



Drought Information Statement for South Texas

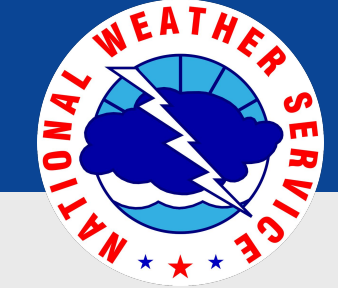
Valid April 2, 2024

Issued By: NWS Corpus Christi, TX

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

- This product will be updated May 7, 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/crp/DroughtInformationStatement> for previous statements.





U.S. Drought Monitor

April 2, 2024
8:09 AM

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

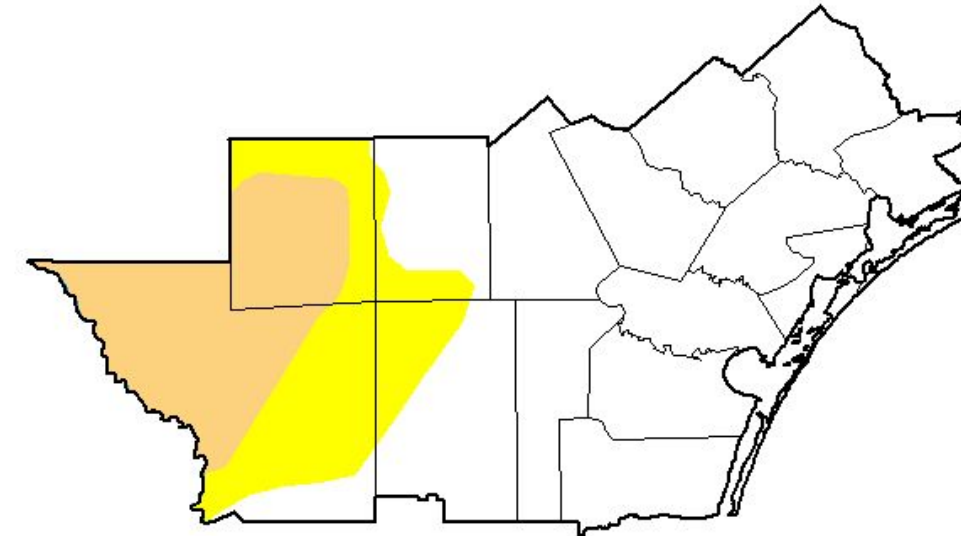
- Majority of South Texas is drought free
- Drought intensity and Extent
 - D4 (Exceptional Drought): None
 - D3 (Extreme Drought): None
 - D2 (Severe Drought): None
 - D1 (Moderate Drought): Western Brush Country
 - D0: (Abnormally Dry): Southern and Eastern Brush Country

U.S. Drought Monitor Corpus Christi, TX WFO

March 26, 2024
(Released Thursday, Mar. 28, 2024)
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	67.94	32.06	16.86	0.00	0.00	0.00
Last Week 03-19-2024	67.94	32.06	16.86	0.00	0.00	0.00
3 Months Ago 12-26-2023	45.93	54.07	21.95	0.00	0.00	0.00
Start of Calendar Year 01-02-2024	45.93	54.07	21.95	0.00	0.00	0.00
Start of Water Year 09-26-2023	4.33	95.67	72.50	35.40	23.70	0.00
One Year Ago 03-28-2023	0.00	100.00	99.78	79.94	19.74	0.00



Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:

Brad Rippey
U.S. Department of Agriculture



droughtmonitor.unl.edu

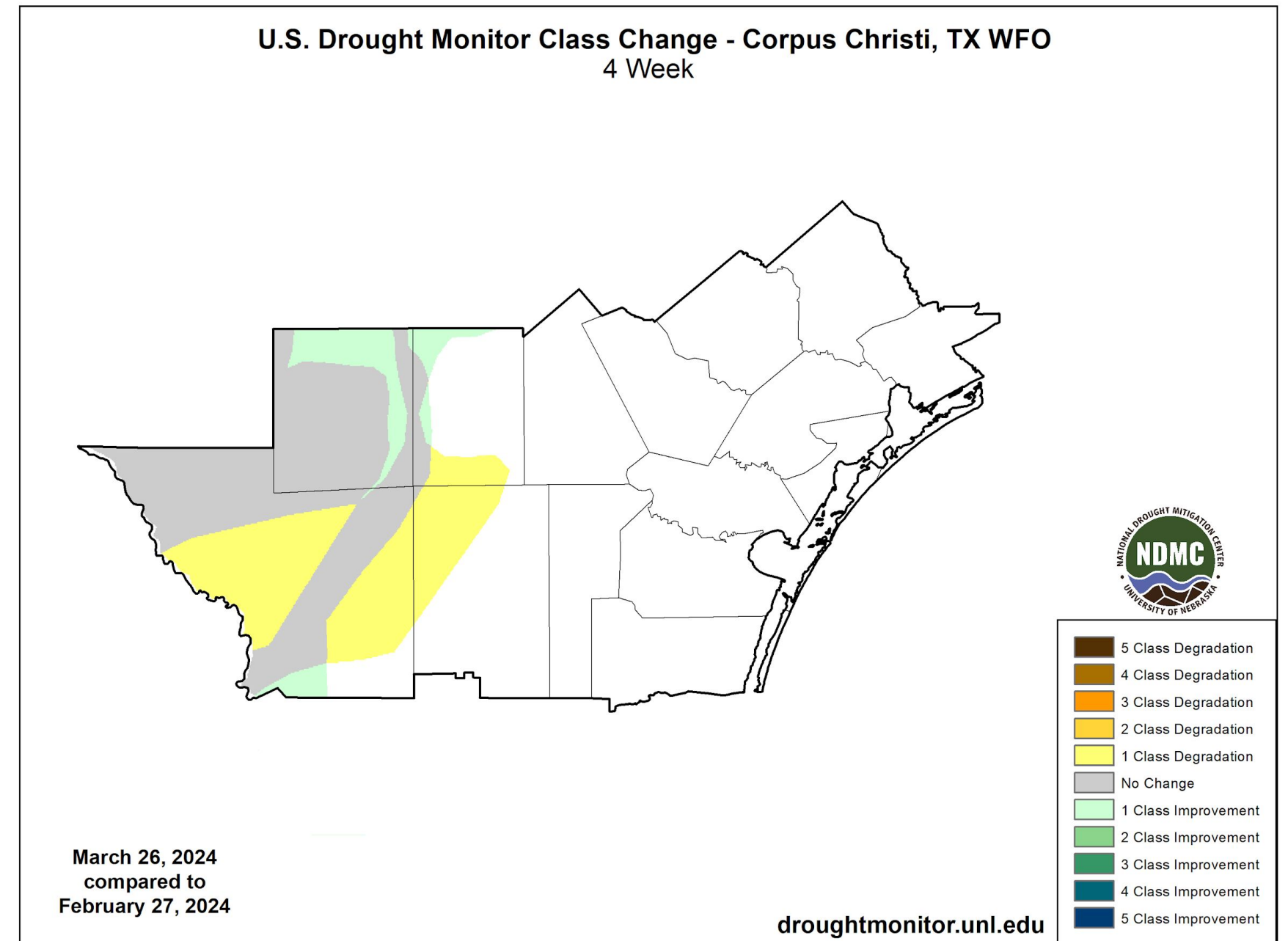


Recent Change in Drought Intensity

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

- Four Week Drought Monitor Class Change.
 - Drought Worsened: Southern and Eastern Brush Country
 - No Change: Coastal Plains and Coastal Bend
 - Drought Improved: Far Northern Brush Country



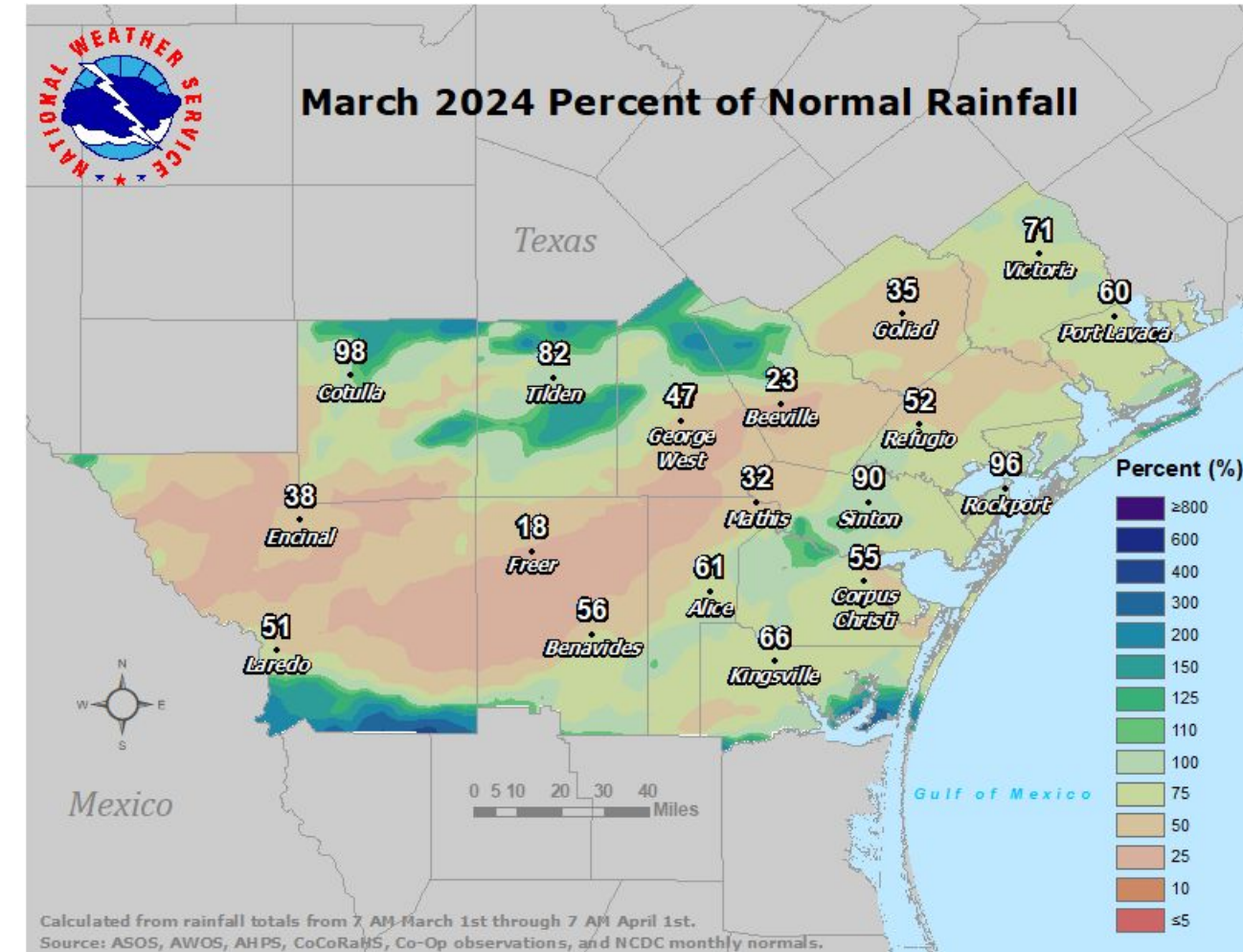
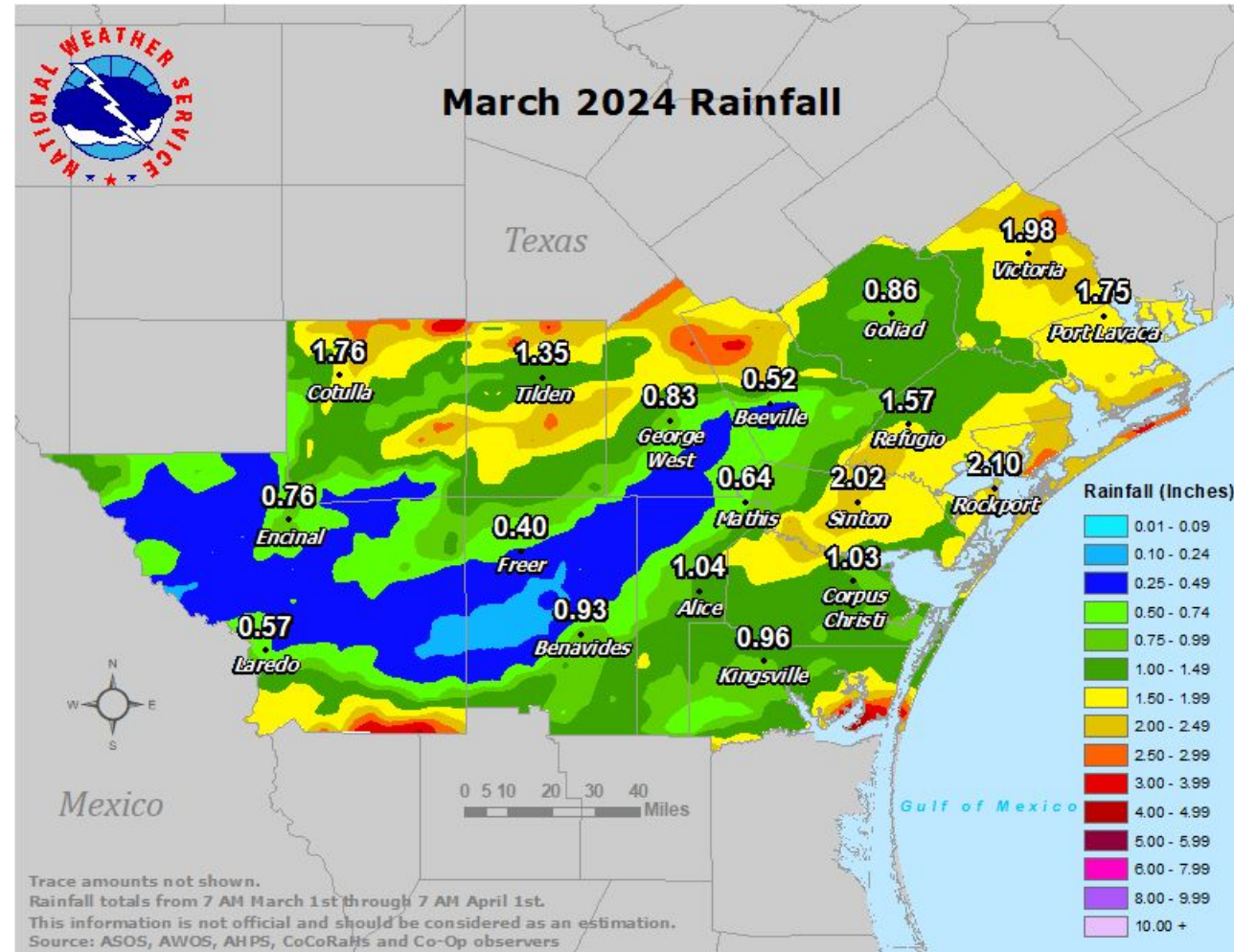


Precipitation

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South Texas Rainfall

- Overall, below average rainfall was observed through March. A few locations were near average with those spots seeing 1.5-2".



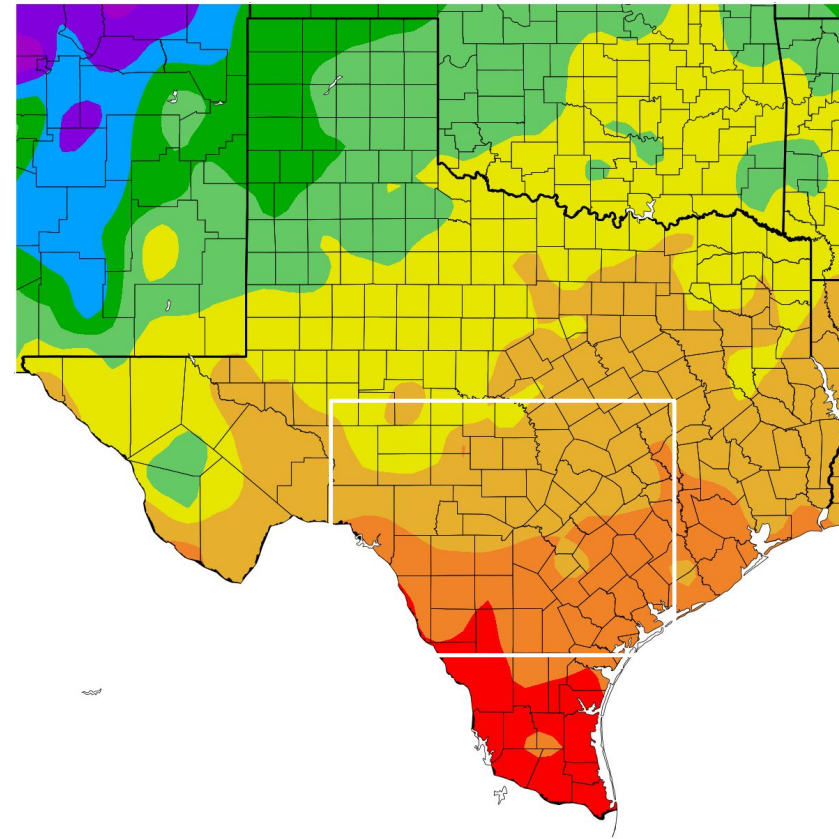


Temperature

April 2, 2024
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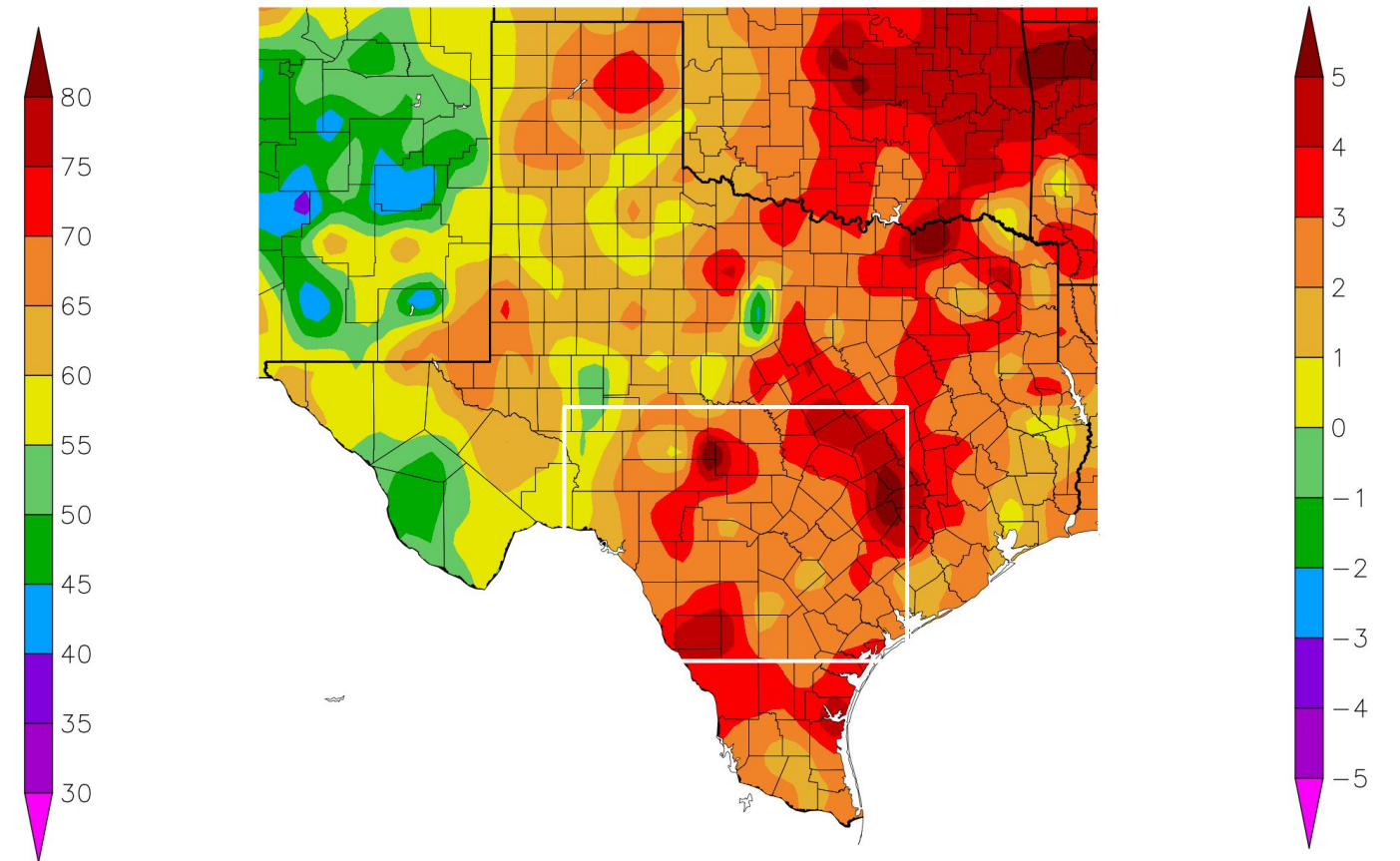
- Temperatures were slightly above normal for March 2024.

Temperature (F)
3/2/2024 – 3/31/2024



Generated 4/1/2024 at HPRCC using provisional data.

Departure from Normal Temperature (F)
3/2/2024 – 3/31/2024



NOAA Regional Climate Centers²⁴ at HPRCC using provisional data.

NOAA Regional Climate Centers





Summary of Impacts

April 2, 2024

8:09 AM

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

- Coastal Bend: The region received 1 inch to 3 inches of rain, helping crops and pastures grow. Rangeland and pasture conditions improved significantly due to recent rainfall. All corn had germinated and was progressing well. Rice planting continued. Most pecan trees began to leaf out. Crops across the county are in exceptional shape and have improved with the recent rains. All corn and grain sorghum were planted and looked good. Most cotton was up, but there was concern that freshly planted cotton before the rain might have to be replanted. Livestock were beginning to show signs of improved condition. Calves were growing well. Cattle prices were still at historic highs and going higher. Cattle remain in good condition. Some livestock producers continued supplemental feed
- South: Rain fell across the district, allowing rangeland and pastures to slightly green up. Strawberry plants were in full production. Growing conditions have been nearly ideal for row crops, pastures, and small grain crops. Producers were completing the onion harvest. Cantaloupe season was in full swing. Citrus and vegetable harvest continued. Forbs provided excellent grazing for cattle and wildlife. Livestock prices were holding steady but have recently seen a slight increase in cow and bull prices. Body conditions continue to improve for all types of livestock and wildlife.





Summary of Impacts

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

Fire Hazard Impacts

- Low to moderate fire danger at this time

Other Impacts

- Corpus Christi under stage 2 water restrictions
- Laredo under stage 2 water restrictions
- Alice under stage 2 restrictions

Mitigation Actions

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



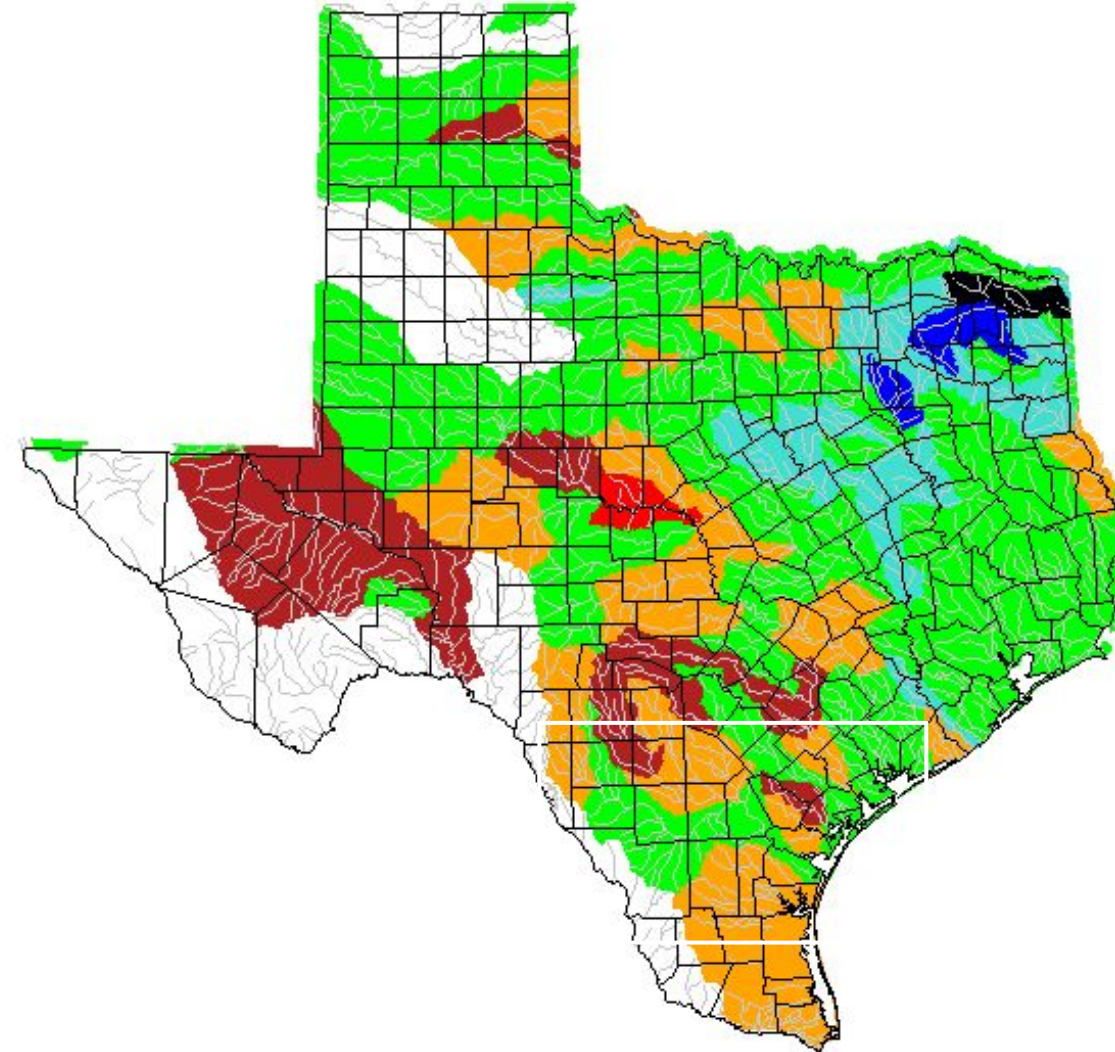
Hydrologic Conditions and Impacts

April 2, 2024
8:09 AM

USGS 7-Day Avg Streamflow | Texas Reservoirs

- Normal to below normal flows across all of South Texas

Monday, April 01, 2024



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	192.1
Lake Corpus Christi	94.0	85.50
Lake Texana	44.0	43.9
Coleta Creek	98.0	98.1
Canyon Lake	909.0	887.3
Lake Amistad	1117.0	1050.9





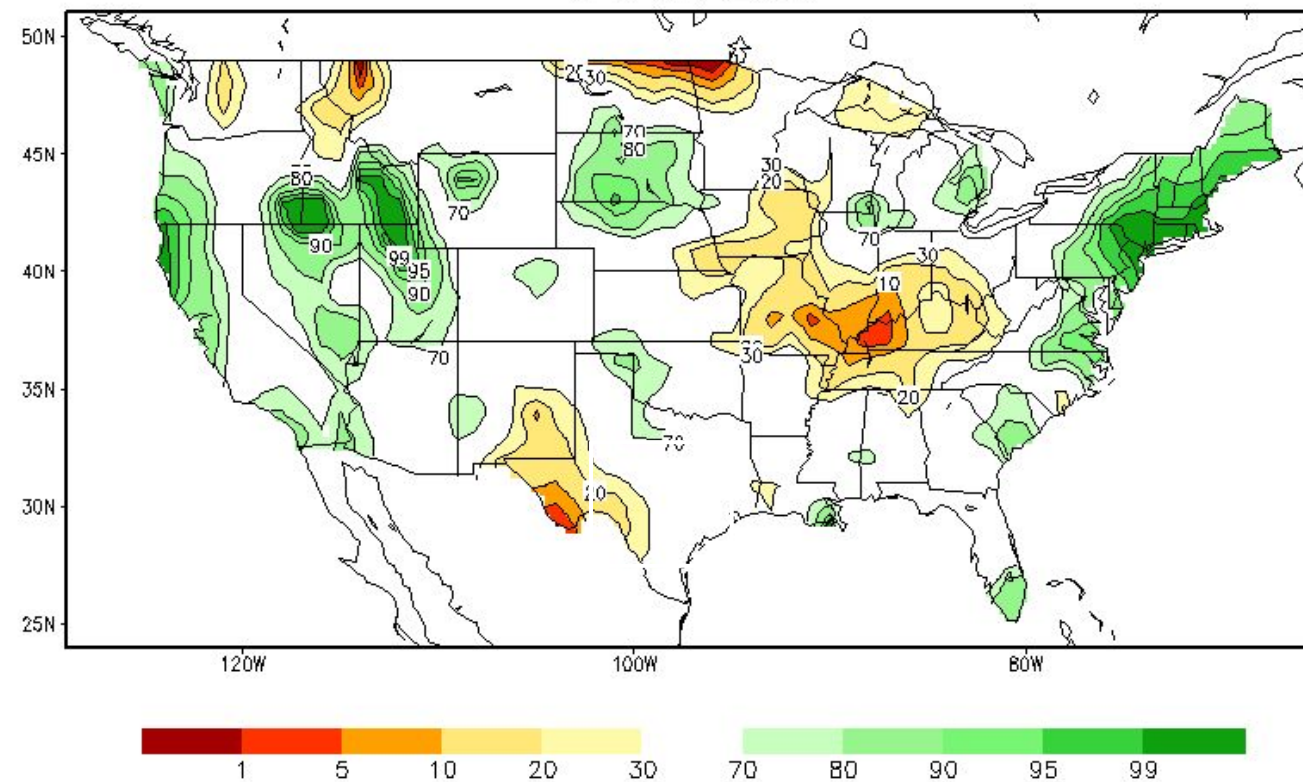
Agricultural Impacts

April 2, 2024
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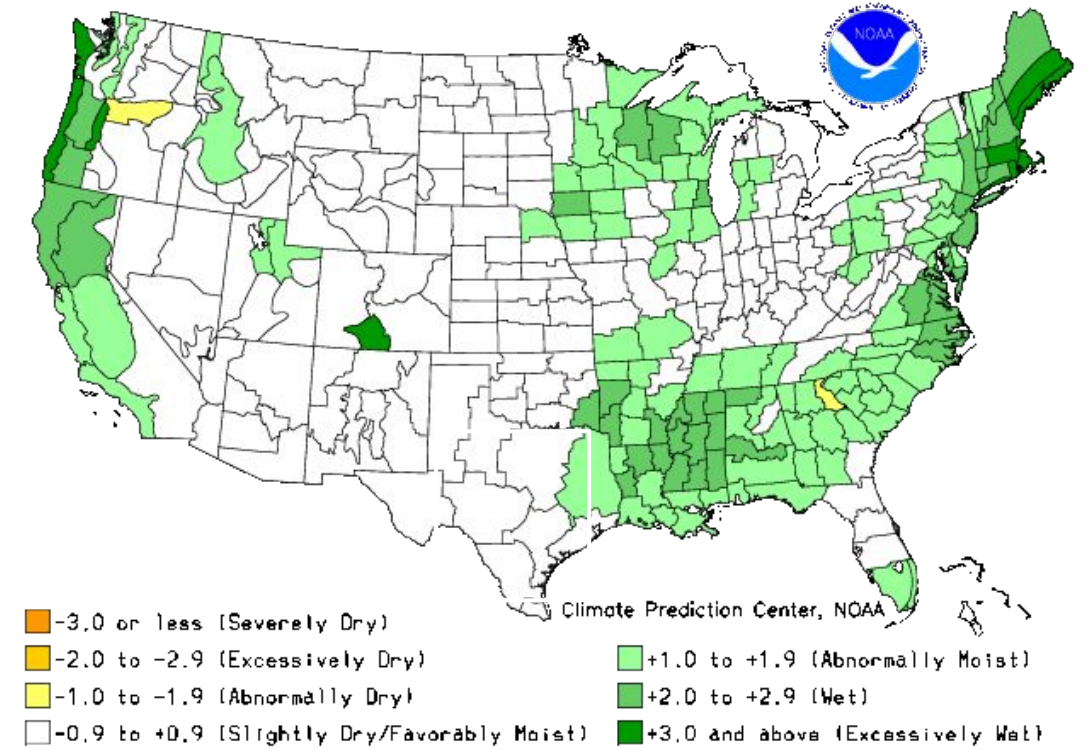
[Soil Moisture](#) | [Crop Moisture](#)

- Soil moisture remains below normal across the Northwest Brush Country.
- Near normal soil moisture for the remainder of the area.

Calculated Soil Moisture Ranking Percentile
MAR 31, 2024



Crop Moisture Index by Division
Weekly Value for Period Ending MAR 30, 2024
Short Term Need vs. Available Water in a Shallow Soil Profile





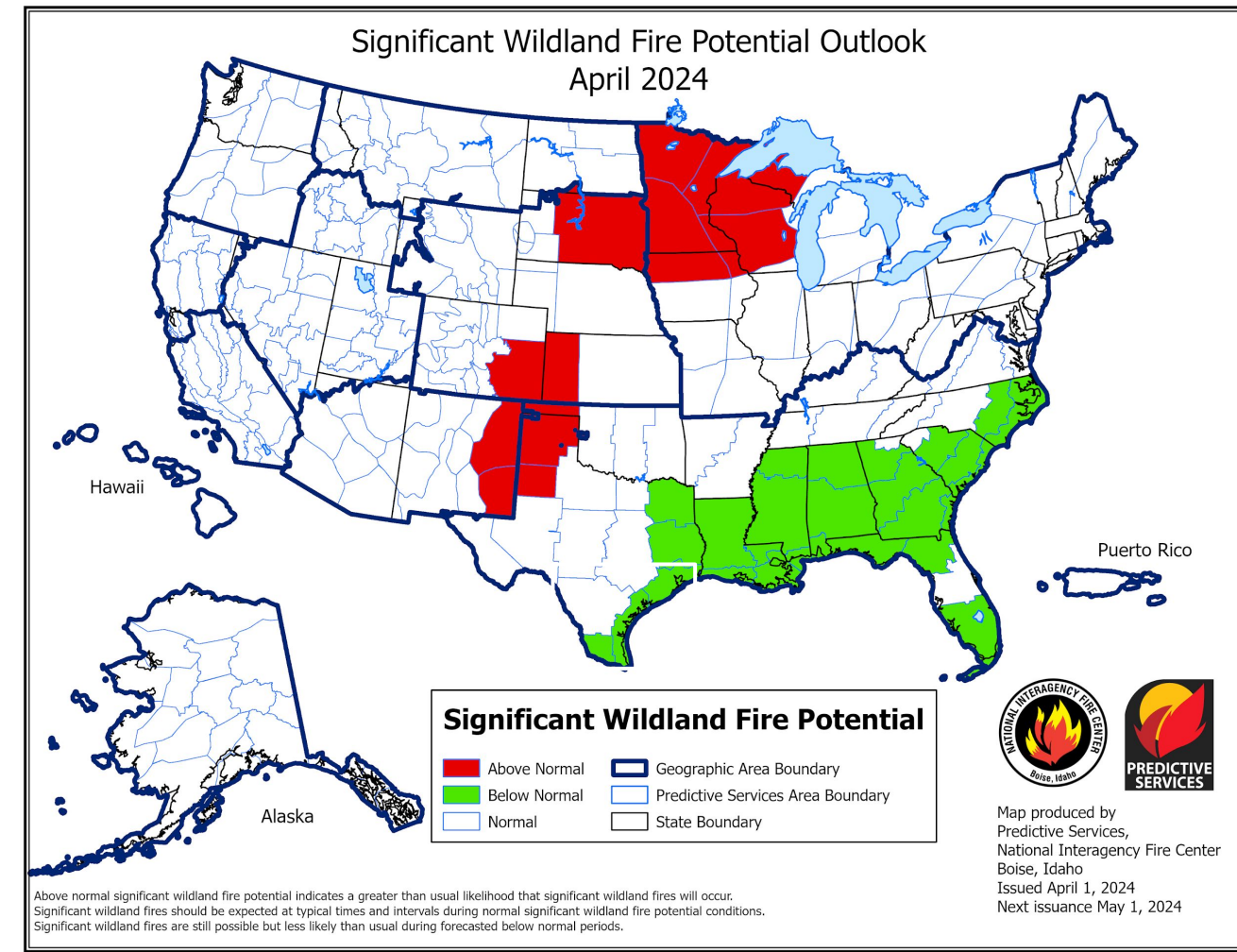
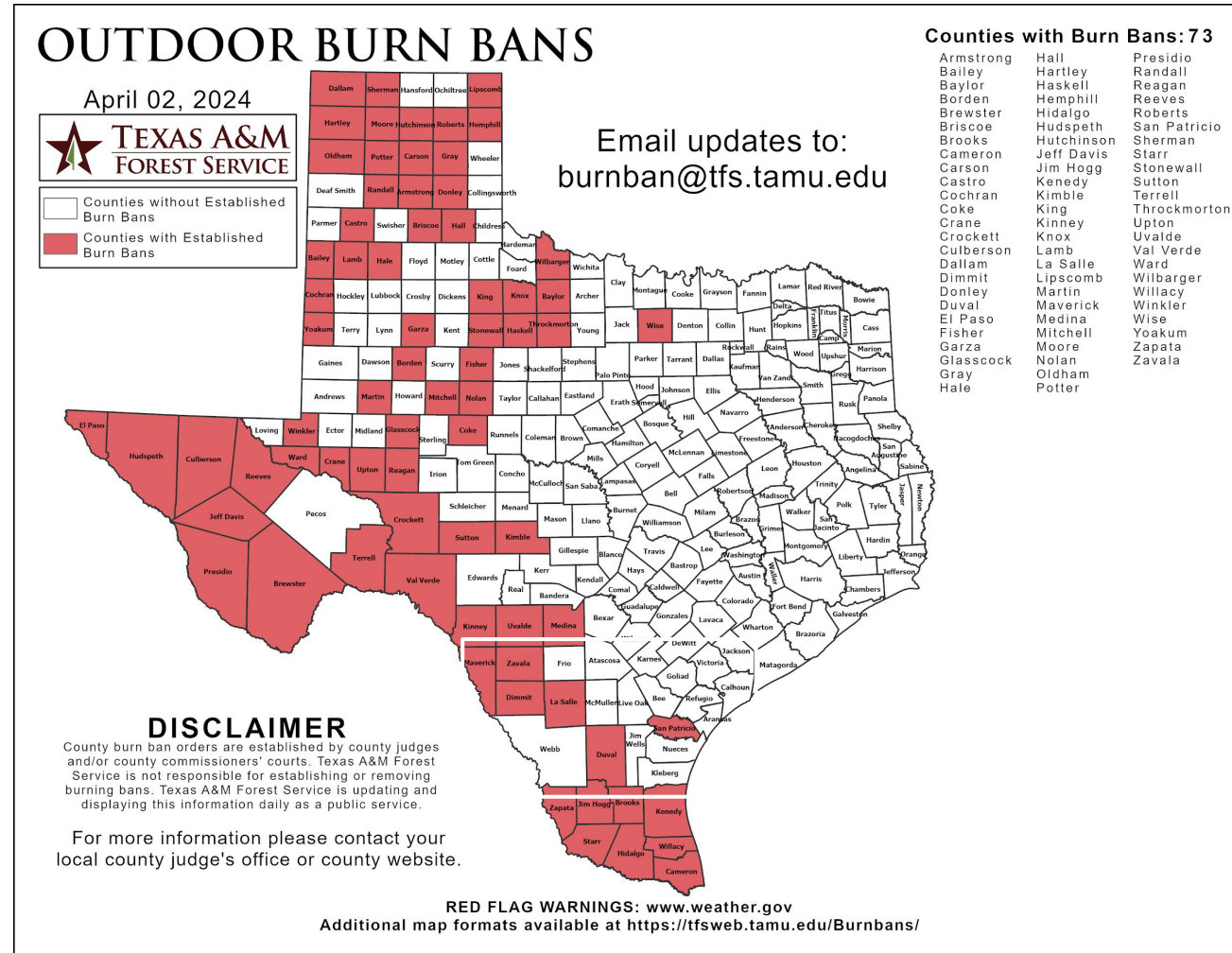
Fire Hazard Impacts

April 2, 2024
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Link to [Wildfire Potential Outlooks from the National Interagency Coordination Center](#).

- Burn Bans in place across portions of South Texas
- Normal to below normal significant wildfire potential through April

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



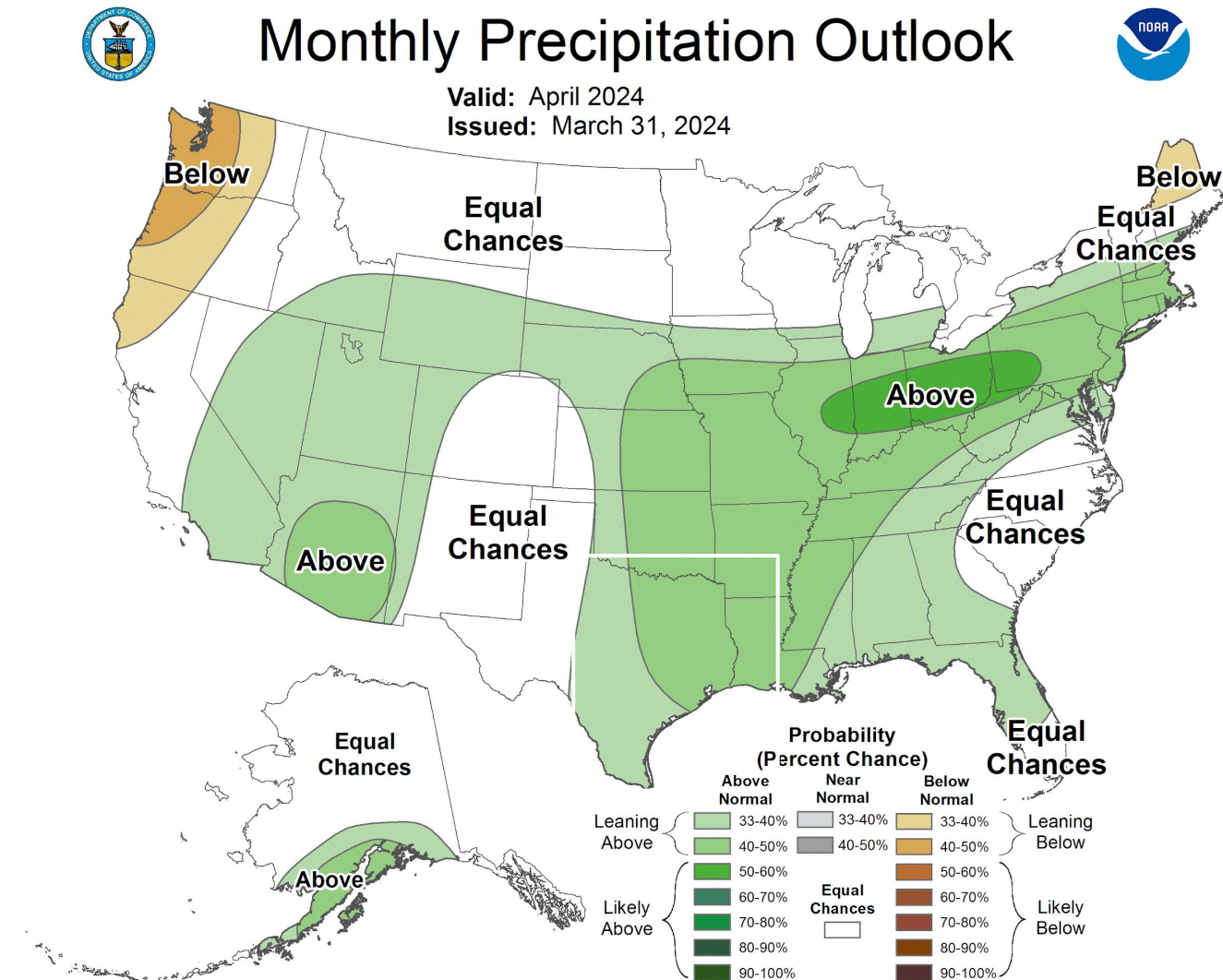
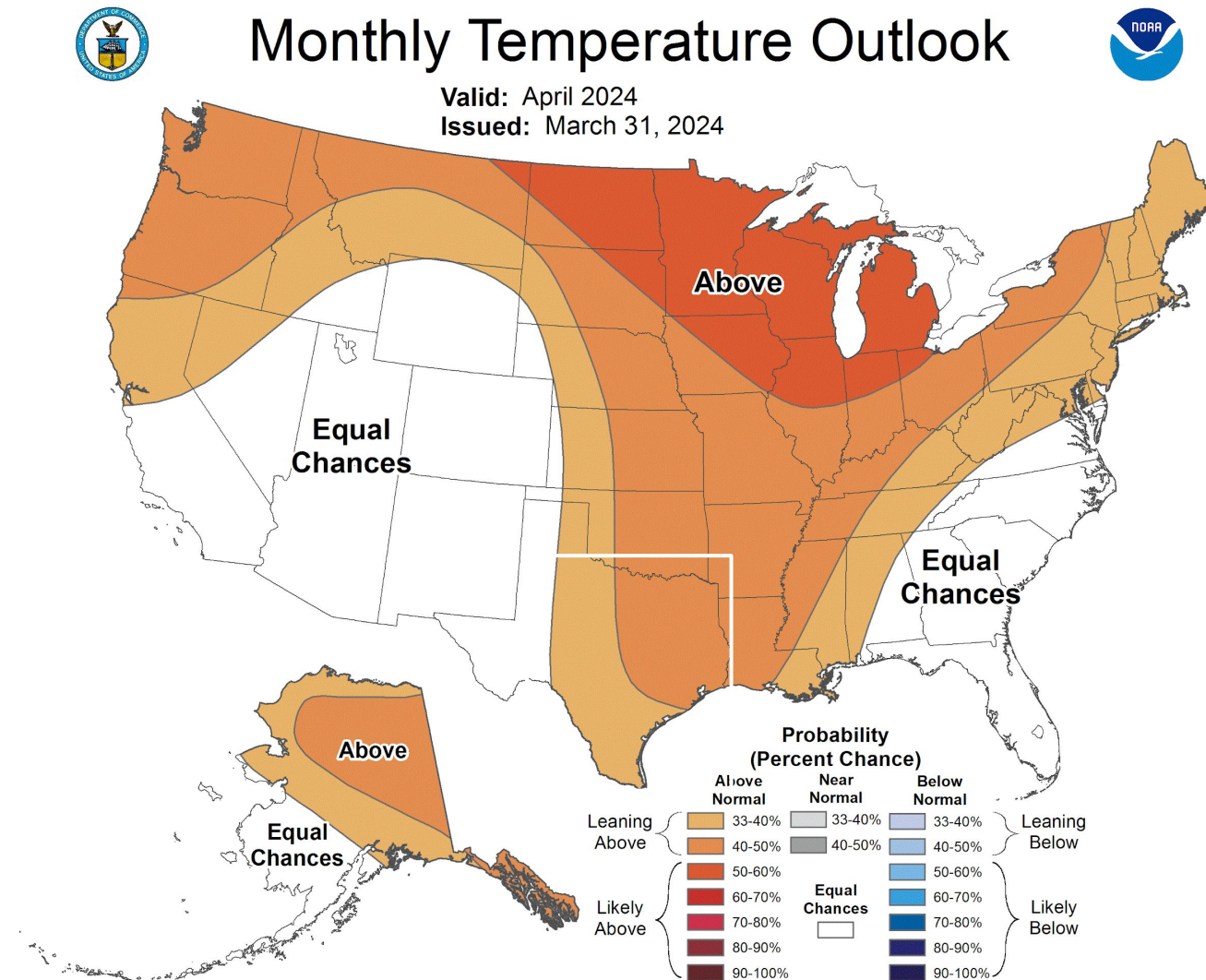


Long-Range Outlooks

April 2, 2024
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The latest monthly and seasonal outlooks can be found on the [CPC homepage](#)

- Above normal temperatures for April
- Above normal precipitation for April.





Drought Outlook

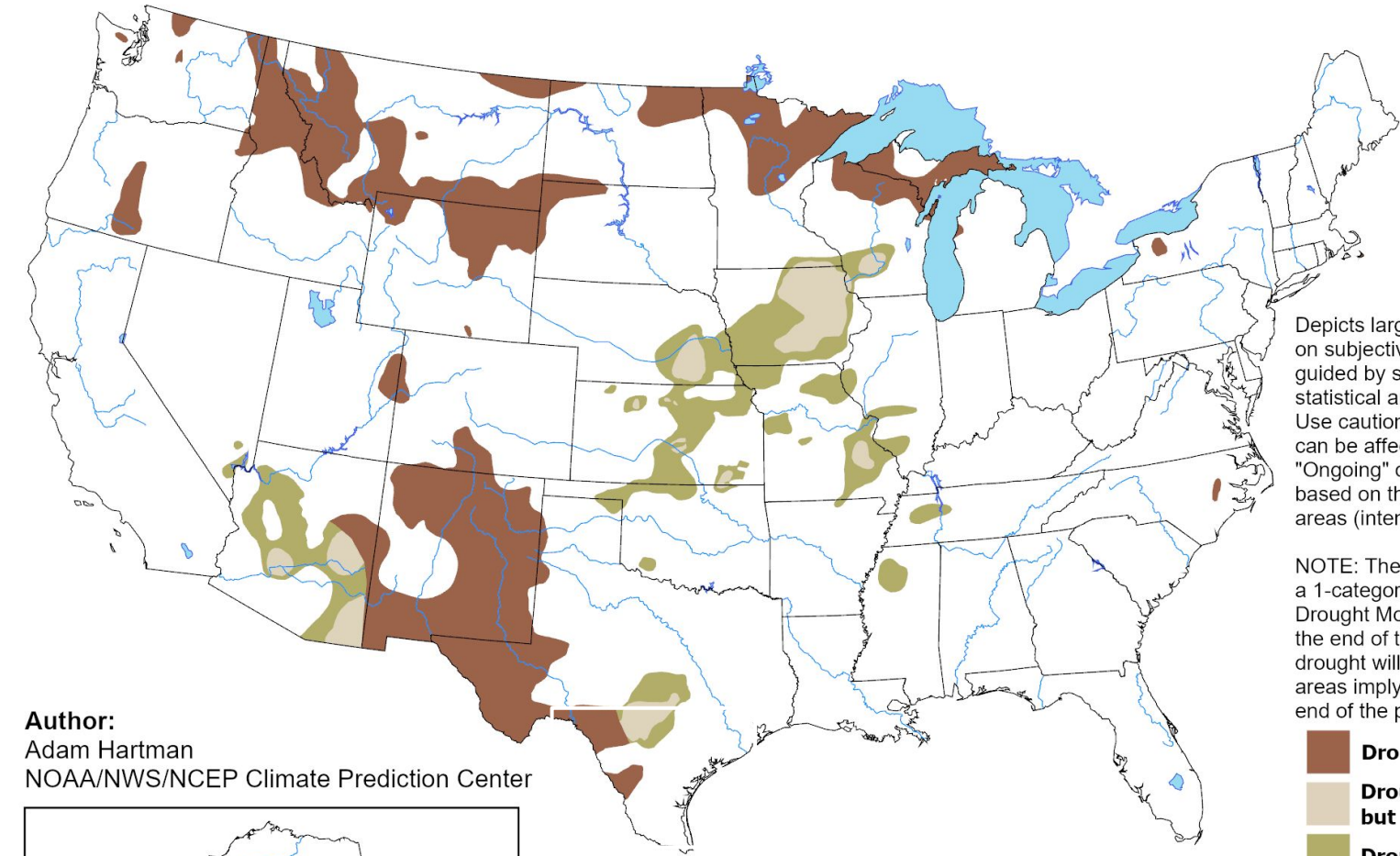
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The latest monthly and seasonal drought outlooks can be found on the [CPC homepage](#)

- Drought is likely to persist across the Northwest Brush Country.

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

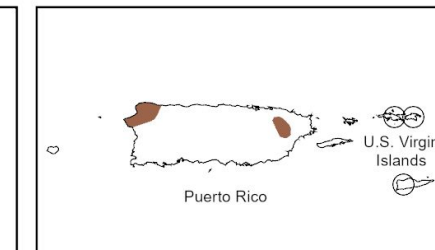
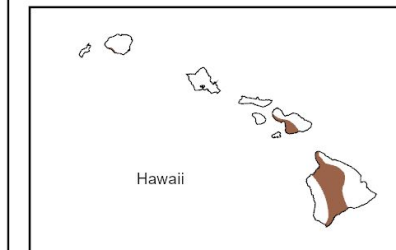
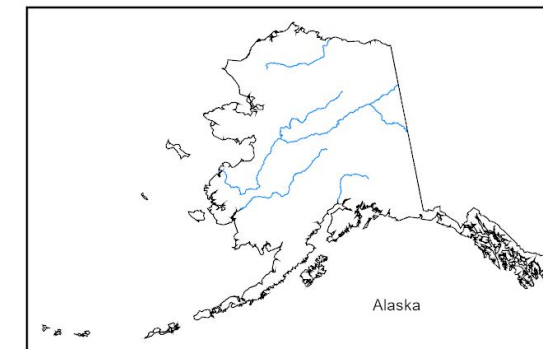
Valid for April 2024
Released March 31, 2024



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:
Adam Hartman
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>

