

# Drought Information Statement for Deep South Texas

Valid March 23, 2025

Issued By: NWS Brownsville/Rio Grande Valley, TX

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- This product will be updated around April 4, 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

- **Extreme Drought Conditions Have Developed Across Zapata, Jim Hogg, and Starr counties.**
- **Severe to Moderate Drought Conditions continue for most of the remainder of Deep South Texas, including most of the Rio Grande Valley**



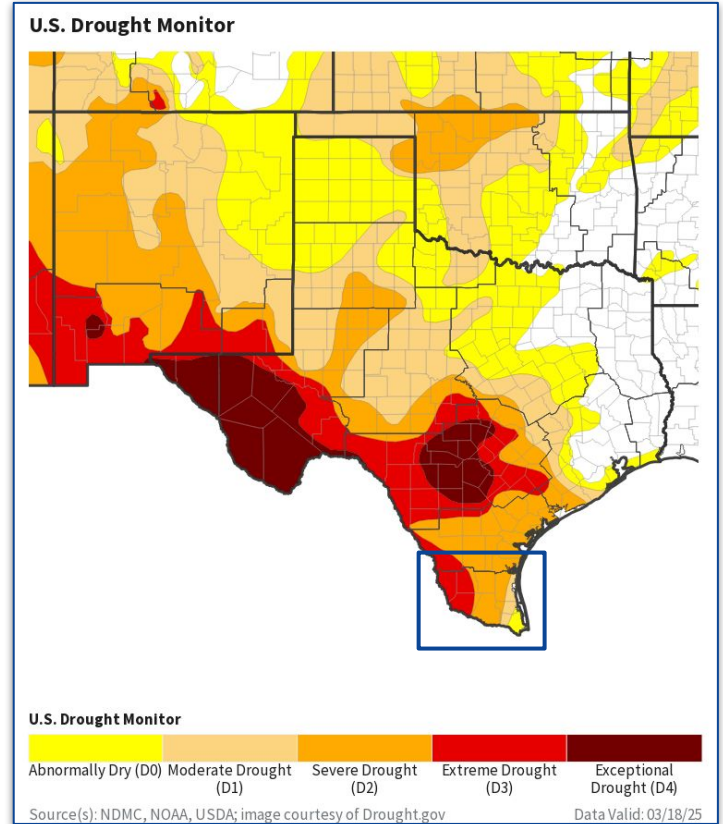


# U.S. Drought Monitor

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

## Drought Intensity and Extent

- **Extreme Drought (D3)** conditions have developed across 33% of Deep South Texas, including all of Zapata, most of Jim Hogg, and most of Starr counties.
- **Severe Drought (D2)** conditions are being observed across nearly 46% of Deep South Texas, including the remainder of Jim Hogg and Starr counties, as well as all of Brooks, Hidalgo, western Kenedy, western Willacy, and extreme western Cameron counties.
- **Moderate Drought (D1)** conditions are being observed across 13% of Deep South Texas, including the remainder of Kenedy, most of Willacy, and portions of western Cameron counties.
- **Abnormally Dry (D0)** conditions continue across the remaining portions of Deep South Texas, including eastern to coastal Willacy and most of Cameron counties.



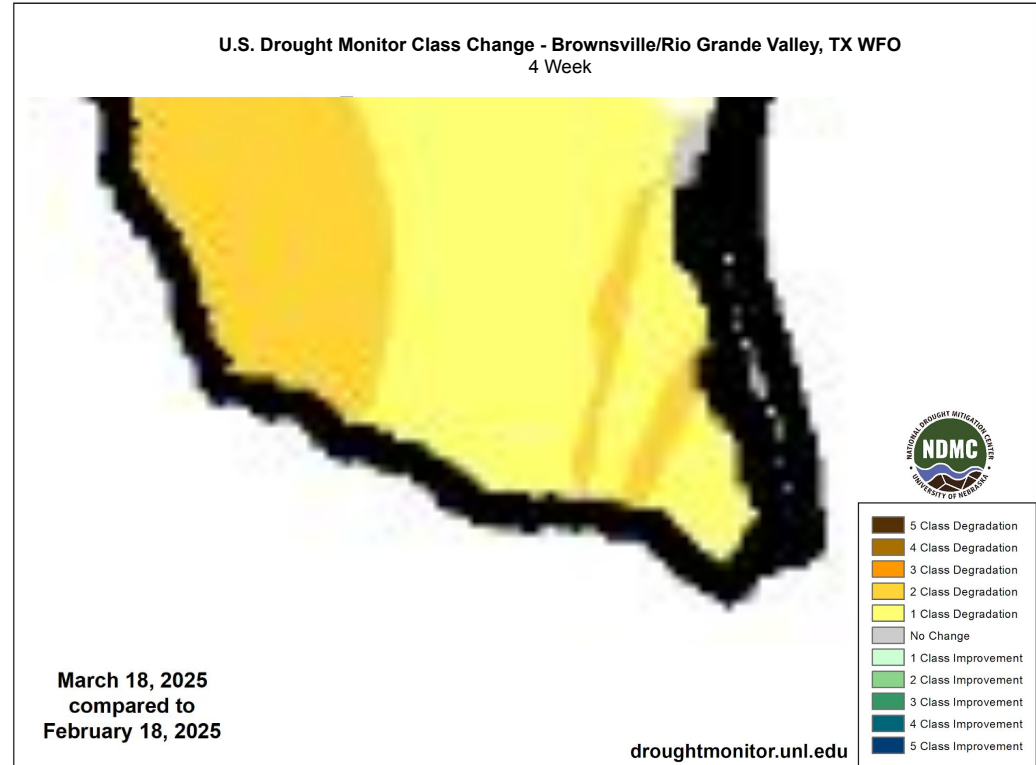


# Recent Change in Drought Intensity

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

## Four Week Drought Monitor Class Change

- Drought conditions have continued to worsen across all of Deep South Texas, including the Rio Grande Valley.
- In the past 4 weeks, there has been a **2 class degradation** across all of Zapata, most of Jim Hogg and Starr, as well as portions of Kenedy, Willacy, Hidalgo, and Cameron counties.
- In the past 4 weeks, there has been a **1 class degradation** across the remainder of Deep South Texas, including the remainder of Jim Hogg, Starr, all of Brooks, and most of Kenedy, Hidalgo, Willacy, and Cameron counties.



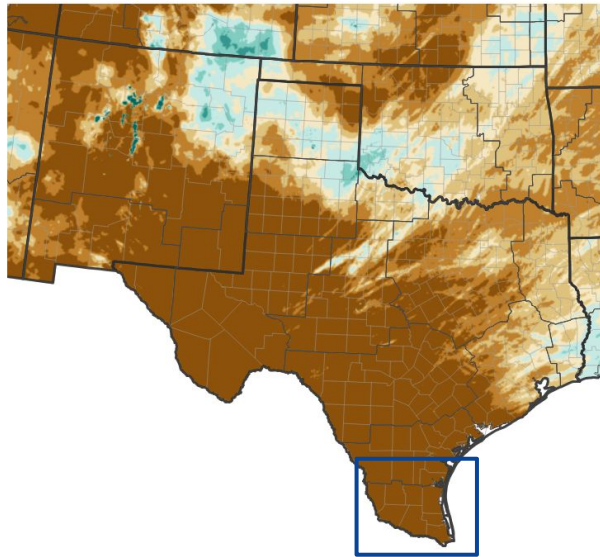


# Precipitation

## National Water Prediction Services

- Very minimal rainfall has been observed across Deep South Texas over the past month, with multiple dry frontal passages.
- All of Deep South Texas has received 25% or less of normal rainfall over the past 30 days.
- Over the past 90 days, nearly all of Deep South Texas has received 50% or less of normal rainfall, with most of Zapata, Starr, Jim Hogg, southern Brooks, west-central Kenedy, northwestern Willacy, and western to northern Hidalgo counties receiving 25% or less of normal rainfall.

30-Day Percent of Normal Precipitation

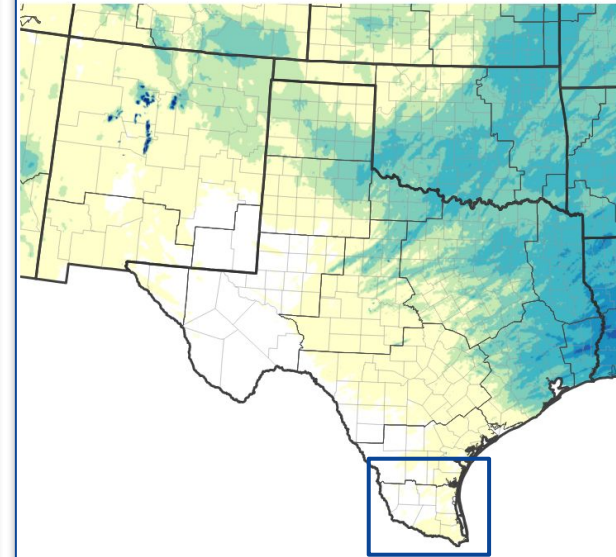


Percent of Normal Precipitation (%)

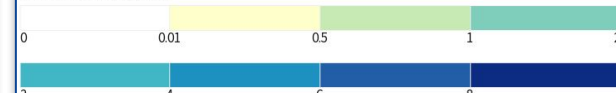


Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov Last Updated: 03/22/25

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: 03/22/25



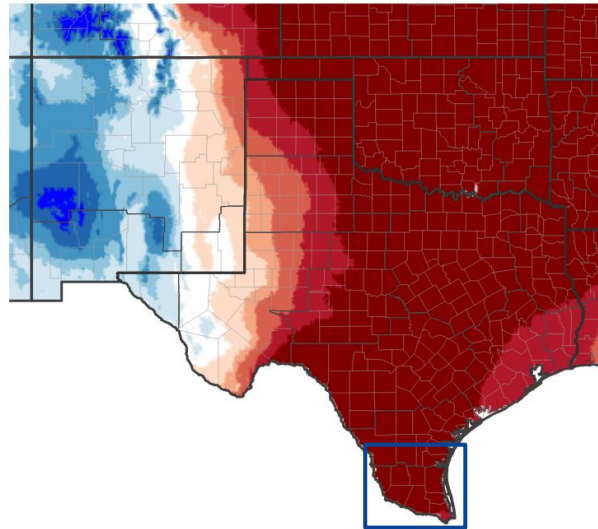


# Temperature

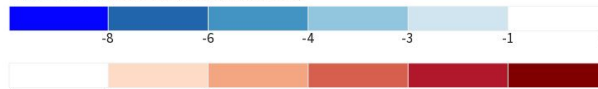
Daily Climate Summary: [BRO](#) | [HRL](#) | [MFE](#)

- [Average Maximum Temperatures](#) over the past 30 days across Deep South Texas have ranged generally **slightly above normal** between 80-90 degrees.
- [Average Minimum Temperatures](#) over the past 30 days across Deep South Texas have ranged generally **near to slightly below normal** between 50-60 degrees.
- Overall, above normal highs and lows are expected through Sunday, March 30, 2025, with near normal highs Thursday, March 27.

7-Day Temperature Anomaly



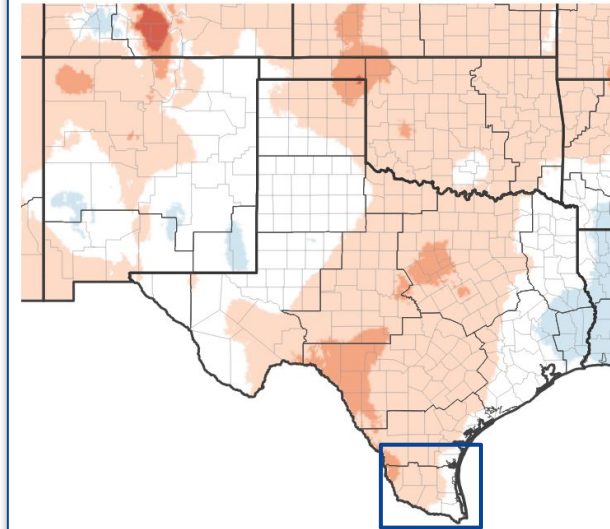
Departure from Normal Max Temperature (°F)



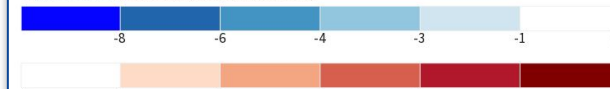
Source(s): NOAA's National Centers for Environmental Information; image courtesy of Drought.gov

Data Valid: 03/18/25

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: 03/18/25





# Summary of Impacts

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

## Hydrologic Impacts

- Streamflows have remained well below normal due to the lack of beneficial rain across most basins in Deep South Texas.
- 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 generally range from slightly below normal along the coast and lower to mid Rio Grande Valley to below normal across the brush country, with crop moisture indices generally below normal to abnormally dry across most of Deep South Texas.

## Fire Hazard Impacts

- Above normal wildland fire activity is expected through April for most of Deep South Texas, with near normal activity May through June.
- Burn bans are in effect for all counties of Deep South Texas except Cameron County.

## Mitigation Actions

- [TCEQ Known Municipality Restrictions](#)





# Hydrologic Conditions and Impacts

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

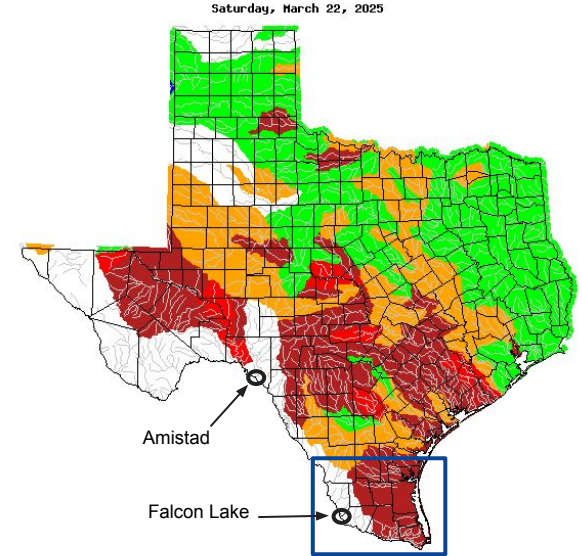
- Streamflows over the past 7 days have remained **much below normal** with a continued lack of beneficial rainfall, above normal high temperatures, and dry frontal passages.
- Most of the streamflow across Deep South Texas is **less than the 10th percentile** for this time of year (dark red to maroon shading on the map).
- Texas water share values have remained near 25% at Amistad and near or below 15% at Falcon Lake.

Reservoir	Pool Elevation* (ft)	Current Elevation* (ft)	Percent Full*
Amistad	1117.00	1050.83	25.9%
Falcon Lake	301.10	255.05	14.9%

Percent Full*	1 Month Ago	3 Months Ago	1 Year Ago
Amistad	26.2%	26.5%	28.3%
Falcon Lake	15.9%	13.3%	16.0%

\* = Current Texas Water Share



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		

Captions:

Left: [TWDB Reservoir](#) conditions as of March 23, 2025

Right: [USGS 7 Day Streamflows for Texas](#) valid March 22, 2025



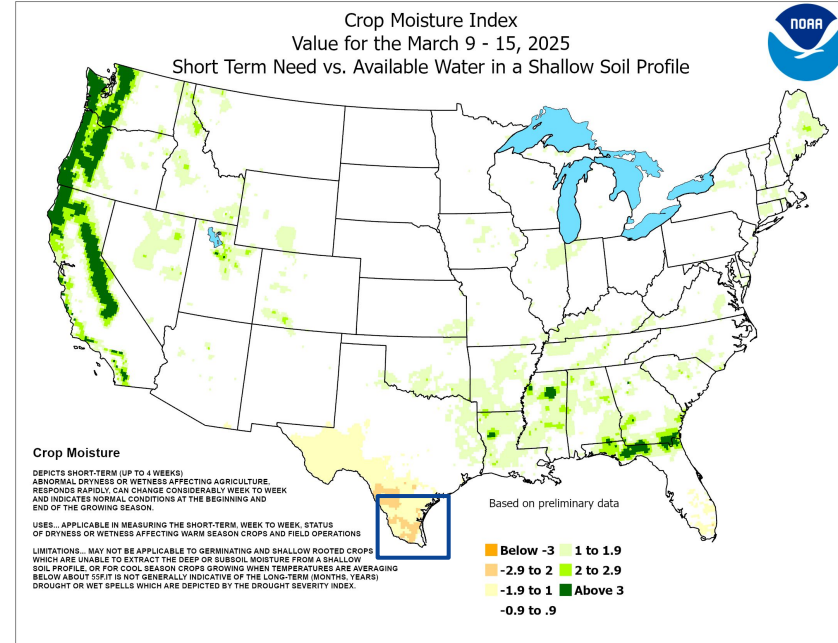
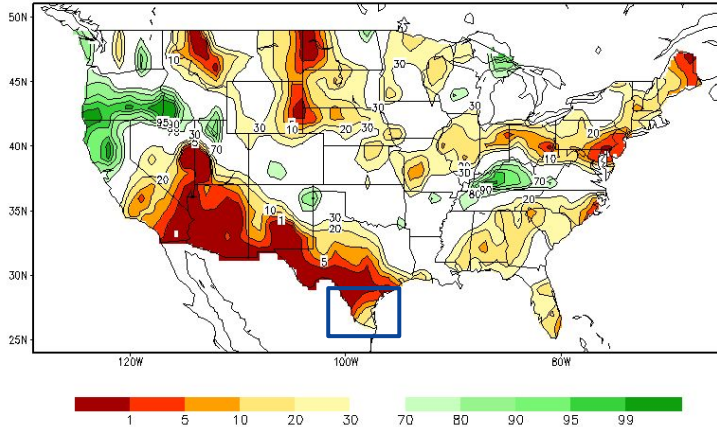


# Agricultural Impacts

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

- Soil moistures range from slightly below normal along the coast and lower to mid Rio Grande Valley to below normal towards the brush country.
- Crop moisture indices are generally below normal to abnormally dry across most of Deep South Texas.

Calculated Soil Moisture Ranking Percentile  
MAR 22, 2025





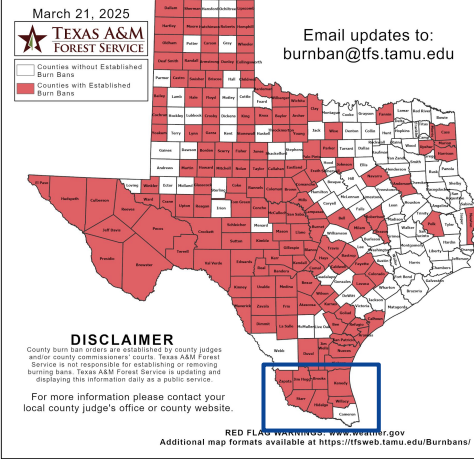


# Fire Hazard Impacts

## National Interagency Coordination Center (NICC) Wildfire Potential Outlooks

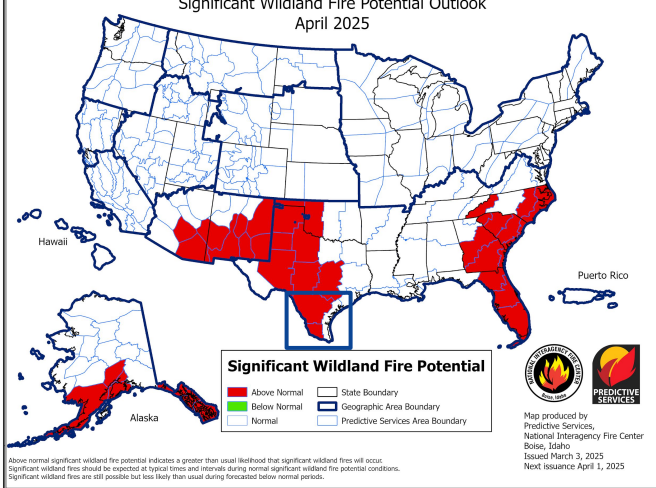
- Keetch-Byram Drought Index values generally range between 500-700 across most of Deep South Texas, with KBDI values between 400-500 across Cameron and Willacy counties.
- Above normal wildland fire potential is expected through April 2025 for most of Deep South Texas, with near normal wildland fire potential between May and June 2025.
- Burn bans remain in effect for all of Deep South Texas except Cameron County.

### OUTDOOR BURN BANS



### Counties with Burn Bans: 147

Adkins	Fallon	Morris
Annesan	Fayette	Navarro
Antony	Fisher	Newton
Armstrong	Flagd	North
Atsaco	Frio	Nueces
Baldwin	Gaillard	Oldham
Balmer	Gillespie	Palo Pinto
Barrett	Goliad	Parmer
Basin	Gray	Polk
Belcher	Hale	Presidio
Beck	Harden	Randall
Belton	Harrison	Reagan
Blanco	Hartley	Real
Borden	Haskell	Rockwall
Brewer	Hemphill	Roscoe
Brewster	Hidalgo	Rufous
Brooks	Howard	Russell
Brown	Hudspeth	Robertson
Burnet	Hutchinson	Rosen
Burnham	Jack	San Antonio
Brewster	Jeff Davis	San Berto
Brewster	Jimmie	Schleicher
Brewster	Jim Wells	Schwartz
Brewster	Jones	Seminole
Brewster	Karnes	Starr
Brewster	Kerr	Starr
Brewster	Kimble	Tarrant
Brewster	Knox	Tarrant
Brewster	Koza	Tarrant
Brewster	Langston	Tarrant
Brewster	Lambert	Tarrant
Brewster	Leake	Tarrant
Brewster	Levell	Tarrant
Brewster	Lewis	Tarrant
Brewster	Llaneta	Tarrant
Brewster	Lynn	Tarrant
Brewster	McCulloch	Wichita
Brewster	Marion	Wichita
Brewster	Mason	Wichita
Brewster	Martin	Wichita
Brewster	Mason	Wichita
Brewster	McMurry	Wichita
Brewster	Madison	Wichita
Brewster	Mason	Wichita
Brewster	Mason	Wichita
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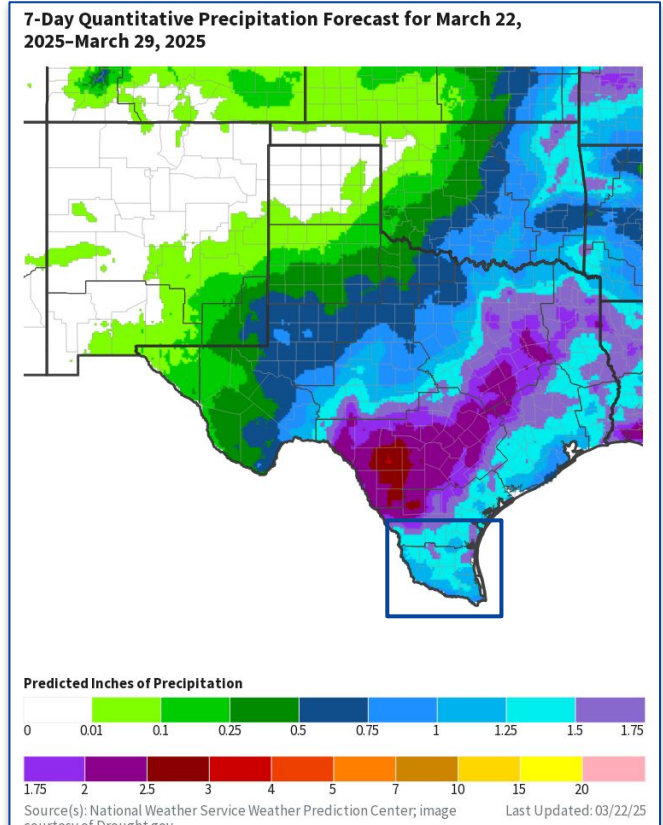




# Seven Day Precipitation Forecast

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

- Some much needed rainfall is expected through Saturday, March 29, 2025 across Deep South Texas, with the best chances occurring across the brush country and northern ranchlands Wednesday through Friday.
- Early rainfall estimates range from 1-2 inches, especially across portions of the northern ranchlands. Locally higher rainfall amounts are possible Thursday into Thursday night where any heavier showers or thunderstorms persist.
- Overall, rain chances through Tuesday, April 1st, 2025 are leaning toward **above normal** across Deep South Texas.

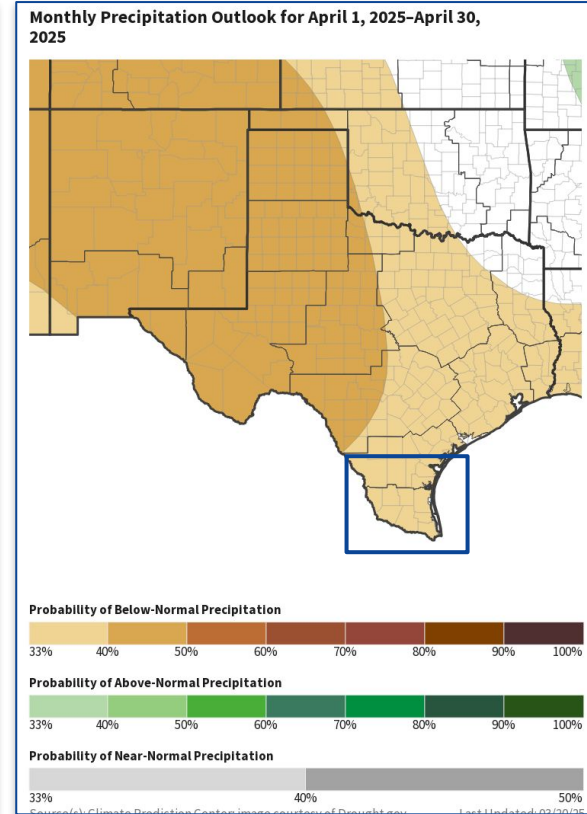
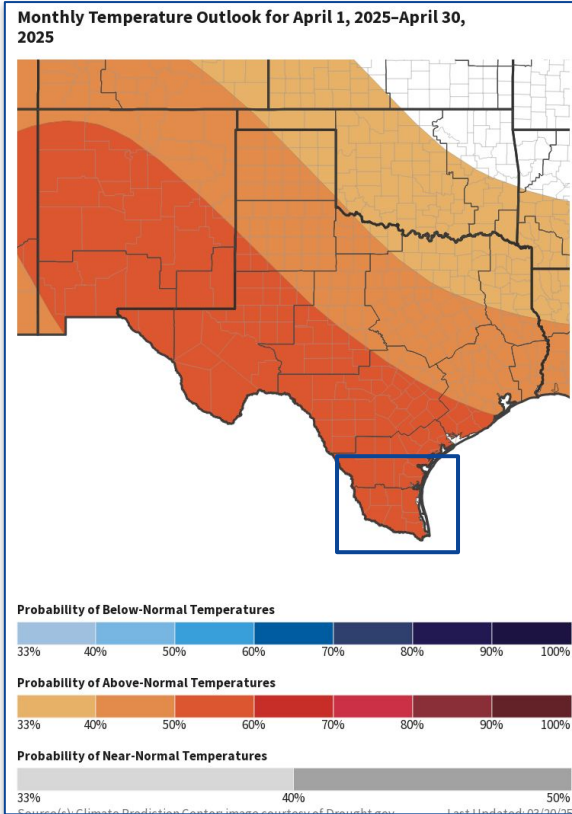




# Long-Range Outlooks

[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 April.
- There is a **33-40% probability of below normal rainfall** across Deep South Texas through the month of April.
- Through June 2025, there is a likely chance of **above normal temperatures** and an **equal chance of above or below normal rainfall** across Deep South Texas.



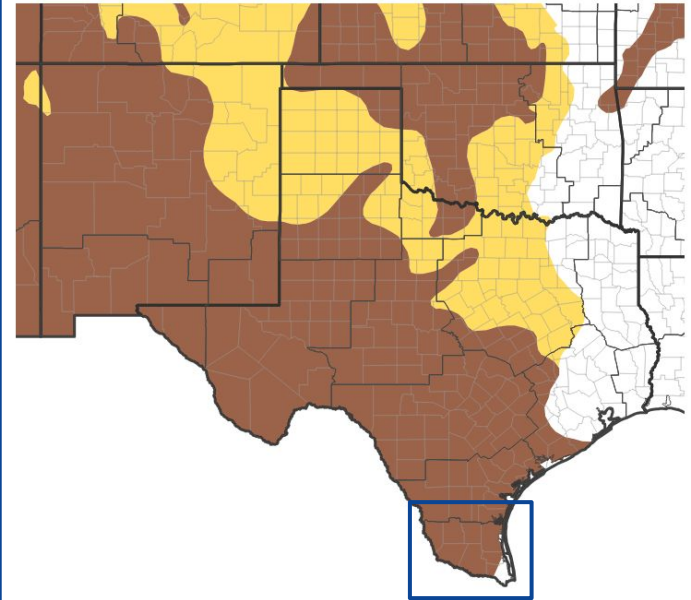


# Drought Outlook

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

- **Drought is expected to persist** across most of Deep South Texas, including the northern ranchlands, brush country, and mid to upper Rio Grande Valley, through June 2025.

Seasonal (3-Month) Drought Outlook for March 20, 2025–June 30, 2025



Drought Is Predicted To...



Source(s): Climate Prediction Center; image courtesy of Drought.gov. Last Updated: 03/20/25

