



# Drought Information Statement for Much of Arkansas

Valid November 10, 2024

Issued By: NWS Little Rock, AR

Contact Information: [sr-lzk.webmaster@noaa.gov](mailto:sr-lzk.webmaster@noaa.gov)

- This product will be updated December 15, 2024 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/LZK/DroughtInformationStatement> for previous statements.

- HEAVY RAIN IN LATE OCTOBER/EARLY NOVEMBER HAS RESULTED IN DROUGHT RELIEF, ESPECIALLY IN WESTERN ARKANSAS.
- DROUGHT MAY BE WIPED OUT IN PLACES THROUGH THE WINTER, BUT MAY PERSIST ACROSS THE SOUTHERN COUNTIES.



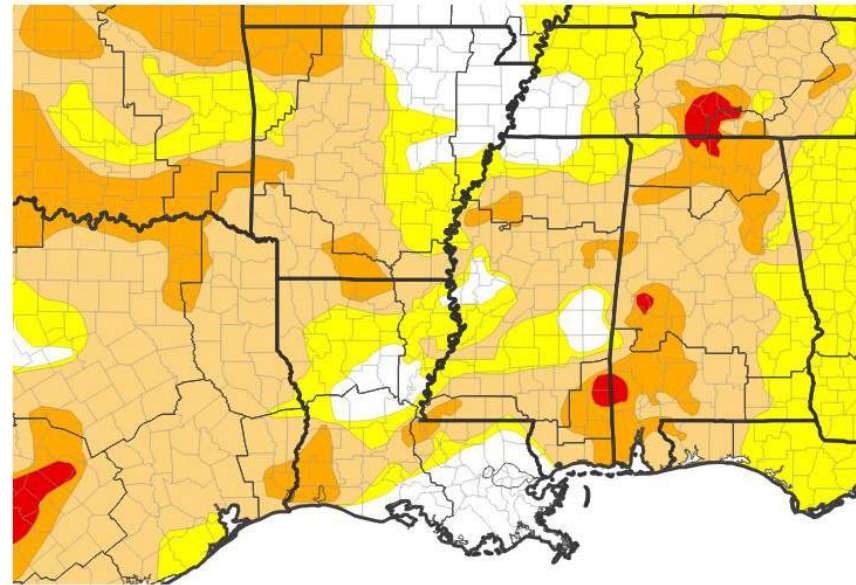


# U.S. Drought Monitor

Link to the [latest U.S. Drought Monitor](#) for Arkansas

- Drought intensity and Extent
  - **D4 (Exceptional Drought)**: None.
  - **D3 (Extreme Drought)**: None.
  - **D2 (Severe Drought)**: Multiple counties in northwest, west central, and south central Arkansas.
  - **D1 (Moderate Drought)**: Much of the western half of Arkansas.
  - **D0: (Abnormally Dry)**: All but northeast Arkansas.

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 11/05/24

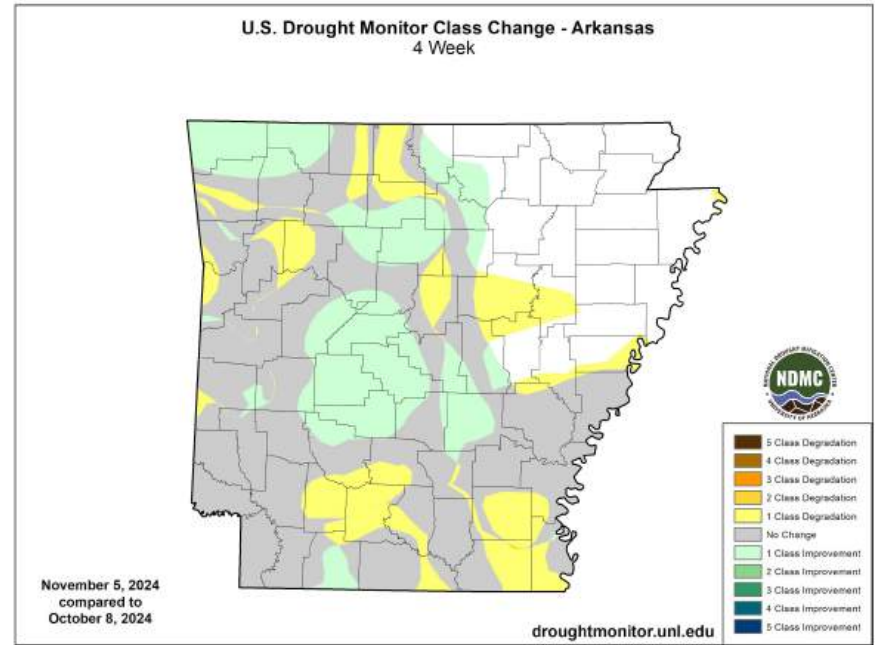




# Recent Change in Drought Intensity

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

- Four Week Drought Monitor Class Change.
  - Due to heavy rain in late October and early November, drought classifications have generally improved across the western half of Arkansas.
  - Drought remains unchanged in south central/southeast sections of the state given not as much appreciable precipitation as in other parts of the region.

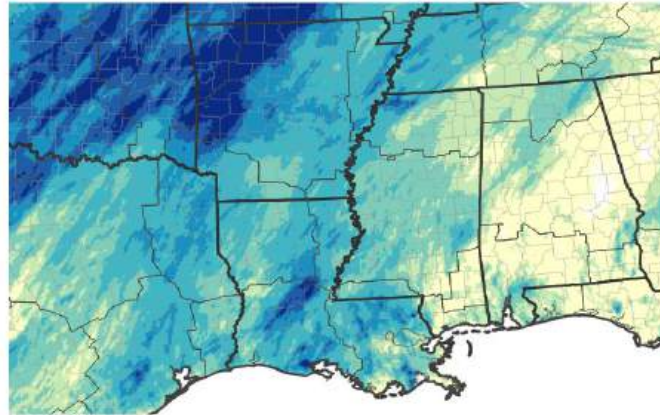




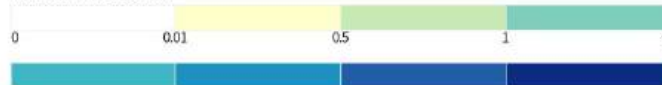
# Precipitation

- Ten to more than fifteen inches of rain dumped in northern/western from October 31st to November 5th (well above average). Precipitation was not as appreciable in other parts of the state (generally below average).

30-Day Precipitation Accumulations (Inches)

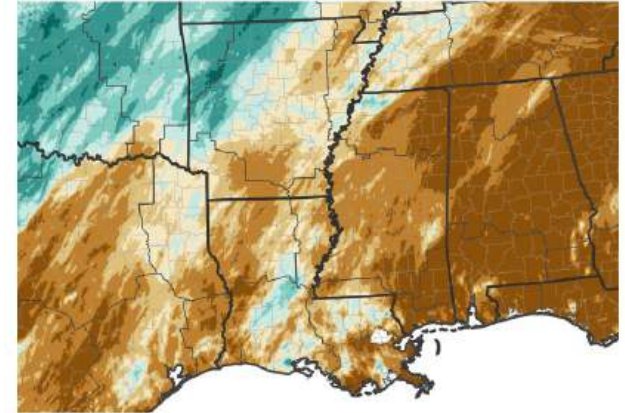


Inches of Precipitation

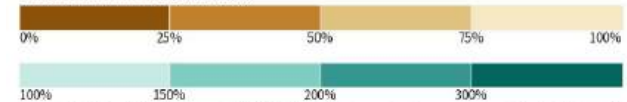


Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov Last Updated: 11/09/24

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: 11/09/24





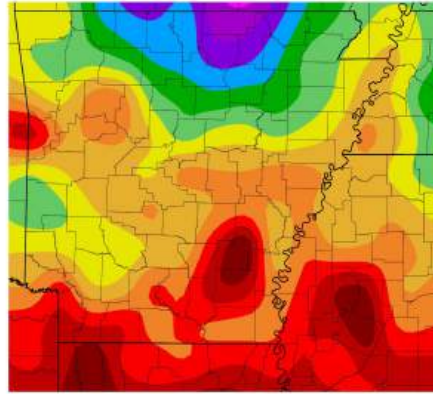


# Temperature

[Link to HPRCC](#)

- In general, temperatures have been above average, especially in southern, central, and western Arkansas. In these areas, readings were six or more degrees warmer than usual in the last month.

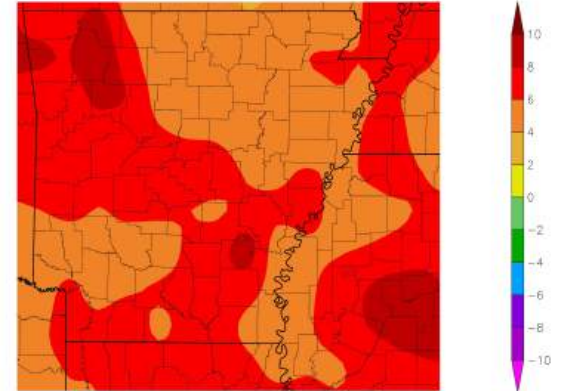
Temperature (F)  
10/10/2024 - 11/8/2024



Generated 11/9/2024 at HPRCC using provisional data.

NOAA Regional Climate Centers:

Departure from Normal Temperature (F)  
10/10/2024 - 11/8/2024



Generated 11/9/2024 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

- Because of heavy rain in late October/early November, streamflow is as at/above average across much of Arkansas. There was not as much rain in the southeast, and streamflow is below average.

## Agricultural Impacts

- Before the rain, vegetation was stressed (especially in the west), with an agricultural disaster declared in several counties. Recent rain has brought significant relief.

## Fire Hazard Impacts

- Before the rain, there was a high to extreme wildfire danger statewide according to the Arkansas Agricultural Department Division of Forestry. There is currently a low wildfire danger.

## Other Impacts

- Before the rain, burn bans were posted in as many as 66 of 75 counties in Arkansas. There is currently one burn ban (Union County).





# Hydrologic Conditions and Impacts

- Streamflow in many tributaries is at/above the 25th percentile (higher than average), with percentiles over 90 percent in parts of the north/west. Percentiles are below average in the southeast.

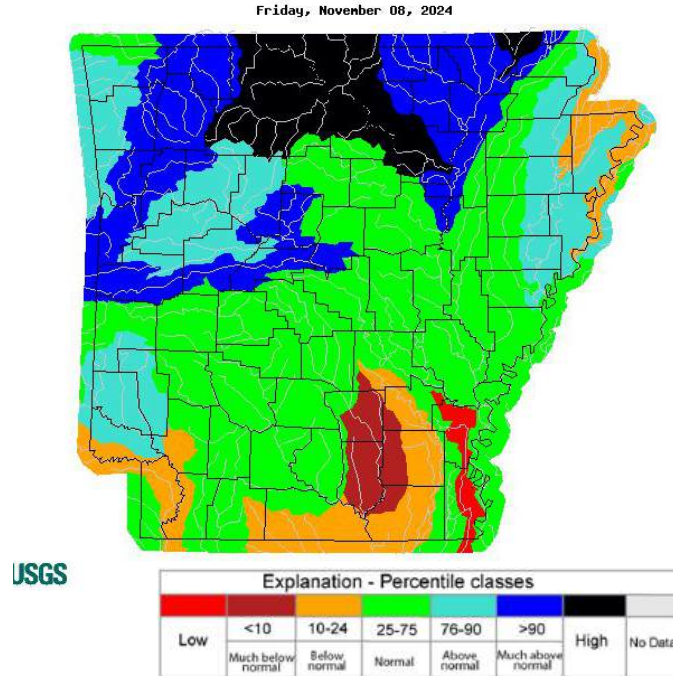


Image Caption: USGS 7 day average streamflow HUC map valid 10/17/2024.

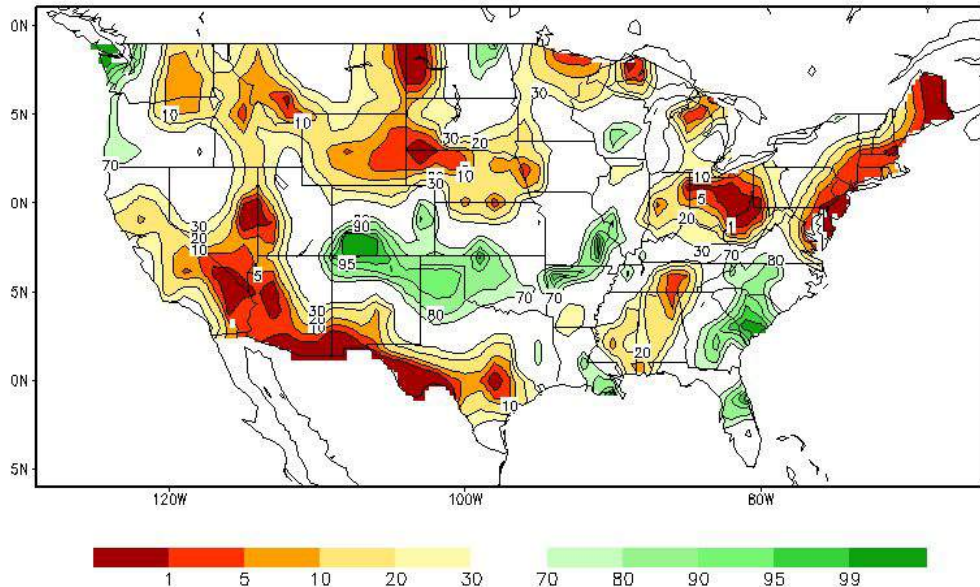




# Agricultural Impacts

- Soil moisture is vastly improved across northern and western Arkansas, and is above the 70th percentile. In parts of the south, moisture values are in the 20th to 30th percentile. Values in the 30th to 70th percentile are considered normal.

Calculated Soil Moisture Ranking Percentile  
NOV 08, 2024





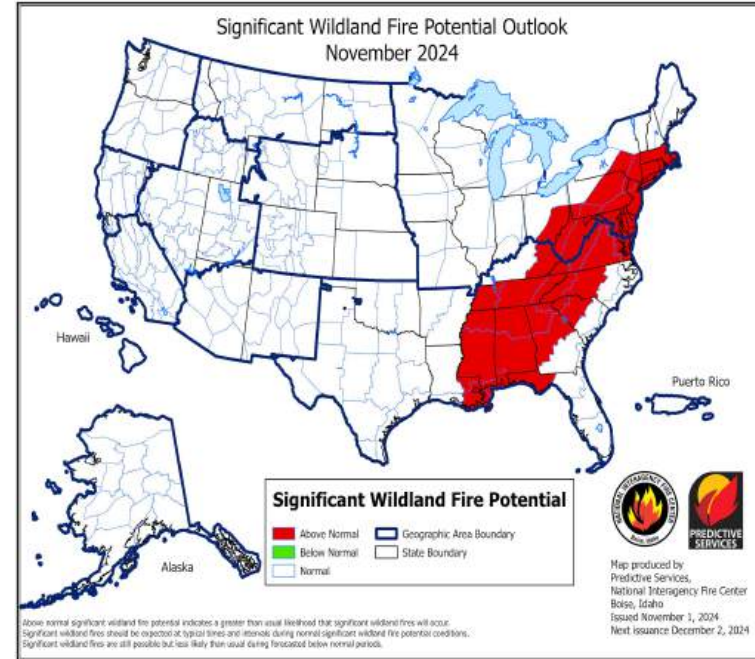


# Fire Hazard Impacts

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

- There is low wildfire danger in all of Arkansas.
- Only one burn ban (Union County) is posted statewide.

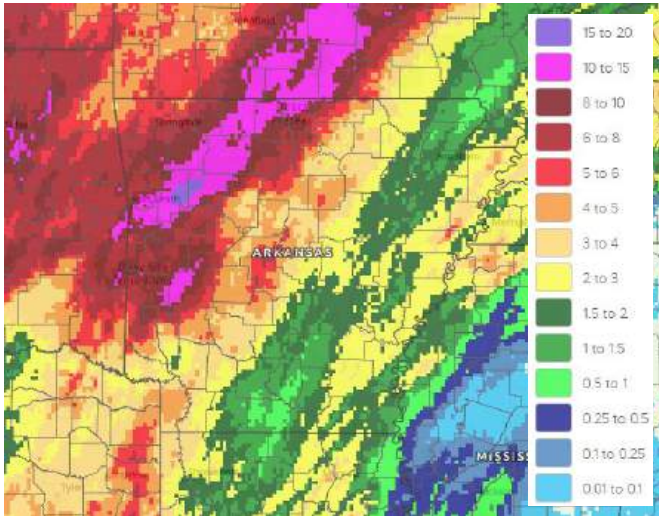
Latest AR Consolidated Burn Ban and Wildfire Danger map available [here](#).





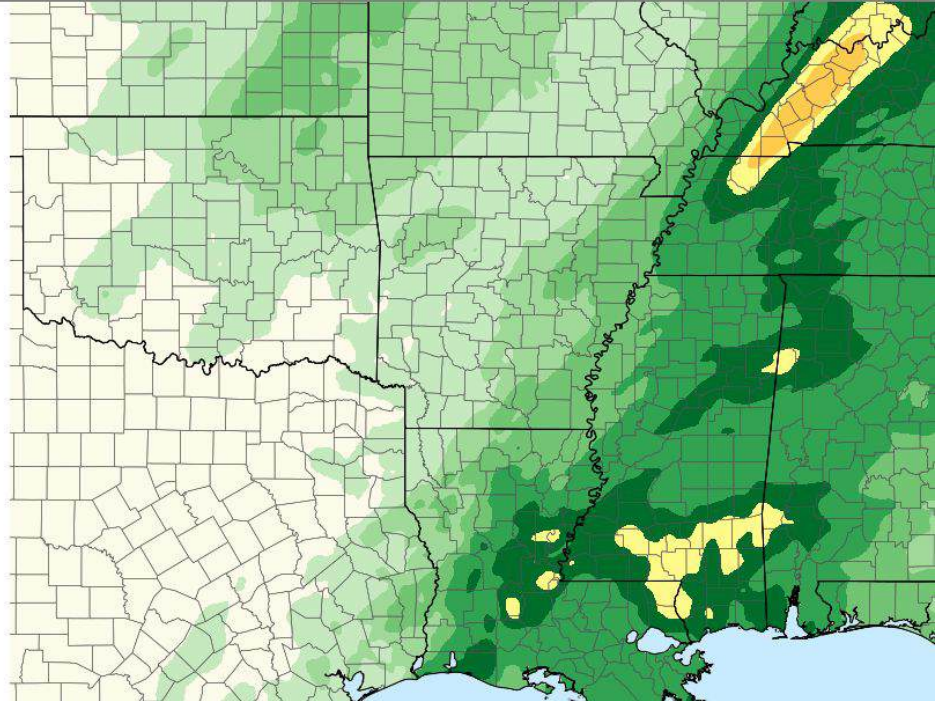
# Seven Day Precipitation Forecast

- Following as much as 10 to 15 inches of rain to begin November (below), there is some rain expected through from the 10th through the 17th (right). However, less than a quarter inch will be common.



## Forecast Precipitation

Valid Ending Sunday November 17th, 2024 at 6 AM CST



Graphic Created  
November 10th, 2024  
1:49 AM CST

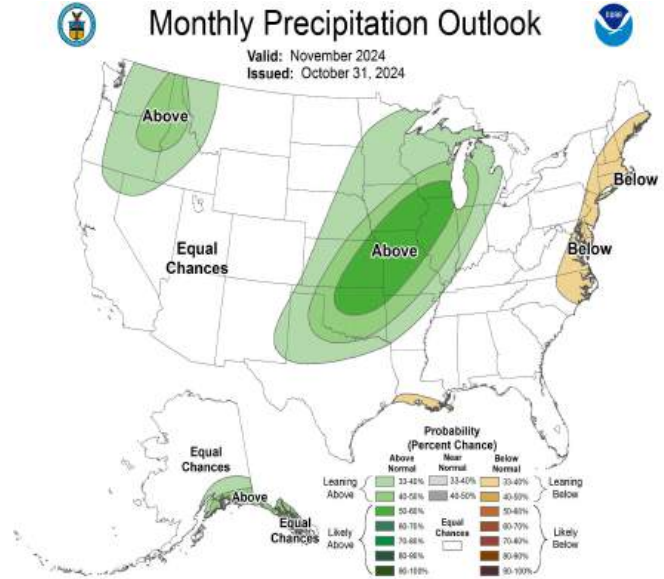




# Long-Range Outlooks

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

- Looking beyond the seven day forecast, there is a slight risk of heavy precipitation across the middle of the country (including Arkansas) from November 17th through the 19th. For the month, confidence is highest in more than usual rain in the northern/western counties. Much of this rain has already come to fruition.







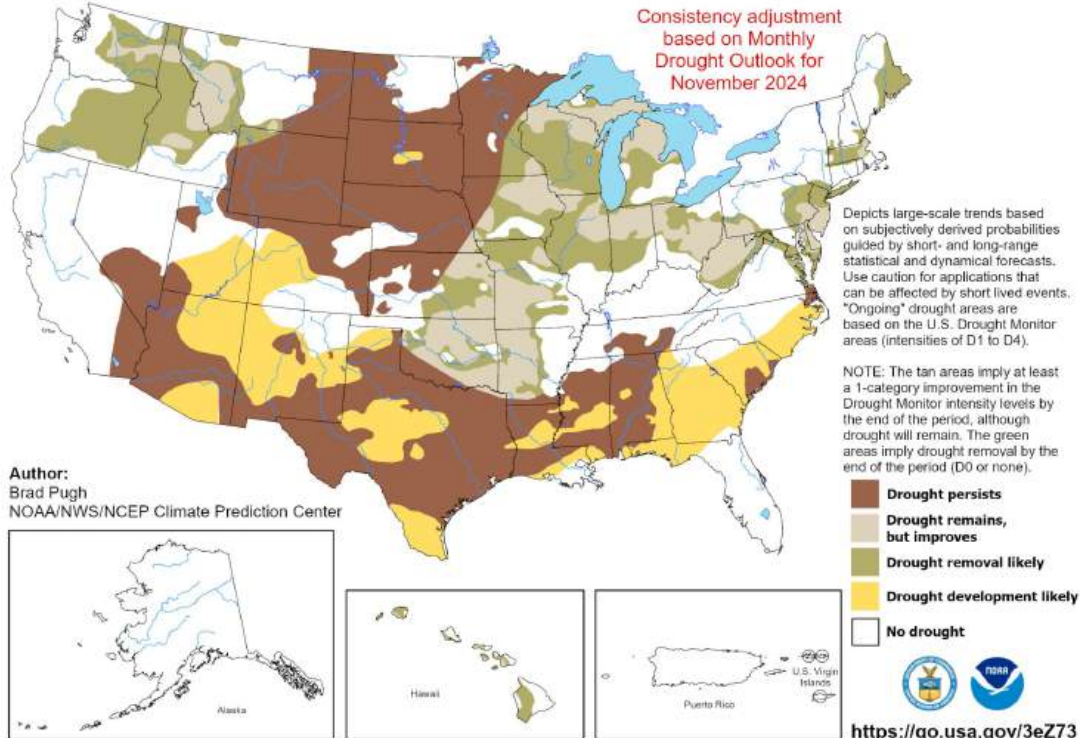
# Drought Outlook

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

- Through the first half of winter, drier than usual conditions are expected initially, with more wetness as the period progresses. There may be enough rain to bring continued drought relief or perhaps wipe out drought conditions in much of the state. If drought persists, the most likely area is southern Arkansas.

## U.S. Seasonal Drought Outlook Drought Tendency During the Valid Period

Valid for November 1, 2024 - January 31, 2025  
Released October 31, 2024



Links to the latest:

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

