

Drought Information Statement for South Central Texas

Valid January 2, 2025

Issued By: NWS Austin/San Antonio

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

- This product will be updated February 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/ewx/DroughtInformationStatement for previous statements.
- Please visit https://www.drought.gov/drought-status-updates/ for regional drought status updates.
- Isolated improvement in drought conditions in the service area due to late December thunderstorms
- Wildfire forecast to be above normal through January
- Streamflow and reservoirs remain low
- Monthly and Seasonal outlooks advertise drought persistence



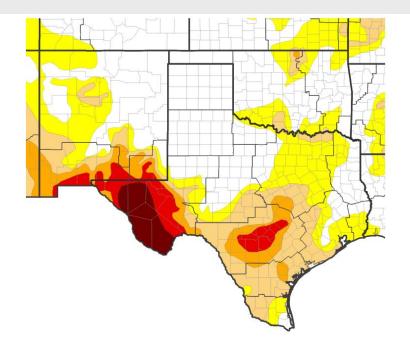


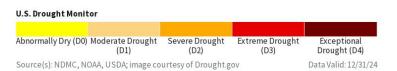


U.S. Drought Monitor

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

- Drought intensity and Extent
 - D3 (Extreme Drought): Covers portions of the Edwards Plateau and I-35 Corridor
 - Percent of Area: 18.06%
 - D2 (Severe Drought): Extends across the portions of the Hill Country, Edwards Plateau, I-35 Corridor, and Coastal Plains
 - Percent of Area: 31.29%
 - D1 (Moderate Drought): Encompasses the Coastal Plains, and portions of the Hill Country, Southern Edwards Plateau, and Rio Grande Plains
 - Percent of Area: 50.65%



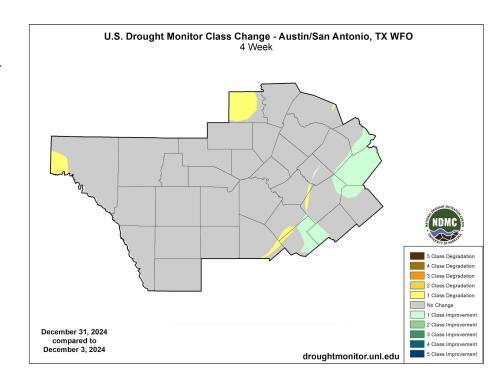




Recent Change in Drought Intensity

Link to the latest 4-week change map for south central Texas

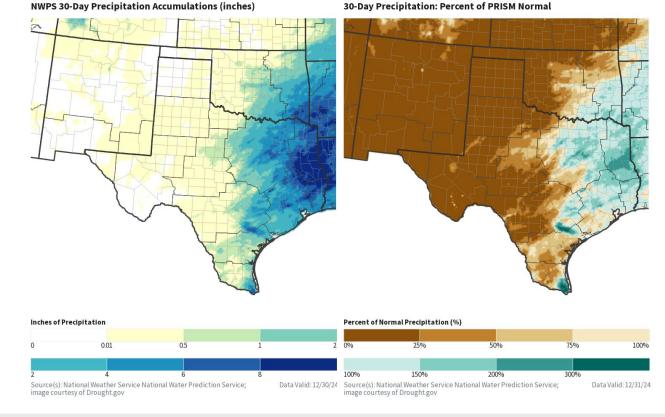
- Four Week Drought Monitor Class Change.
 - Drought Worsened: small portions of the Hill Country, southern Edwards Plateau, and Coastal Plains.
 - No Change: Much of south central Texas.
 - Drought Improved: portions of the Coastal Plains.



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 potions of the Coastal Plains which saw between 150% to greater than 300% from late
 December thunderstorms.





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 late December/early January. The exception is for streams that received rainfall from late December thunderstorms or runoff from rain that occurred outside of the service area. (USGS)
- Area reservoirs remain extremely low across the service area.
- See next page for more details

Agricultural Impacts

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

Fire Hazard Impacts

- Normal wildland fire activity is forecast through the month of November. This
 activity is expected to increase in the months of December and January.
 (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 1/1/2025)
 - 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 3
 - City of Georgetown: Stage 2
 - City of New Braunfels: Stage 2
 - City of Austin: Stage 2
 - City of Del Rio: Stage 2





Hydrologic Conditions and Impacts

 Streamflows across much of the service area remain in the below to much below normal streamflow for late
 December/early January. The exception is for streams that received rainfall from late
 December thunderstorms or runoff from rain that occurred outside of the service area.

Additional data:

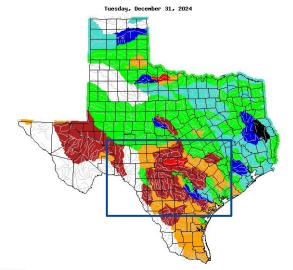
Edwards Aquifer, Bexar Index Well J-17 as

of January 1, 2025:

10 day average: 627.6

Historical Monthly Average: 668.4

Departure from Average: -41.4



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Explanation - Percentile classes								
Low	<10	10-24	25-75	76-90	>90	High	No Data	۱.
	Much below normal	Below normal	Normal	Above normal	Much above normal			

Figure Caption: <u>USGS 7 day streamflows for Texas</u>,

valid December 31, 2024

Reservoir	Pool Elevation	Current Elevation	Percent Full
Amistad	1117.00 feet	1051.18 feet	26.5%
Medina Lake	1064.2 feet	972.12 feet	2.7%
Canyon Lake	909.00 feet	880.69 feet	50.1%
Granger Lake	504.00 feet	503.05 feet	92.7%
Georgetown Lake	791.00 feet	779.28 feet	64.5%
Lake Buchanan	1020.00 feet	1003.39 feet	61.4%
Lake LBJ	825.00 feet	824.73 feet	98.5%
Lake Marble Falls	738.00 feet	736.363 feet	94.9%
Lake Travis	681.00 feet	637.94 feet	43.9%
Lake Austin	492.9 feet	492.12 feet	95.6%

Table caption: $\underline{\mathsf{TWDB}\;\mathsf{Reservoir}}\,\mathsf{conditions}\;\mathsf{as}\;\mathsf{of}\;$

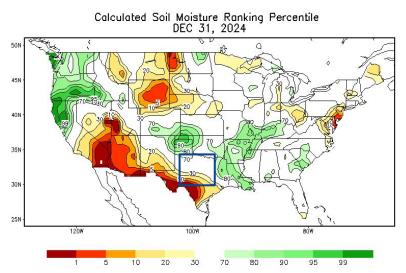
January 1, 2025

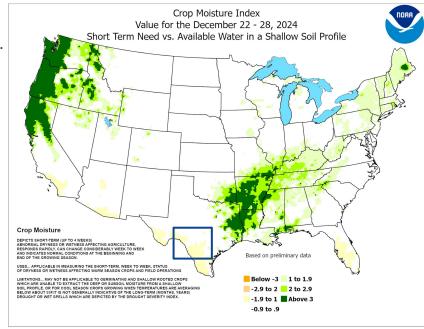




Links to the latest Soil Moisture Ranking Percentile and Crop Moisture Index by Division.

- Soil moistures across the service area are shown in the below to well below normal range as of December 31st.
- Crop moisture index values show normal to below normal conditions across all of our service area as of December 28th

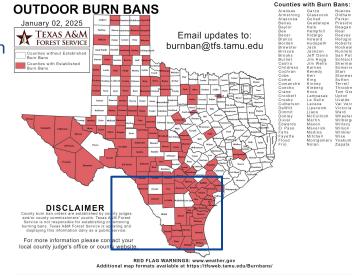






Link to Wildfire Potential Outlooks from the National Interagency Coordination Center.

- Keetch Byram Drought
 Index values of less than
 400 are primarily in a
 singular county in the
 Coastal Plains from
 recent rains.
- Values range between 500 and 800 across a majority of the service area.
- Above normal wildland fire potential is expected for January.



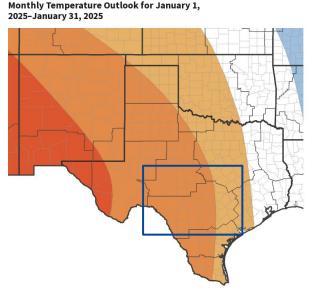
Burn bans remain for 23 of our 33 counties as of January 2, 2025. Latest County Burn Ban map available <u>here.</u>

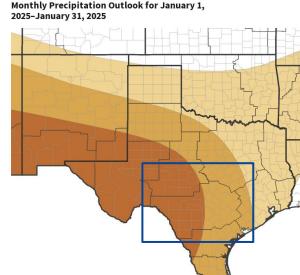


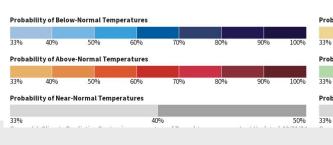
Long-Range Outlooks

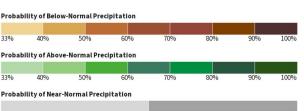
The latest monthly and seasonal outlooks can be found on the CPC homepage

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







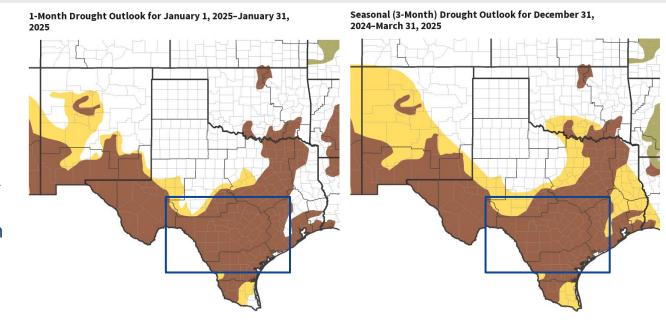


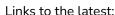


Drought Outlook

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

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





Climate Prediction Center Monthly Drought Outlook Climate Prediction Center Seasonal Drought Outlook

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

Drought Is Predicted To...

No Drought Last Updated: 12/31/24

No Drought Source(s): Climate Prediction Center; image courtesy of Drought.gov

Drought Is Predicted To...

Last Updated: 12/31/24

