



Drought Information Statement for South Central Texas

Valid November 2, 2023

Issued By: NWS Austin/San Antonio, TX

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

- This product will be updated Dec 7, 2023 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.



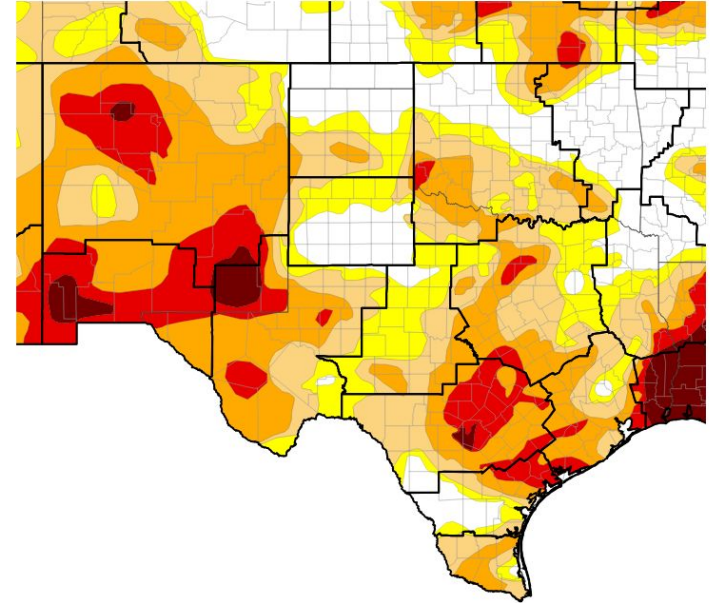


U.S. Drought Monitor

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

- Drought intensity and Extent
 - D4 Exceptional Drought: Resides over portions of Bexar and Medina Counties
 - D3 Extreme Drought: Covers portions of the Hill Country, I-35 corridor, and Coastal Plains
 - D2 Severe Drought: Extends across the Hill Country, I-35 corridor, Coastal Plains, and portions of the Rio Grande Plains.

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 10/31/23

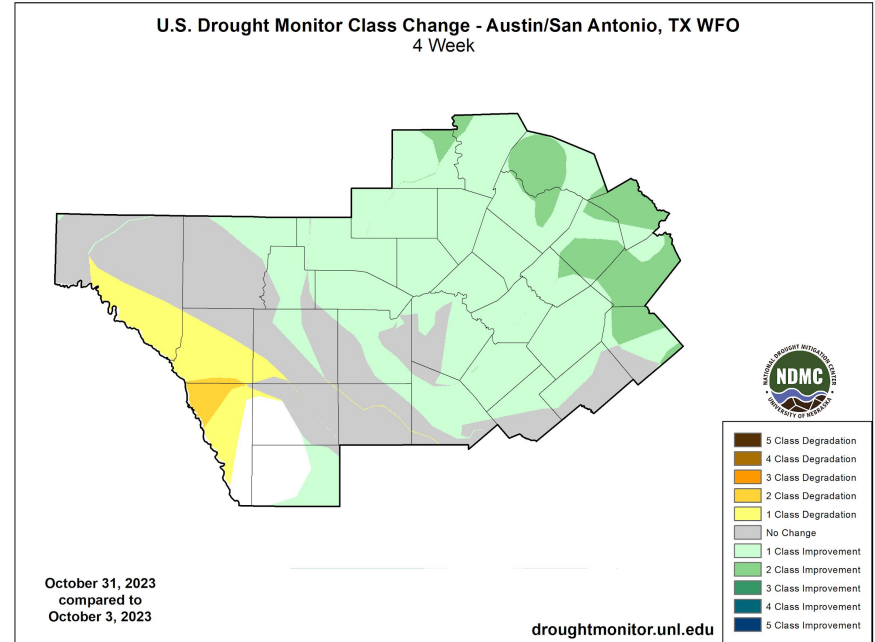




Recent Change in Drought Intensity

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

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



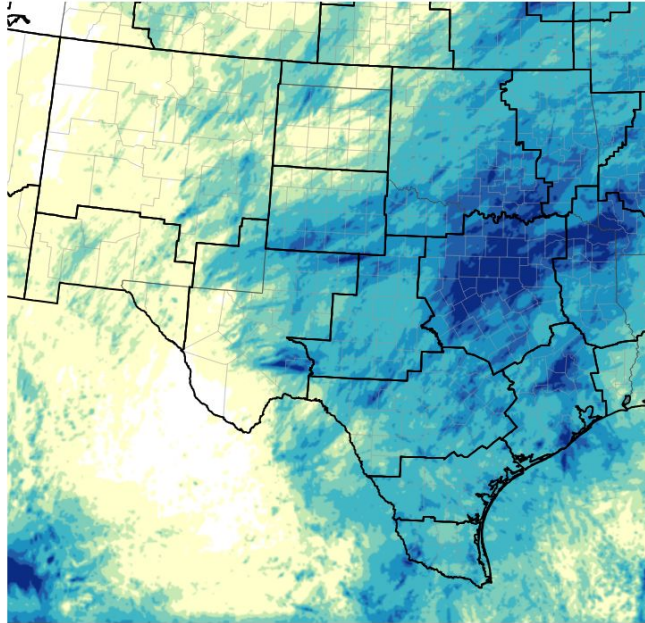


Precipitation

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

- Late October saw the return of several showers and thunderstorms that brought locally heavy rainfall to a sizable portion of the area. This provided some much needed drought improvement.
- A portion of Maverick and Kinney Counties saw less than half of the normal rainfall for the month of October.

30-Day Precipitation Accumulations (Inches)



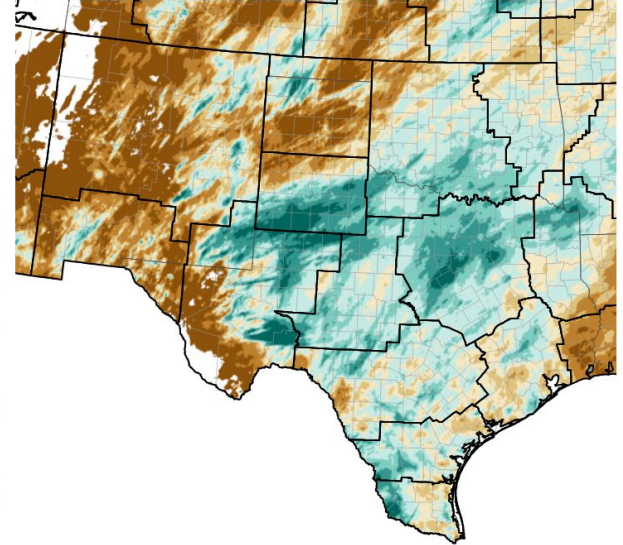
Inches of Precipitation



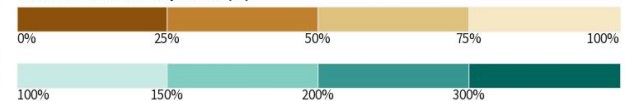
Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov

Last Updated: 11/01/23

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: 11/01/23





Summary of Impacts

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

Hydrologic Impacts

- Many of the river basins across the service area have improved into the normal to much above normal range. Portions of the Nueces, and Guadalupe river basins remain below to much below normal. See next page for more details.

Agricultural Impacts

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

Fire Hazard Impacts

- Normal wildland fire activity is expected for the month of November. More details below.

Other Impacts

- Canyon Lake remains at lowest lake pool elevation since being constructed.

Drought Mitigation Actions

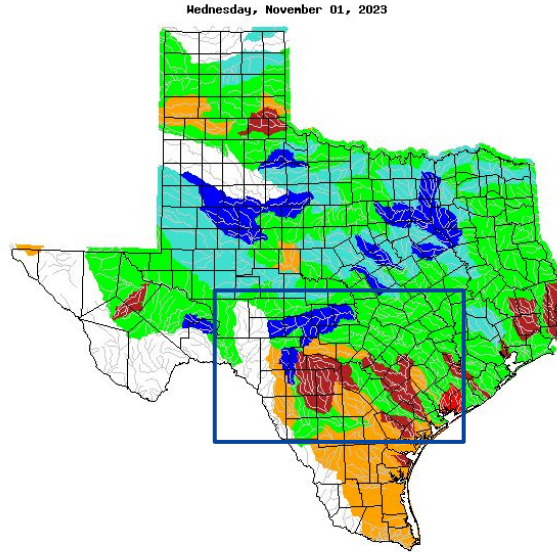
- Please refer to your municipality and/or water provider for mitigation information.
- Select [Municipality Restrictions](#) (as of 11/2)
 - Kerrville: Stage 4
 - Fredericksburg: Stage 4
 - City of Llano: Stage 4
 - City of Georgetown: Stage 2
 - San Antonio: Stage 2
 - Universal City: Stage 2
 - New Braunfels: Stage 2
 - Austin: Stage 2





Hydrologic Conditions and Impacts

- Many of the river basins across the service area have improved into the normal to much above normal range.
- Portions of the Nueces, and Guadalupe river basins remain below to much below normal.
- Canyon Lake remains at its lowest level on record.



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 November 1, 2023

Reservoir	Pool Elevation	Current Elevation	Percent Full
Amistad	1117.00 feet	1063.81 feet	29.7%
Medina Lake	1064.2 feet	9.76.31 feet	3.7%
Canyon Lake	909.00 feet	889.42 feet	63.2%
Granger Lake	504.00 feet	501.20 feet	79.3%
Georgetown Lake	791.00 feet	771.28 feet	45.3%
Lake Buchanan	1020.00 feet	993.89 feet	44.6%
Lake LBJ	825.00 feet	824.66 feet	98.1%
Lake Marble Falls	738.00 feet	736.46 feet	95.7%
Lake Travis	681.00 feet	6.32.21 feet	38.7%
Lake Austin	492.9 feet	492.06 feet	95.2%

Table caption: [TWDB Reservoir](#) conditions as of November 2, 2023

Additional data:
[Edwards Aquifer, Bexar Index Well J-17](#) as of November 2, 2023:

10 day average: 634.9

Historical November Average: 666.2

Departure from Average: -30.5



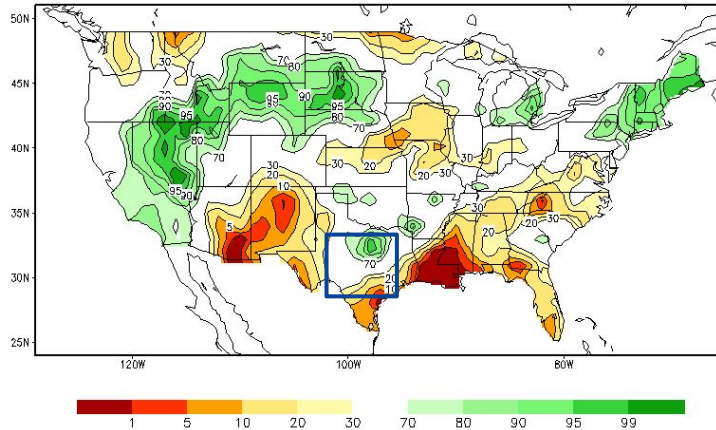


Agricultural Impacts

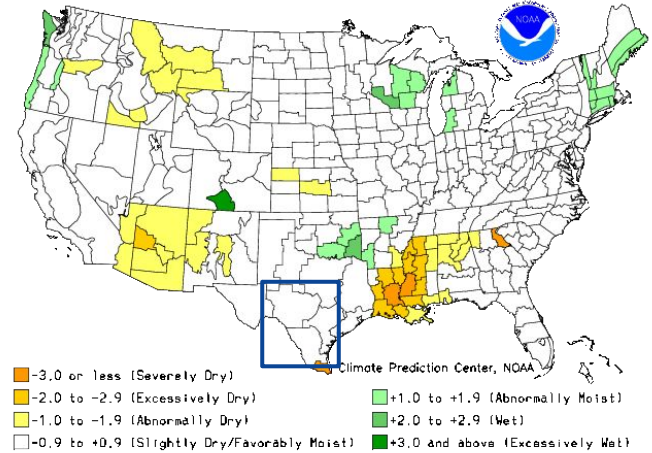
Links to the latest [Soil Moisture Ranking Percentile](#) and [Crop Moisture Index by Division](#).

- Soil moistures have improved to near normal across much of the area with portions of the Coastal Plains below normal, and a small position of the Hill Country above normal.
- Near normal crop moistures are shown across the three crop divisions within the service area.

Calculated Soil Moisture Ranking Percentile
NOV 01, 2023



Crop Moisture Index by Division
Weekly Value for Period Ending OCT 28, 2023
Short Term Need vs. Available Water in a Shallow Soil Profile

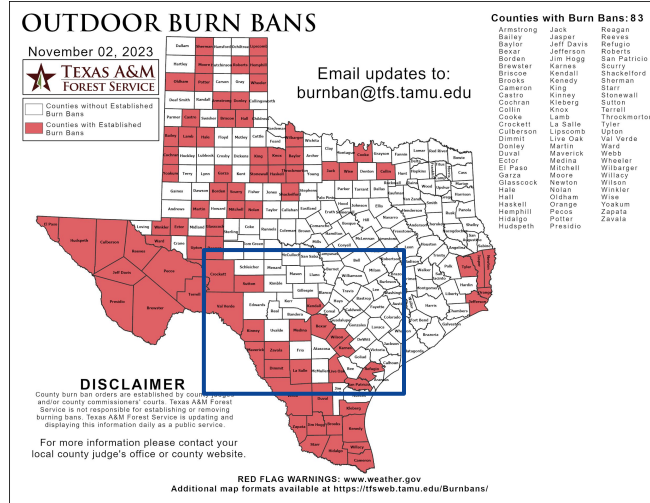




Fire Hazard Impacts

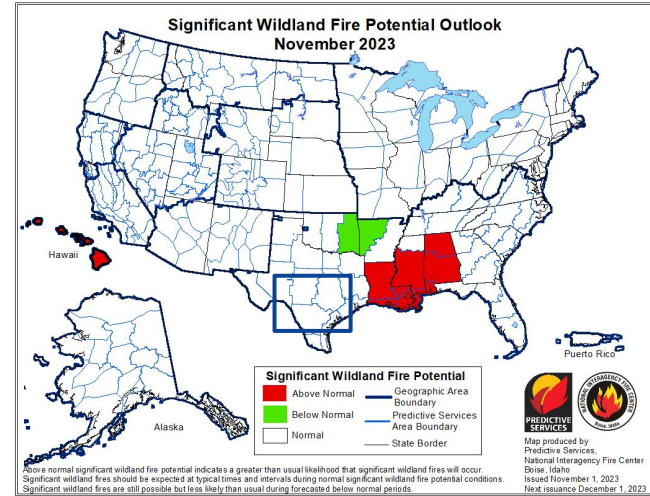
Link to [Wildfire Potential Outlooks from the National Interagency Coordination Center](#).

- [Keetch Byram Drought Index values](#) have dropped below 200 across much of the Hill Country, I-35 corridor, Coastal Plains, and southern Edwards Plateau. Values over 500 are still across portions of the Rio Grande Plains



- Normal wildland fire activity has been observed over the past several weeks, and outlooks suggest this will continue through November.

Burn bans remain for 9 of our 33 counties as of November 2nd, 2023. Latest County Burn Ban map available [here](#).

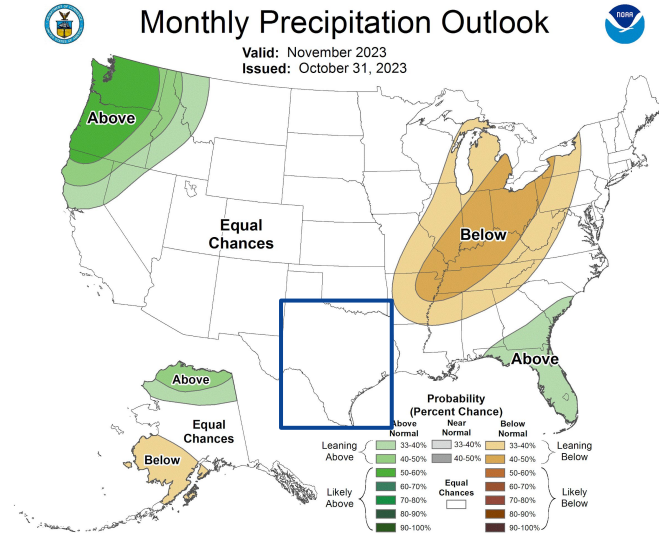
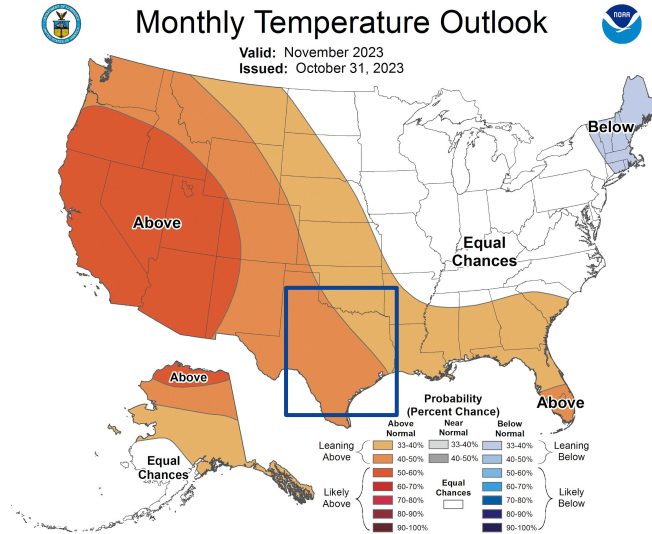




Long-Range Outlooks

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

- Odds lean towards above normal temperatures to continue on average through the month of November.
- Chances are equal for above, below, or near normal precipitation for November.



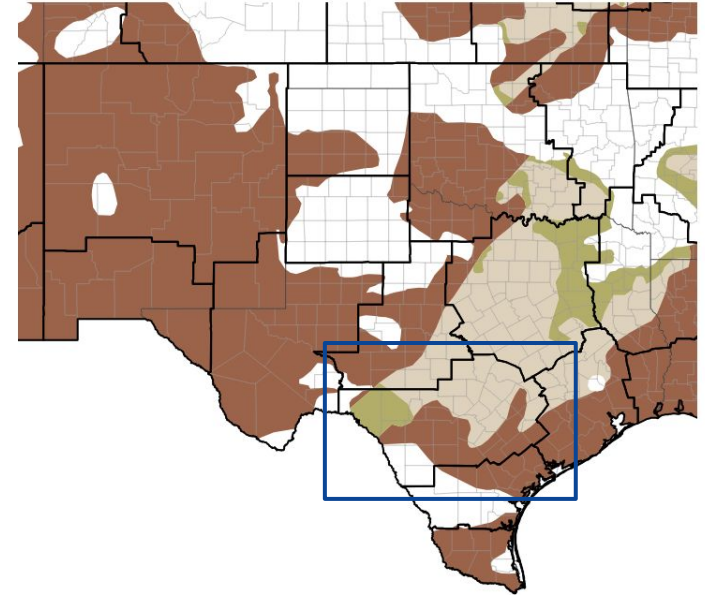


Drought Outlook

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

- The Drought Outlook reflects potential improvement of drought conditions due to ENSO through the month of November.
- While improvement or ending of drought conditions across a sizable portion of the area, a swath of the Rio Grande Plains, southern Edwards Plateau, and Coastal Plains of persistent drought is expected through November.

1-Month Drought Outlook



Drought is Predicted To...



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

Data Valid: 10/31/23

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