



Drought Information Statement for West-Central Texas

Valid November 21, 2023

Issued By: WFO San Angelo, TX

Contact Information: nws.sanangelo@noaa.gov

- This product will be updated December 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/SJT/DroughtInformationStatement> for previous statements.



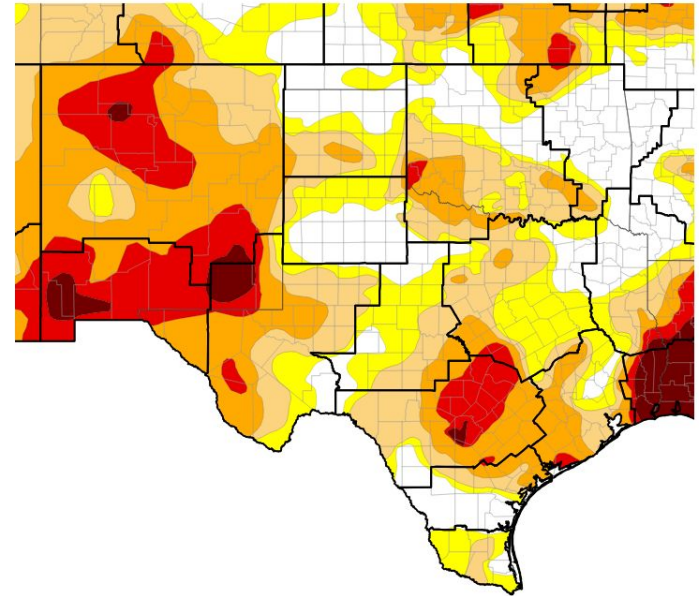


U.S. Drought Monitor

Link to the [latest U.S. Drought Monitor](#) for West-Central Texas

- Drought conditions linger with improvement overall
- Drought intensity and Extent
 - D4 (Exceptional Drought): None
 - D3 (Extreme Drought): None
 - D2 (Severe Drought): Southeastern portions of the Northwest Hill Country and Heartland
 - D1 (Moderate Drought): Rest of the Northwest Hill Country, Heartland and eastern portions of the Northern Edwards Plateau
 - D0: (Abnormally Dry): The rest of West Central Texas except the northern Big Country, Irion County, and western Crockett County

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 11/14/23

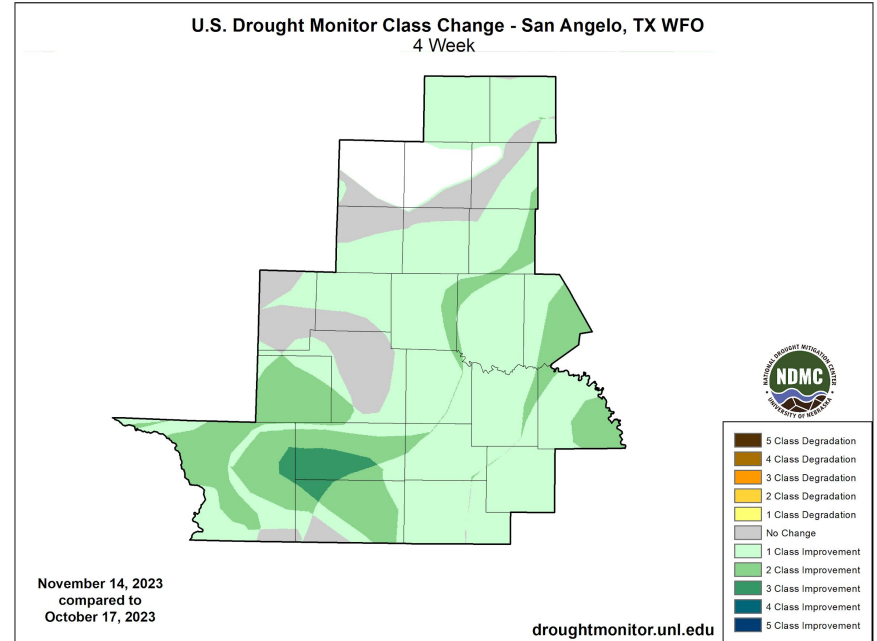




Recent Change in Drought Intensity

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

- Four Week Drought Monitor Class Change.
 - Drought Worsened: None
 - No Change: Central portions of the Big Country, and most of Tom Green and Sterling Counties.
 - Drought Improved: The rest of West Central Texas

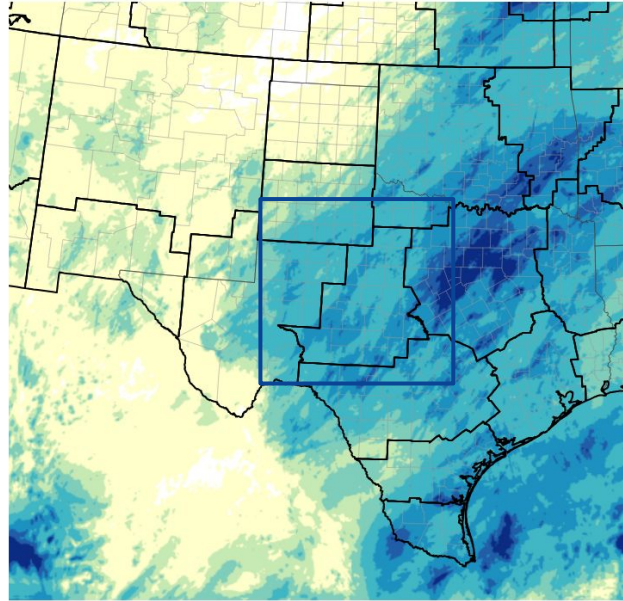




Precipitation

- All of the West Central Texas received above normal rainfall over the past month, at around 150-300% of normal for most of the region.

30-Day Precipitation Accumulations (Inches)



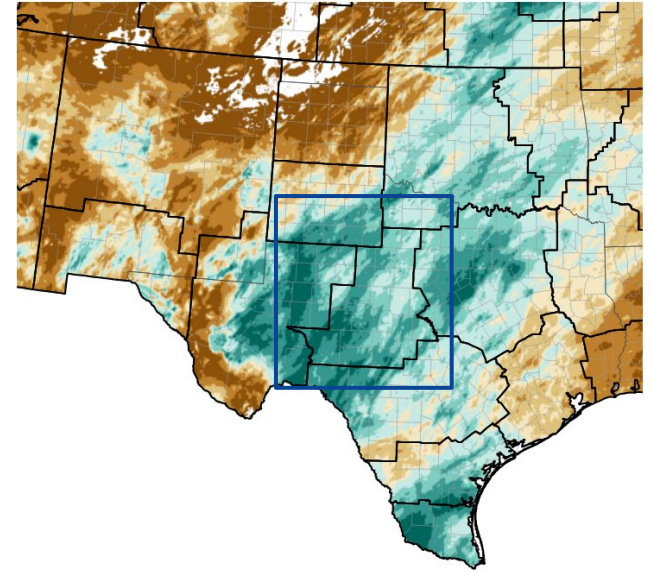
Inches of Precipitation



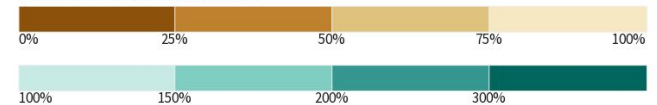
Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov

Last Updated: 11/21/23

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

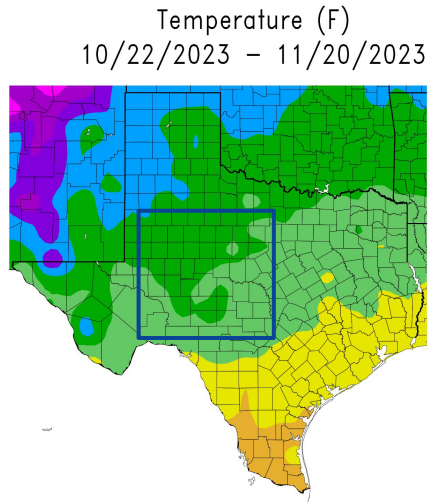
Last Updated: 11/21/23





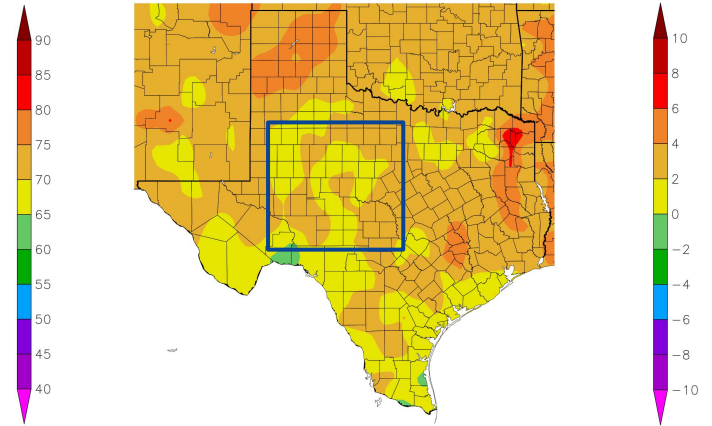
Temperature

- All of the region was 0 to 4 degrees warmer than normal over the past month



Generated 11/21/2023 at HPRCC using provisional data.

Departure from Normal Temperature (F)
10/22/2023 - 11/20/2023



NOAA Regional Climate Centers 2023 at HPRCC using provisional data.

NOAA Regional Climate Centers





Summary of Impacts

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

Hydrologic Impacts

- Despite beneficial rainfall over most of the region, little to no improvement in reservoirs occurred.

Agricultural Impacts

- Normal to slightly above normal soil moisture occurred, with no change in crop moisture.

Fire Hazard Impacts

- Fire Weather conditions continue to be inhibited due to beneficial rainfall.

Other Impacts

- None reported.

Mitigation Actions

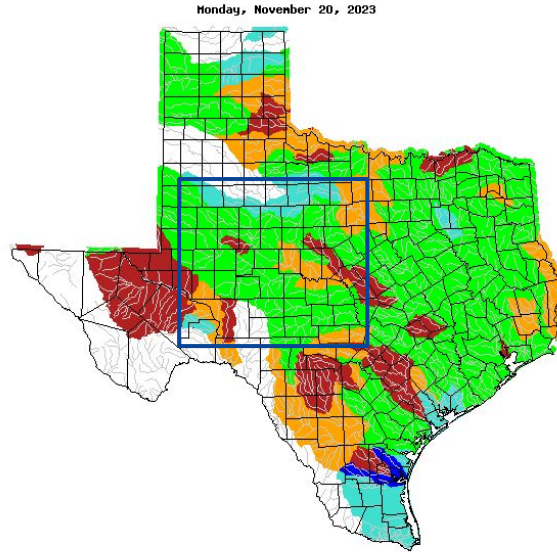
- Please refer to your municipality and/or water provider for mitigation information.





Hydrologic Conditions and Impacts

- Despite beneficial rainfall over most of the region, little to no improvement in reservoirs occurred.
- Streamflows were mostly near normal across most of the area.



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

[Image Caption](#): USGS 7 day average streamflow HUC map valid 11 20 2023

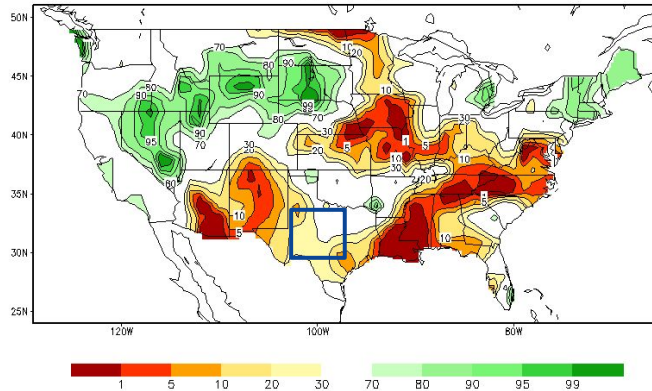




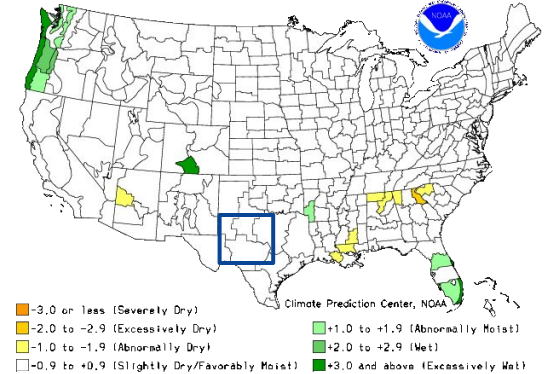
Agricultural Impacts

- Normal to slightly below normal soil moisture occurred, with no change in crop moisture.

Calculated Soil Moisture Ranking Percentile
NOV 20, 2023



Crop Moisture Index by Division
Weekly Value for Period Ending NOV 18, 2023
Short Term Need vs. Available Water in a Shallow Soil Profile



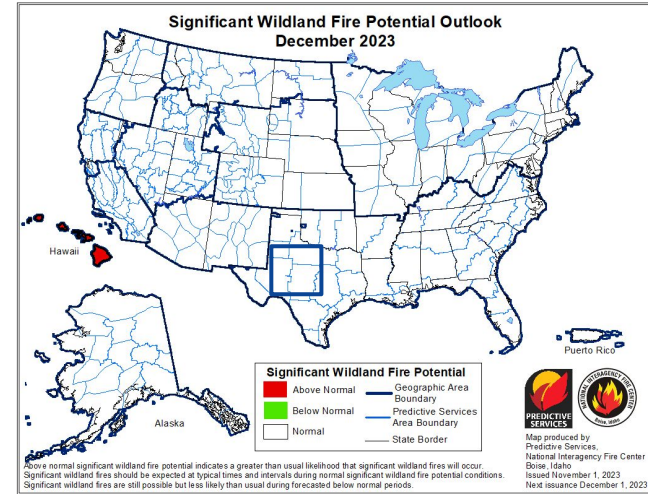
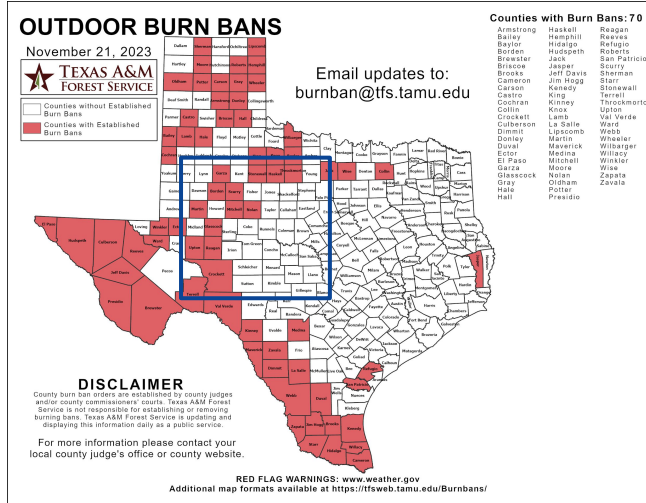


Fire Hazard Impacts

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

- Fire Weather conditions continue to be inhibited due to beneficial rainfall.

Latest TX Burn Ban map available [here](#).

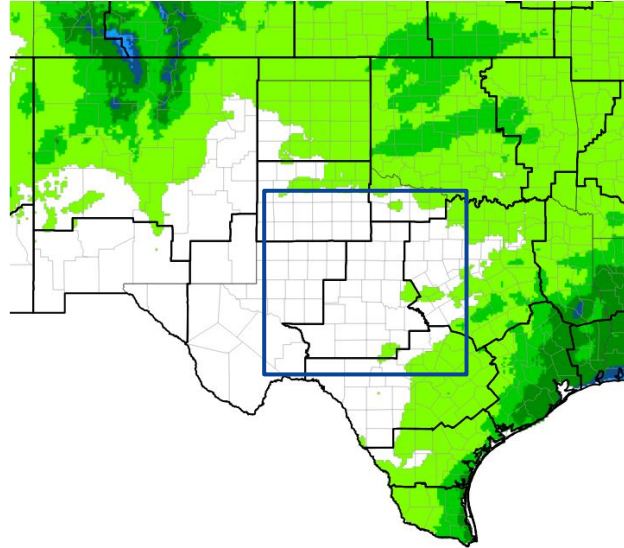




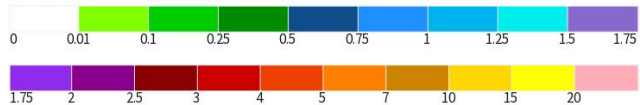
Seven Day Precipitation Forecast

- Over the next 7 days, very little to no rainfall is expected across West Central Texas

7-Day Quantitative Precipitation Forecast



Predicted inches of Precipitation



Source(s): National Weather Service Weather Prediction Center; image courtesy of Drought.gov

Data Valid: 11/21/23

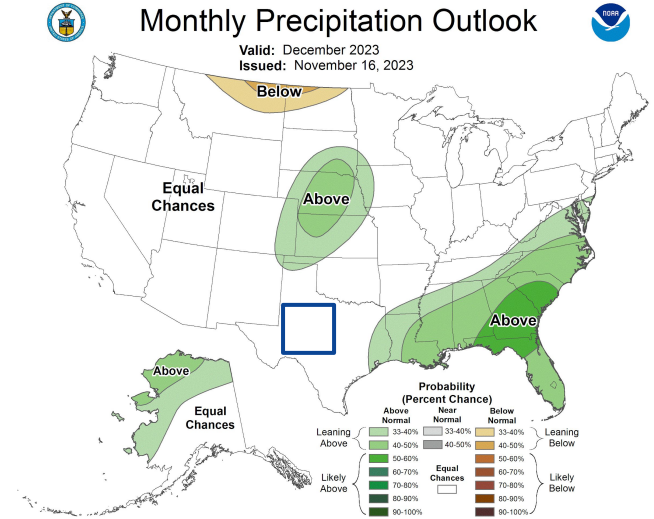
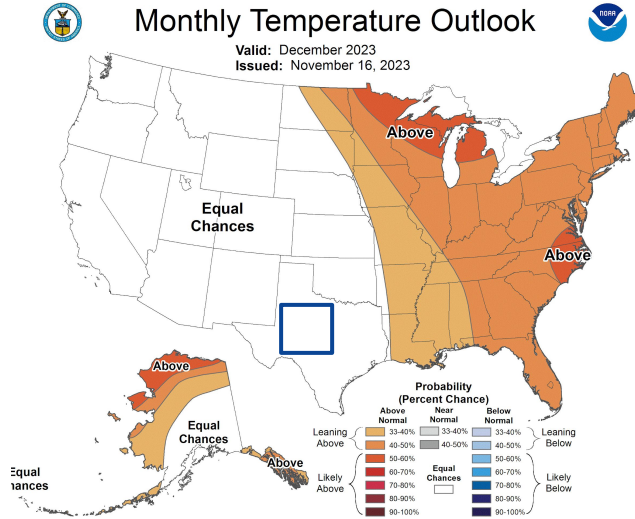




Long-Range Outlooks

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

- There are equal chances of above or below normal temperatures and above or below normal rainfall for the month of December.



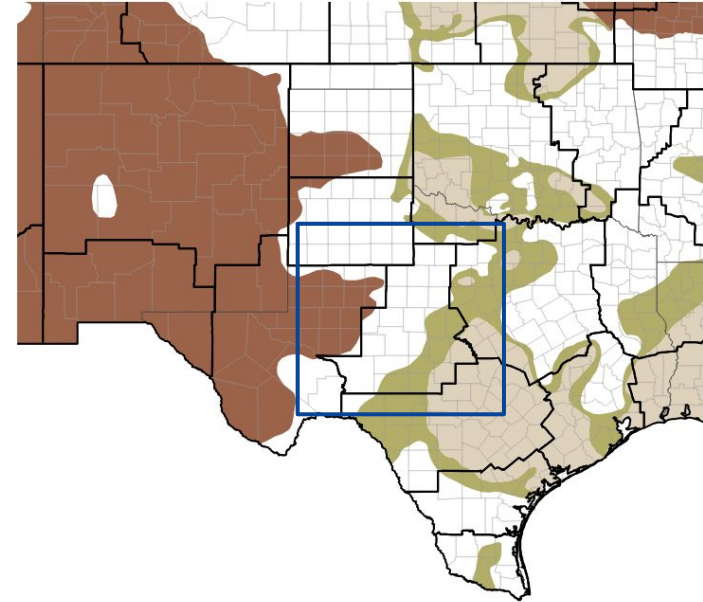


Drought Outlook

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

- Drought is expected to continue to improve for most of the region, with drought removal likely for portions of the Northwest Hill Country and Heartland.

Seasonal (3-Month) Drought Outlook



Drought Is Predicted To...



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

Data Valid: 11/16/23

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
San Angelo, TX