



Drought Information Statement for South Texas

Valid December 2, 2024

Issued By: NWS Corpus Christi, TX

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

- This product will be updated by January 7, 2025 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..

- Drought continues to expand across the region
- Above normal temperatures persist
- Generally above normal rainfall through December



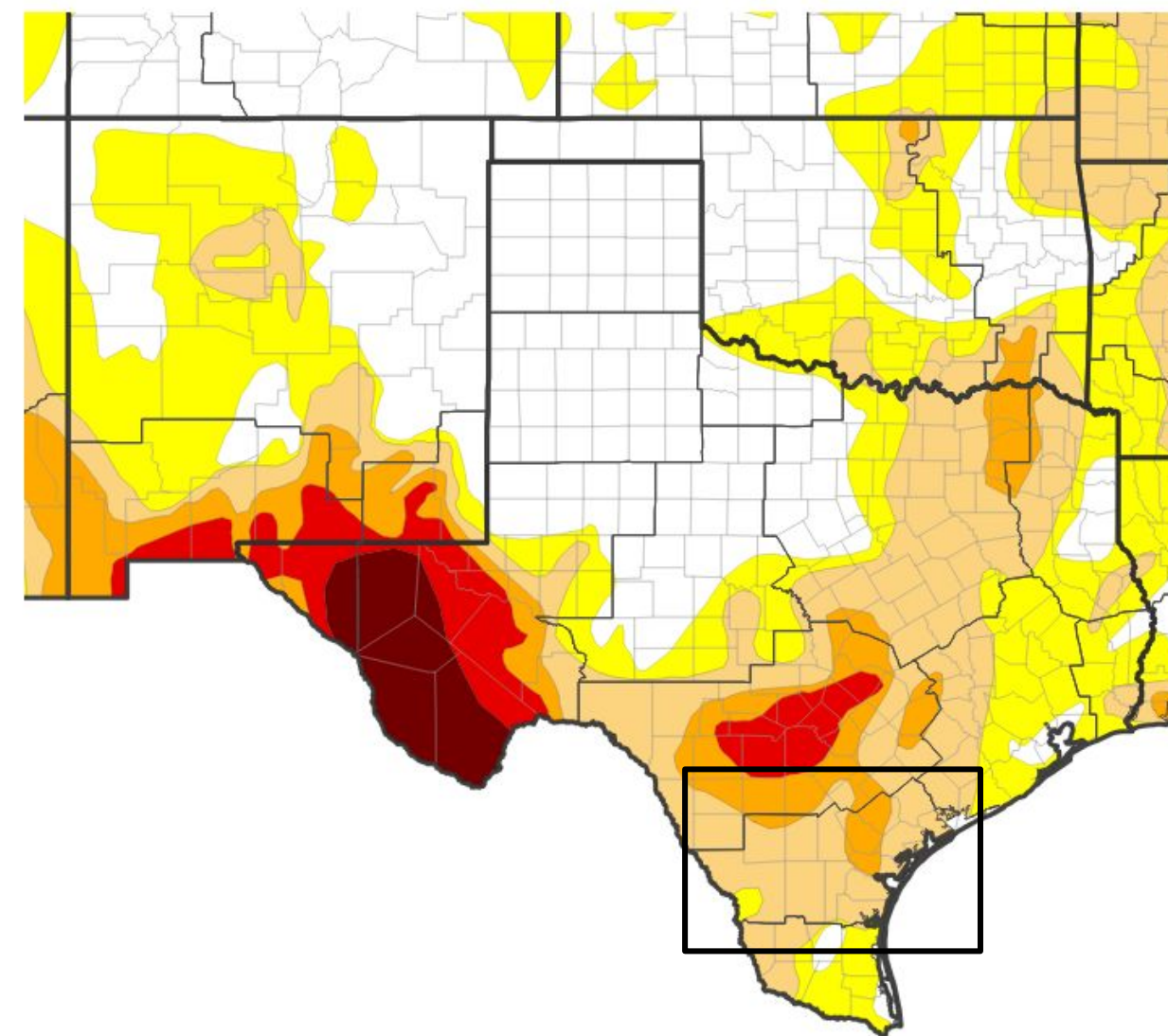
U.S. Drought Monitor

December 2, 2024
12:06 AM

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

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

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 11/28/24



National Oceanic and
Atmospheric Administration
U.S. Department of Commerce

National Weather Service
Corpus Christi, TX

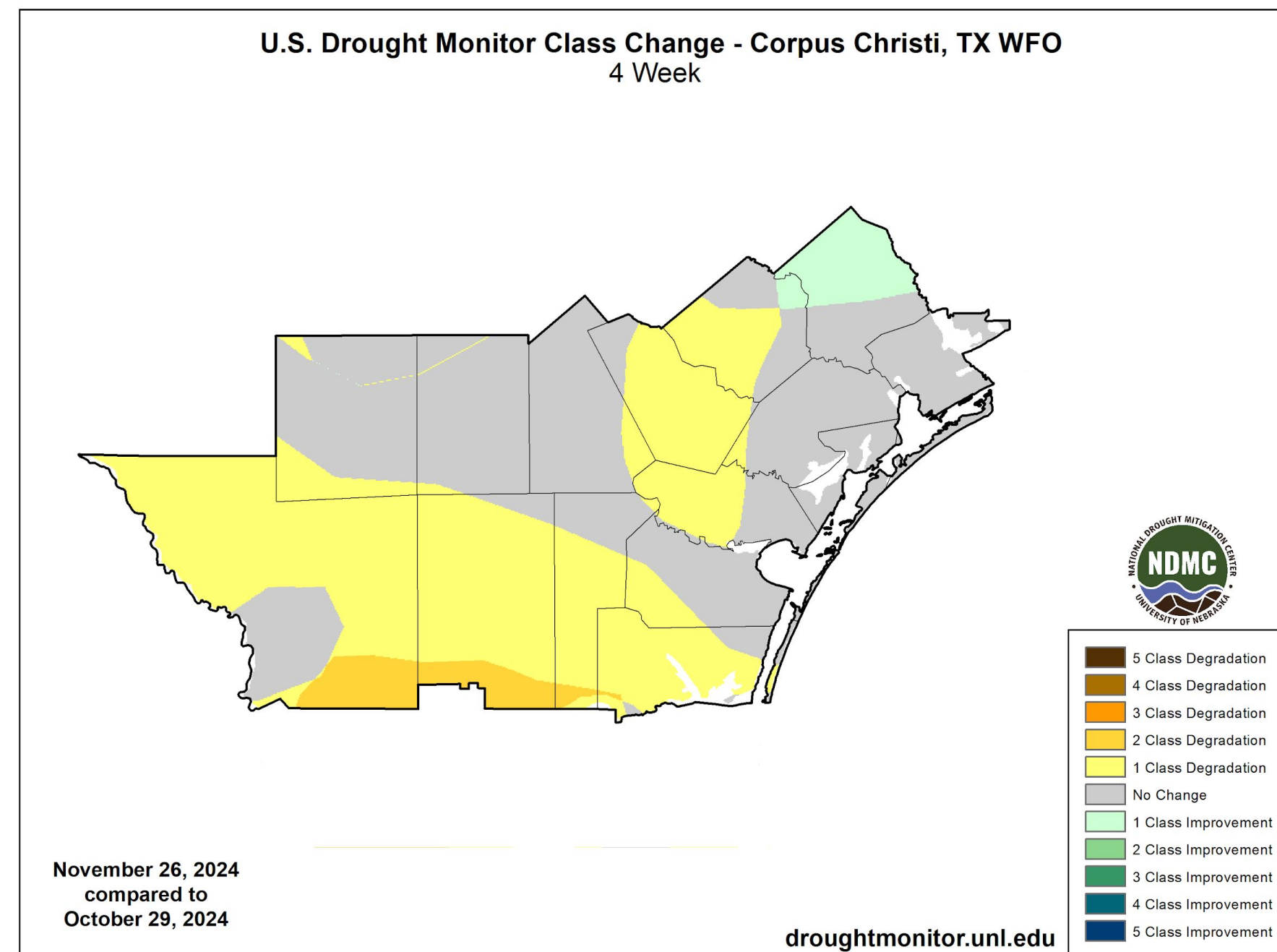


Recent Change in Drought Intensity

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

- Four Week Drought Monitor Class Change.
 - Drought Worsened: Portions of all Webb, Duval, Jim Wells and Kleberg counties
 - No Change: Portions of La Salle, McMullen, Live Oak, Bee, Goliad, Victoria, Calhoun, Refugio, Aransas, San Patricio, Nueces, Kleberg, Jim Wells, Duval and Webb counties
 - Drought Improved: Portions of Goliad and Victoria counties



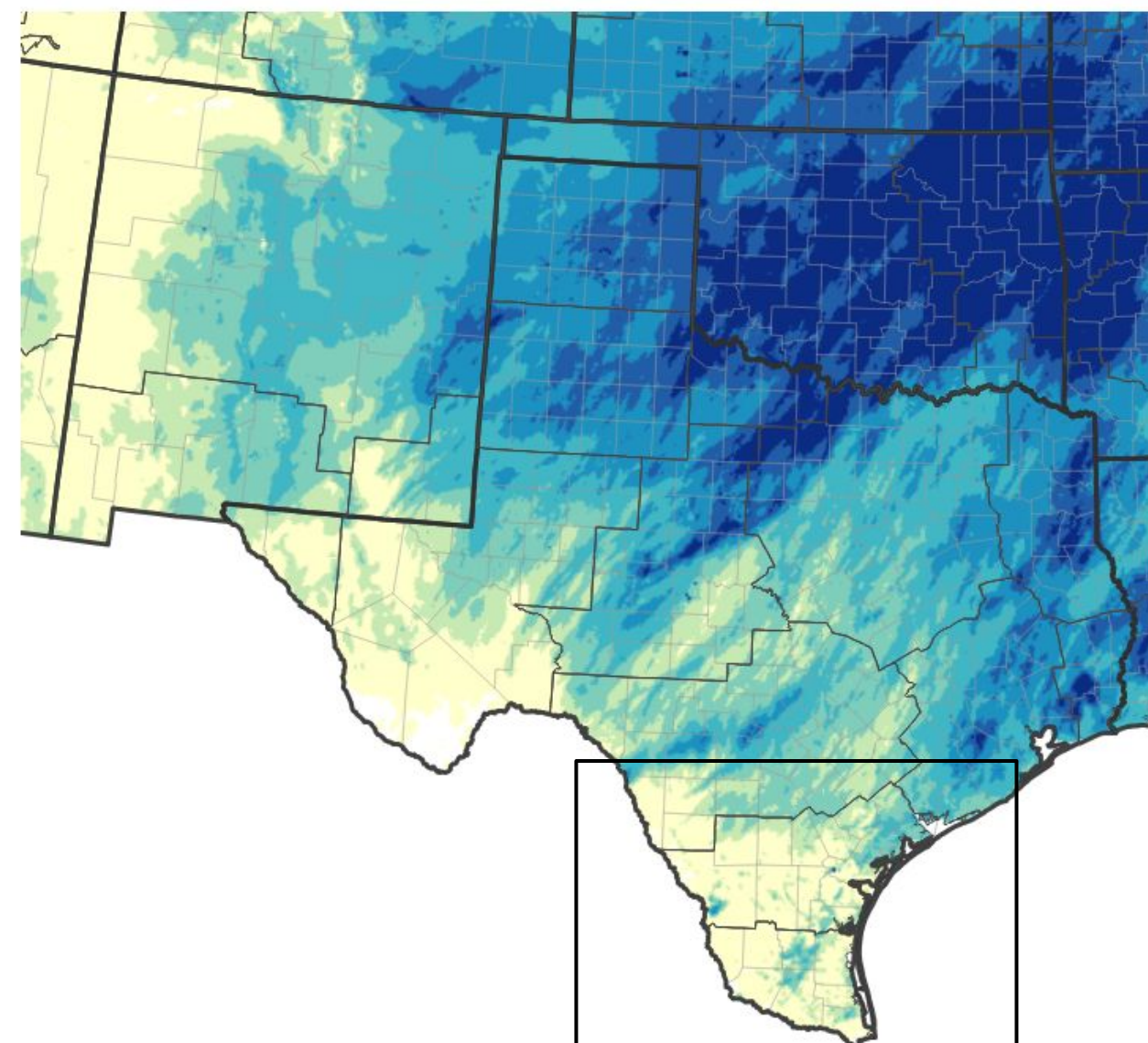


Precipitation

South Texas Rainfall

- Well below normal rainfall for all of South Texas
- Little rainfall through the month. However, a few locations received several inches

30-Day Precipitation Accumulations (Inches)



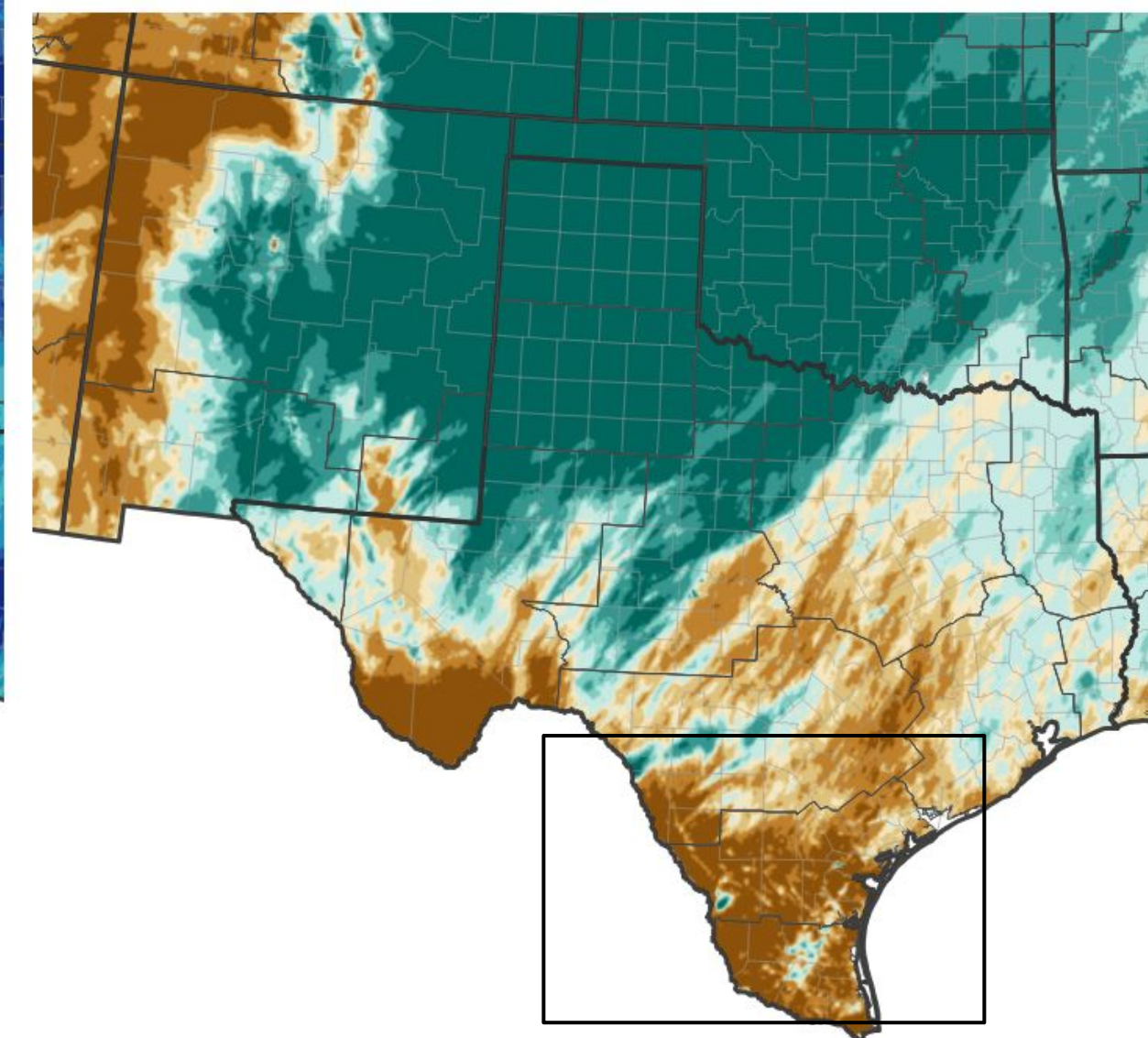
Inches of Precipitation



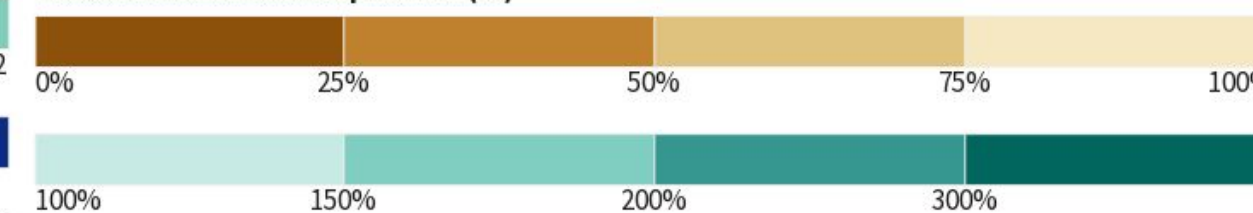
Source(s): National Weather Service Multi-Radar Multi-Sensor System;
image courtesy of Drought.gov

Last Updated: 12/01/24

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: 12/01/24

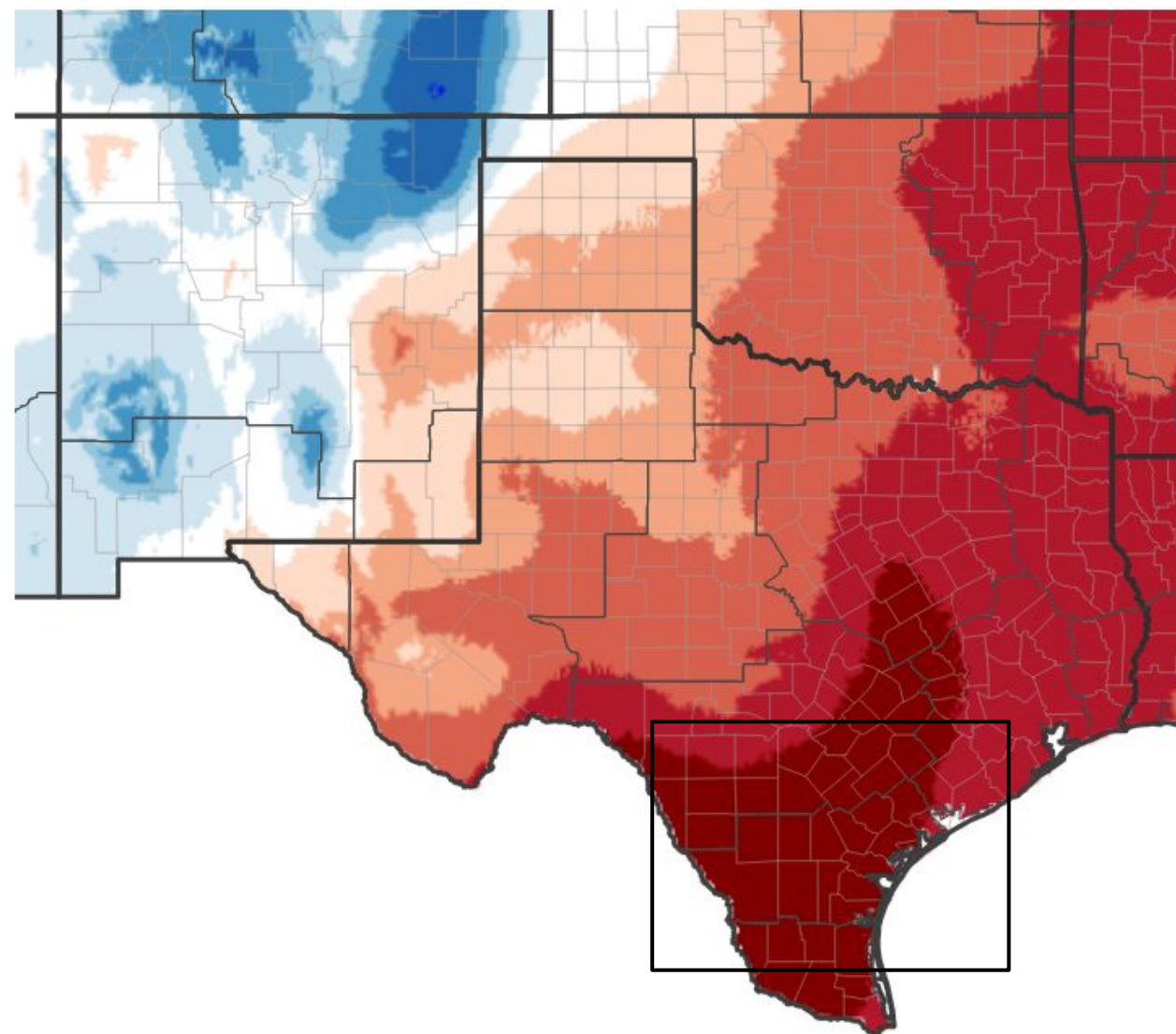


Temperature

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- Above to well above normal temperatures over the last 7 and 30 days.

7-Day Temperature Anomaly



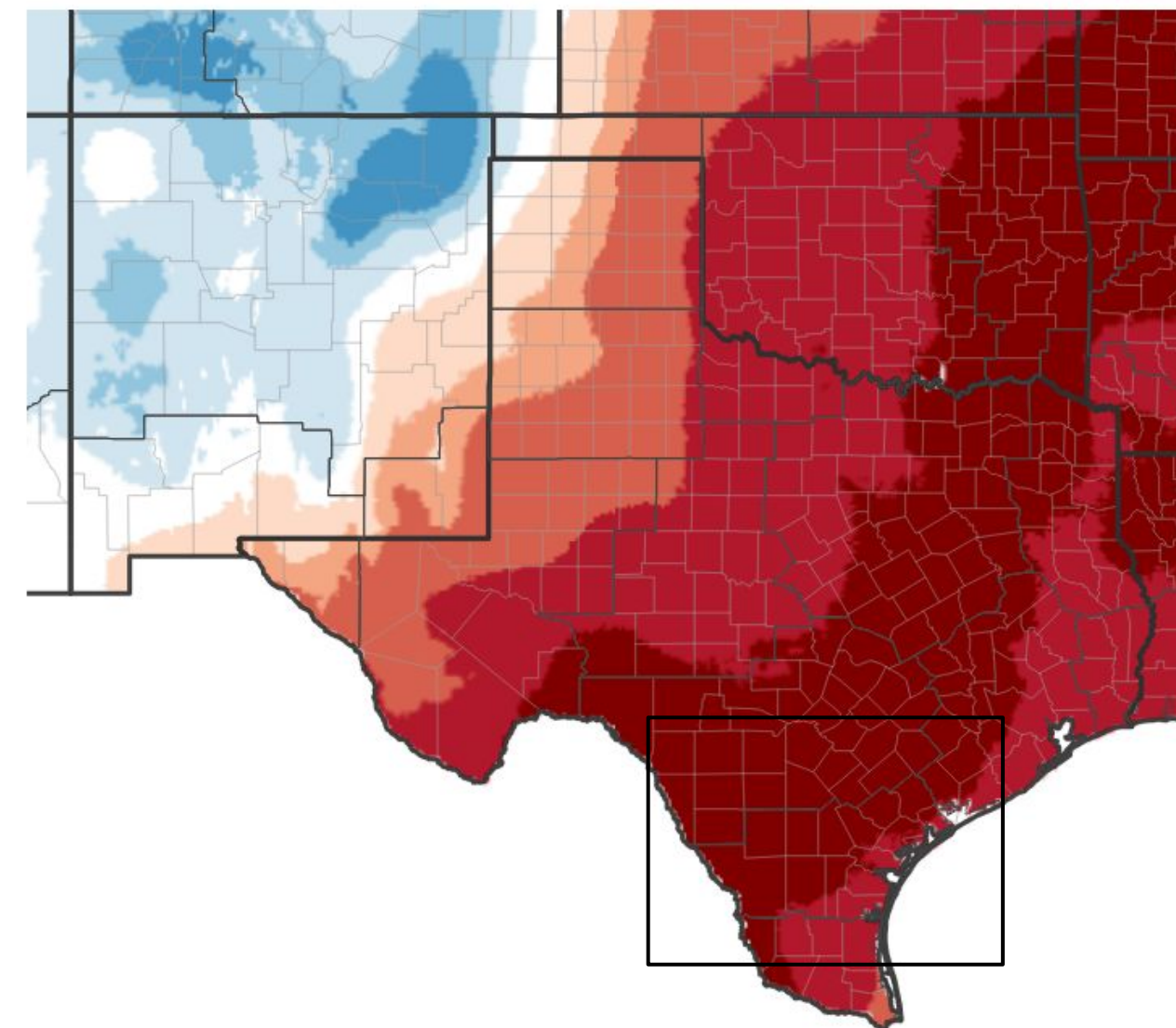
Departure from Normal Max Temperature (°F)



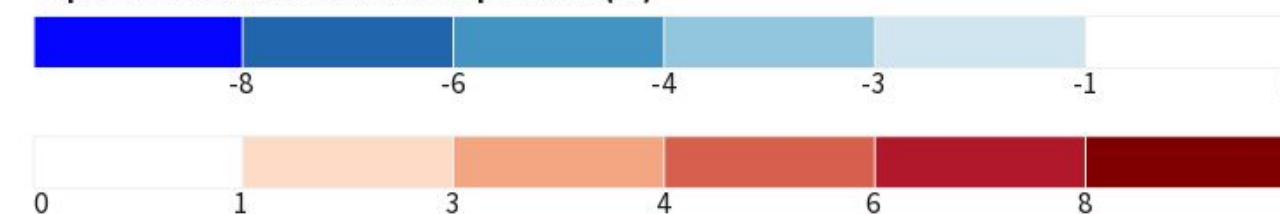
Source(s): NOAA's National Centers for Environmental Information; image courtesy of Drought.gov

Data Valid: 11/21/24

30-Day Temperature Anomaly



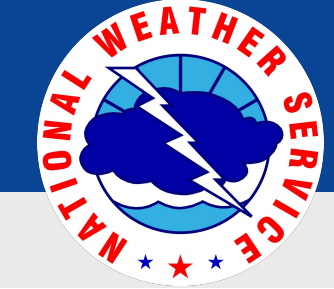
Departure from Normal Max Temperature (°F)



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

Data Valid: 11/21/24





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: Scattered showers brought about 1 inch of rain to some areas of Coastal Bend, but field conditions remained very dry. Pastures continued to deteriorate rapidly, with many ranchers already feeding hay and protein due to poor nutritional forage quality. Fall fieldwork, including stalk destruction and row preparation, continued at a slow pace, especially on heavy clay soils. Hay fields were not growing due to the lack of moisture, and ryegrass and winter pasture planting were delayed until more moisture arrives. Cattle were in good condition and prices remained high, but hay feeding was necessary.
- South: Deteriorating rangeland conditions in South Texas. Conditions were very dry in South Texas. Spotty showers occurred with no measurable amount of rain in some areas. Soil moisture levels were very short to short. Ranchers continued to manage water resources carefully to support livestock and vegetation recovery. Peanuts and sesame were being harvested. Strawberry planting was winding down, and it looked like about 20% of the crop would need to be replanted. Some row crop producers began preparation for the upcoming growing season. Cool-season vegetables progressed well and benefited from the recent rains. Producers planted leafy greens, cabbage and onions. Citrus harvest began for certain varieties, and others will follow in the next few months. Forages continued to decline in quality. A few irrigated hay fields were producing bales. Pecan yields were low due to the lack of water. Plenty of low-cost hay was available across the county. The recent rainfall helped heat-stressed corn. Rangeland conditions were declining, and some brush species were dropping leaves. Supplemental feeding for livestock continued. Local markets continued to report average volumes and steady prices for all classes of beef cattle. Beef cattle were still in good condition, and producers supplemented with protein to offset the decline in forage quality. Stock tank levels remained a concern to producers across the county, with a slight increase in herd reduction.





Summary of Impacts

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

Fire Hazard Impacts

- Above normal fire danger at this time

Other Impacts

- Corpus Christi under stage 2 water restrictions (<https://www.cctexas.com/>)
- Portland under stage 2 water restrictions (<https://www.portlandtx.com/399/Drought-Management-Plan>)
- 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>)
- Rockport under stage 2 water restrictions (<https://www.rockporttx.gov/ArchiveCenter/ViewFile/Item/3440>)
- Other South Texas communities under restrictions can be found [here](#)

Mitigation Actions

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



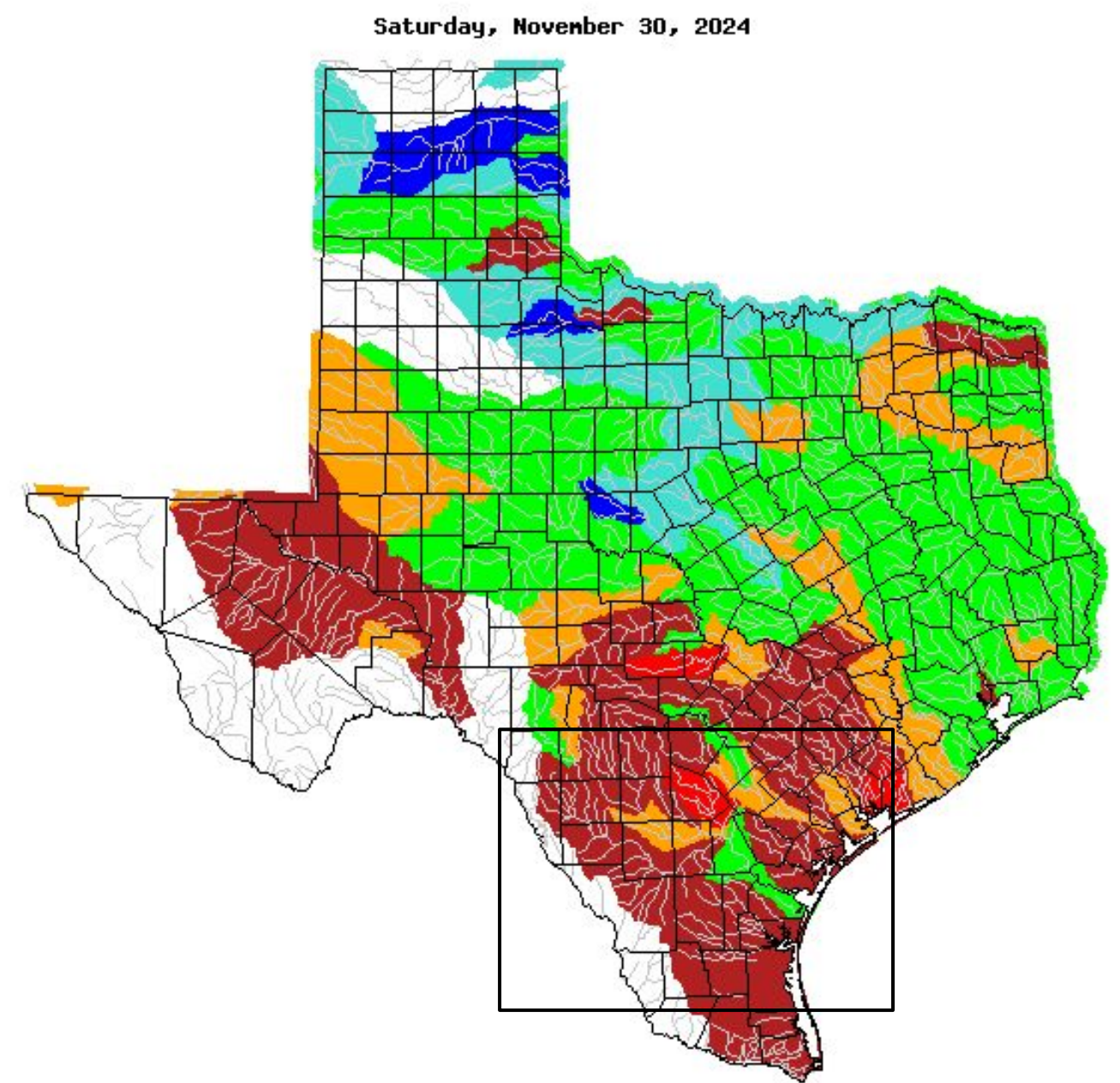


Hydrologic Conditions and Impacts

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[USGS 7-Day Avg Streamflow](#) | [Texas Reservoirs](#)

- Flows are below to much below normal across much of the region. However, a few select locations are near normal.



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	187.75
Lake Corpus Christi	94.0	81.88
Lake Texana	44.0	39.70
Coleta Creek	98.0	94.92
Canyon Lake	909.0	881.54
Lake Amistad	1117.0	1051.11

Reservoir values as of Dec 2, 2024





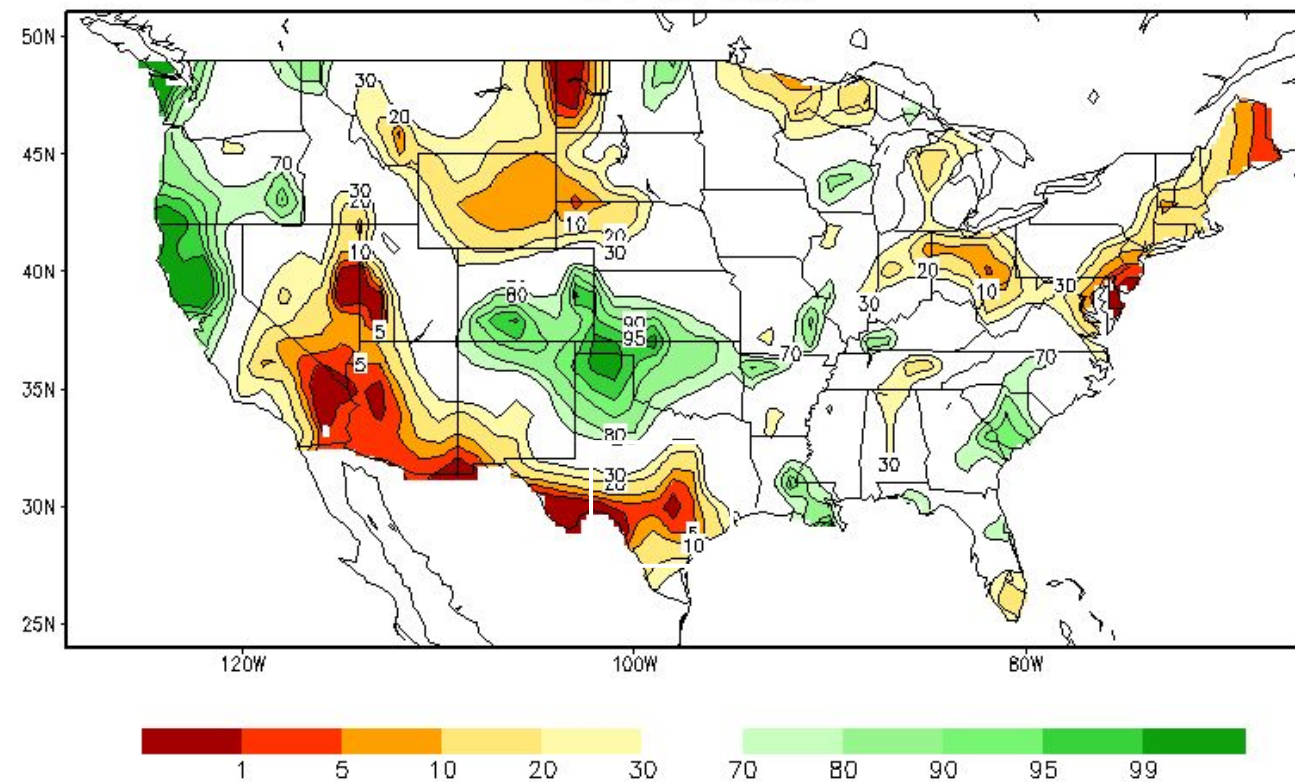
Agricultural Impacts

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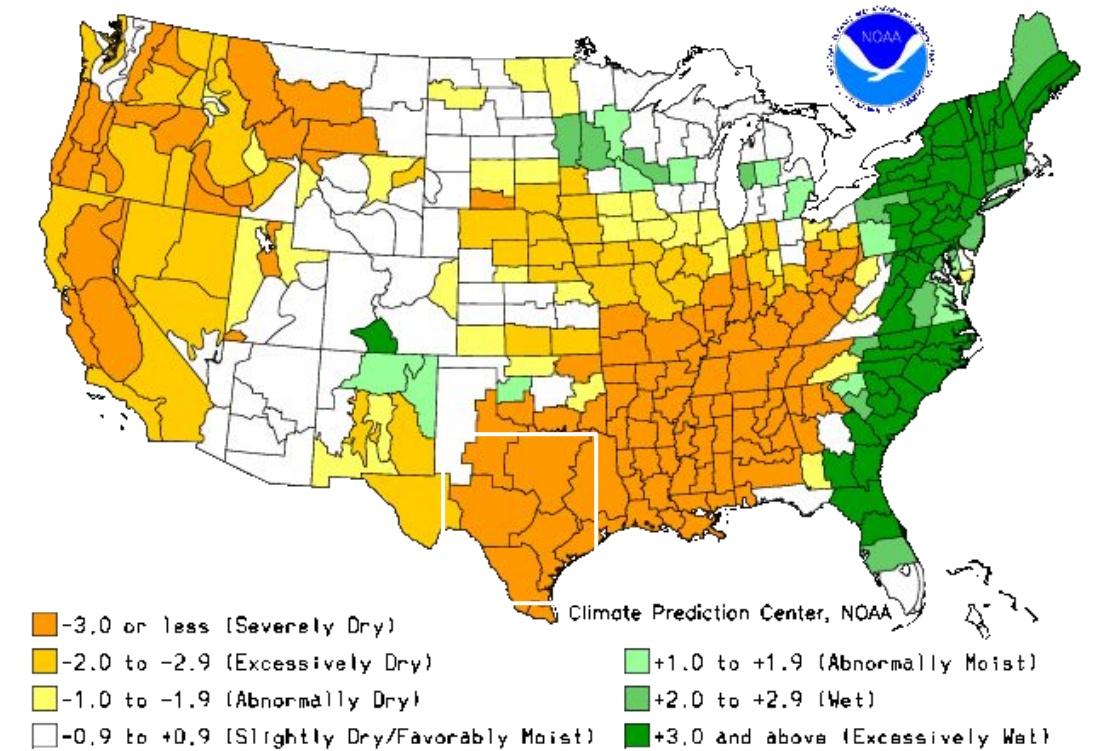
Soil Moisture | Crop Moisture

- Soil moisture is below normal across the region.
- Crop moisture is severely dry across South Texas

Calculated Soil Moisture Ranking Percentile
NOV 30, 2024



Crop Moisture Index by Division
Weekly Value for Period Ending OCT 26, 2024
Short Term Need vs. Available Water in a Shallow Soil Profile



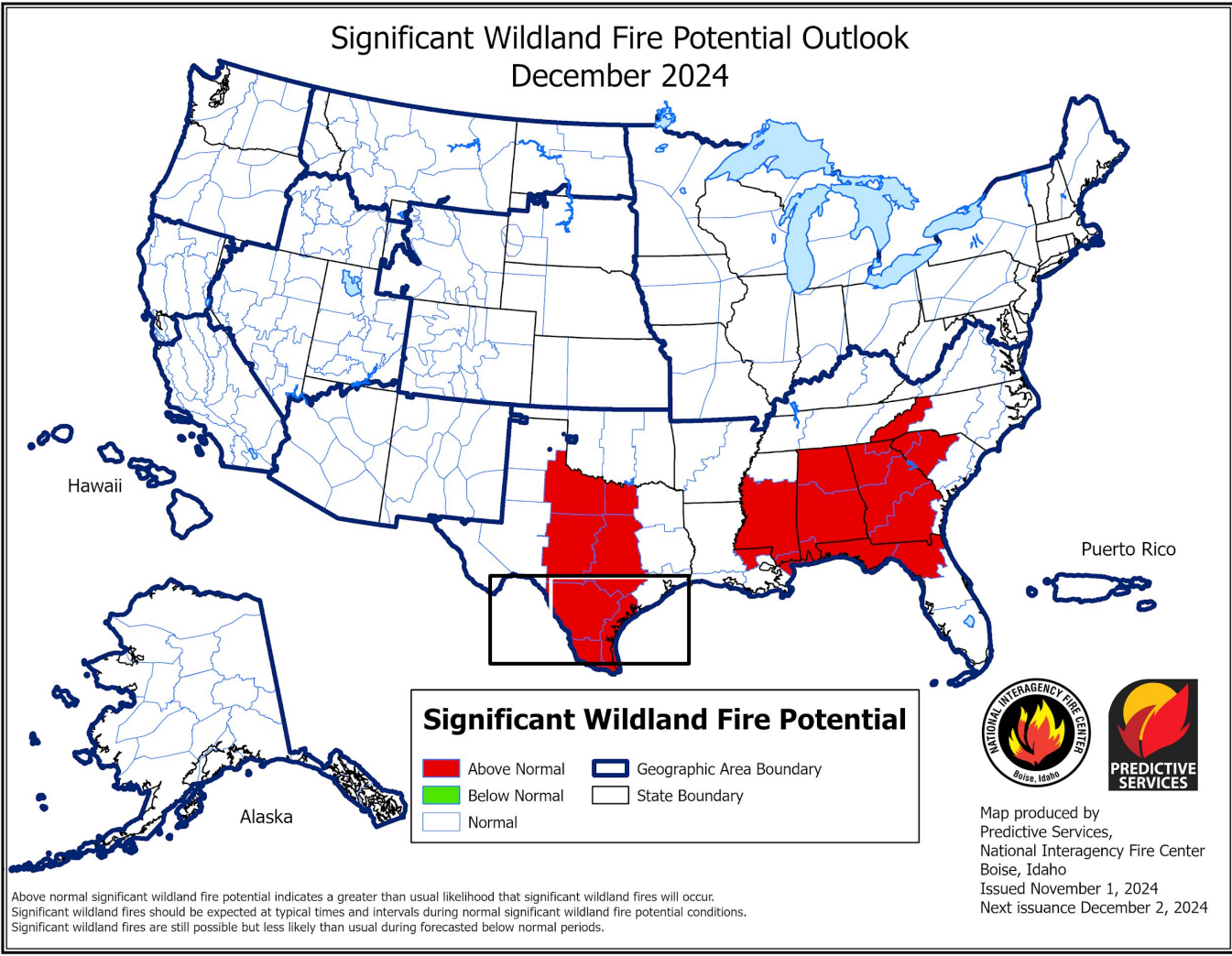
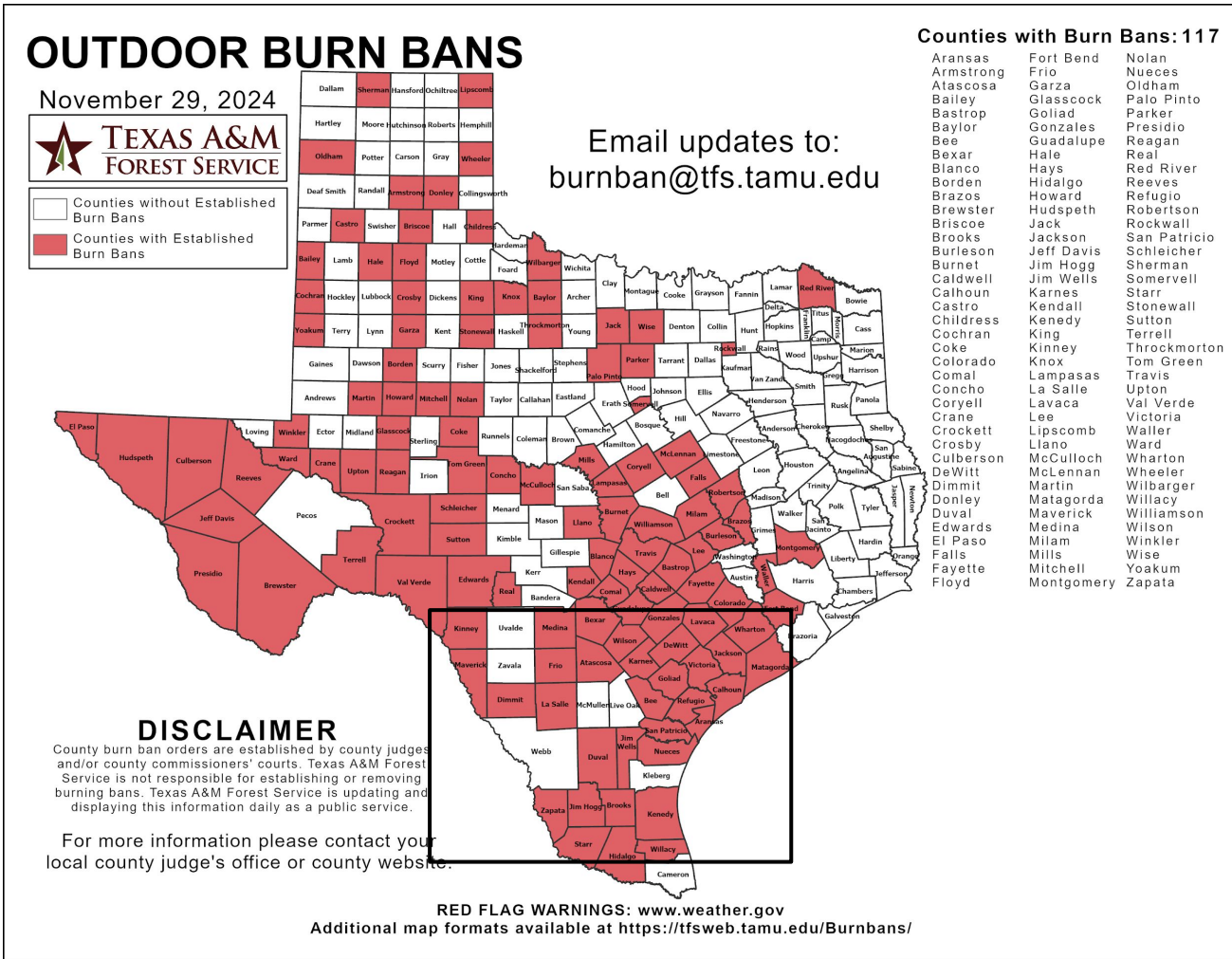


Fire Hazard Impacts

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

- Burn Bans in place across most of South Texas
- Above Normal significant wildfire potential through December

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



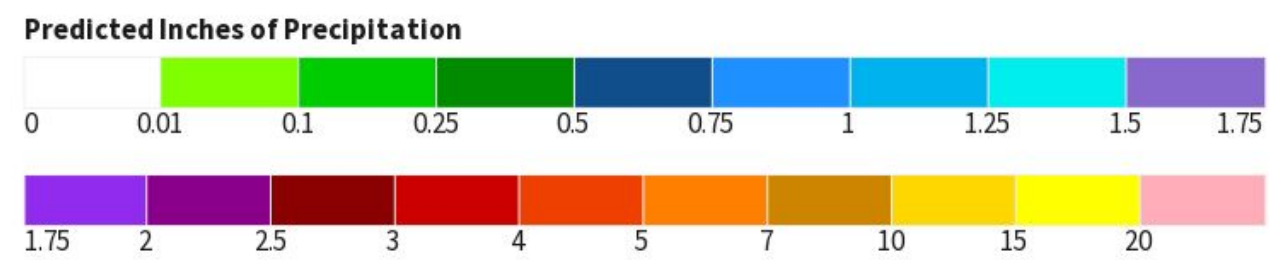
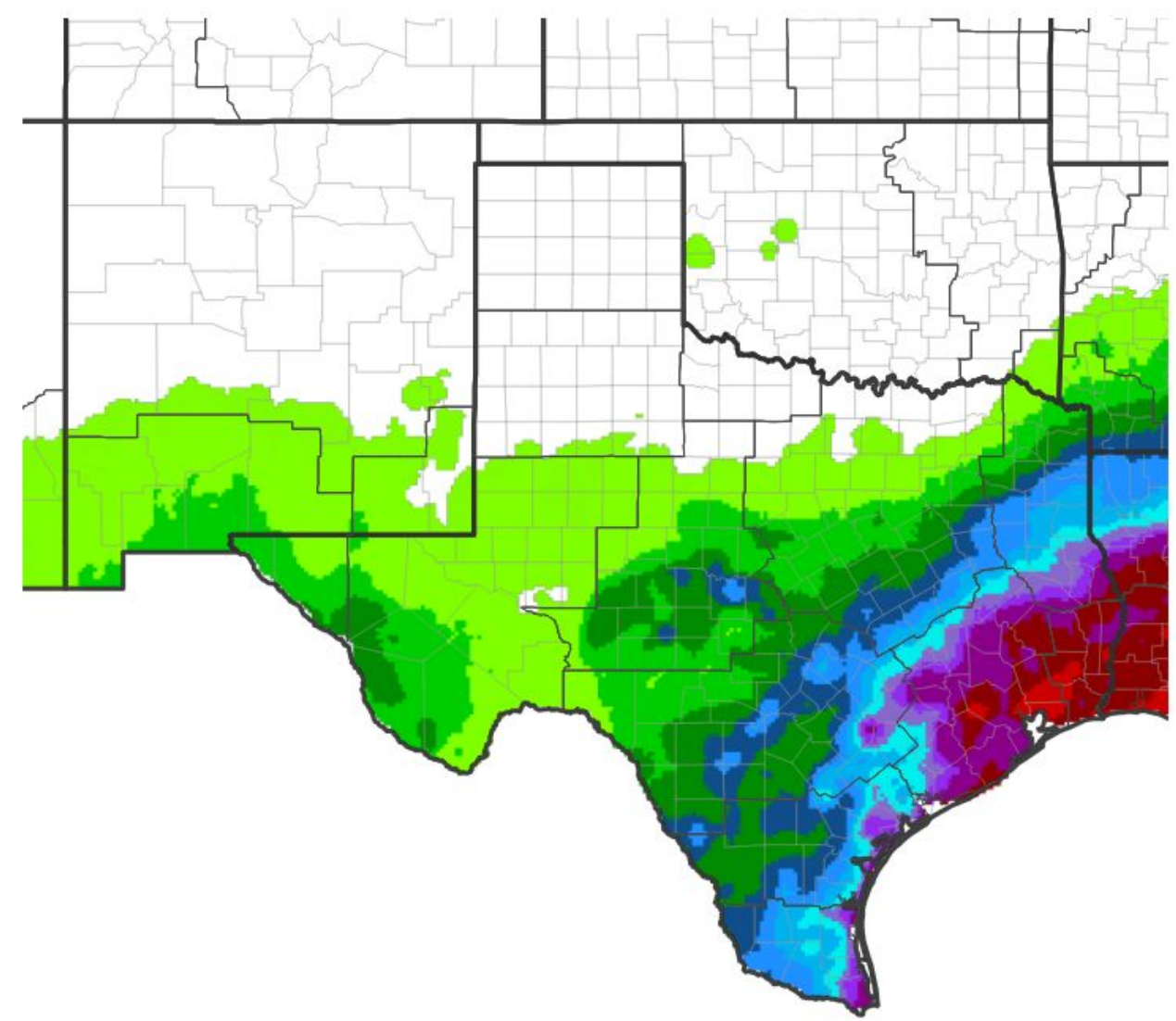


Seven Day Precipitation Forecast

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- Approximately conditions here 1-2” of rain is forecast over the next 7 days

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



Source(s): National Weather Service Weather Prediction Center; image courtesy of Drought.gov Last Updated: 12/01/24



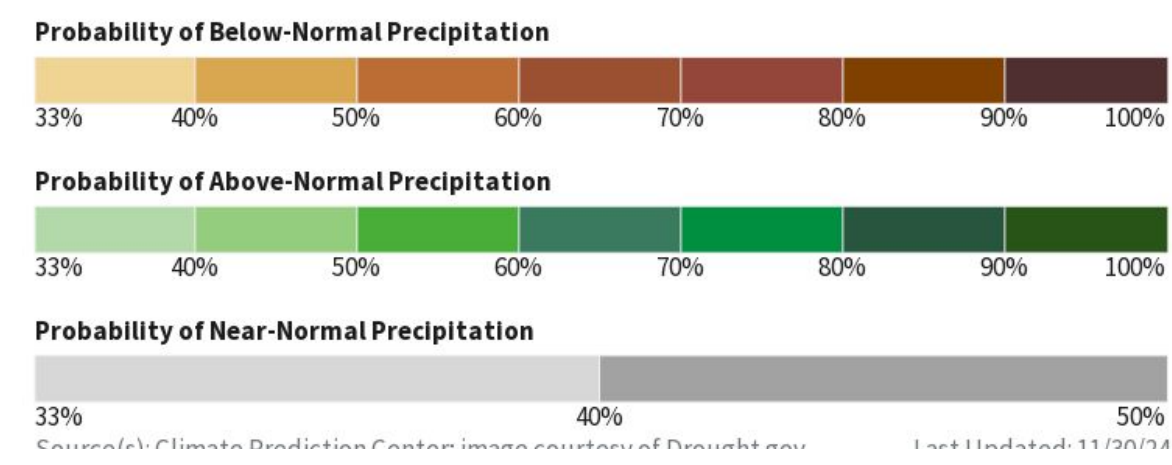
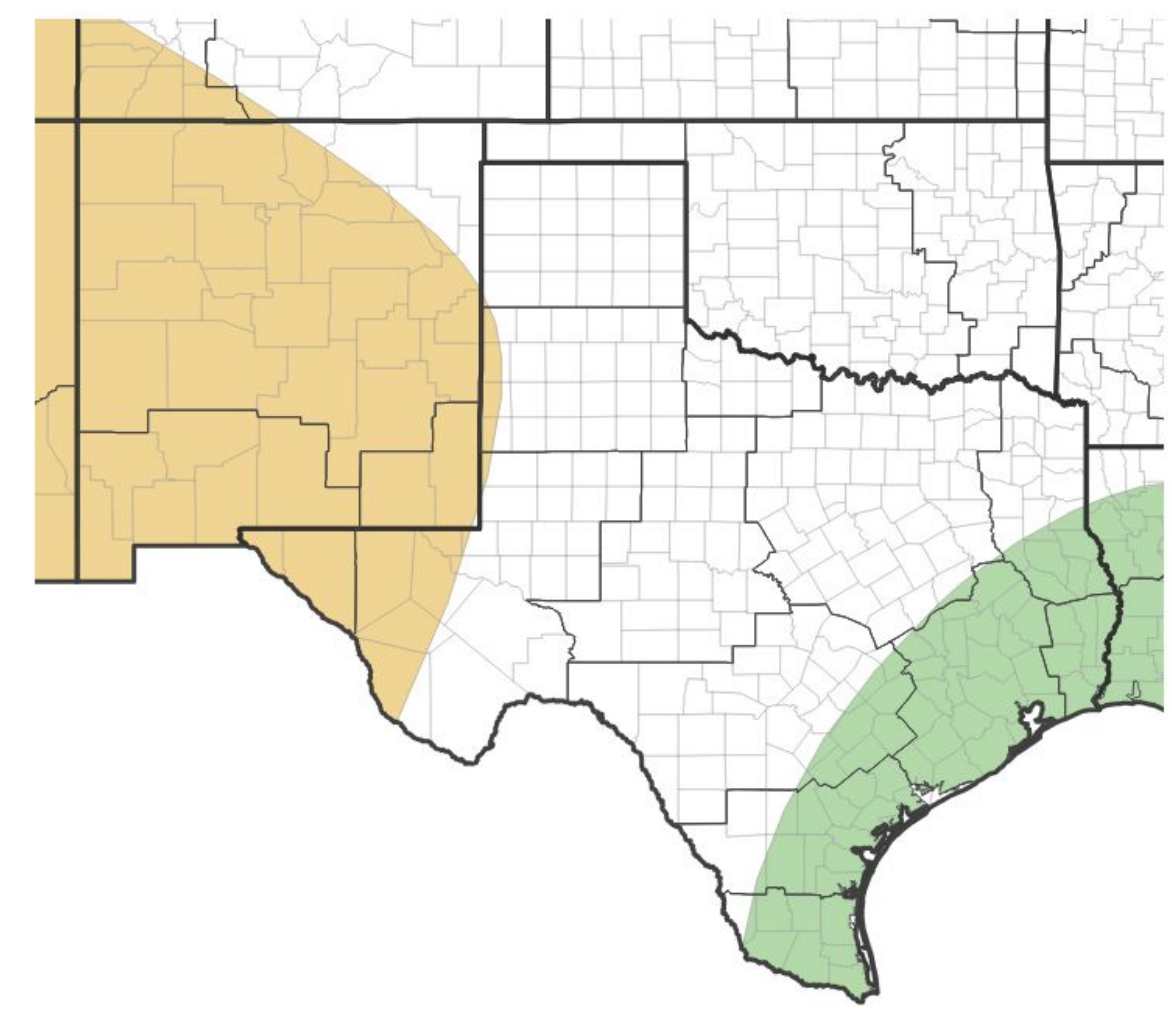


Long-Range Outlooks

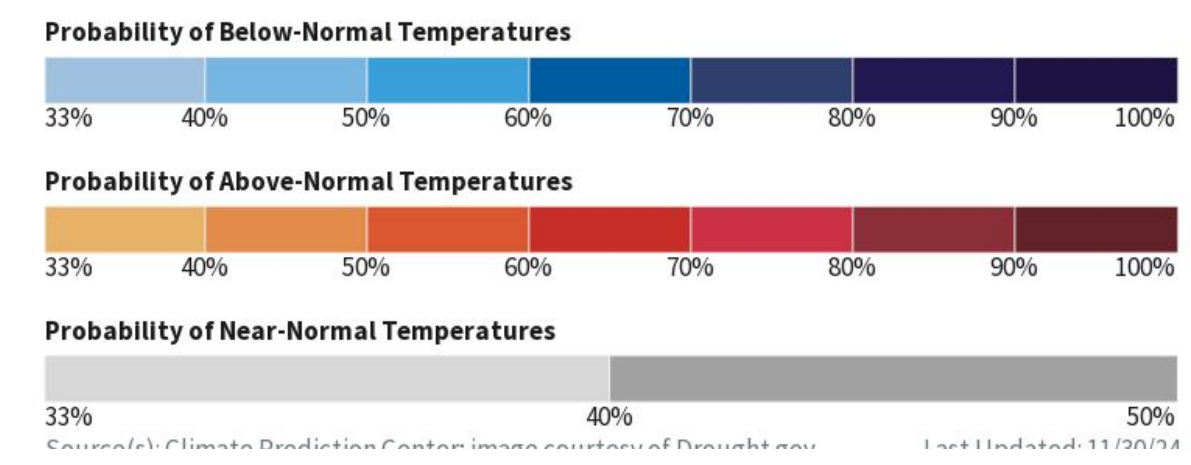
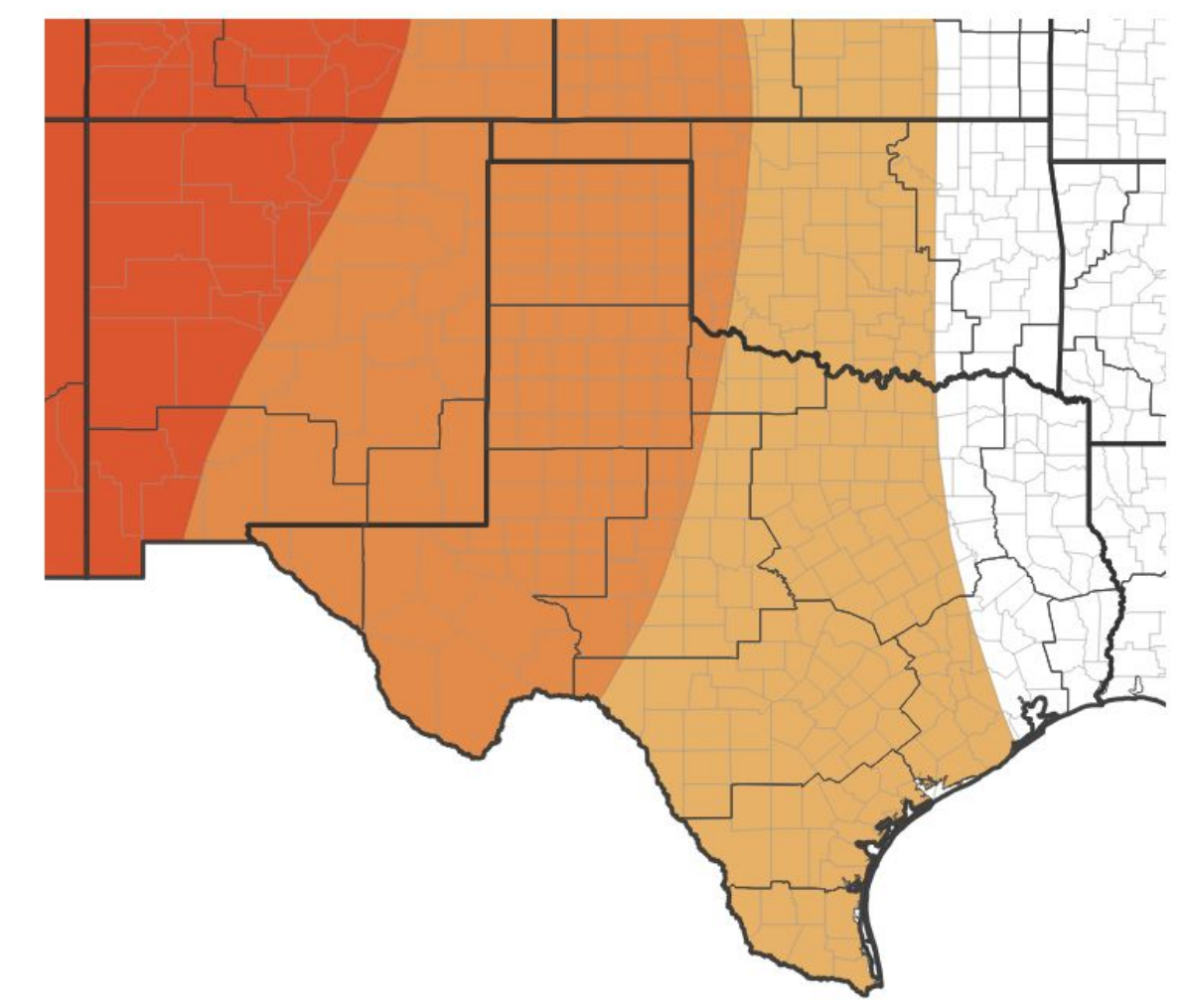
The latest monthly and seasonal outlooks can be found on the [CPC homepage](#)

- Equal to above normal chances for above/below normal precipitation through December
- Above normal temperatures expected through December

Monthly Precipitation Outlook for December 1, 2024–December 31, 2024



Monthly Temperature Outlook for December 1, 2024–December 31, 2024





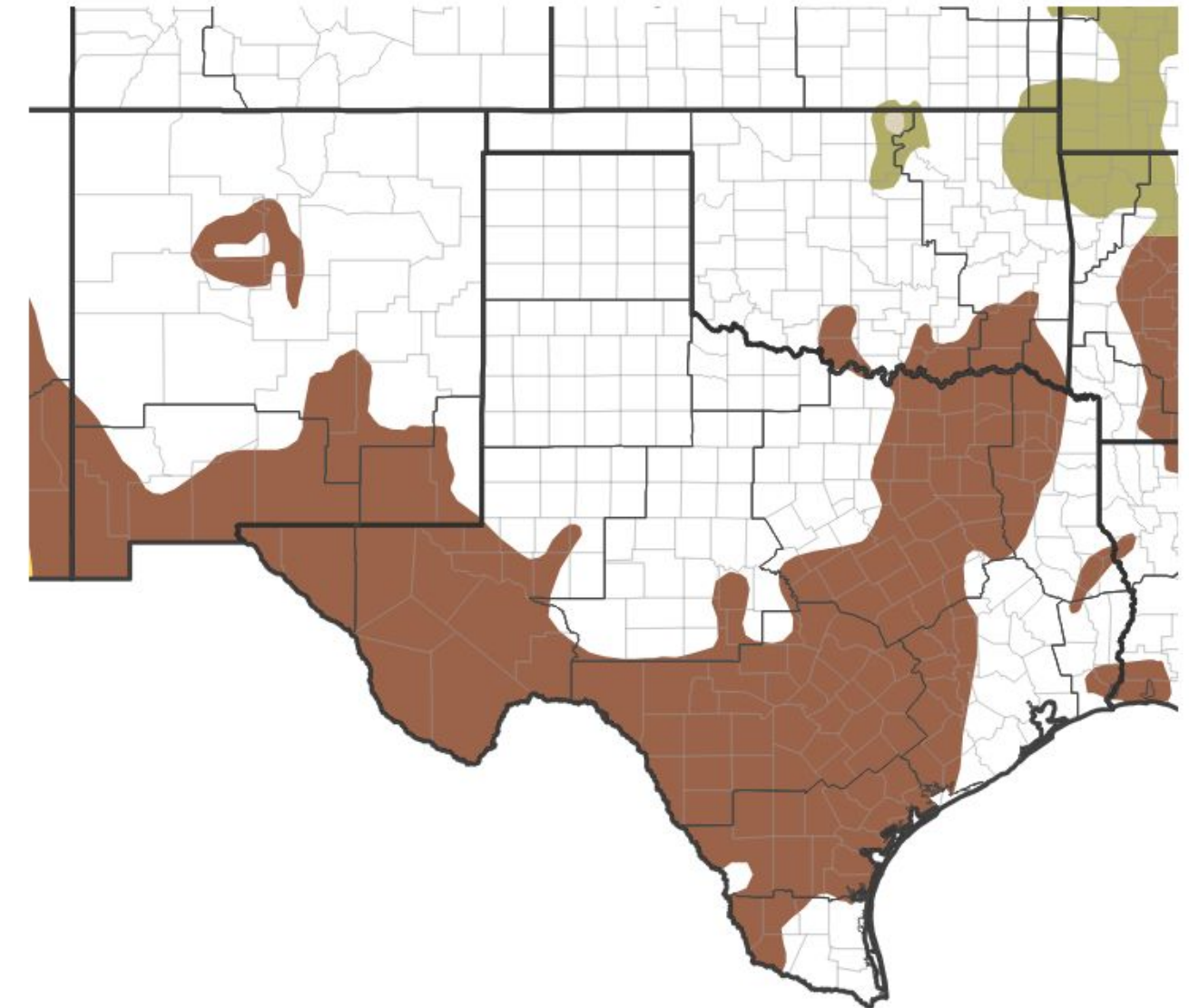
Drought Outlook

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

- Drought conditions are expected to persist across South Texas over the next few months.

Seasonal (3-Month) Drought Outlook for November 30, 2024–February 28, 2025



Drought Is Predicted To...



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

Last Updated: 11/20/24



National Oceanic and
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U.S. Department of Commerce

National Weather Service
Corpus Christi, TX