



Drought Information Statement for South Central Texas

Valid June 6, 2024

Issued By: NWS Austin/San Antonio

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

- This product will be updated June 6, 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.
-
- Some drought improvement seen over the northeastern portion of the service area while drought conditions worsen across the west
 - Reservoir levels in the Hill County and along the Rio Grande remain very low
 - Monthly outlooks show hot temperatures with only slight chance for above normal rainfall for a portion of the service area for June

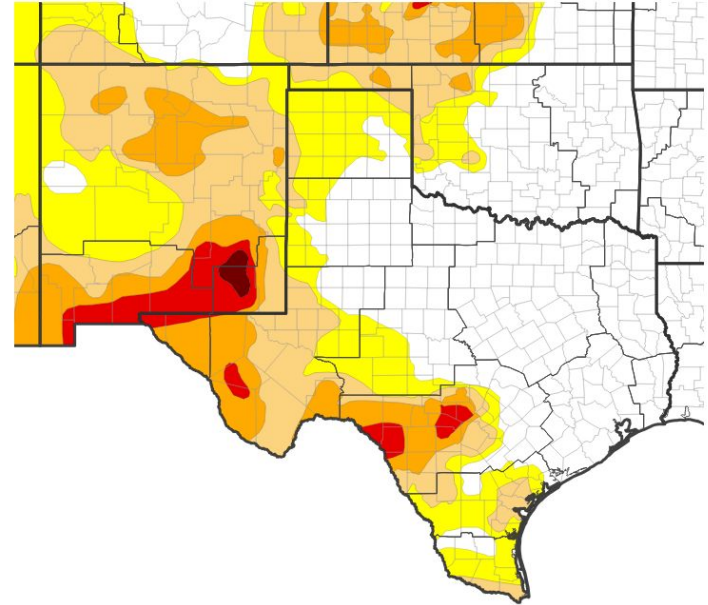


U.S. Drought Monitor

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: 10.71%
 - **D2 (Severe Drought):** Extends across the portions of the Hill Country, Rio Grande Plains, and I-35 corridor
 - Percent of Area: 27.22%
 - **No Drought or D0 (Abnormally Dry):** Extends across the portions of Rio Grande Plains, and Coastal Plains
 - Percent of Area: 41.19%

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 06/04/24

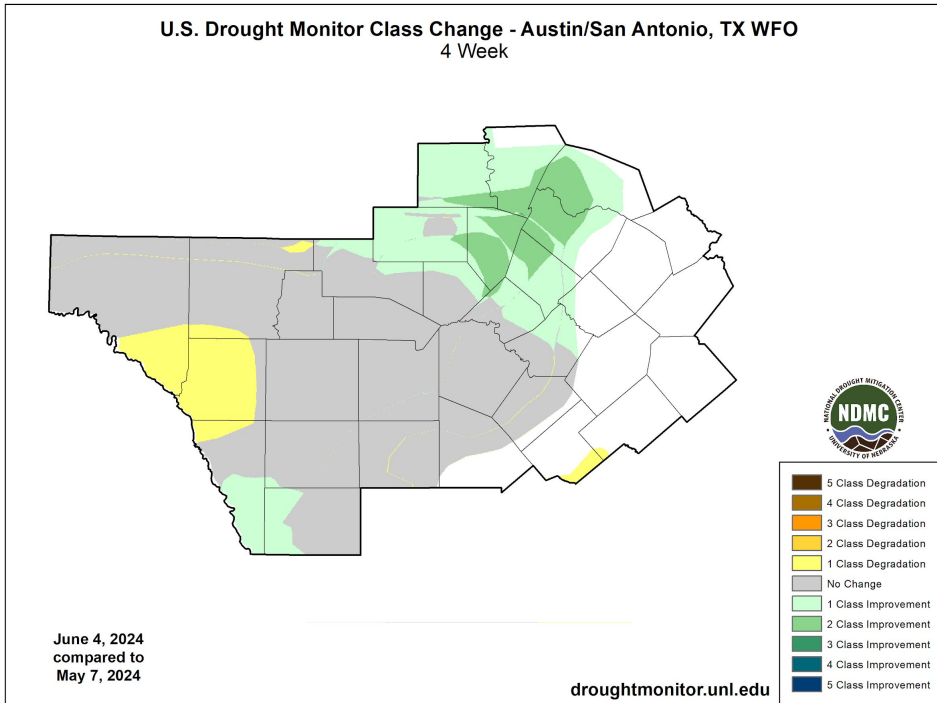




Recent Change in Drought Intensity

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, and Rio Grande Plains
 - No Change: Portions of the southern Edwards Plateau, I-35 Corridor, Rio Grande Plains, and Hill Country
 - Drought Improved: Portions of the Hill Country, and I-35 corridor



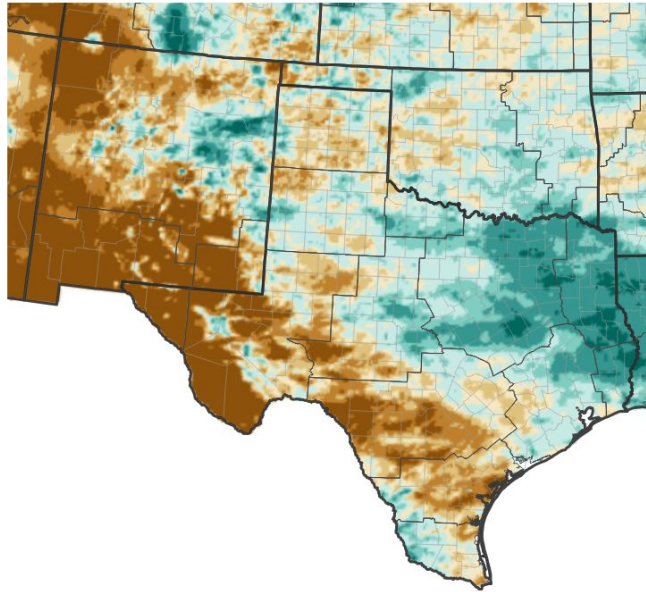


Precipitation

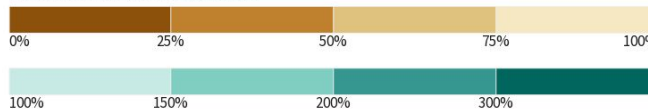
Links to the latest [Precipitation Accumulation](#) and [Percent of Normal](#) over the past 30 days

- Less than normal rainfall was seen over the vast majority of south central Texas over the past 30 days
- Locations in the Hill Country, I-35 corridor, and isolated spots in the Coastal Plains saw near and above normal rainfall for the past 30 days
- Adjacent counties of the Rio Grande River less than 25 percent of normal

30-Day Precipitation: Percent of PRISM Normal

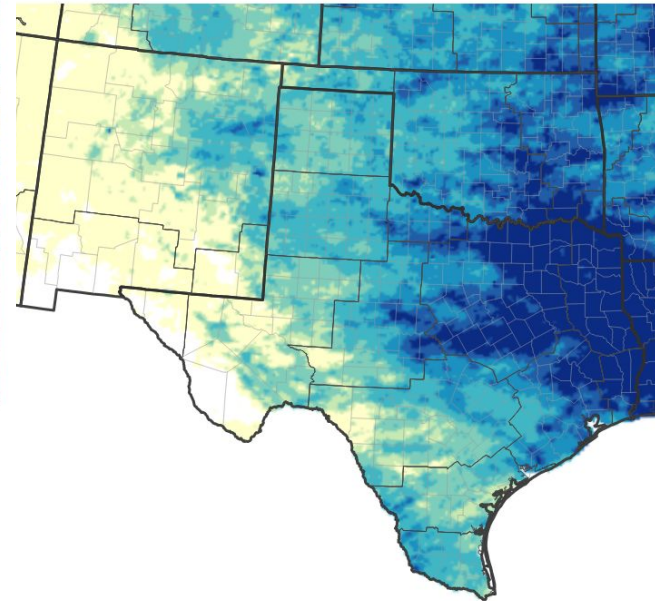


Percent of Normal Precipitation (%)



Source(s): National Weather Service National Water Prediction Service; image courtesy of Drought.gov Data Valid: 06/05/24

WPS 30-Day Precipitation Accumulations (inches)



Inches of Precipitation



Source(s): National Weather Service National Water Prediction Service; image courtesy of Drought.gov Data Valid: 06/05/24





Summary of Impacts

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

Hydrologic Impacts

- Recent rainfall helped to improve streamflows over portions of the Colorado, Pedernales, Llano, and San Gabriel basins ([USGS](#))
- Below to much below average streamflows have persisted across the Guadalupe, Medina, Frio, Nueces, and Rio Grande basins ([USGS](#))
- Medina Lake is now at 2.5 percent capacity, and Canyon Lake is less than a quarter of a foot from setting new record low elevations ([Texas Water Development Board](#))
- See next page for more details

Agricultural Impacts

- Please see the latest [Crop & Weather Report](#) from Texas A&M Agrilife
- Soil moisture is near normal across much of the service area while portions of the Rio Grande Plains and southern Edwards Plateau are experiencing below normal soil moisture ([NWS Climate Prediction Center](#))

Fire Hazard Impacts

- Normal wildland fire activity is forecast through the month of June ([National Interagency Coordination Center](#))
- See Fire Hazard page for more details

Drought Mitigation Actions

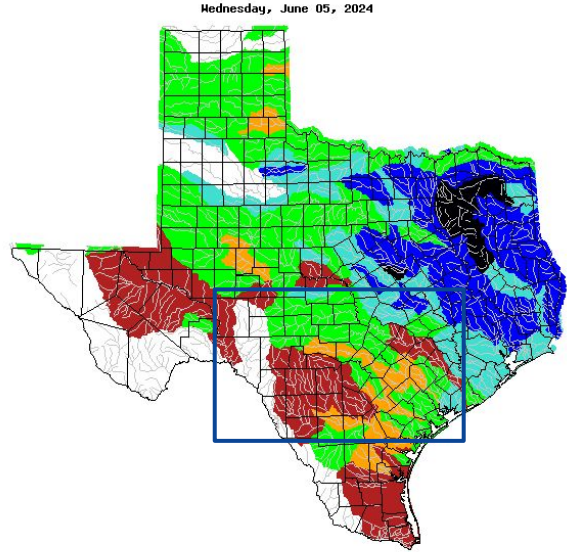
- Please refer to your municipality and/or water provider for mitigation information.
- Select [Municipality Restrictions](#) (as of 5/2/2024)
 - City of Uvalde: Stage 5
 - City of Fredericksburg: Stage 4
 - City of Kerrville: Stage 3
 - City of Georgetown: Stage 2
 - City of San Antonio: Stage 2
 - 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

- Recent rainfall helped to improve streamflows over portions of the Colorado, Pedernales, Llano, and San Gabriel basins
- Below to much below average streamflows have persisted across the Guadalupe, Medina, Frio, Nueces, and Rio Grande basins
- Medina Lake is now at 2.5 percent capacity, and Canyon Lake is less than a quarter of a foot from setting new record low elevations



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 June 6, 2024

Reservoir	Pool Elevation	Current Elevation	Percent Full
Amistad	1117.00 feet	1049.30 feet	26.6%
Medina Lake	1064.2 feet	971.43 feet	2.5%
Canyon Lake	909.00 feet	885.81 feet	57.5%
Granger Lake	504.00 feet	506.07 feet	100%
Georgetown Lake	791.00 feet	788.46 feet	91.5%
Lake Buchanan	1020.00 feet	1009.43 feet	78.2%
Lake LBJ	825.00 feet	824.72 feet	98.4%
Lake Marble Falls	738.00 feet	736.41 feet	95.3%
Lake Travis	681.00 feet	634.89 feet	41.1%
Lake Austin	492.9 feet	492.17 feet	95.9%

Table caption: [TWDB Reservoir](#) conditions as of June 6, 2024

Additional data:

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

June 6, 2024:

10 day average: 630.4

Historical Monthly Average: 662.3

Departure from Average: -33.9



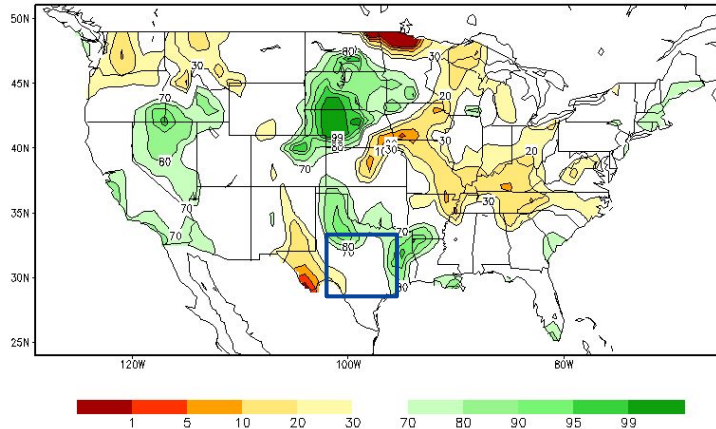


Agricultural Impacts

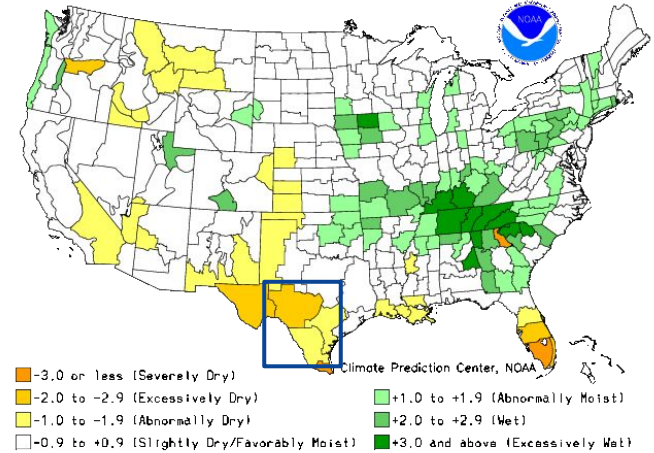
Links to the latest [Soil Moisture Ranking Percentile](#) and [Crop Moisture Index by Division](#).

- Soil moisture is near normal across much of the service area while portions of the Rio Grande Plains and southern Edwards Plateau are experiencing below normal soil moisture
- Crop moisture index values range from near normal for the northeastern most climate region to excessively dry across the western most climate zone in the service area

Calculated Soil Moisture Ranking Percentile
JUN 04, 2024



Crop Moisture Index by Division
Weekly Value for Period Ending JUN 1, 2024
Short Term Need vs. Available Water in a Shallow Soil Profile

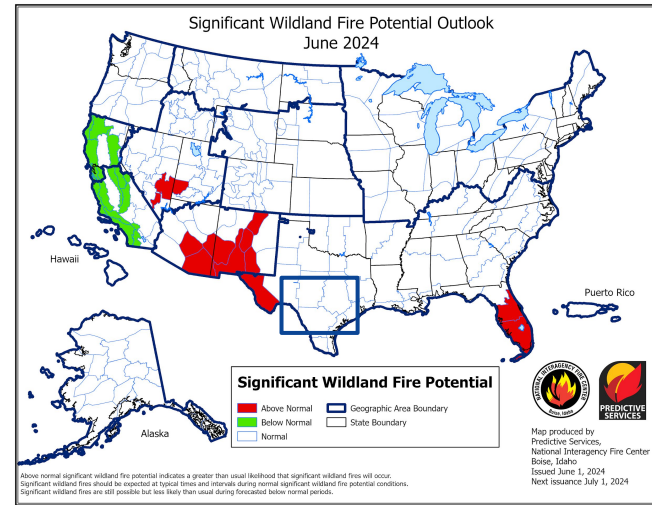
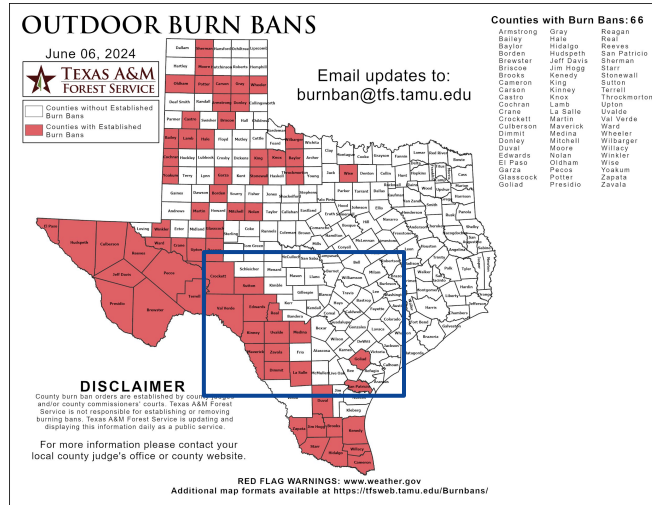




Fire Hazard Impacts

Link to [Wildfire Potential Outlooks from the National Interagency Coordination Center](#).

- [Keetch Byram Drought Index values](#) remain at or below 200 across portions of the the Hill Country, and I-35 corridor
- Values range between 600 and 700 across the Rio Grande Plains, southern Edwards Plateau, and portions of the Hill Country and I-35 corridor
- Normal wildland fire activity is forecast through the month of June



Burn bans remain for 9 of our 33 counties as of June 6, 2024. Latest County Burn Ban map available [here](#).



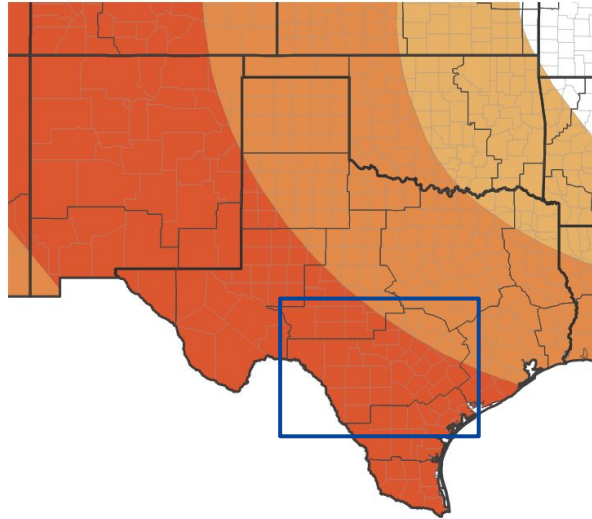


Long-Range Outlooks

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

- The temperature outlook for the month of June shows strong chances for above normal temperatures
- The precipitation outlook shows equal chances for above, below, or near normal chances for the month of June across the southern Edwards Plateau, Rio Grande Plains, portions of the Hill Country, and Coastal Plains
- The precipitation outlook shows a slight lean towards above normal precipitation chances for portions of the Hill County, I-35 Corridor, and Coastal Plains

Monthly Temperature Outlook



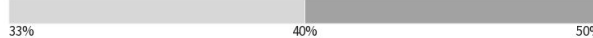
Probability of Below-Normal Temperatures



Probability of Above-Normal Temperatures



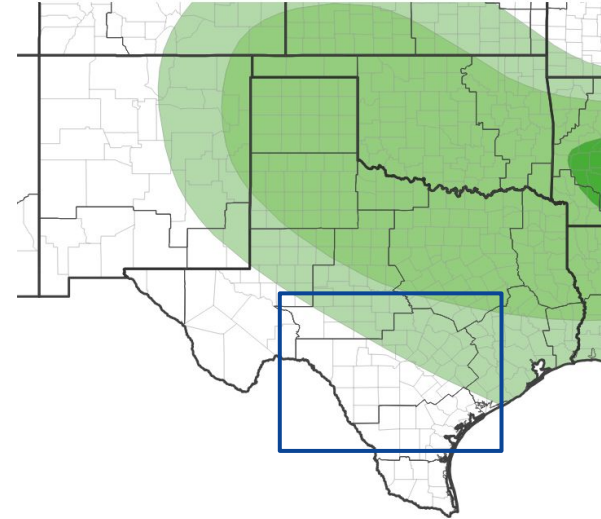
Probability of Near-Normal Temperatures



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

Data Valid: 06/31/24

Monthly Precipitation Outlook



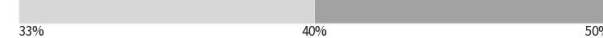
Probability of Below-Normal Precipitation



Probability of Above-Normal Precipitation



Probability of Near-Normal Precipitation



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

Data Valid: 06/31/24



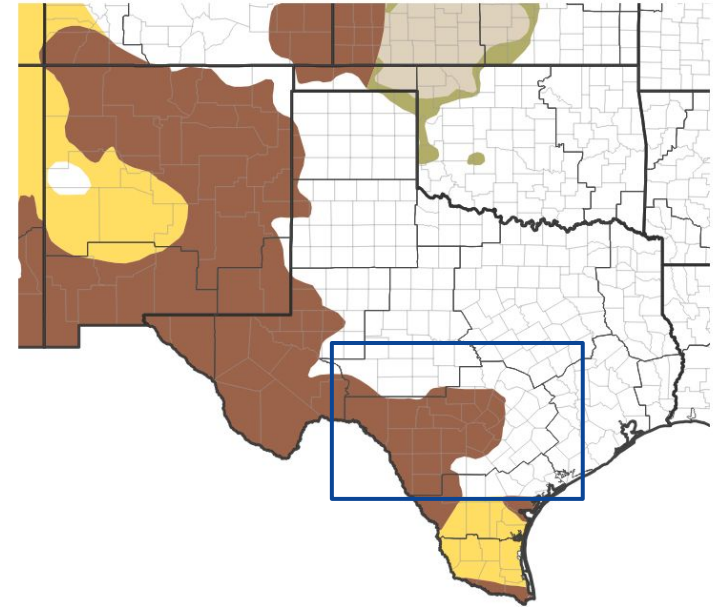


Drought Outlook

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

- Drought conditions are forecast to persist across portions of the southern Edwards Plateau and Rio Grande Plains through the month of June
- The three month outlook shows portions of the Coastal Plains to develop drought through August

1-Month Drought Outlook



Drought Is Predicted To...



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

Data Valid: 05/31/24

Links to the latest:

[Climate Prediction Center Monthly Drought Outlook](#)

[Climate Prediction Center Seasonal Drought Outlook](#)



National Oceanic and
Atmospheric Administration

U.S. Department of Commerce

National Weather Service
Austin/San Antonio, TX