



Drought Information Statement for the South Plains, Rolling Plains, and far Southern Texas Panhandle

Valid October 3, 2024

Issued By: WFO Lubbock, TX

Contact Information: lub.webmaster@noaa.gov

- Please see all currently available products at <https://drought.gov/drought-information-statements>.
 - Please visit <https://www.weather.gov/lub/DroughtInformationStatement> for previous statements.
 - Please visit <https://www.drought.gov/drought-status-updates> for regional drought status updates.
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- LACK OF RAINFALL ACROSS THE EXTREME SOUTHEASTERN TEXAS PANHANDLE HAS LED TO WORSENERED DROUGHT CONDITIONS
 - This product will be updated November 7, 2024 or sooner if drought conditions change significantly



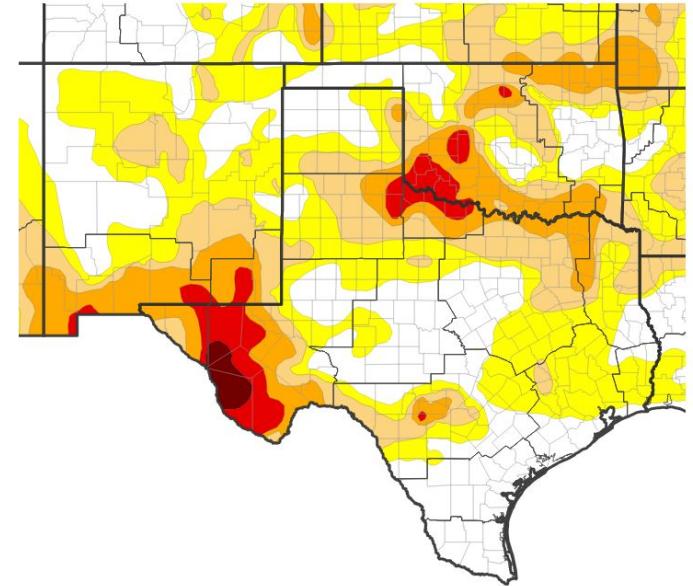


U.S. Drought Monitor

Link to the [latest U.S. Drought Monitor](#) for South Plains, Rolling Plains, and southern Texas Panhandle

- Drought intensity and Extent
 - **D3 (Extreme Drought)**: Extreme southeastern Texas Panhandle including Childress and Cottle Counties.
 - **D2 (Severe Drought)**: Portions of the extreme southeastern Texas Panhandle and northern Rolling Plains.
 - **D1 (Moderate Drought)**: Portions of the extreme south-central Texas Panhandle, northern Rolling Plains, eastern South Plains, and southwestern South Plains.
 - **D0: (Abnormally Dry)**: Portions of the South Plains and southern Rolling Plains.

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 09/24/24



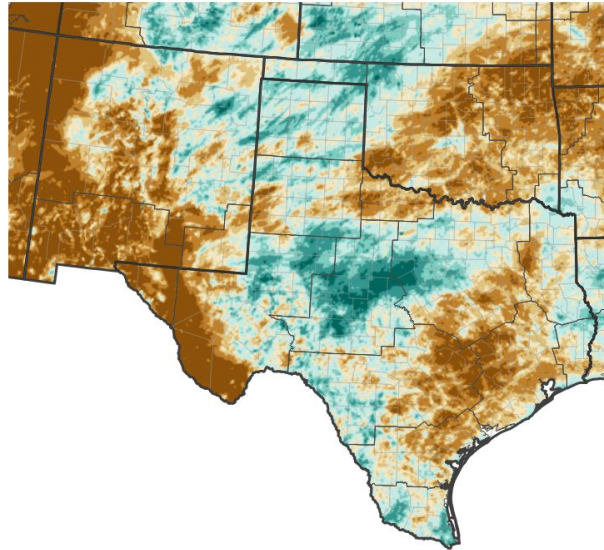


Precipitation

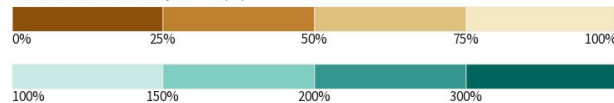
Last 30 days

- Pockets of near, above, and below average precipitation were recorded over the South Plains, Rolling Plains, and far southern Texas Panhandle over the past 30 days.
- Areas that received the least amount of precipitation, i.e, the far southeastern Texas Panhandle and western South Plains is where we are seeing drought conditions intensifying.

30-Day Percent of Normal Precipitation

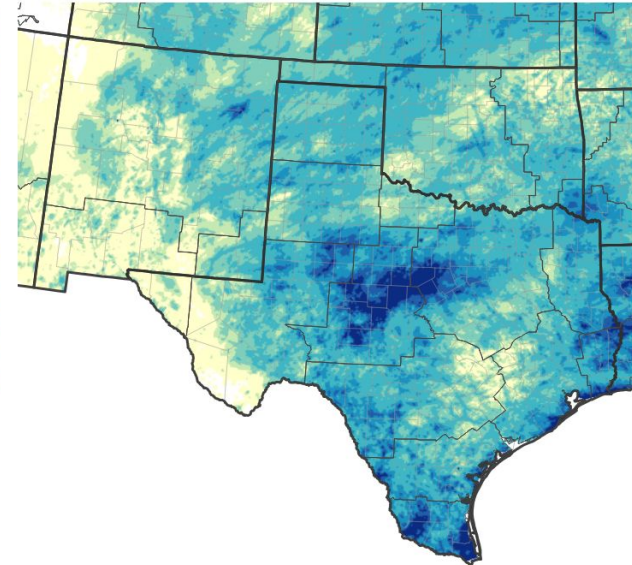


Percent of Normal Precipitation (%)

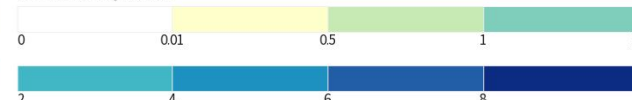


Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov Last Updated: 09/29/24

30-Day Precipitation Accumulations (inches)



Inches of Precipitation



Source(s): National Weather Service Multi-Radar Multi-Sensor System; Last Updated: 09/29/24





Summary of Impacts

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

Hydrologic Impacts

- There are no known impacts at this time

Agricultural Impacts

- Please see the latest [Crop and Weather Report](#) from Texas A&M Agrilife
- Soil moisture is expected to decrease.

Fire Hazard Impacts

- ERC values have increased over the past several weeks over the Rolling Plains and far southeastern Texas Panhandle but no known wildfire activity has occurred ([TFS](#)).

Other Impacts

- There are no known impacts at this time





Hydrologic Conditions and Impacts

- Most area reservoirs have dropped in the past several months due to lack of widespread rainfall.
- Lake Alan Henry was the exception, rising to full capacity, receiving rainfall upstream of the lake.

Reservoir	Conservation Pool (ft)	Current Elevation (ft)	Percent Full
Mackenzie Lake	3100.0	3012.8	8%
White River Lake	2370.0	2349.2	16%
Lake Alan Henry	2220.0	2219.9	100%
Lake Meredith	2936.0	2888.2	40%



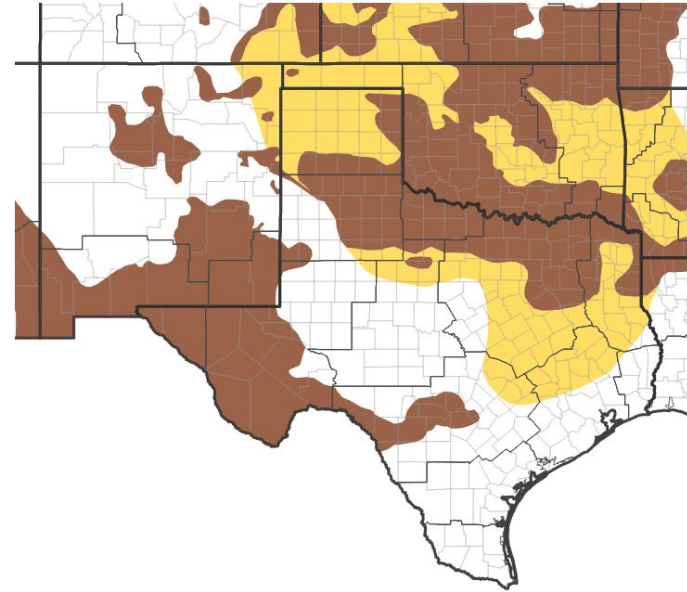


Drought Outlook

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

- Areas of drought persistence and development are forecasted across much of the far southern Texas Panhandle, Rolling Plains, and into portions of the eastern South Plains through the end of the year.

Seasonal (3-Month) Drought Outlook for September 19, 2024–December 31, 2024



Drought Is Predicted To...



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

Last Updated: 09/19/24

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
Lubbock, TX