



Drought Information Statement for Southwest Alabama, Southwest Georgia, and the Florida Panhandle and Big Bend

Valid November 22, 2024

Issued By: National Weather Service Tallahassee

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- This product will be updated December 6, 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/tae/DroughtInformationStatement> for previous statements.
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- Severe drought now across parts of the Tri-State area
 - Recent warm and dry conditions have led to rapid deterioration of drought conditions
 - However, rainfall will help alleviate these drought concerns some



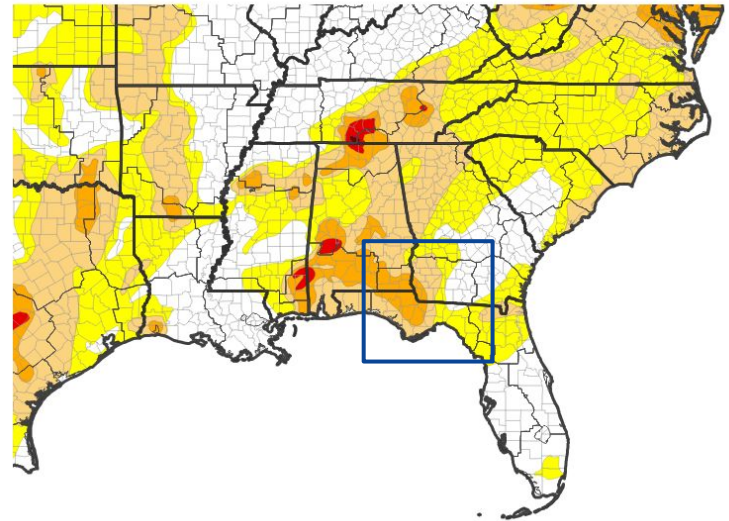


U.S. Drought Monitor

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

- Severe drought has developed across the Tri-State area due to recent warmth and dryness.
- Keep in mind that rainfall that fell after 7 AM ET Tuesday is not accounted for in this week's drought monitor.
- Drought intensity and Extent
 - **D2 (Severe Drought):** across southeast AL, far southwest GA, and the inland FL Panhandle and western Big Bend
 - **D1 (Moderate Drought):** elsewhere in southeast AL, southwest GA, and the FL Panhandle and western Big Bend
 - **D0 (Abnormally Dry):** eastern Big Bend

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 11/19/24

Image Caption: U.S. Drought Monitor valid November 19, 2024.



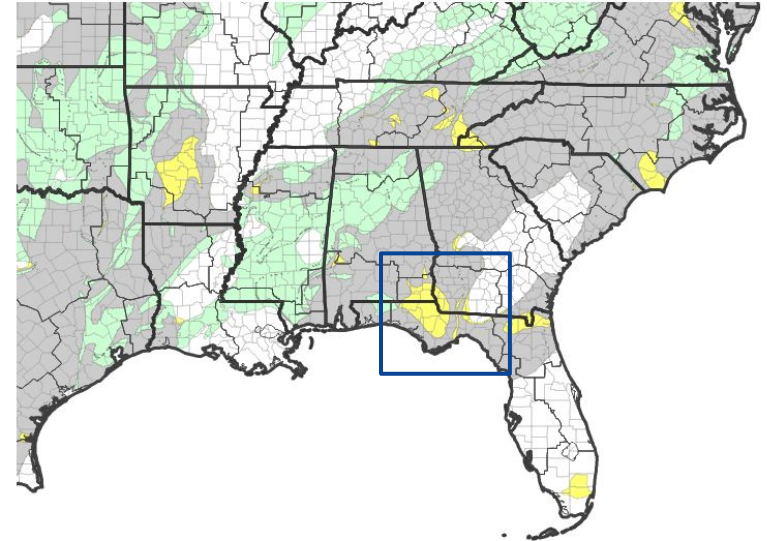


Recent Change in Drought Intensity

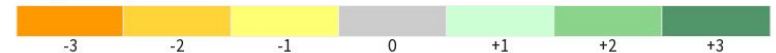
Link to the latest [1-week change map](#) for southeast AL, southwest GA, and the FL Panhandle & Big Bend

- One Week Drought Monitor Class Change:
 - **Drought Worsened:** across the Tri-State area
 - **Drought Improved:** far northwestern Walton County
 - **No Change:** the rest of the area

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: 11/19/24

Image Caption: U.S. Drought Monitor 1-week change map valid November 19, 2024.



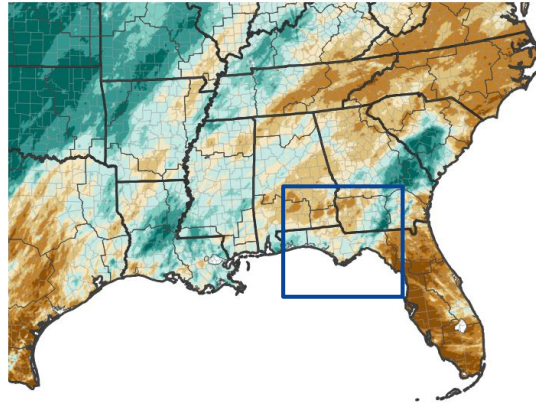


Precipitation

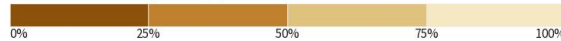
Note: Precipitation after 7 AM EST/6 AM CST Tuesday is incorporated in next week's Drought Monitor

	Last 30 Days		Last 45 Days	
	Rainfall	Percent	Rainfall	Percent
DeFuniak Springs*	4.00"	116.3%	4.00"	81.1%
Geneva	3.33"	76.0%	3.63"	59.4%
Panama City-ECP	3.35"	84.4%	3.35"	59.0%
Dothan	2.87"	81.5%	2.87"	59.5%
Marianna	1.95"	56.4%	1.95"	39.5%
Apalachicola	2.49"	67.8%	2.55"	47.0%
Georgetown**	1.79"	59.6%	1.79"	43.1%
Dawson**	1.60"	54.1%	1.60"	39.2%
Newton, GA**	1.38"	54.1%	1.38"	36.1%
Albany	1.78"	65.3%	1.78"	46.4%
Quincy*	3.30"	90.2%	3.30"	59.4%
Tallahassee	2.73"	87.8%	2.73"	58.4%
Moultrie**	5.09"	199.6%	5.10"	138.0%
Monticello*	4.88"	167.5%	4.94"	109.4%
Alapaha**	3.58"	148.6%	3.58"	102.1%
Perry***	0.92"	38.8%	1.33"	35.4%
Mayo*	0.81"	24.2%	1.39"	28.8%

30-Day Percent of Normal Precipitation

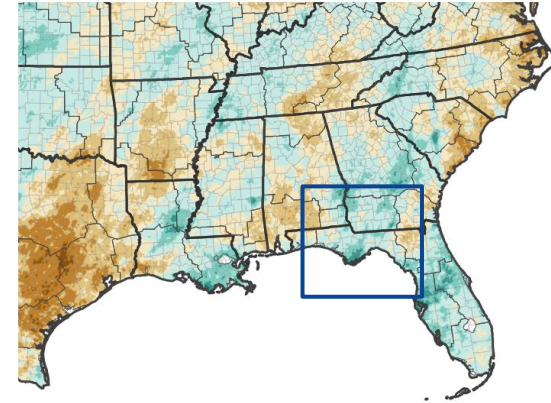


Percent of Normal Precipitation (%)

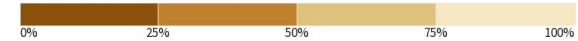


Source(s): National Weather Service Multi-Radar Multi-Sensor System; Last Updated: 11/21/24
image courtesy of Drought.gov

90-Day Percent of Normal Precipitation



Percent of Normal Precipitation (%)



Source(s): National Weather Service Multi-Radar Multi-Sensor System; Last Updated: 11/21/24
image courtesy of Drought.gov

Image Captions:

Left - 30-Day Percent of Normal Precipitation for the Southeast US
Right - 90-Day Percent of Normal Precipitation for the Southeast US

Data Courtesy NWS Multi-Radar Multi-Sensor System.

Data over the past 30 and 90 days ending November 21, 2024

Data Courtesy:

*University of Florida - Florida Automated Weather Network

**University of Georgia Weather Network

***Suwannee River Water Management District



National Oceanic and Atmospheric Administration

U.S. Department of Commerce

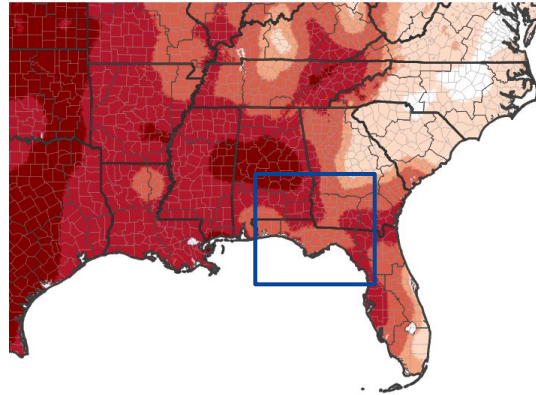
National Weather Service
Tallahassee, FL



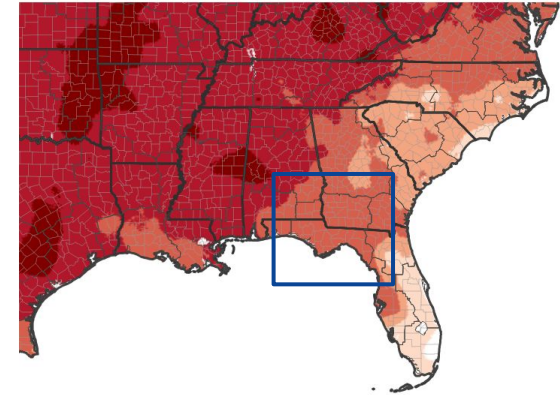
Temperature

- It has been extremely warm the last 30 days, especially at night.

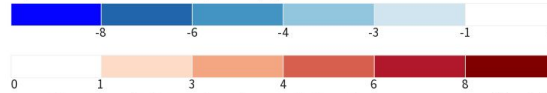
7-Day Temperature Anomaly



30-Day Temperature Anomaly

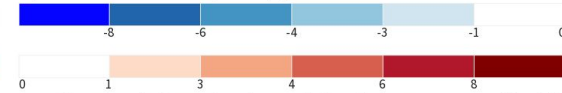


Departure from Normal Max Temperature (°F)



Source(s): NOAA's National Centers for Environmental Information; image courtesy of Drought.gov Data Valid: 11/17/24

Departure from Normal Max Temperature (°F)



Source(s): NOAA's National Centers for Environmental Information; image courtesy of Drought.gov Data Valid: 11/17/24

	Last 30 Days	
	Average High (Departure)	Average Low (Departure)
Tallahassee	83.8° (+8.5°)	62.0° (+11.3°)
Apalachicola	80.9° (+5.8°)	65.1° (+10.7°)
Albany	81.0° (+6.9°)	59.4° (+10.3°)
Valdosta	83.7° (+9.6°)	62.4° (+13.1°)
Marianna	82.4° (+7.8°)	60.5° (+10.5°)
Dothan	80.5° (+6.4°)	60.0° (+10.8°)

Image Captions:
 Left - 7-Day Departure from Normal High Temperatures for the Southeast US
 Right - 30-Day Departure from Normal High Temperature for the Southeast US
 Data ending November 21, 2024





Summary of Impacts

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

Hydrologic Impacts

- Rivers are typically low this time of year, but some parts of the Pea, Choctawhatchee, Chattahoochee, and Apalachicola systems are running below normal. Recent rains have helped.

Agricultural Impacts

- Alabama: none reported last 7 days
- Florida: none reported last 7 days
- Georgia: none reported last 7 days

Fire Hazard Impacts

- Keetch-Byram Drought Index values over 400 for southeast AL, southwest GA, and far western FL Panhandle.

Other Impacts

- The Alabama Department of Economic and Community Affairs Office of Water Resources (ADECA OWR) has declared a Drought Watch for Drought Region 8, which includes Coffee, Dale, Geneva, Henry, and Houston Counties. ADECA's latest Drought Declaration can be found [here](#).

Mitigation Actions

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





Hydrologic Conditions and Impacts

- Streamflows from the ACF Basin westward are generally running near or below normal over the last 28 days.
- Climatologically speaking, this is the time of year when rivers are generally at their lowest.

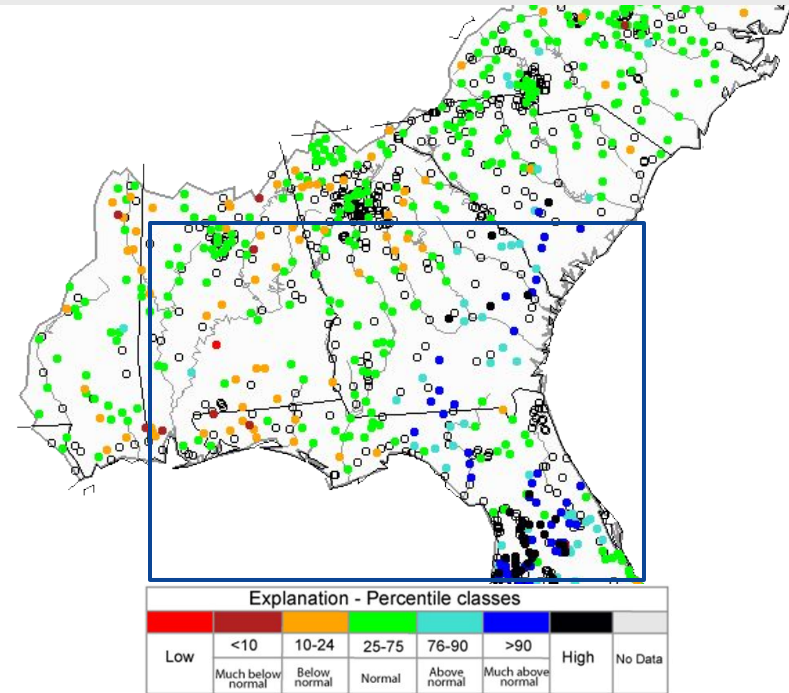


Image Caption: USGS 28 day average streamflow map valid November 15, 2024





Agricultural Impacts

- Soils remain quite dry along and west of the Flint River
- Soils have been drying across the majority of our area, though the rain earlier this week has helped moisten soils.

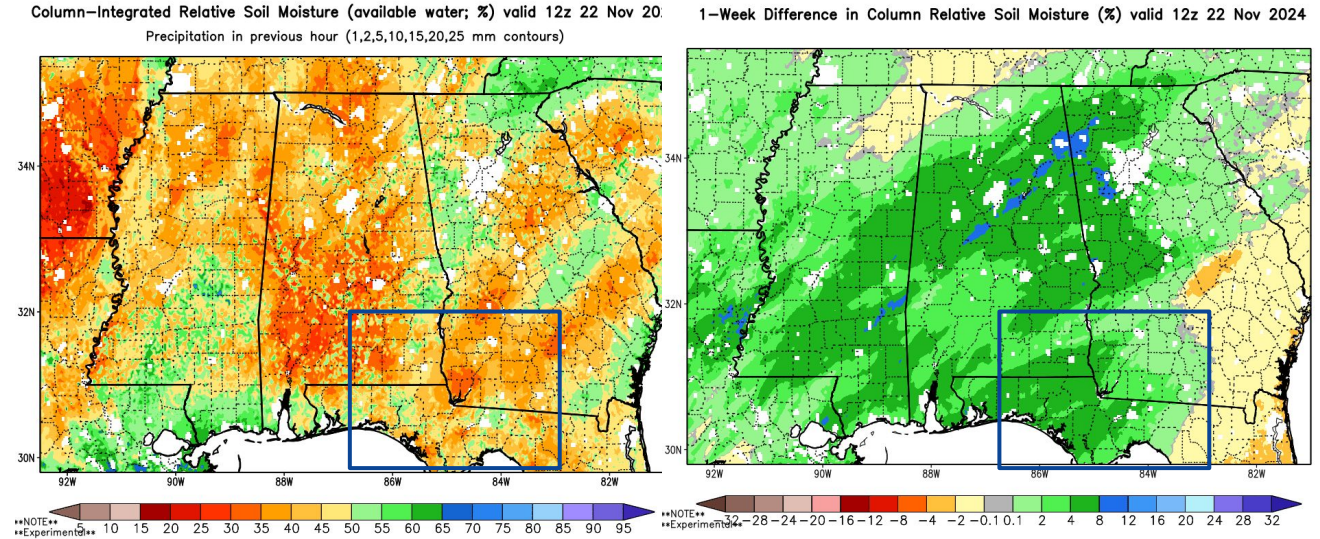


Image Captions:
 Left: 0-200 cm Relative Soil Moisture from NASA SPOrT valid November 22, 2024
 Right: 0-200 cm Relative Soil Moisture 2-week Change from NASA SPOrT valid through November 22, 2024

2024 Crop Reports
[Alabama](#) | [Florida](#) | [Georgia](#)



Fire Hazard Impacts

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

- Keetch-Byram Drought Index values remain at or above 400 in the Tri-State area, which has been helped by recent rainfall
- The outlook for December into much of the winter calls for above normal wildfire potential across southeast Alabama, southwest Georgia, and north Florida.

7-Day Significant Fire Potential Outlook from the Southern Area Coordination Center

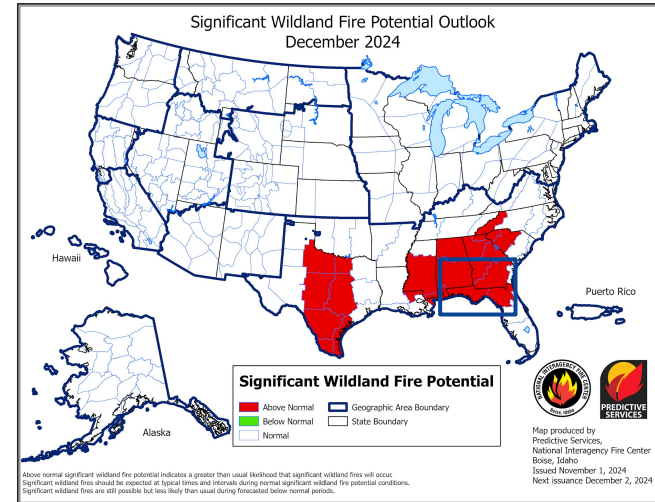
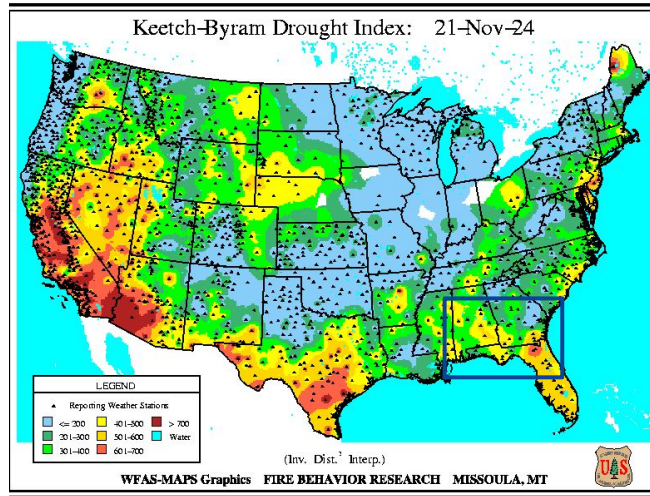


Image Captions:

Left - Keetch-Byram Drought Index valid November 21, 2024 (Wildland Fire Assessment System)
Right - Significant Wildland Fire Potential for December 2024 (National Interagency Coordination Center)





Seven Day Precipitation Forecast

- Little to no additional rainfall is forecast through Thanksgiving Day.
- Another cold front may move through the area late next week, bringing another chance for rain.

7-Day Quantitative Precipitation Forecast for November 21, 2024–November 28, 2024

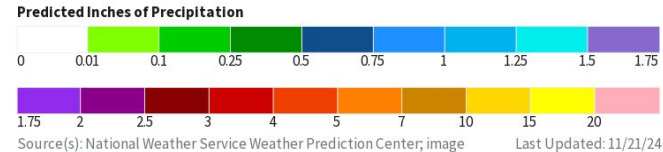
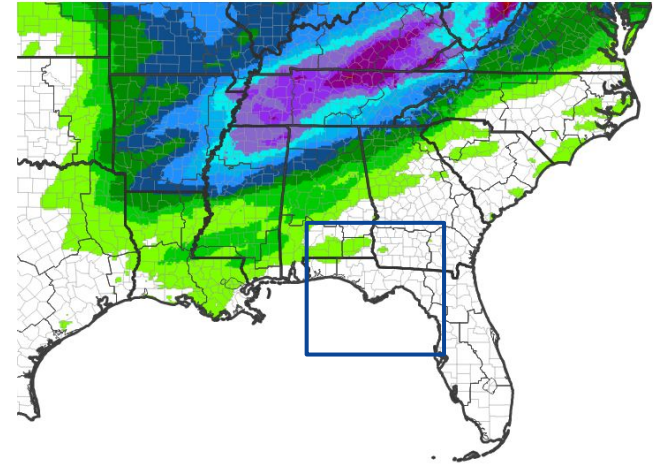


Image Caption: Weather Prediction Center [7-day precipitation forecast](#) valid Thursday, November 21 through Thursday, November 28



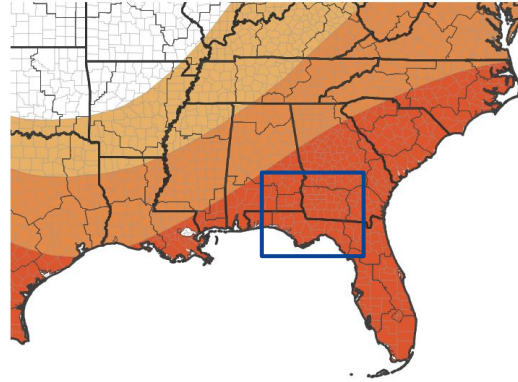
Long-Range Outlooks

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

- The next 3 months favor above normal temperatures and below average precipitation

Average	December		January		February	
	Temp	Rain	Temp	Rain	Temp	Rain
Tallahassee	54.4°	4.24"	52.2°	4.41"	55.6°	4.28"
Apalachicola	56.5°	3.59"	54.0°	4.06"	56.8°	4.17"
Albany	52.7°	4.35"	50.5°	4.19"	54.0°	4.01"
Valdosta	53.2°	3.12"	50.7°	3.83"	54.6°	3.73"
Marianna	53.9°	4.81"	51.8°	4.04"	54.6°	4.72"
Dothan	53.1°	4.76"	50.8°	4.76"	55.4°	4.49"

Seasonal (3-Month) Temperature Outlook for December 1, 2024–February 28, 2025



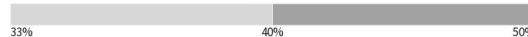
Probability of Below-Normal Temperatures



Probability of Above-Normal Temperatures



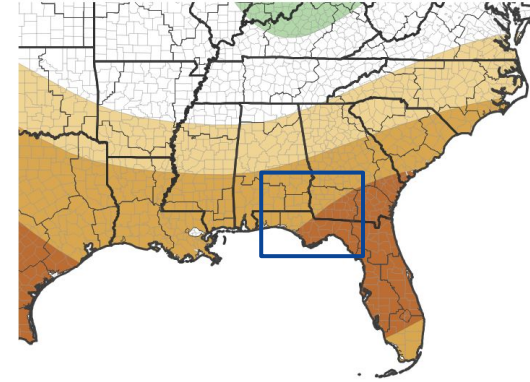
Probability of Near-Normal Temperatures



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

Last Updated: 11/21/24

Seasonal (3-Month) Precipitation Outlook for December 1, 2024–February 28, 2025



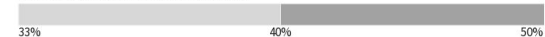
Probability of Below-Normal Precipitation



Probability of Above-Normal Precipitation



Probability of Near-Normal Precipitation



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

Last Updated: 11/21/24

Image Captions:
Left - [Climate Prediction Center Seasonal Temperature Outlook](#)
Right - [Climate Prediction Center Seasonal Precipitation Outlook](#)

Valid December 2024 to February 2025



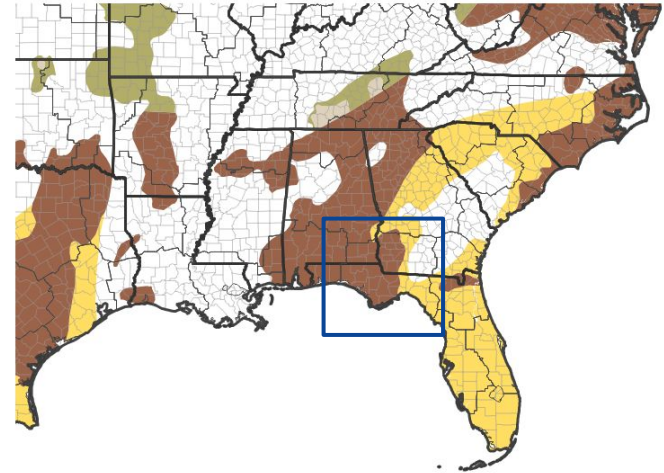


Drought Outlook

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

- Drought is likely to persist across the western half of the area and develop over the southeastern Big Bend through the winter.

Seasonal (3-Month) Drought Outlook for November 21, 2024–February 28, 2025



Drought Is Predicted To...



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

Last Updated: 11/21/24

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
Tallahassee, FL

Image Caption:
Climate Prediction Center Seasonal Drought Outlook Released November 21 valid for November 21, 2024 through February 28, 2025