Drought Information Statement for South Central Texas

Valid November 7, 2024

Issued By: NWS Austin/San Antonio

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

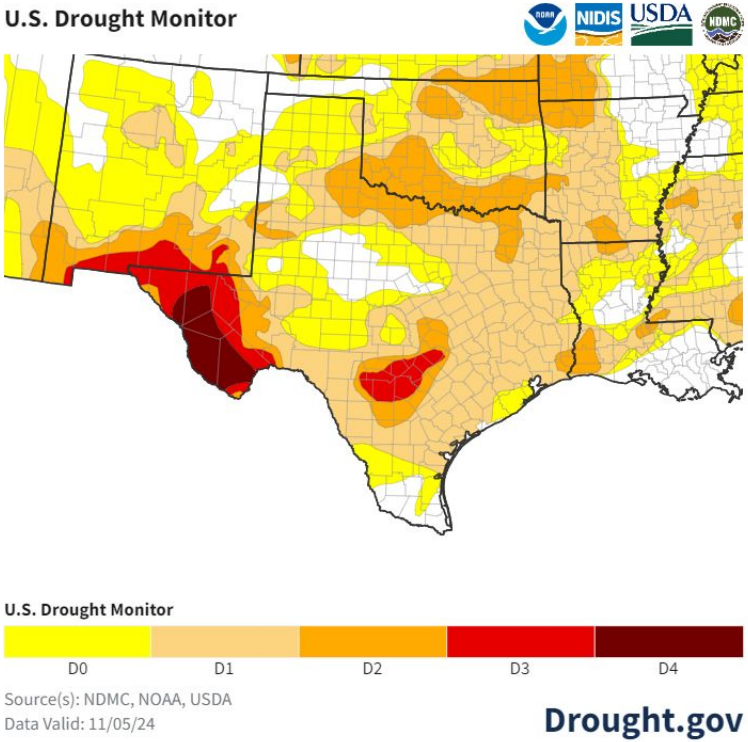
- This product will be updated December 5, 2024 or sooner if drought conditions change significantly.
- Please see all currently available products at https://drought.gov/drought-information-statements.
- Please visit https://www.weather.gov/ewx/DroughtInformationStatement for previous statements.
- Please visit https://www.drought.gov/drought-status-updates/ for regional drought status updates.

- Needed rainfall occurred earlier this week, but will do little to alleviate drought across the region.
- Reservoir levels across the service area remain rather low while overall water storage remains low.
- Monthly outlook for November leans towards drought worsening.

U.S. Drought Monitor

Link to the latest U.S. Drought Monitor for south central Texas

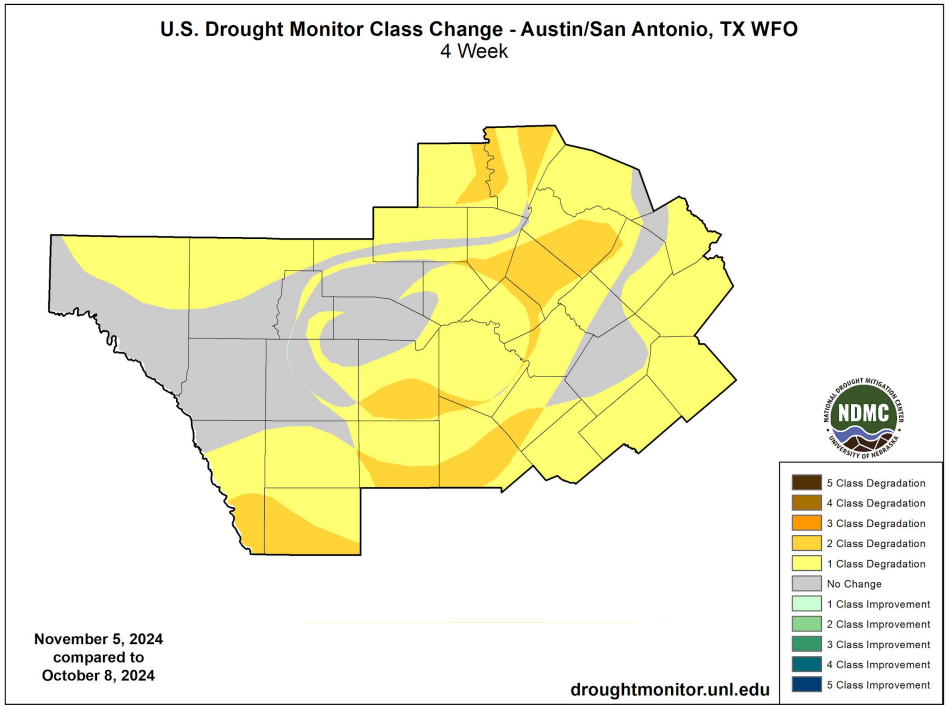
- Drought intensity and Extent
  - **D3 (Extreme Drought):** Covers portions of the Edwards Plateau and I-35 Corridor
    - Percent of Area: 18.06%
  - **D2 (Severe Drought):** Extends across the portions of the Hill Country, Edwards Plateau, I-35 Corridor, and Coastal Plains
    - Percent of Area: 40.25%
  - **D1 (Moderate Drought):** Encompasses the Coastal Plains, and portions of the Hill Country, Southern Edwards Plateau, and Rio Grande Plains
    - Percent of Area: 98.14%



Recent Change in Drought Intensity

Link to the latest 4-week change map for south central Texas

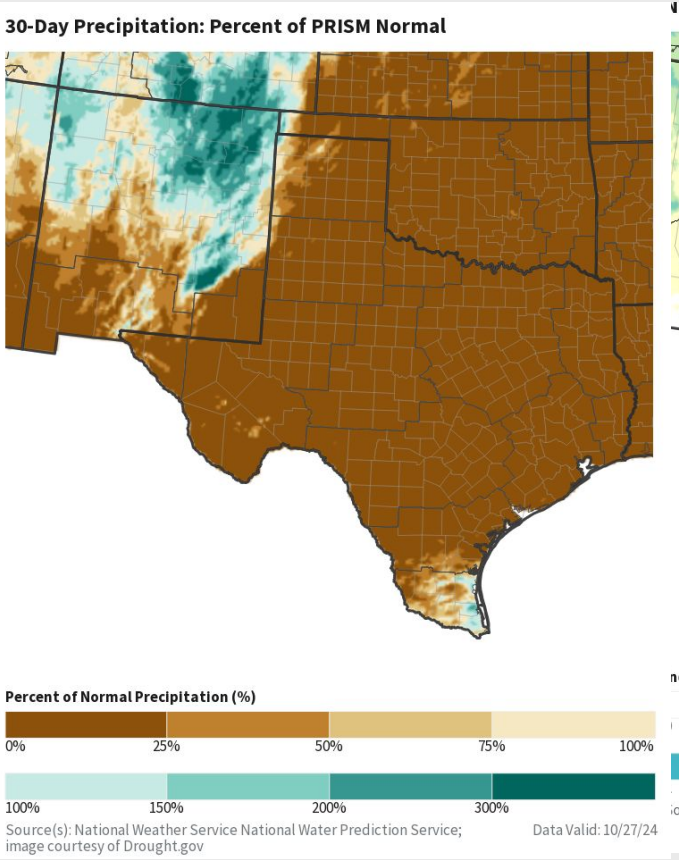
- Four Week Drought Monitor Class Change.
  - Drought Worsened: primarily over the I-35 Corridor, Coastal Plains, and Hill Country.
  - No Change: portions of the Southern Edwards Plateau and Rio Grande Plains.

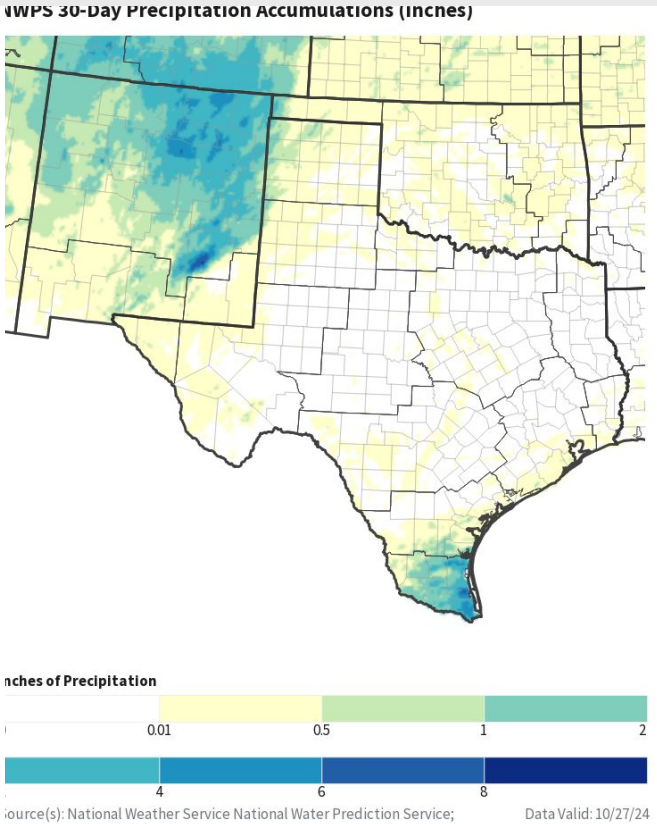


Precipitation

Links to the latest Precipitation Accumulation and Percent of Normal over the past 30 days

- Well below normal rainfall was seen over the entire service area, with much of the area seeing little to no measurable rainfall for the month of October. It was one of the driest Octobers on record for the state of Texas.





Summary of Impacts

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

Hydrologic Impacts

- The majority of watersheds across the service area fall within either the below normal to well-below normal percentile classification despite early November rains. Streamflow may show improvement in the 7 day average, but remains well-below normal for nearly every stream in the region on the 28 day streamflow map.(USGS)
- The Frio River, and portions of the Guadalupe River and lower Colorado river basins remain in the below to much below percentile classifications.(USGS)
- See next page for more details

Agricultural Impacts

- Please see the latest Crop & Weather Report from Texas A&M Agrilife
- Soil moistures across the service area are shown in the normal to below normal range.
  (NWS Climate Prediction Center)

Fire Hazard Impacts

- Normal wildland fire activity is forecast through the month of November. This activity is expected to increase in the months of December and January.
  (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 11/7/2024)
  - City of Uvalde: Stage 5
  - City of Fredericksburg: Stage 4
  - City of Kerrville: Stage 3
  - City of San Antonio: Stage 3
  - City of Universal City: Stage 3
  - City of Georgetown: Stage 2
  - City of New Braunfels: Stage 2
  - City of Austin: Stage 2
  - City of Del Rio: Stage 2
  - City of Llano: Stage 3

Hydrologic Conditions and Impacts

- The majority of watersheds across the service area fall within either the below normal to well-below normal percentile classification despite early November rains. Streamflow may show improvement in the 7 day average, but remains well-below normal for nearly every stream in the region on the 28 day streamflow map.

Additional data:

Edwards Aquifer, Bexar Index Well J-17 as of November 7, 2024:

10 day average: 627.5

Historical Monthly Average: 666.0

Departure from Average: -36.5

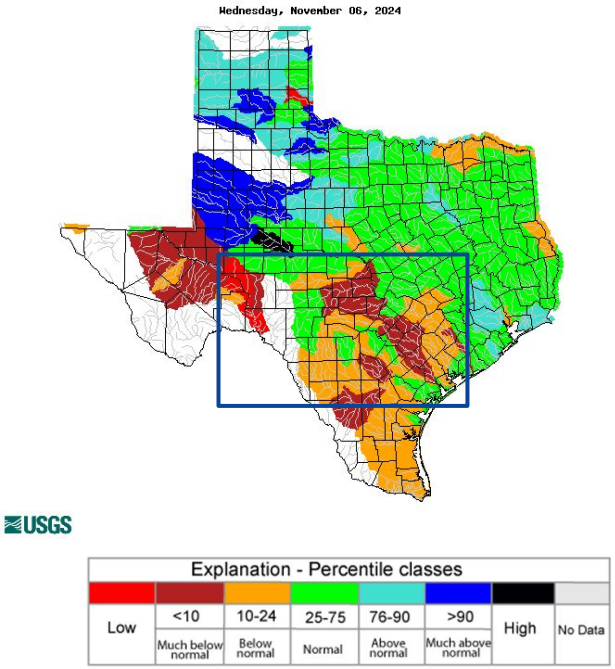


Figure Caption: USGS 7 day streamflows for Texas, valid October 3, 2024

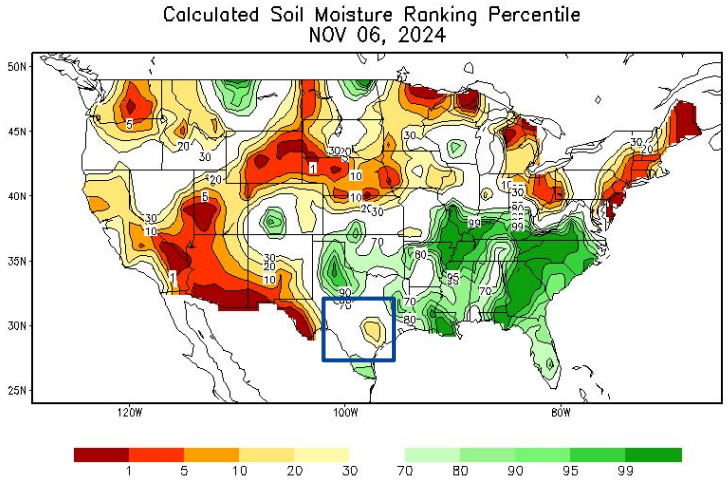
Reservoir	Pool Elevation	Current Elevation	Percent Full
Amistad	1117.00 feet	1051.23 feet	26.8%
Medina Lake	1064.2 feet	973.32 feet	2.9%
Canyon Lake	909.00 feet	882.34 feet	52.4%
Granger Lake	504.00 feet	503.22 feet	94%
Georgetown Lake	791.00 feet	779.57 feet	65.2%
Lake Buchanan	1020.00 feet	1003.54 feet	61.7%
Lake LBJ	825.00 feet	824.61 feet	97.8%
Lake Marble Falls	738.00 feet	736.48 feet	95.8%
Lake Travis	681.00 feet	638.93 feet	44.8%
Lake Austin	492.9 feet	492.20 feet	96.1%

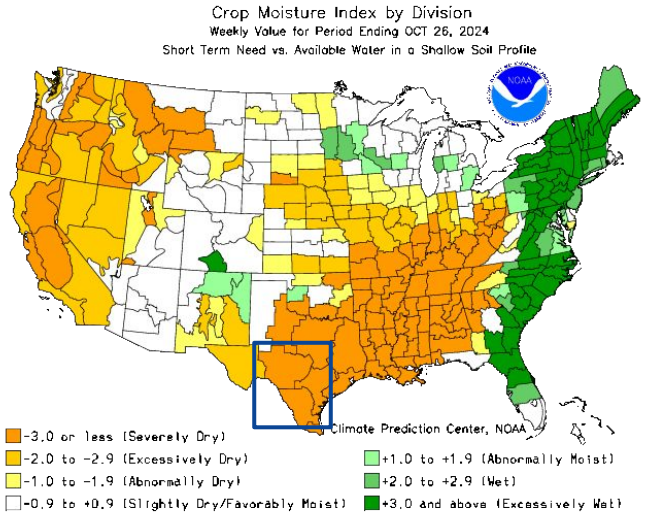
Table caption: TWDB Reservoir conditions as of November 7, 2024

Agricultural Impacts

Links to the latest Soil Moisture Ranking Percentile and Crop Moisture Index by Division.

- Soil moistures across the service area are shown in the normal to slightly below normal range as of November 6th.
- Crop moisture index values show severely dry conditions across all of our service area as of October 26th.

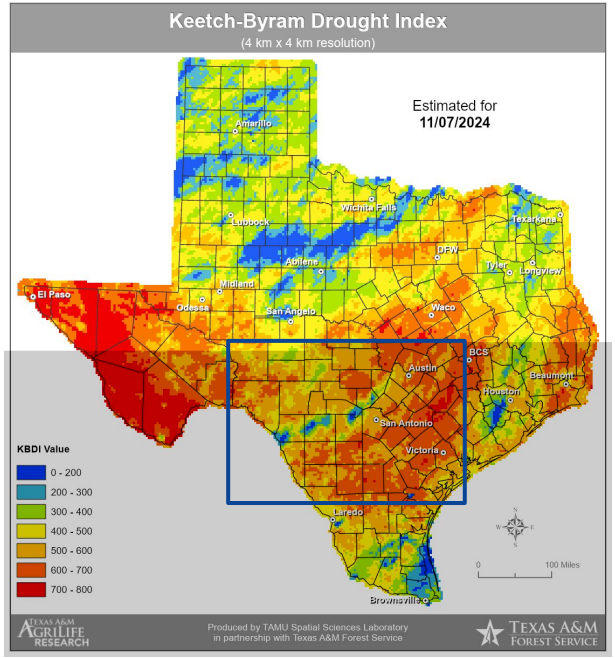


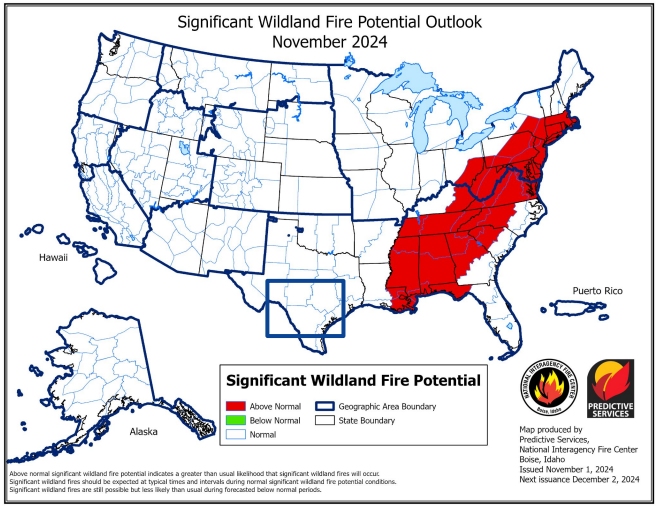


Fire Hazard Impacts

Link to Wildfire Potential Outlooks from the National Interagency Coordination Center.

- Keetch Byram Drought Index values of 0 to 400 range across a narrow strip of the Rio Grande Plains into portions of the Edwards Plateau and Hill Country from recent rains.
- Values range between 500 and 800 across a majority of the service area
- Near normal wildland fire potential is expected for November





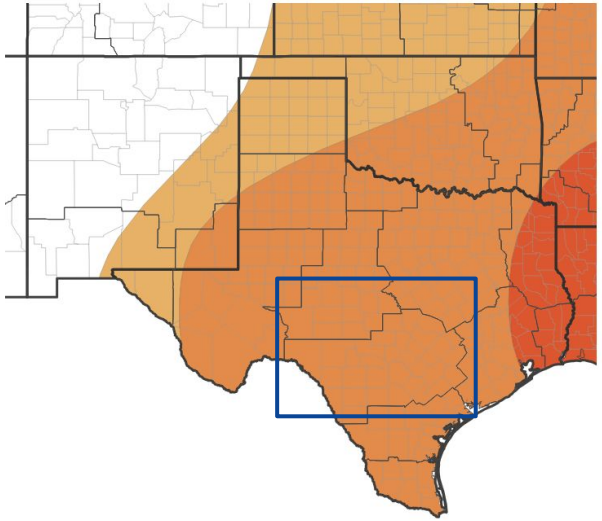
Burn bans remain for 29 of our 33 counties as of November 7, 2024. Latest County Burn Ban map available here.

Long-Range Outlooks

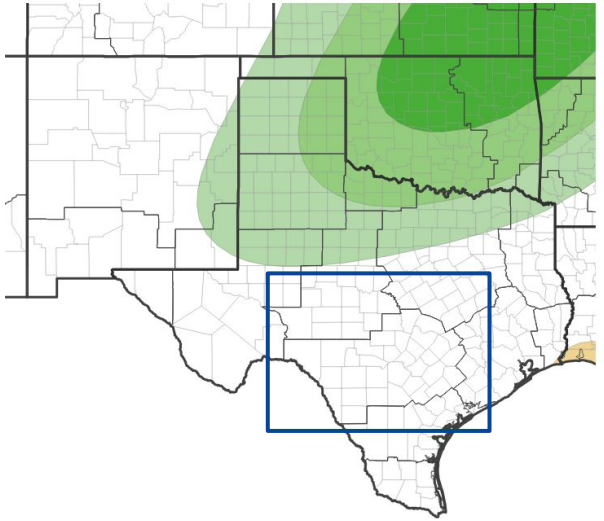
The latest monthly and seasonal outlooks can be found on the CPC homepage

- The temperature outlook for the month of October leans towards above normal for much of the service area
- The precipitation outlook leans towards near normal rainfall for most of the service area

Monthly Temperature Outlook for November 1, 2024–November 30, 2024



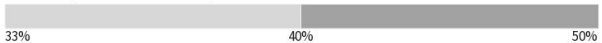
Monthly Precipitation Outlook for November 1, 2024–November 30, 2024



Probability of Below-Normal Temperatures

Probability of Above-Normal Temperatures

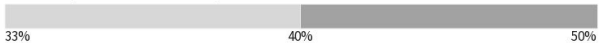
Probability of Near-Normal Temperatures



Probability of Below-Normal Precipitation

Probability of Above-Normal Precipitation

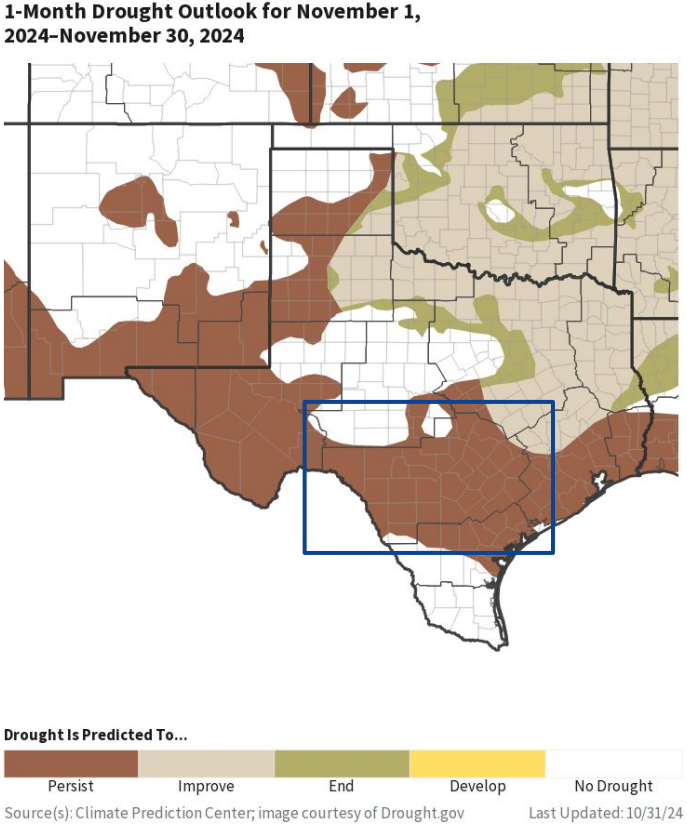
Probability of Near-Normal Precipitation



Drought Outlook

The latest monthly and seasonal outlooks can be found on the CPC homepage

- The monthly drought outlook for November shows drought persisting for the entire service area
- The three month outlook mirrors the monthly outlook showing drought persisting and expanding through the month of January



Links to the latest:
Climate Prediction Center Monthly Drought Outlook
Climate Prediction Center Seasonal Drought Outlook