



Drought Information Statement for southeast MS, southwest AL, and the western FL Panhandle

Valid 11/2/2023

Issued By: WFO Mobile/Pensacola

Contact Information: sr-mob.webmaster@noaa.gov

- This product will be updated November 9, 2023 (or sooner) if drought conditions change significantly.
- Please see all currently available products at drought.gov/drought-information-statements.
- Please visit weather.gov/mob/DroughtInformationStatement for previous statements.



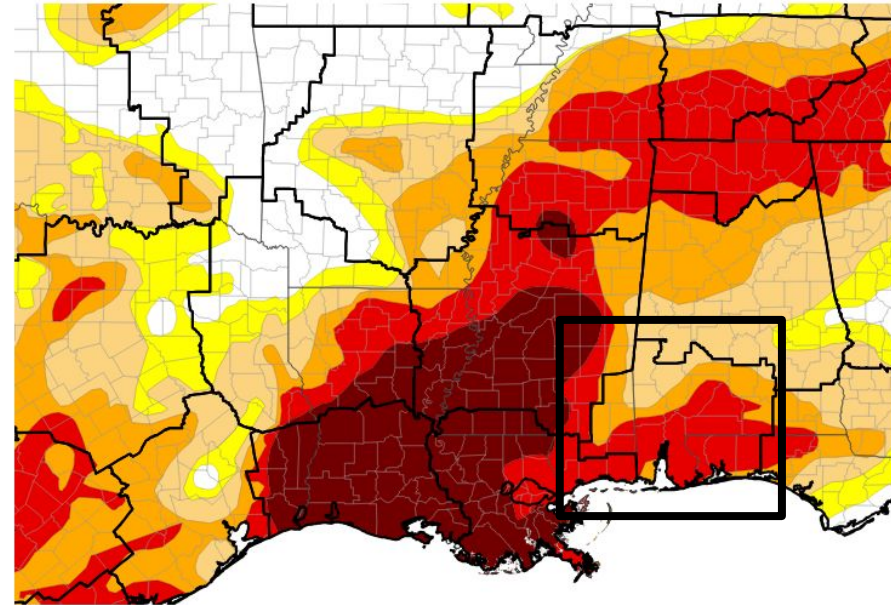


U.S. Drought Monitor

Link to the [latest U.S. Drought Monitor](#) for the SE US and central Gulf Coast

- Extreme drought expands across the southern half of the local area.
- Drought intensity and Extent
 - **D4 (Exceptional Drought):** None.
 - **D3 (Extreme Drought):** Expands to include much of the southern half of the local area.
 - **D2 (Severe Drought):** A small portion of coastal Mobile, coastal Santa Rosa and coastal Okaloosa counties. Areas north and west of the extreme drought area to U.S. Highway 84, west across interior southeast MS.
 - **D1 (Moderate Drought):** Persists for Choctaw, northern Washington, northern Clarke and northern Wilcox counties.

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 10/31/23



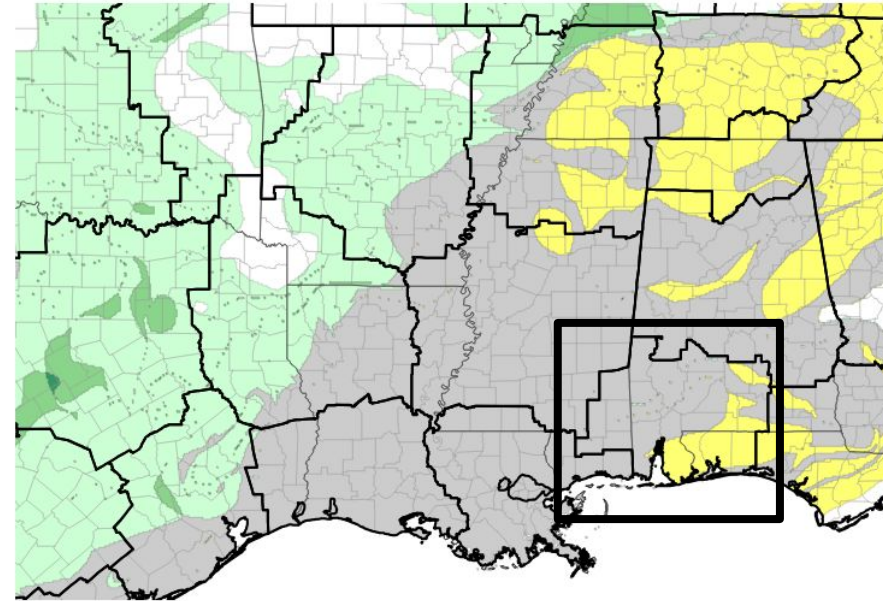


Recent Change in Drought Intensity

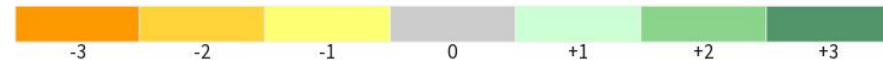
Link to the latest [1-week change map](#) for the SE US and central Gulf Coast

- One Week Drought Monitor Class Change:
 - **Drought Worsened:** From Baldwin County AL, eastward to the Northwest Florida Panhandle into portions of south central AL.
 - **No Change:** Much of the remainder of the area experienced no change in the drought intensity compared to the past week.

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: 10/31/23





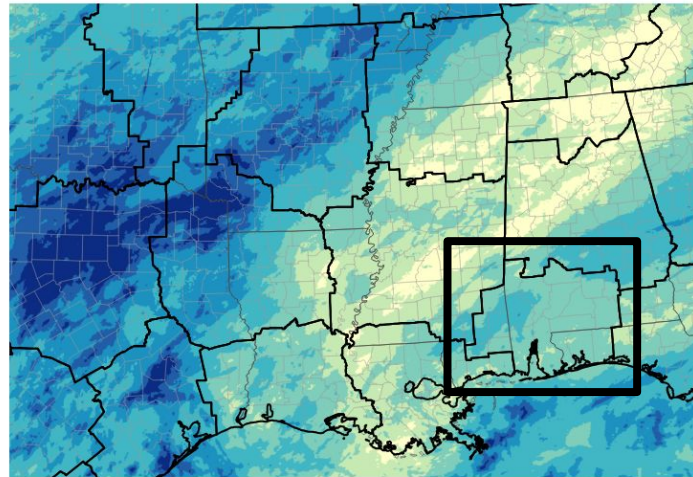
Precipitation

Table of Accumulated Rainfall (Inches) from Select Locations - Period: August 1 to November 1, 2023

Station	Observed	Normal	Departure
Brewton AL 3NNE (COOP) *	4.38	17.60	-13.22
Fairhope AL 2NE (COOP)	5.89	18.30	-12.41
Pensacola FL (ASOS)	7.49	18.97	-11.48
Atmore AL (COOP)	3.40	14.73	-11.33
Pensacola FL 7NNE (COOP)*	6.69	17.45	-10.76
Niceville FL (COOP)	10.49	20.95	-10.46
Crestview FL (ASOS)	5.40	15.73	-10.33
Beaumont MS (COOP)*	3.98	14.11	-10.13
Mobile AL (ASOS)	6.26	16.27	-10.01
Bay Minette AL (COOP)	8.97	18.44	-9.47
Evergreen AL (ASOS) *	3.90	13.30	-9.40
Dauphin Island AL (COOP)	5.85	14.90	-9.05
Downtown Mobile AL (ASOS)	7.83	15.56	-7.73
Leakesville MS 6WSW (COOP)	6.76	13.87	-7.11
Waynesboro MS 2W (COOP)	6.45	12.15	-5.70

* Indicates Record Lowest Amount Recorded for Period

30-Day Precipitation Accumulations (Inches)

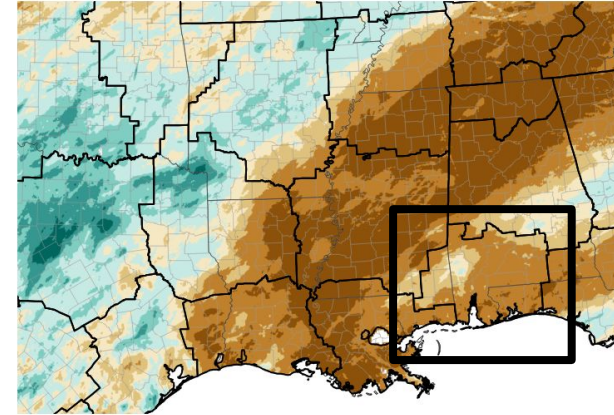


Inches of Precipitation

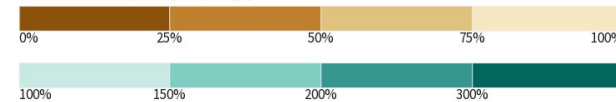


Source(s): National Weather Service Multi-Radar Multi-Sensor System; Last Updated: 11/01/23
 image courtesy of Drought.gov

30-Day Percent of Normal Precipitation



Percent of Normal Precipitation (%)



Source(s): National Weather Service Multi-Radar Multi-Sensor System; Last Updated: 11/01/23
 image courtesy of Drought.gov





Summary of Impacts

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

Hydrologic Impacts

- Many local streams/ivers remain in low flow and stage at below or much below normal levels. Typically, deeply submerged objects will likely be closer to the water's surface or in some cases exposed presenting a waterway hazard for recreational boating and commercial navigation.

Agricultural Impacts

- Crop condition in the hardest hit areas remains poor to very poor. Crop disease is elevated along with increased occurrence of insect damage. Livestock stressed as pasture lands provide little to no feed. Supplemental feeding is required to maintain livestock condition.

Fire Hazard Impacts

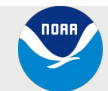
- The risk of significant wildfire remains above normal over southeast Mississippi and the entire state of Alabama.

Societal Impacts

- Increase in air-borne allergens likely to create problems for respiratory sensitive groups.

Mitigation Actions

- Water conservation techniques are strongly encouraged in drought areas. Please refer to your municipality and/or water provider for mitigation information. Local water restriction ordinances may be in place.





Hydrologic Conditions and Impacts

Select River/Stream Points at Below Normal Levels - Valid 8AM November 2, 2023

River/Stream Point	Discharge(cfs)	Stage(ft)	%Class, Rating
Cyprus Creek at Janice MS	8	5.68	13, Below Normal
Red Creek at Vestry MS	127	4.02	8, Much Below Normal
Big Creek at Co. Rd 63 near Wilmer AL	14	1.55	8, Much Below Normal
Chickasaw Creek near Kushla AL	42	2.71	6, Much Below Normal
Styx River near Elsanor AL	116	1.59	14, Below Normal
Pine Barren Creek near Snow Hill AL	31	2.31	21, Below Normal
Alabama River at Claiborne L&D	4450	34.78	5, Much Below Normal
Escambia River near Century FL	873	2.93	8, Much Below Normal
Eleven Mile Creek near West Pensacola FL	23	4.70	5, Much Below Normal
Perdido River at Barrineau Park FL	207	1.18	4, Much Below Normal
Shoal River near Crestview FL	251	2.07	3, Much Below Normal
Yellow River at Milligan FL	200	0.52	7, Much Below Normal

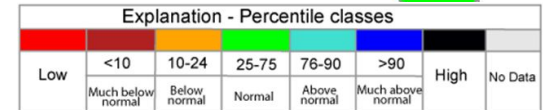
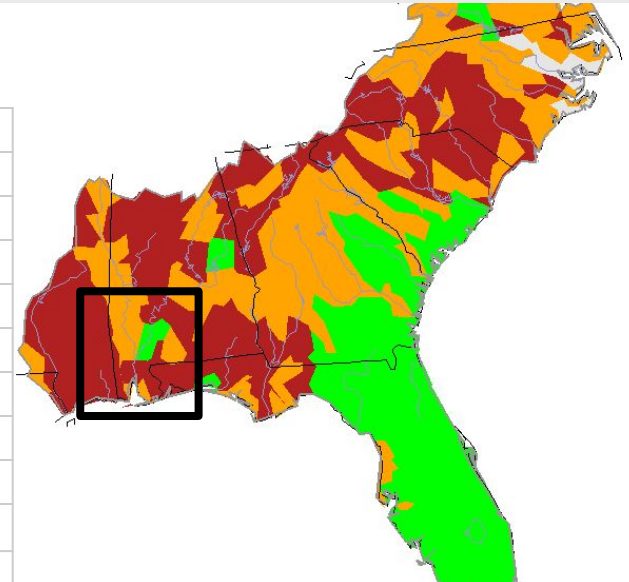


Image Caption: USGS 7 day average streamflow HUC map valid 11/2/2023. Box Inset - Below to much below normal stream/river flow persists over much of the central Gulf Coast.

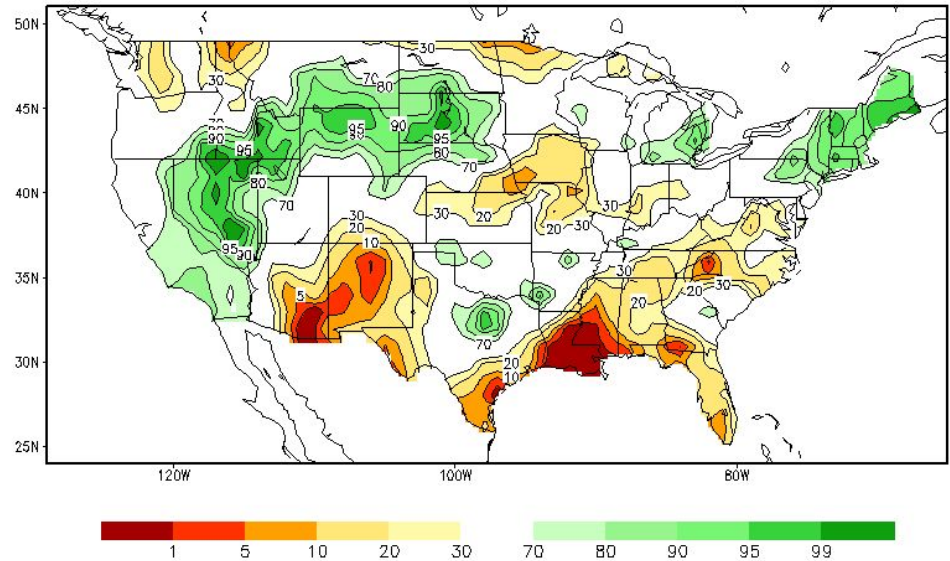




Agricultural Impacts

- Crop condition is poor to very poor in the hardest hit drought areas. Crop disease, insect damage to fields, and livestock stress is elevated. It is recommended that farmers reach out to your local USDA office for details on available funding assistance.
- The latest topsoil moisture content short to very short metrics vs 10-year means (Depth 6", courtesy of USDA 10/29/23):
 - MS: 81% Dry (Avg: 33%)
 - AL: 85% Dry (Avg: 35%)
 - FL: 39% Dry (Avg: 21%)

Calculated Soil Moisture Ranking Percentile
NOV 01, 2023

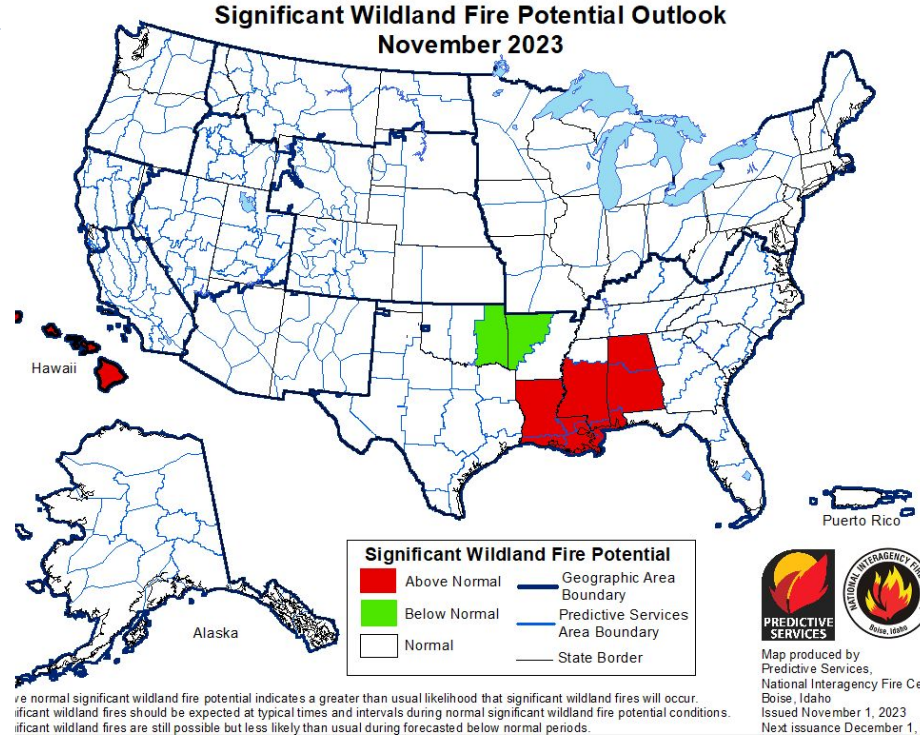




Fire Hazard Impacts

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

- Decayed timber and very dry underbrush in area forests along with dry grasslands pose an above normal risk for significant wildfire potential over the central and southern part of the state of Mississippi and all of Alabama. In the event of strong cold frontal passages, periods of critically low daytime humidity in combination gusty northerly winds will only exacerbate the wildfire potential.
- Local park campers are strongly urged to follow park instructions on campfires. If allowed, keep camp fires contained in enclosed screens if available and ensure fires are completely put out before going to bed.
- To view the seven day significant fire potential maps, please refer to the link above.



Normal significant wildland fire potential indicates a greater than usual likelihood that significant wildland fires will occur. Significant wildland fires should be expected at typical times and intervals during normal significant wildland fire potential conditions. Significant wildland fires are still possible but less likely than usual during forecasted below normal periods.

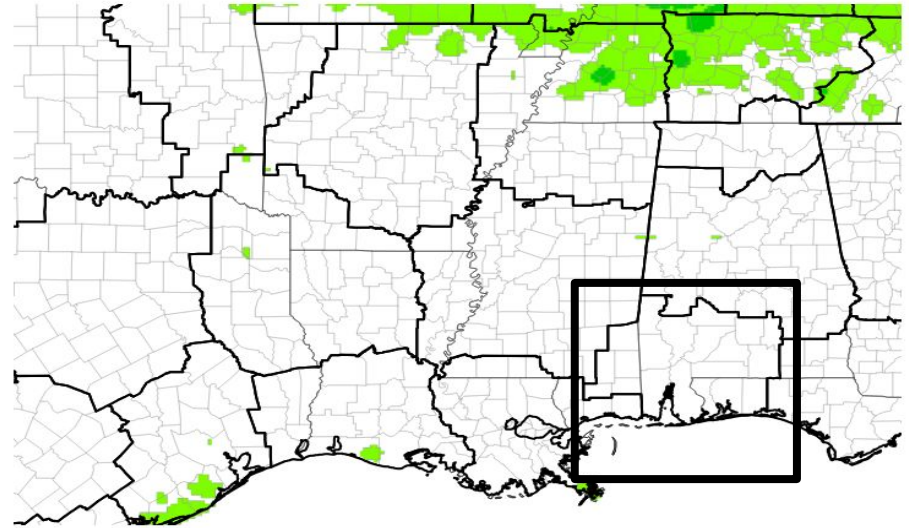
Latest Burn Bans and/or Advisories By State:
[Mississippi](#) and [Alabama](#) and [Florida](#)



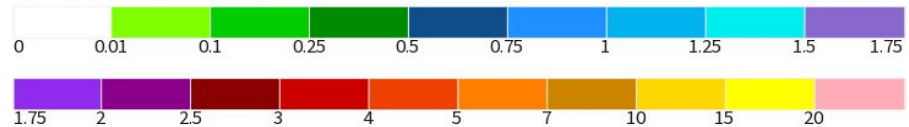
Seven Day Precipitation Forecast

- The shorter term rainfall outlook through November 9th looks to be rainfree along the central Gulf coast.

7-Day Quantitative Precipitation Forecast



Predicted Inches of Precipitation



Source(s): National Weather Service Weather Prediction Center; image courtesy of Drought.gov

Data Valid: 11/02/23

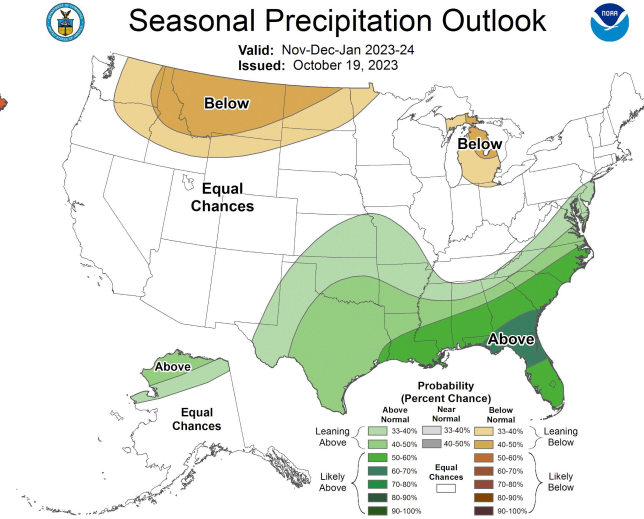
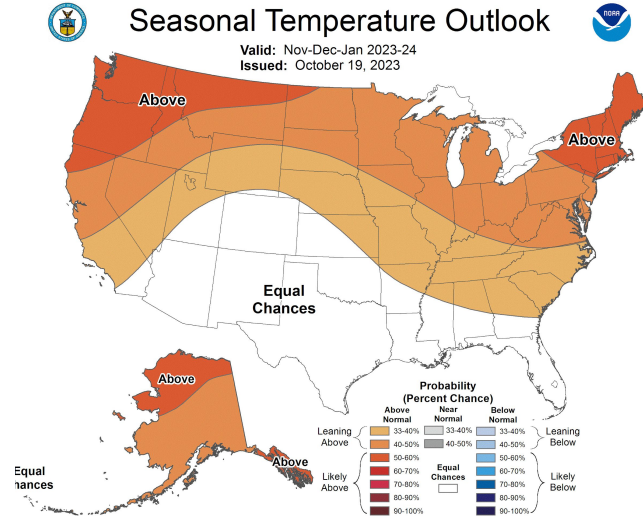




Long-Range Outlooks

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

- Equal chances of above or below normal temperatures are favored from Nov-Dec-Jan 2023-24.
- The seasonal outlook for precipitation over the same period leans above normal from the deep south to the southeast U.S.



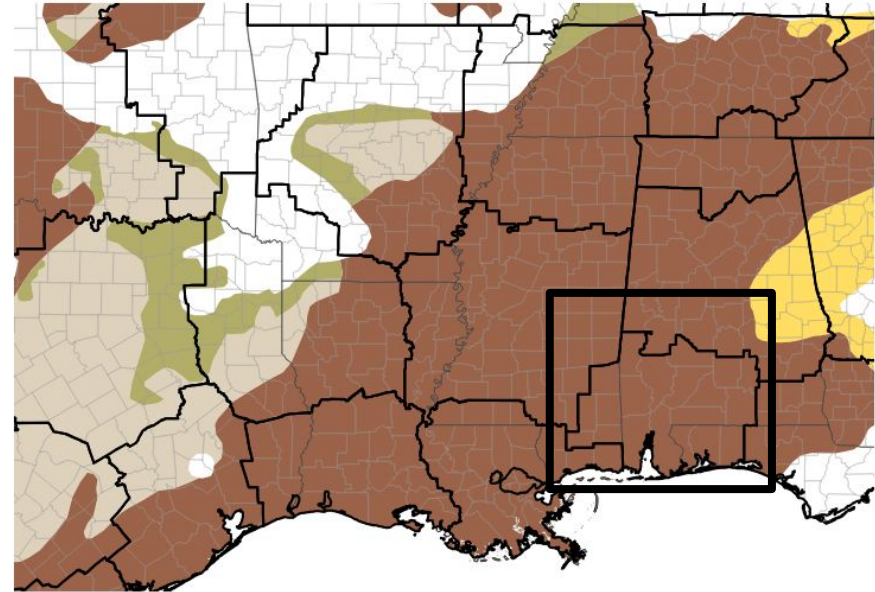


Drought Outlook

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

- Drought is favored to persist over the entirety of the local area through the month of November.
- Indications in the longer term outlook, closing out 2023 and entering the beginning of 2024, reflects an improvement or perhaps an end to drought.

1-Month Drought Outlook



Drought Is Predicted To...



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

Data Valid: 10/31/23

Links to the latest:

[Climate Prediction Center Monthly Drought Outlook](#)

[Climate Prediction Center Seasonal Drought Outlook](#)



National Oceanic and Atmospheric Administration
U.S. Department of Commerce

National Weather Service
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