



Drought Information Statement for South Texas

Valid June 2, 2024

Issued By: NWS Corpus Christi, TX

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

- This product will be updated July 7, 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/crp/DroughtInformationStatement> for previous statements..

- Moderate drought in place across the Brush Country and Central Coastal Bend
- Below normal rainfall for much of the area
- Laredo now in Stage 3 Water Restrictions



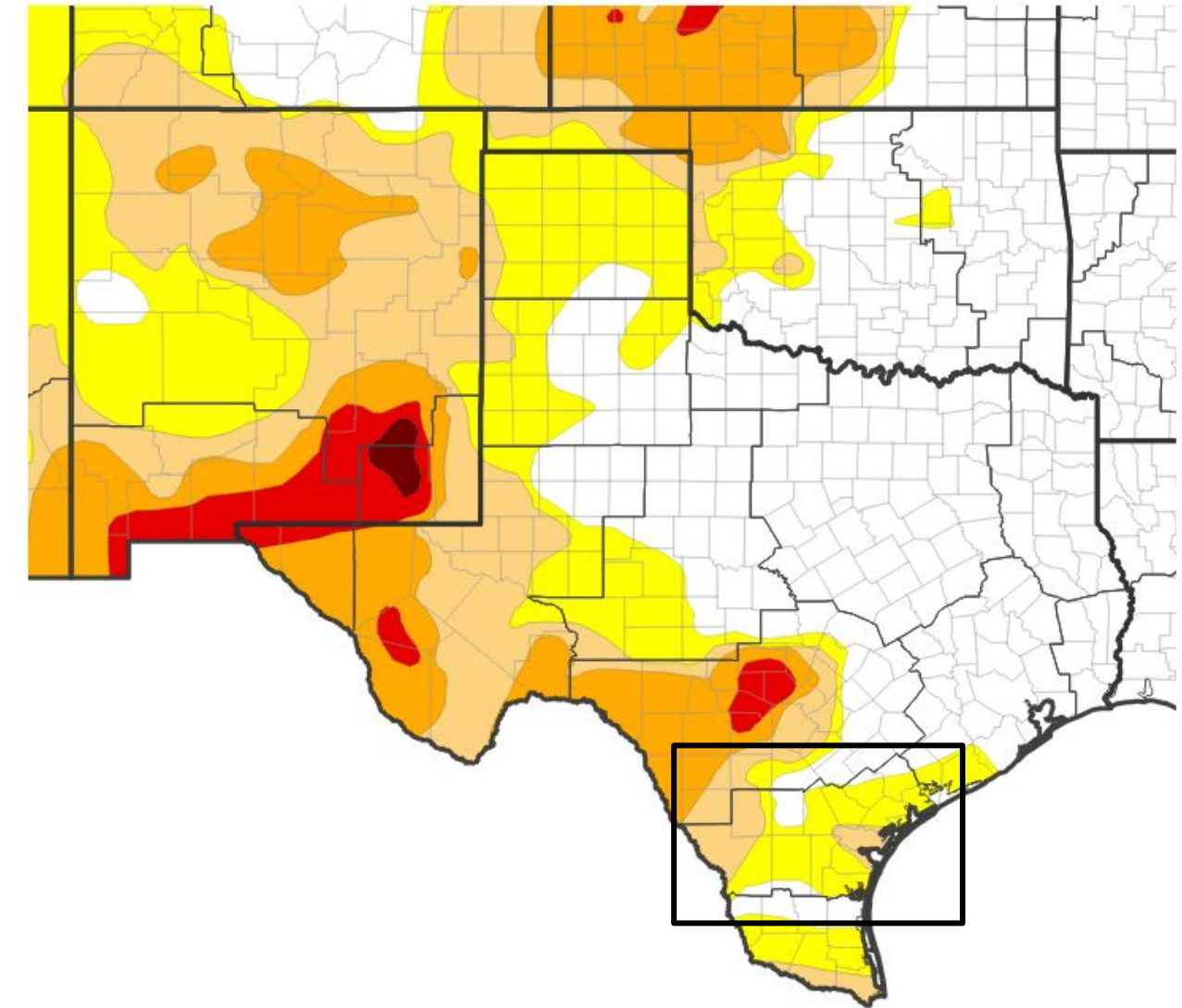
U.S. Drought Monitor

June 2, 2024
9:27 PM

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

- Drought intensity and Extent
 - **D4 (Exceptional Drought)**: None
 - **D3 (Extreme Drought)**: None
 - **D2 (Severe Drought)**: None
 - **D1 (Moderate Drought)**: Portions of Webb, La Salle, Nueces, San Patricio, Refugio, and Aransas counties
 - **D0: (Abnormally Dry)**: Portions of Webb, La Salle, Duval, McMullen, Jim Wells, Kleberg, Nueces, San Patricio, Live Oak, Bee, Goliad, Victoria, Refugio, Aransas, and Calhoun counties.

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 05/28/24





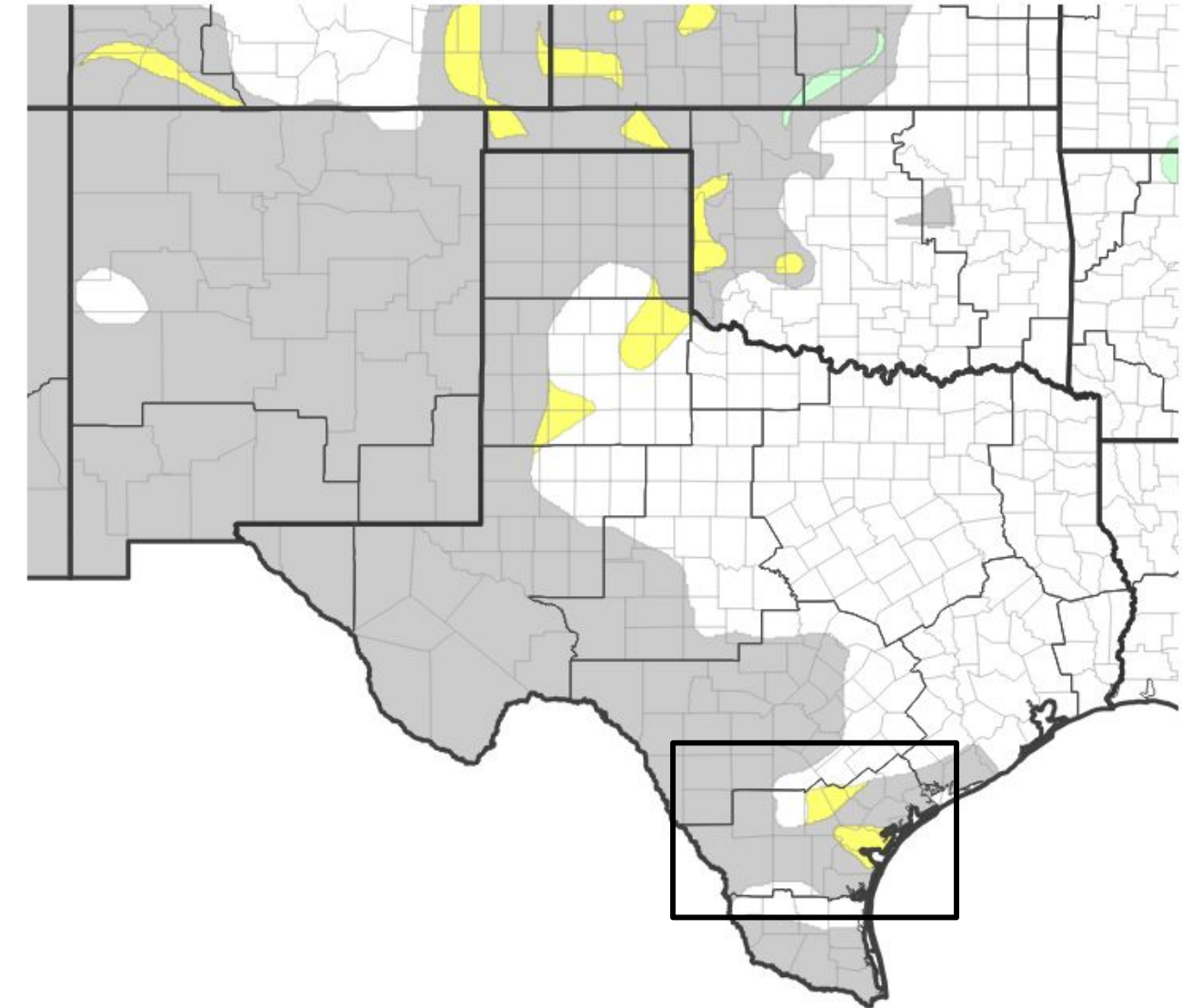
Recent Change in Drought Intensity

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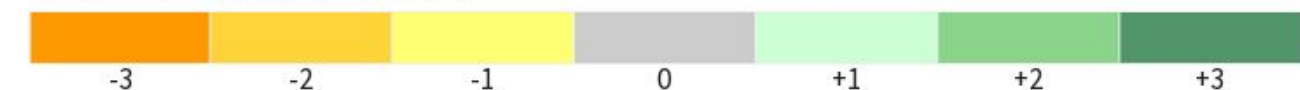
Link to the latest [4-week change map](#)

- Four Week Drought Monitor Class Change.
 - Drought Worsened: Portions of Live Oak, Bee, Nueces, San Patricio, Aransas, and Refugio counties.
 - No Change: Portions of Webb, La Salle, Duval, McMullen, Jim Wells, Kleberg, Nueces, San Patricio, Live Oak, Bee, Goliad, Victoria, Refugio, Aransas, and Calhoun counties.
 - Drought Improved: None

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: 05/28/24





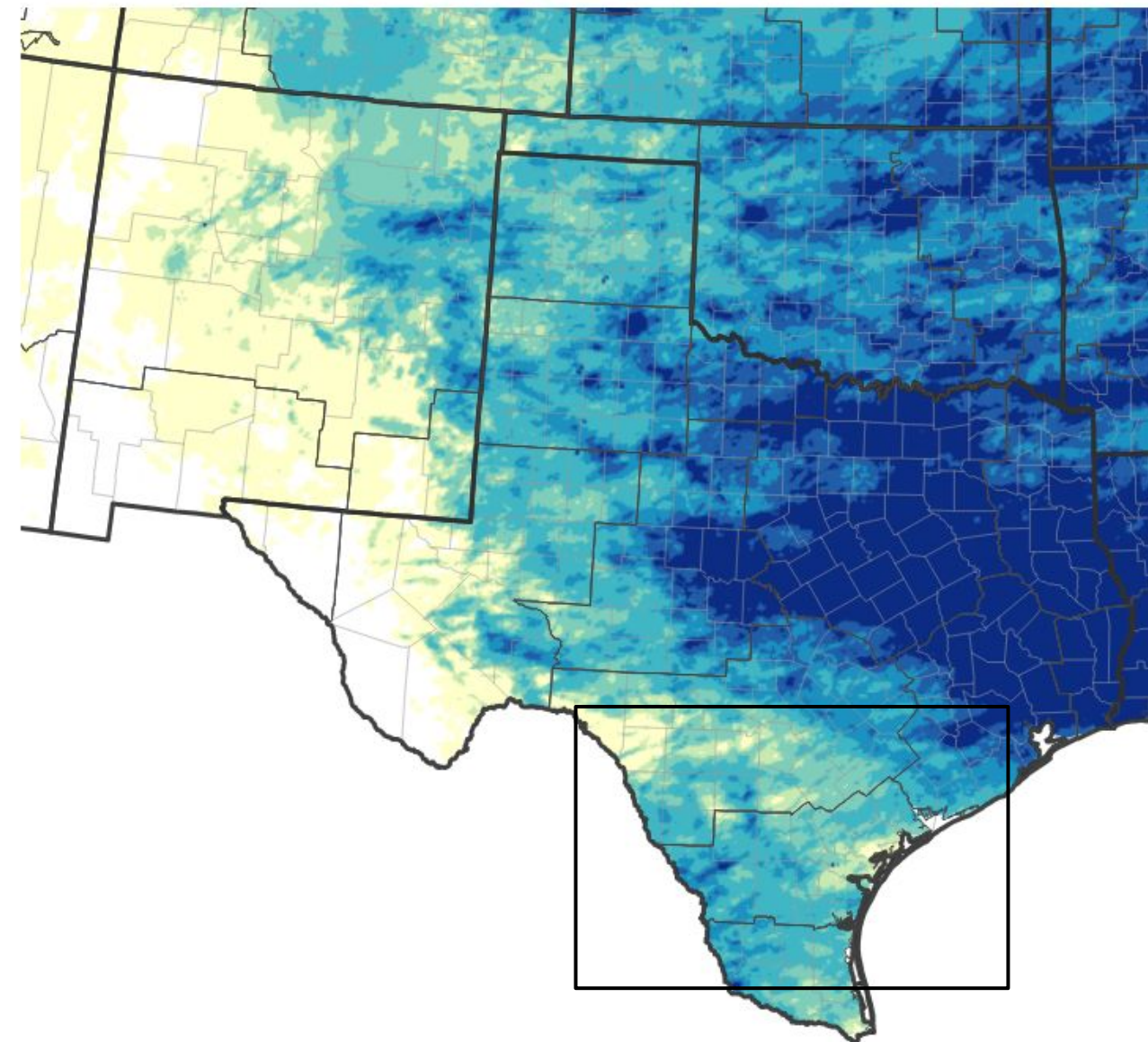
Precipitation

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South Texas Rainfall

- Those to the east of Highway 281, experienced below normal rainfall through May. Rainfall amounts generally ranged from 1-4”
- Those west of Highway 281, experienced near to slightly above normal rainfall. Rainfall amounts ranged from 2-8” in some spots.

30-Day Precipitation Accumulations (Inches)



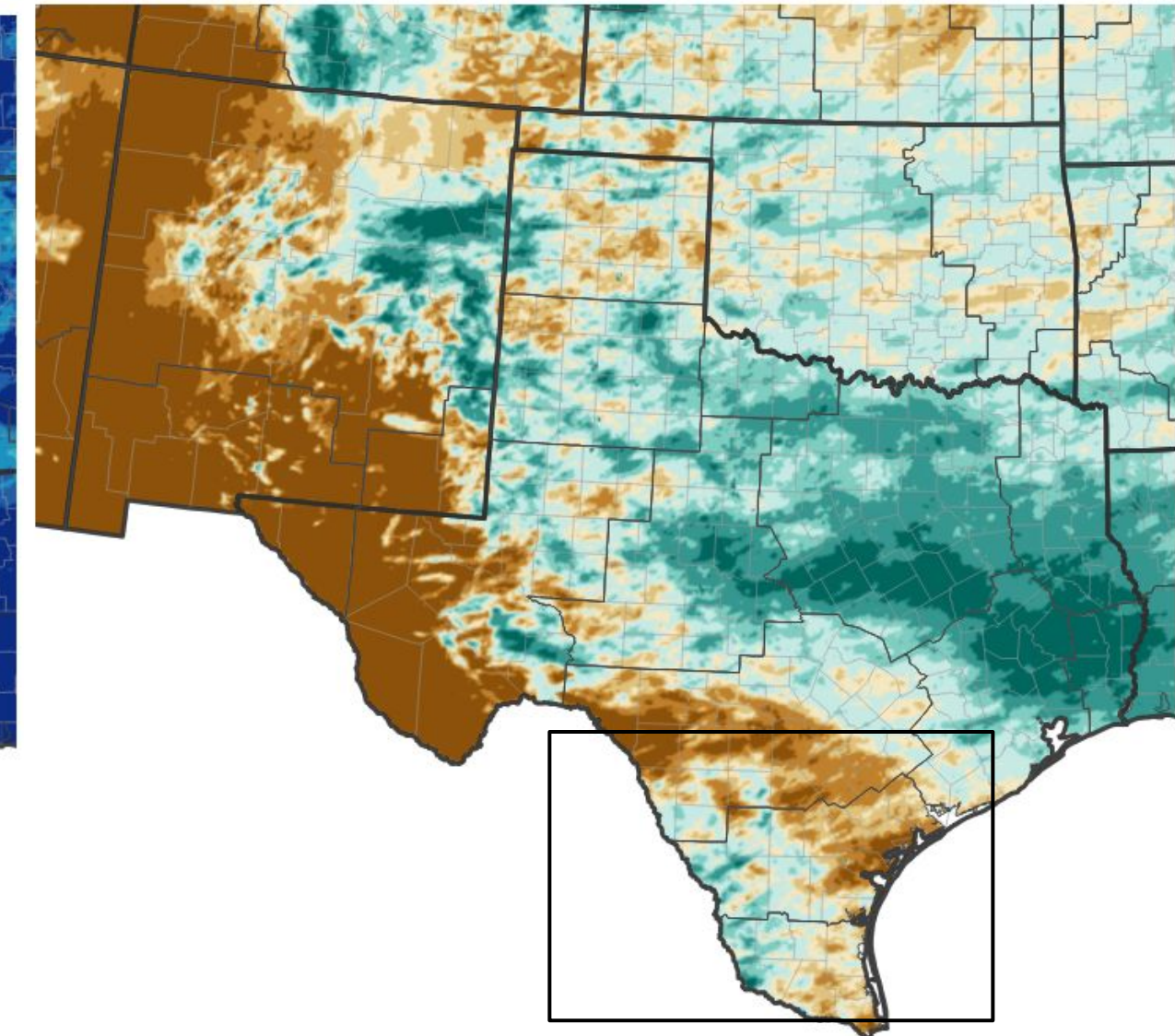
Inches of Precipitation



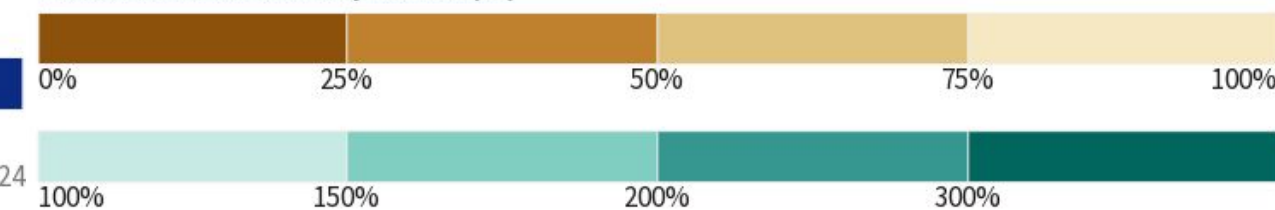
Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov

Last Updated: 06/02/24

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: 06/02/24



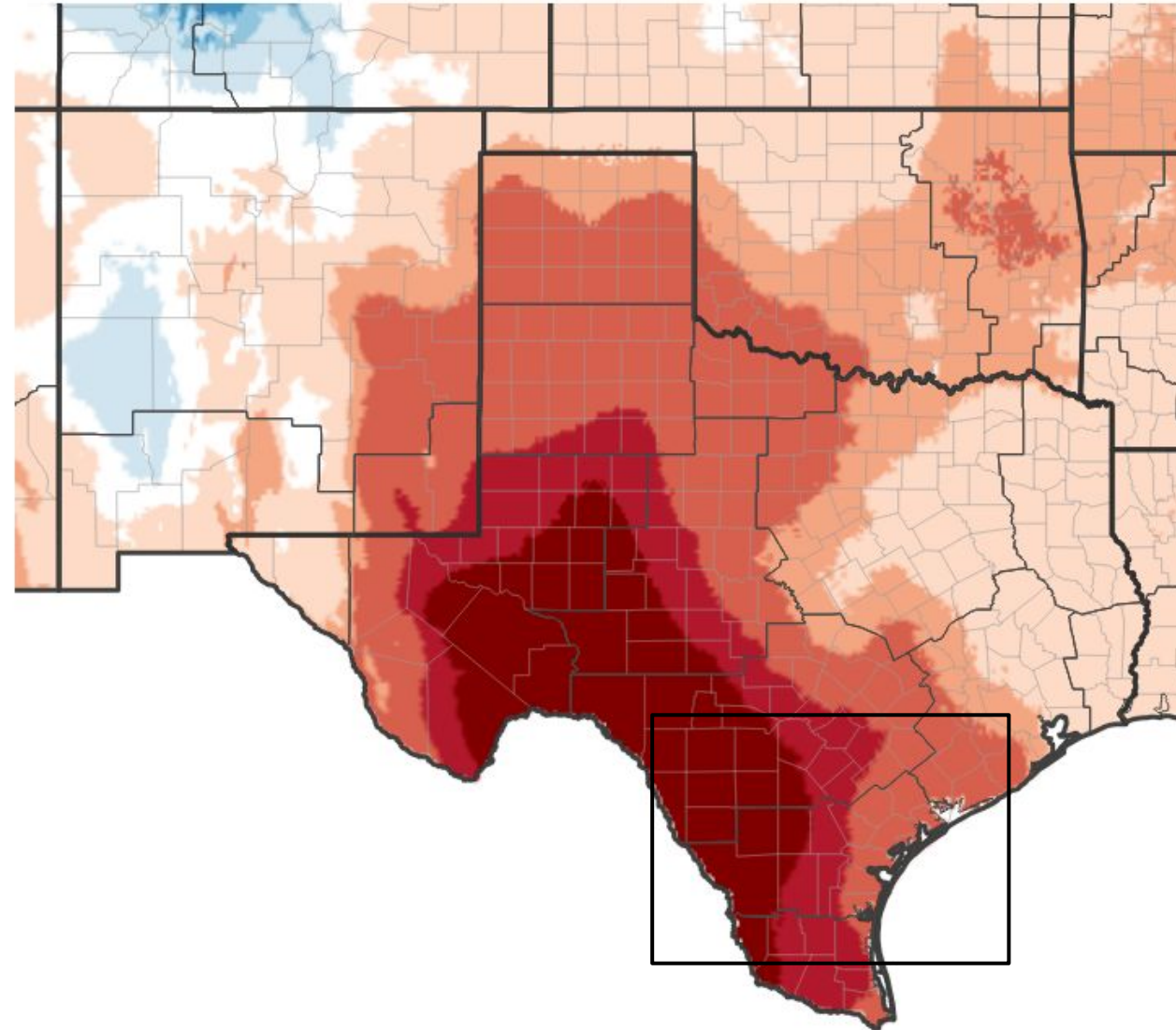


Temperature

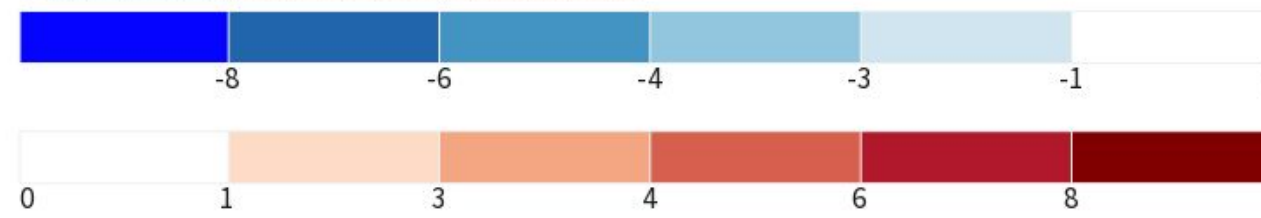
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- Temperatures were above normal for the month of May.

7-Day Temperature Anomaly



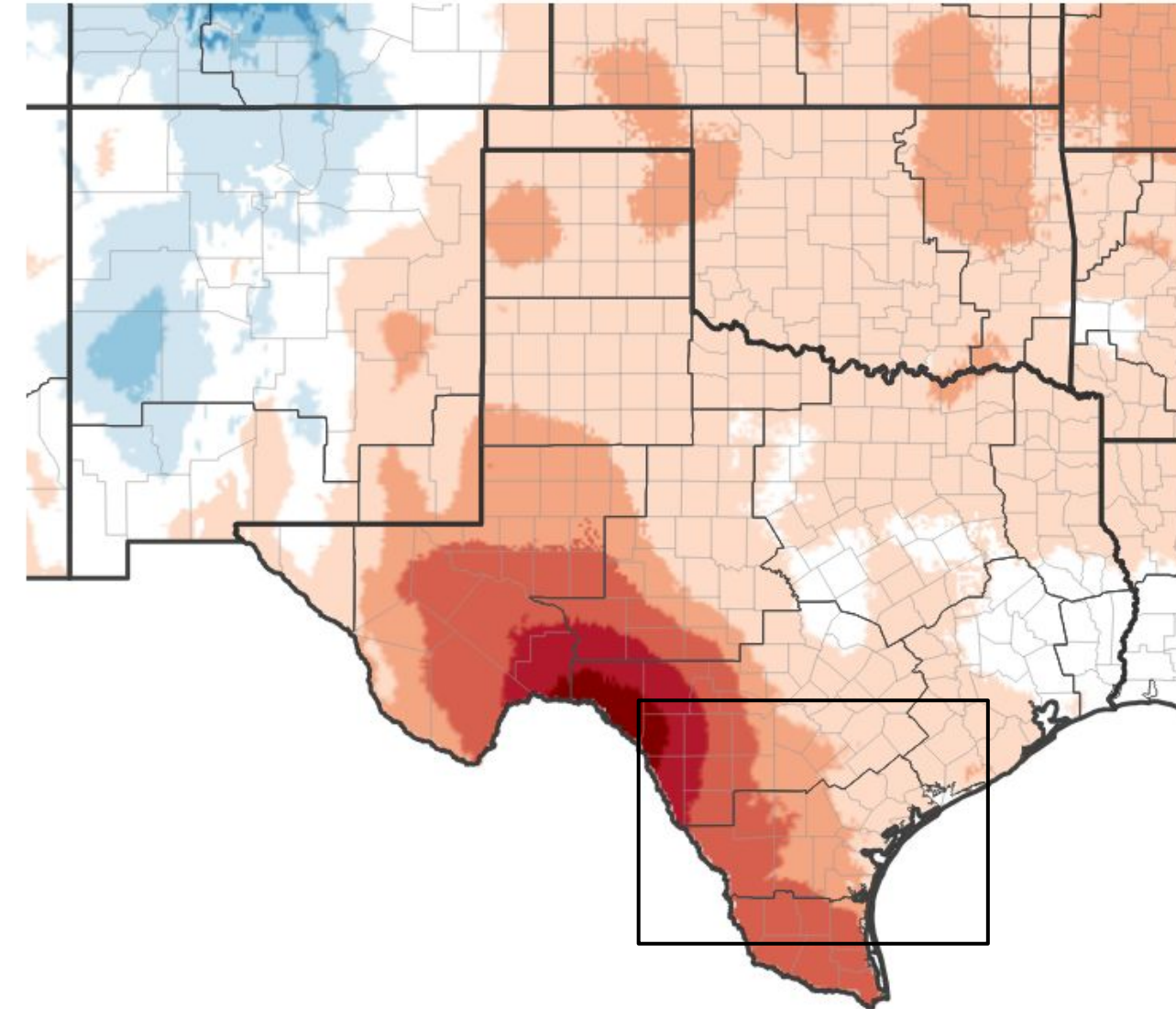
Departure from Normal Max Temperature (°F)



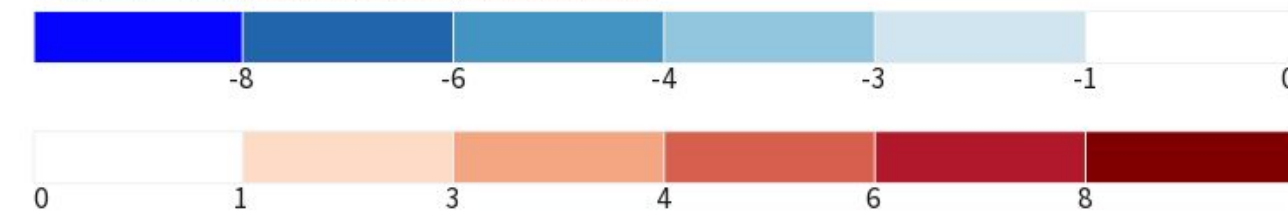
Source(s): NOAA's National Centers for Environmental Information; image courtesy of Drought.gov

Data Valid: 05/29/24

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: 05/29/24





Summary of Impacts

June 2, 2024

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

Hydrologic Impacts

- Low reservoir levels contributing to water restrictions

Agricultural Impacts (<https://agrifetoday.tamu.edu/>)

- Coastal Bend: The district continued to experience very hot, dry conditions. Corn and grain sorghum were in their late stages and maturing rapidly. Some corn was showing signs of stress, including less than desirable ear length. Many cotton plants looked good, but the hot, dry conditions were beginning to impact them. Producers began spraying cotton for fleahoppers and stink bugs. Rice fields were beginning to go under flood irrigation. Range and pasture conditions continued to decline, and hay production was falling short of normal levels. Livestock conditions were good, but some livestock required supplementation due to the deteriorating forage conditions.
- South: Temperatures in the district ranged from very warm to hot with most areas receiving trace amounts of rainfall up to 3 inches. Corn and grain sorghum fared well in most areas, but some producers expected yield losses due to dry conditions. Cotton crops in most areas were doing well with small bolls or the flowering stage in some fields. Dryland cotton was suffering and showing signs of stress. Sesame was doing well despite hot temperatures, and the strawberry harvest was wrapping up. Pasture and range conditions were poor to good, with soil conditions worsening. Hay looked good with producers beginning to cut and bale in most areas. Livestock conditions ranged from poor to good, with supplementation becoming more common in some areas. Cattle looked good, and prices remained strong.





Summary of Impacts

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

Fire Hazard Impacts

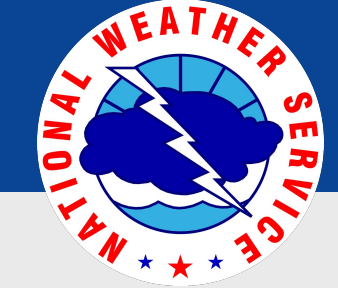
- Normal fire danger at this time

Other Impacts

- Corpus Christi under stage 2 water restrictions (<https://www.cctexas.com/>)
- Laredo under stage 3 water restrictions (<https://laredoutilities.com/water-conservation-program/>)
- Alice under stage 2 restrictions (<https://www.alicetx.com/2024/03/11/city-of-alice-enters-stage-2-moderate-drought-restriction/#/>)

Mitigation Actions

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

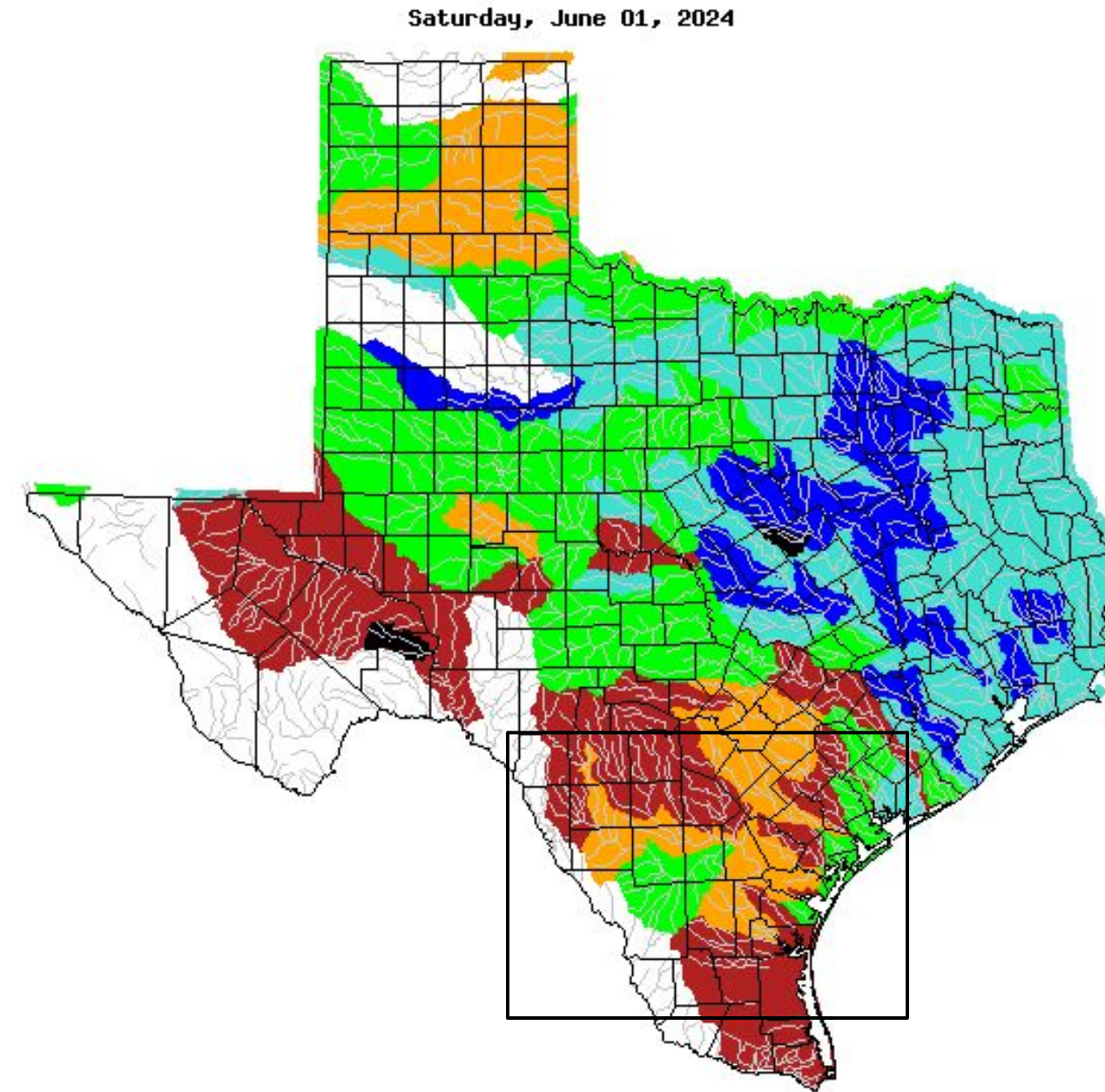


Hydrologic Conditions and Impacts

June 2, 2024
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USGS 7-Day Avg Streamflow | Texas Reservoirs

- Normal to much below normal flows across all of South Texas



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		

Reservoir	Pool Elevation (ft)	Current Elevation (ft)
Choke Canyon.	220.5	191.2
Lake Corpus Christi	94.0	83.9
Lake Texana	44.0	43.9
Coleta Creek	98.0	97.3
Canyon Lake	909.0	885.9
Lake Amistad	1117.0	1049.5



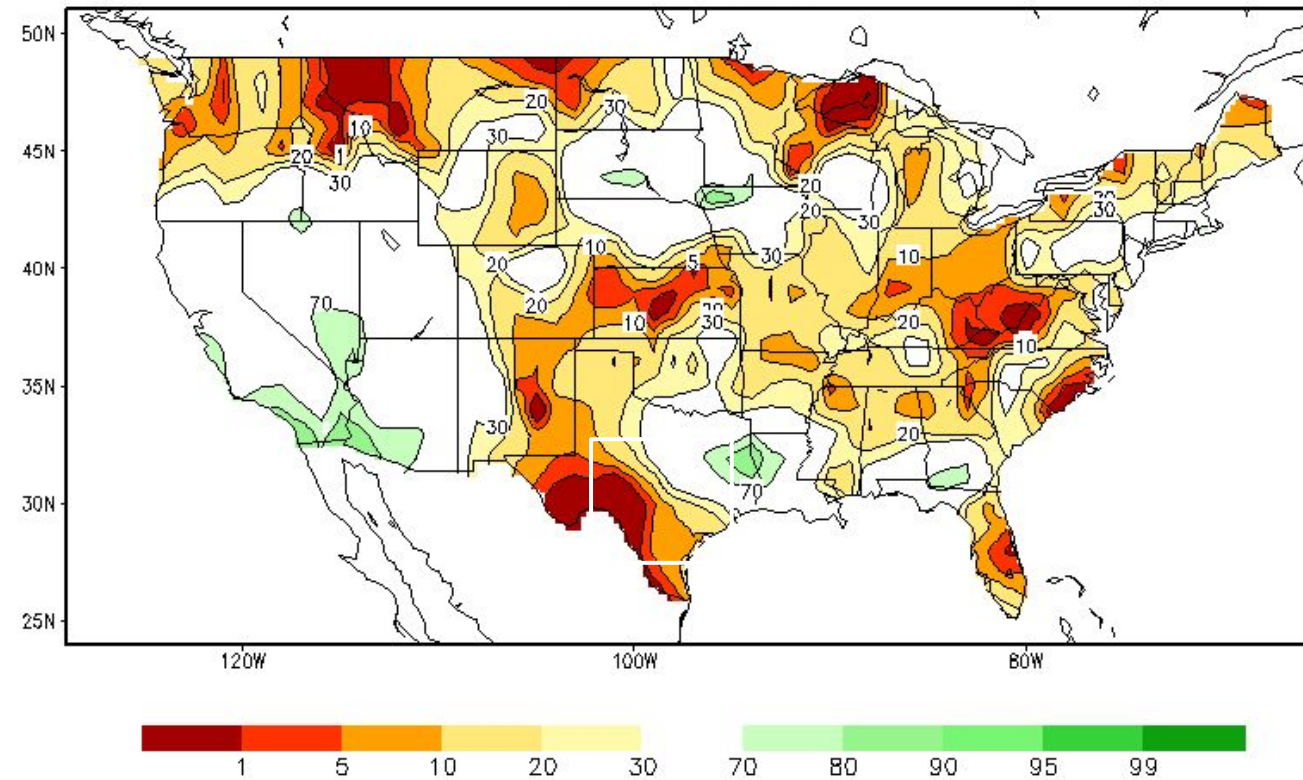
Agricultural Impacts

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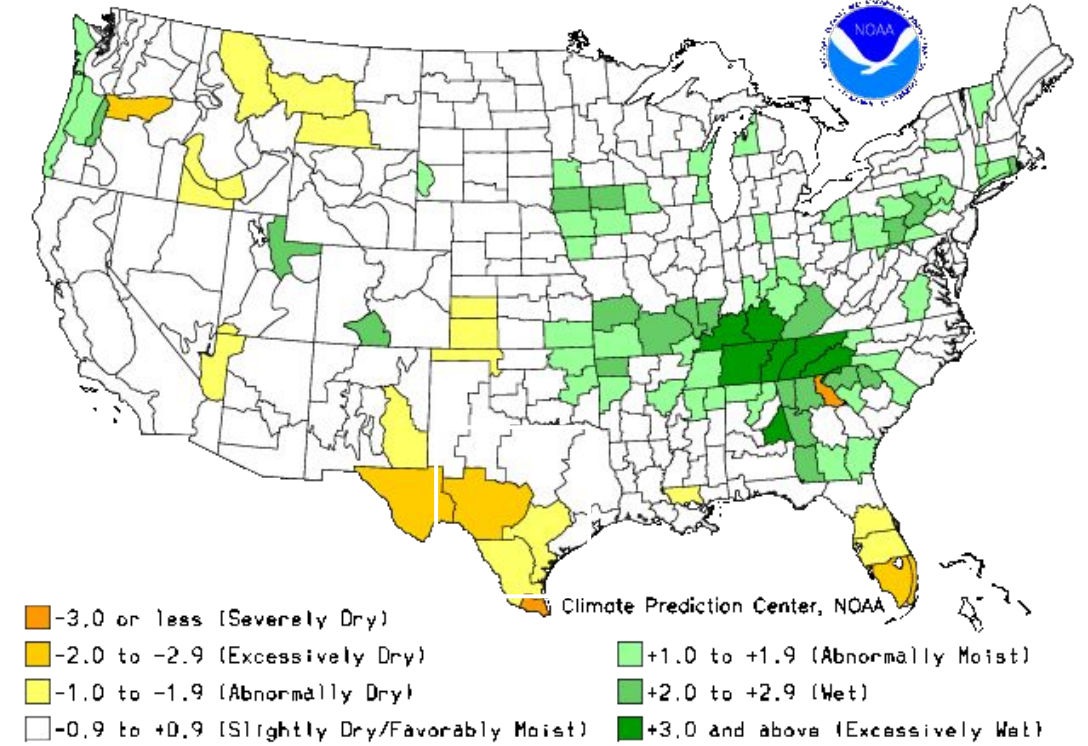
[Soil Moisture](#) | [Crop Moisture](#)

- Soil moisture remains below normal across the region.

Calculated Soil Moisture Ranking Percentile
JUN 01, 2024



Crop Moisture Index by Division
Weekly Value for Period Ending MAY 25, 2024
Short Term Need vs. Available Water in a Shallow Soil Profile





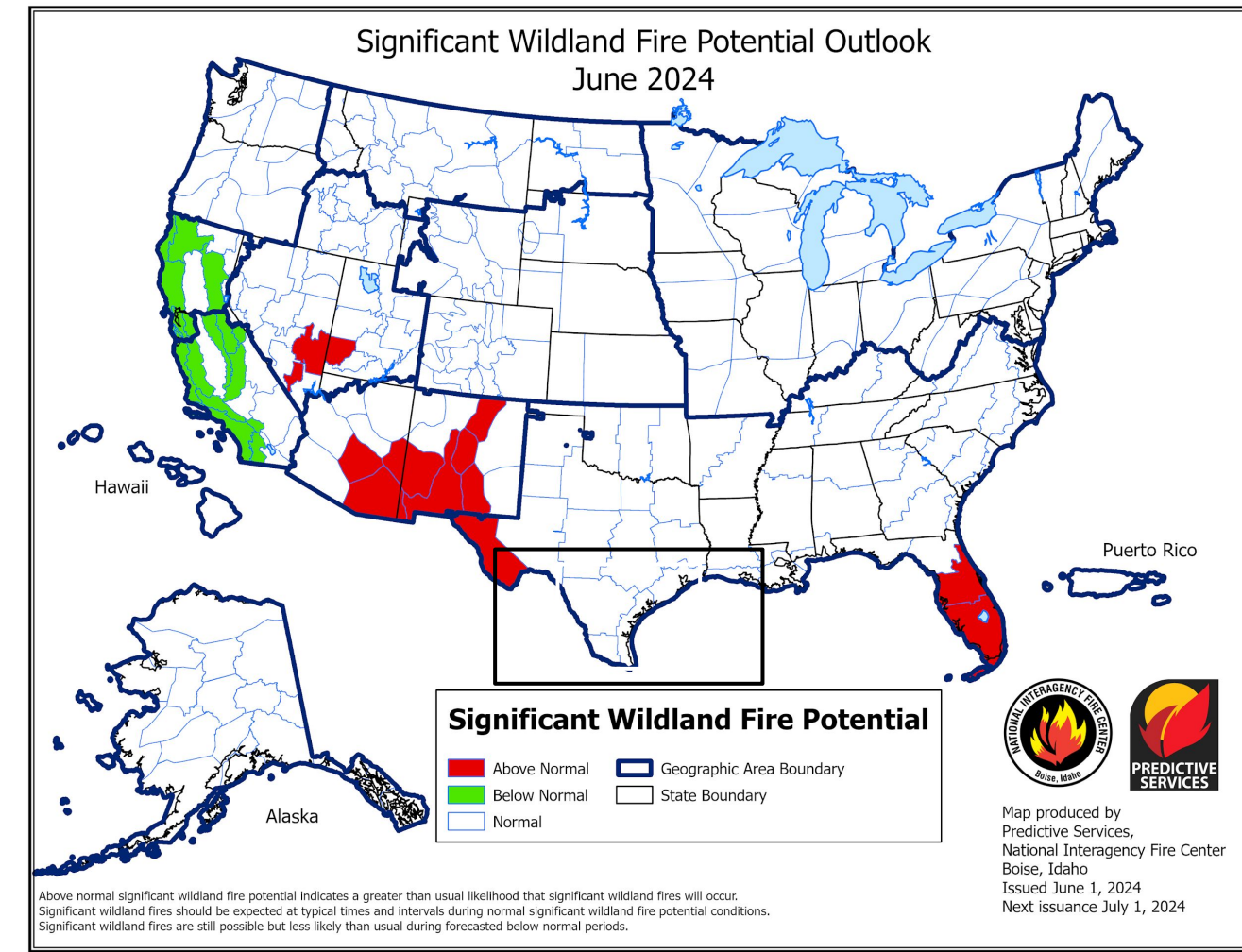
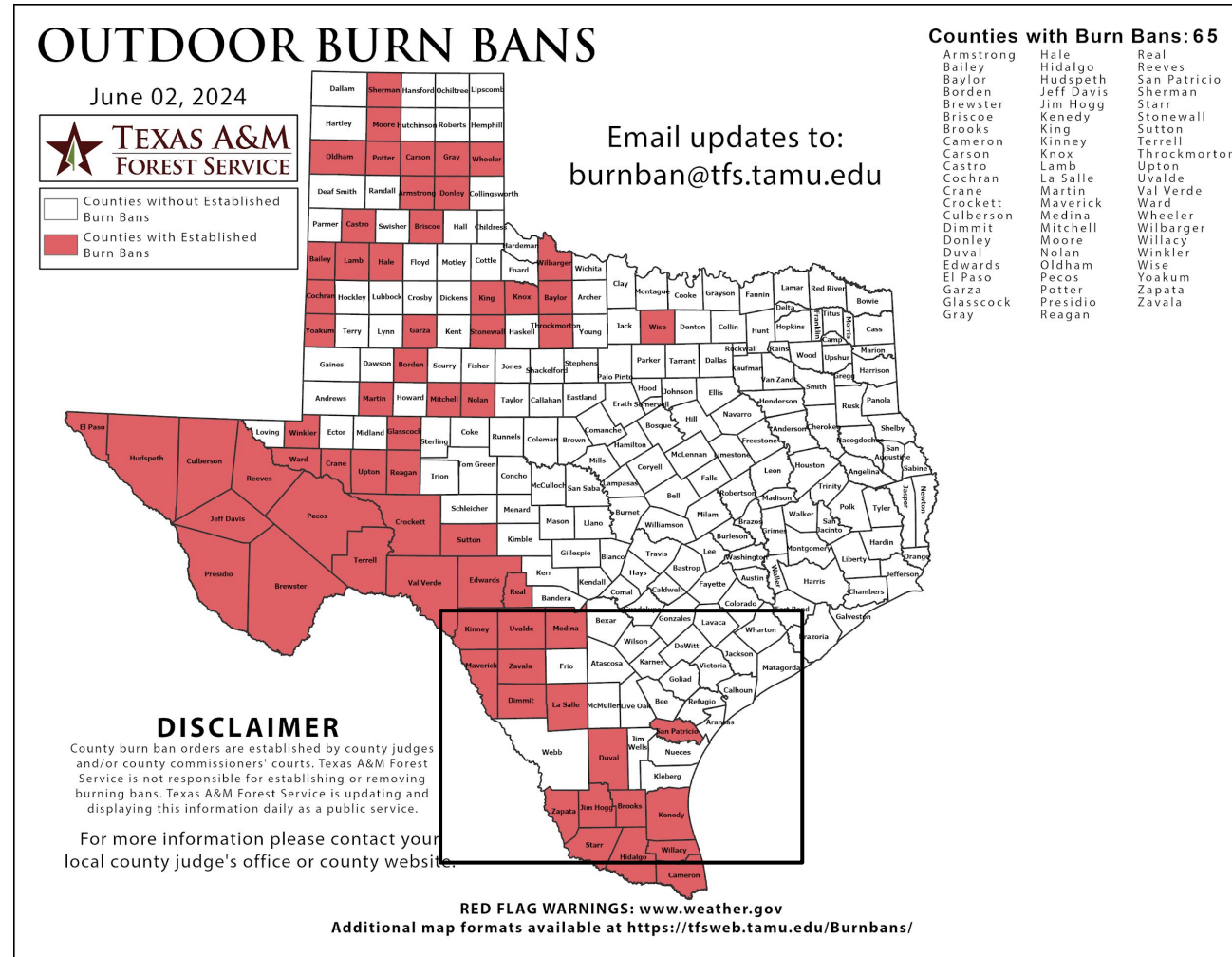
Fire Hazard Impacts

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

- Burn Bans in place across portions of South Texas
- Normal significant wildfire potential through June

Latest TX Burn Ban map available [here](#).





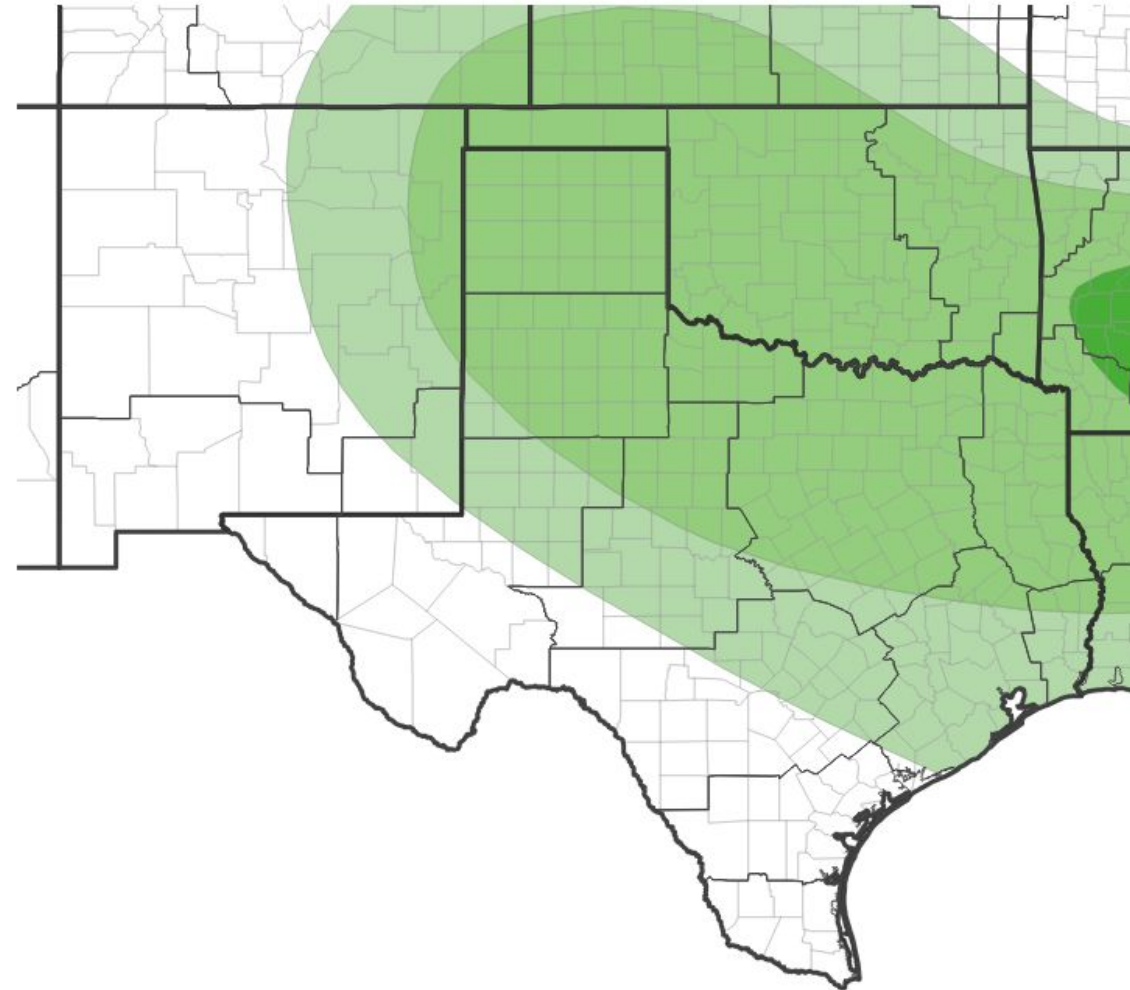
Long-Range Outlooks

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

- Equal chances for above or below normal precipitation through June
- Above normal temperatures for June

Monthly Precipitation Outlook



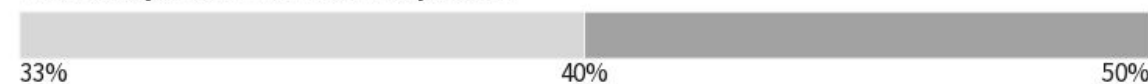
Probability of Below-Normal Precipitation



Probability of Above-Normal Precipitation



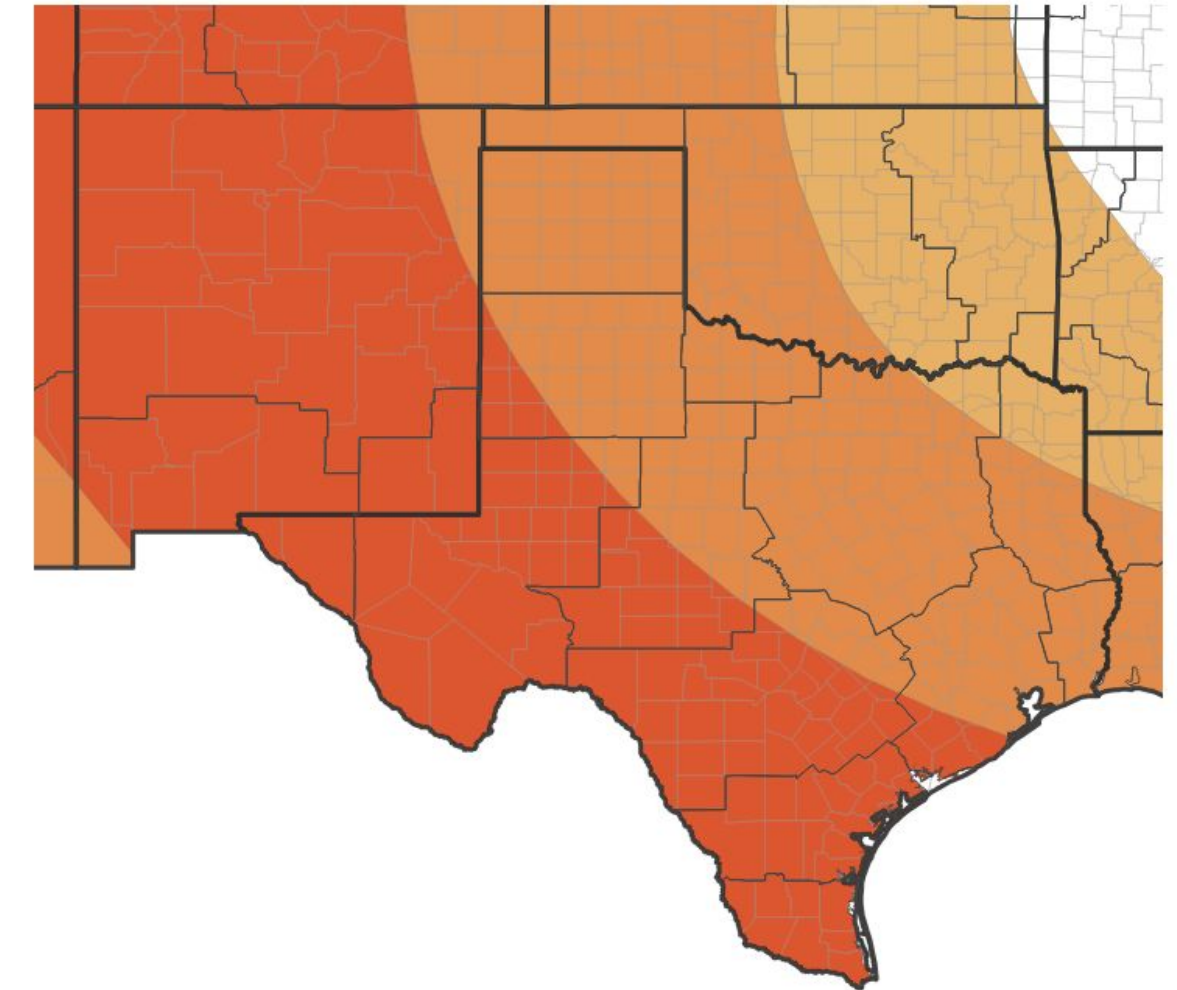
Probability of Near-Normal Precipitation



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

Data Valid: 05/31/24

Monthly Temperature Outlook



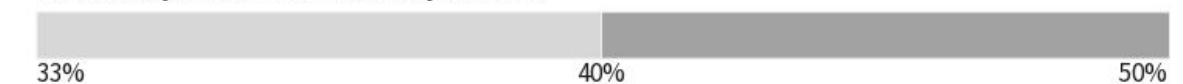
Probability of Below-Normal Temperatures



Probability of Above-Normal Temperatures



Probability of Near-Normal Temperatures



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

Data Valid: 05/31/24





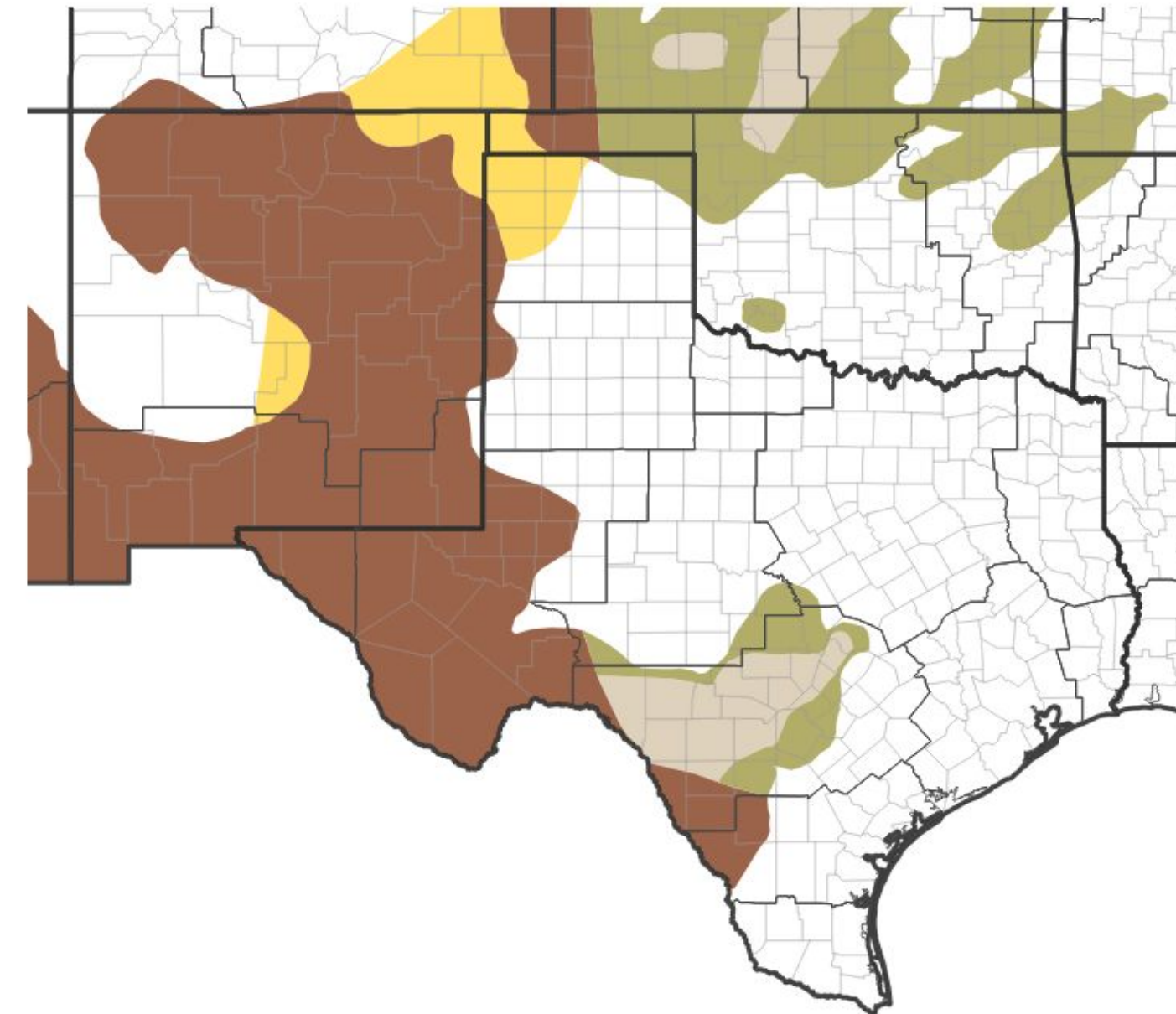
Drought Outlook

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

- Drought is likely to persist across the western Brush Country.

1-Month Drought Outlook



Drought Is Predicted To...



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

Data Valid: 04/30/24

