



Drought Information Statement for the Mid-South

Valid 11/14/2024

Issued By: NWS Memphis, TN

Contact Information: sr-meg.wx@noaa.gov

- This product will be updated by November 29, 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

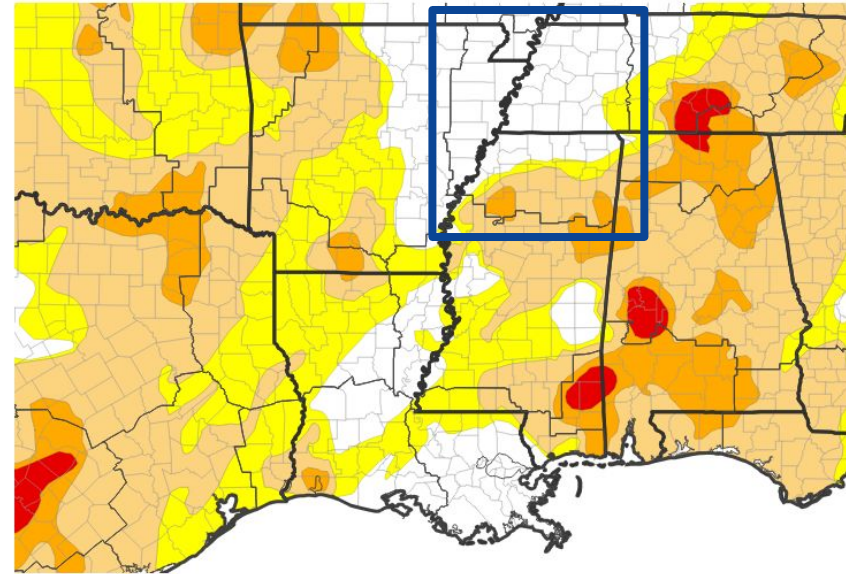


U.S. Drought Monitor

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.
 - D0 (Abnormally Dry): Portions of 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: 11/12/24

Image Caption: U.S. Drought Monitor valid 7 a.m. EST November 12, 2024



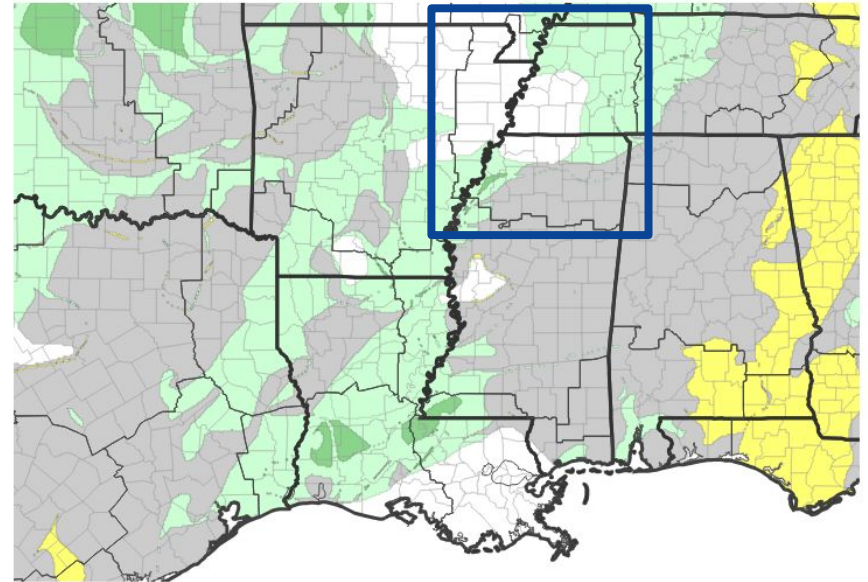


Recent Change in Drought Intensity

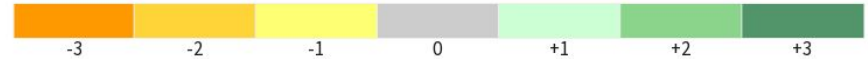
Link to the latest [4-week change map](#) for the Mid-South

- One-Week Drought Monitor Class Change
 - No change: Portions of north MS.
 - Drought improved: Portions of eastern AR, north MS, and West TN.
 - Drought worsened: 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: 11/12/24

Image Caption: U.S. Drought Monitor 1-week change map valid 7 a.m. EST November 12, 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 across the area. Locally higher and lower amounts occurred across north Mississippi.
- Rainfall amounts over the past 30 days were near or below normal across the entire Mid-South.

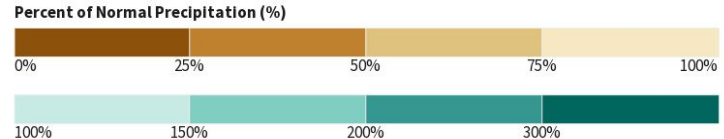
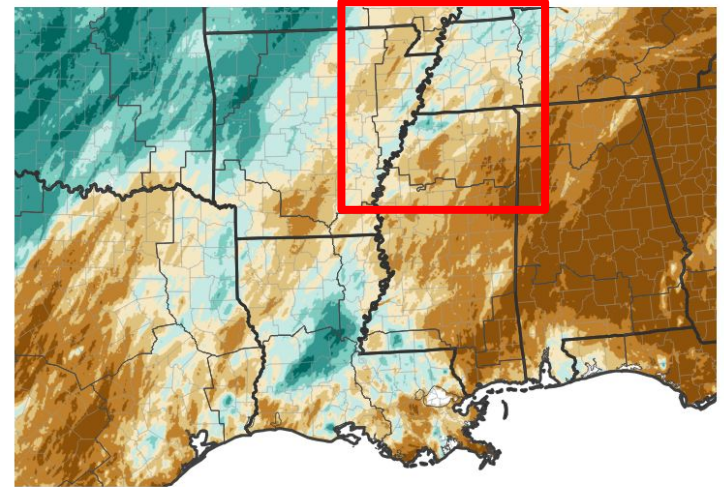
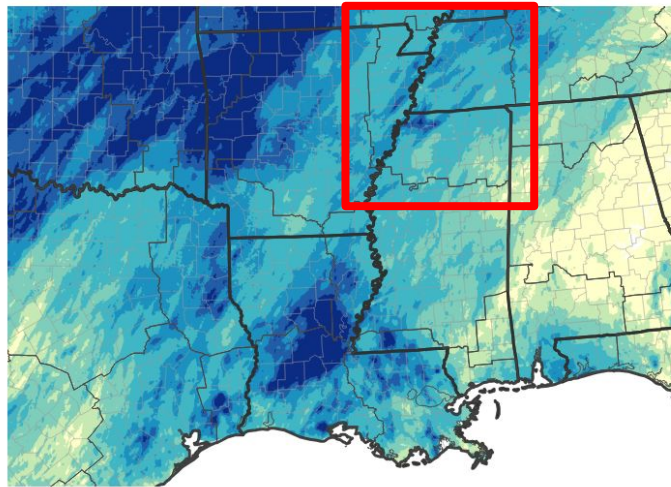


Image Captions:
 Left - [Percent of Normal Precipitation for NWS-Southern Region East](#)
 Right - [Precipitation for NWS- Southern Region East](#)
 Data Courtesy High Plains Regional Climate Center.
 Data over the past 30 days ending October 31, 2024

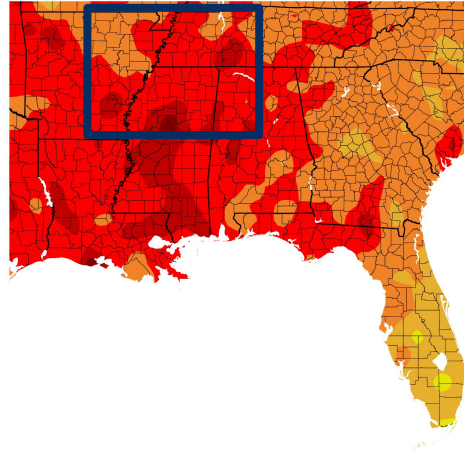


Temperature

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

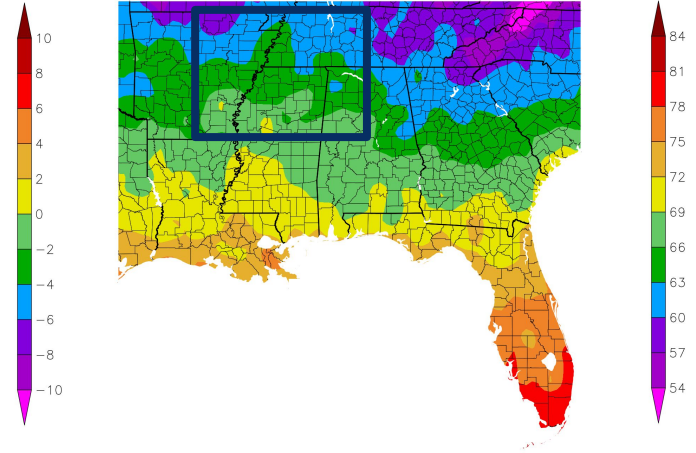
- Average temperatures have generally ranged from 60-70 degrees across the region over the last 30 days.
- Average temperatures were above normal by 4-8 degrees.

Departure from Normal Temperature (F)
10/15/2024 – 11/13/2024



Generated 11/14/2024 at HPRCC using reanalysis data

Temperature (F)
10/15/2024 – 11/13/2024



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 November 13, 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

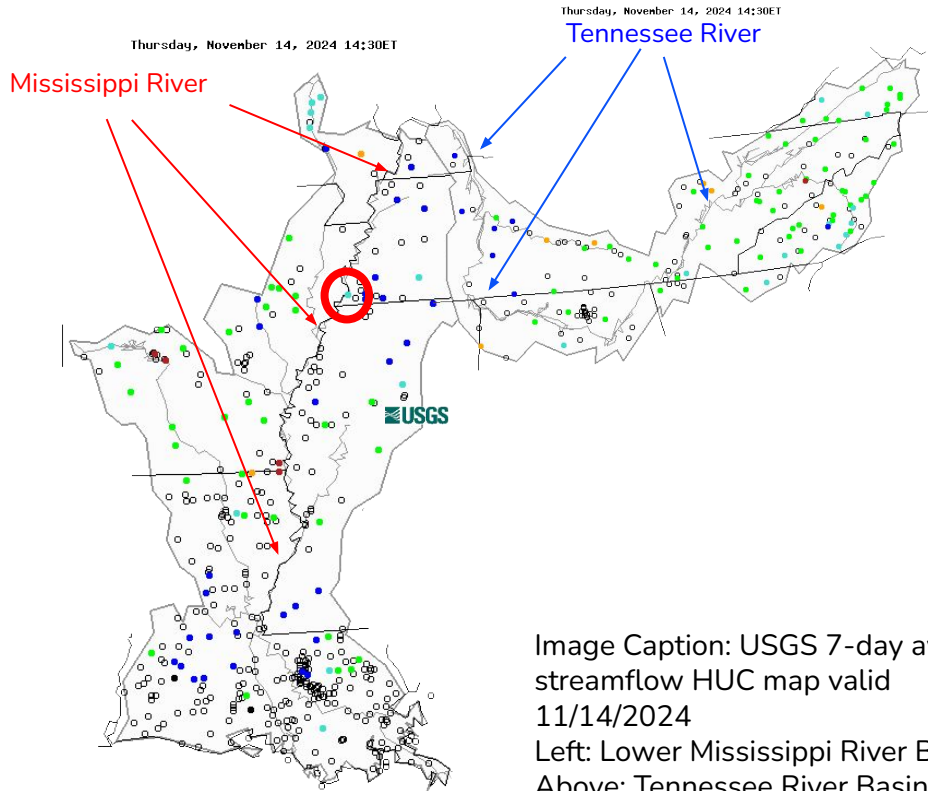


Image Caption: USGS 7-day average streamflow HUC map valid 11/14/2024
Left: Lower Mississippi River Basin
Above: Tennessee River Basin

- The **Mississippi River at Memphis** is currently experiencing normal flow. The extended river forecasts a slow decline to negative values by the end of November.
- The Tennessee River feeds into the Mississippi River and remains at normal flow 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 near normal or slightly above normal across the Mid-South.

Calculated Soil Moisture Ranking Percentile
NOV 13, 2024

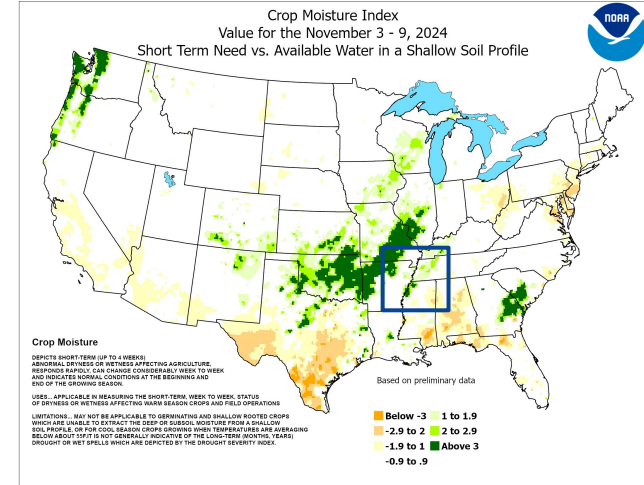
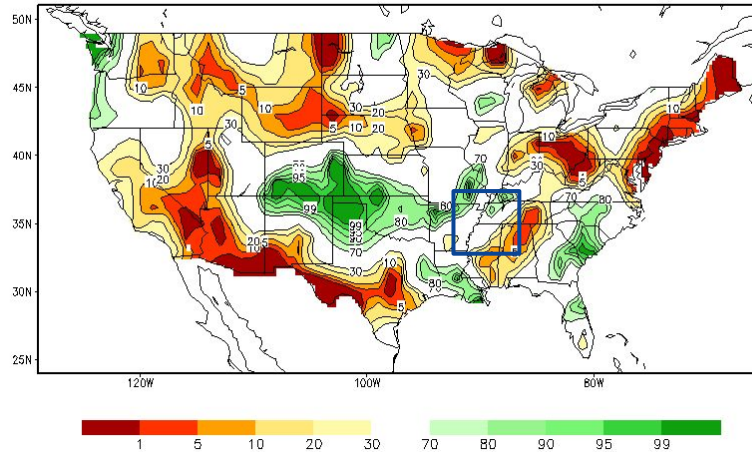


Image Captions:

Left: CPC Calculated [Soil Moisture Ranking Percentile](#) valid November 13, 2024

Right: [Crop Moisture Index by Division](#). Weekly value for period ending November 9, 2024





Fire Hazard Impacts

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

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

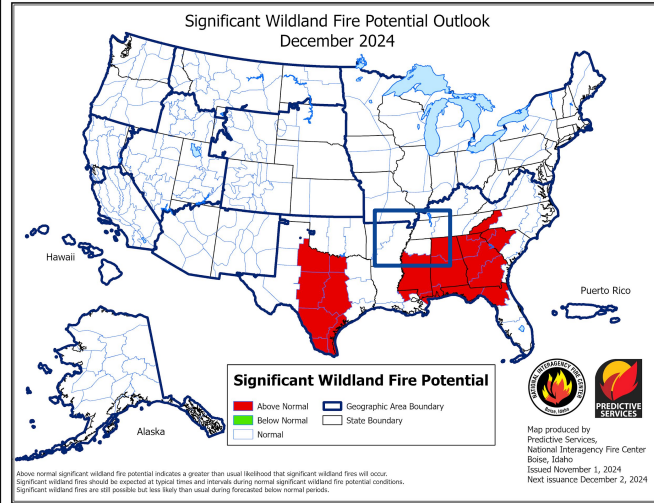
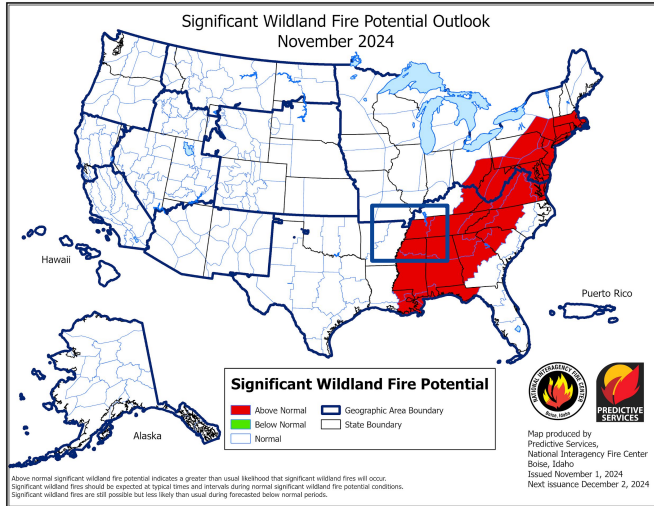


Image Caption: [Significant Wildland Fire Potential Monthly Outlook](#) for November 2024 through February 2025.

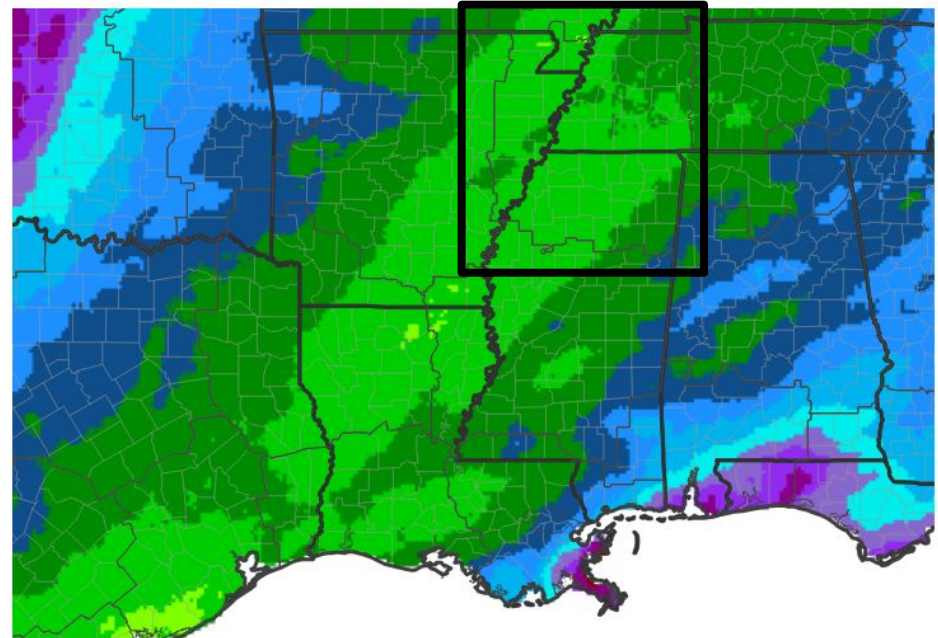




Seven Day Precipitation Forecast

- Forecast precipitation over the next week is generally half an inch or less.

14, 2024–November 21, 2024



Predicted Inches of Precipitation

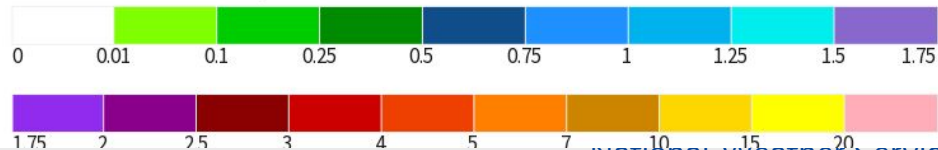


Image Caption: National Weather Service Weather Prediction Center courtesy of drought.gov
 7-Day Quantitative Precipitation
 Forecast Valid November 14–November 21, 2024





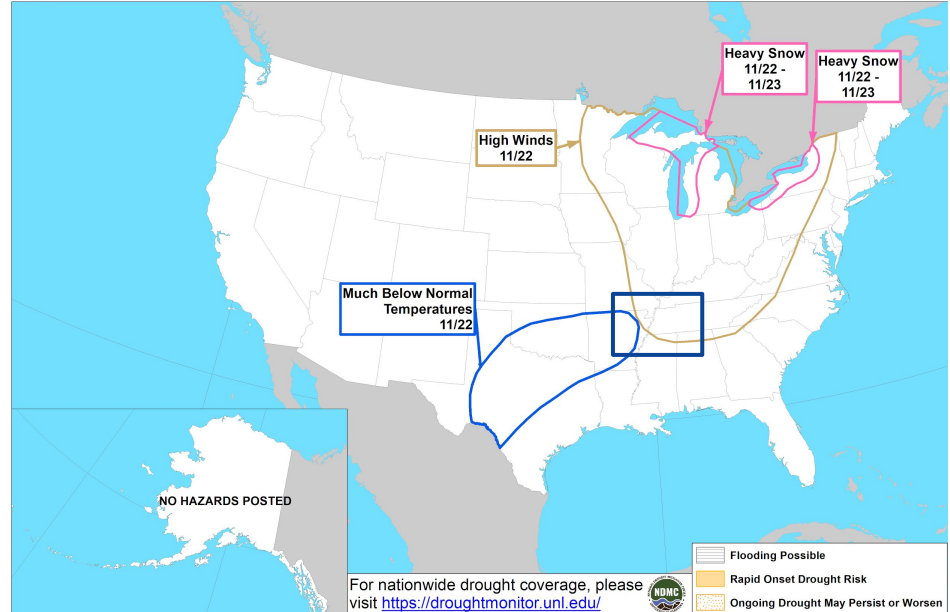
U.S. Hazards Outlook

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

- High winds are possible late next week for northern portions of the Mid-South.
- Much below normal temperatures are possible just west of the region.



Day 8-14 U.S. Hazards Outlook Valid: 11/22/2024-11/28/2024



Climate Prediction Center
Made: 11/14/2024 3PM EST

Follow us:
www.cpc.ncep.noaa.gov

[Days 8 to 14 U.S. Hazards Outlook](#) Valid 11/21/2024 through 11/27/2024.





Long-Range Outlooks

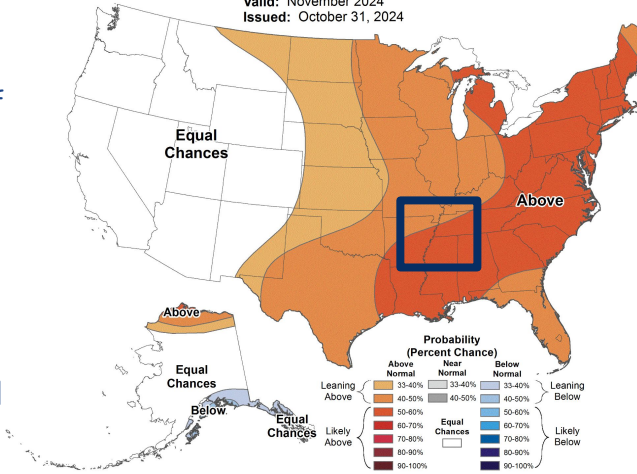
The latest monthly and seasonal outlooks can be found on the [CPC homepage](#)

- The Mid-South has a 33-60% chance that temperatures will be above normal for the rest of 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.



Monthly Temperature Outlook

Valid: November 2024
Issued: October 31, 2024



Monthly Precipitation Outlook

Valid: November 2024
Issued: October 31, 2024

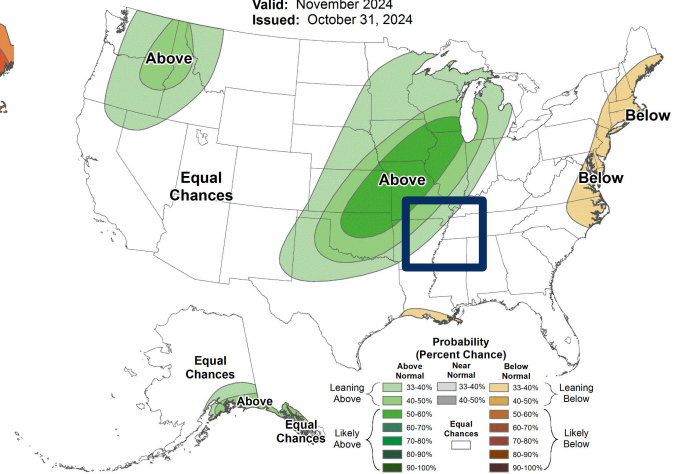


Image Captions:

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

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

Valid October 31, 2024



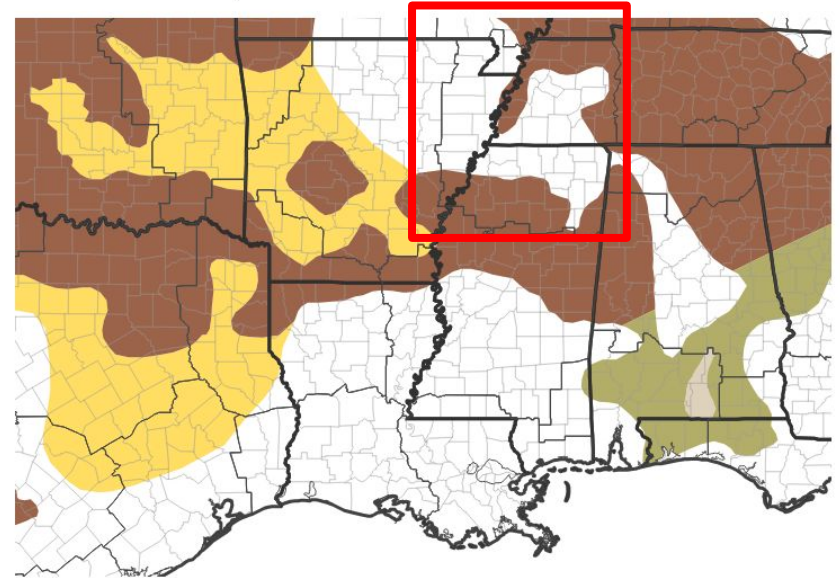


Drought Outlook

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](#)

