



Drought Information Statement for Southeast TX and Southwest LA

Valid November 7, 2024

Issued By: WFO Lake Charles, LA

Contact Information:

- This product will be updated November 14, 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/LCH/DroughtInformationStatement> for previous statements.
- Please visit <https://www.drought.gov/drought-status-updates/> for regional drought status updates.

Severe drought has evolved across portions of SW Louisiana and SE Texas



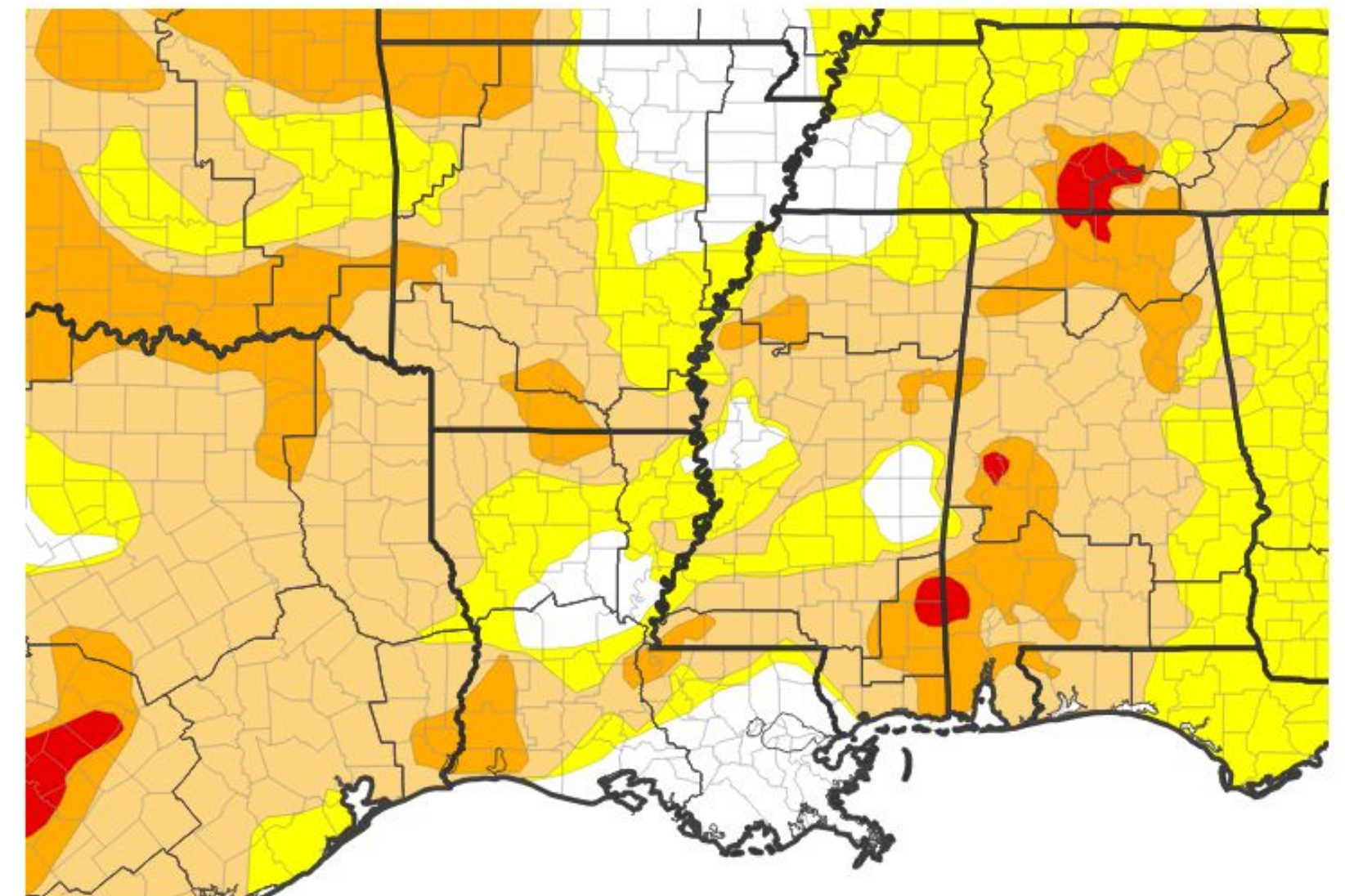
U.S. Drought Monitor

Link to the latest [U.S. Drought Monitor](#)

● Drought Intensity and Extent

- **D4 (Exceptional Drought):** None
- **D3 (Extreme Drought):** None
- **D2 (Severe Drought):** Eastern Hardin, northeast Jefferson, Orange, far southern Jasper, and far southern Newton counties in Texas. Calcasieu, northern Cameron, and most of Beauregard parishes in Louisiana.
- **D1 (Moderate Drought):** Tyler, Jasper, Newton, Hardin, and southwest Jefferson counties in Texas. Far southern Vernon, Allen, Jefferson Davis, southern and northeast Cameron, Acadia, St. Landry northern St. Martin, and far southern Evangeline parishes in Louisiana.
- **D0: (Abnormally Dry):** Far northern Jasper and far northern Newton in Texas. Central and northwest Vernon, far southern Rapides, far northeast Allen, central and northern Evangeline, southern Avoyelles, northern Vermilion, Lafayette, southeast Acadia, and central St. Martin parishes in Louisiana.

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 11/05/24



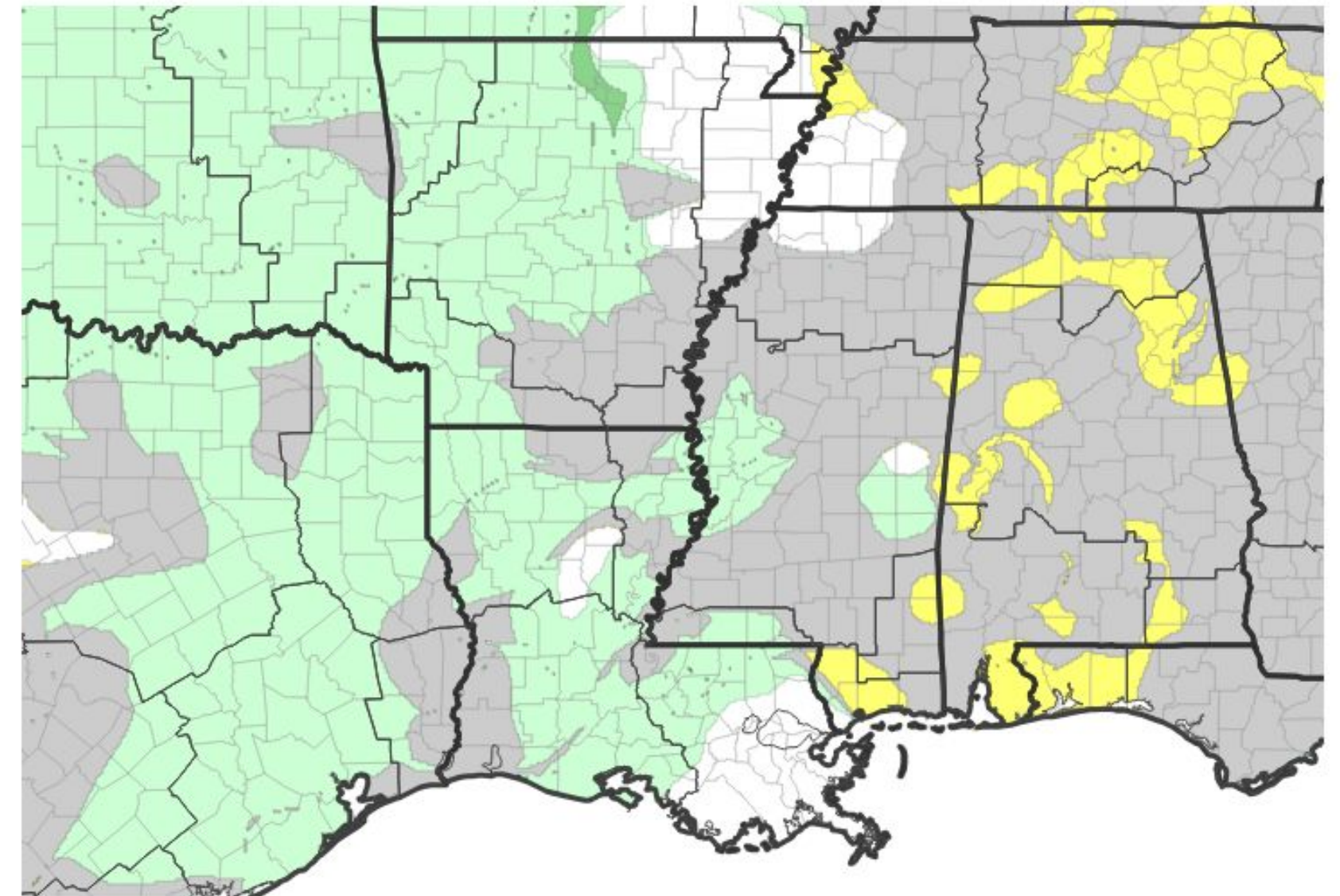


Recent Change in Drought Intensity

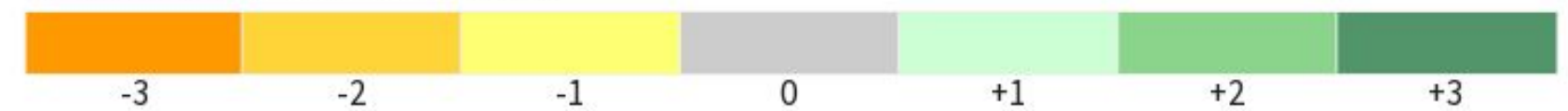
Link to the latest [1-week change map](#)

- One Week Drought Monitor Class Change.
 - The drought improved over the eastern half of the forecast area. There was also some improvement over portions of southeast Texas.
 - No areas experienced a drought degradation this week.
 - Most areas near the Sabine River in western Louisiana and southeast Texas received no change in drought classification this 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: 11/05/24





30 Day Precipitation

30 Day Precipitation Accumulation and Percent of Normal.

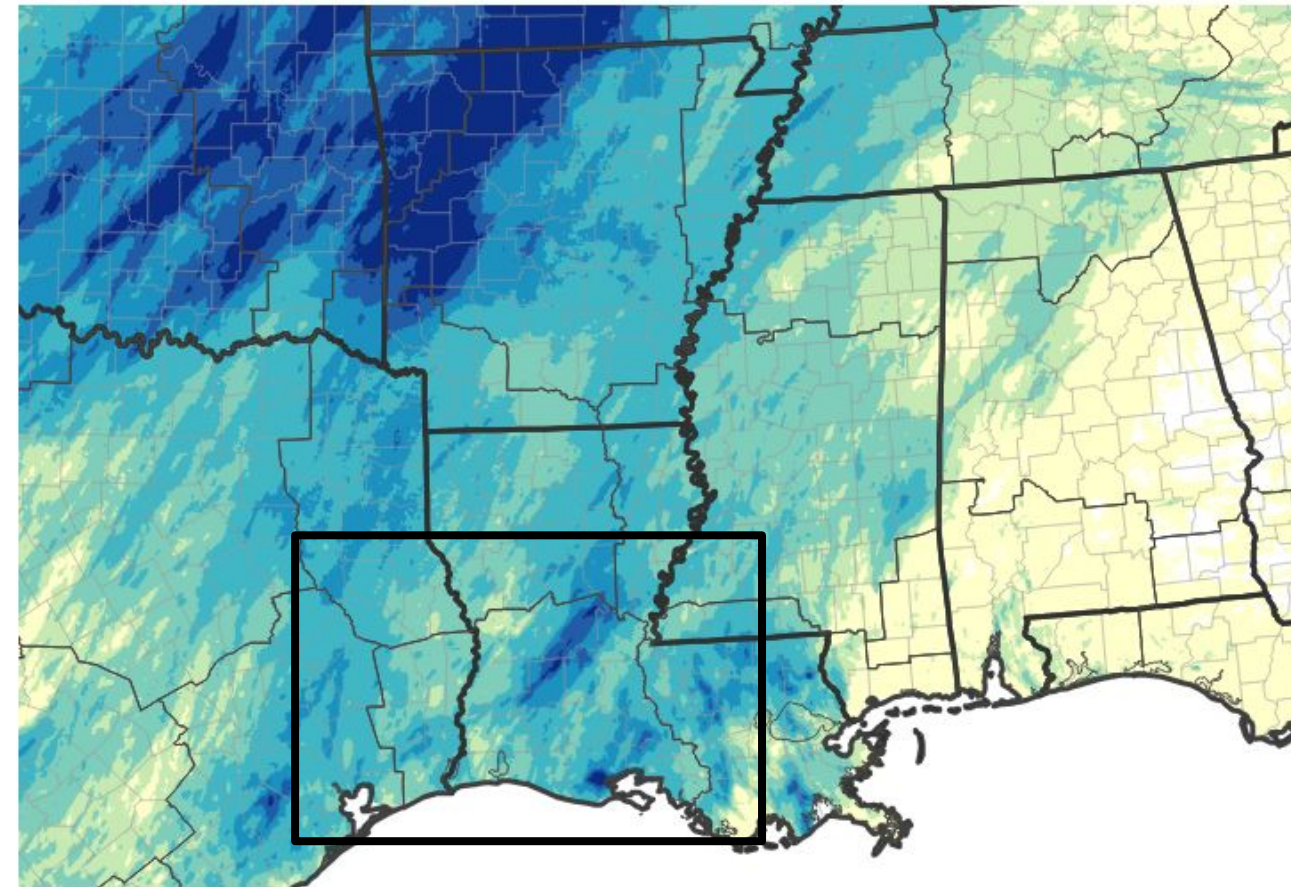
30 Day Rainfall Analysis

Roughly a trace to 6 inches of rain fell across the region over the past 30 days.

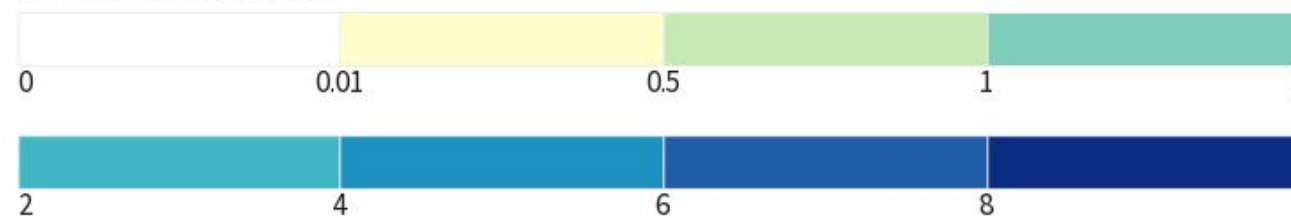
These amounts are roughly 0 to 75 percent of normal. Therefore, below normal rainfall fell across the region over the past 30 days.

There are a few scattered areas that received near normal rainfall in south central and central Louisiana.

30-Day Precipitation Accumulations (Inches)



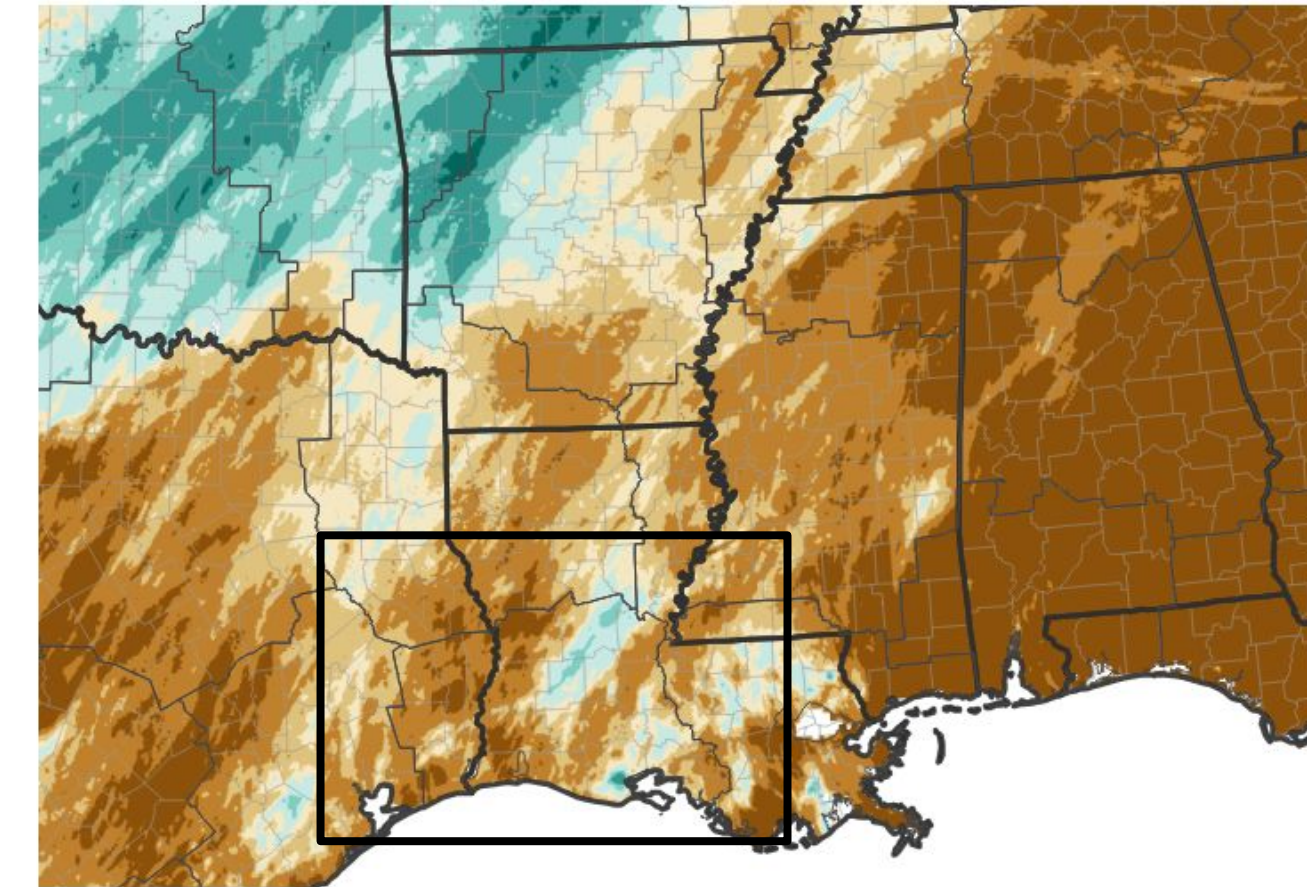
Inches of Precipitation



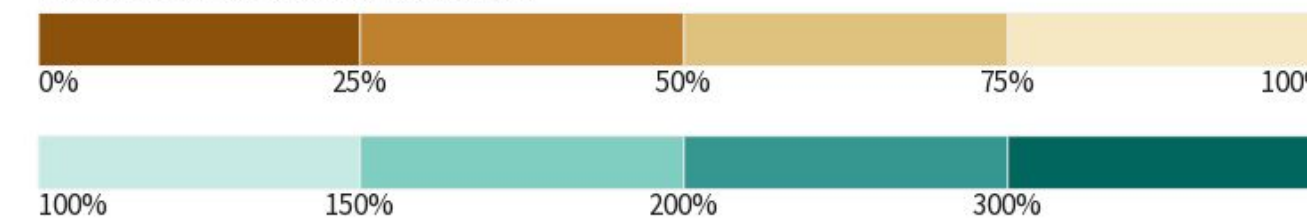
Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov

Last Updated: 11/07/24

30-Day Percent of Normal Precipitation



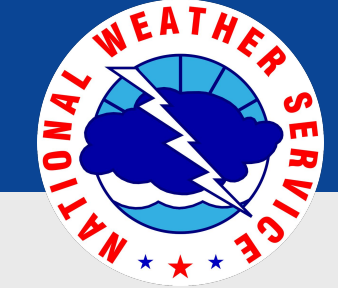
Percent of Normal Precipitation (%)



Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov

Last Updated: 11/07/24



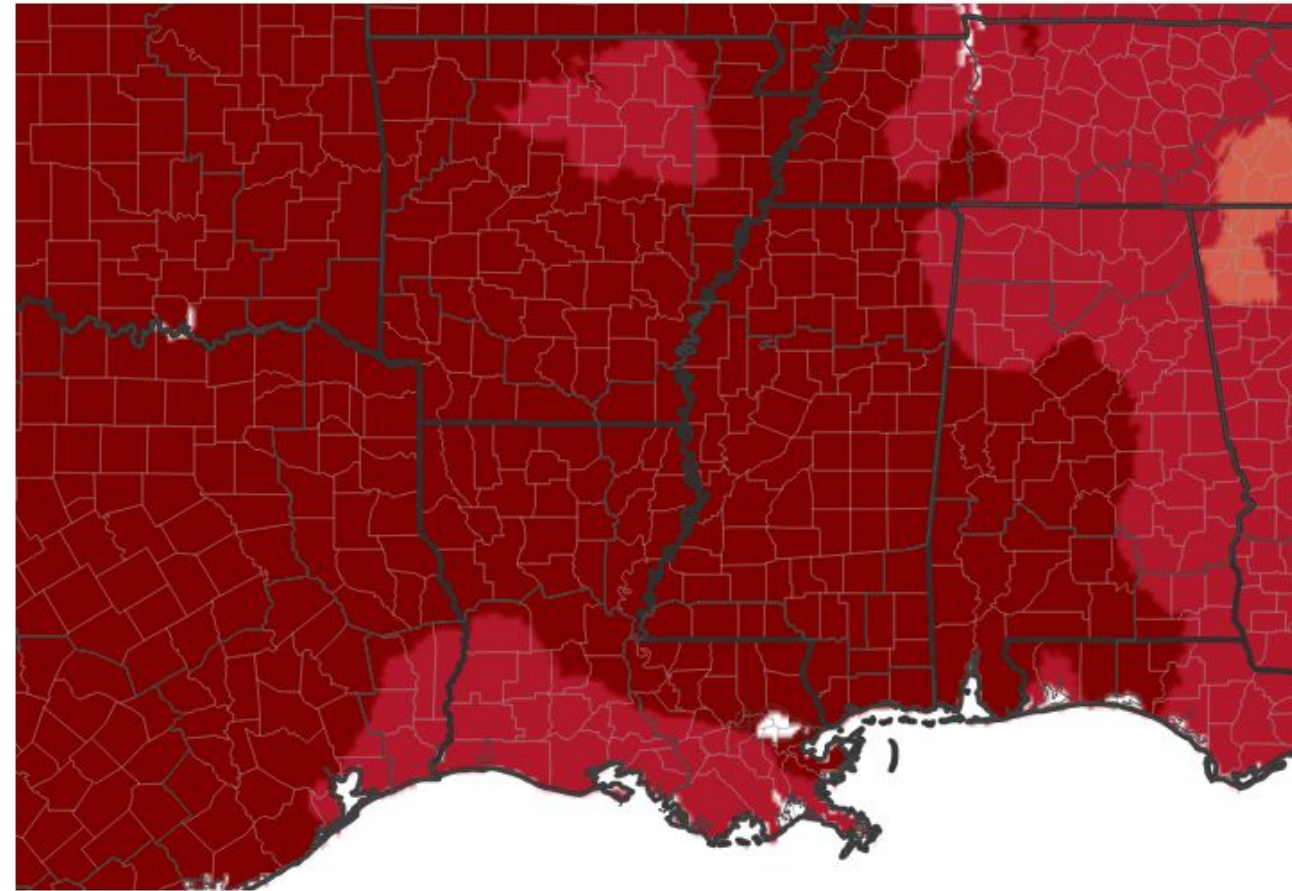


Temperature

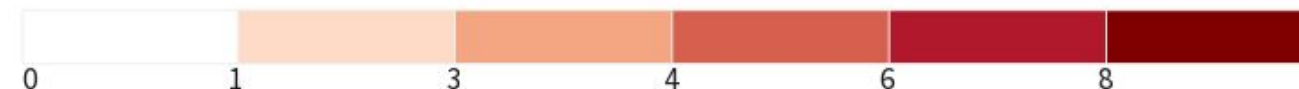
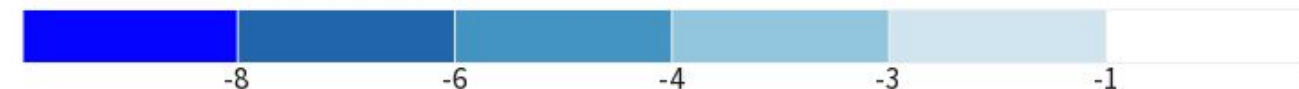
Link to [Southern Regional Climate Center](#)

- Well above normal temperatures have occurred over the past week and past month across southeast Texas and much of Louisiana.

7-Day Temperature Anomaly



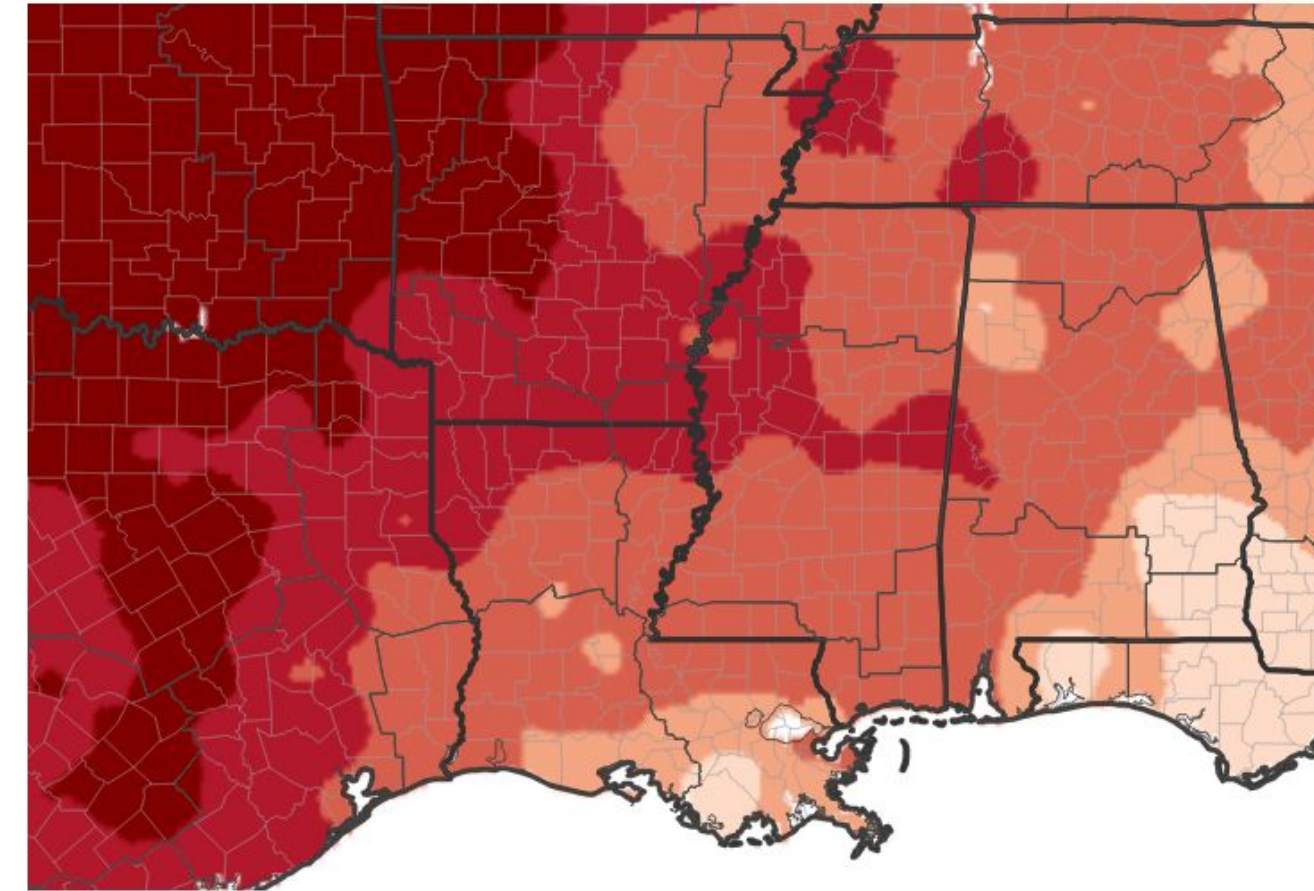
Departure from Normal Max Temperature (°F)



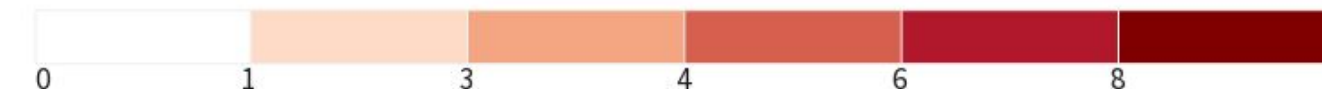
Source(s): NOAA's National Centers for Environmental Information; image courtesy of Drought.gov

Data Valid: 11/03/24

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: 11/03/24





Summary of Impacts

View or Submit Impacts at [Conditions Monitoring Observer Reports](#) or the [Drought Impacts Reporter](#)

Hydrologic Impacts

- None.

Agricultural Impacts

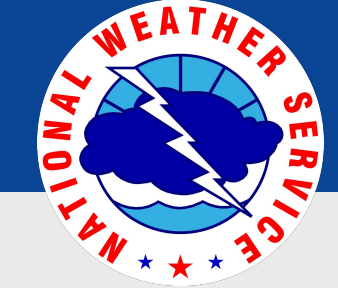
- Unknown.

Fire Hazard Impacts

- Some wildland fires have occurred over the past month, however, recent rainfall this week combined with higher humidity levels have helped decrease the frequency of wildland fires.

Mitigation Actions

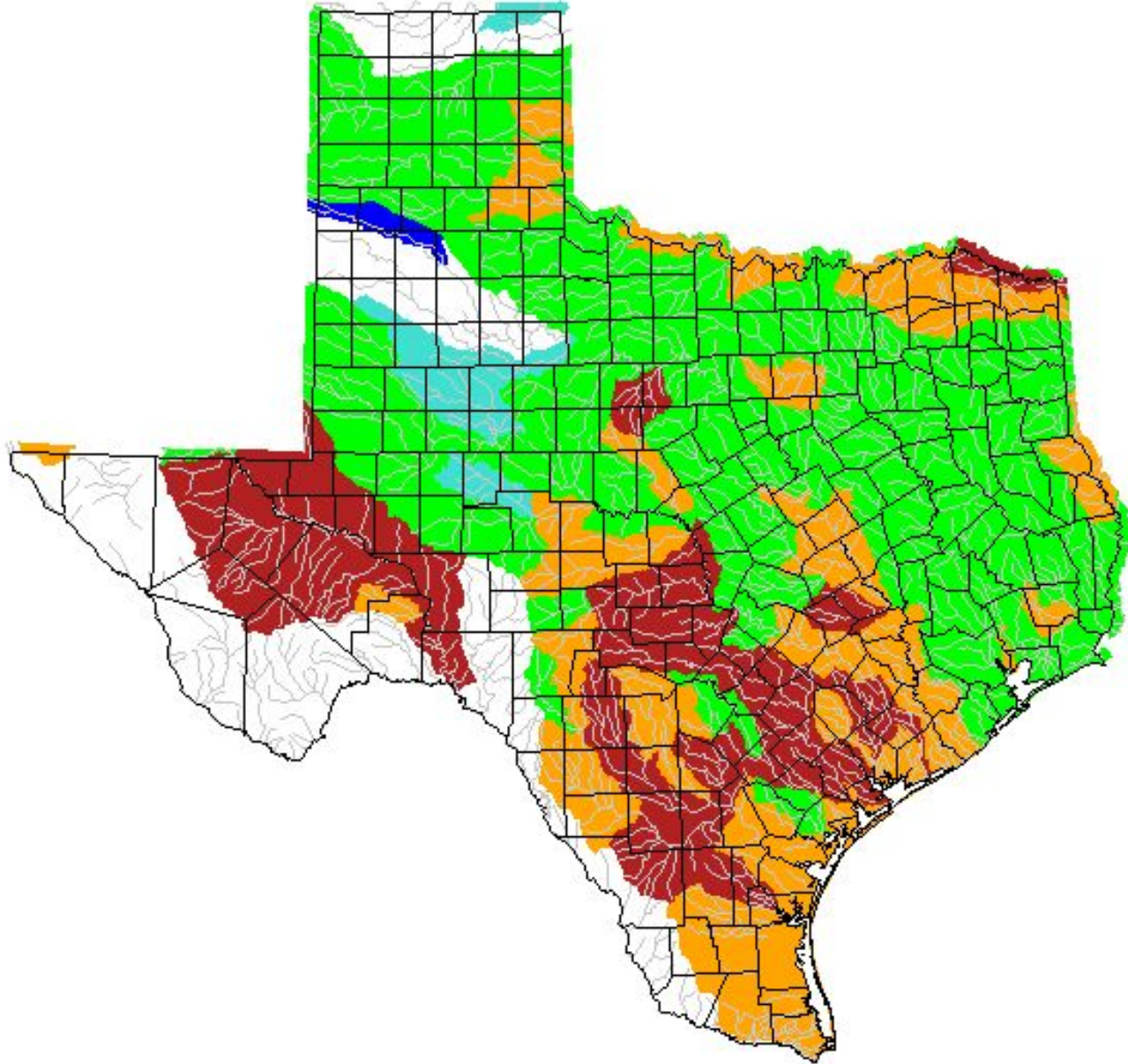
- Some burn bans have been posted, however, recent rainfall has prompted some burn bans to be lifted.



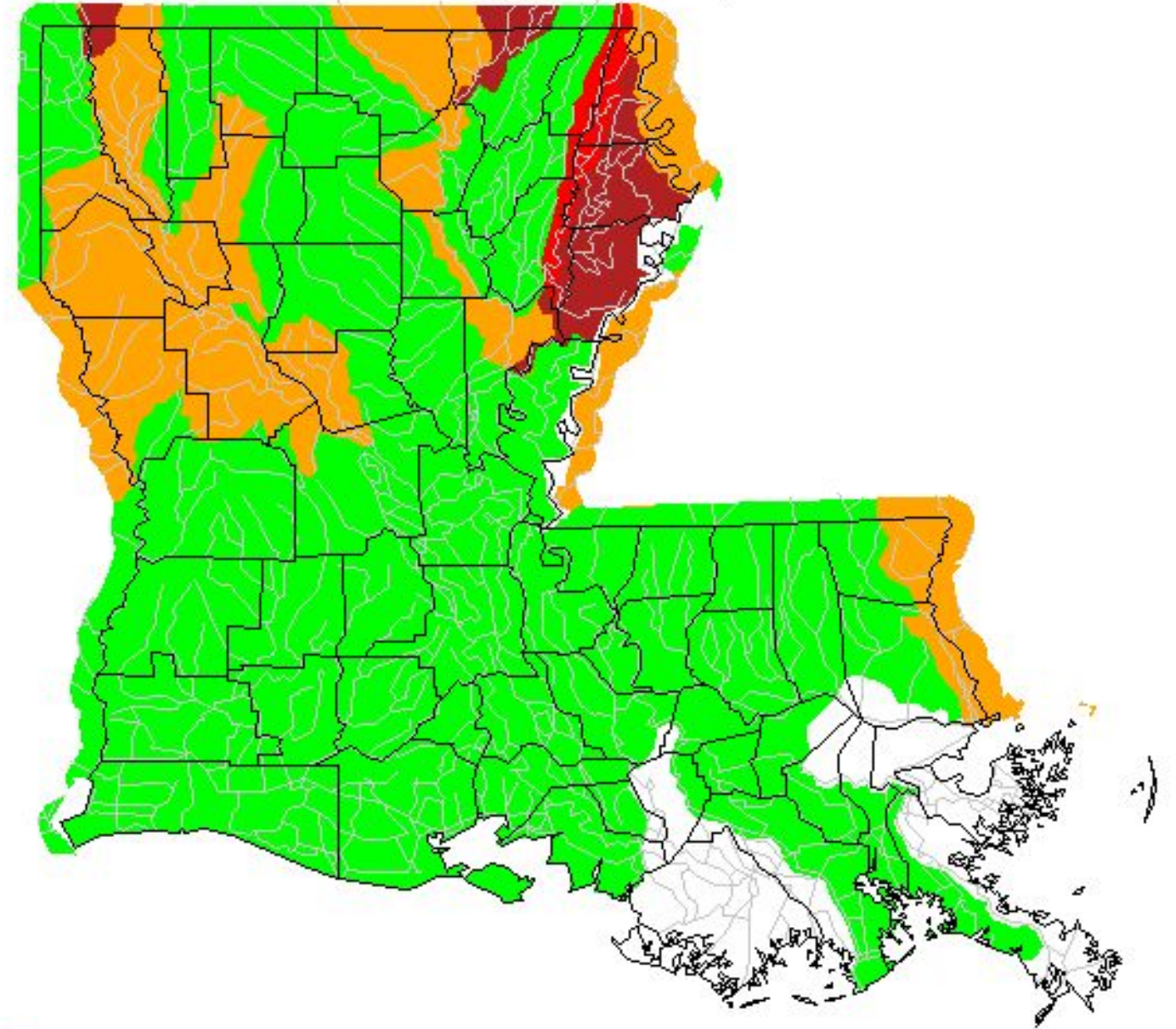
Hydrologic Conditions and Impacts

Streamflows are mostly running near to above normal in SW Louisiana and SE Texas.

Wednesday, November 06, 2024

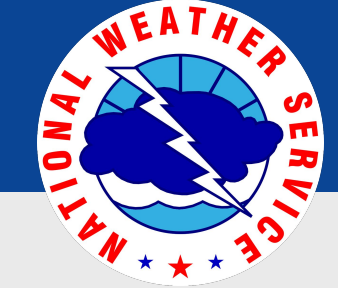


Wednesday, November 06, 2024



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		



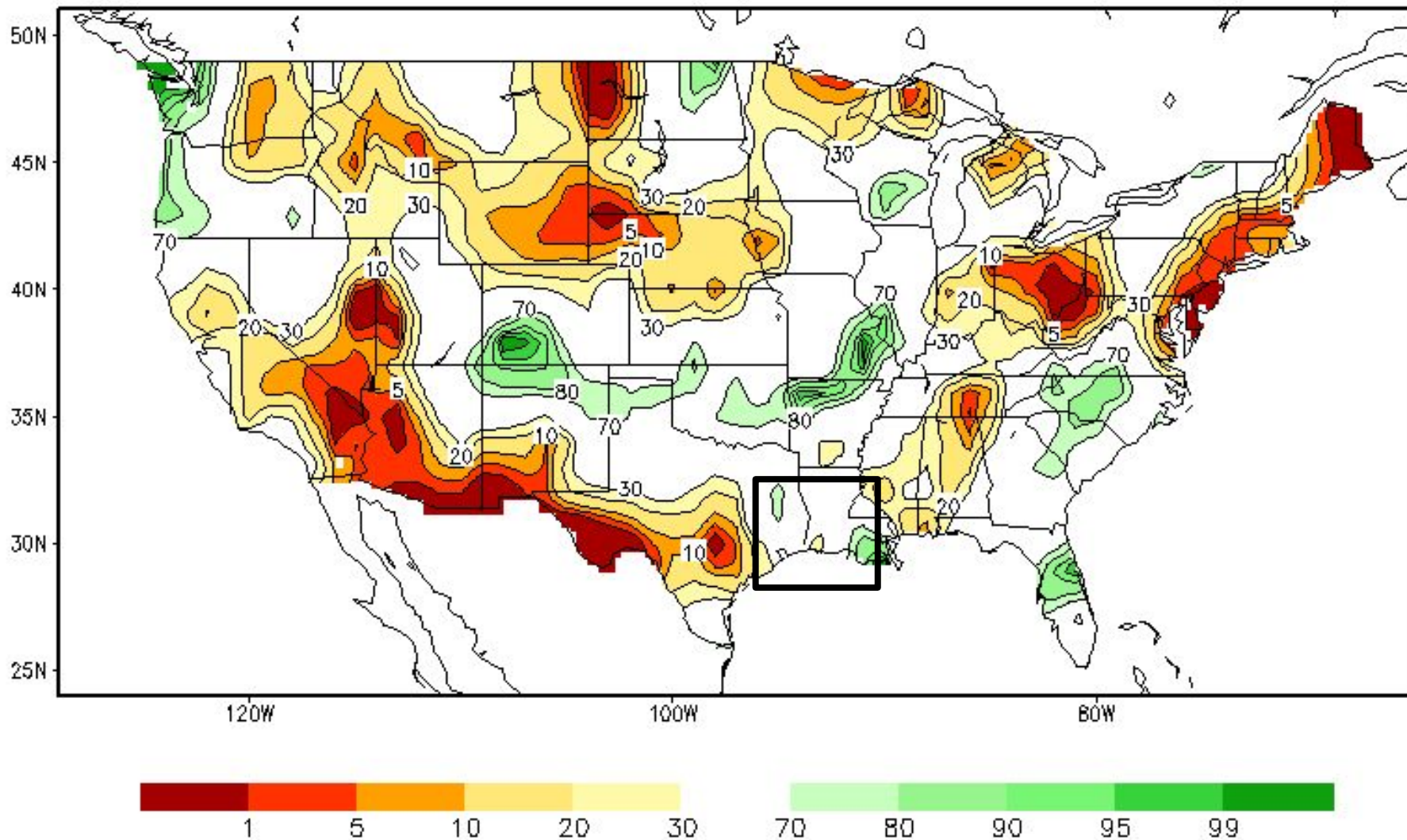


Agricultural Impacts

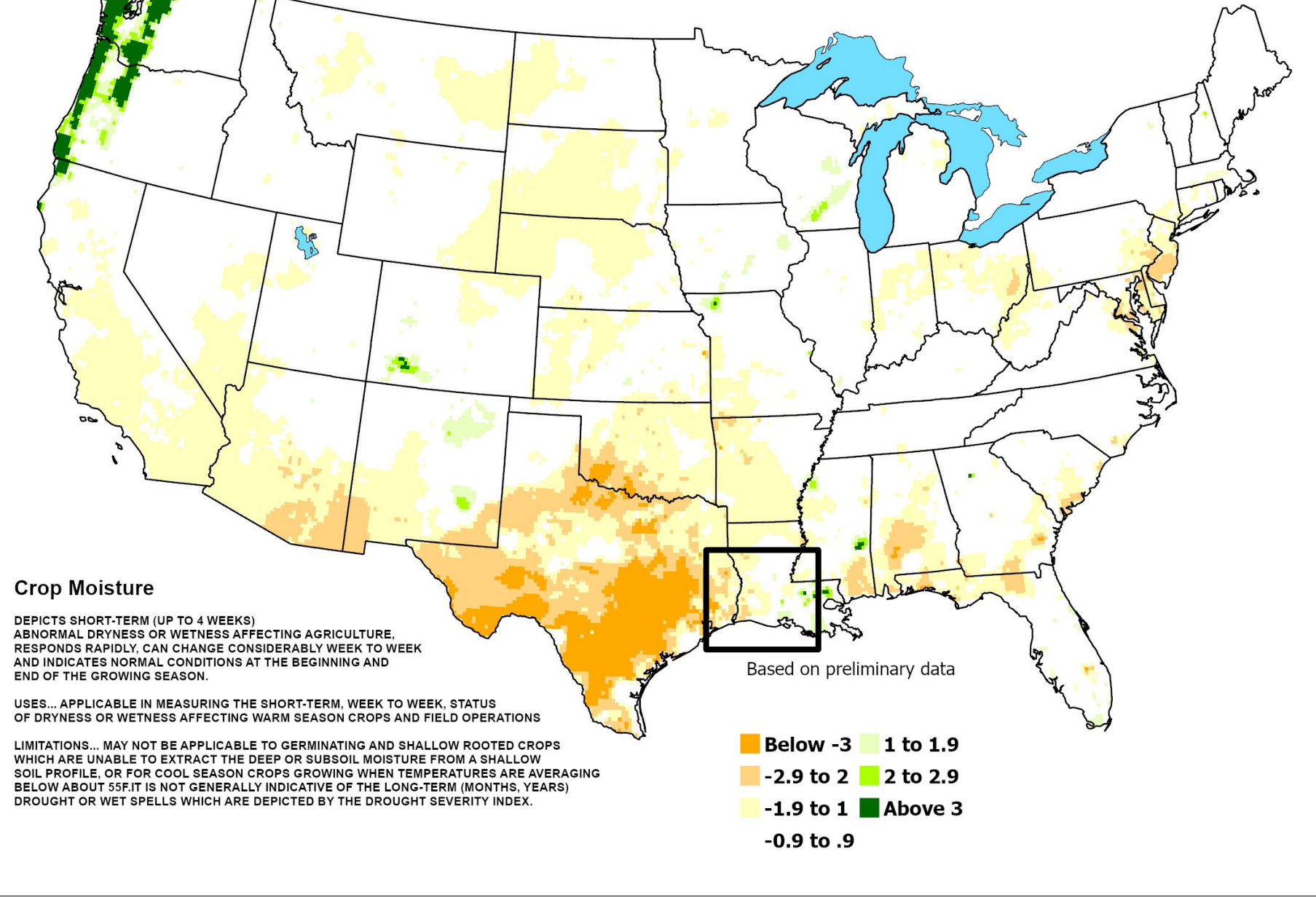
Soil Moisture and Drought Severity Index by Ag Division

- Summarize conditions/impacts here

Calculated Soil Moisture Ranking Percentile
NOV 06, 2024



Crop Moisture Index
Value for the October 27 - November 2, 2024
Short Term Need vs. Available Water in a Shallow Soil Profile

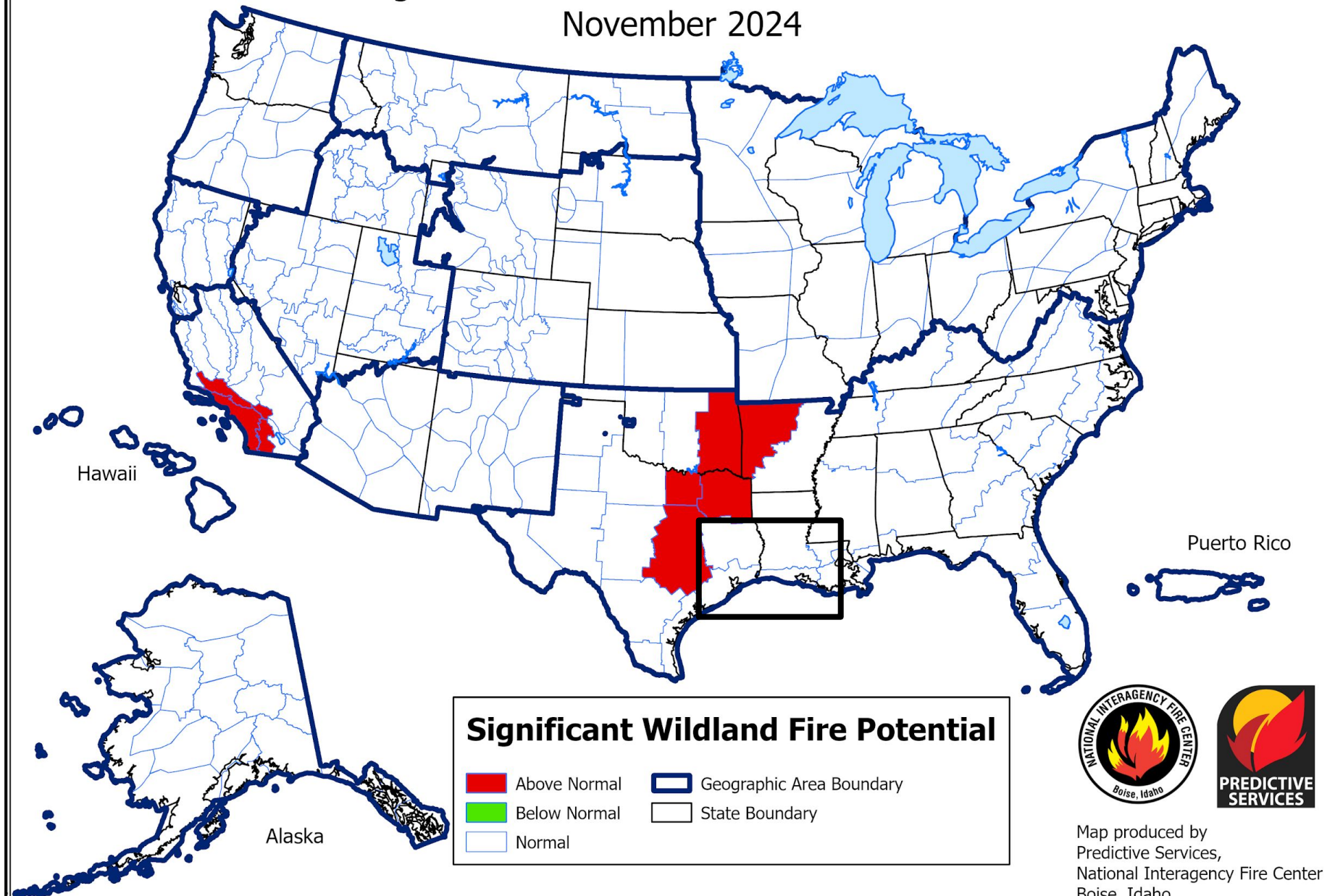




Fire Hazard Impacts

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

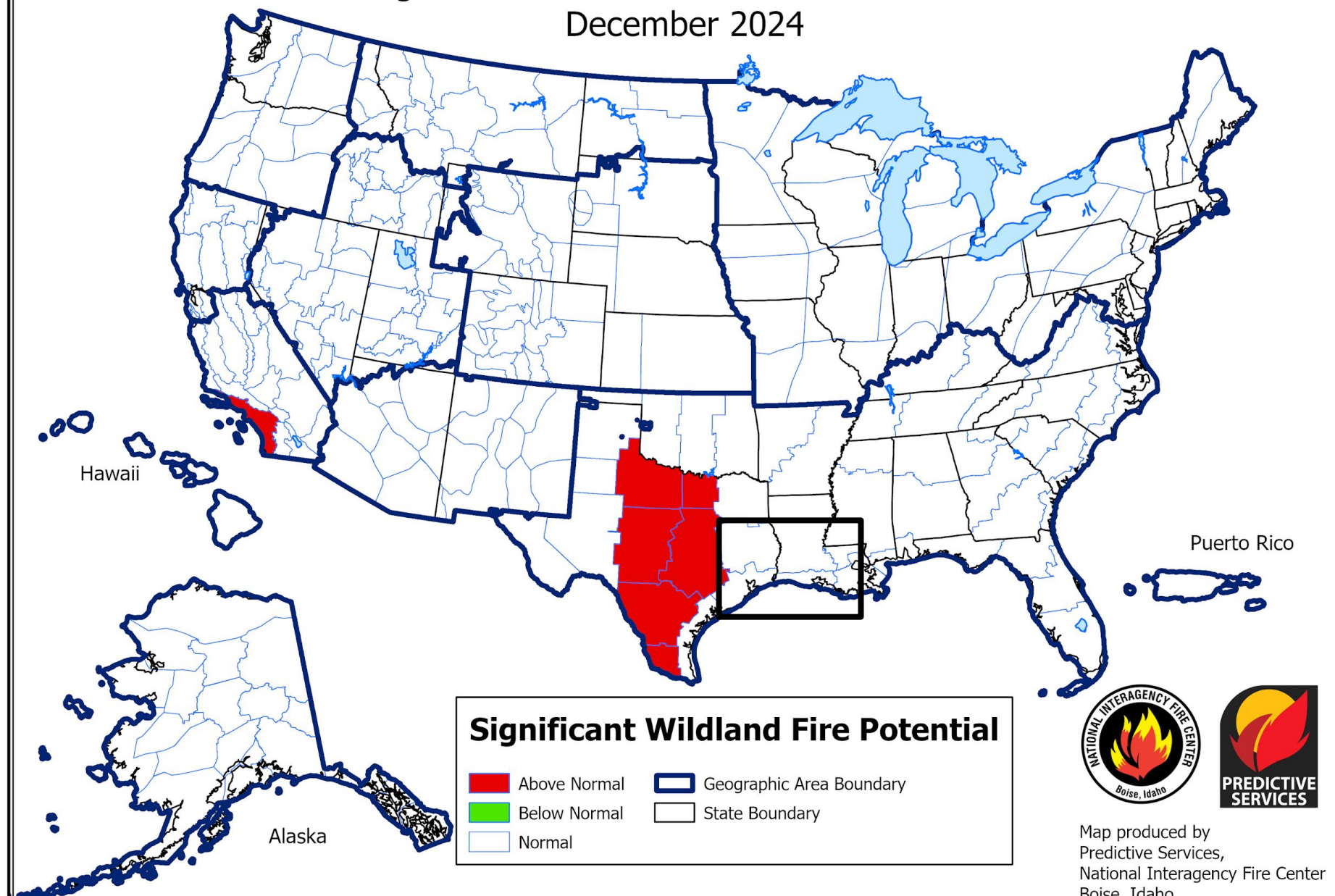
Significant Wildland Fire Potential Outlook November 2024



Map produced by Predictive Services, National Interagency Fire Center Boise, Idaho
Issued October 1, 2024
Next issuance November 1, 2024

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.

Significant Wildland Fire Potential Outlook December 2024



Map produced by Predictive Services, National Interagency Fire Center Boise, Idaho
Issued October 1, 2024
Next issuance November 1, 2024

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.

The risk for wildland fires is expected to be normal we continue into November and December.

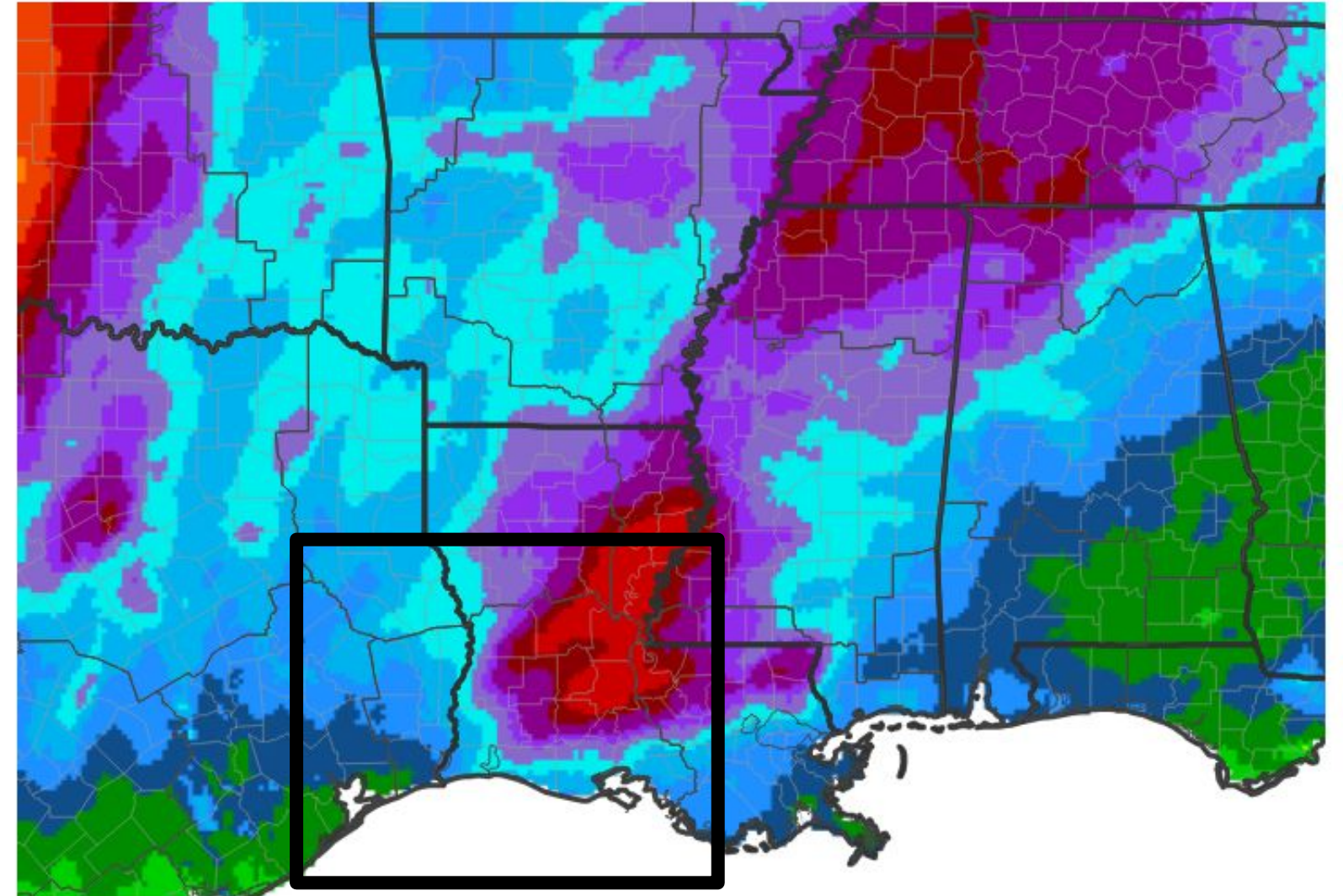


Seven Day Precipitation Forecast

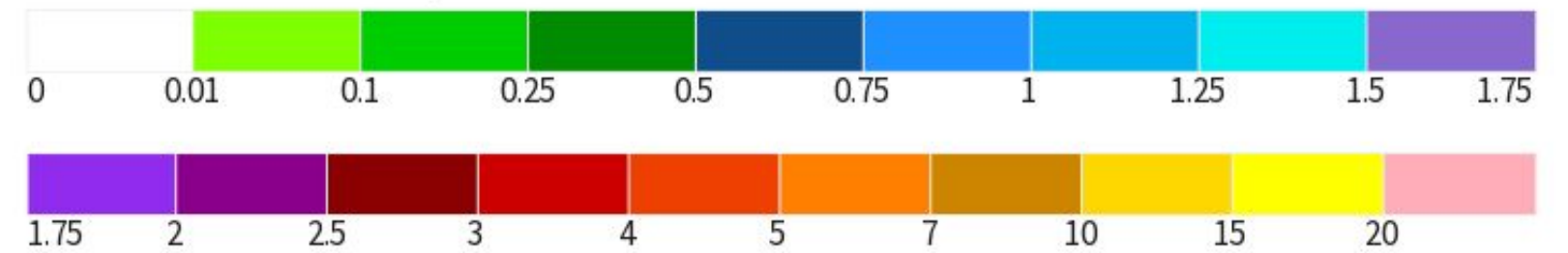
0.10-0.50 inches of rain is forecast through the next 7 days.

- Chances favor unsettled weather to continue across southeast Texas and much of Louisiana.
- Showers and thunderstorms will occur over the upcoming weekend and bring 0.25 to 4 inches of widespread rainfall.
- There is a low risk for isolated flash flooding this weekend if thunderstorms repeat or train over the same areas for an extended period of time.

7-Day Quantitative Precipitation Forecast for November 7, 2024–November 14, 2024



Predicted Inches of Precipitation



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

Last Updated: 11/07/24



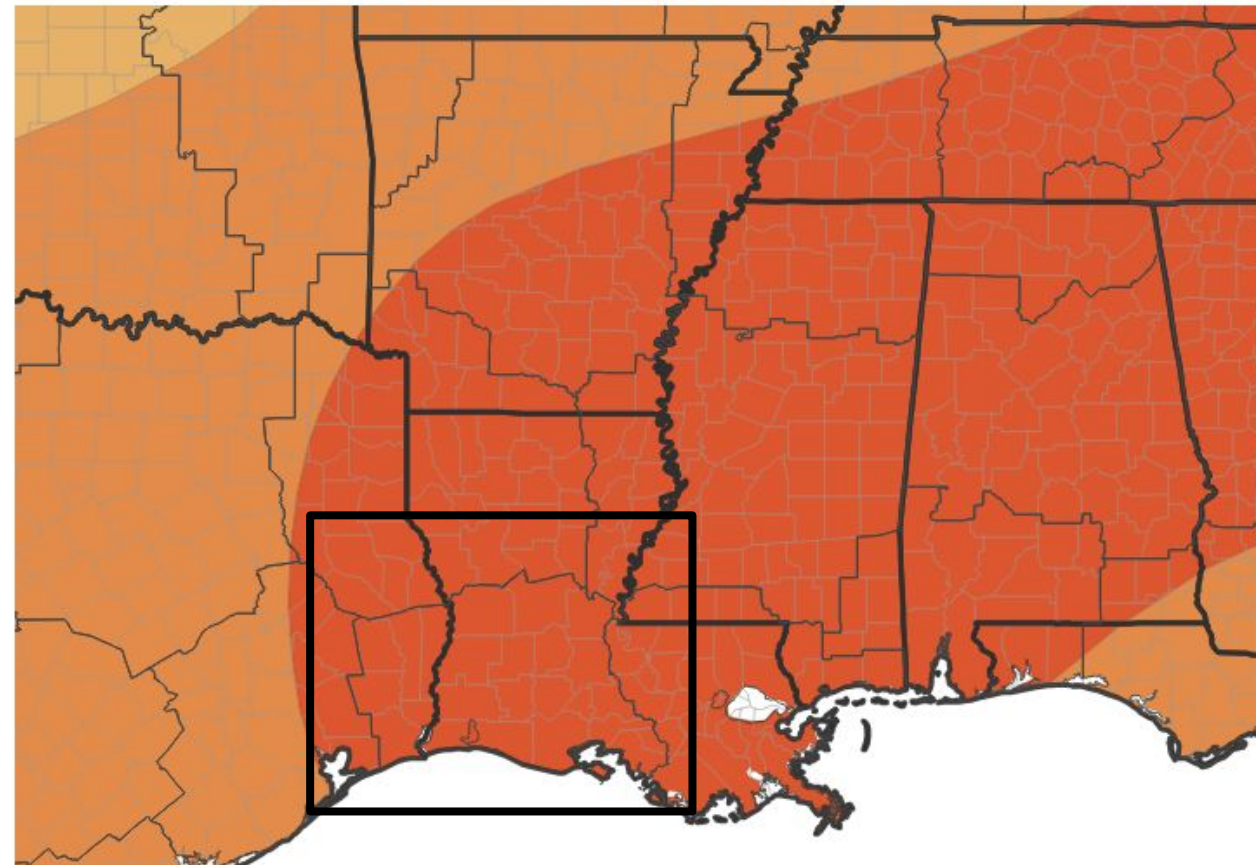


Long-Range Outlooks

Chances favor near normal temperatures and above normal precipitation.

- Chances heavily favor above normal temperatures through the rest of the November.
- Chances favor near normal to slightly below normal precipitation through the rest of November.

Monthly Temperature Outlook for November 1, 2024–November 30, 2024



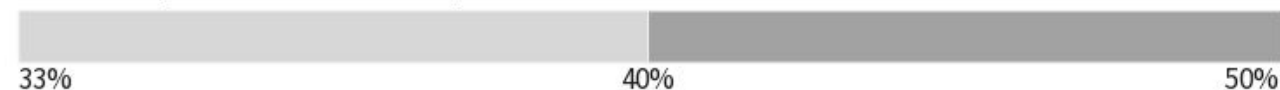
Probability of Below-Normal Temperatures



Probability of Above-Normal Temperatures



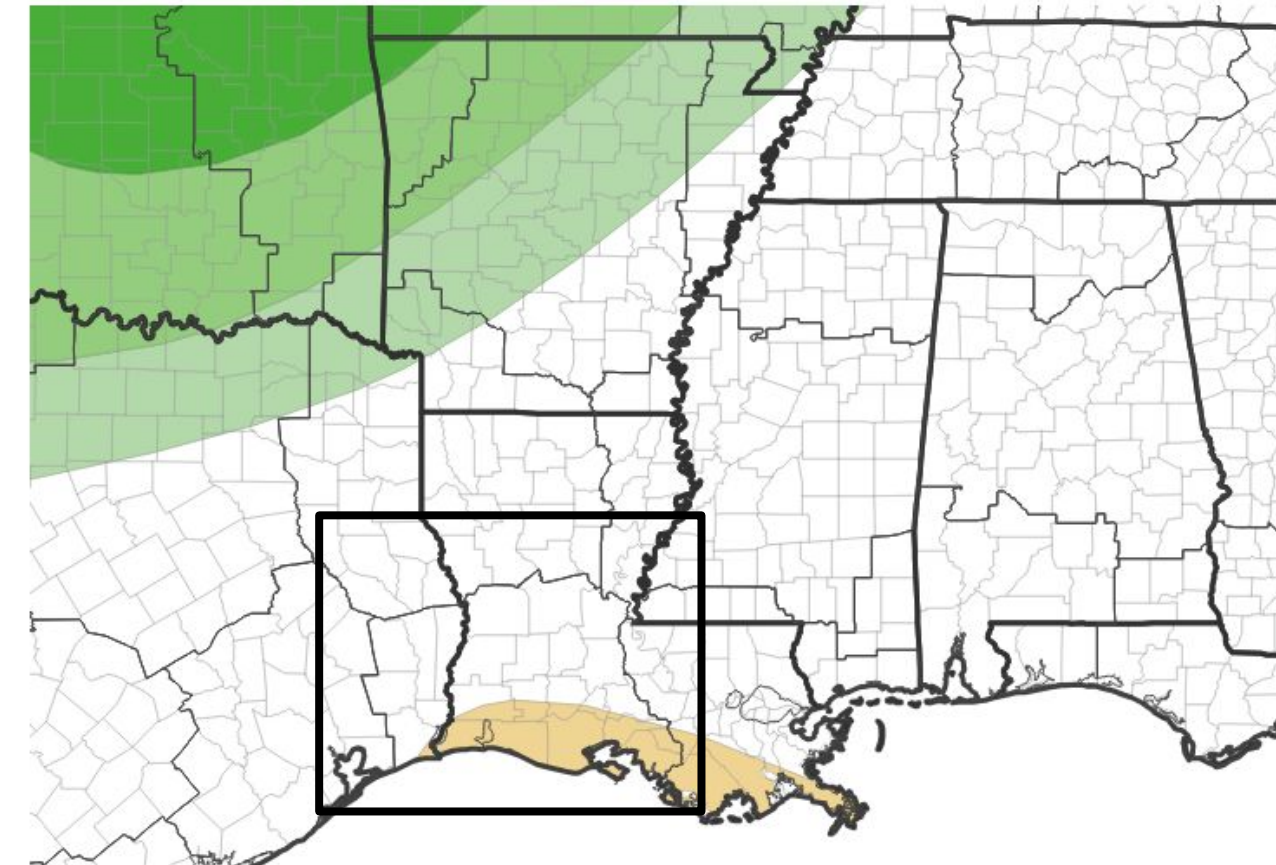
Probability of Near-Normal Temperatures



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

Last Updated: 10/31/24

Monthly Precipitation Outlook for November 1, 2024–November 30, 2024



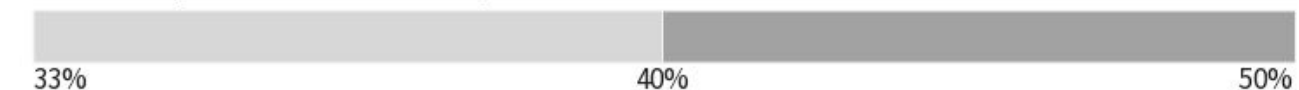
Probability of Below-Normal Precipitation



Probability of Above-Normal Precipitation



Probability of Near-Normal Precipitation



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

Last Updated: 10/31/24



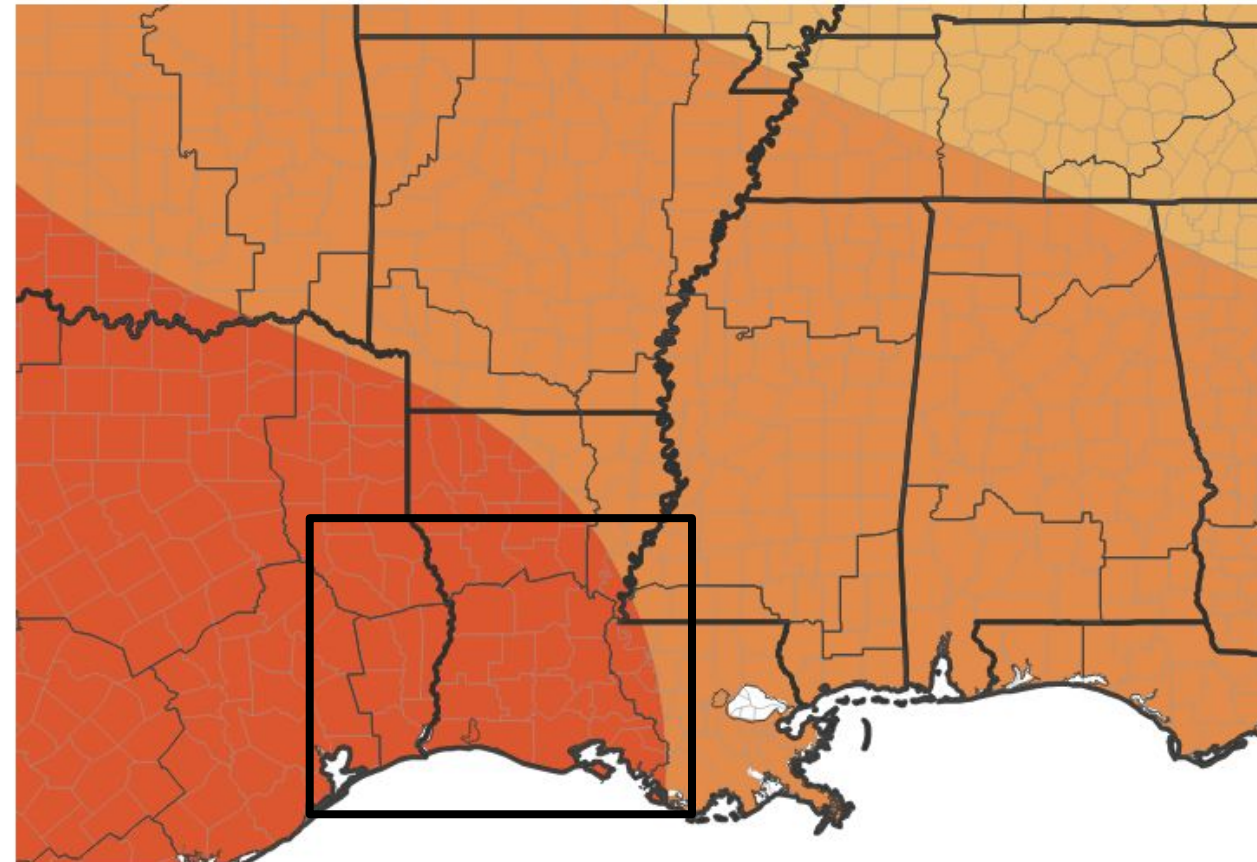


Long-Range Outlooks

Chances favor near normal temperatures and above normal precipitation.

- Chances heavily favor above normal temperatures through the end of January 2025.
- Chances favor below normal precipitation through January of 2025.

Seasonal (3-Month) Temperature Outlook for November 1, 2024–January 31, 2025



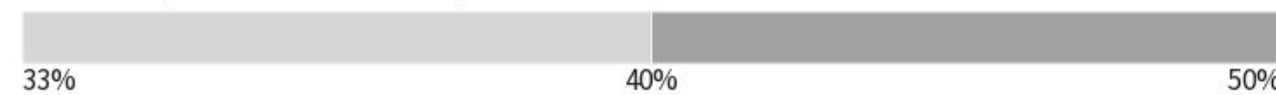
Probability of Below-Normal Temperatures



Probability of Above-Normal Temperatures



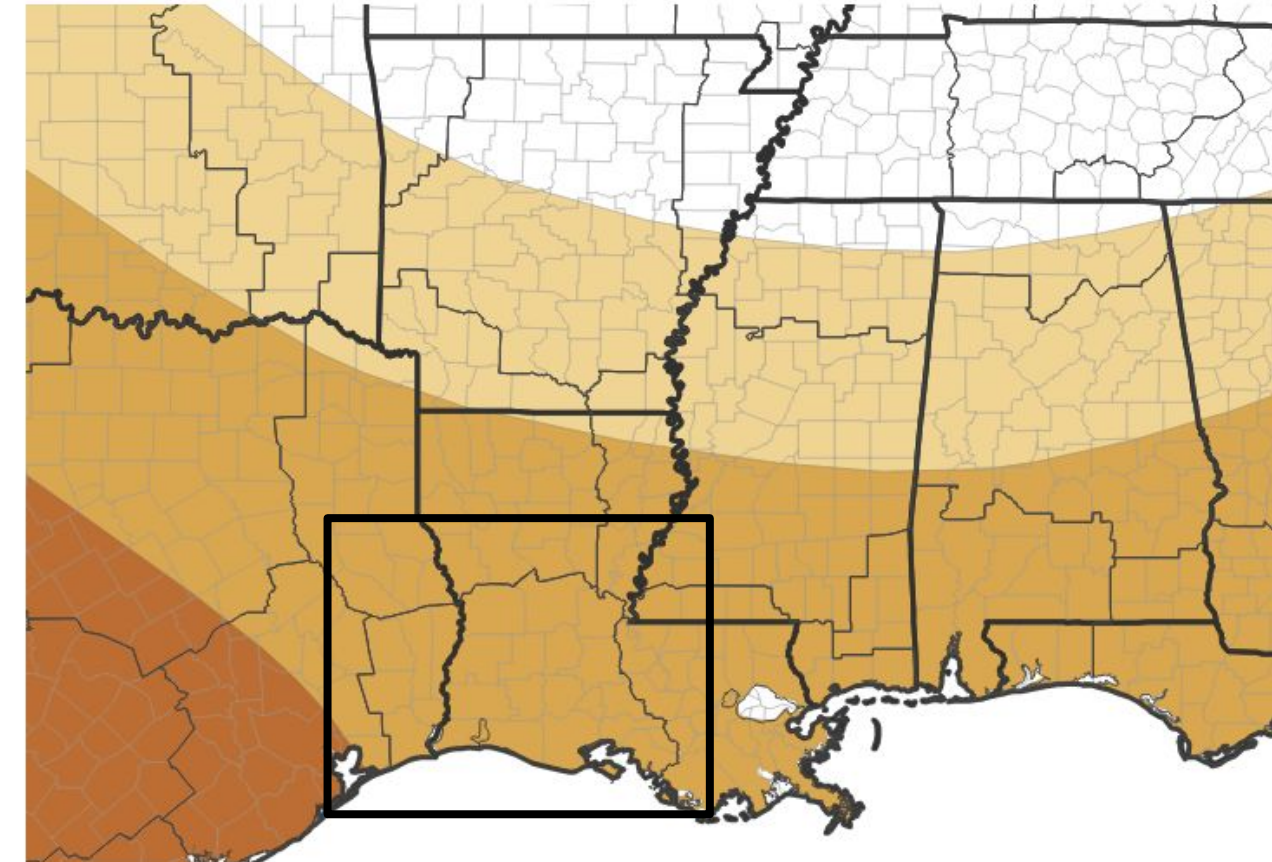
Probability of Near-Normal Temperatures



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

Last Updated: 10/17/24

Seasonal (3-Month) Precipitation Outlook for November 1, 2024–January 31, 2025



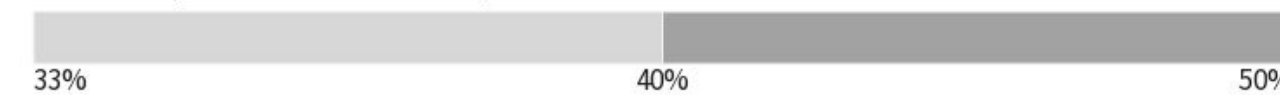
Probability of Below-Normal Precipitation



Probability of Above-Normal Precipitation



Probability of Near-Normal Precipitation



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

Last Updated: 10/17/24



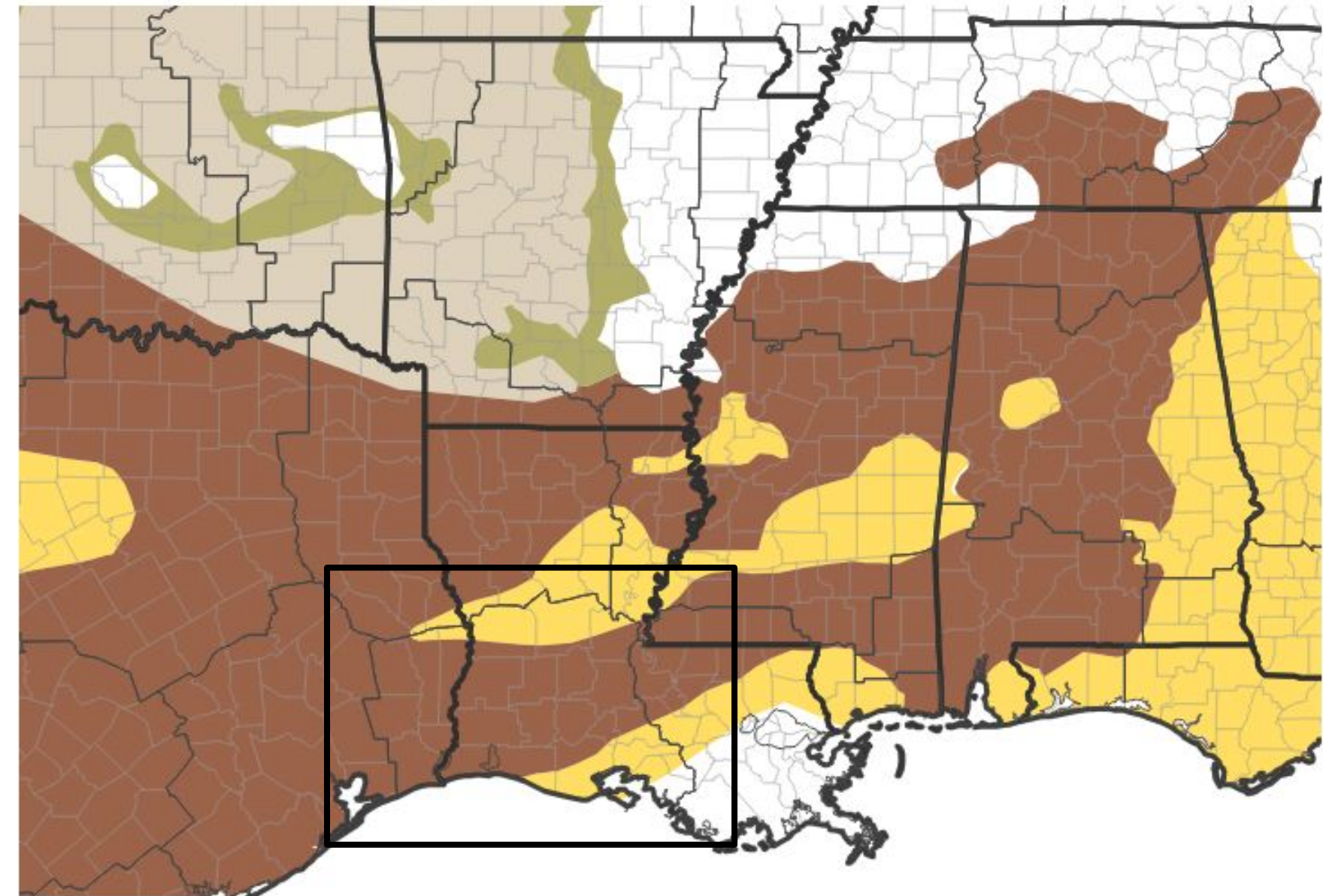


Drought Outlook

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

- The ongoing drought over southeast Texas and much of Louisiana is expected to persist through January of 2025. However, widespread rainfall this upcoming weekend may improve the drought in the short term.

Seasonal (3-Month) Drought Outlook for October 31, 2024–January 31, 2025



Drought Is Predicted To...



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

Last Updated: 10/31/24

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
Lake Charles, LA



Resources

- U.S. Drought Monitor droughtmonitor.unl.edu
- NWS Lake Charles Phone Number: (337) 477-5285 ext. 1
- NWS Lake Charles Webpage: www.weather.gov/LCH
- Online Severe Weather Reporting: [stormReport](https://stormreport.com)
- NWS Lake Charles Facebook www.facebook.com/NWSLakeCharles
- NWS Lake Charles Twitter twitter.com/NWSLakeCharles



Next Update: November 14th, 2024

