



Drought Information Statement for South Texas

Valid September 1, 2024

Issued By: NWS Corpus Christi, TX

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

- This product will be updated by October 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..

- Abnormally dry conditions return to more areas of South Texas
- Below normal rainfall across the region for August
- Above normal rainfall expected for the region through September



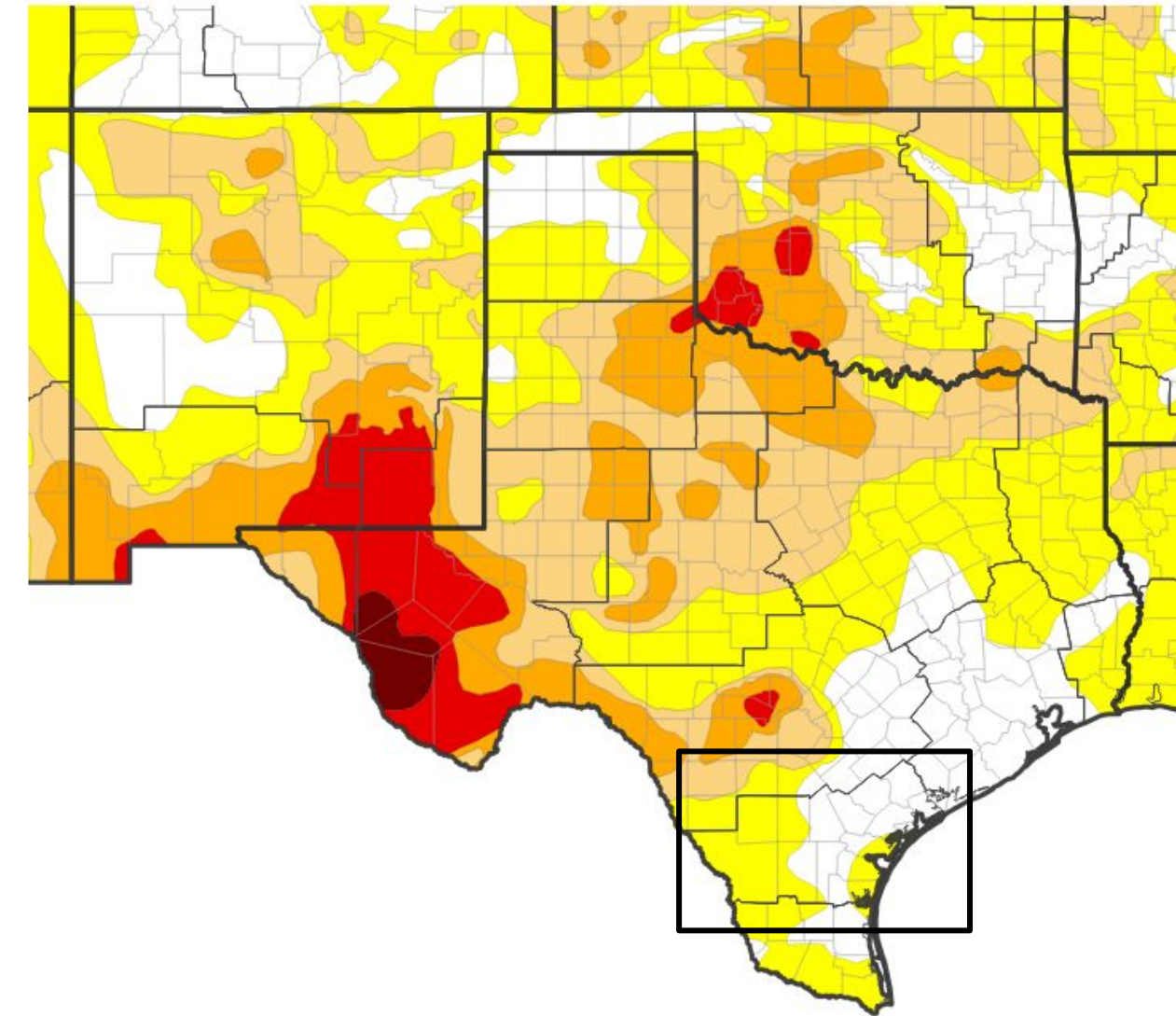
U.S. Drought Monitor

September 1, 2024
4:56 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):** None
 - **D0: (Abnormally Dry):** La Salle, McMullen, Webb counties including portions of Duval Coastal Kleberg, Coastal Nueces, Coastal San Patricio and Coastal Aransas counties

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 08/27/24



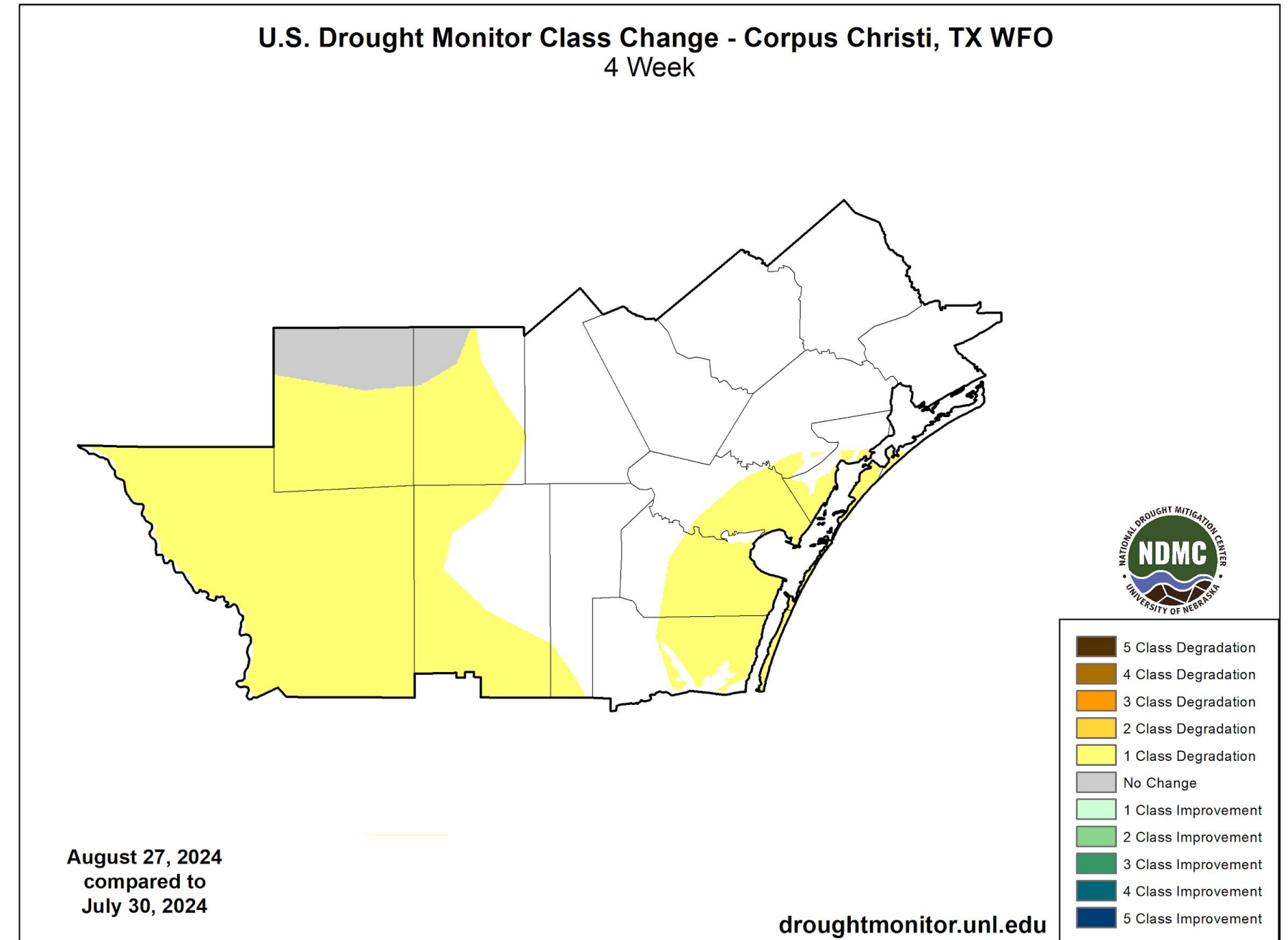


Recent Change in Drought Intensity

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

- Four Week Drought Monitor Class Change.
 - Drought Worsened: much of the Brush Country and Coastal Bend
 - No Change: remainder of South Texas.
 - Drought Improved: None





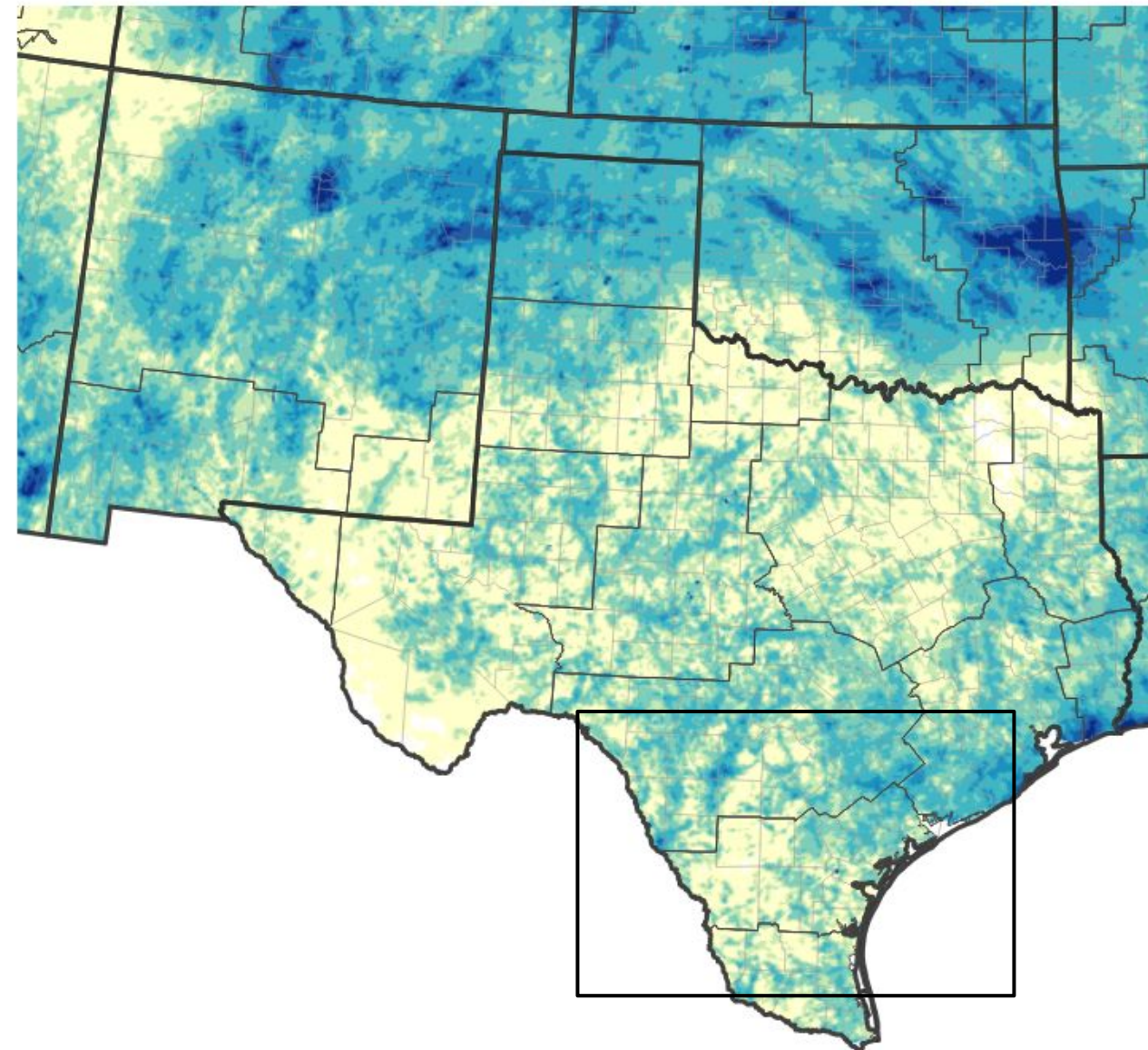
Precipitation

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South Texas Rainfall

- Most of South Texas saw below normal rainfall with most locales generally in the 0.01-2.00" range. A few pockets in the northeastern region saw over 2".

30-Day Precipitation Accumulations (Inches)



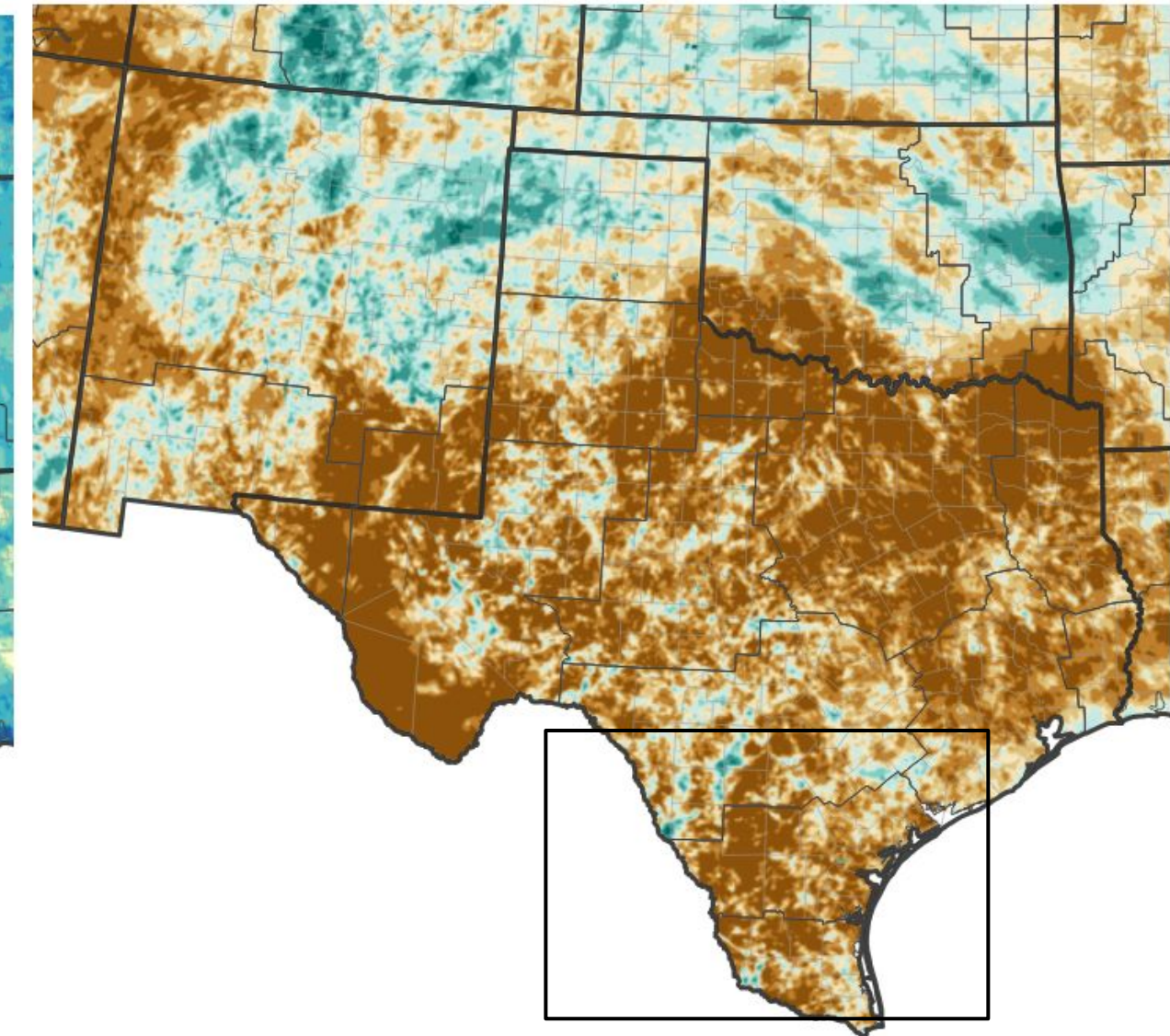
Inches of Precipitation



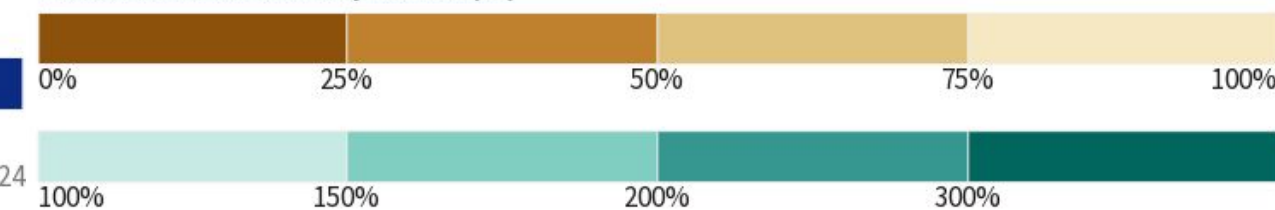
Source(s): National Weather Service Multi-Radar Multi-Sensor System;
image courtesy of Drought.gov

Last Updated: 09/01/24

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: 09/01/24



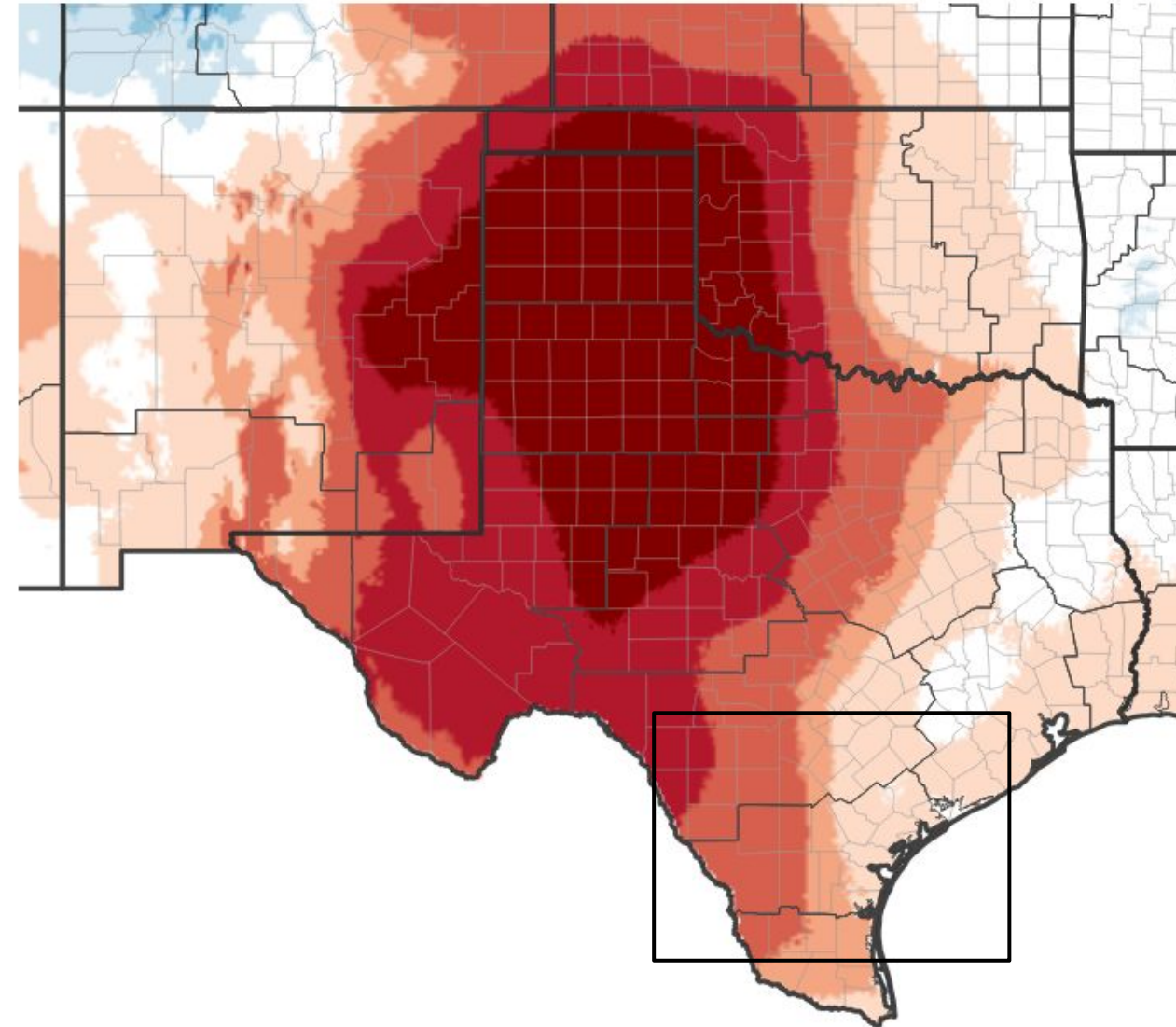


Temperature

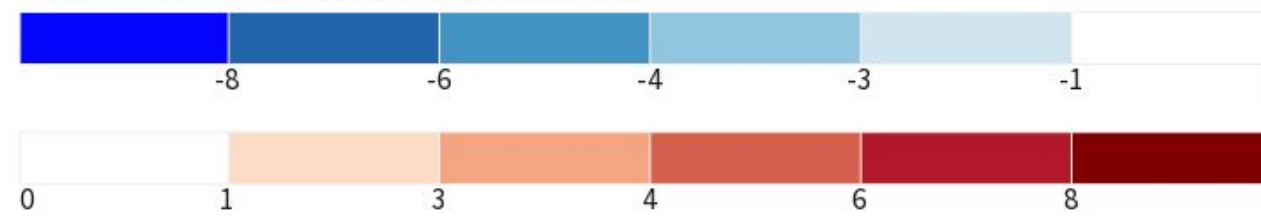
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- Temperatures were slightly above to much above normal over the past week
- Looking at the past month, temperatures were near to slightly above normal

7-Day Temperature Anomaly

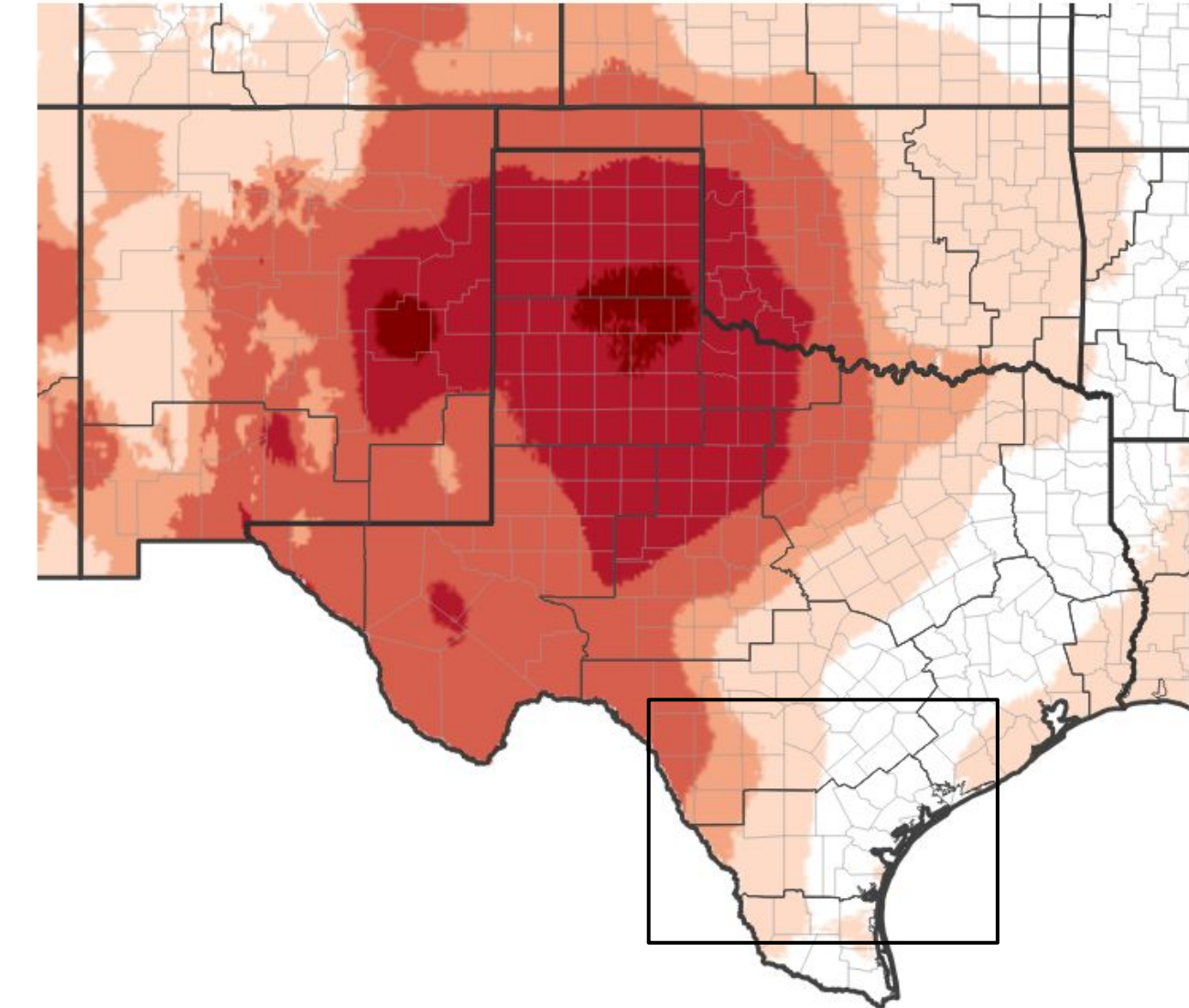


Departure from Normal Max Temperature (°F)



Source(s): NOAA's National Centers for Environmental Information; image courtesy of Drought.gov Data Valid: 08/28/24

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: 08/28/24





Summary of Impacts

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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: Hot, dry weather continued in the Coastal Bend with no significant rain, leading to declining topsoil and subsoil moisture. Corn and rice harvests were nearly complete, with corn yields ranging from 130-150 bushels per acre. Cotton harvest was 95% finished, with some areas delayed by rain. Hay fields were being cut and baled, but the harvest slowed due to dry conditions. Pastures were deteriorating and browning without rain. Pecan trees were shedding nut clusters prematurely. Livestock remained in good condition despite the dry weather. Cattle prices were holding steady at historic highs.
- South: South Texas experienced hot and dry conditions, with temperatures reaching 100-110 degrees daily. Rangeland and pasture conditions deteriorated due to the lack of rain, increasing fire risk. Cotton harvest continued, but poor lint quality led many producers to shred and plow fields instead. Citrus crops showed signs of heat and drought stress, while forage availability declined, prompting some ranchers to reduce stocking rates. Supplemental feeding was necessary, and hay cutting and baling continued. Farmers began planting fall vegetables and preparing fields for winter crops. Livestock water remained critical, and topsoil moisture declined. Despite the heat, beef cattle prices stayed strong, and wildlife appeared to be coping well.





Summary of Impacts

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

Fire Hazard Impacts

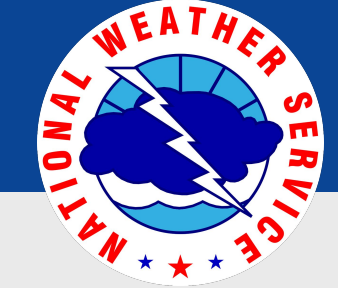
- Low to moderate fire danger at this time

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/#/>)
- Bishop under stage 2 water restrictions
(<https://southtexascommunitynews.com/stcn/bishop-under-stage-2-water-restrictions#gsc.tab=0>)

Mitigation Actions

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

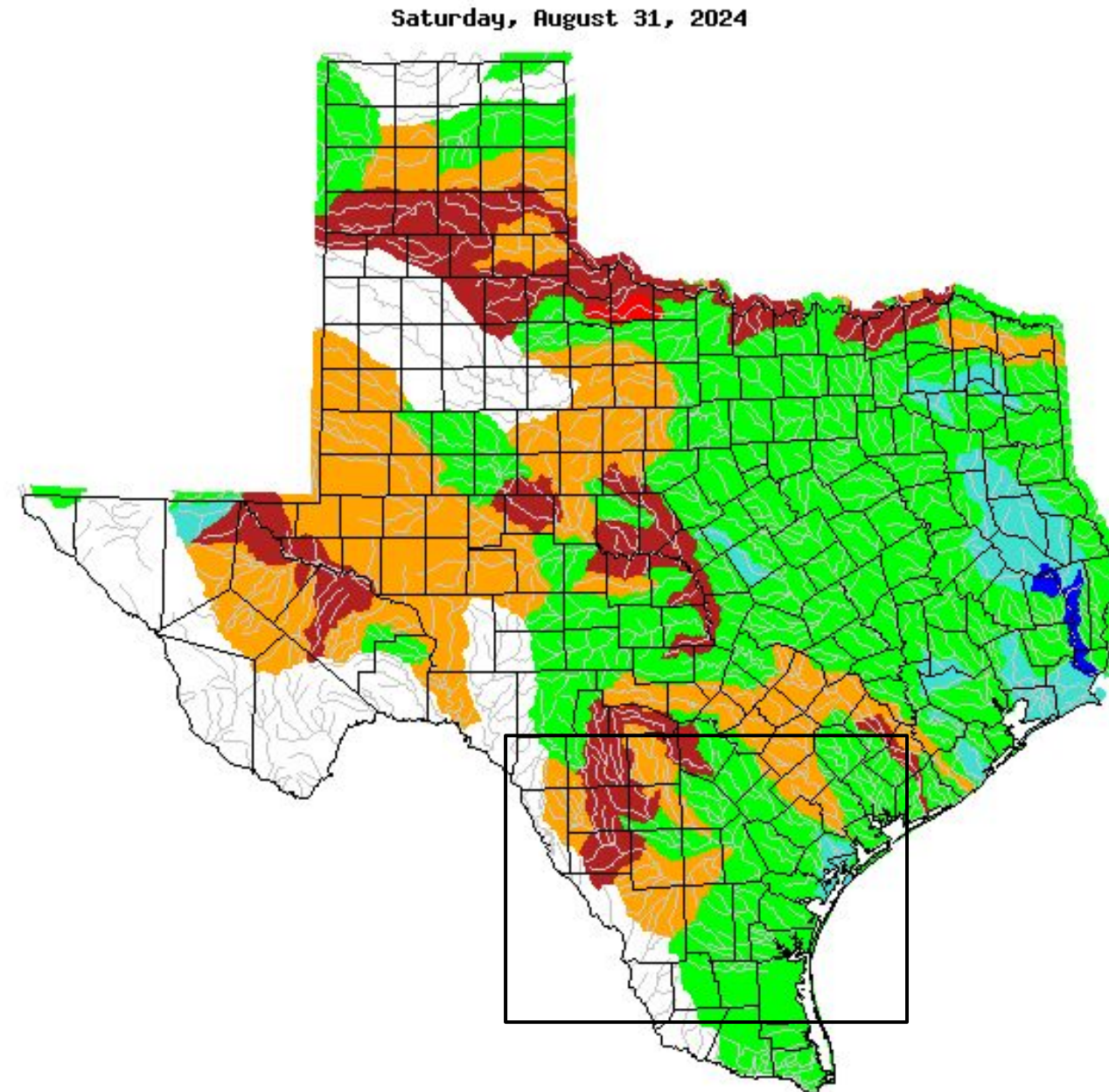


Hydrologic Conditions and Impacts

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USGS 7-Day Avg Streamflow | Texas Reservoirs

- Coastal Bend: Normal to above normal flows
- Brush Country: Below Normal flows



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

Reservoir	Pool Elevation (ft)	Current Elevation (ft)
Choke Canyon.	220.5	189.73
Lake Corpus Christi	94.0	83.83
Lake Texana	44.0	43.2
Coleta Creek	98.0	96.99
Canyon Lake	909.0	884.77
Lake Amistad	1117.0	1048.55

Reservoir values as of Aug 1, 2024





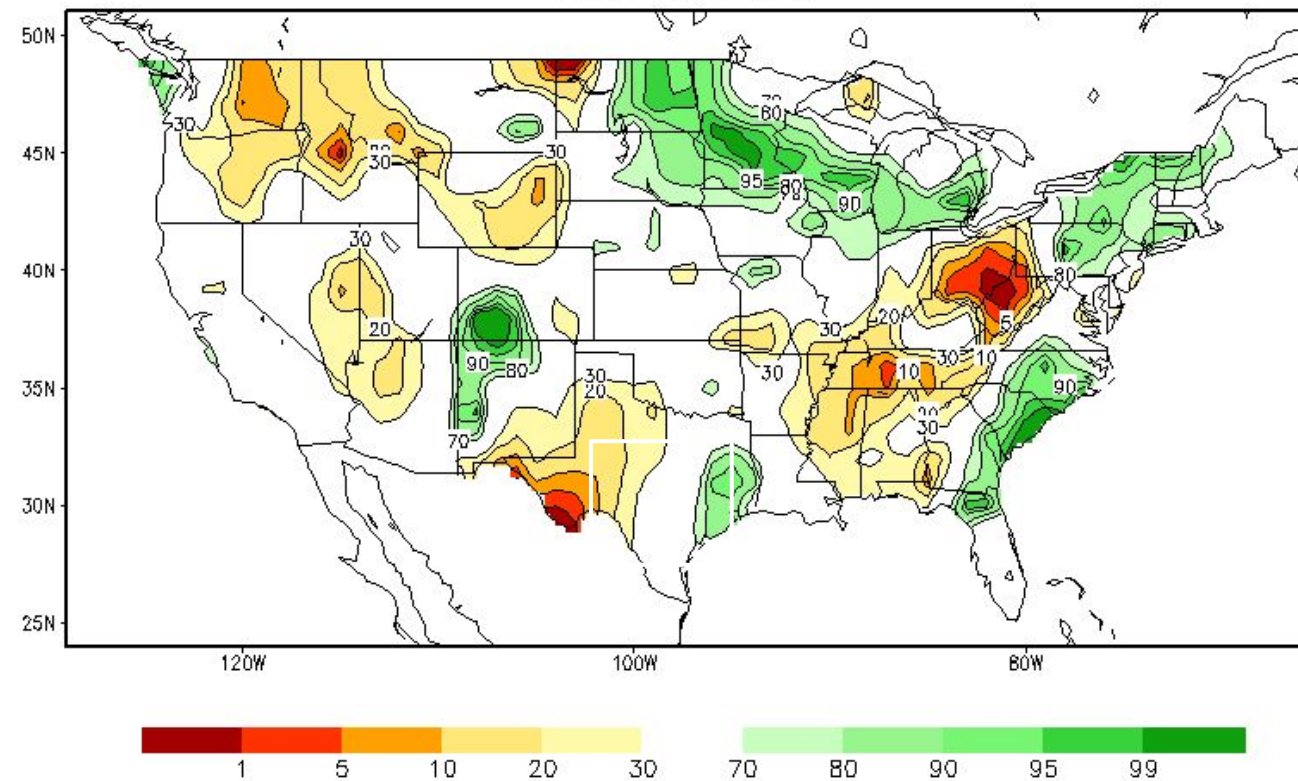
Agricultural Impacts

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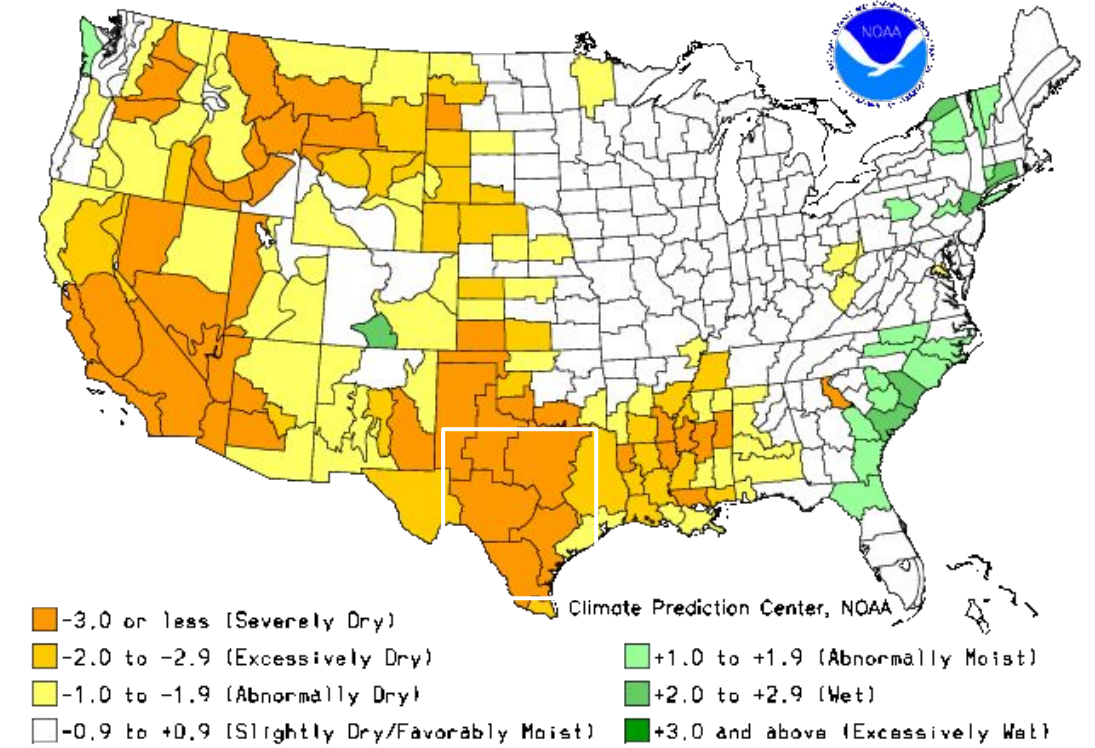
Soil Moisture | Crop Moisture

- Soil moisture is normal across South Texas
- Crop moisture is severely dry across South Texas

Calculated Soil Moisture Ranking Percentile
AUG 31, 2024



Crop Moisture Index by Division
Weekly Value for Period Ending AUG 24, 2024
Short Term Need vs. Available Water in a Shallow Soil Profile





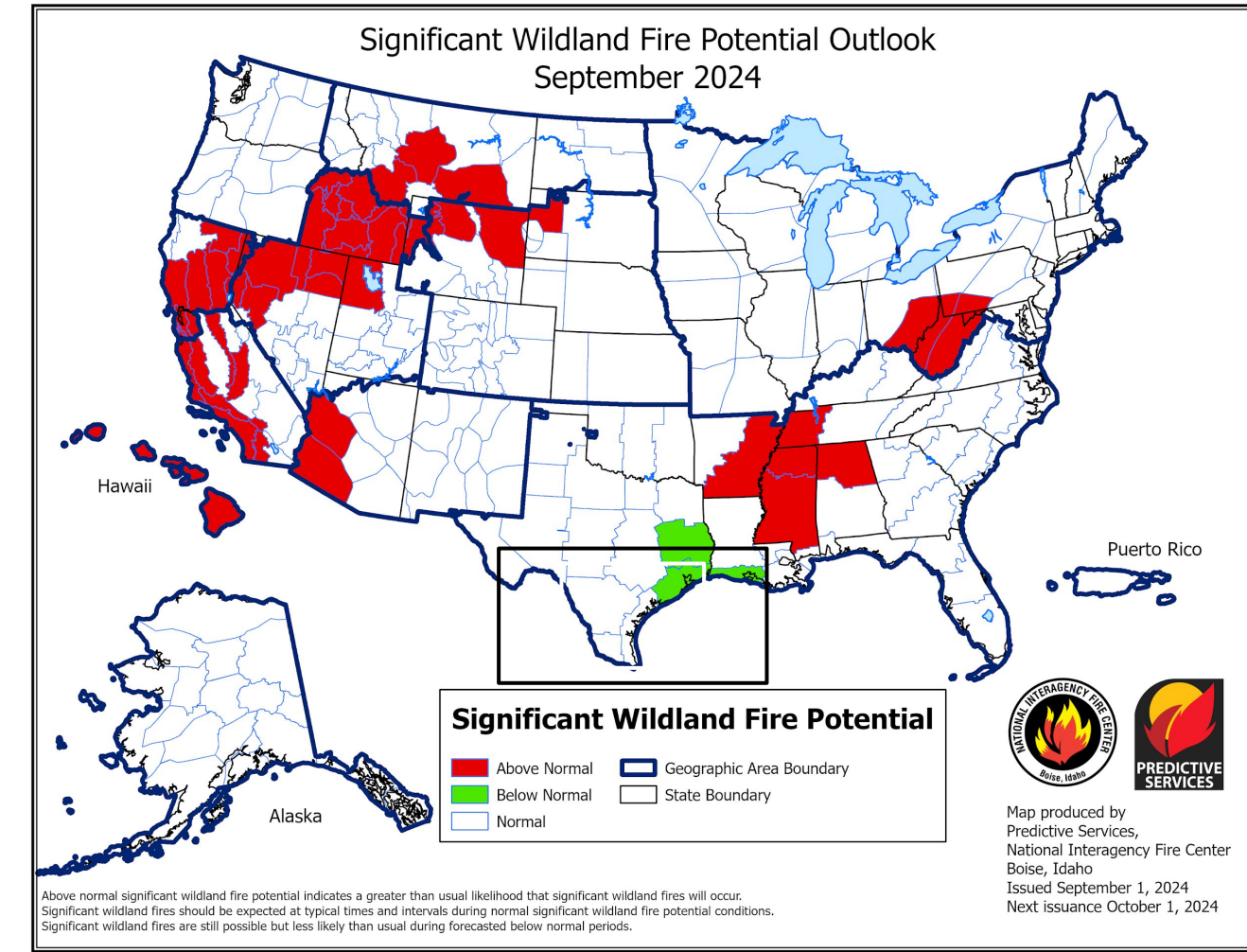
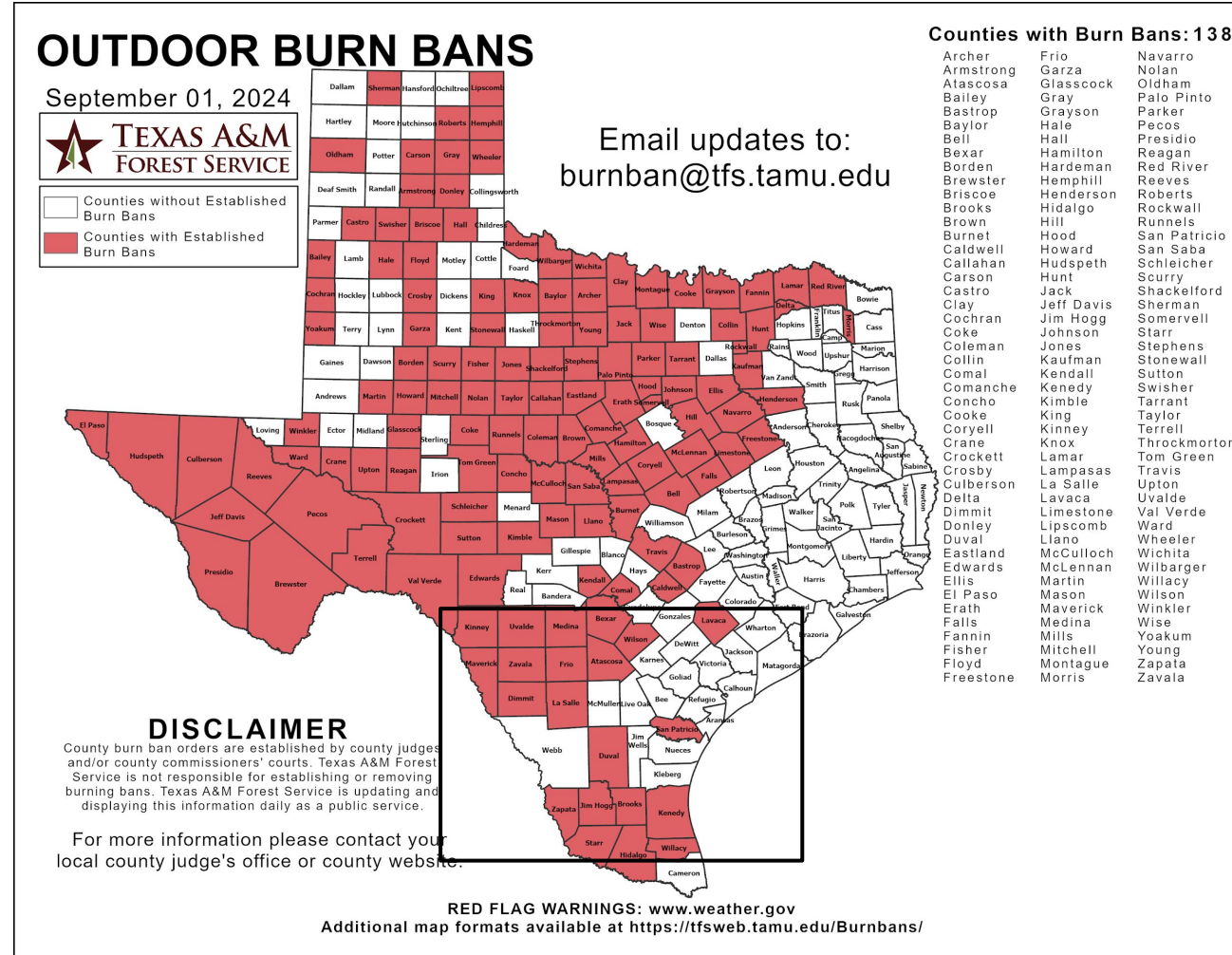
Fire Hazard Impacts

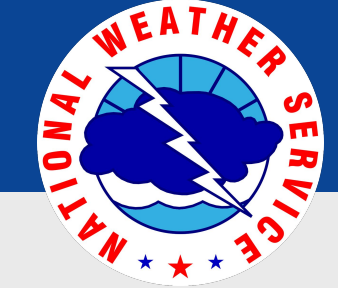
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Link to [Wildfire Potential Outlooks from the National Interagency Coordination Center](#).

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

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



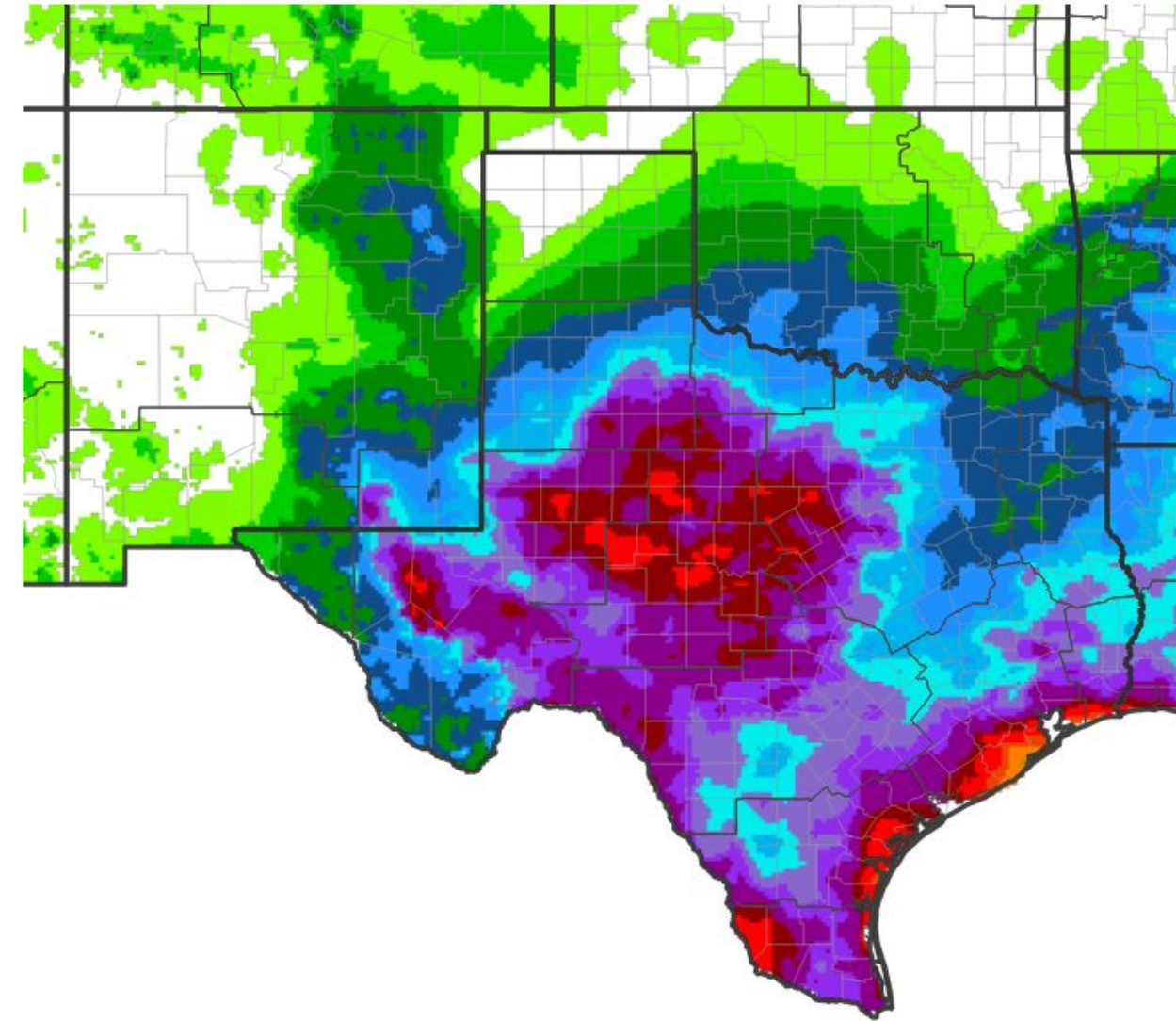


Seven Day Precipitation Forecast

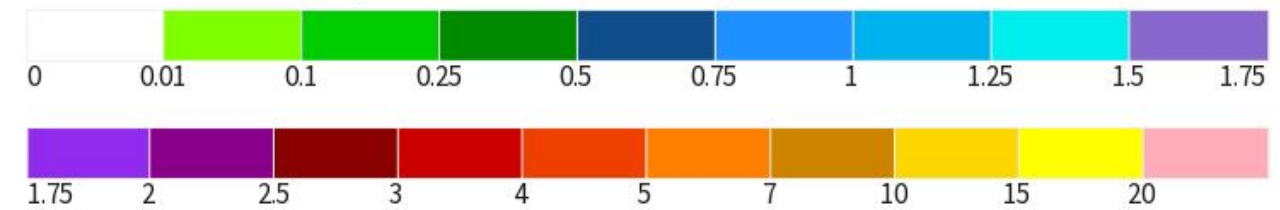
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- Approximately conditions here 1-4” of rain is forecast over the next 7 days

7-Day Quantitative Precipitation Forecast for September 1, 2024–September 8, 2024



Predicted Inches of Precipitation



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

Last Updated: 09/01/24





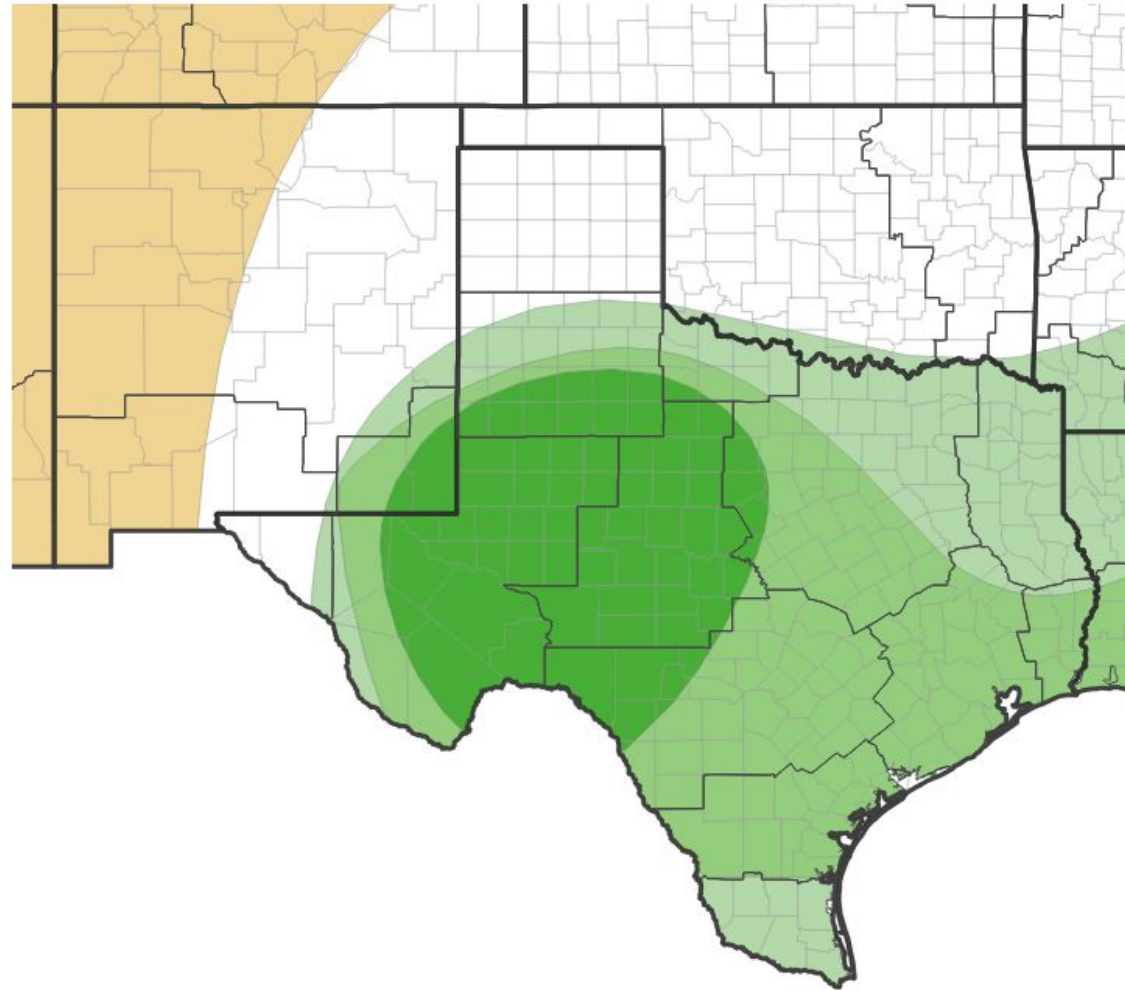
Long-Range Outlooks

September 1, 2024
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The latest monthly and seasonal outlooks can be found on the [CPC homepage](#)

- Slightly above normal chances for precipitation through September
- Slightly above normal chances for temperatures in September

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



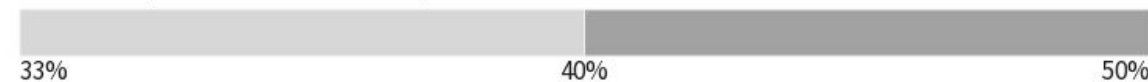
Probability of Below-Normal Precipitation



Probability of Above-Normal Precipitation



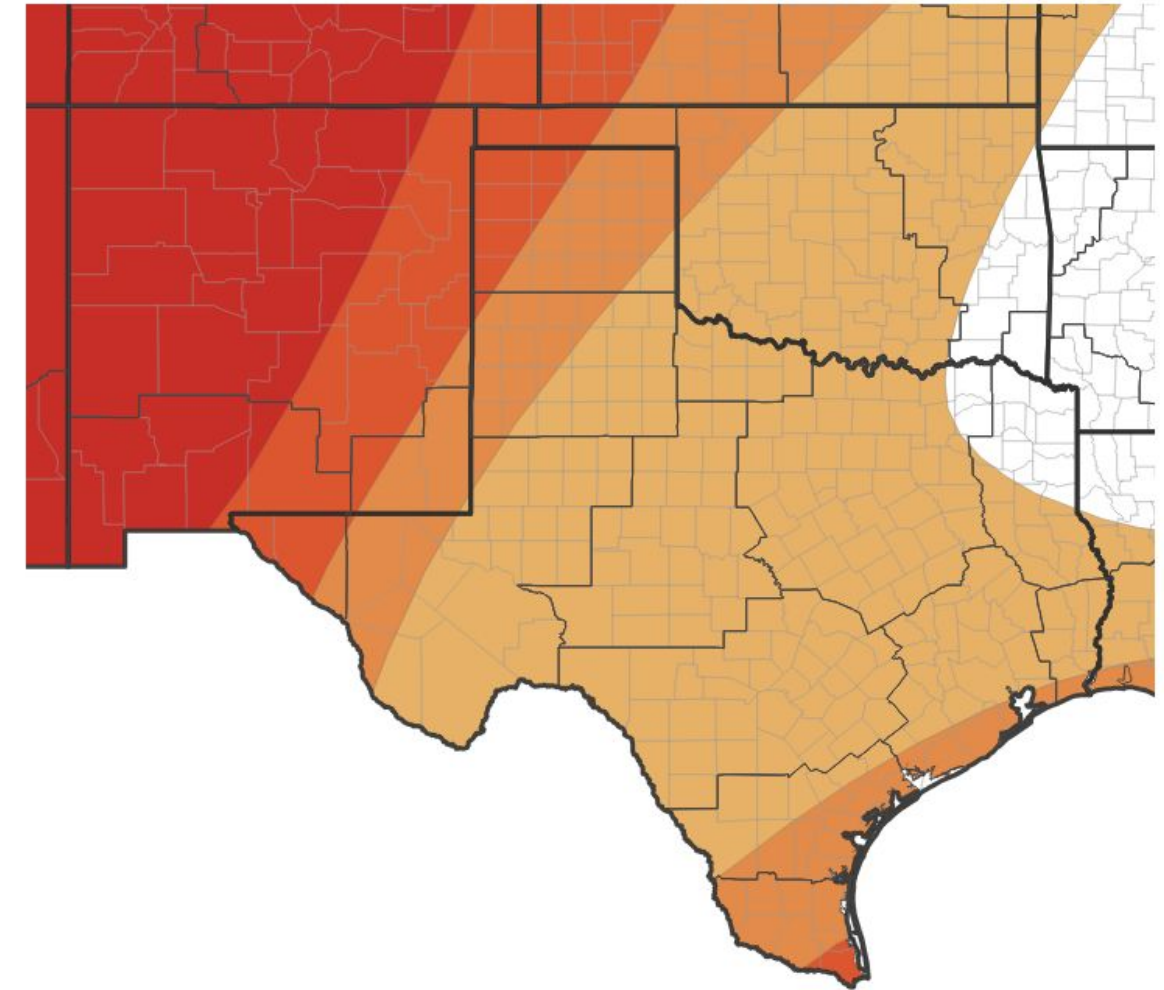
Probability of Near-Normal Precipitation



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

Last Updated: 09/21/24

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



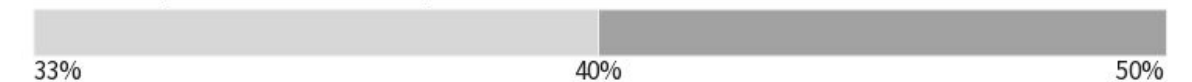
Probability of Below-Normal Temperatures



Probability of Above-Normal Temperatures



Probability of Near-Normal Temperatures



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

Last Updated: 09/21/24





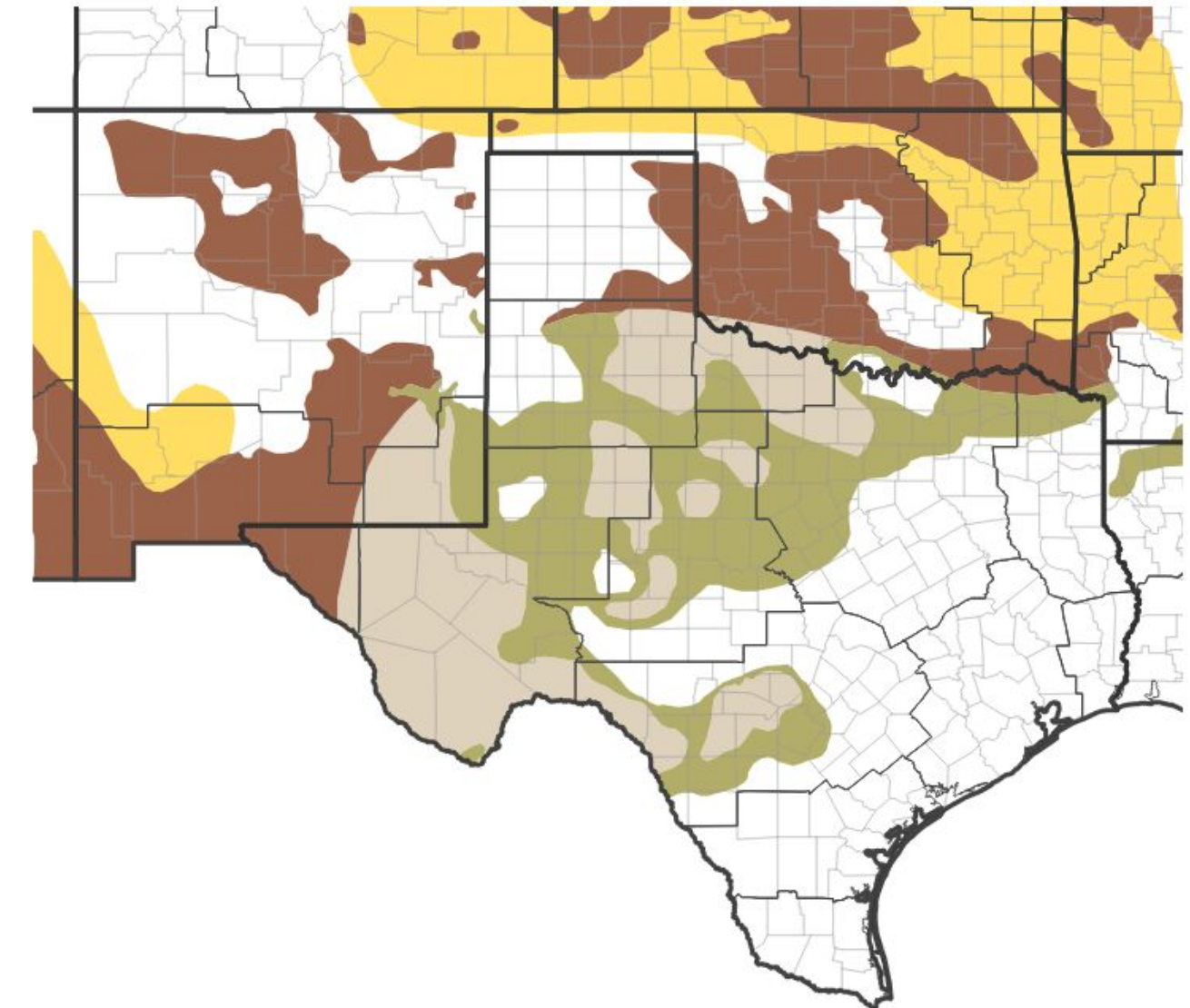
Drought Outlook

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

- Drought conditions are not currently in place and are not expected to develop over the next 3 months.

Seasonal (3-Month) Drought Outlook for August 31, 2024–November 30, 2024



Drought Is Predicted To...



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

Last Updated: 09/31/24

