



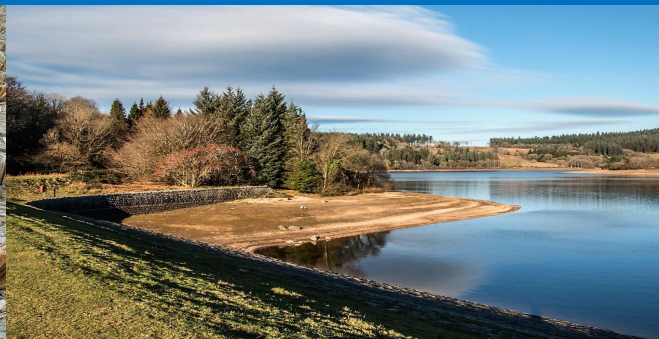
# Drought Information Statement for the Mid-South

Valid 12/12/2024

Issued By: NWS Memphis, TN

Contact Information: [sr-meg.wx@noaa.gov](mailto:sr-meg.wx@noaa.gov)

- This product will be updated by December 26, 2024, or if conditions worsen.
- Please see all currently available products at <https://drought.gov/drought-information-statements>.
- Please visit <https://www.weather.gov/meg/DroughtInformationStatement> for previous statements.



National Oceanic and Atmospheric Administration

U.S. Department of Commerce

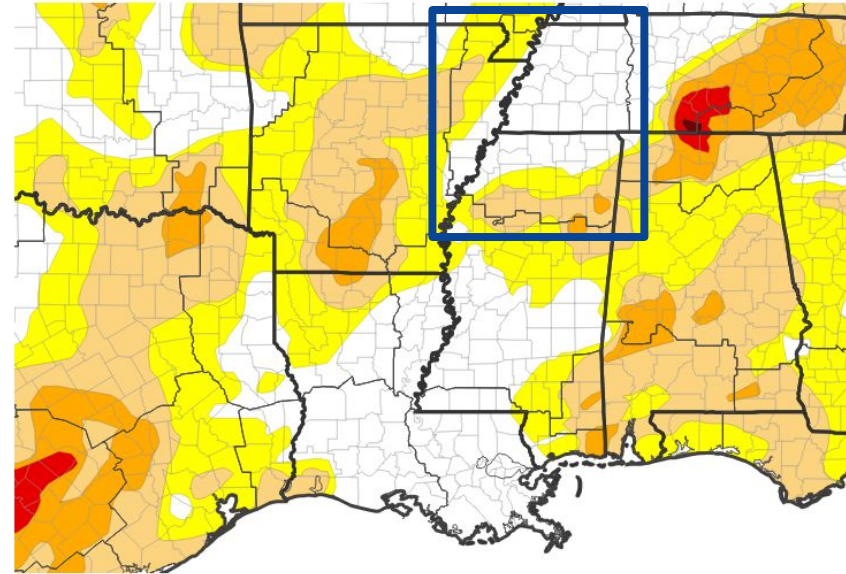


# U.S. Drought Monitor

Link to the [latest U.S. Drought Monitor](#) for the Mid-South

- DROUGHT CONTINUES
- Drought intensity and extent
  - D4 (Exceptional Drought): None.
  - D3 (Extreme Drought): None.
  - D2 (Severe Drought): A small portion of north MS.
  - D1 (Moderate Drought): A portion of north MS and northeast Arkansas.
  - D0 (Abnormally Dry): Portions of West TN, north MS, northeast AR, and the MO Bootheel.

## U.S. Drought Monitor



## U.S. Drought Monitor



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

Data Valid: 12/10/24

Image Caption: U.S. Drought Monitor valid 7 a.m. EST December 10, 2024



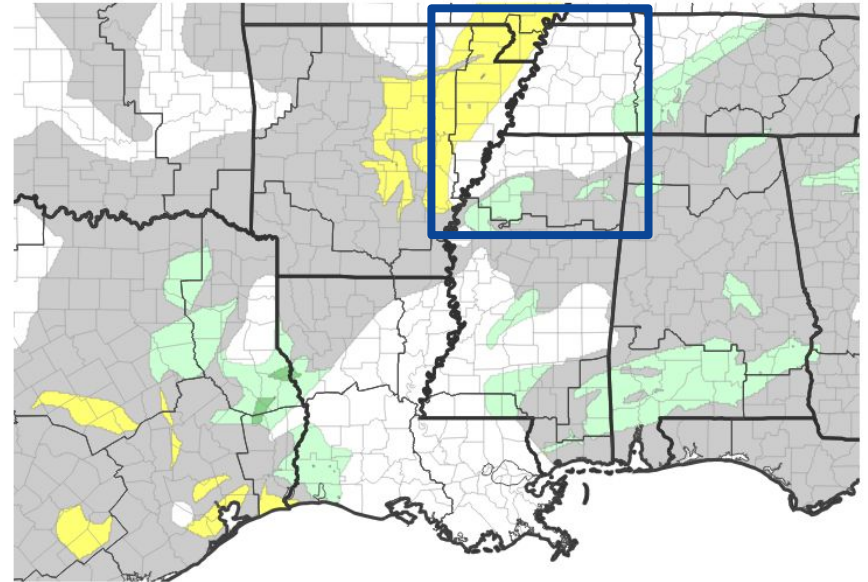


# Recent Change in Drought Intensity

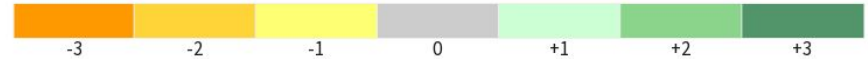
Link to the latest [4-week change map](#) for the Mid-South

- One-Week Drought Monitor Class Change
  - No change: Portions of north MS
  - Drought improved: Portions of north MS and West TN.
  - Drought worsened: Portions of northeast AR and the MO Bootheel.

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: 12/10/24

Image Caption: U.S. Drought Monitor 1-week change map valid 7 a.m. EST December 10, 2024

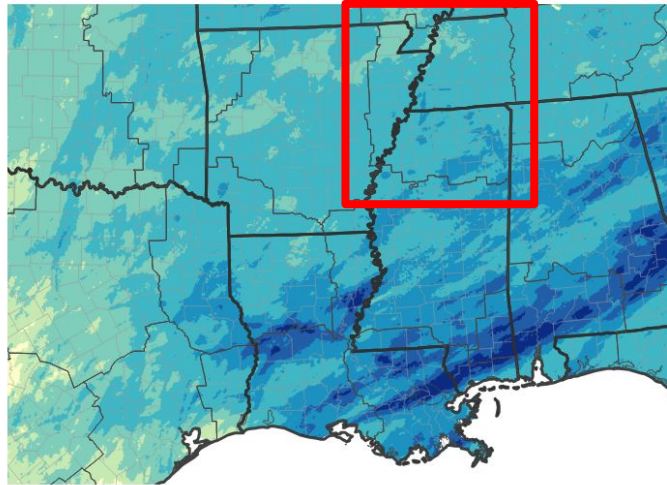




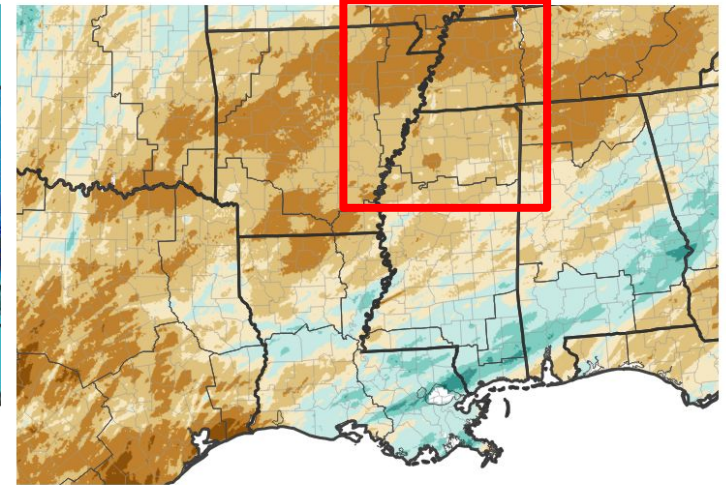
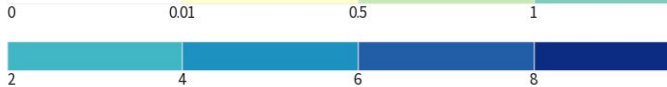
# Precipitation

Over the past 30 days from the [High Plains Regional Climate Center](#)

- Precipitation totals over the past 30 days generally ranged from 1-4 inches.
- Rainfall amounts over the past 30 days were widely below normal across the region.



Inches of Precipitation



Percent of Normal Precipitation (%)



Image Captions:  
Left - [Percent of Normal Precipitation for NWS-Southern Region East](#)  
Right - [Precipitation for NWS- Southern Region East](#)

Data Courtesy High Plains Regional Climate Center.  
Data over the past 30 days ending December 17, 2024



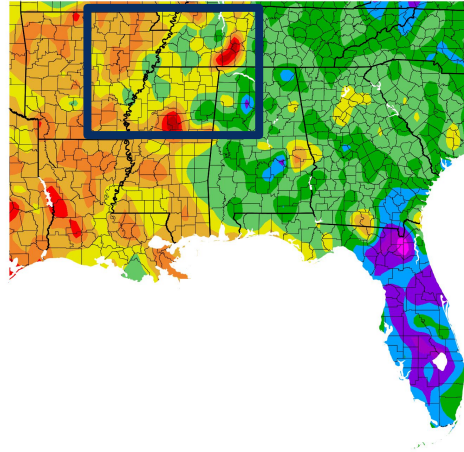


# Temperature

Data over the past 30 days from the [High Plains Regional Climate Center](#)

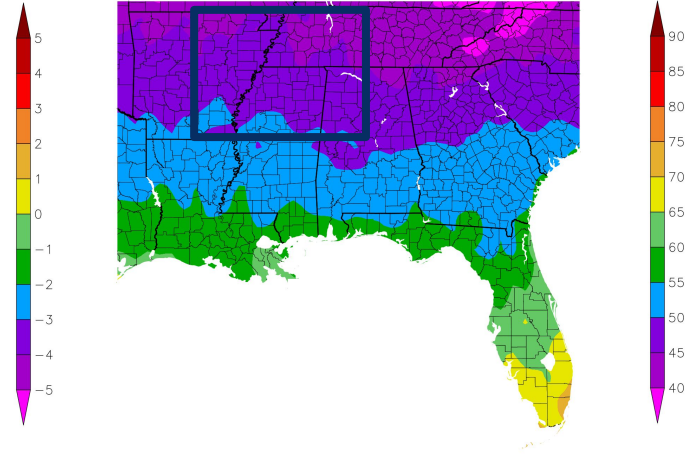
- Average temperatures have generally ranged from 40-50 degrees across the region over the last 30 days.
- Average temperatures were near normal to above normal by 3 degrees.

Departure from Normal Temperature (F)  
11/17/2024 - 12/16/2024



Generated 12/17/2024 at HPRCC using reanalysis data

Temperature (F)  
11/17/2024 - 12/16/2024



NOAA Regional Climate Center 1024 at HPRCC using reanalysis data

NOAA Regional Climate Center

Image Captions:

Left - [Departure from Normal Temperature](#)

Right - [Average Temperature](#)

Data Courtesy High Plains Regional Climate Center.  
Data over the past 30 days ending December 16, 2024





# Summary of Impacts

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

## Hydrologic Impacts

- Streamflow is normal and current forecasts show the Mississippi River increasing water levels through the end of the year.

## Agricultural Impacts

- There are no known impacts at this time.

## Fire Hazard Impacts

- There are no known impacts at this time.

## Other Impacts

- There are no known additional impacts at this time.

## Mitigation Actions

- Please refer to your municipality and/or water provider for mitigation information.





# Hydrologic Conditions and Impacts

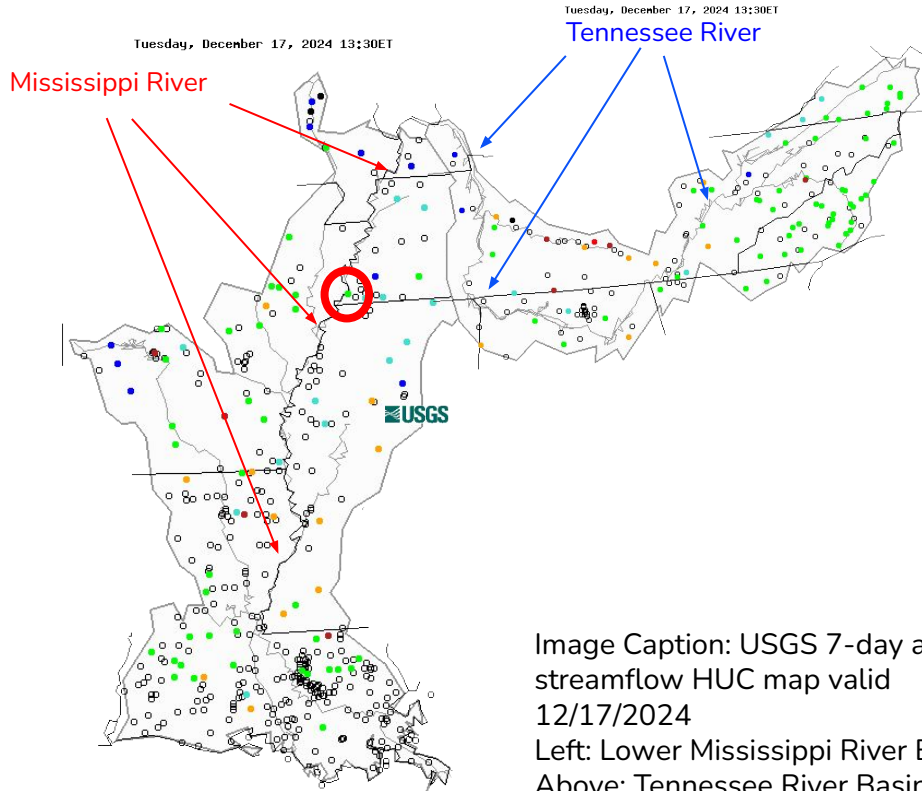


Image Caption: USGS 7-day average streamflow HUC map valid 12/17/2024  
Left: Lower Mississippi River Basin  
Above: Tennessee River Basin

- The **Mississippi River at Memphis** is currently experiencing normal flow. The extended river forecasts continues to show increasing water levels through the end of the year.
- The Tennessee River feeds into the Mississippi River and remains near normal flow Savannah, TN, and Kentucky Lake.



# Agricultural Impacts

- Soil moisture anomalies are slightly above normal across the Mid-South.
- The crop moisture index is slightly above normal across the Mid-South.

Calculated Soil Moisture Ranking Percentile  
DEC 16, 2024

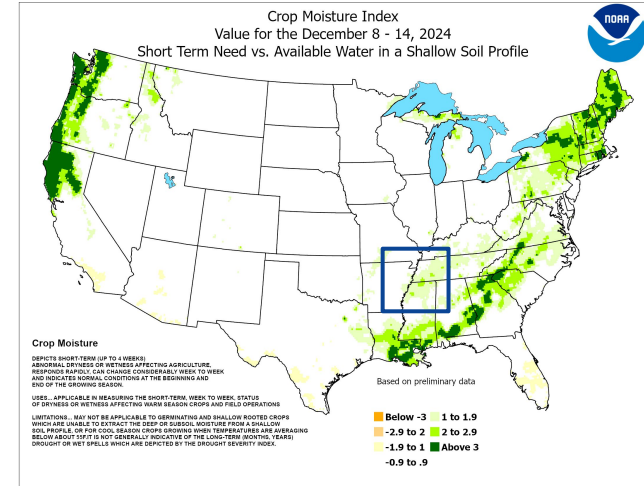
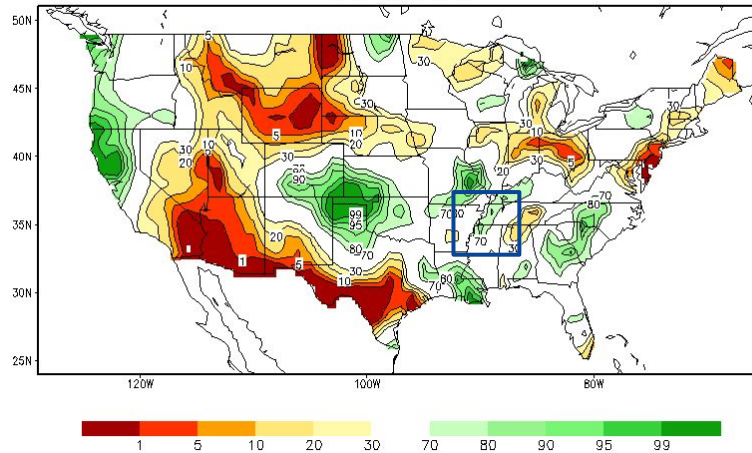


Image Captions:

Left: CPC Calculated [Soil Moisture Ranking Percentile](#) valid December 16, 2024

Right: [Crop Moisture Index by Division](#). Weekly value for period ending December 14, 2024







# Fire Hazard Impacts

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

- Above normal wildland fire is expected for north Mississippi through December while normal wildland fire is expected for January.
- Burn Bans currently in effect for:
  - [Arkansas](#): None.
  - [Missouri](#): None.
  - [Mississippi](#): None.
  - [Tennessee](#): None.

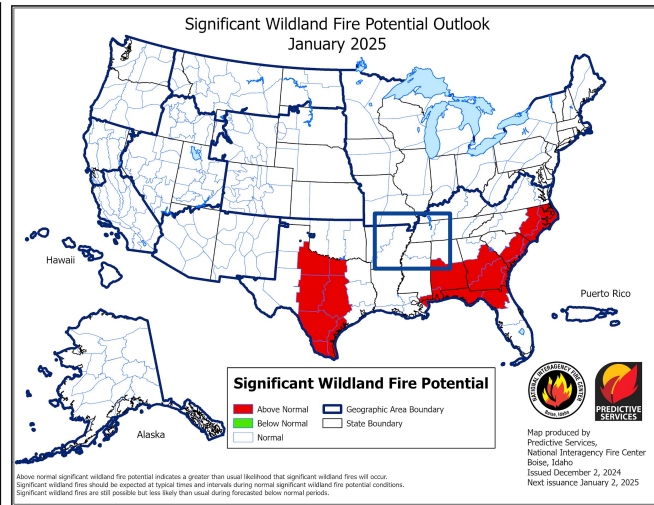
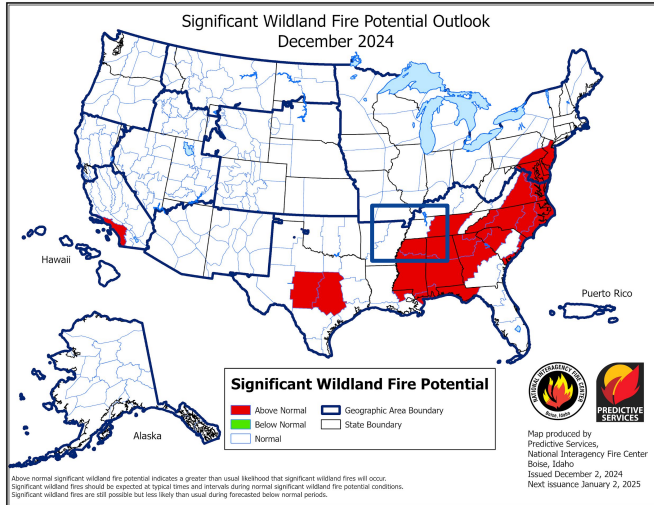


Image Caption: [Significant Wildland Fire Potential Monthly Outlook](#) for December 2024 through March 2025.

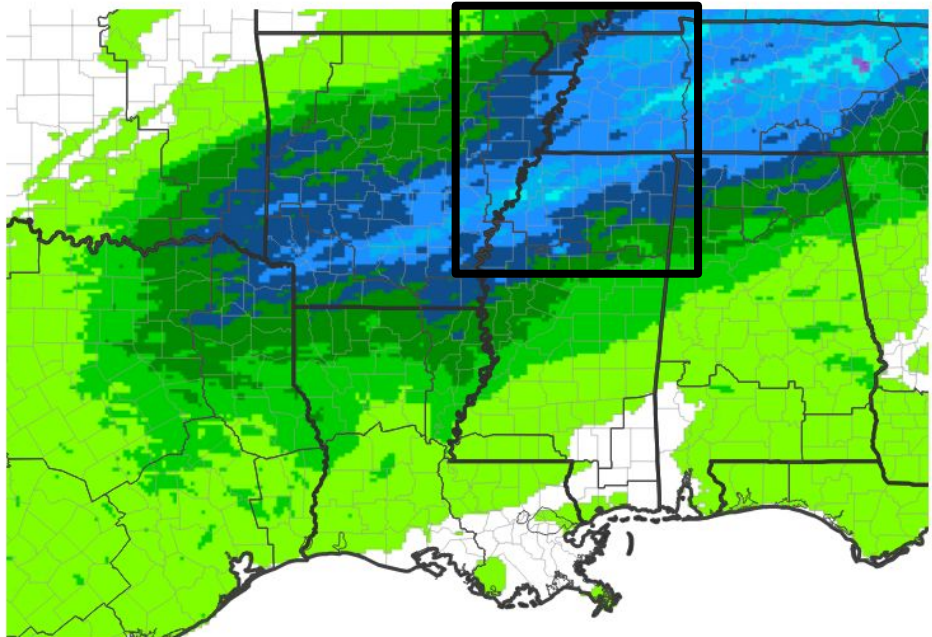




# Seven Day Precipitation Forecast

- Forecast precipitation over the next week is 0.25-1.5".

17, 2024-December 24, 2024



Predicted Inches of Precipitation

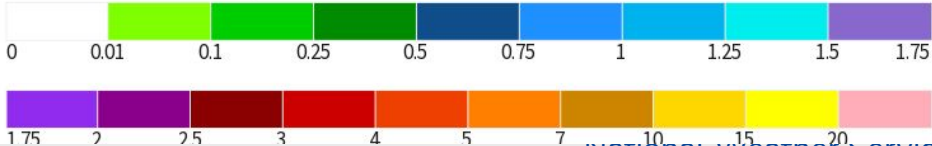


Image Caption: National Weather Service Weather Prediction Center courtesy of drought.gov  
7-Day Quantitative Precipitation  
Forecast Valid December 17-December 24, 2024





# Long-Range Outlooks

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

- The Mid-South has equal chances that temperatures will be above or below normal for the rest of December.
- The Mid-South has equal chances of experiencing above or below normal precipitation for the rest of December.

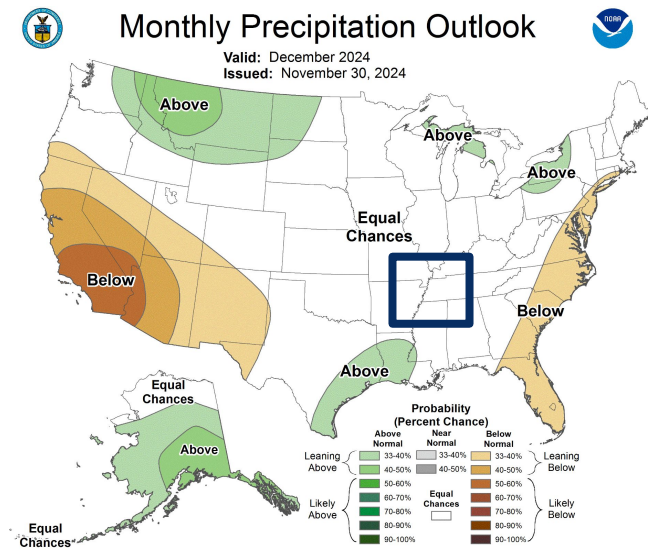
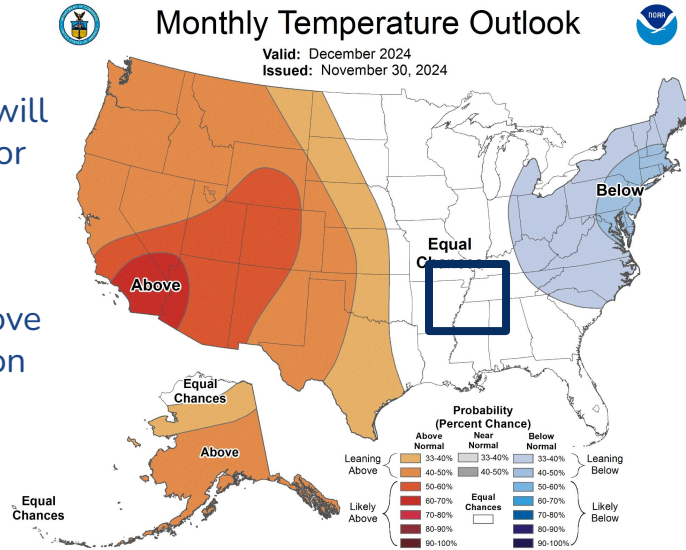


Image Captions:

Left - [Climate Prediction Center Monthly Temperature Outlook](#),

Right - [Climate Prediction Center Monthly Precipitation Outlook](#).

Valid November 30, 2024



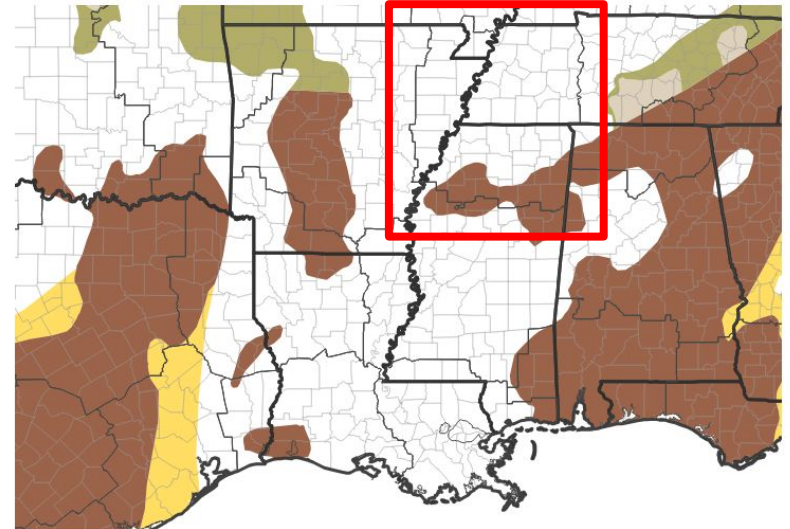


# Drought Outlook

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

- Drought conditions are expected to persist across portions of north MS.

## Seasonal (3-Month) Drought Outlook for November 21, 2024-February 28, 2025



Drought Is Predicted To...



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

Last Updated: 11/21/24

Image Caption:

Climate Prediction Center Seasonal Drought Outlook Released 11/21/2024 valid through 02/28/2025

Links to the latest:

- [Climate Prediction Center Monthly Drought Outlook](#)
- [Climate Prediction Center Seasonal Drought Outlook](#)

