

Drought Information Statement for Deep South Texas

Valid May 22, 2025

Issued By: NWS Brownsville/Rio Grande Valley, TX

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

- This product will be updated around June 6, 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/bro/DroughtInformationStatement> for previous statements
- Please visit <https://www.drought.gov/drought-status-updates> for regional drought status updates

- **Severe Drought Conditions Persist Across Northern Portions of Zapata and Jim Hogg Counties**
- **Abnormally Dry Conditions Persist Across the Upper to Mid Rio Grande Valley**



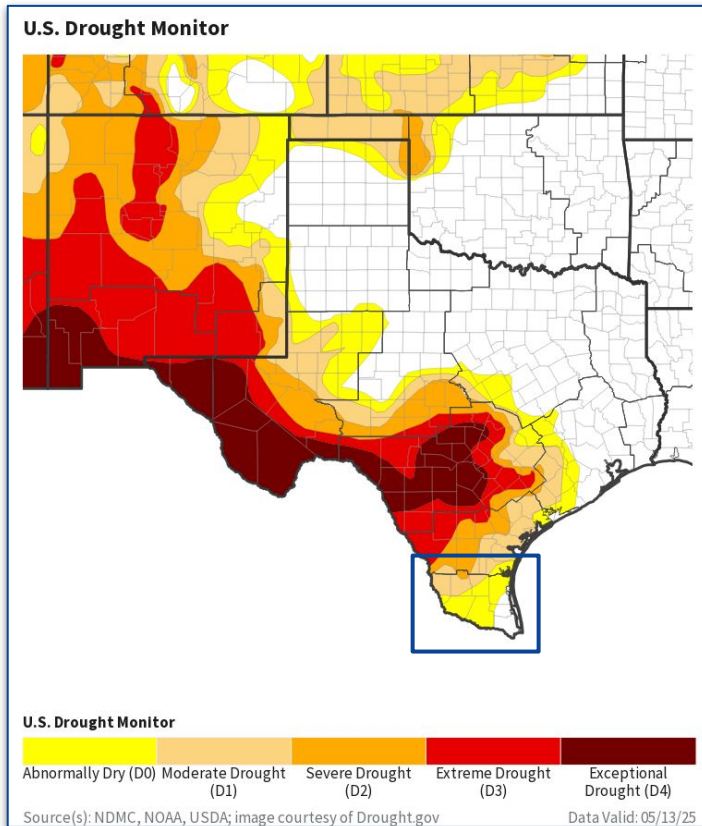


U.S. Drought Monitor

[Latest U.S. Drought Monitor](#) | [Latest Drought Monitor for Deep South Texas](#)

Drought Intensity and Extent

- **Severe Drought (D2)** conditions are still being observed across just over 2% of Deep South Texas, including portions of northwestern Zapata and northern Jim Hogg.
- **Moderate Drought (D1)** conditions are being observed across nearly 23% of Deep South Texas, including most of Zapata, Jim Hogg, and northwestern Brooks counties.
- **Abnormally Dry (D0)** conditions continue across over 55% of Deep South Texas, including the remainder of Zapata, Jim Hogg, Brooks, all of Starr, all of Hidalgo, most of Kenedy, and western Willacy counties.



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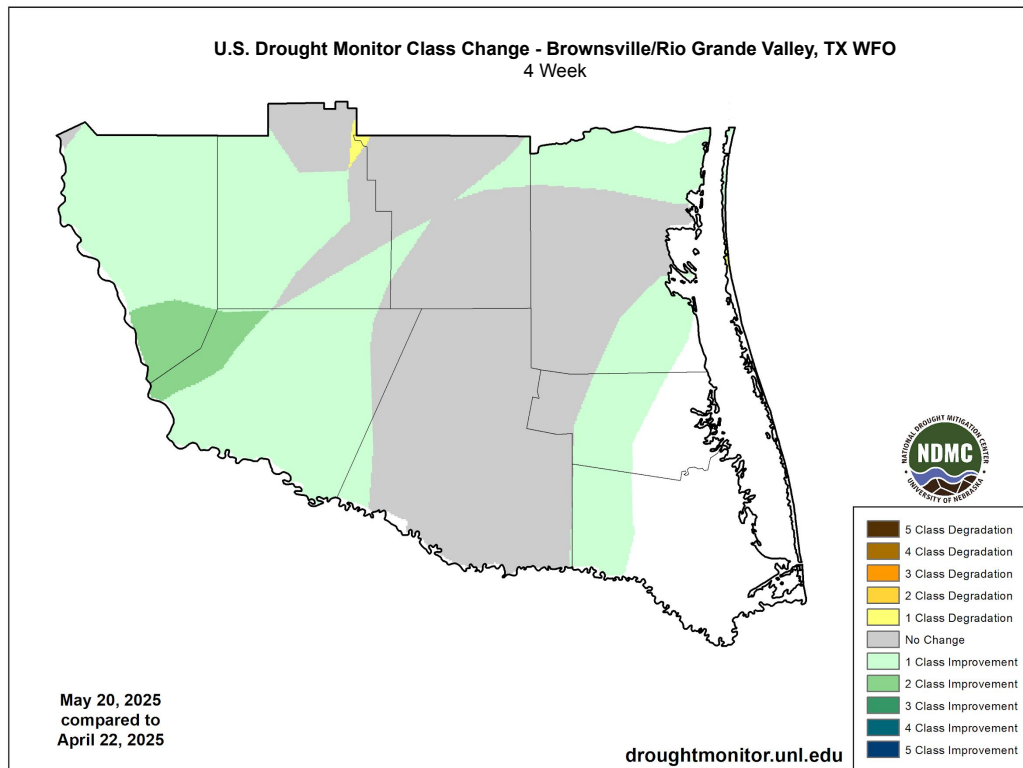


Recent Change in Drought Intensity

[Latest U.S. Drought Monitor Class Change](#) | [Latest 4 Week Change Map for Deep South Texas](#)

Four Week Drought Monitor Class Change

- In the past 4 weeks, there has been **no change** across mostly central portions of Deep South Texas, including northern Jim Hogg, most of Brooks, Kenedy, Hidalgo, and western Willacy counties.
- In the past 4 weeks, there has been a **1 class improvement** across most of Zapata, Jim Hogg, Starr, southwestern and northeastern Brooks, southwestern Hidalgo, northern and southeastern Kenedy, west-central Willacy, and western Cameron counties.
- In the past 4 weeks, there has been a **2 class improvement** across southern Zapata and northwestern Starr counties.



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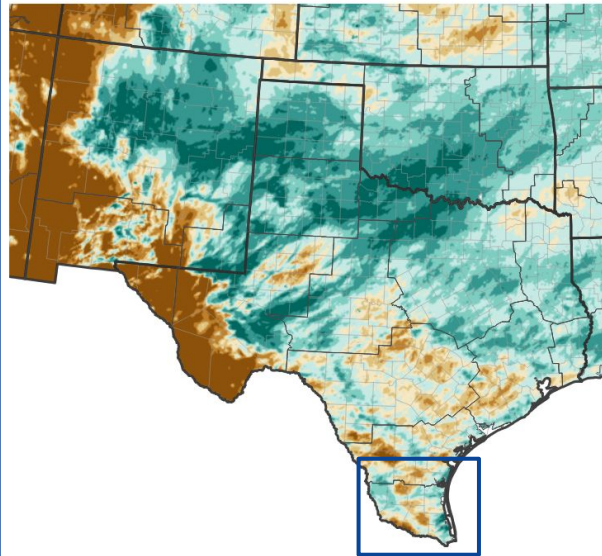


Precipitation

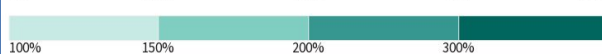
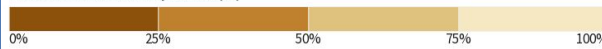
National Water Prediction Services

- Over the past 30 days, the brush country and coastal portions of Deep South Texas have received between 100-300% of normal rainfall, with central portions of Deep South Texas generally receiving 50-150% of normal rainfall, with pockets of 25-50% of normal rainfall across portions of Jim Hogg, Brooks, Hidalgo, and Starr counties.
- Over the past 90 days, most of Deep South Texas has received between 125-400% of normal rainfall, especially the lower to mid Rio Grande Valley, with between 75-125% across portions of the northern ranchlands.

30-Day Percent of Normal Precipitation



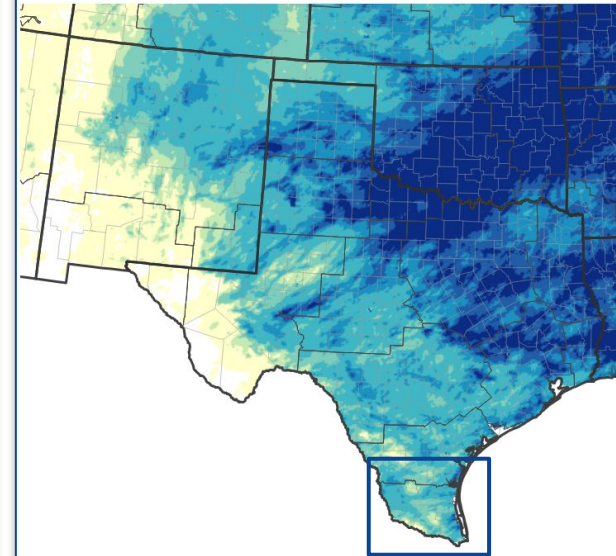
Percent of Normal Precipitation (%)



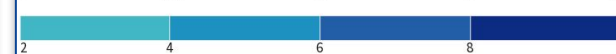
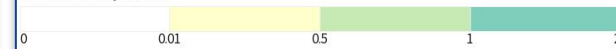
Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov

Last Updated: 05/21/25

30-Day Precipitation Accumulations (Inches)



Inches of Precipitation



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

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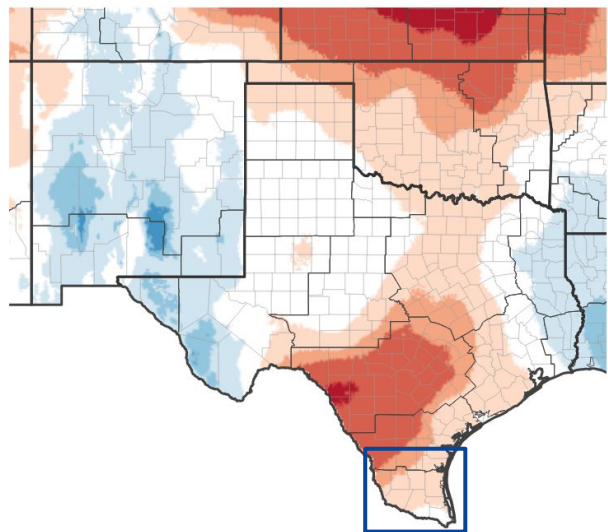


Temperature

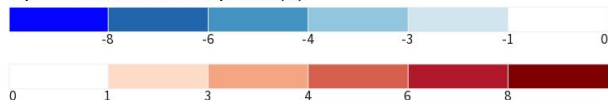
Daily Climate Summary: [BRO](#) | [HRL](#) | [MFE](#)

- [Average Maximum Temperatures](#) over the past 30 days across Deep South Texas have ranged generally **near normal** between 85-95 degrees.
- [Average Minimum Temperatures](#) over the past 30 days across Deep South Texas have ranged generally **near normal** between 70-75 degrees.
- Overall, near to slightly above normal highs and lows are expected through Wednesday, with slightly below normal highs and lows expected Thursday into Friday, May 30, 2025.

7-Day Temperature Anomaly



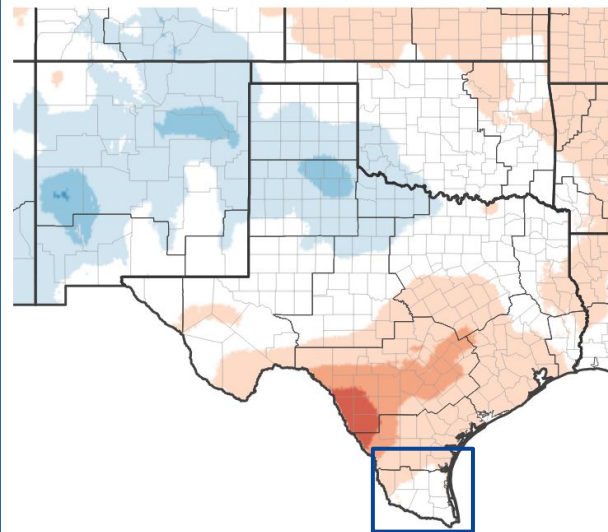
Departure from Normal Max Temperature (°F)



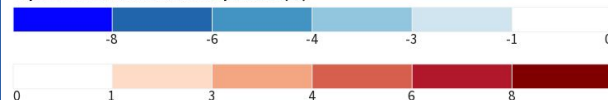
Source(s): NOAA's National Centers for Environmental Information; image courtesy of Drought.gov

Data Valid: 05/16/25

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: 05/16/25



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Summary of Impacts

[View or Submit: Condition Monitoring Observer Reports \(CMOR\)](#) | [Drought Impacts Reporter](#)

Hydrologic Impacts

- Streamflows remain below normal into late May.
- Texas water share levels at both Amistad and Falcon Lake remain low.

Agricultural Impacts

- Please see the latest [Crop and Weather Report](#) from Texas A&M AgriLife.
- Soil moistures range from near normal towards the brush country to well-above normal across the Rio Grande Valley, with crop moisture indices generally near to slightly below normal across all of Deep South Texas.

Fire Hazard Impacts

- Normal wildland fire activity is expected the remainder of May through August 2025 for all of Deep South Texas
- Burn bans remain in effect for all of Deep South Texas except Kenedy County.

Mitigation Actions

- Please refer to your municipality and/or water provider for mitigation information.
- [TCEQ Known Municipality Restrictions](#)





Hydrologic Conditions and Impacts

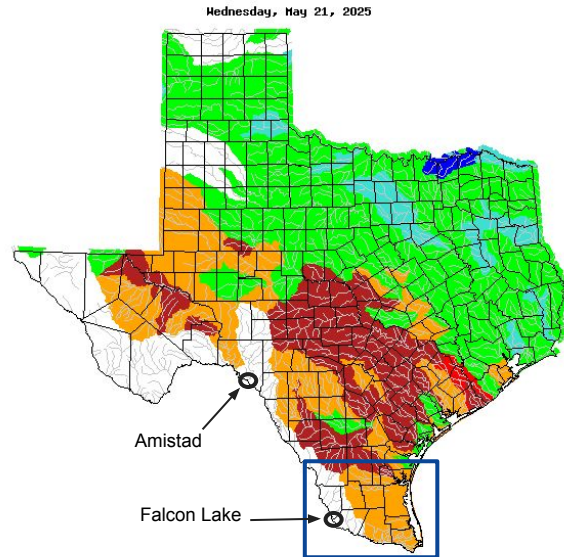
[Current Amistad Reservoir Data](#) | [Current Falcon Lake Reservoir Data](#)

- Streamflows over the past 7 days have remained **below normal**.
- Most of the streamflow across Deep South Texas is **between the 10th and 24th percentile** for this time of year (orange shading on the map).
- Texas water share values have remained near 25% at Amistad and 15% at Falcon Lake.

Reservoir	Pool Elevation* (ft)	Current Elevation* (ft)	Percent Full*
Amistad	1117.00	1048.62	28.4%
Falcon Lake	301.20	254.62	15.1%

Percent Full*	1 Month Ago	3 Months Ago	1 Year Ago
Amistad	25.6%	26.2%	27.8%
Falcon Lake	15.4%	15.9%	8.8%

* = Current Texas Water Share



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

Captions:

Left: [TWDB Reservoir](#) conditions as of May 22, 2025

Right: [USGS 7 Day Streamflows for Texas](#) valid May 21, 2025



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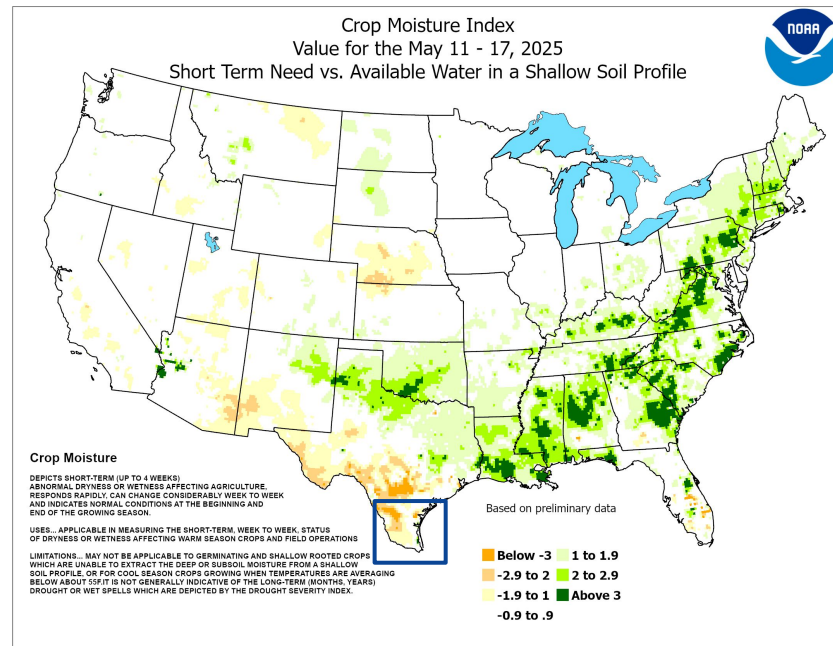
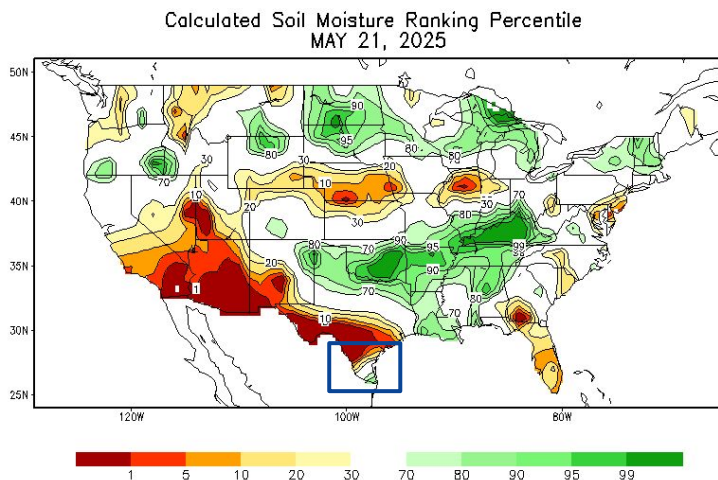
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Agricultural Impacts

[Latest Crop and Weather Report from Texas A&M AgriLife](#) | [Climate Prediction Center \(CPC\) Drought Page](#)

- Soil moistures range from near normal towards the brush country to well-above normal across the Rio Grande Valley.
- Crop moisture indices are near to slightly below normal across all of Deep South Texas.



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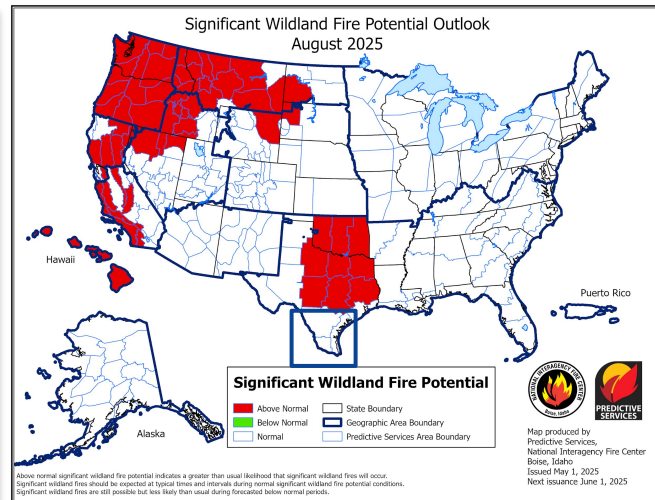
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- Keetch-Byram Drought Index
values range from 300-500 across most of Zapata, Brooks, southern Kenedy, southern Starr, Hidalgo, western Willacy and western Cameron counties, with 0-300 across northern Starr, southern Jim Hogg, central Brooks, and most of Kenedy, Willacy, and Cameron counties.

- Normal wildland fire potential is expected the remainder of May through August 2025 for Deep South Texas.

- Burn bans are in effect for all of Deep South Texas except Kenedy County.



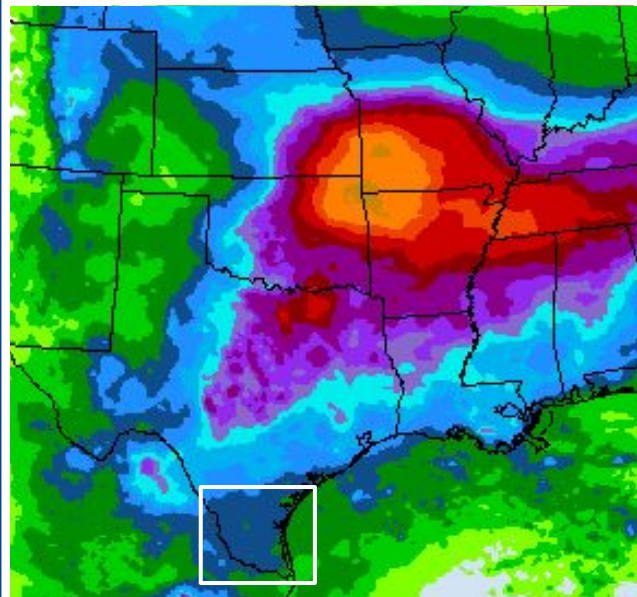


Seven Day Precipitation Forecast

[CPC 6-10 Day Precipitation Outlook](#) | [WPC Precipitation Forecasts](#)

- Rainfall of generally 0.25 to 0.50 of an inch is expected Monday night through Friday next week as cold front and a series of mid-level disturbances work through Deep South Texas.
- Isolated pockets of 1-2 inches are possible where any stronger showers or thunderstorms persist mid to late next week.
- Overall, rain chances through Saturday, May 31st, 2025 are **likely above normal** across Deep South Texas.

7-Day Quantitative Precipitation Forecast for May 21, 2025-May 28, 2025



Predicted Inches of Precipitation

0 0.01 0.1 0.25 0.5 0.75 1 1.25 1.5 1.75

1.75 2 2.5 3 4 5 7 10 15 20

Source(s): National Weather Service Weather Prediction Center; image

Last Updated: 05/21/25

courtesy of Drought.gov



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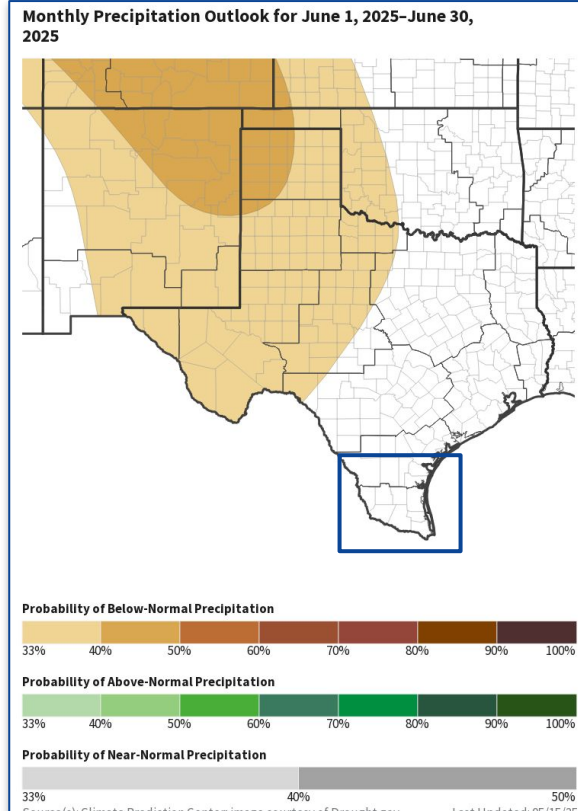
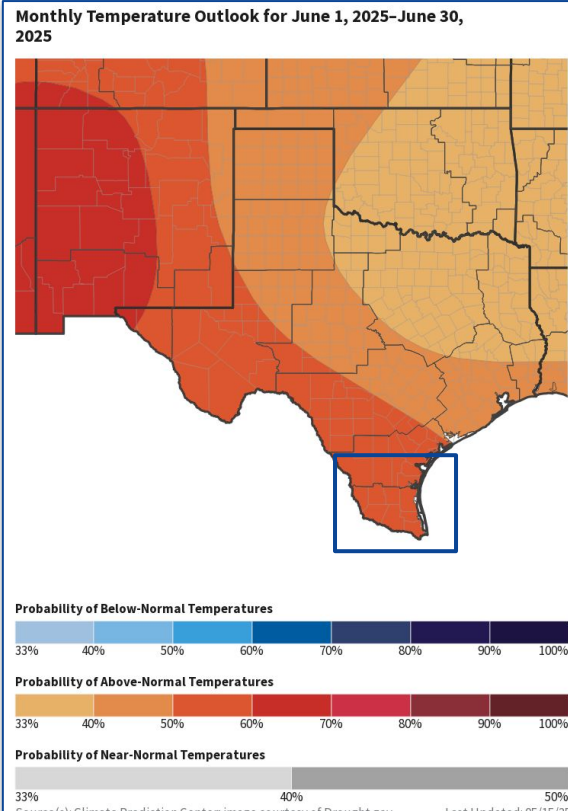
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Long-Range Outlooks

[CPC Seasonal Temperature Outlook](#) | [CPC Seasonal Precipitation Outlook](#)

- There is a **50-60% probability of above normal temperatures** across Deep South Texas through the month of June.
- There is an **equal chance of above or below normal rainfall** across Deep South Texas through the month of June.
- Through August 2025, there is a likely chance of **above normal temperatures** and an **equal chance of above or below normal rainfall** across Deep South Texas.



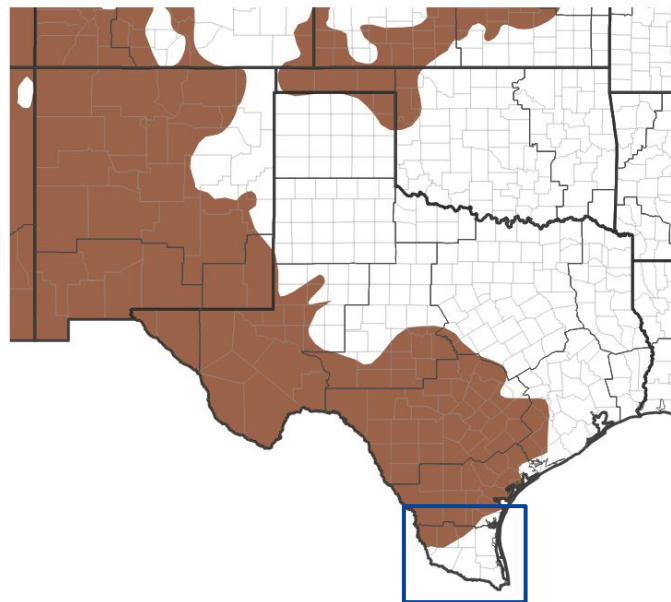


Drought Outlook

[Climate Prediction Center](#) | [Monthly Drought Outlook](#) | [Seasonal Drought Outlook](#)

- **Drought is expected to improve** across the brush country, including Zapata, Jim Hogg, and northwestern Starr counties through May 2025.
- **Drought is expected to end** across portions of the ranchlands and upper Rio Grande Valley, including northern Kenedy, most of Brooks, eastern Jim Hogg, and most of Starr counties through May 2025.
- **Drought is expected to persist** across portions of the brush country, including Zapata, Jim Hogg, and northwestern Brooks counties through August 2025.

Seasonal (3-Month) Drought Outlook for May 15, 2025–August 31, 2025



Drought Is Predicted To...



Source(s): Climate Prediction Center image courtesy of Drought.gov Last Updated: 05/15/25



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