



# Drought Information Statement for Southeast LA and Southwest MS

Valid November 2, 2023

Issued By: NWS New Orleans/Baton Rouge

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

- This product will be updated Nov 2, 2023 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/lix/DroughtInformationStatement> for previous statements.





# U.S. Drought Monitor

Link to the [latest U.S. Drought Monitor](#) for SE Louisiana and SW Mississippi

- **Exceptional Drought remains in place across portions of South Central Louisiana and Southwest Mississippi.**
- **Drought intensity and extent**
  - **D4 (Exceptional Drought):** Extensive D4 drought covers nearly all of SE LA and Southern MS
  - **D3 (Extreme Drought):** Portions of SE LA and Coastal MS

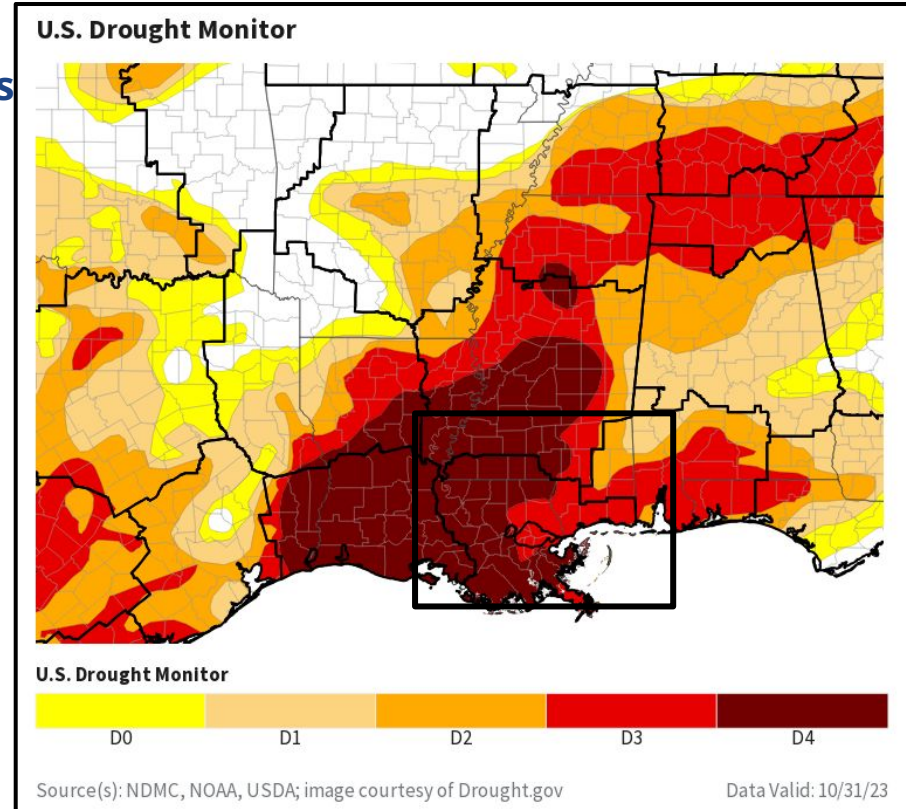


Image Caption: U.S. Drought Monitor valid Oct 31, 2023 at 7 AM CDT





# Recent Change in Drought Intensity

Link to the latest [4-week change map](#) for SE Louisiana and SW Mississippi

- **One Week Drought Monitor Class Change**
  - **Drought Worsened: Drought did not worsen (Yellows)**
  - **No Change: No changes in category the week (Gray)**
  - **Drought Improved: No improvement was noted this week (Greens)**

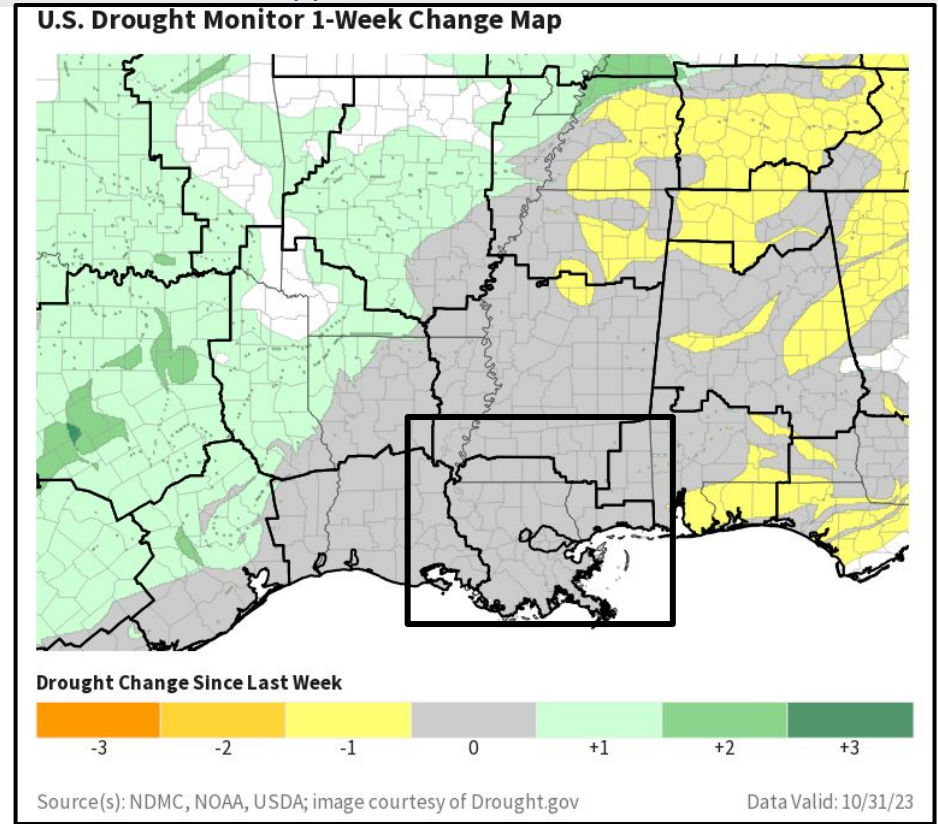


Image Caption: U.S. Drought Monitor 1-week change map Oct 31 , 2023 at 7AM CDT







# Precipitation

- The deficit of rainfall continues to grow with each passing week.
- The total observed rainfall over the last 30 days only was only 1 to 2 inches.
- Much of the region is between 5% to 25% of normal.

Precipitation (in)  
10/3/2023 – 11/1/2023

Percent of Normal Precipitation (%)  
10/3/2023 – 11/1/2023

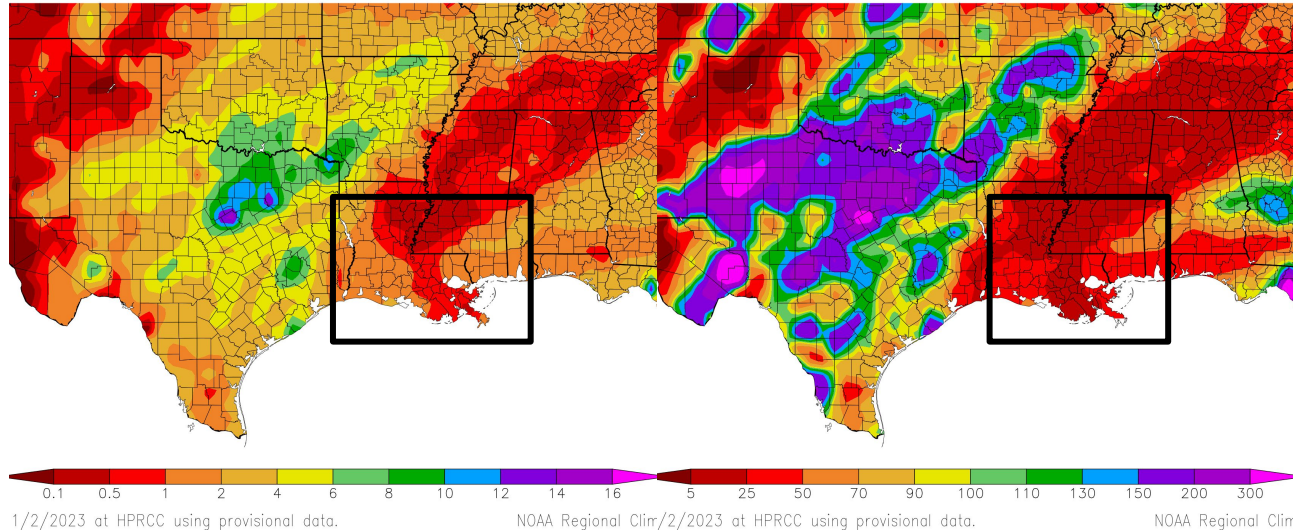


Image Captions:  
Left - Precipitation Amount for SE LA/S MS  
Right - Percent of Normal Precipitation for SE LA/S MS  
Data Courtesy High Plains Regional Climate Center.  
Data over the past 30 days ending Nov 1, 2023



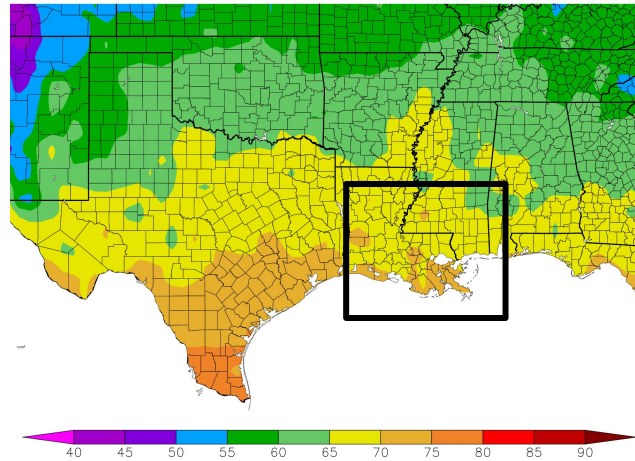




# Temperature

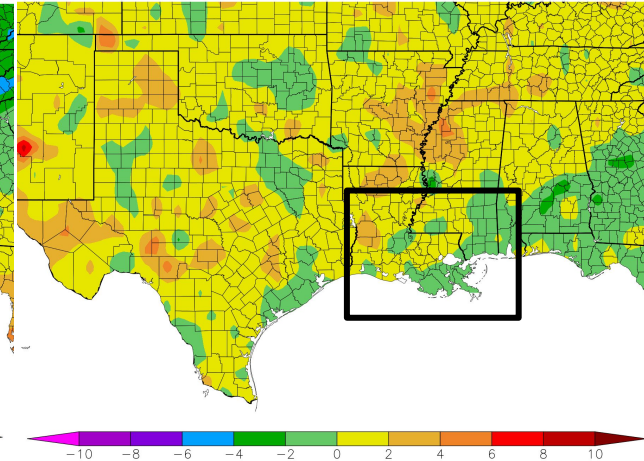
- Temperatures over the last 30 days were averaging near normal or within a few degrees.
- Cooler temperatures allow for less moisture to evaporate from the soils.

Temperature (F)  
10/3/2023 - 11/1/2023



NOAA Regional Climate Center 11/2/2023 at HPRCC using provisional data.

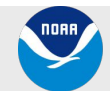
Departure from Normal Temperature (F)  
10/3/2023 - 11/1/2023



NOAA Regional Climate Center 11/2/2023 at HPRCC using provisional data.

NOAA Regional Climate Center 11/2/2023 at HPRCC using provisional data.

Image Captions:  
 Left - Average Temperature for SE LA/S MS  
 Right - Departure from Normal Temperature for SE LA/S MS  
 Data Courtesy High Plains Regional Climate Center.  
 Data over the past 30 days ending Nov 1, 2023





# Agricultural Impacts

- Soil moisture continues to remain depleted across LA and Southern MS
- There has been significant impacts to agriculture
  - Reduced crop yields
  - Livestock sales
  - Poor grazing pasture conditions
  - Winter planting may be delayed

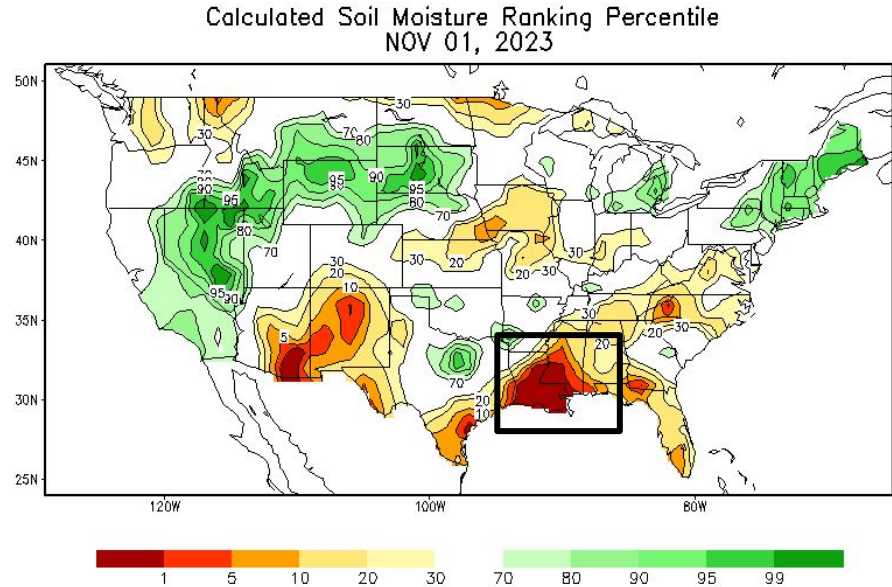


Image Captions: : CPC Calculated [Soil Moisture Ranking Percentile](#)  
valid Oct 11, 2023





# Fire Hazard Impacts

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

- The updated Outlook for November still has the wildfire potential remaining high.
- Conditions will likely continue until we have sufficient rains.
- Burn bans remain in effect for all of LA and S MS.
- Burning should be discouraged as forest fuels are dry.

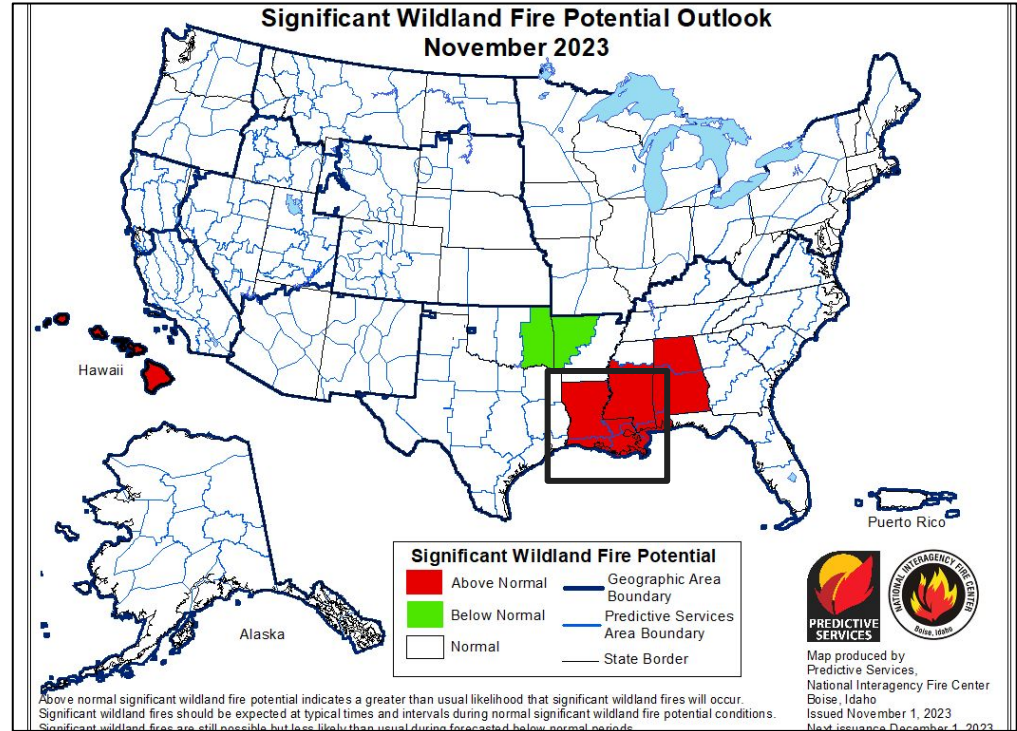


Image Caption: [Significant Wildland Fire Potential Monthly Outlook](#) for October 2023



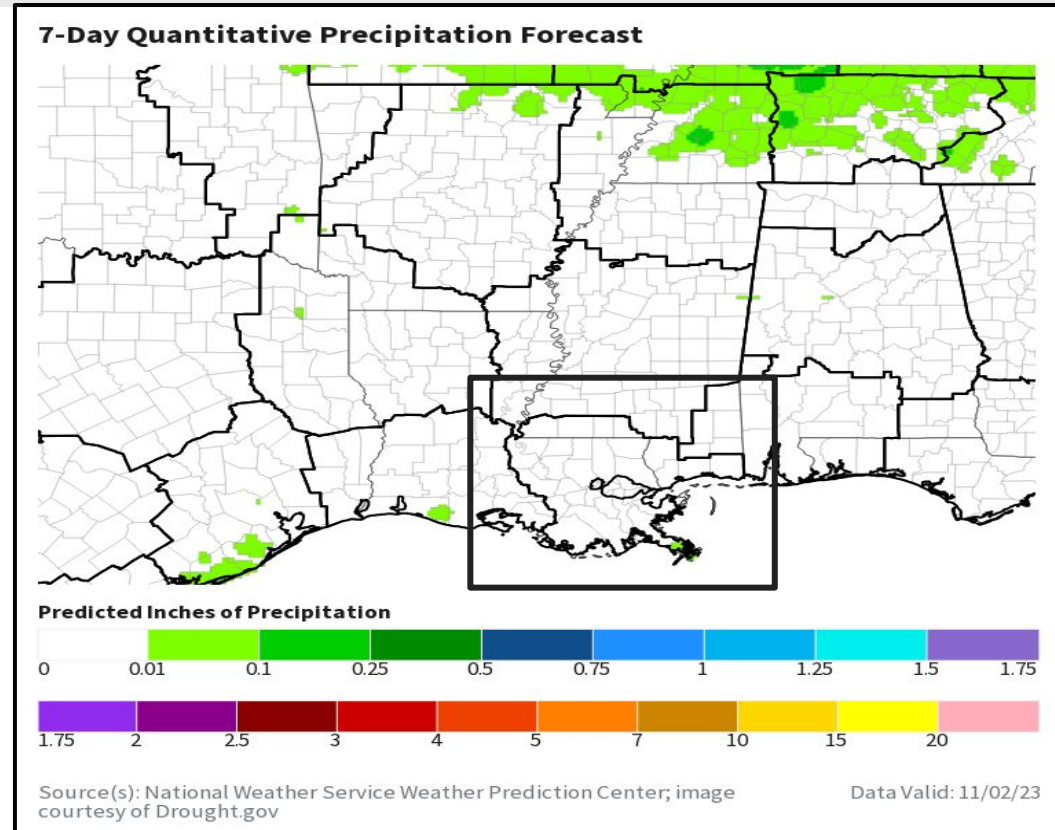




# Seven Day Precipitation Forecast

- The latest passage of October 30th's cold front brought cooler temperatures, but little no rainfall.
- No rainfall is expected in the next 7 days.
- It is likely that there will no improvement to the drought over the next 7 days.

Image Caption: Weather Prediction Center [7-day precipitation forecast](#) valid Thursday Nov 2 to Thursday Nov 9.





# Long-Range Outlooks

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

- November will likely have above normal temperature through the month.
- However, there is some slight confidence that rainfall could be above average.

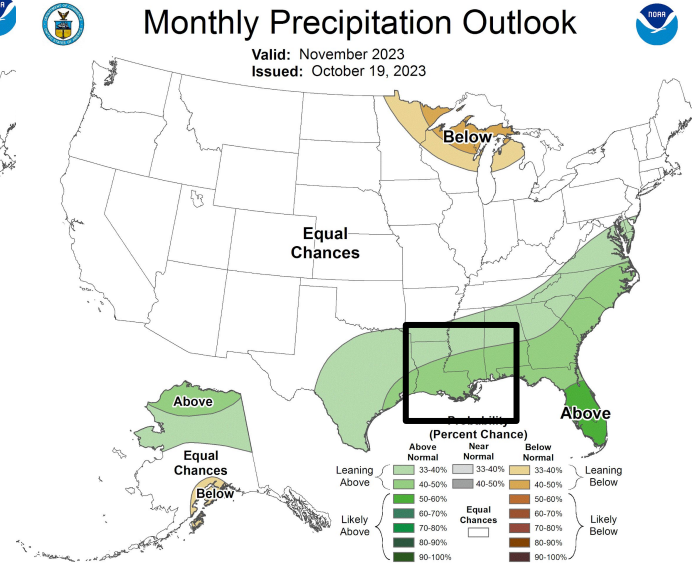
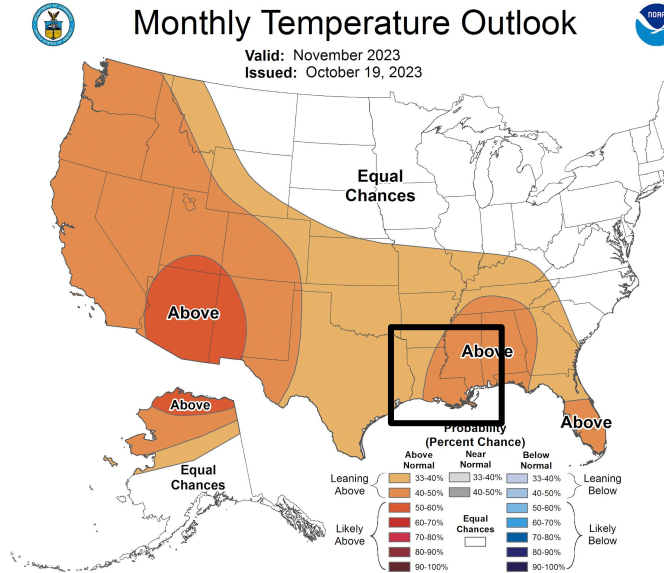


Image Captions:

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

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

Valid October 2023

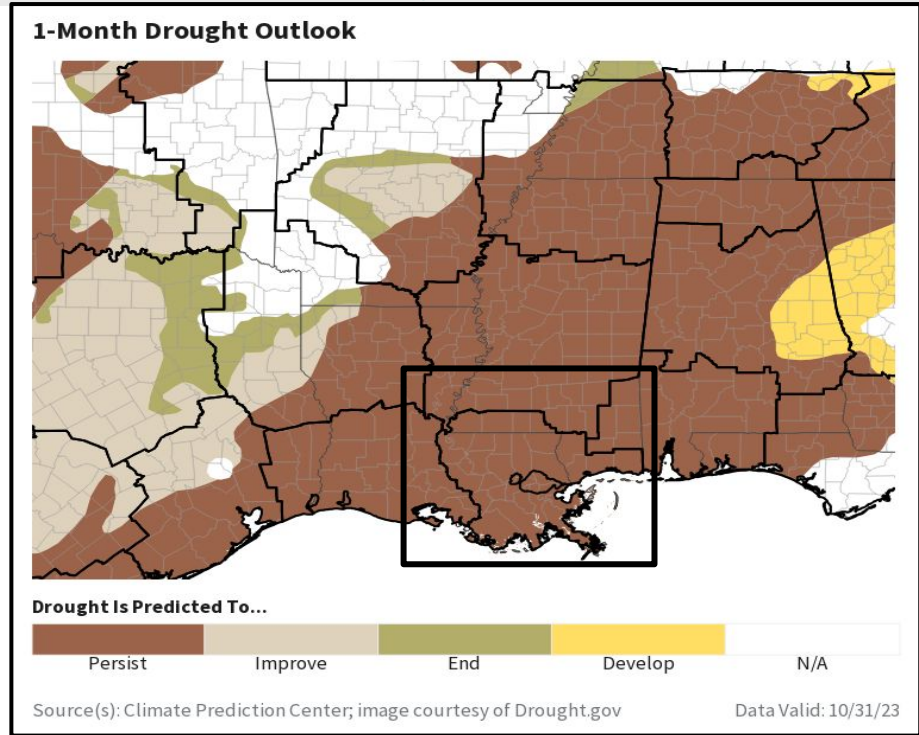




# Drought Outlook

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

- The Monthly Drought Outlook for October has the drought conditions persisting.
- Categories may improve or worsen at times depending on temperatures and rainfall



Links to the latest:

[Climate Prediction Center Monthly Drought Outlook](#)

[Climate Prediction Center Seasonal Drought Outlook](#)

Image Caption:

Climate Prediction Center Monthly Drought Outlook Released  
October 31, valid for November 2023







# Summary of Impacts

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

## Hydrologic Impacts

- Drinking water has been compromised for some communities along the Mississippi River due to salt water intrusion
- Recreational boating and commercial industry navigation are impacted by low water levels

## Agricultural Impacts

- Reports of poor crop conditions and decreased harvests
- Increased livestock sales due to lack of resources; poor grazing conditions
- Winter planting could be delayed and crops affected

## Fire Hazard Impacts

- A wildfire threat remains and burn bans will likely continue

## Mitigation Actions

- Some areas are encouraging water voluntary water restrictions
- Mandatory may become necessary
- Water Conservation is encouraged in drought areas
- Please refer to your municipality, water provider, and local Emergency Management for mitigation information

## Other Information

- Please encourage use of the CMOR (link above) to report drought impacts





For Questions or comments please contact:

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