Drought Information Statement for South Central Texas Valid March 6, 2025 Issued By: NWS Austin/San Antonio Contact Information: <u>sr-ewx.webmaster@noaa.gov</u>

- This product will be updated April 3, 2025 or sooner if drought conditions change significantly.
- Please see all currently available products at <u>https://drought.gov/drought-information-statements</u>.
- Please visit <u>https://www.weather.gov/ewx/DroughtInformationStatement</u> for previous statements.
- Please visit <u>https://www.drought.gov/drought-status-updates/</u> for regional drought status updates.
- Below normal February rains for most meant drought worsening or remaining the same
- Wildfire forecast to be above normal through April
- Streamflow and reservoirs remain very low
- Monthly and Seasonal outlooks advertise drought persistence

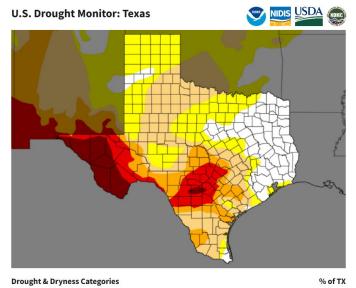


Link to the <u>latest U.S. Drought Monitor</u> for south central Texas

- Drought intensity and Extent
 - **D4 (Exceptional Drought):** Covers portions of eastern Uvalde, central Medina, and western Bexar County
 - Percent of Area: 2.85%
 - D3 (Extreme Drought): Covers portions of the Southern Edwards Plateau, Rio Grande Plains, and I-35 Corridor
 - Percent of Area: 43.85%
 - D2 (Severe Drought): Extends across much of the Hill Country, Edwards Plateau, Rio Grande Plains, I-35 Corridor, and portions of the Coastal Plains
 - Percent of Area: 39.80%
 - D1 (Moderate Drought): Encompasses much of the Coastal Plains, and portions of the Southern Edwards Plateau
 - Percent of Area: 13.11%



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Drought & Dryness Categories		% of TX
	D0 – Abnormally Dry	30.9%
	D1 – Moderate Drought	21.3%
	D2 – Severe Drought	10.4%
	D3 – Extreme Drought	11.0%
	D4 – Exceptional Drought	6.3%
	Total Area in Drought (D1–D4)	49.0%
Sou	rce(s): NDMC, NOAA, USDA	

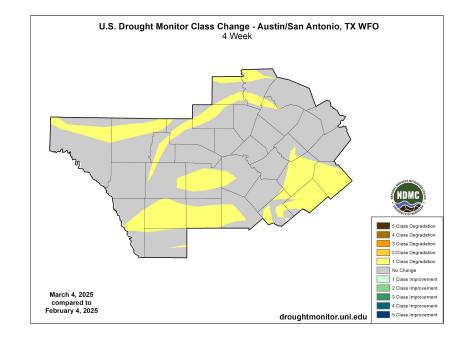
Source(s): NDMC, NOAA, USDA Data Valid: 03/04/25

Drought.gov

Recent Change in Drought Intensity

Link to the latest <u>4-week change map</u> for south central Texas

- Four Week Drought Monitor Class Change.
 - Drought Worsened: Portions of the Hill Country, southern Edwards Plateau, and Coastal Plains.
 - No Change: I-35 Corridor and Rio Grande Plains.
 - Drought Improved: small sliver of Karnes County.

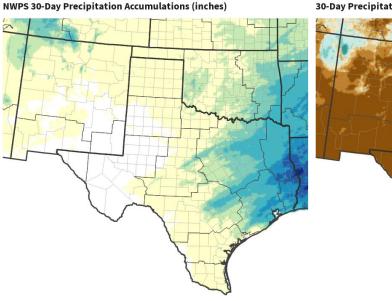




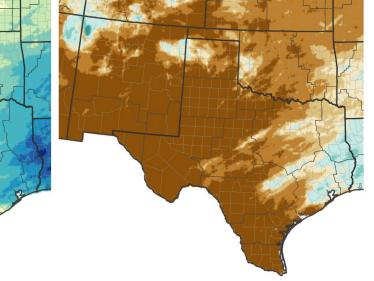
Precipitation

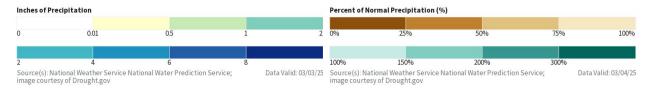
Links to the latest Precipitation Accumulation and Percent of Normal over the past 30 days

- Much of the service area saw below normal rainfall over the past 30 days. The main exception would be portions of the northern I-35 Corridor which saw between 100-150% of normal.
- A majority of this rainfall occurred on February 11th and 12th with a stalled frontal boundary.



30-Day Precipitation: Percent of PRISM Normal





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

Hydrologic Impacts

- Streamflows across much of the service area remain in the below to much below normal streamflow for early March. The exception to this would be streams that received rainfall from mid February rainfall. (USGS)
- Area reservoirs remain extremely low across the service area.
- See next page for more details

Agricultural Impacts

- Please see the latest Crop & Weather Report from Texas A&M Agrilife
- Soil moistures across the service area are shown in the below to well below normal range as of March 6th. (<u>NWS Climate Prediction Center</u>)

Fire Hazard Impacts

- Above normal wildland fire potential is expected for March. This activity is expected to persist into April. (National Interagency Coordination Center)
- See Fire Hazard page for more details

Drought Mitigation Actions

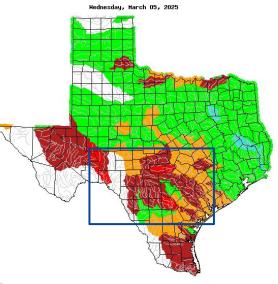
- Please refer to your municipality and/or water provider for mitigation information.
- Select <u>Municipality Restrictions</u> (as of 3/6/2025)
 - City of Uvalde: Stage 5
 - City of Fredericksburg: Stage 4
 - City of Kerrville: Stage 3
 - City of San Antonio: Stage 3
 - City of Universal City: Stage 3
 - City of Llano: Stage 2
 - $\circ \qquad \text{City of Georgetown: Stage 2}$
 - City of New Braunfels: Stage 2
 - City of Austin: Stage 2
 - City of Del Rio: Stage 2



National Oceanic and Atmospheric Administration

Hydrologic Conditions and Impacts

Streamflows across much of the service area remain in the below to much below normal streamflow for early March. The exception to this would be streams that received rainfall from mid February rains.



Reservoir	Pool Elevation	Current Elevation	Percent Full	
Amistad	1117.00 feet	1051.14 feet	26.2%	
Lake Austin	492.9 feet	492.24 feet	96.3%	
Lake Buchanan	1020.00 feet	1001.74 feet	58.2%	
Canyon Lake	909.00 feet	879.38 feet	48.3%	
Georgetown Lake	791.00 feet	780.34 feet	67.3%	
Granger Lake	504.00 feet	504.10 feet	100%	
Lake LBJ	825.00 feet	824.71 feet	98.3%	
Lake Marble Falls	738.00 feet	736.42 feet	95.4%	
Medina Lake	1064.2 feet	970.84 feet	2.4%	
Lake Travis	681.00 feet	636.99 feet	43.0%	

Table caption: TWDB Reservoir conditions as of February 5, 2025

Additional data:

Edwards Aguifer, Bexar Index Well J-17 as

of March 6, 2025:

- 10 day average: 630.1
- Historical Monthly Average: 667.8

Departure from Average: -37.7

USGS

Explanation - Percentile classes						

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

Figure Caption: USGS 7 day streamflows for Texas, valid March 5, 2025.

> National Weather Service Austin/San Antonio, TX

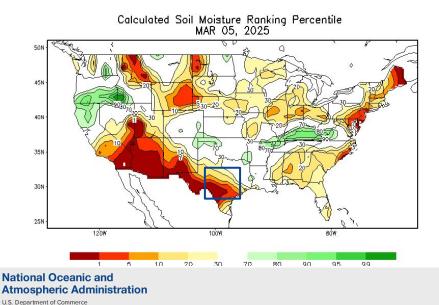


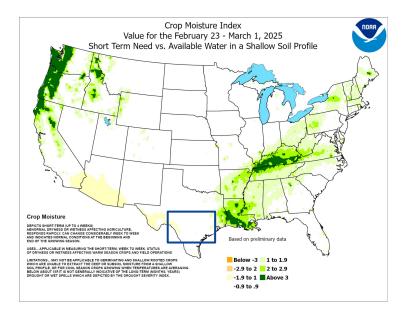
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Links to the latest Soil Moisture Ranking Percentile and Crop Moisture Index by Division.

- Soil moistures across the service area are shown in the below to well below normal range as of March 5th.
- Crop moisture index values show normal conditions across all of our service area as of March 1st.





Fire Hazard Impacts

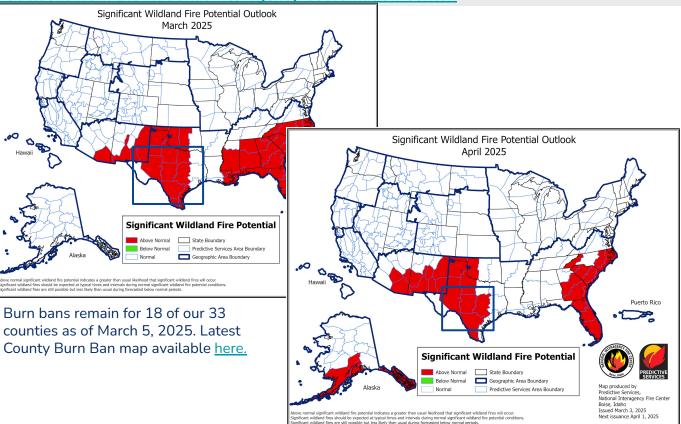
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Hawaii

Link to Wildfire Potential Outlooks from the National Interagency Coordination Center.

- Keetch Byram Drought Index values of less than 400 are primarily in portions of the I-35 Corridor that saw rain in mid February.
- Values range between 500 and 800 across a majority of the service area.
- Above normal wildland fire potential is expected for March and April.

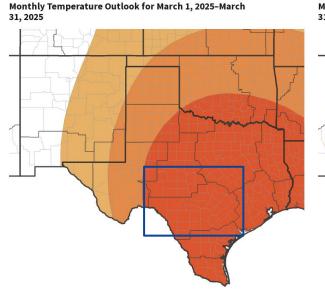




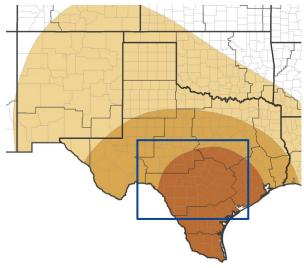
Long-Range Outlooks

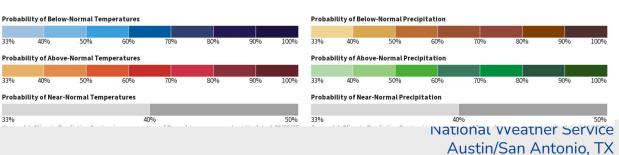
The latest monthly and seasonal outlooks can be found on the CPC homepage

- The temperature outlook for the month of March leans towards above normal for the entire service area.
- The precipitation outlook leans towards below normal rainfall for the entire service area.
- The seasonal outlook for temperature and precipitation advertises similar trends through the end of May.



Monthly Precipitation Outlook for March 1, 2025-March 31, 2025



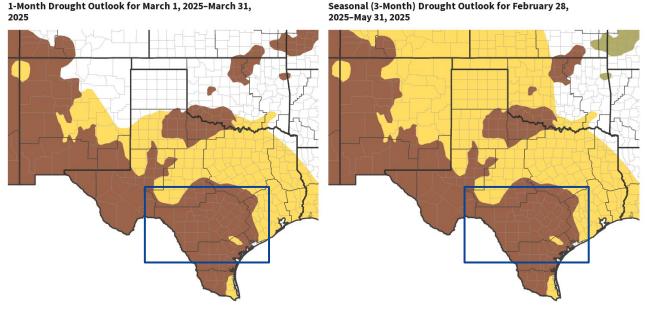


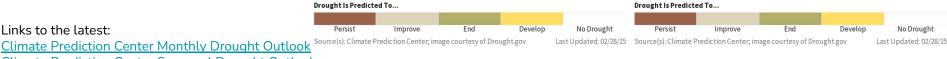
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Drought Outlook

The latest monthly and seasonal outlooks can be found on the CPC homepage

- The monthly drought outlook for March shows drought persisting for the entire service area.
- The three month drought outlook shows drought persisting through May for the entire service area.





Climate Prediction Center Seasonal Drought Outlook



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