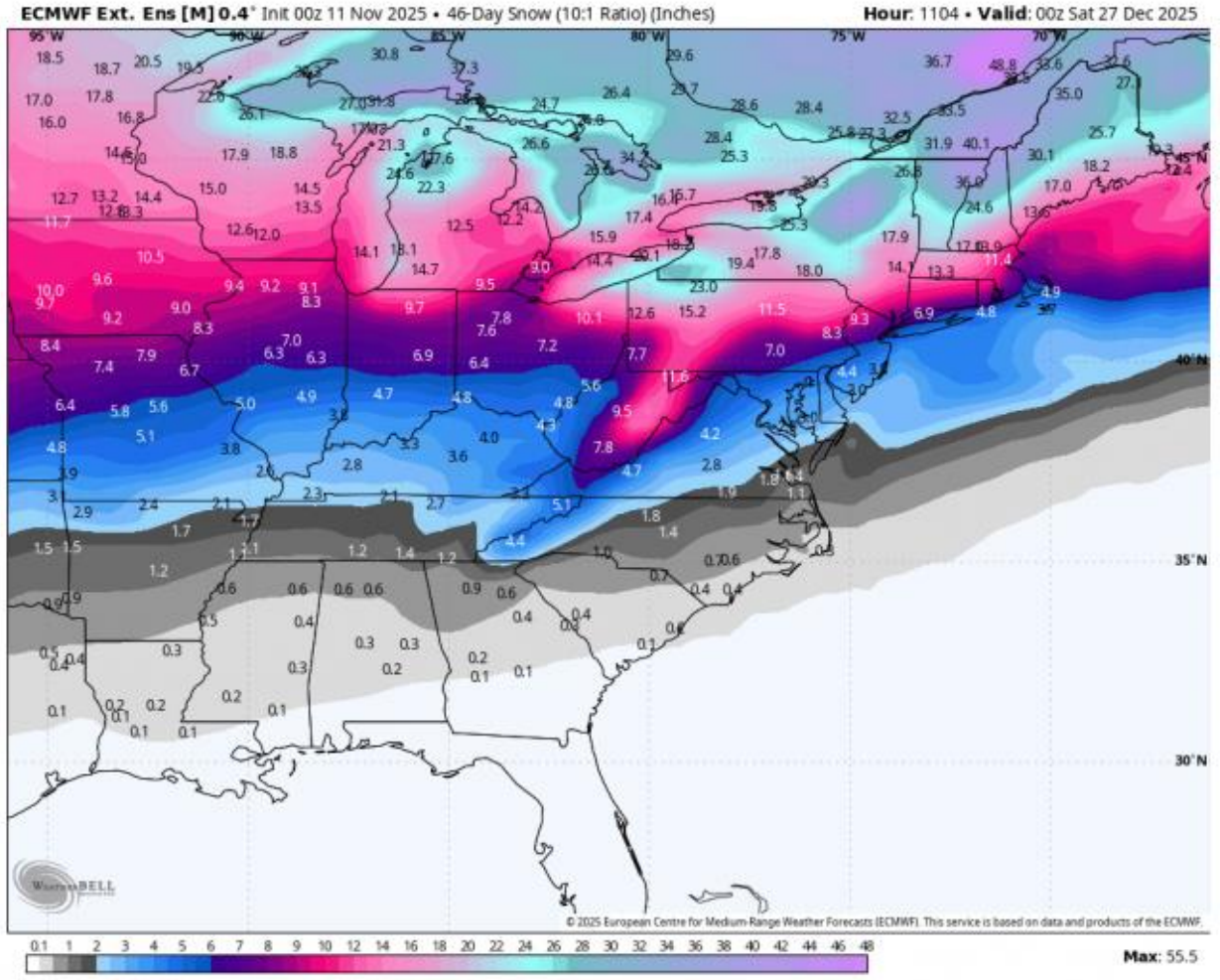
Snowfall Outlook

As for snow chances, the ensembles are already pumping out some accumulating snow especially over western and northern NC in December. Check out the ECMWF Extended Ensemble 46-day snowfall ending on December 27, 2025. Do not take this literally as the models change often dramatically over time. Maybe watch for trends or persistence in the forecasts with time. But these forecasts do suggest a turn to a colder pattern in December.



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