



# Drought Information Statement for South Texas

Valid September 03, 2023

Issued By: NWS Corpus Christi, TX

Contact Information: [sr-crp.webmaster@noaa.gov](mailto:sr-crp.webmaster@noaa.gov)

- This product will be updated October, 07, 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/crp/DroughtInformationStatement> for previous statements.





# U.S. Drought Monitor

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

- All of South Texas Impacted by Drought
- Drought intensity and Extent
  - D3 (Extreme Drought): Victoria Crossroads, northern portions of Coastal Bend, Coastal Plains and Brush Country.
  - D2 (Severe Drought): Portions of: Coastal Bend, Coastal Plains and Brush Country.
  - D1 (Moderate Drought): Portions of: Coastal Bend, Coastal Plains and Brush Country.
  - D0: (Abnormally Dry): Portions of: Coastal Bend, Coastal Plains and Brush Country.

## U.S. Drought Monitor Corpus Christi, TX WFO

**August 29, 2023**  
(Released Thursday, Aug. 31, 2023)  
Valid 8 a.m. EDT

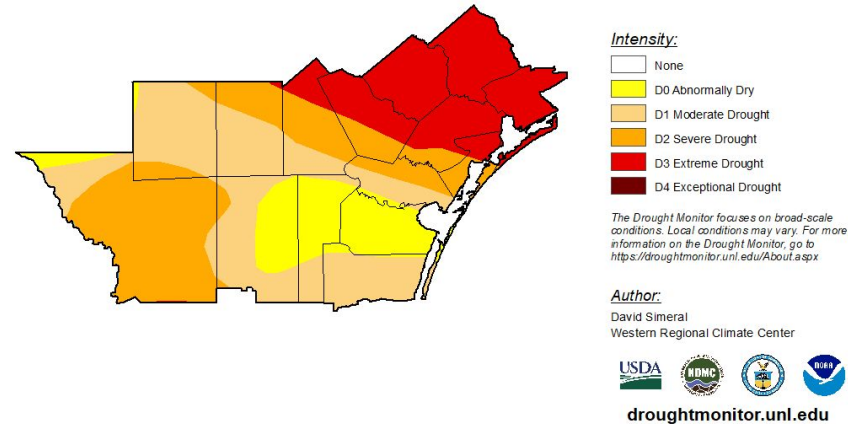


Image Caption: U.S. Drought Monitor valid 8am EDT August 29th.





# Recent Change in Drought Intensity

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

- Four Week Drought Monitor Class Change.
  - Drought Worsened: Victoria Crossroads, portions of: Coastal Bend, Brush Country.
  - No Change: Portions of: Coastal Bend, Coastal Plains and Brush Country.
  - Drought Improved: Kleberg, eastern portions of Jim Wells and extreme northwest Webb counties.

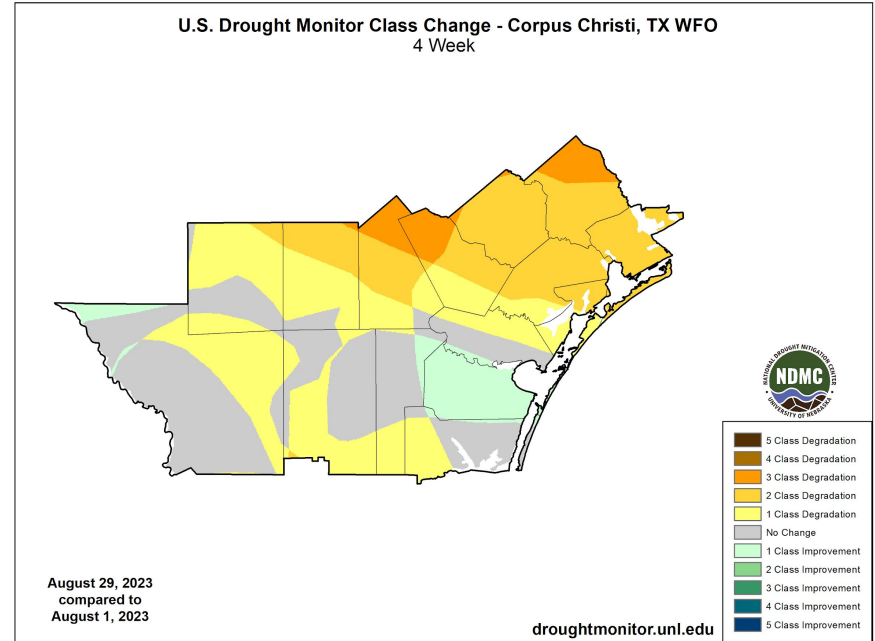


Image Caption: U.S. Drought Monitor 4-week change map valid 8am EDT August 29th.





# Precipitation

- Rains from Tropical Storm Harold slowed or improved drought conditions across southern to western portions of the region.

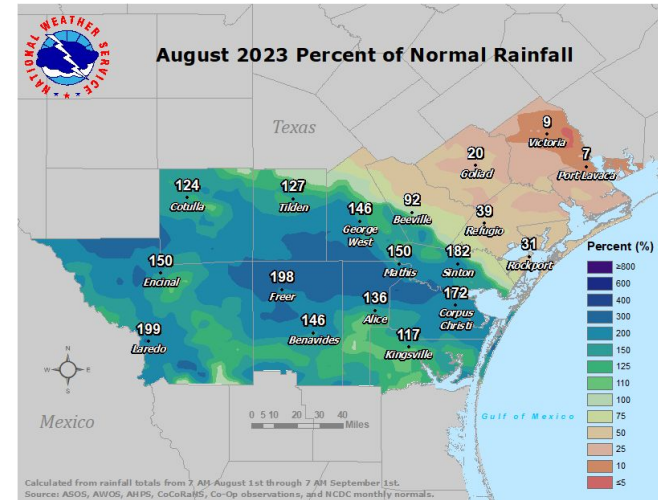
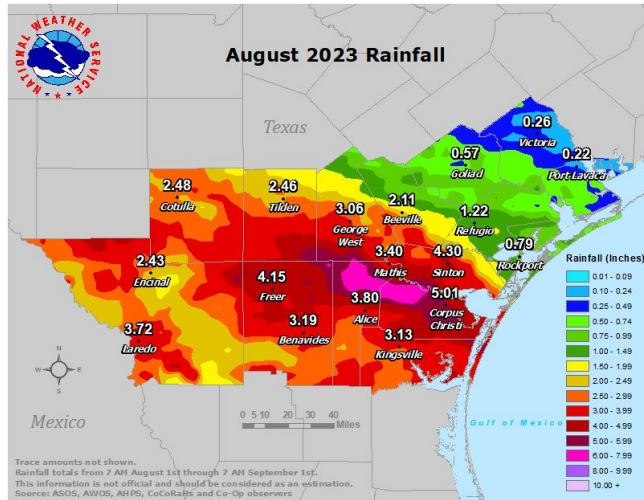


Image Captions:  
 Left - Precipitation Amount for South Texas  
 Right - Percent of Normal Precipitation for South Texas  
 Data Courtesy Corpus Christi Weather Service Forecast Office.  
 Data over the past 30 days ending August, 31, 2023

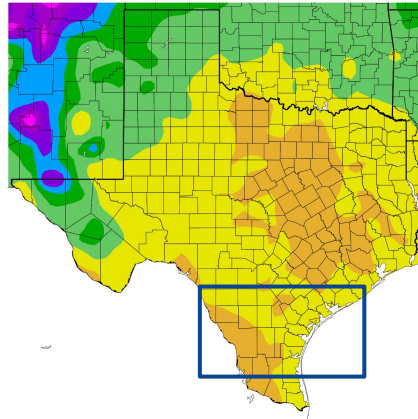




# Temperature

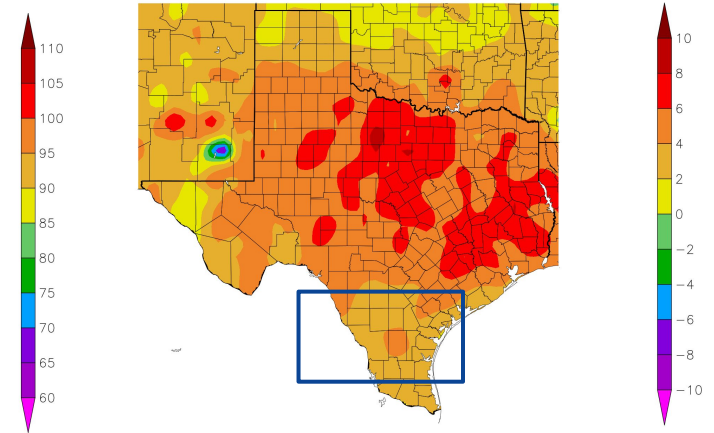
- Above normal temperatures in August contributed to drying fuels and drought conditions.

Temperature (F)  
8/2/2023 – 8/31/2023



Generated 9/1/2023 at HPRCC using provisional data.

Departure from Normal Temperature (F)  
8/2/2023 – 8/31/2023



NOAA Regional Climate Centers <sup>23</sup> at HPRCC using provisional data.

NOAA Regional Climate Centers

Image Captions:  
Left - Average Temperature  
Right - Departure from Normal Temperature  
Data Courtesy High Plains Regional Climate Center.  
Data over the past 30 days ending August, 31, 2023





# Summary of Impacts

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

## Hydrologic Impacts

- Low reservoir levels contributing to water restrictions

## Agricultural Impacts

- Cotton crops suffering due to extreme heat and dry conditions

## Fire Hazard Impacts

- Elevated fire weather conditions more frequent

## Other Impacts

- Corpus Christi under stage 1 water restrictions
- Victoria under stage 3 water restrictions
- Stage 2 water restrictions for Laredo

## Mitigation Actions

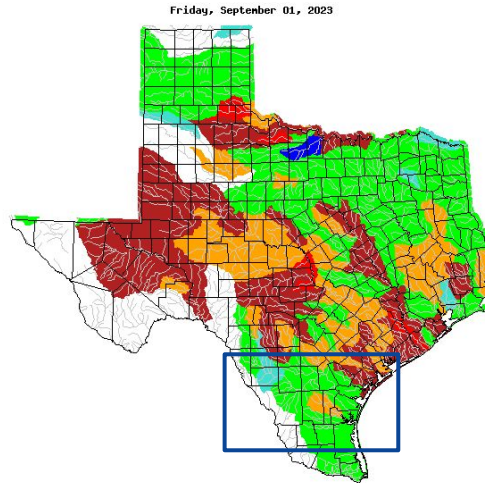
- Please refer to your municipality and/or water provider for mitigation information





# Hydrologic Conditions and Impacts

- Normal streamflow across most of South Texas
- Reservoirs continue to decline



USGS

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		

Reservoir	Pool Elevation (ft)	Current Elevation (ft)
Choke Canyon.	220.5	194.5
Lake Corpus Christi	94.0	87.8
Lake Texana	44.0	39.6
Coletto Creek	98.0	95.6
Canyon Lake	909.0	892.3
Lake Amistad	1117.0	1067.2

Image Captions:  
[Left- USGS 7 day average streamflow HUC map valid 09 01 2023](#)

Right- Reservoir Pool Elevation Table valid 09 03 2023





# Fire Hazard Impacts

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

- Burn Bans in place due to dry fuels
- Significant Wildland fire Above normal for September

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

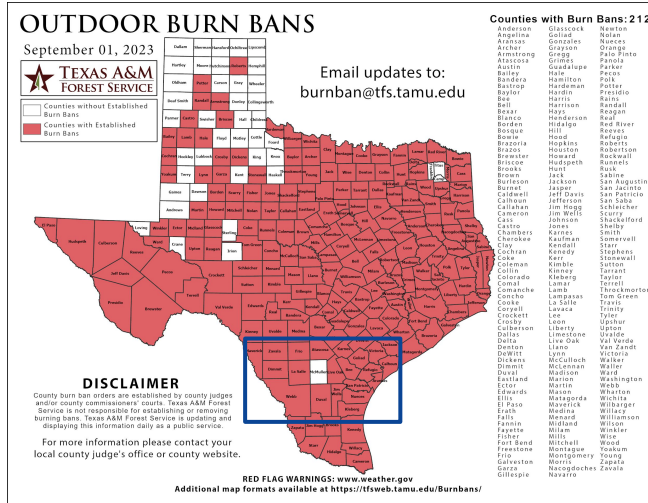


Image Caption: [TX Map Outdoor Burn Ban](#) Valid September 01, 2023

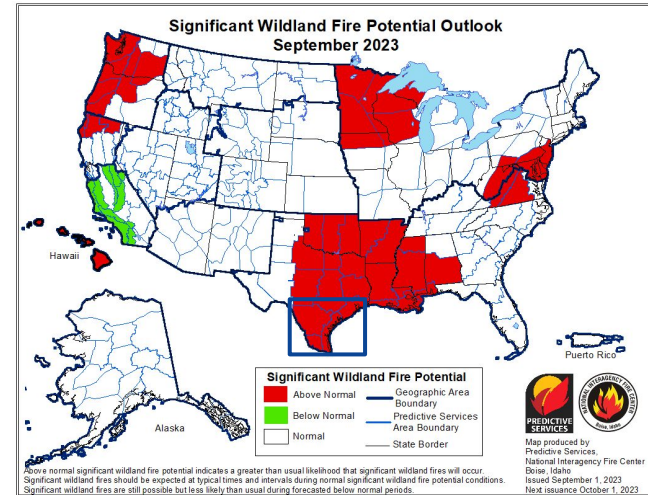


Image Caption: [Significant Wildland Fire Potential Monthly Outlook](#) for September 2023







# Long-Range Outlooks

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

- Above normal temperatures and Below Normal precipitation likely to continue in South Texas

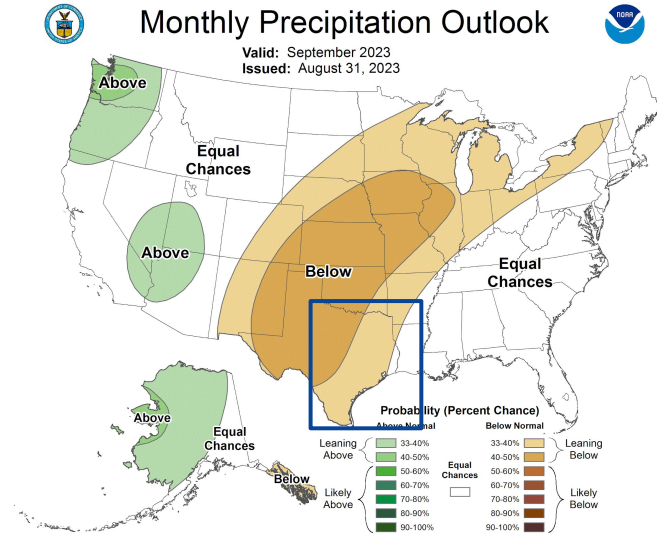
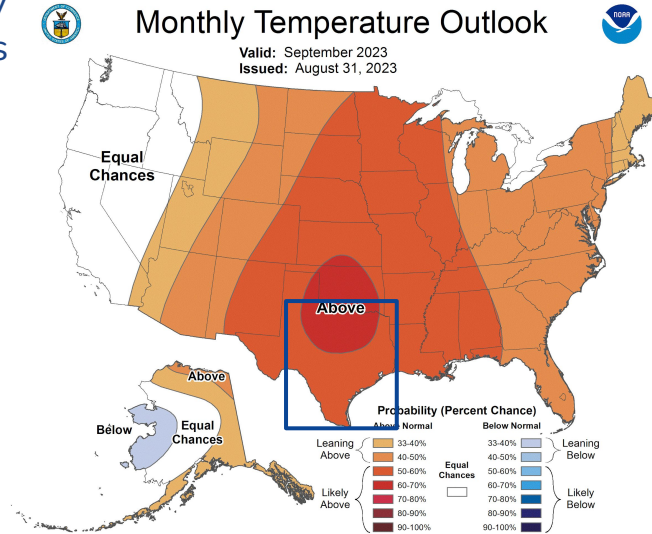


Image Captions:

Left - [Climate Prediction Center Monthly Temperature Outlook](#).

Right - [Climate Prediction Center Monthly Precipitation Outlook](#).

Valid 09 2023





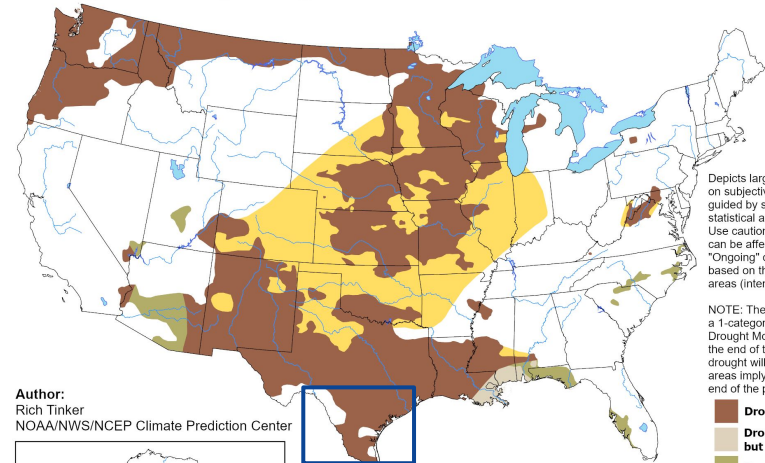
# Drought Outlook

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

- Drought conditions for September likely to persist across South Texas and much of the state.

## U.S. Monthly Drought Outlook Drought Tendency During the Valid Period

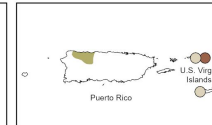
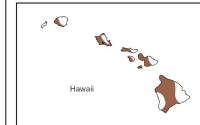
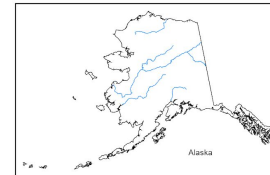
Valid for September 2023  
Released August 31, 2023



Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. \*Ongoing\* drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to D4).

NOTE: The tan areas imply at least a 1-category improvement in the Drought Monitor intensity levels by the end of the period, although drought will remain. The green areas imply drought removal by the end of the period (D0 or none).

Author:  
Rich Tinker  
NOAA/NWS/NCEP Climate Prediction Center



- Drought persists
- Drought remains, but improves
- Drought removal likely
- Drought development likely
- No drought



<https://go.usa.gov/3eZGd>

Image Caption:

Climate Prediction Center Monthly Drought Outlook Released 08 31, 2023 valid for 09 2023

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  
Corpus Christi TX