



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

Valid 11/30/2023

Issued By: WFO Mobile/Pensacola

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- This is the final product issued in the testing phase format. The legacy text based versions will commence 12/7/23.
- Please see all currently available products at [drought.gov/drought-information-statements](https://drought.gov/drought-information-statements).
- Please visit [weather.gov/mob/DroughtInformationStatement](https://weather.gov/mob/DroughtInformationStatement) for previous statements.



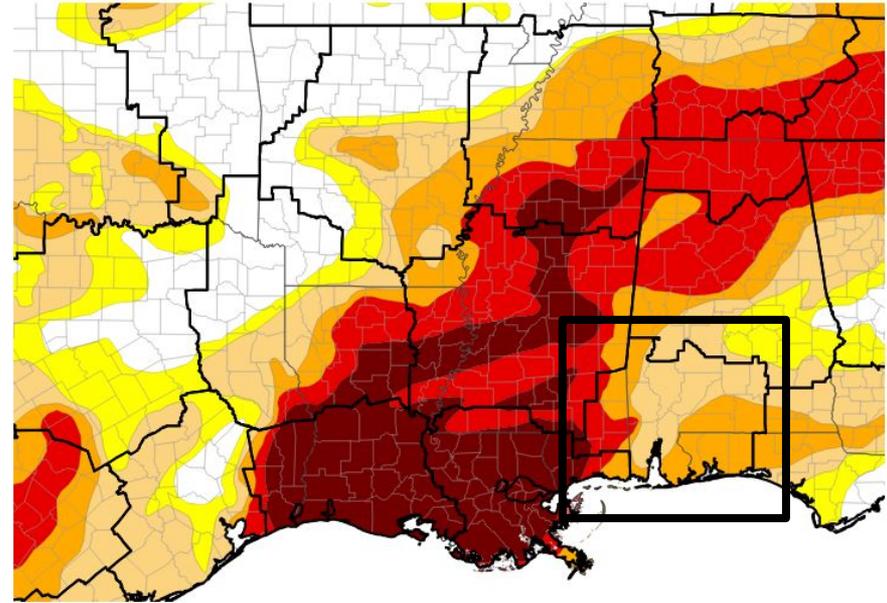


# U.S. Drought Monitor

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

- Drought continues, but recent rains bring the most improvement to southwest Alabama
- Drought Intensity and Extent
  - **D4 (Exceptional Drought):** Persists for western Stone Co. MS.
  - **D3 (Extreme Drought):** Much of the remainder of Southeast MS.
  - **D2 (Severe Drought):** southwest AL/southeast MS state border. A small portion of southern Mobile and Baldwin counties. South-central AL and the western FL Panhandle.
  - **D1 (Moderate Drought):** The lower Tombigbee and Alabama Rivers to up across the U.S Highway 84 corridor.

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 11/28/23



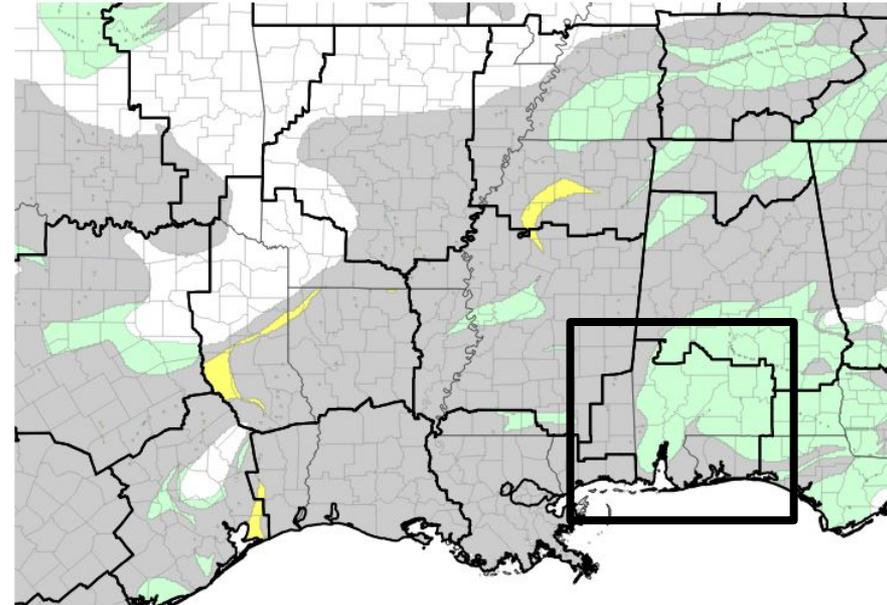


# Recent Change in Drought Intensity

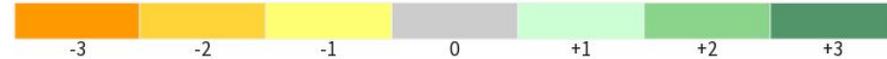
Link to the latest [1-week change map](#) for the SE US and central Gulf Coast

- One Week Drought Monitor Class Change:
  - **Drought Improved:** Much of southwest Alabama saw a one-class improvement over the past week.
  - **No Change:** The remainder of the local 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: 11/28/23





# Precipitation

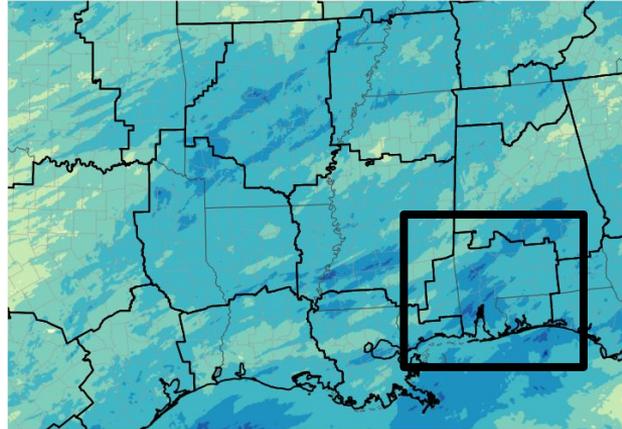
## Table of Accumulated Rainfall (Inches) from Select Locations - Period: August 1 to November 29, 2023

Station	Rainfall	Normal	% of Normal
Beaumont MS *	6.52	17.84	36.5%
Atmore AL	7.05	18.75	37.6%
Crestview FL	8.24	19.56	42.1%
Fairhope AL 2NE	9.69	22.56	43.0%
Evergreen AL *	7.44	17.02	43.7%
Pensacola FL 7NNE	10.31	21.21	48.6%
Pensacola FL	11.61	22.91	50.7%
Mobile AL	10.89	20.43	53.3%
Waynesboro MS 2W	8.65	15.96	54.2%
Niceville FL	13.95	25.40	54.9%
Bay Minette AL	13.11	22.54	58.2%

Sites include NWS Automated Weather Stations and COOP.

\* Indicates Record Lowest Amount Recorded for Period

### 30-Day Precipitation Accumulations (Inches)

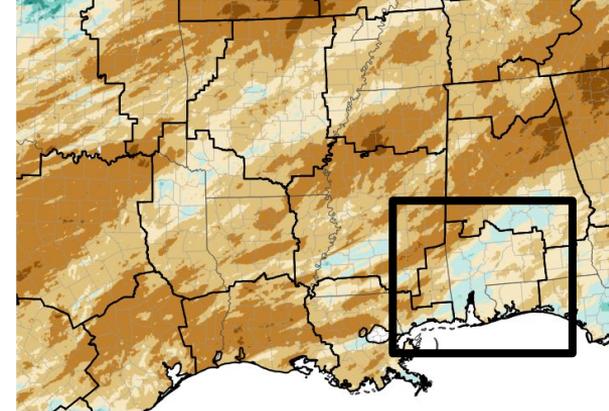


#### Inches of Precipitation

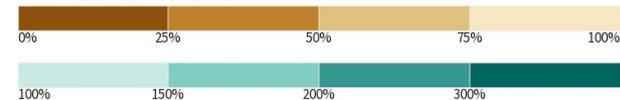


Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov Last Updated: 11/30/23

### 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: 11/30/23





# Summary of Impacts

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

## Hydrologic Impacts

- Area streams and local rivers that are running below normal brings a multitude of hazards. 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

- Extreme degree of crop loss to yield potential in the hardest hit areas. Crop disease is elevated along with increased occurrence of insect damage. Reports of winter rye-grass being barely visible and drought stressed. Peanuts and cotton reported to be of lower grade and more difficult to harvest due to lack of rainfall. Livestock stressed as pasture lands provide little to no feed with reports in some areas of 50% hay reduction and 25 to 50% reduction in quality. Increased farmer expense for supplemental feeding initiatives 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.

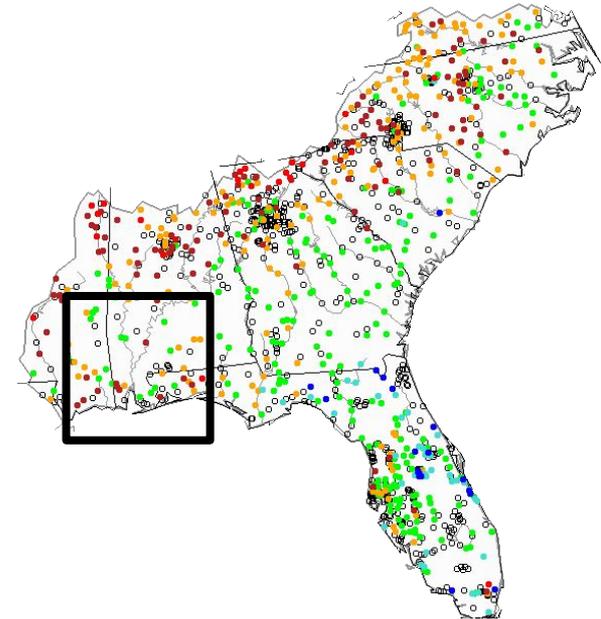




# Hydrologic Conditions and Impacts

- There is nearly an equal blend in flow and stage levels on many local stream and river points running at normal to below normal.

Wednesday, November 29, 2023



Explanation - Percentile classes							
Low	<10	10-24	25-75	76-90	>90	High	No Data
	Much below normal	Below normal	Normal	Above normal	Much above normal		

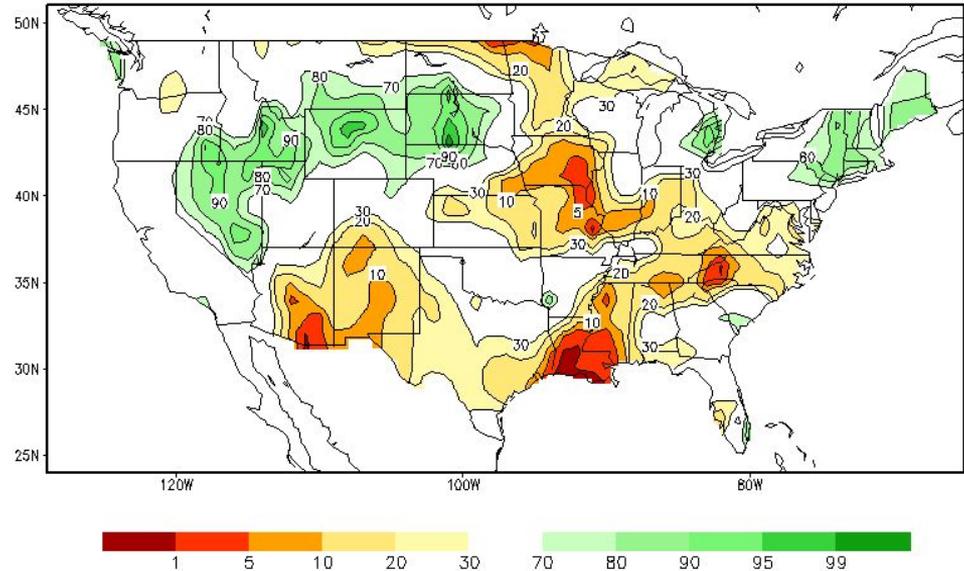




# Agricultural Impacts

- Winter crop grade 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 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 11/26/23):
  - MS: 66% Dry (Avg: 23%)
  - AL: 74% Dry (Avg: 32%)
  - FL: 16% Dry (Avg: 30%)

Calculated Soil Moisture Ranking Percentile  
NOV 29, 2023

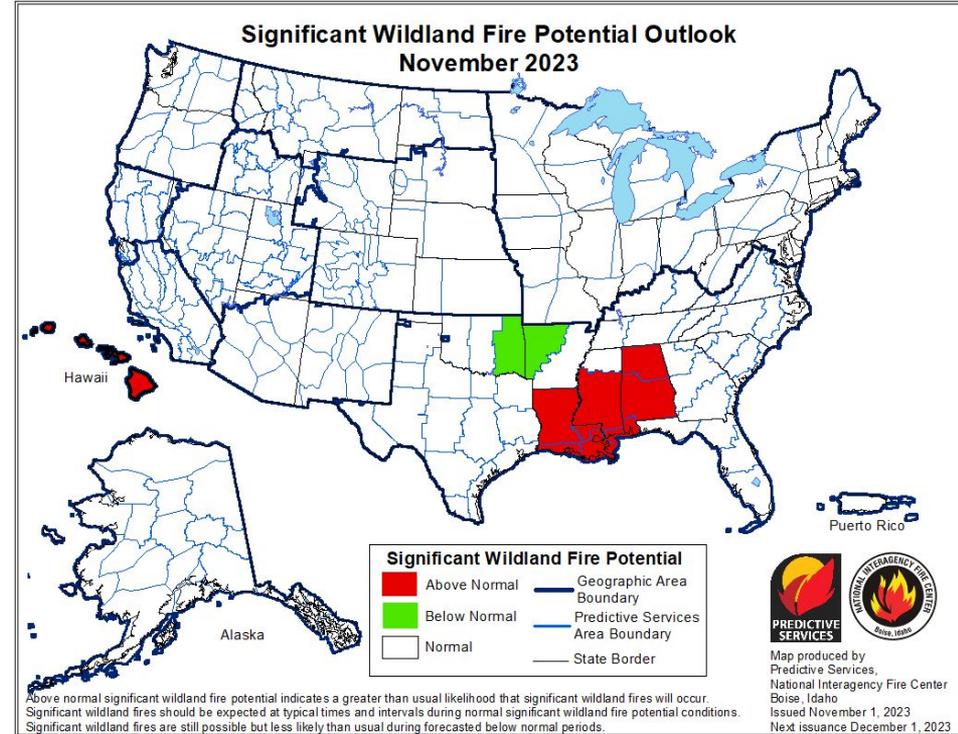




# Fire Hazard Impacts

Link to [Wildfire Potential Outlooks from the National Interagency Fire 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.



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

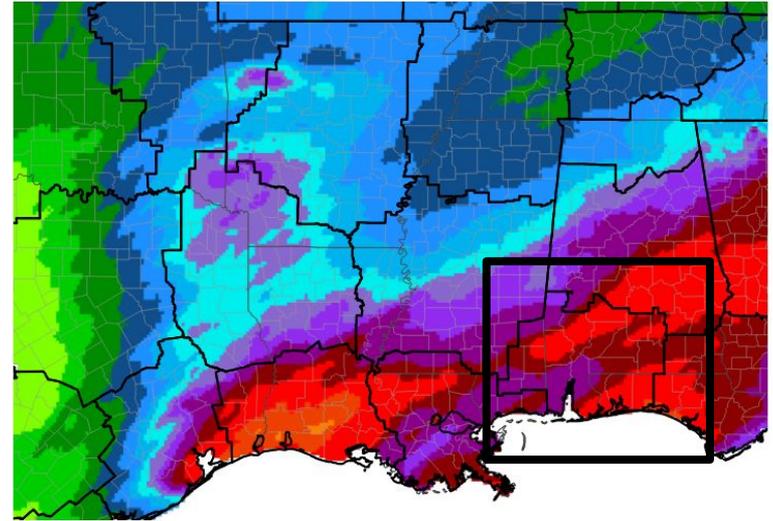




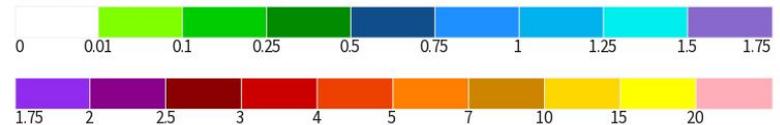
# Seven Day Precipitation Forecast

- A significant rainfall episode is expected to impact the coastal plain from late Thursday November 30th, continuing into early Sunday December 3rd as several waves of rain move across the central Gulf coast.
- Storm total, basin average rains look to range mostly 2 to 4 inches. Locally higher amounts possible in areas that experience repeated motion of heavier showers and storms.

7-Day Quantitative Precipitation Forecast



Predicted Inches of Precipitation



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

Data Valid: 11/30/23

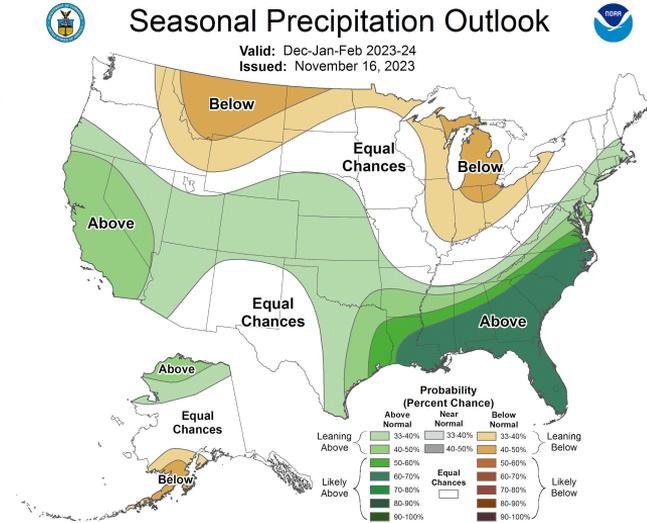
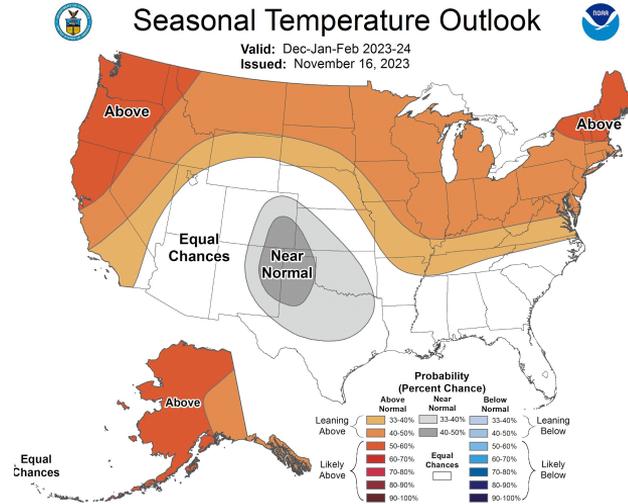




# Long-Range Outlooks

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 likely above normal from the deep south to the southeast U.S.



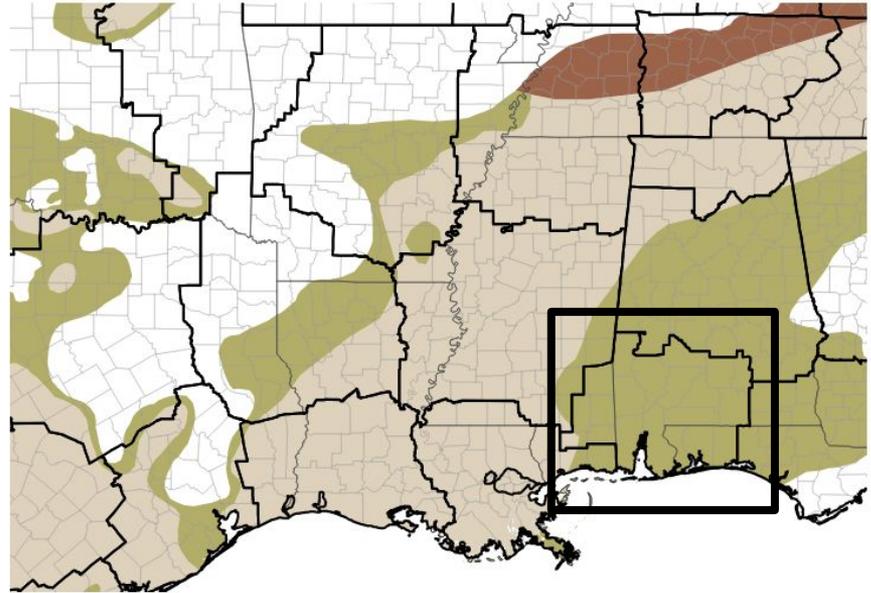


# Drought Outlook

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

- Indications in the longer term outlook, closing out 2023 and entering the beginning of 2024, reflects an improvement or perhaps an end to drought.

## Seasonal (3-Month) Drought Outlook



Drought Is Predicted To...



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

Data Valid: 11/16/23

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  
Mobile/Pensacola