



Drought Information Statement

For East Tennessee, Southwest Virginia, and Southwest North Carolina

Valid January 30, 2025

Issued By: WFO Morristown, TN

Contact Information: sr-mrx.webmaster@noaa.gov

- This product will be updated in the next week or sooner if drought conditions change significantly.
- Please see all currently available products at <https://drought.gov/drought-information-statements>.
- Please visit <https://www.weather.gov/mrx/DroughtInformationStatement> for previous statements.





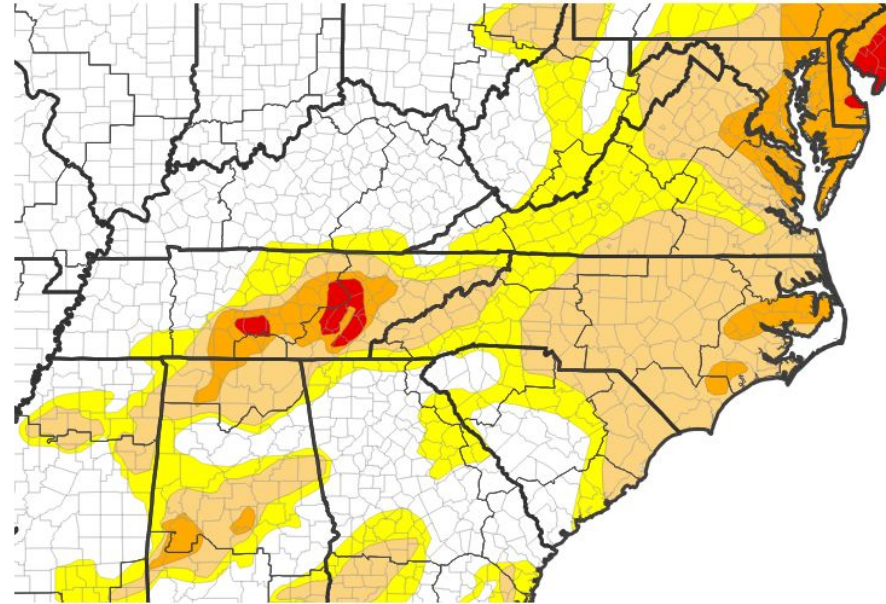
U.S. Drought Monitor

Link to the [latest U.S. Drought Monitor](#) for the NWS Morristown CWA

- **Drought intensity and Extent**

- **D4 (Exceptional Drought):** None.
- **D3 (Extreme Drought):** Portions of the central to southern Valley and the Cumberland Plateau
- **D2 (Severe Drought):** Other portions of the central and southern Valley into the Cumberland Plateau
- **D1 (Moderate Drought):** Most remaining areas of East Tennessee into southwest North Carolina
- **D0: (Abnormally Dry):** Far northern Tennessee into portions of southwest Virginia

U.S. Drought Monitor



U.S. Drought Monitor



Source(s): NDMC, NOAA, USDA; image courtesy of Drought.gov

Data Valid: 01/28/25



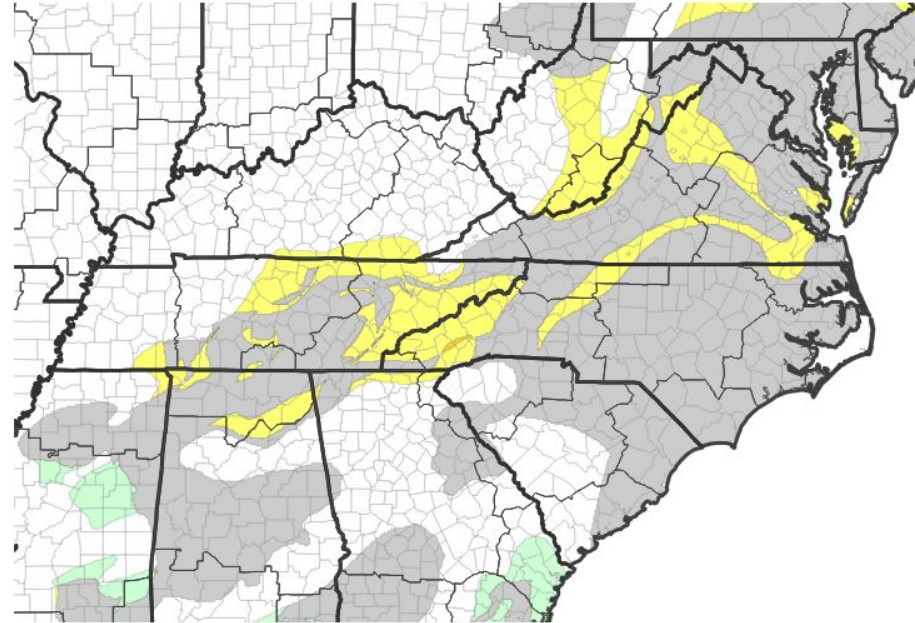


Recent Change in Drought Intensity

Link to the latest 1-week change map for the Southern Appalachians

- Four Week Drought Monitor Class Change.
 - **Drought Worsened:** Across many places in East Tennessee to northern Cherokee and Clay Counties
 - **No Change:** Southwest Virginia and remaining places
 - **Drought Improved:** None.

U.S. Drought Monitor 1-Week Change Map



Drought Change Since Last Week



Source(s): NDMC, NOAA, USDA; image courtesy of Drought.gov

Data Valid: 01/28/25

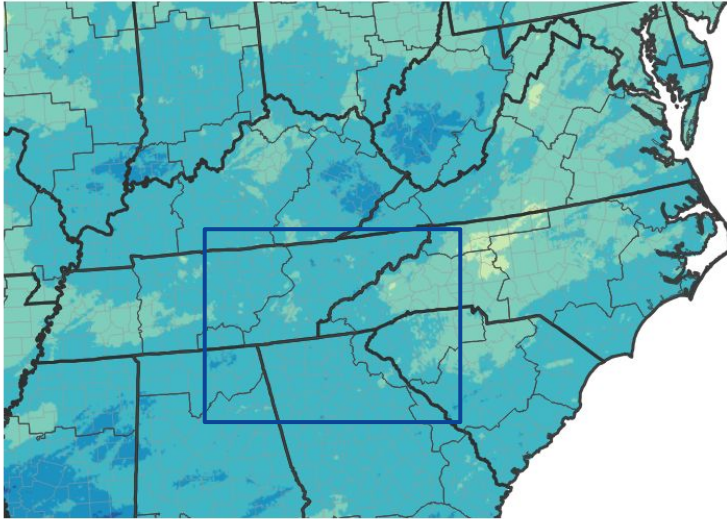




Precipitation

- Precipitation has been below normal

30-Day Precipitation Accumulations (Inches)

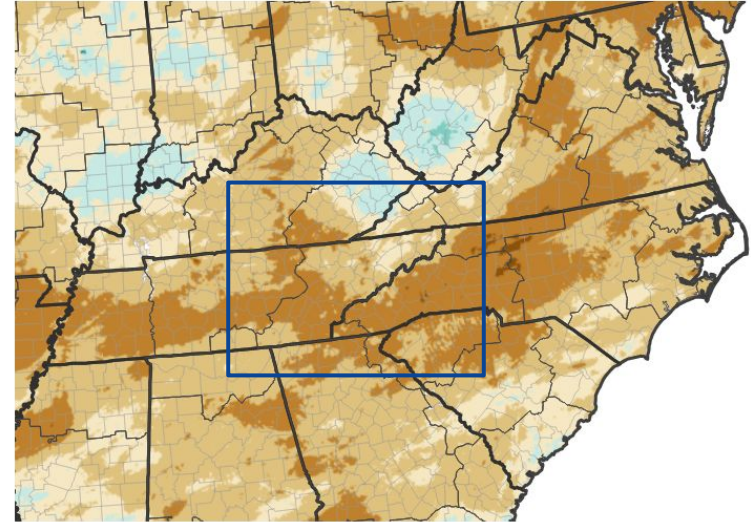


Inches of Precipitation

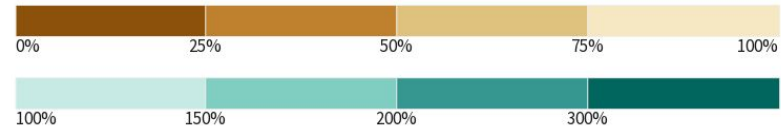


Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov Last Updated: 01/30/25

30-Day Percent of Normal Precipitation



Percent of Normal Precipitation (%)



Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov Last Updated: 01/30/25

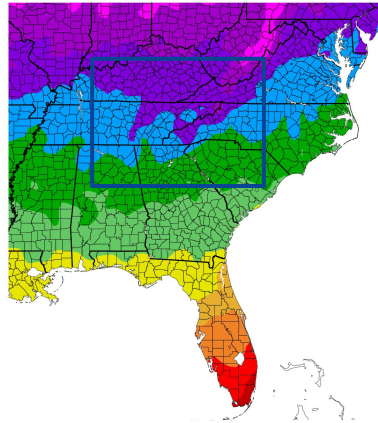




Temperature

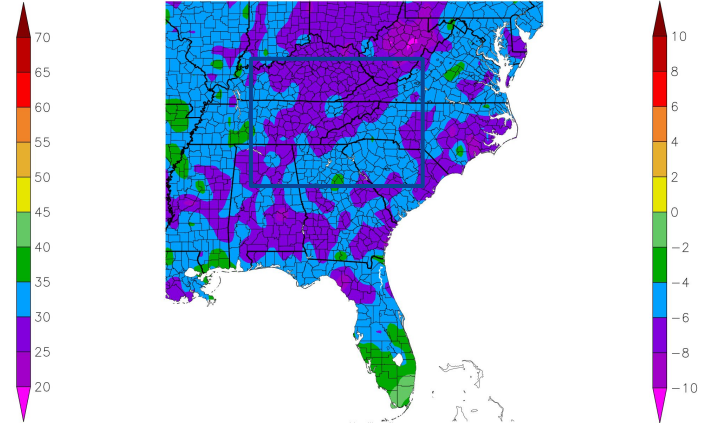
- Temperatures have been far below normal the past 4 weeks.

Temperature (F)
12/31/2024 - 1/29/2025



Generated 1/30/2025 at HPRCC using provisional data.

Departure from Normal Temperature (F)
12/31/2024 - 1/29/2025



NOAA Regional Climate Centers 025 at HPRCC using provisional data.

NOAA Regional Climate Centers





Summary of Impacts

Links: See/submit [Condition Monitoring Observer Reports \(CMOR\)](#) and view the [Drought Impacts Reporter](#)

Hydrologic Impacts

- Stream flows are generally near to below normal

Agricultural Impacts

- Soil moisture is below normal for agriculture.

Fire Hazard Impacts

- Tennessee Forestry has reported little to no fire activity, but activity has increased in western North Carolina.

Other Impacts

- Stay tuned for future updates.

Mitigation Actions

- Please refer to your municipality and/or water provider for mitigation information. Continue to abide by any local burning bans and regulations.

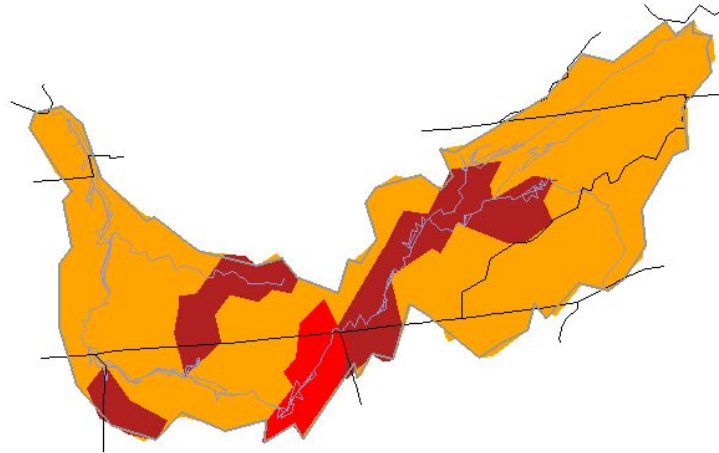




Hydrologic Conditions and Impacts

Wednesday, January 29, 2025

- Streamflows are below to well below normal across the area.



Explanation - Percentile classes							
Low	<10	10-24	25-75	76-90	>90	High	No Data
	Much below normal	Below normal	Normal	Above normal	Much above normal		

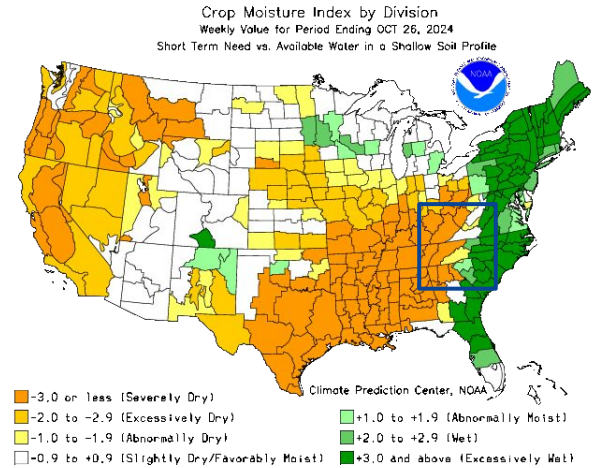
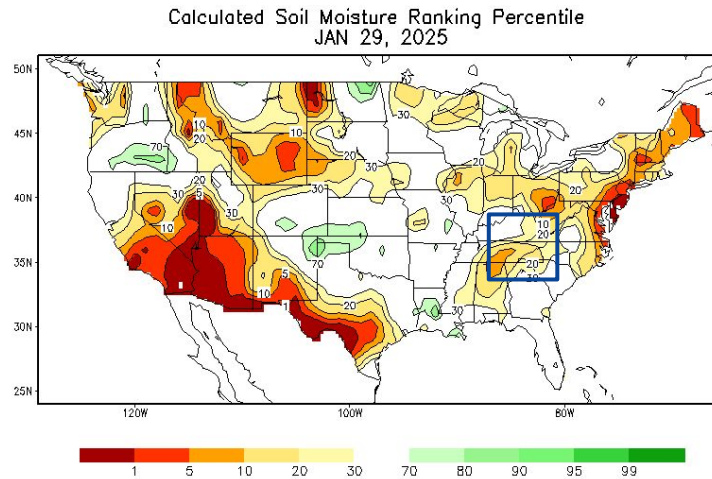
Image Caption: USGS 7 day average streamflow HUC map.





Agricultural Impacts

- Recent dry weather has resulted in some drier soil conditions over the past week.





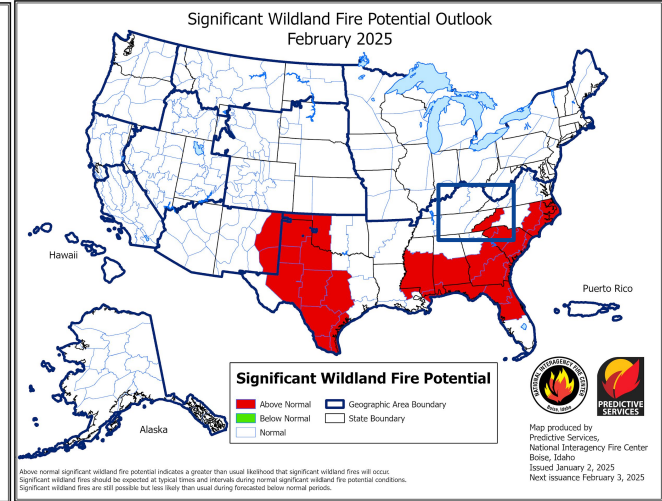
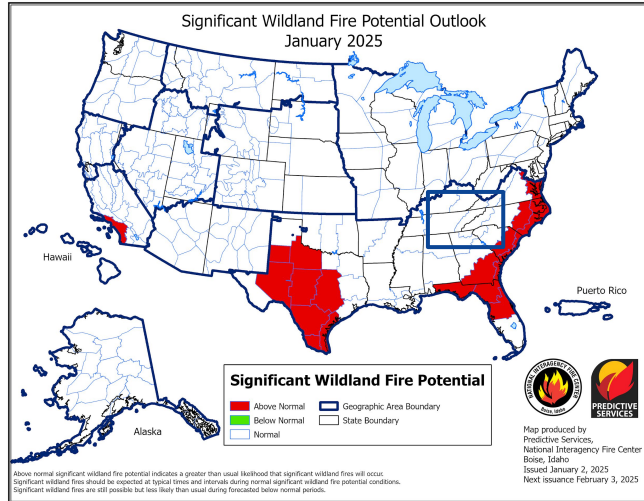
Fire Hazard Impacts

Link to [Wildfire Potential Outlooks from the National Interagency Coordination Center.](#)

Latest TN Burn Ban map available [here.](#)

Latest VA Burn Ban map available [here.](#)

Latest NC Burn Ban information available [here.](#)

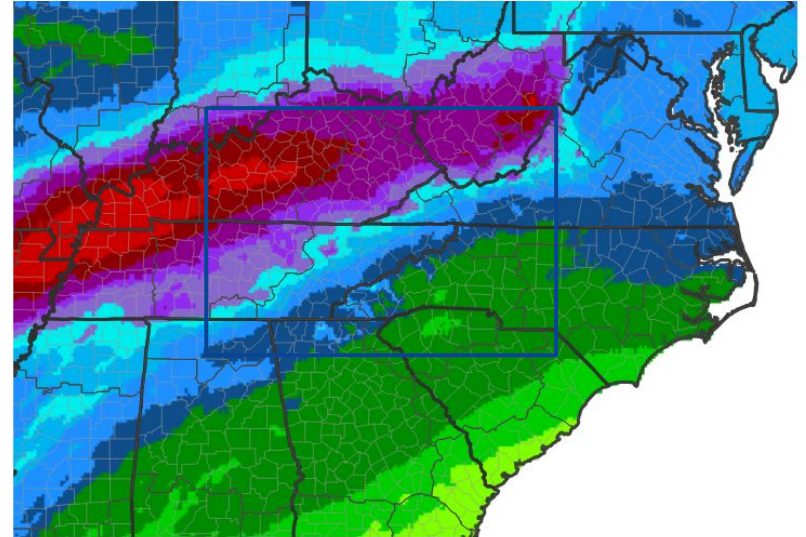




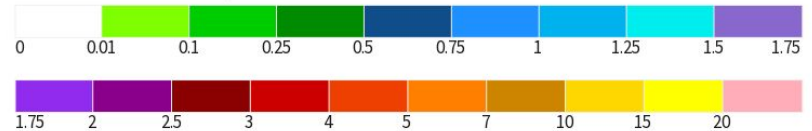
Seven Day Precipitation Forecast

- Light to moderate rainfall is expected overnight tonight and through Friday
 - Most places will see around 1” or more with the heaviest totals to our north and west.
 - Limited rainfall is expected after tomorrow.

7-Day Quantitative Precipitation Forecast for January 30, 2025–February 6, 2025



Predicted Inches of Precipitation



Source(s): National Weather Service Weather Prediction Center; image courtesy of Drought.gov

Last Updated: 01/30/25





Rapid Onset Drought Outlook

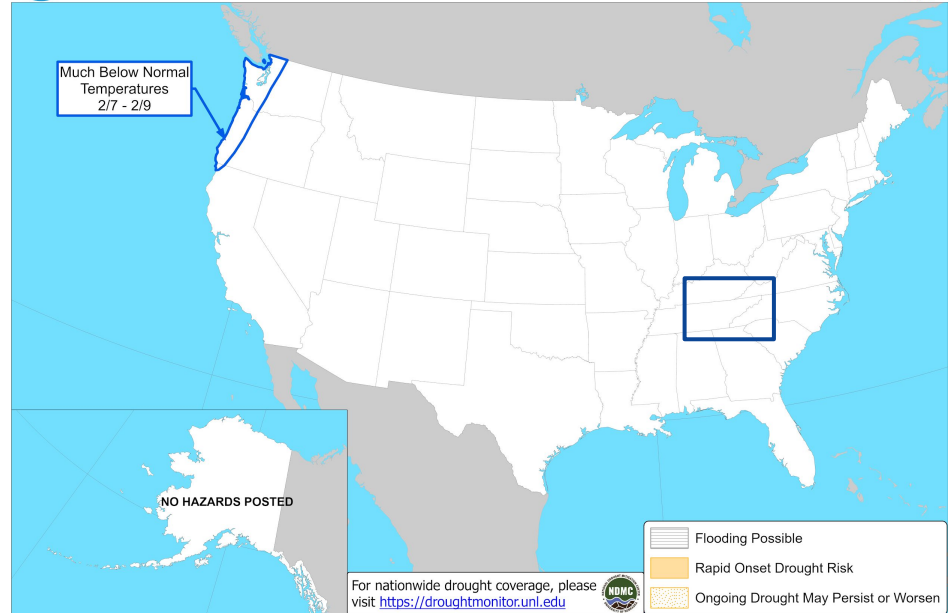
Links to the latest Climate Prediction Center 8 to 14 day [Temperature Outlook](#) and [Precipitation Outlook](#).

- No hazards in the Week 2 timeframe



Days 8-14 U.S. Hazards Outlook

Valid: February 7 - 13, 2025



Climate Prediction Center

Released: January 30, 2025 3:00 PM EST

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www.cpc.ncep.noaa.gov



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

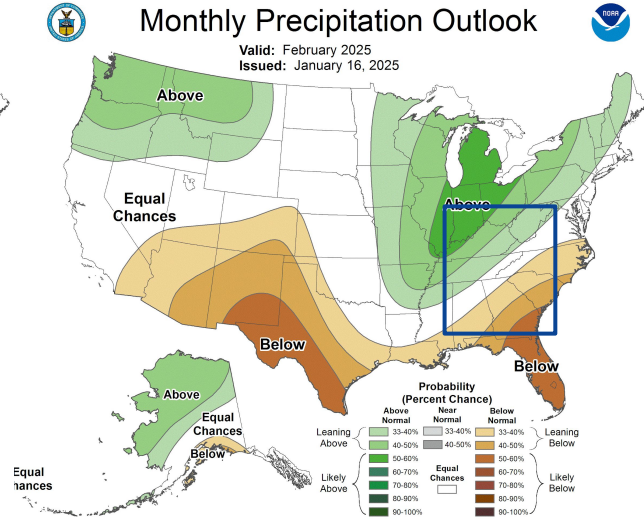
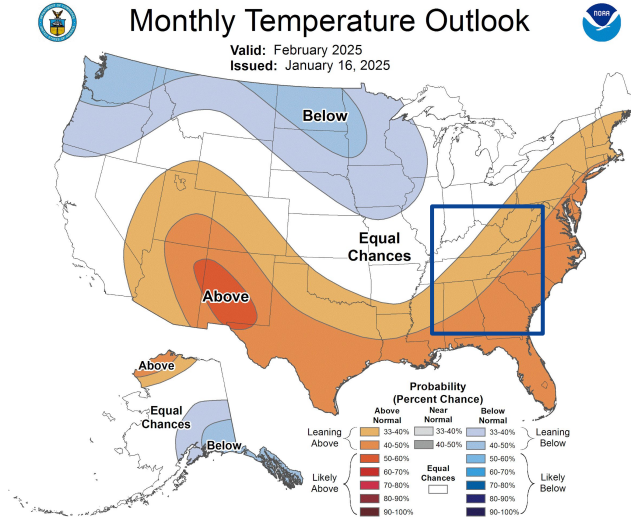
National Weather Service
Morristown, TN



Long-Range Outlooks

The latest monthly and seasonal outlooks can be found on the [CPC homepage](#)

- Above normal temperatures and above normal rainfall are slightly favored for the month of February.



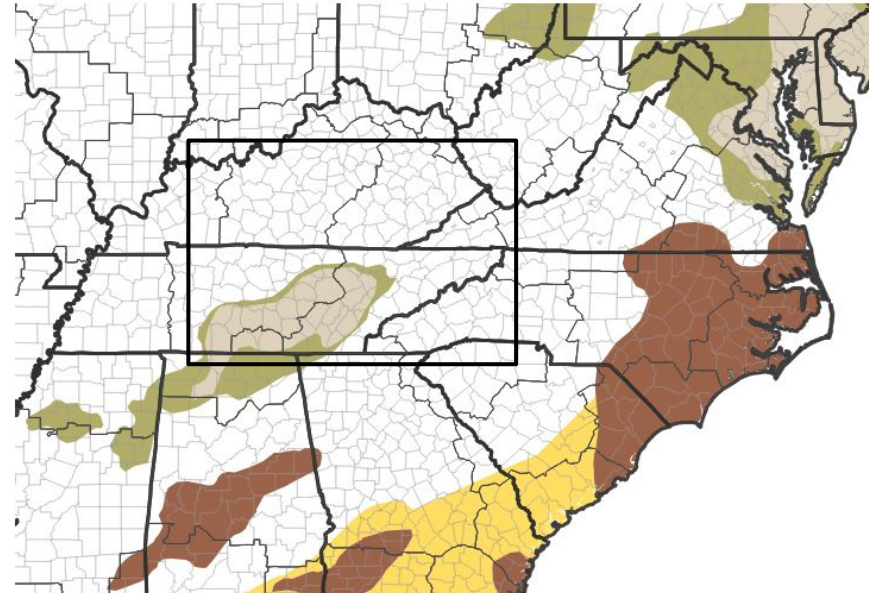


Drought Outlook

The latest monthly and seasonal outlooks can be found on the [CPC homepage](#)

- Drought conditions will improve or end over the next couple of months.

Seasonal (3-Month) Drought Outlook for January 16, 2025–April 30, 2025



Drought Is Predicted To...



Source(s): Climate Prediction Center; image courtesy of Drought.gov

Last Updated: 01/16/25

Links to the latest:

[Climate Prediction Center Monthly Drought Outlook](#)

[Climate Prediction Center Seasonal Drought Outlook](#)



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