



Drought Information Statement for South Central Texas

Valid April 4, 2024

Issued By: NWS Austin/San Antonio

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

- This product will be updated May 2, 2024 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.
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- Minimal improvements in drought conditions over the past month, while conditions worsening across the west
 - Reservoir levels in the Hill County and along the Rio Grande remain very low
 - Monthly outlooks give some hope for improvement



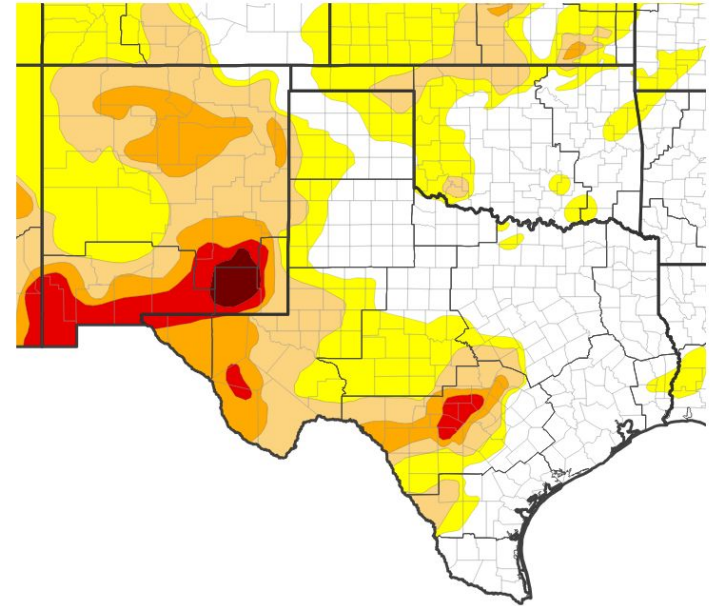


U.S. Drought Monitor

Link to the [latest U.S. Drought Monitor](#) for south central Texas

- Drought intensity and Extent
 - **D3 (Extreme Drought):** Covers portions of the Hill Country and I-35 corridor
 - Percent of Area: 7.18%
 - **D2 (Severe Drought):** Extends across the portions of the Hill Country, Rio Grande Plains, and I-35 corridor
 - Percent of Area: 19.46%
 - **No Drought or D0 (Abnormally Dry):** Extends across the portions of Rio Grande Plains, and Coastal Plains
 - Percent of Area: 40.93%

U.S. Drought Monitor



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

Data Valid: 04/02/24

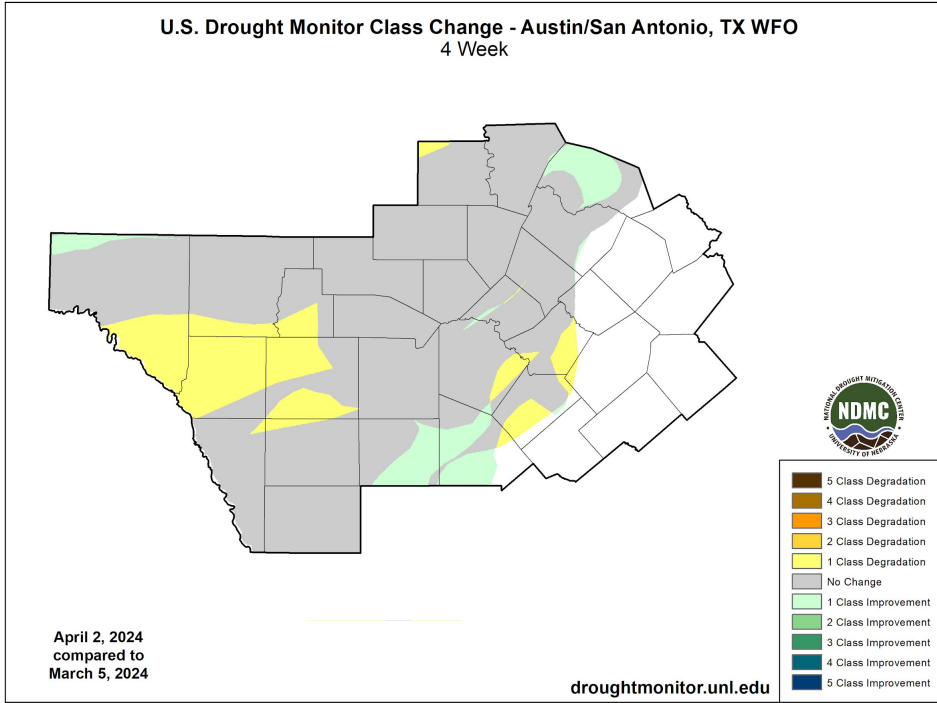




Recent Change in Drought Intensity

Link to the latest [4-week change map](#) for south central Texas

- Four Week Drought Monitor Class Change.
 - Drought Worsened: Portions of the southern Edwards Plateau, Rio Grande Plains, and localised areas in the Hill Country and Coastal Plains
 - No Change: Portions of the southern Edwards Plateau, I-35 Corridor, Rio Grande Plains, and Hill Country
 - Drought Improved: Small portions of the I-35 corridor, Rio Grande Plains and Coastal Plains



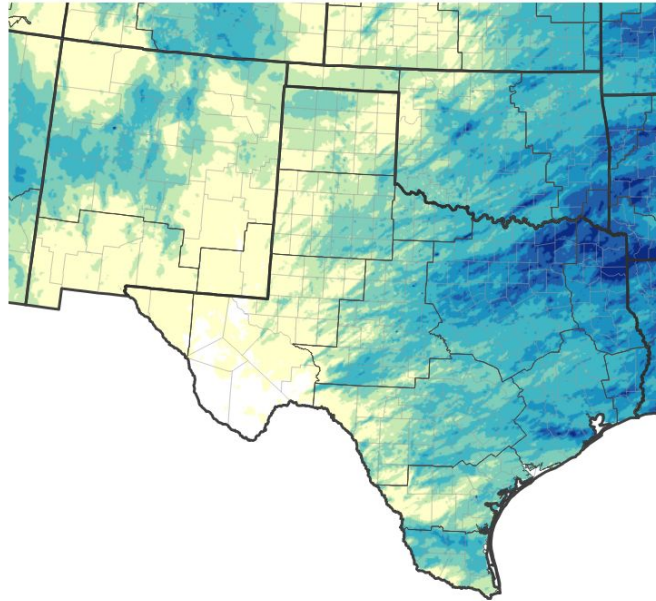


Precipitation

Links to the latest [Precipitation Accumulation](#) and [Percent of Normal](#) over the past 30 days

- Less than normal rainfall was seen over the vast majority of south central Texas over the past 30 days.
- Isolated spots in the southern Edwards Plateau, Coastal Plains, I-35 corridor, and Hill Country saw near normal to above normal rainfall.
- The Rio Grande Plains received the least amount of rain for the month (less than 25 percent of normal).

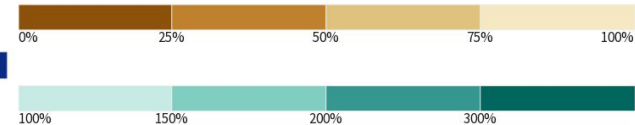
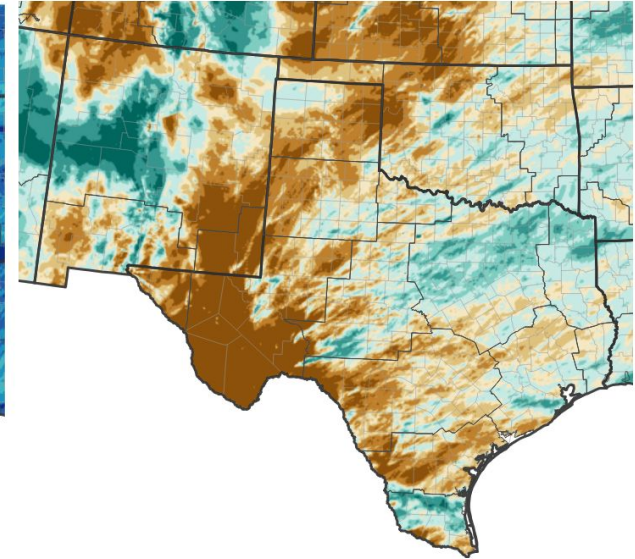
30-Day Precipitation Accumulations (Inches)



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

Last Updated: 04/04/24

30-Day Percent of Normal Precipitation



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

Last Updated: 04/04/24





Summary of Impacts

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

Hydrologic Impacts

- Portions of the lower Colorado, San Antonio, and Blanco basins have normal flows
- The remainder of river basins across the service area fall into either below or much below normal range
- Medina Lake is now at 2.9 percent capacity, and Canyon Lake is approximately a tenth of a foot from record low levels
- See next page for more details.

Agricultural Impacts

- Please see the latest [Crop & Weather Report](#) from Texas A&M Agrilife.
- Near normal crop moisture values are shown across the three crop divisions within the service area.

Fire Hazard Impacts

- Normal wildland fire activity is forecast through the month of April.
- See Fire Hazard page for more details.

Drought Mitigation Actions

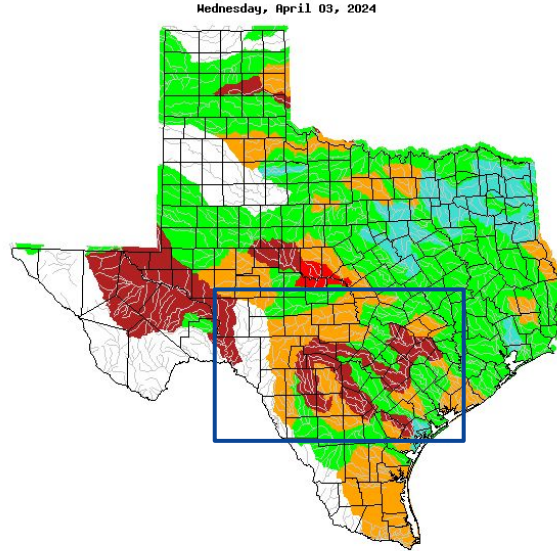
- Please refer to your municipality and/or water provider for mitigation information.
- Select [Municipality Restrictions](#) (as of 4/4/2024)
 - City of Fredericksburg: Stage 4
 - City of Kerrville: Stage 2
 - City of Georgetown: Stage 2
 - City of Uvalde: Stage 4
 - City of San Antonio: Stage 2
 - City of Universal City: Stage 2
 - City of New Braunfels: Stage 2
 - City of Austin: Stage 2
 - City of Del Rio: Stage 2
 - City of Llano: Stage 2





Hydrologic Conditions and Impacts

- Portions of the lower Colorado, San Antonio, and Blanco basins have normal flows
- The remainder of river basins across the service area fall into either below or much below normal range
- Medina Lake is now at 2.9 percent capacity, and Canyon Lake is approximately a tenth of a foot from record low levels



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		

Figure Caption: [USGS 7 day streamflows for Texas](#), valid April 3, 2024

Reservoir	Pool Elevation	Current Elevation	Percent Full
Amistad	1117.00 feet	1050.91 feet	28.2%
Medina Lake	1064.2 feet	973.16 feet	2.9%
Canyon Lake	909.00 feet	887.20 feet	59.7%
Granger Lake	504.00 feet	504.70 feet	100%
Georgetown Lake	791.00 feet	783.24 feet	75.4%
Lake Buchanan	1020.00 feet	995.06 feet	46.5%
Lake LBJ	825.00 feet	824.70 feet	98.3%
Lake Marble Falls	738.00 feet	736.26 feet	94.1%
Lake Travis	681.00 feet	630.85 feet	37.6%
Lake Austin	492.9 feet	492.16 feet	95.8%

Table caption: [TWDB Reservoir](#) conditions as of April 3, 2024

Additional data:

[Edwards Aquifer, Bexar Index Well J-17](#) as of

April 4, 2024:

10 day average: 639.6

Historical Monthly Average: 666.5

Departure from Average: -27.9



National Oceanic and Atmospheric Administration

U.S. Department of Commerce

National Weather Service
Austin/San Antonio, TX

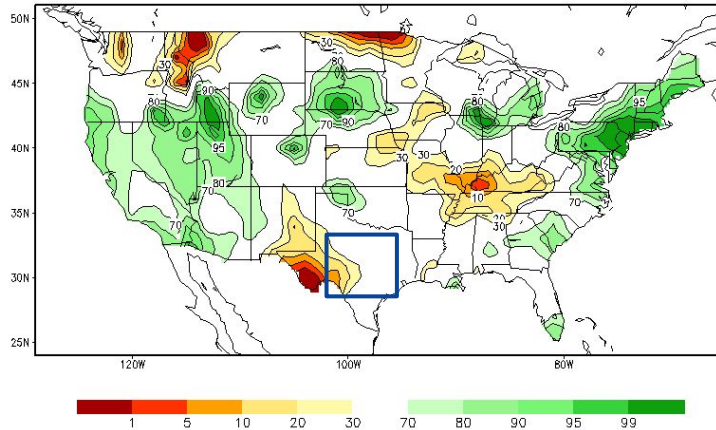


Agricultural Impacts

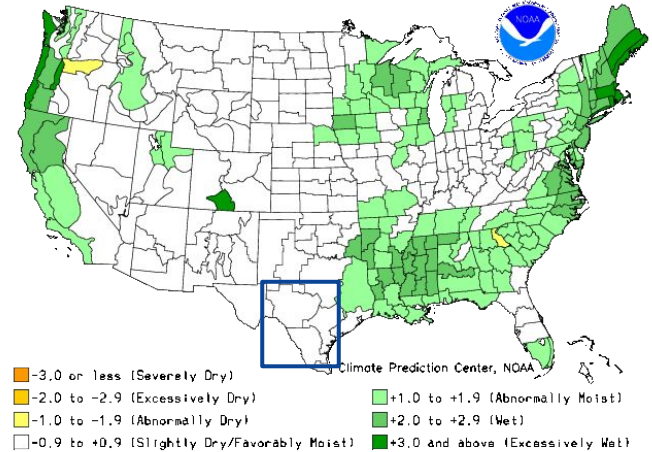
Links to the latest [Soil Moisture Ranking Percentile](#) and [Crop Moisture Index by Division](#).

- Soil moistures are near normal across much of the area.
- Below normal soil moistures remain across portions of the southern Edwards Plateau and Rio Grande Plains.
- Near normal crop moisture values are shown across the three crop divisions within the service area.

Calculated Soil Moisture Ranking Percentile
APR 03, 2024



Crop Moisture Index by Division
Weekly Value for Period Ending MAR 30, 2024
Short Term Need vs. Available Water in a Shallow Soil Profile

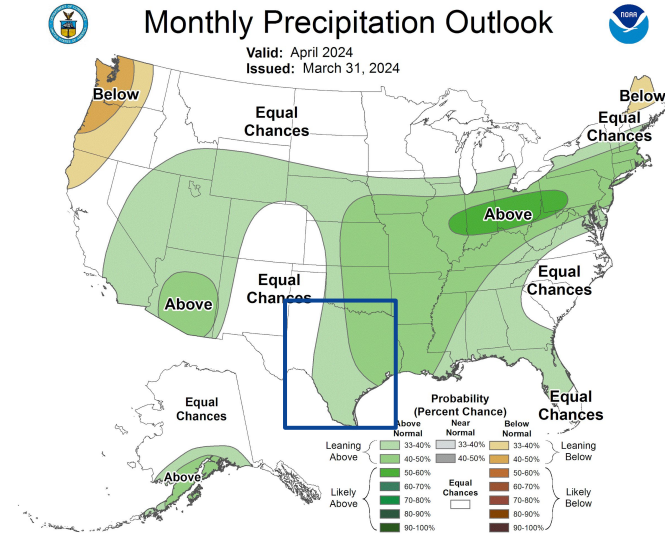
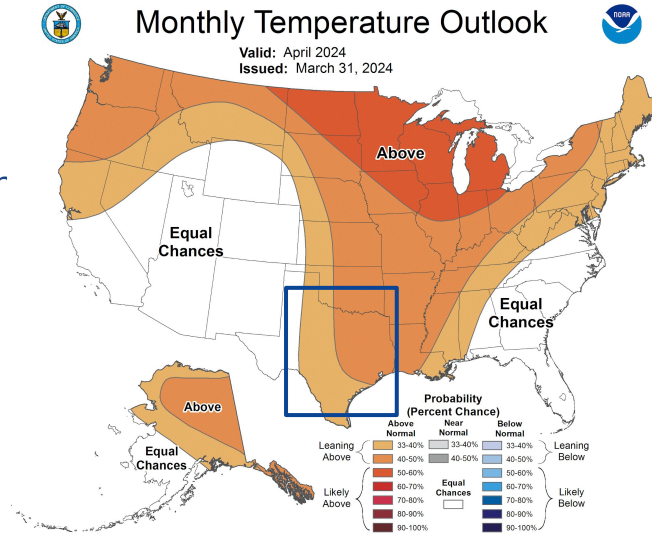




Long-Range Outlooks

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

- Chances lean towards above normal temperatures for the month of April.
- Chances lean towards above normal precipitation for the month of April.



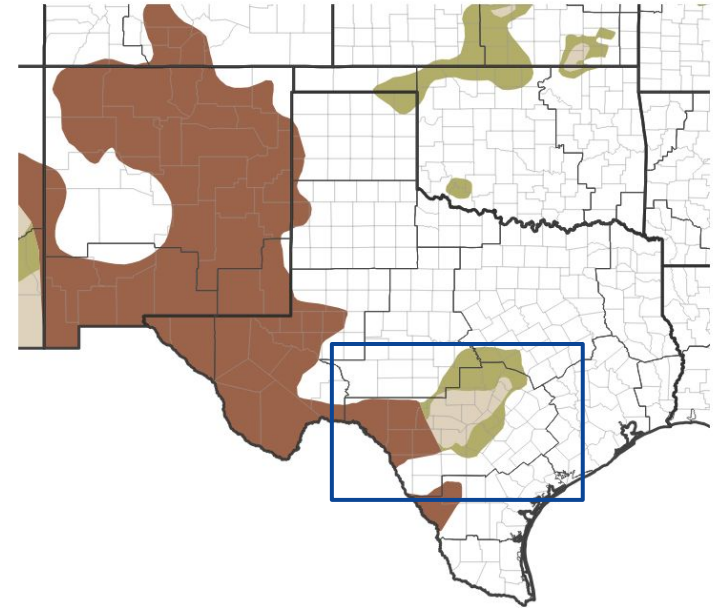


Drought Outlook

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

- The Drought Outlook shows potential for drought conditions to persist across portions of the Rio Grande Plains and southern Edwards Plateau.
- Drought conditions are forecast to improve or end across portions of the Hill Country, I-35 Corridor, and southern Edwards Plateau.

1-Month Drought Outlook



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

Data Valid: 03/31/24

Links to the latest:

[Climate Prediction Center Monthly Drought Outlook](#)

[Climate Prediction Center Seasonal Drought Outlook](#)



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