



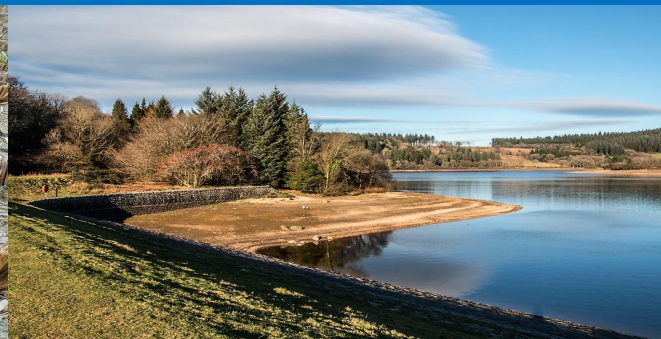
# Drought Information Statement for the Mid-South

Valid 10/31/2024

Issued By: NWS Memphis, TN

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

- This product will be updated by November 14, 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

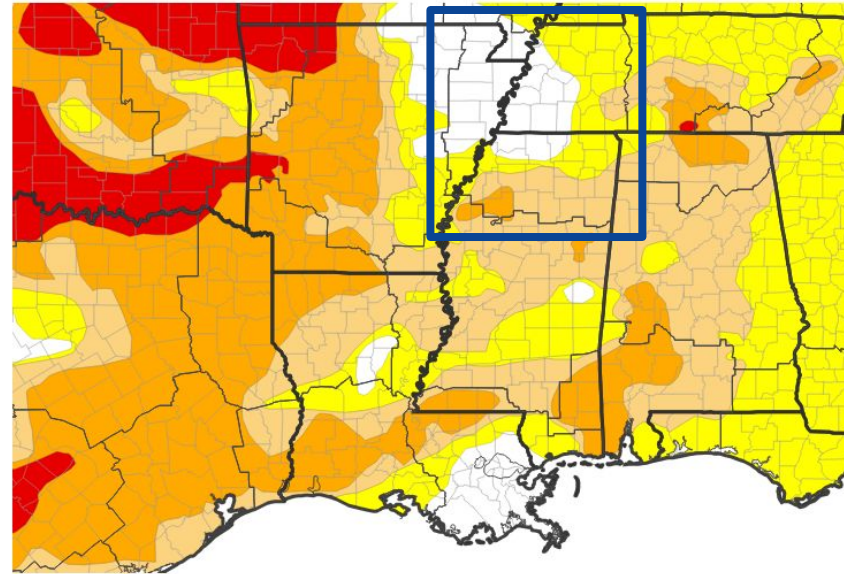


# U.S. Drought Monitor

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 a small swath across West TN.
  - D0 (Abnormally Dry): Portions of southeast AR, West TN, and north MS.

## U.S. Drought Monitor



## U.S. Drought Monitor



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

Data Valid: 10/29/24

Image Caption: U.S. Drought Monitor valid 7 a.m. EST October 29, 2024



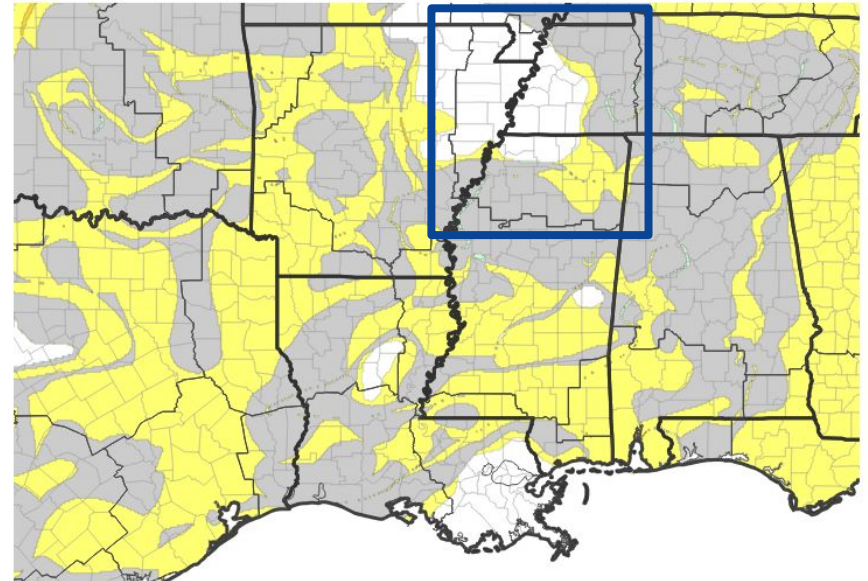


# Recent Change in Drought Intensity

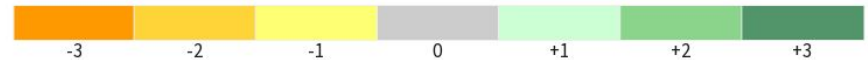
Link to the latest [4-week change map](#) for the Mid-South

- One-Week Drought Monitor Class Change
  - No change: Portions of north MS and West TN.
  - Drought improved: None.
  - Drought worsened: A small portion of West TN, a portion of north MS, and a small swath across southeast AR.

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: 10/29/24

Image Caption: U.S. Drought Monitor 1-week change map valid 7 a.m. EST October 29, 2024



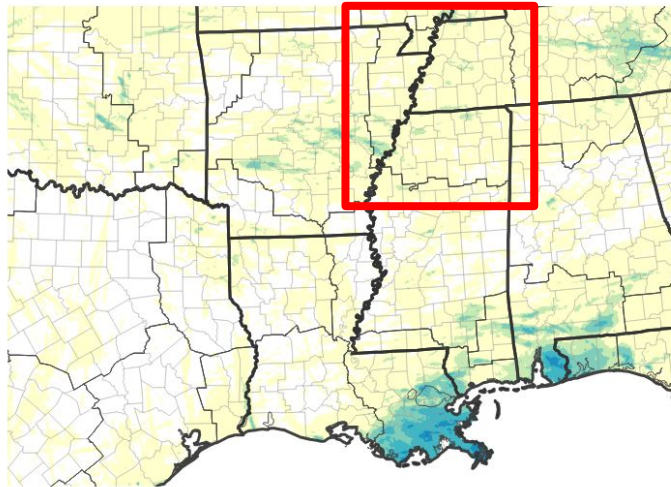




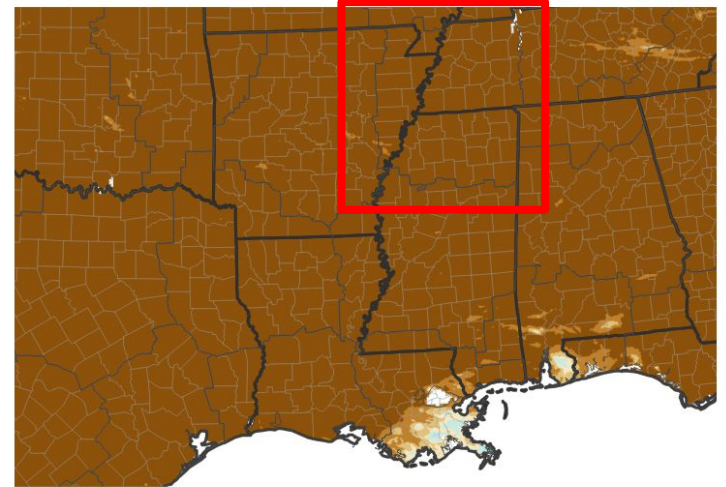
# Precipitation

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

- Precipitation totals over the past 30 days were slim to none across most of the area, with no more than an inch received.
- Rainfall amounts over the past 30 days were widely below normal across the entire Mid-South.



Inches of Precipitation



Percent of Normal Precipitation (%)

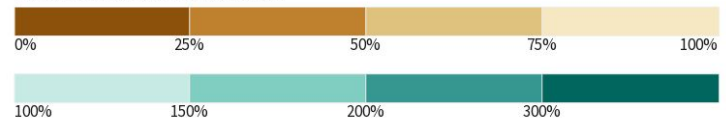


Image Captions:  
Left - [Percent of Normal Precipitation for NWS-Southern Region East](#)

Right - [Precipitation for NWS- Southern Region East](#)

Data Courtesy High Plains Regional Climate Center.  
Data over the past 30 days ending October 31, 2024



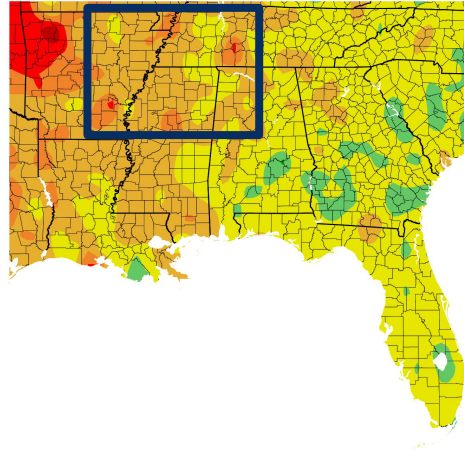


# Temperature

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

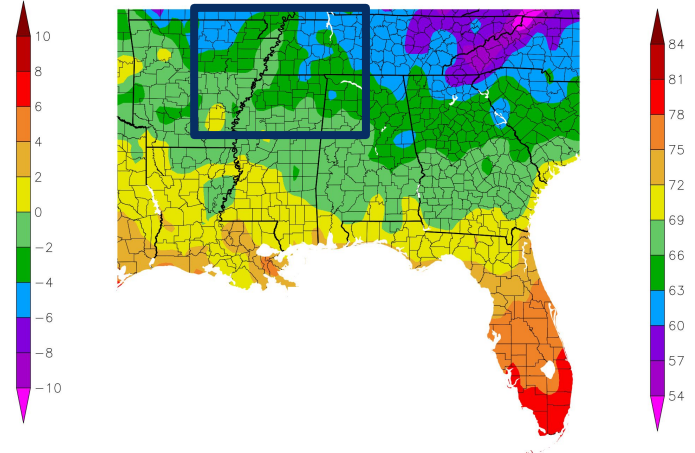
- Average temperatures have generally ranged from 60-70 degrees across the region over the last 30 days.
- Average temperatures hovered slightly above normal by 1-3 degrees.

Departure from Normal Temperature (F)  
10/1/2024 - 10/30/2024



Generated: 10/31/2024 at HPRCC using regional data

Temperature (F)  
10/1/2024 - 10/30/2024



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 October 30, 2024





# Summary of Impacts

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

## Hydrologic Impacts

- Streamflow is below normal and current forecasts show the Mississippi River remaining near or below low-water thresholds and near record lows.

## Agricultural Impacts

- Pastures in north MS and West TN provide marginal to no feed. Supplemental feeding is required to maintain livestock condition.

## Fire Hazard Impacts

- Burn bans: Greene and Lee counties in Arkansas and Lee County, Mississippi. The remainder of northeast Arkansas is experiencing moderate wildfire danger.

## 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

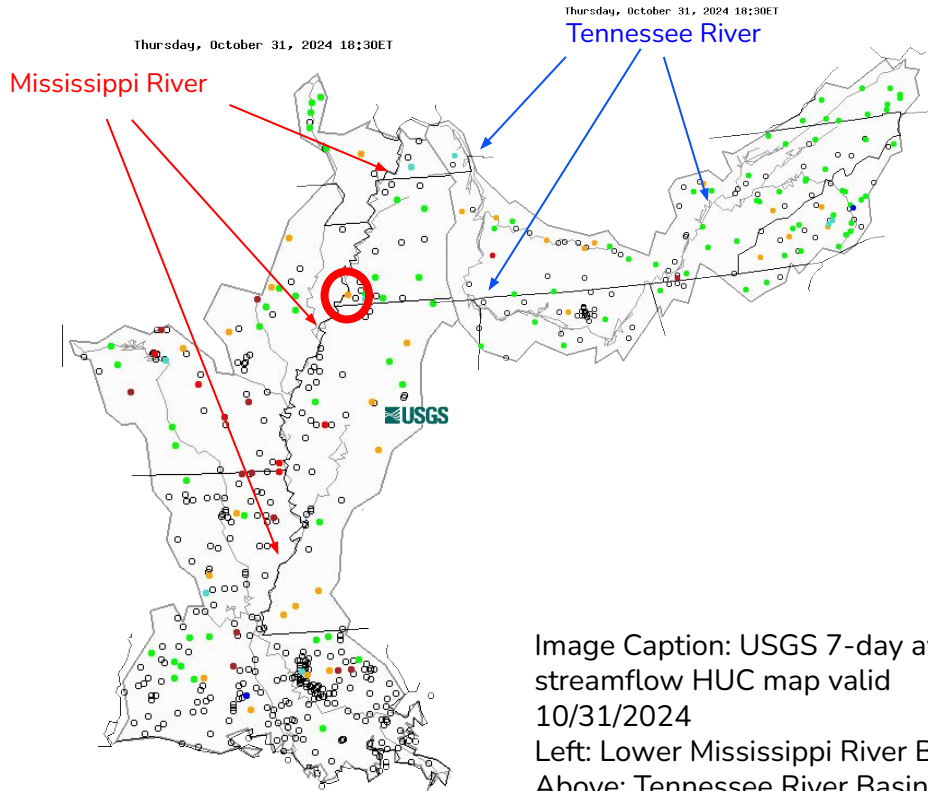


Image Caption: USGS 7-day average streamflow HUC map valid 10/31/2024  
Left: Lower Mississippi River Basin  
Above: Tennessee River Basin

- The **Mississippi River at Memphis** is currently experiencing below normal flow. The extended river forecasts a slow decline back to low water levels.
- The Tennessee River feeds into the Mississippi River and remains normal or slightly below normal at between Savannah, TN, and Kentucky Lake.



# Agricultural Impacts

- Soil moisture anomalies are near to slightly below normal across the Mid-South.
- The crop moisture index is severely dry across the Mid-South.

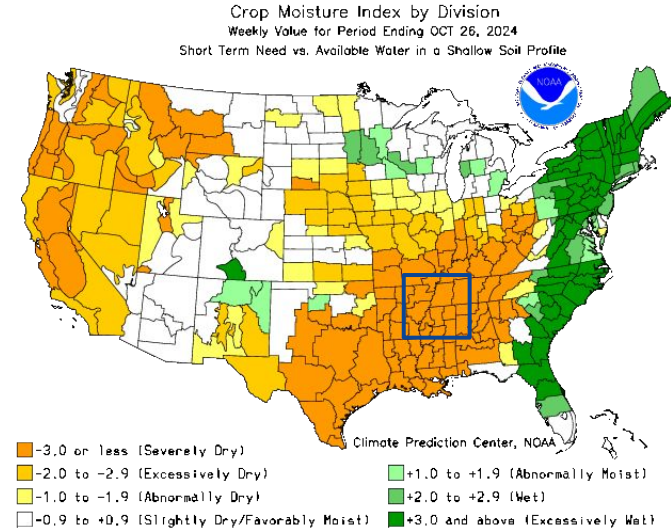
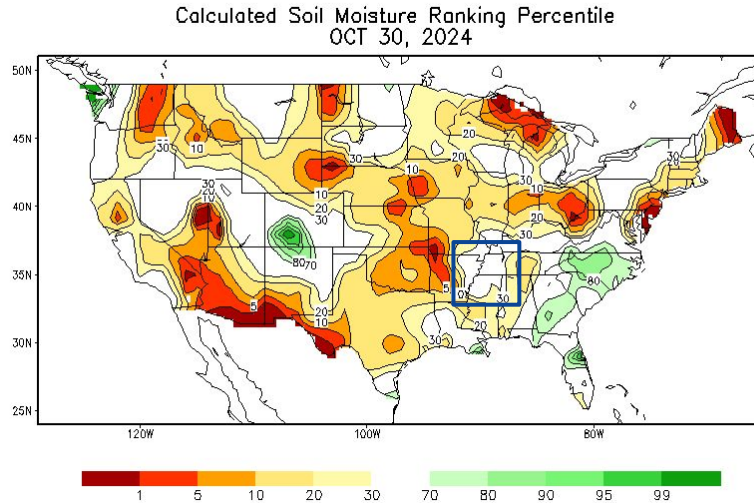


Image Captions:

Left: CPC Calculated [Soil Moisture Ranking Percentile](#) valid October 30, 2024

Right: [Crop Moisture Index by Division](#). Weekly value for period ending October 26, 2024







# Fire Hazard Impacts

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

- Normal wildland fire is expected for November and December.
- Burn Bans currently in effect for:
  - [Arkansas](#): Greene and Lee.
  - [Missouri](#): None.
  - [Mississippi](#): Lee.
  - [Tennessee](#): None.

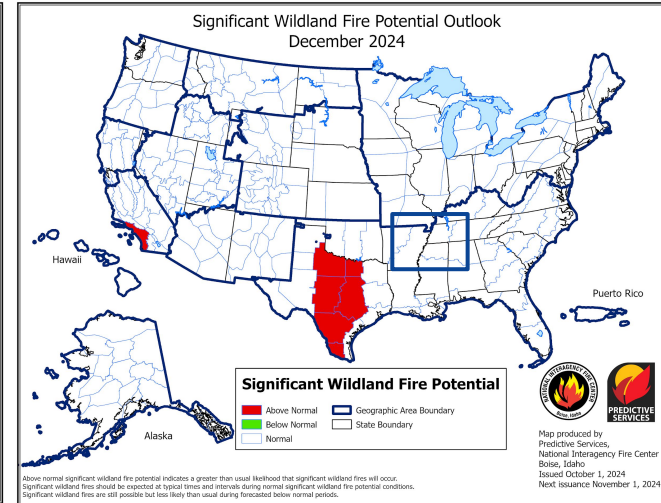
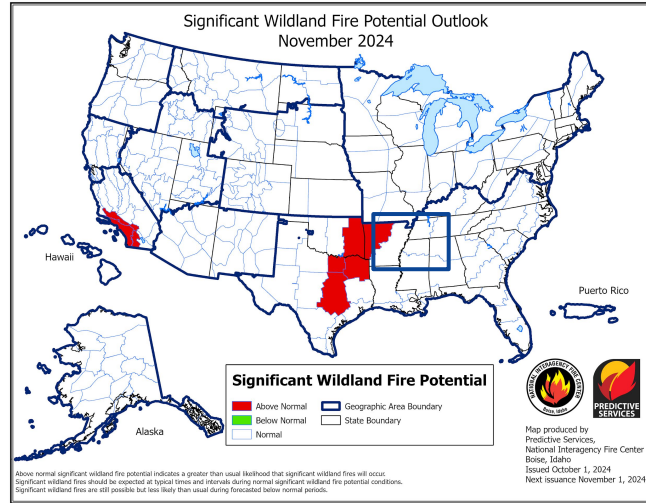


Image Caption: [Significant Wildland Fire Potential Monthly Outlook](#) for October 2024 through January 2025.





# Seven Day Precipitation Forecast

- Forecast precipitation over the next week is 1-5" with highest amounts along and north of Interstate 40.

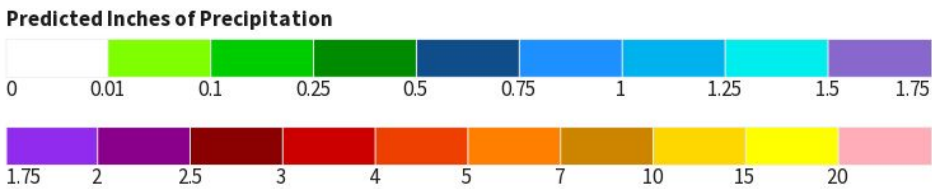
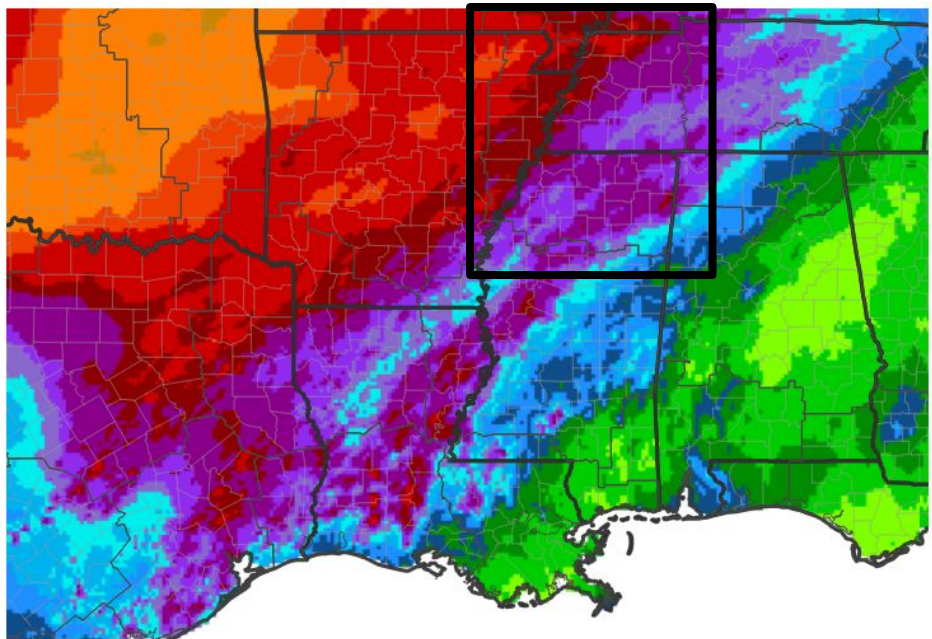


Image Caption: National Weather Service Weather Prediction Center courtesy of drought.gov  
 7-Day Quantitative Precipitation  
 Forecast Valid October 31-November 7, 2024



# Long-Range Outlooks

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

- The Mid-South has a 40-60% chance that temperatures will be above normal in November.
- The Mid-South has equal chances of experiencing above or below normal precipitation in November. A small swath across northeast Arkansas and the Missouri Bootheel is leaning above (33-40% chance) normal precipitation.

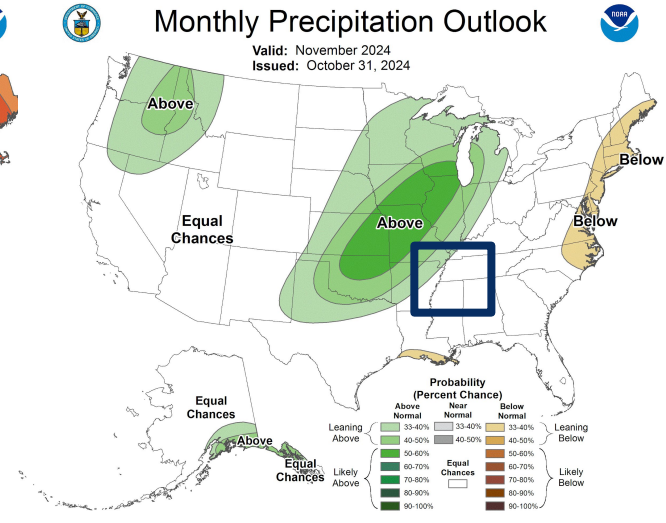
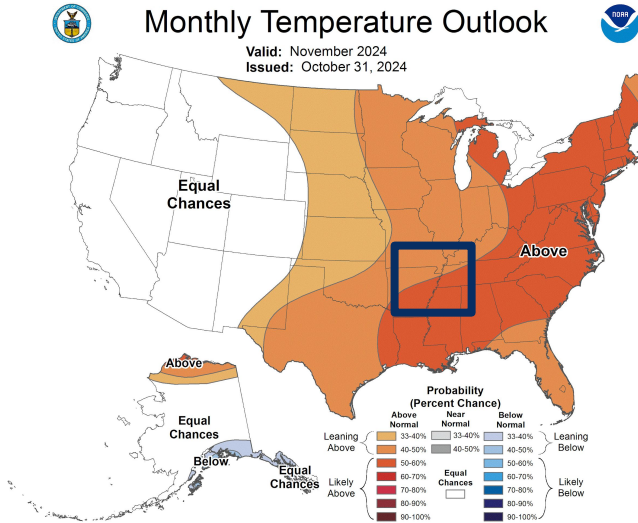


Image Captions:

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

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

Valid October 31, 2024



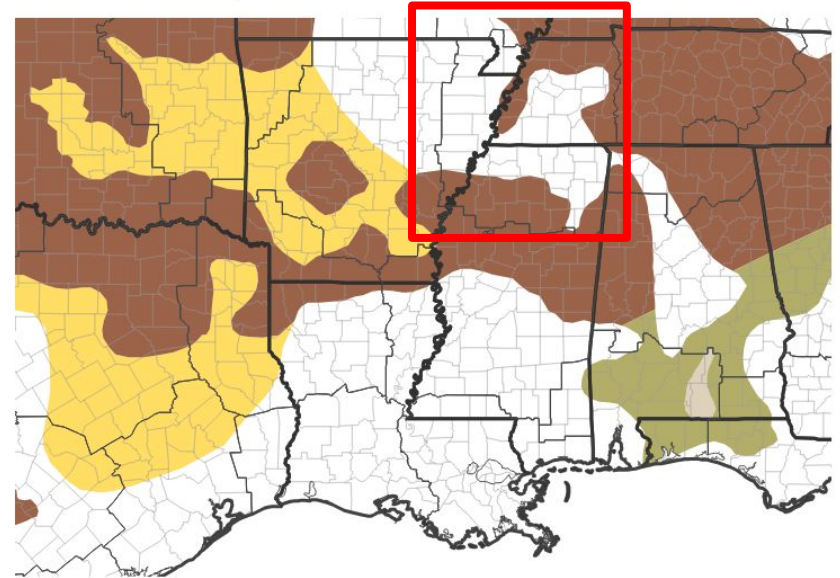


# Drought Outlook

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

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

## Seasonal (3-Month) Drought Outlook for September 19, 2024–December 31, 2024



Drought Is Predicted To...



Image Caption:

Climate Prediction Center Seasonal Drought Outlook Released  
09/19/2024 valid through 12/31/2024

Links to the latest:

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

