



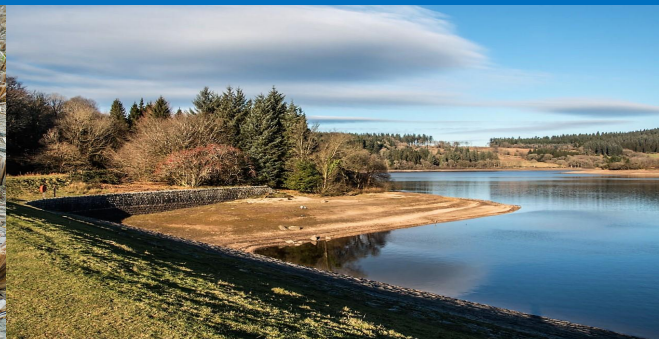
# Drought Information Statement for Southeast AL, Southwest GA, and the FL Panhandle & Big Bend

Valid November 3, 2023

Issued By: WFO Tallahassee, FL

Contact Information: [kelly.godsey@noaa.gov](mailto:kelly.godsey@noaa.gov), [cameron.young@noaa.gov](mailto:cameron.young@noaa.gov)

- This product will be updated November 10, 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/tae/DroughtInformationStatement> for previous statements.

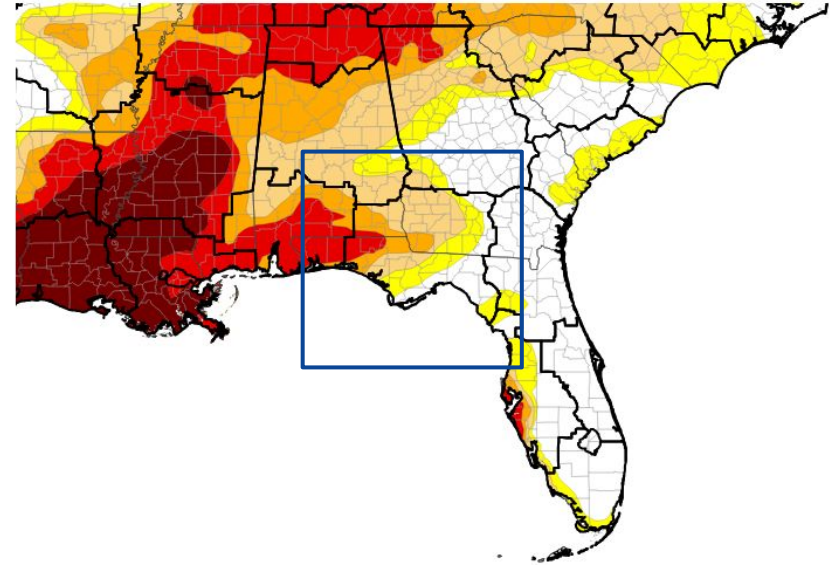




# U.S. Drought Monitor

Link to the [latest U.S. Drought Monitor](#) for southeast AL, southwest GA, and the FL Panhandle & Big Bend

- Extreme Drought has developed in Geneva, Walton, and Holmes Counties.
- Moderate drought has spread farther east across southwest Georgia.
- Drought intensity and Extent
  - **D3 (Extreme Drought)**: northern Walton, Holmes, and southern Geneva Counties
  - **D2 (Severe Drought)**: much of southeast Alabama, the Florida Panhandle, and far southwest Georgia
  - **D1 (Moderate Drought)**: most of southwest Georgia into the eastern Florida Panhandle and western Big Bend
  - **D0: (Abnormally Dry)**: south central Georgia, the western Florida Big Bend, and Dixie County



U.S. Drought Monitor



Image Caption: U.S. Drought Monitor valid 8am EDT October 31.





# Recent Change in Drought Intensity

Link to the latest [2-week change map](#) for southeast AL, southwest GA, and the FL Panhandle & Big Bend

- Two Week Drought Monitor Class Change.
  - **Drought Worsened:** much of southeast Alabama, southwest Georgia, and the Florida Panhandle and Big Bend
  - **No Change:** The rest of the forecast area
  - **Drought Improved:** N/A

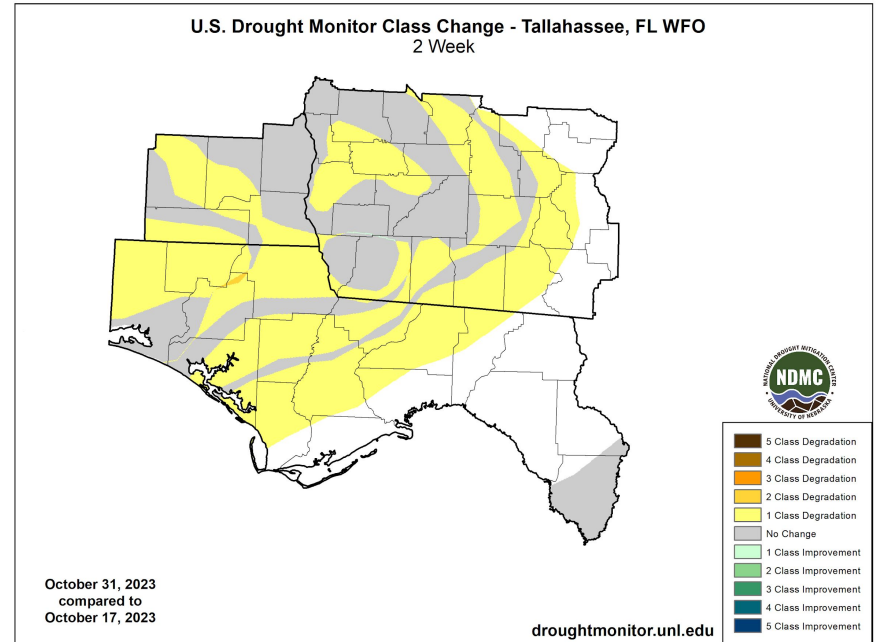


Image Caption: U.S. Drought Monitor 2-week change map valid 8am EDT October 31.



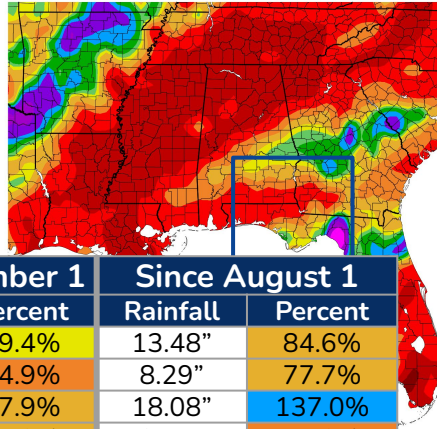


# Precipitation

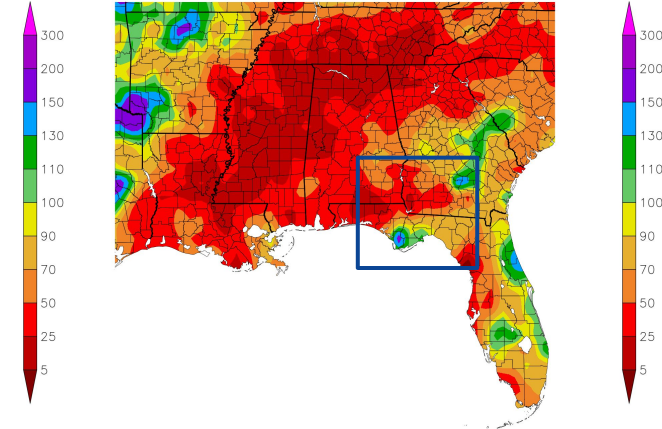
Note: Precipitation after 8 AM EDT/7 AM CDT Tuesday is incorporated in next week's Drought Monitor

- Most areas west of the ACF Basin are running 5-12 inches below normal for the last 3 months, or about 20-60% of normal.

Percent of Normal Precipitation (%)  
10/4/2023 – 11/2/2023



Percent of Normal Precipitation (%)  
9/4/2023 – 11/2/2023



	Since October 1		Since September 1		Since August 1	
	Rainfall	Percent	Rainfall	Percent	Rainfall	Percent
Tallahassee	2.99"	87.4%	8.28"	99.4%	13.48"	84.6%
Albany	1.26"	51.0%	3.79"	64.9%	8.29"	77.7%
Valdosta	2.71"	70.0%	7.11"	87.9%	18.08"	137.0%
Panama City	1.93"	51.1%	6.36"	71.9%	9.11"	57.0%
Marianna	0.83"	25.4%	5.50"	75.0%	7.64"	62.3%
Dothan	1.13"	38.6%	3.74"	60.3%	6.24"	50.4%
DeFuniak Springs*	1.04"	31.2%	1.77"	21.7%	5.29"	36.9%
Geneva	1.20"	31.1%	2.14"	23.8%	3.20"	22.2%
Quincy*	2.35"	56.4%	5.06"	49.3%	9.68"	59.4%
Arlington*	1.47"	49.1%	2.21"	32.6%	4.74"	37.6%
Attapulcus*	2.14"	75.4%	3.49"	49.1%	8.71"	66.3%
Georgetown*	2.03"	69.8%	5.42"	77.6%	9.62"	75.9%

\*UF FAWN or UGA Mesonet Sites

NOAA Regional Climate Centers 23 at HPRCC using provisional data.

NOAA Regional Climate Center.

Image Captions:  
Left - 30-Day Percent of Normal Precipitation for the Southeast US  
Right - 60-Day Percent of Normal Precipitation for the Southeast US  
Data Courtesy High Plains Regional Climate Center and Southeast Regional Climate Center.

Data over the past 30 and 60 days ending November 2, 2023



# Summary of Impacts

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

## Hydrologic Impacts

- Many rivers along and west of the ACF basin are running below to well-below normal in terms of streamflow, with an increasing number of streamflows well below normal.
- Record low streamflows continue along the Shoal River at Mossy Head.

## Agricultural Impacts

- Alabama & Florida: Peanut and cotton yields are reduced. Cattle farmers are also having to supplement hay for feeding.
- Georgia: Some farmers in southwest Georgia have not been able to plant fall forage due to dry conditions and may need to sell cattle since there is little hay or water.

## Fire Hazard Impacts

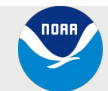
- The Alabama Forestry Commission has issued a [Fire Alert](#) for the entire state of Alabama.
- Walton, Washington, and Bay Counties in Florida are now under [burn bans](#).
- [Burn restrictions](#) are in place for Quitman, Randolph, Terrell, Clay, Calhoun, Early, and Miller Counties in Georgia

## Other Impacts

- The Alabama Department of Economic and Community Affairs Office of Water Resources (ADECA OWR) has declared a Drought Warning for Geneva County and a Drought Watch for Coffee, Dale, Henry, and Houston Counties. The declaration can be found [here](#).

## Mitigation Actions

- Please refer to your municipality and/or water provider for mitigation information.





# Hydrologic Conditions and Impacts

- Most rivers along and west of the ACF basin are below to well-below average streamflows.
- An increasing number of gages are reporting well-below average streamflows over the last week.
- Streamflows for the Shoal River at Mossy Head remain the lowest on record for this time of year.

## Gages that are much below normal

	7-Day Average Streamflow Percentile	14-Day Average Streamflow Percentile	28-Day Average Streamflow Percentile
Shoal River at Mossy Head	2.0%	2.0%	2.0%
Pea River at Samson	9.3%	13.5%	20.8%
Choctawhatchee River at Caryville	9.7%	11.3%	13.2%
Choctawhatchee River at Bruce	7.4%	9.6%	12.4%
Flint River at Albany	8.3%	11.2%	18.7%
Apalachicola River at Chattahoochee	7.9%	13.0%	14.8%
Apalachicola River at Blountstown	6.9%	11.2%	13.8%
Little Atappulgus Creek at Atappulgus	5.8%	5.6%	9.7%

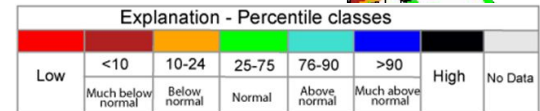
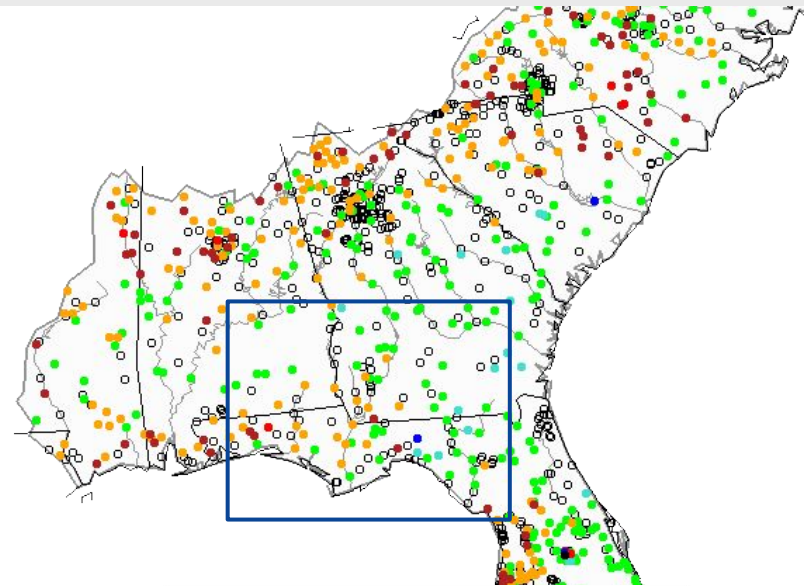


Image Caption: USGS 28 day average streamflow map valid November 2, 2023

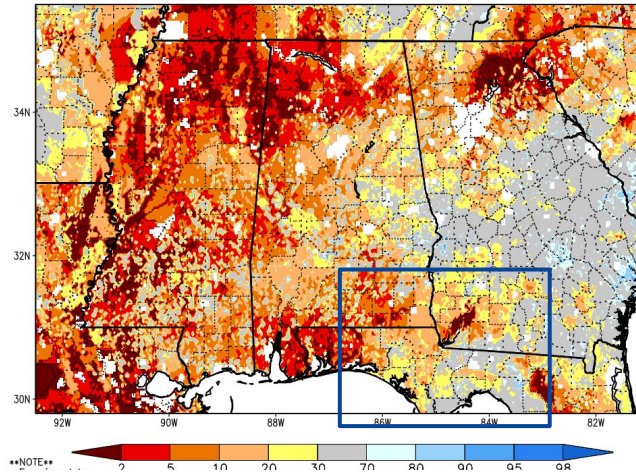




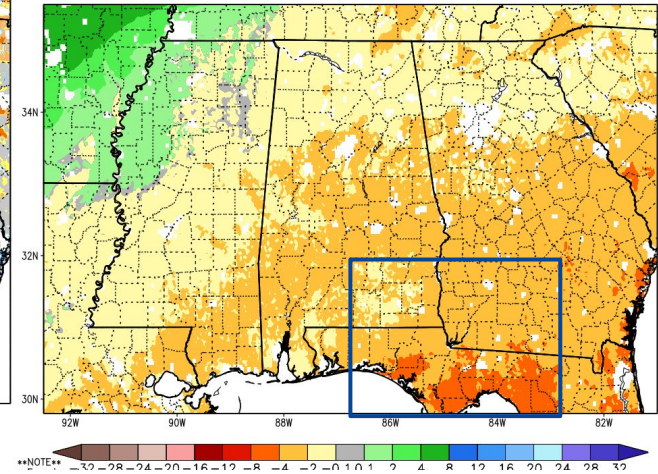
# Agricultural Impacts

- Soil moisture is below to well below normal west of the ACF Basin.
- Soils have been generally drying area-wide, with a greater rate of drying across the Florida counties in the last couple weeks.
- Farmers are reporting peanut and cotton losses, difficulty planting winter crops and fall forage, and have considered selling cattle due to lack of hay and water.

SPoRT-LIS 0-2 m RSM percentile valid 03 Nov 2023



2-Week Difference in Column Relative Soil Moisture (%) valid 12z 03 Nov 2023



\*\*NOTE\*\*

\*\*NOTE\*\*

Image Captions:

Left: 0-2 m Relative Soil Moisture Percentile from NASA SPoRT valid November 2, 2023

Right: 0-2 m Relative Soil Moisture 2-week Change from NASA SPoRT valid through November 2, 2023

2023 Crop Reports  
[Alabama](#) | [Florida](#) | [Georgia](#)





# Fire Hazard Impacts

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

- Burn bans or restrictions are in place for southeast Alabama and parts of the FL Panhandle and southwest GA.
- KBDI values continue to climb with many areas west of the ACF now above 600.
- There has been a significant uptick in wildfires across the FL Panhandle and southeast AL this week thanks to strong winds and low humidity on top of intensifying drought.
- Wildfire potential remains above normal for AL this month.

## [7-Day Significant Fire Potential Outlook from the Southern Area Coordination Center](#)

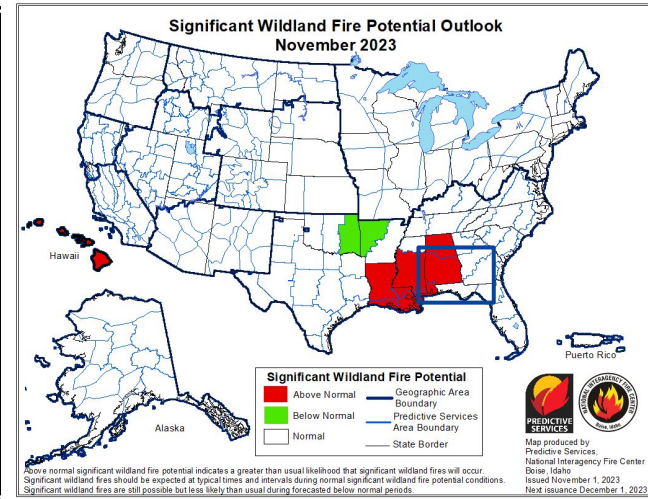
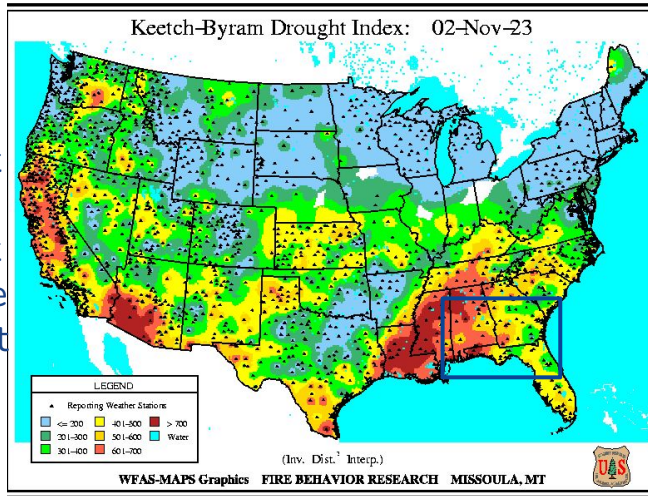


Image Captions:

Left - Keetch-Byram Drought Index valid November 2, 2023 (Wildland Fire Assessment System)  
 Right - Significant Wildland Fire Potential for November 2023 (National Interagency Coordination Center)

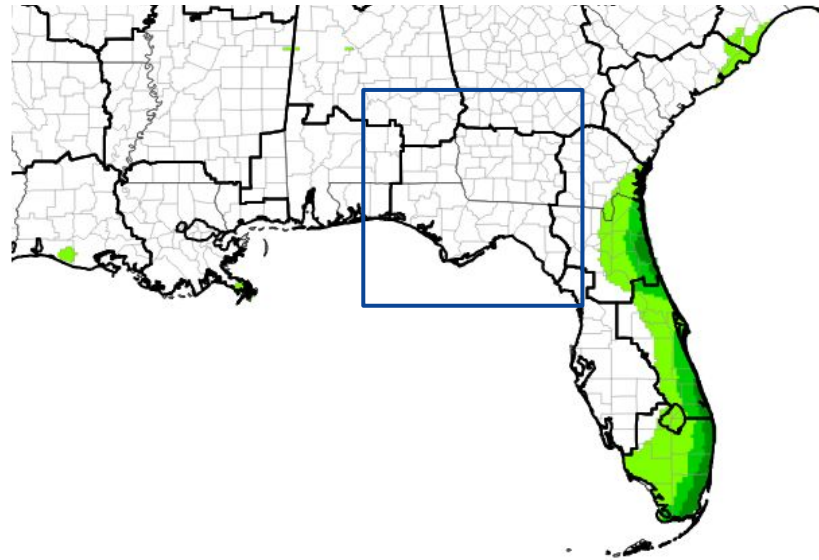






# Seven Day Precipitation Forecast

- Little to no rainfall is forecast during the next 7 days.



Predicted Inches of Precipitation



Image Caption: Weather Prediction Center [7-day precipitation forecast](#) valid Friday, November 3, 2023 through Friday, November 10, 2023

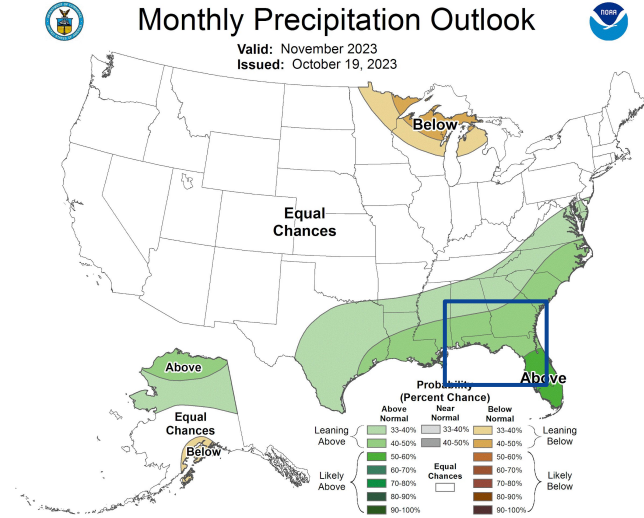
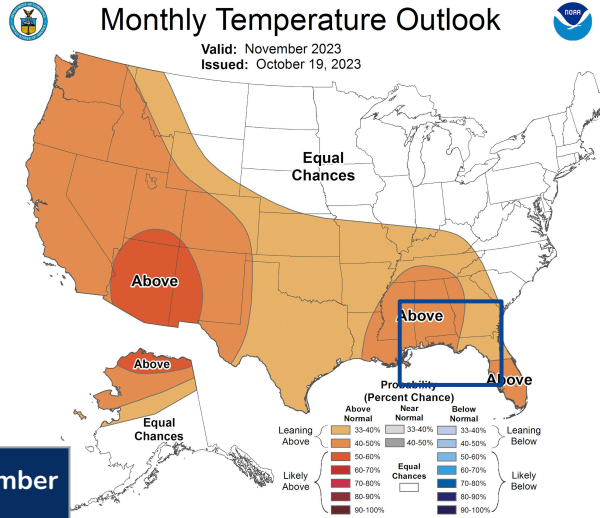




# Long-Range Outlooks

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

- The November outlook favors above normal temperatures and above normal rainfall.
- Climatologically, November is a relatively dry month across our area.



	Average November Temperature	Average November Rainfall
Tallahassee	60.2°	3.10"
Apalachicola	62.1°	3.74"
Cross City	61.8°	2.10"
Albany	58.7°	2.94"
Valdosta	59.0°	2.47"
Marianna	59.6°	3.67"
Dothan	58.9°	3.91"

Image Captions:  
 Left - [Climate Prediction Center Monthly Temperature Outlook](#)  
 Right - [Climate Prediction Center Monthly Precipitation Outlook](#)  
 Valid November 2023

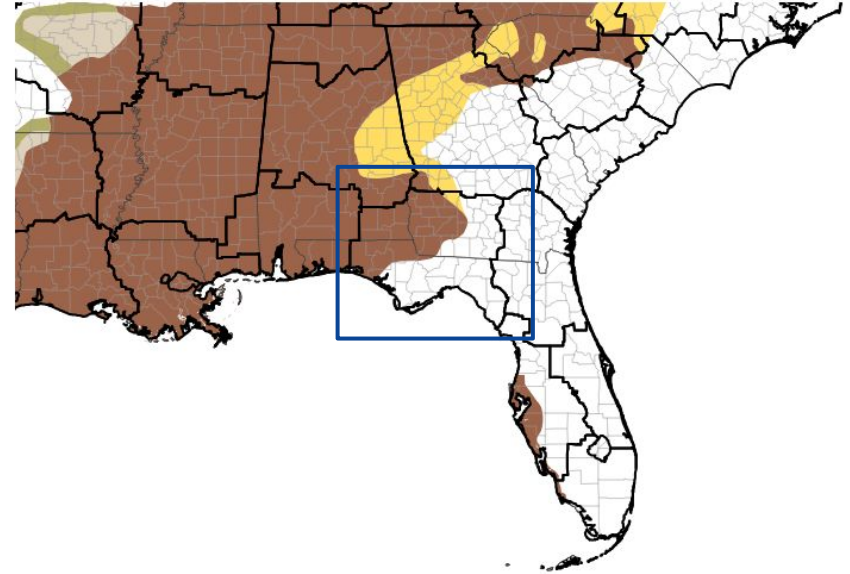




# Drought Outlook

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

- The monthly drought outlook shows that drought will persist across much of our CWA through November.
- The seasonal drought outlook indicates that improvements and possibly complete removal of drought are expected through January.



Drought Is Predicted To...



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, 2023 valid for November 2023

