



# Drought Information Statement for West-Central Texas

Valid July, 29, 2024

Issued By: WFO San Angelo, TX

## Contact Information:

- This product will be updated if D3 conditions are reintroduced into the area
  - Please see all currently available products at <https://drought.gov/drought-information-statements>.
  - Please visit <https://www.weather.gov/SJT/DroughtInformationStatement> for previous statements.
  - Please visit [https://www.drought.gov/drought-status-updates/\[link\]](https://www.drought.gov/drought-status-updates/[link]) for regional drought status updates.
- 
- Drought improvement mainly across the Concho Valley, Northern Edward's Plateau and the Heartland.

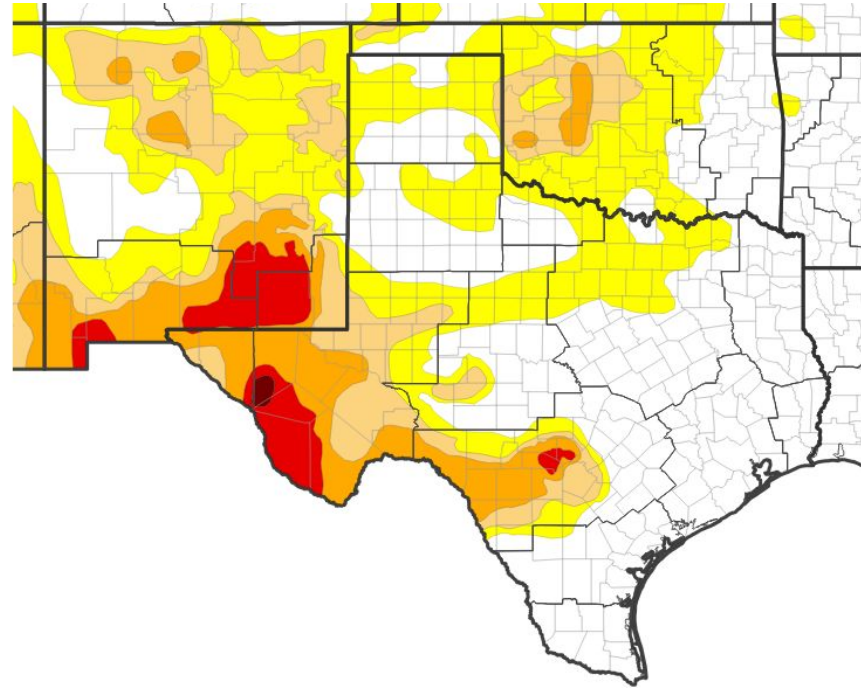




# U.S. Drought Monitor

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

- Drought intensity and Extent
  - **D4 (Exceptional Drought):** None
  - **D3 (Extreme Drought):** None.
  - **D2 (Severe Drought):** None
  - **D1 (Moderate Drought):** Southern Tom Green, Extreme southeast Irion, Northeast and extreme southwest Crockett, and northern Schleicher.
  - **D0: (Abnormally Dry):** Central and Southern Tom Green, southeast Irion, northeast and southwest Crockett, northern Schleicher, and most of the Big Country.



U.S. Drought Monitor

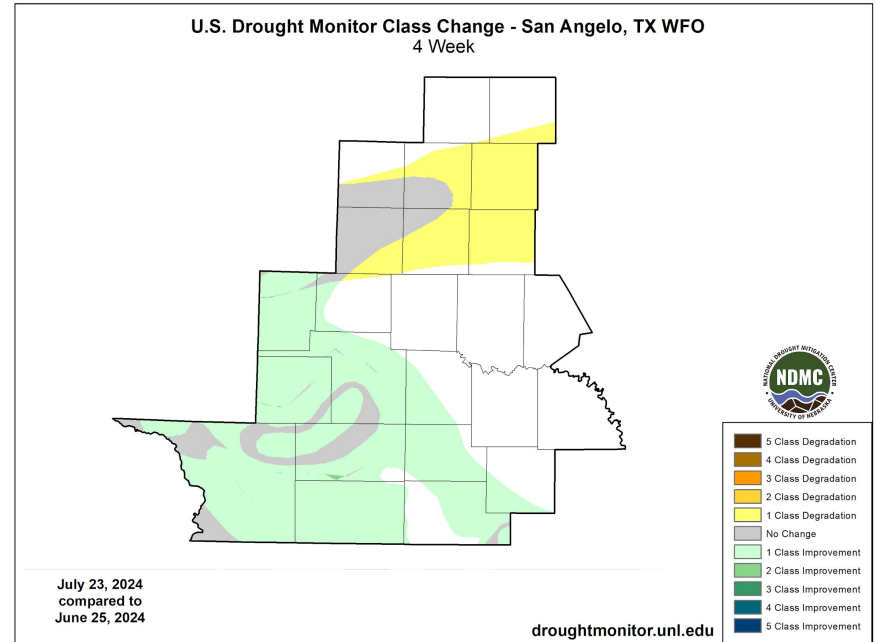




# Recent Change in Drought Intensity

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

- Four Week Drought Monitor Class Change.
  - Drought Worsened: Portions of the Big Country
  - Drought Improved: The southwest portion of the Concho Valley, all of the Northern Edward's Plateau, and Northwest Hill Country.
  - No Change: Much of the rest of West Central Texas.

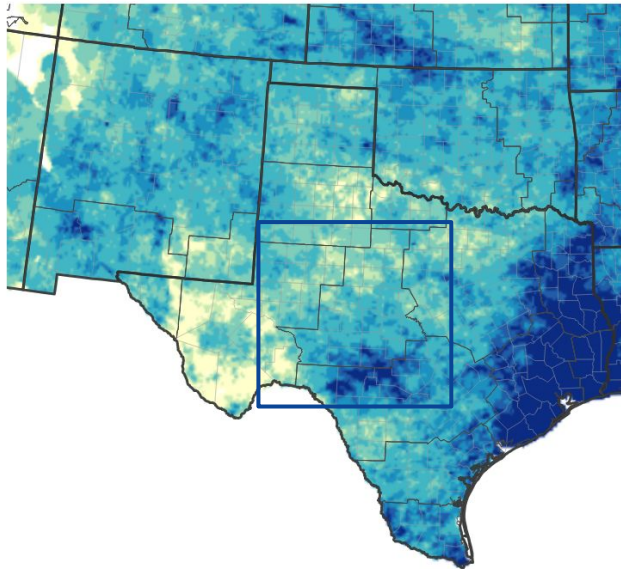




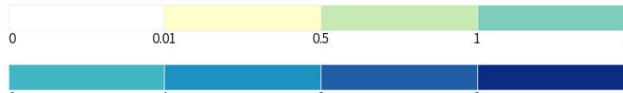
# Precipitation

- Precipitation across areas mainly north of Interstate 20 were below normal for precipitation, while areas to the south of Interstate 20 were above normal. Notably, some areas south of Interstate 10 received over 300% of normal rainfall for the past 30-day period.

NWPS 30-Day Precipitation Accumulations (inches)

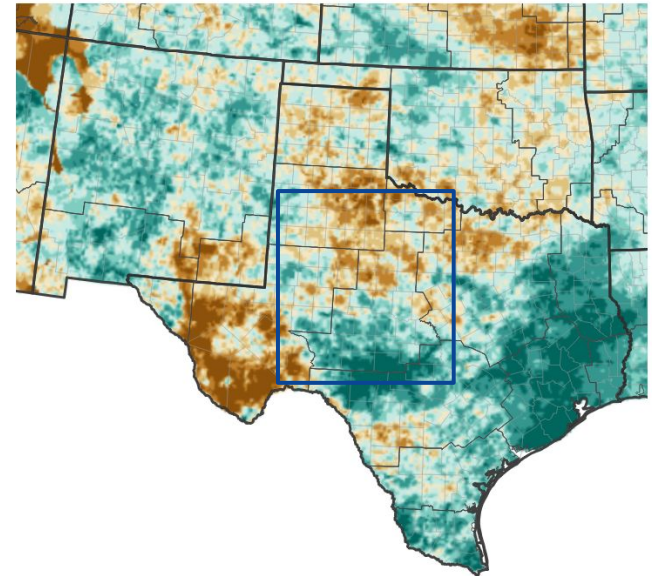


Inches of Precipitation

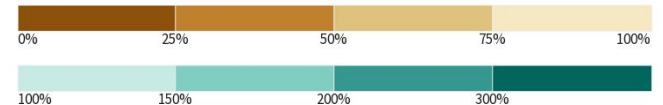


Source(s): National Weather Service National Water Prediction Service; Data Valid: 07/27/24

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: 07/27/24

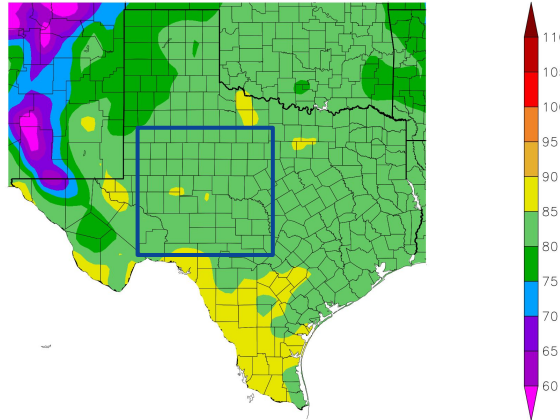




# Temperature

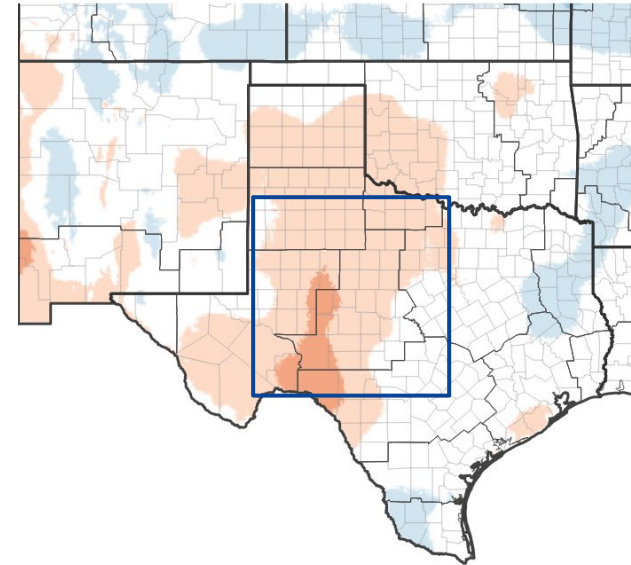
- Portions of the Heartland and Northwest Hill Country experienced temperatures near normal, while the rest of West Central Texas experienced above normal temperatures by 1-4 degrees.

Temperature (F)  
6/29/2024 - 7/28/2024



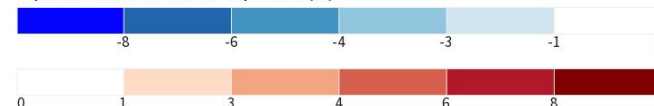
Generated 7/29/2024 at HPRCC using provisional data.

30-Day Temperature Anomaly



NOAA Regional Climate Centers

Departure from Normal Max Temperature (°F)



Source(s): NOAA's National Centers for Environmental Information; image courtesy of Drought.gov

Data Valid: 07/24/24





# Summary of Impacts

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

## Hydrologic Impacts

- Despite recent rainfall, reservoir levels have continued to drop over the past 30 days.

## Agricultural Impacts

- Normal to slightly above normal soil moisture occurred for the southern and eastern counties. Normal soil moisture persisted for the northern and western counties. Crop moisture was abnormally dry mainly north of Interstate 20, while areas south of Interstate 20 were severely dry.

## Fire Hazard Impacts

- With the increase in rainfall and soil moisture across the south counties, San Saba county removed their burn ban. Elsewhere, relative humidity values have generally remained above 20% helping to minimize fire weather conditions.

## Other Impacts

- There are no known impacts at this time

## Mitigation Actions

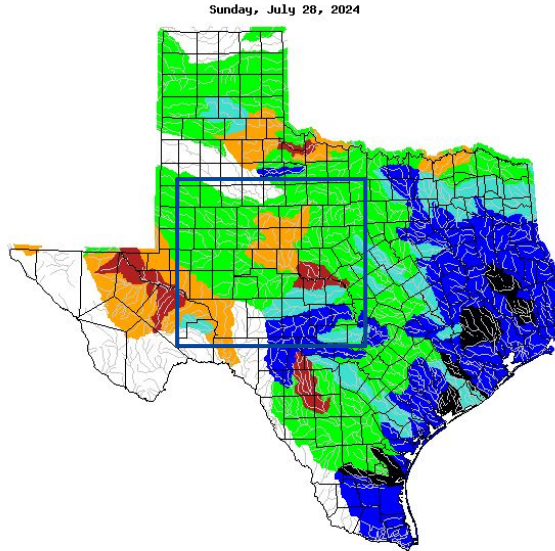
- Please refer to your municipality and/or water provider for mitigation information.





# Hydrologic Conditions and Impacts

- Due to increased rainfall across the southern counties streamflows are running at normal to above normal. Streamflows across north Concho Valley, portions of the Heartland and Big Country are normal to below normal.



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		

Image Caption: USGS 7 day average streamflow HUC map valid 07 28 2024

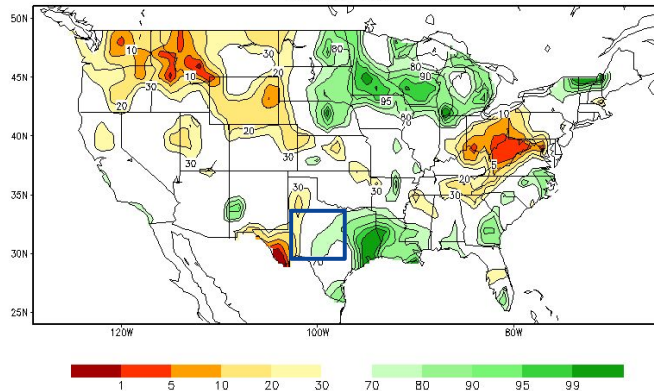




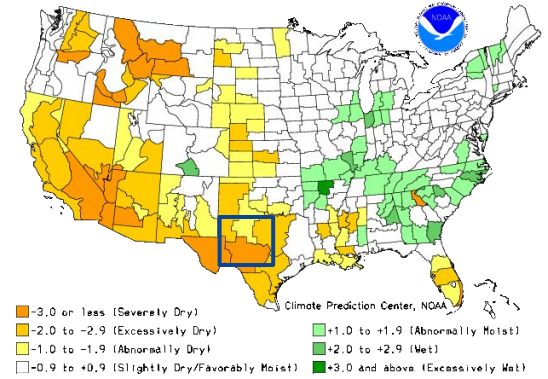
# Agricultural Impacts

- Normal to slightly above normal soil moisture occurred for the southern and eastern counties. Normal soil moisture persists for the northern and western counties.
- Crop moisture was abnormally dry mainly north of Interstate 20, while areas south of Interstate 20 were severely dry.

Calculated Soil Moisture Ranking Percentile  
JUL 28, 2024



Crop Moisture Index by Division  
Weekly Value for Period Ending JUL 20, 2024  
Short Term Need vs. Available Water in a Shallow Soil Profile



Climate Prediction Center, NOAA

■ -3.0 or less (Severely Dry)	■ +1.0 to +1.9 (Abnormally Moist)
■ -2.0 to -2.9 (Excessively Dry)	■ +2.0 to +2.9 (Wet)
■ -1.0 to -1.9 (Abnormally Dry)	■ -0.9 to +0.9 (Slightly Dry/Favorably Moist)
■ -0.9 to +0.9 (Slightly Dry/Favorably Moist)	■ +3.0 and above (Excessively Wet)

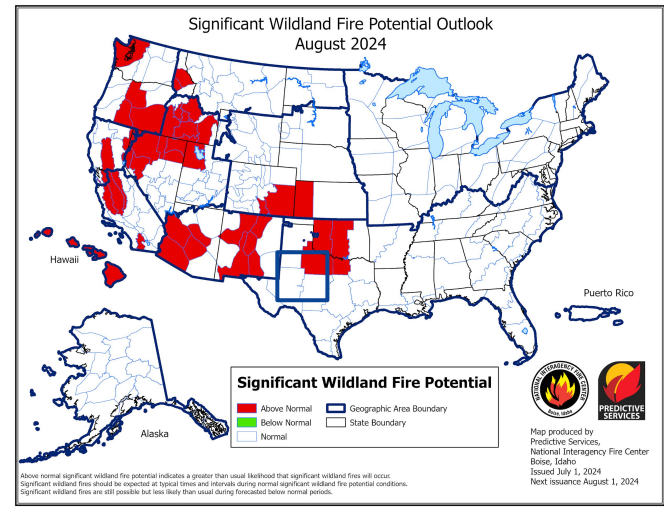
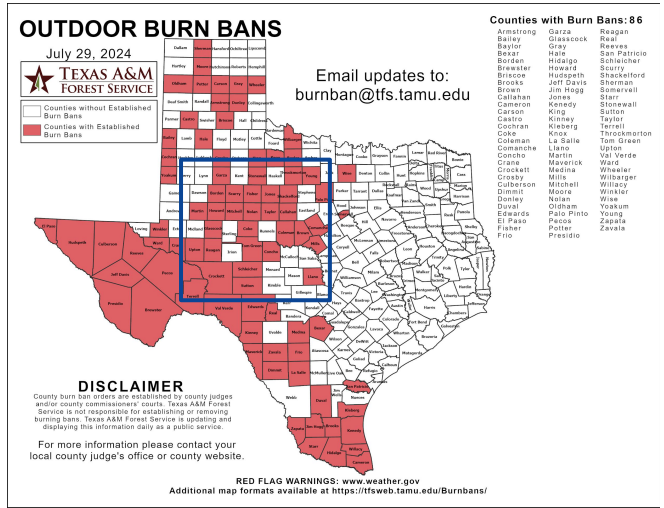




# Fire Hazard Impacts

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

- With the increase in rainfall and soil moisture across the south counties, San Saba county removed their burn ban. Elsewhere, relative humidity values have generally remained above 20% helping to minimize fire weather conditions.



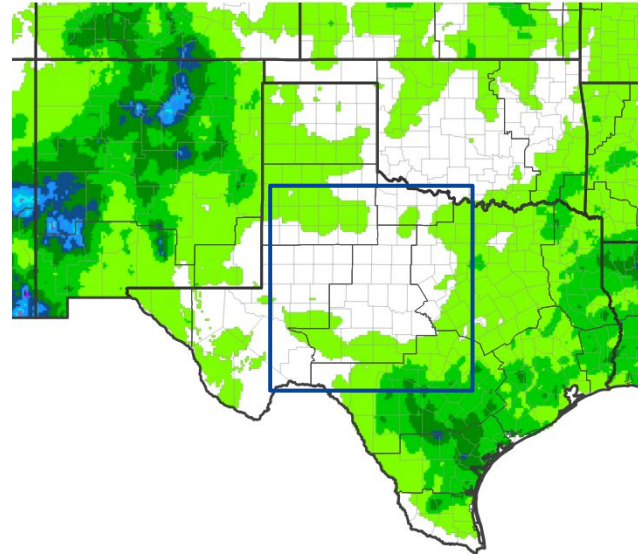
Latest TX Burn Ban map available [here](#).



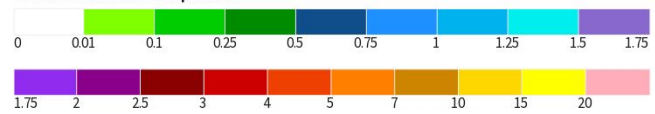
# Seven Day Precipitation Forecast

- Over the next 7 days, higher chances of rainfall are forecast across the southern portions of 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

Last Updated: 07/28/24



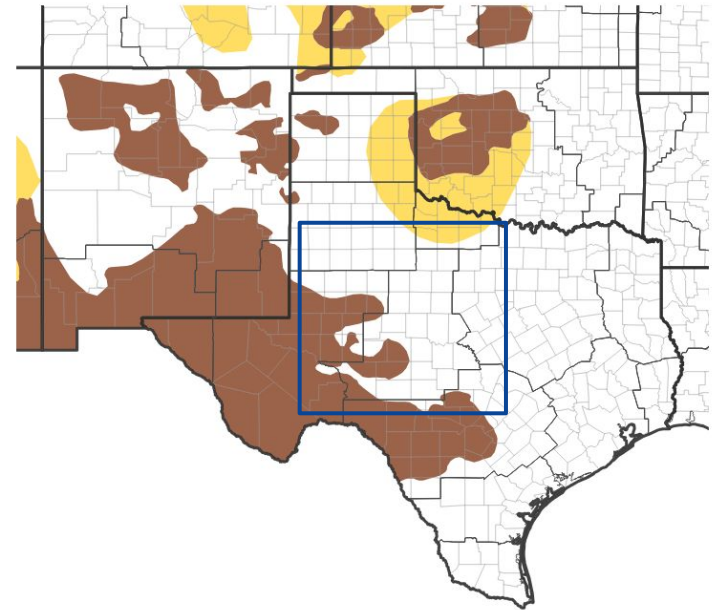


# Drought Outlook

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

- Drought is expected to persist across portions of the Concho Valley, and Northern Edward's Plateau.

Seasonal (3-Month) Drought Outlook



Drought Is Predicted To...



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

Last Updated: 07/18/24

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  
San Angelo, TX