

Drought Information Statement for South Texas

Valid February 3, 2024

Issued By: NWS Corpus Christi, TX

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

- This product will be updated March 07, 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

February 3, 2024
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Link to the [latest U.S. Drought Monitor](#) for South Texas

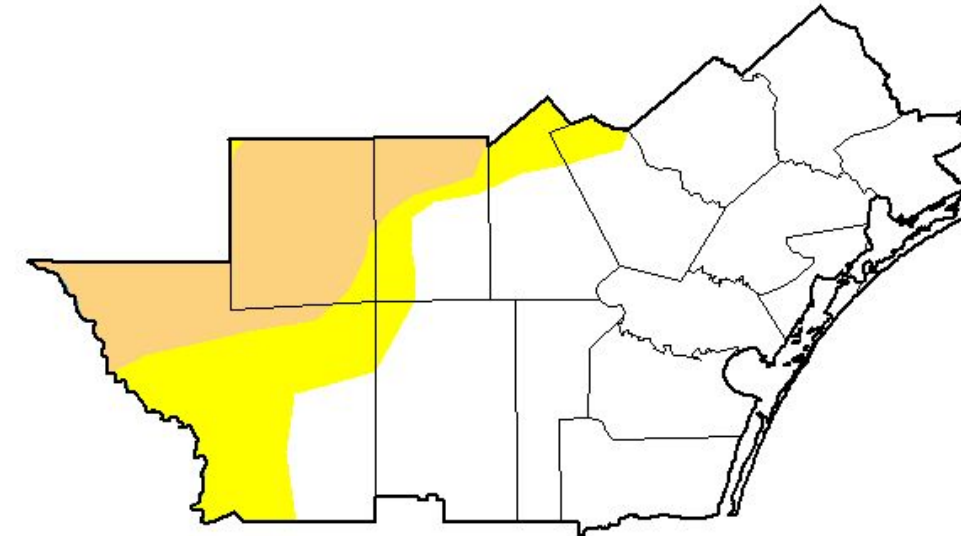
- Majority of South Texas is drought free
- Drought intensity and Extent
 - D4 (Exceptional Drought): None
 - D3 (Extreme Drought): None
 - D2 (Severe Drought): None
 - D1 (Moderate Drought): Northwest Brush Country
 - D0: (Abnormally Dry): Southern Brush Country and a small portion of the northern Coastal Plains

U.S. Drought Monitor Corpus Christi, TX WFO

January 30, 2024
(Released Thursday, Feb. 1, 2024)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	67.73	32.27	16.78	0.00	0.00	0.00
Last Week 01-23-2024	53.78	46.22	19.16	0.00	0.00	0.00
3 Months Ago 10-31-2023	35.74	64.26	46.46	30.74	17.43	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 01-31-2023	8.08	91.92	42.62	8.69	0.00	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:

Brian Fuchs
National Drought Mitigation Center



droughtmonitor.unl.edu

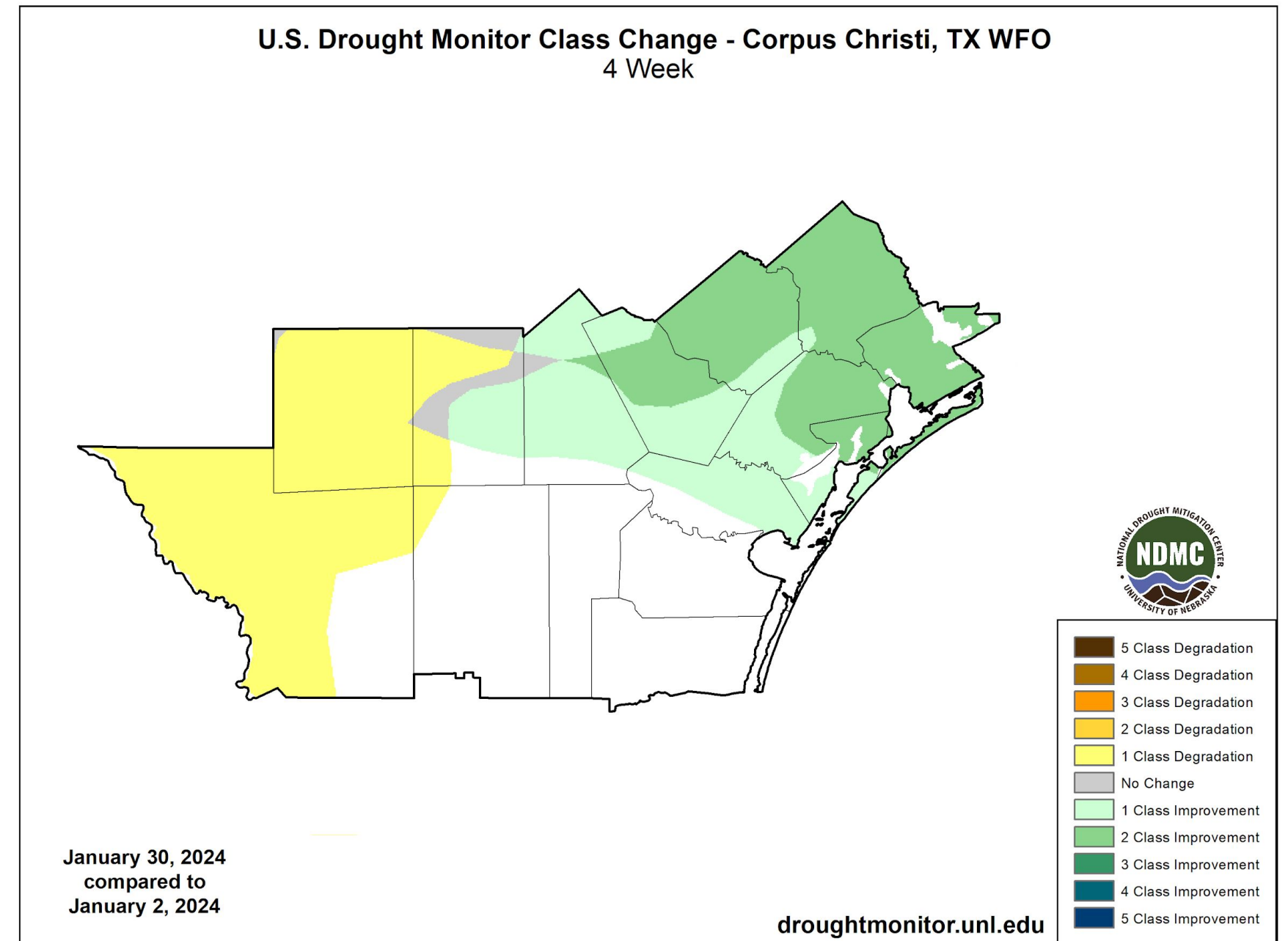


Recent Change in Drought Intensity

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

- Four Week Drought Monitor Class Change.
 - Drought Worsened: Across the Brush Country
 - No Change: Southern Coastal Plains and Coastal Bend
 - Drought Improved: Victoria Crossroads, Northern Coastal Bend and Coastal Plains



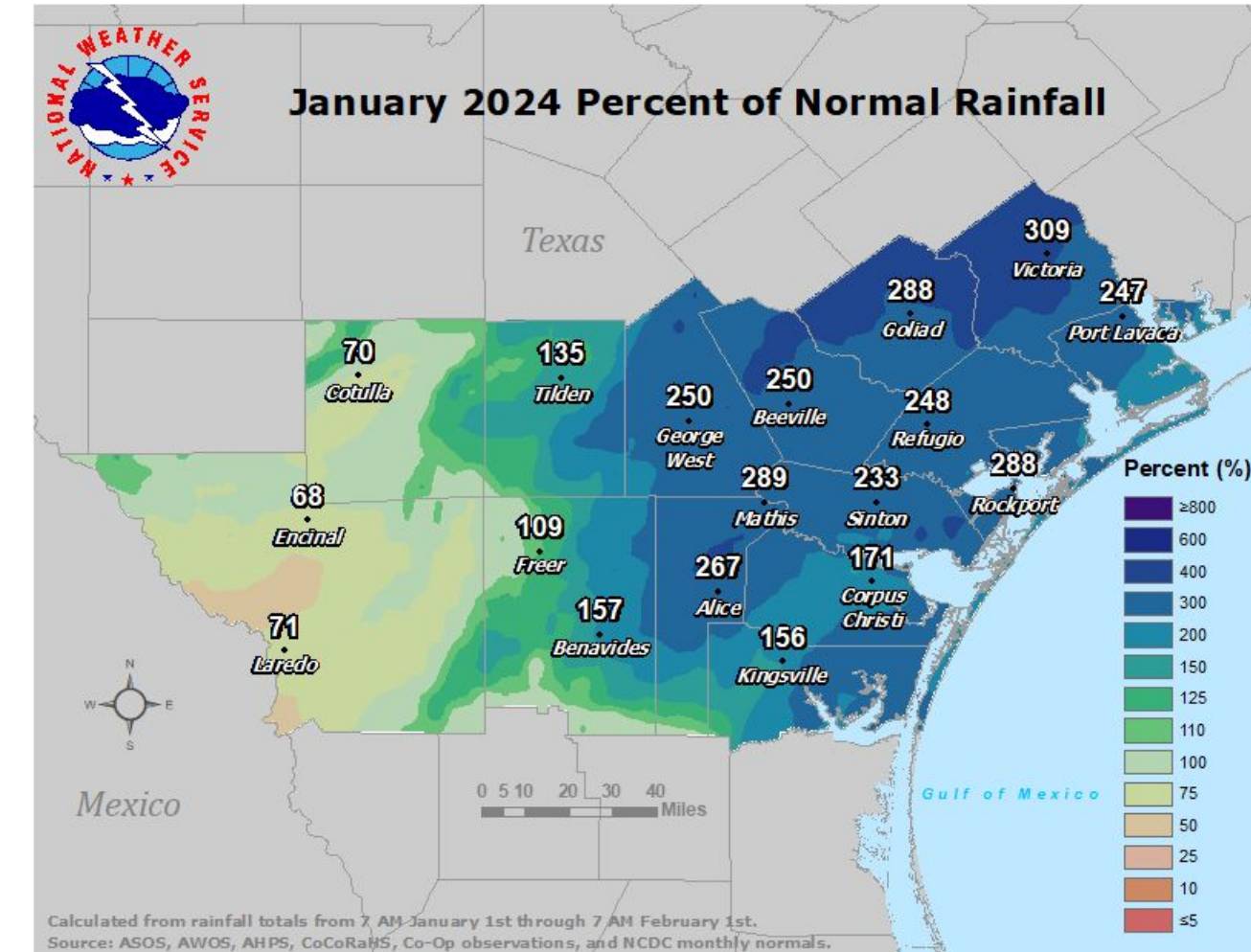
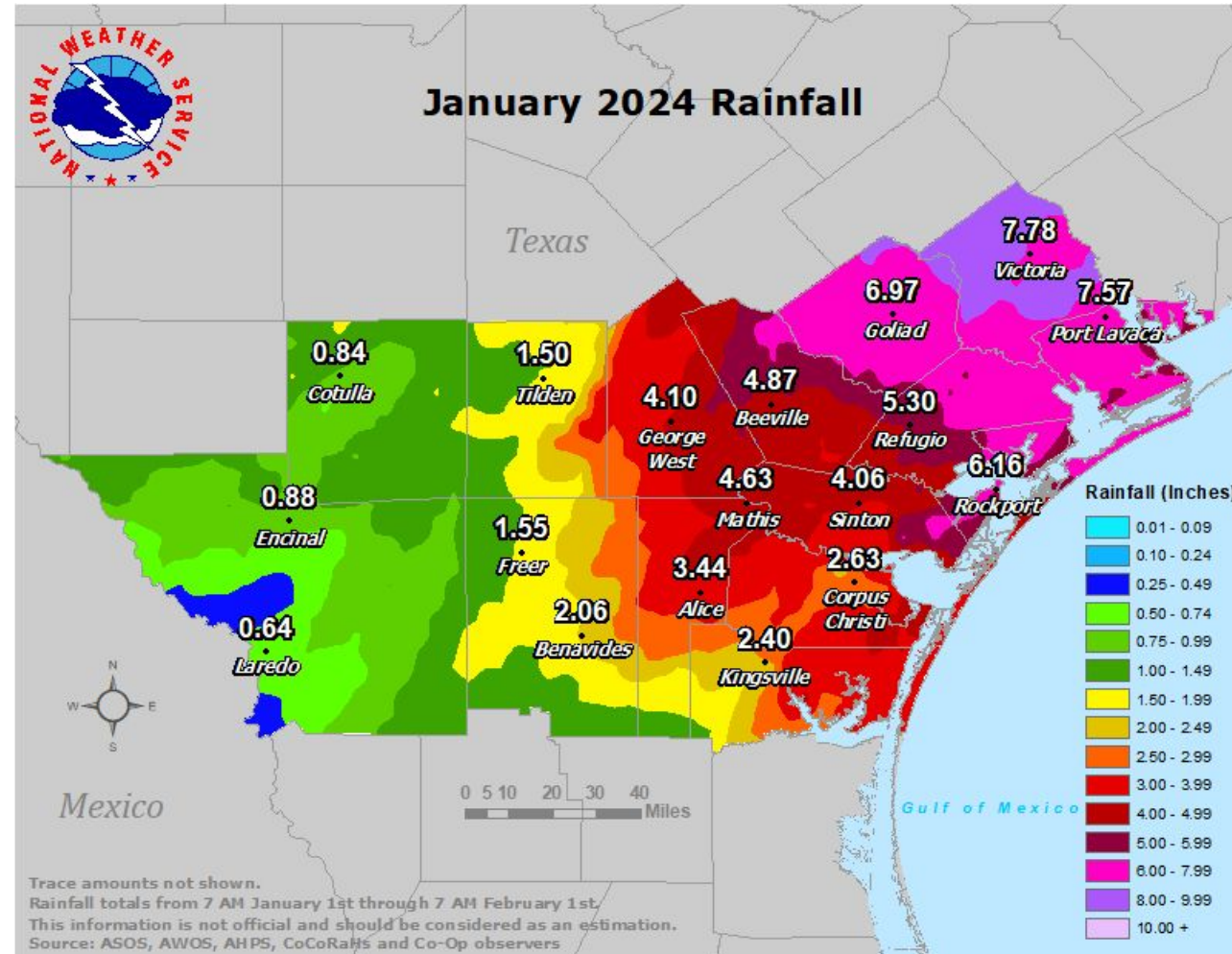


Precipitation

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South Texas Rainfall

- Beneficial rains fell through January, especially for those east of Highway 281. Rainfall amounts were well over 200% of normal for January. Some of the high totals exceeded 7" across the Victoria Crossroads.



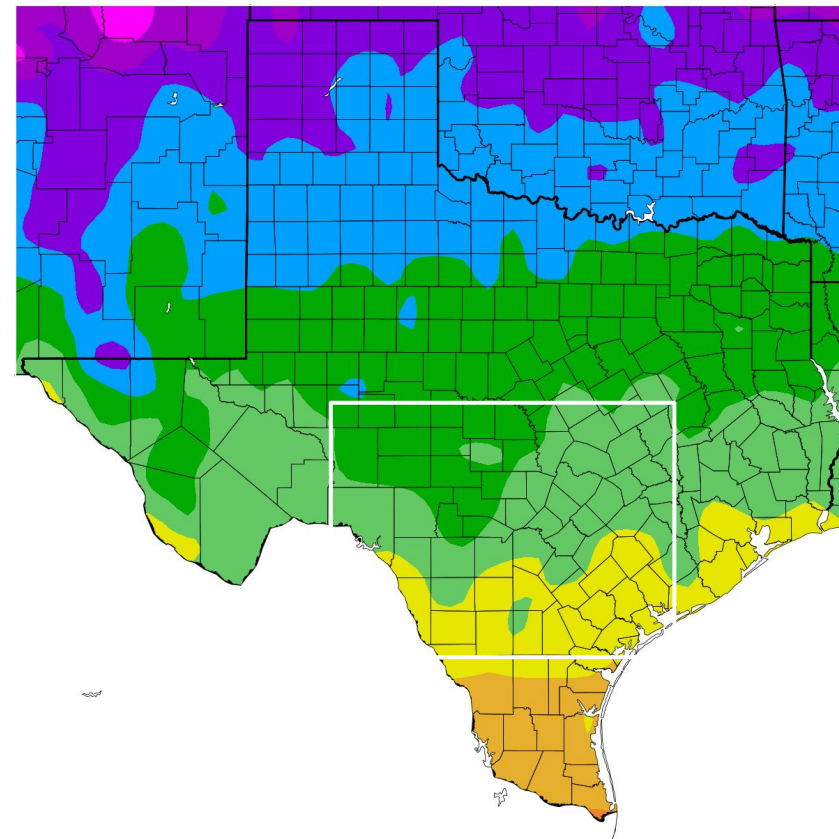


Temperature

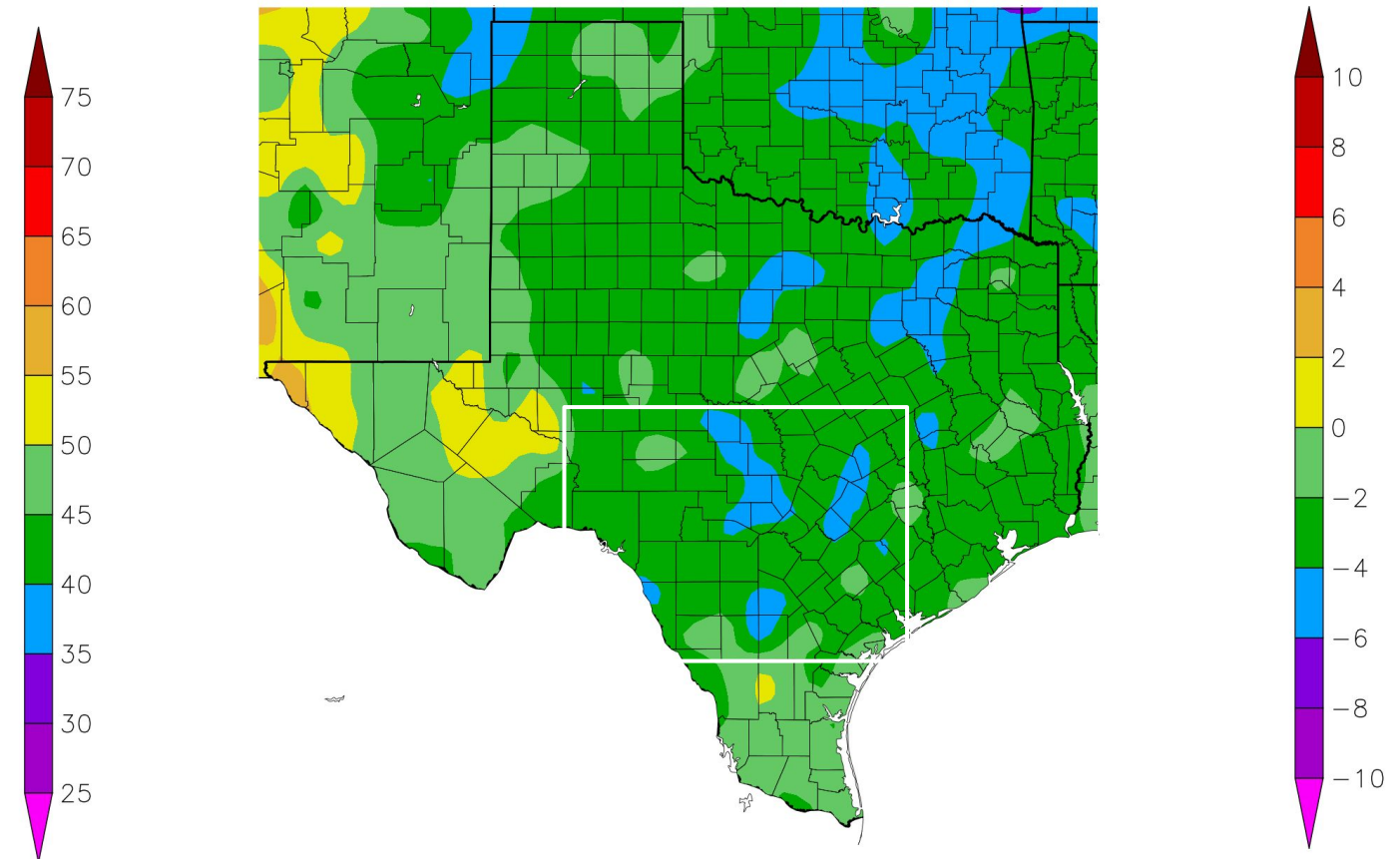
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- Temperatures were slightly below normal for January 2024.

Temperature (F)
1/4/2024 - 2/2/2024



Departure from Normal Temperature (F)
1/4/2024 - 2/2/2024



Generated 2/3/2024 at HPRCC using provisional data.

NOAA Regional Climate Centers ²⁴ at HPRCC using provisional data.

NOAA Regional Climate Centers





Summary of Impacts

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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

- Recent heavy rains brought relief, with countywide totals ranging from 3-12 inches, filling stock ponds and improving winter pasture conditions. Overall, the market holds firm despite the halting of farm operations due to the heavy rains.

Fire Hazard Impacts

- Low to moderate fire danger at this time

Other Impacts

- Corpus Christi under stage 1 water restrictions
- Victoria removed all drought restrictions on 1/25
- Laredo under stage 2 water restrictions
- Alice moved from stage 2 to stage 1 restrictions on 1/29

Mitigation Actions

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



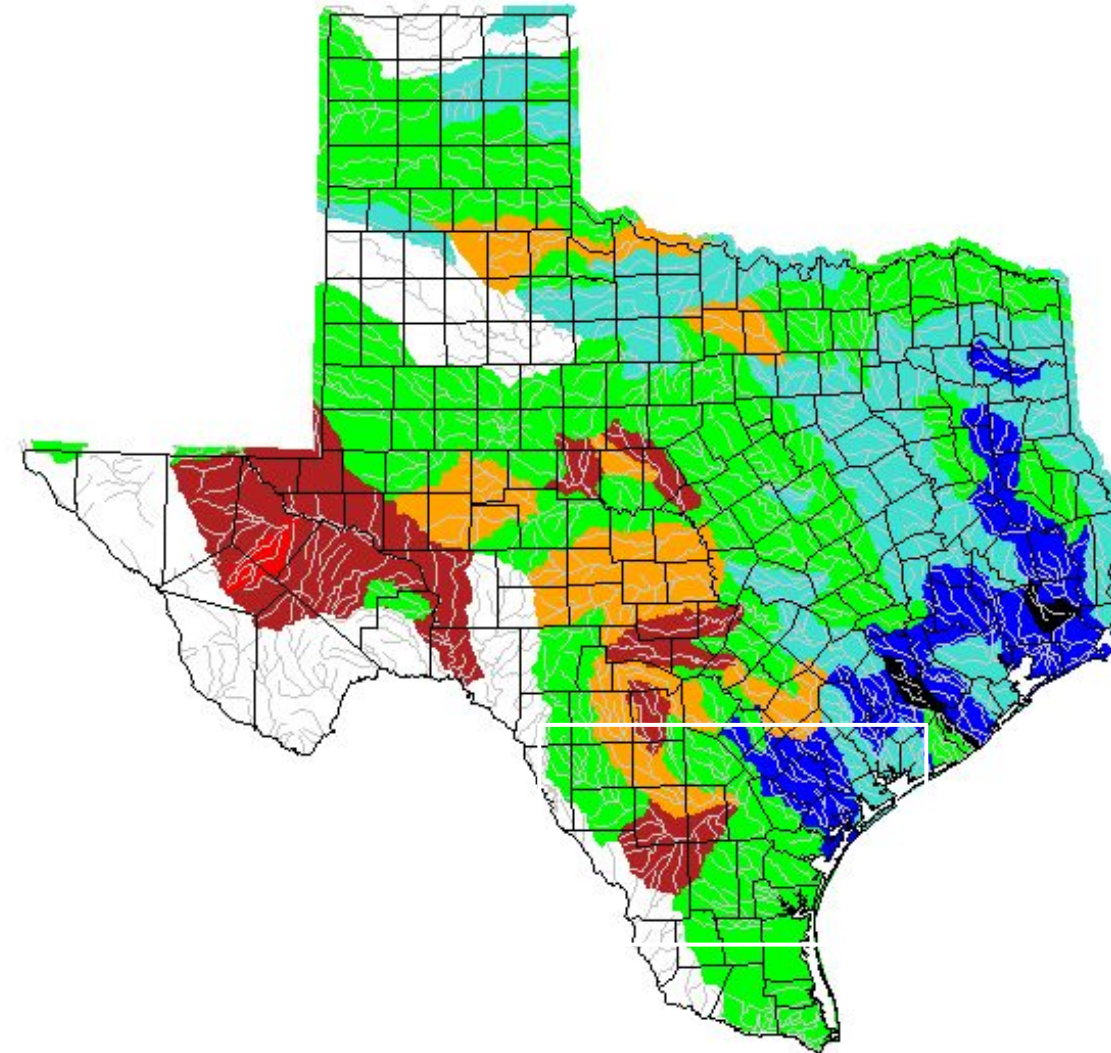
Hydrologic Conditions and Impacts

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USGS 7-Day Avg Streamflow | Texas Reservoirs

- Above normal flows are present across the Victoria Crossroads
- Normal to below normal conditions are observed on rivers and creeks west of I-37

Friday, February 02, 2024



Explanation - Percentile classes							
	<10	10-24	25-75	76-90	>90		
Low	Much below normal	Below normal	Normal	Above normal	Much above normal	High	No Data

Reservoir	Pool Elevation (ft)	Current Elevation (ft)
Choke Canyon.	220.5	192.7
Lake Corpus Christi	94.0	86.2
Lake Texana	44.0	44.0
Coleta Creek	98.0	99.3
Canyon Lake	909.0	887.7
Lake Amistad	1117.0	1058.4





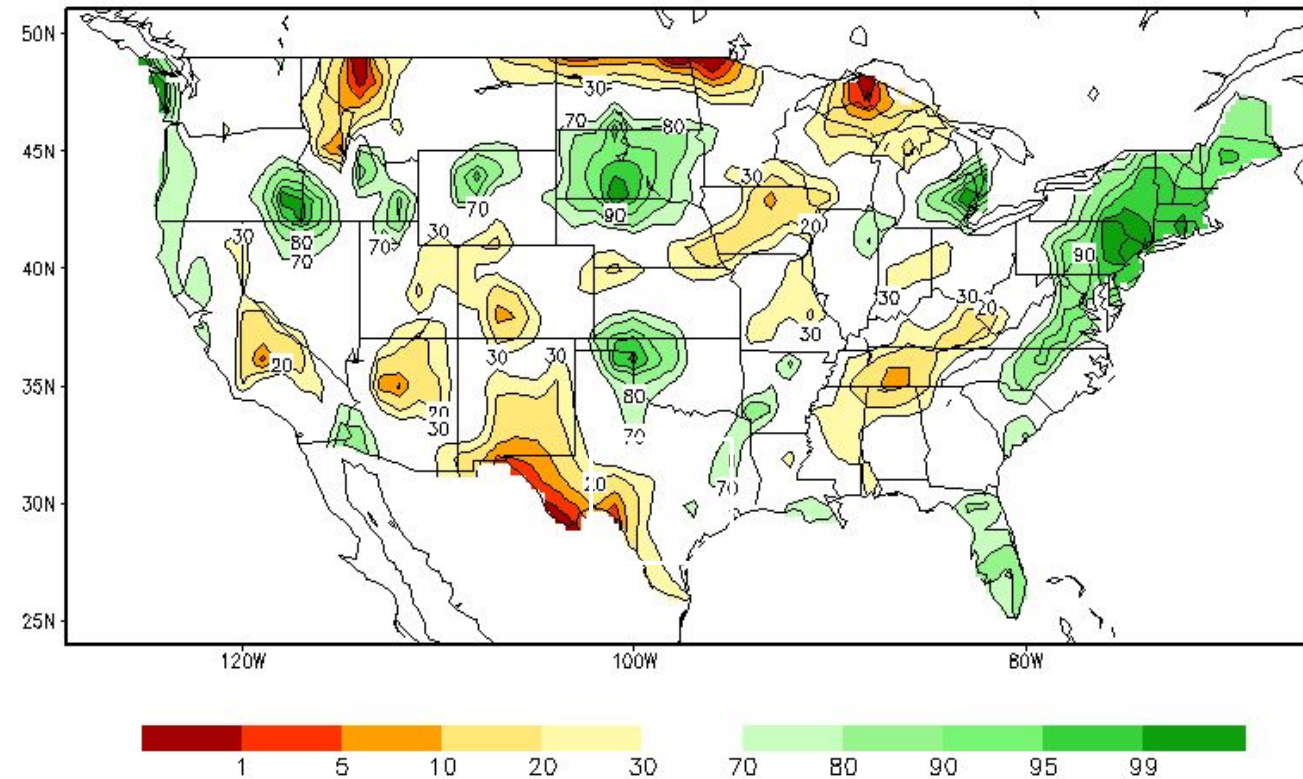
Agricultural Impacts

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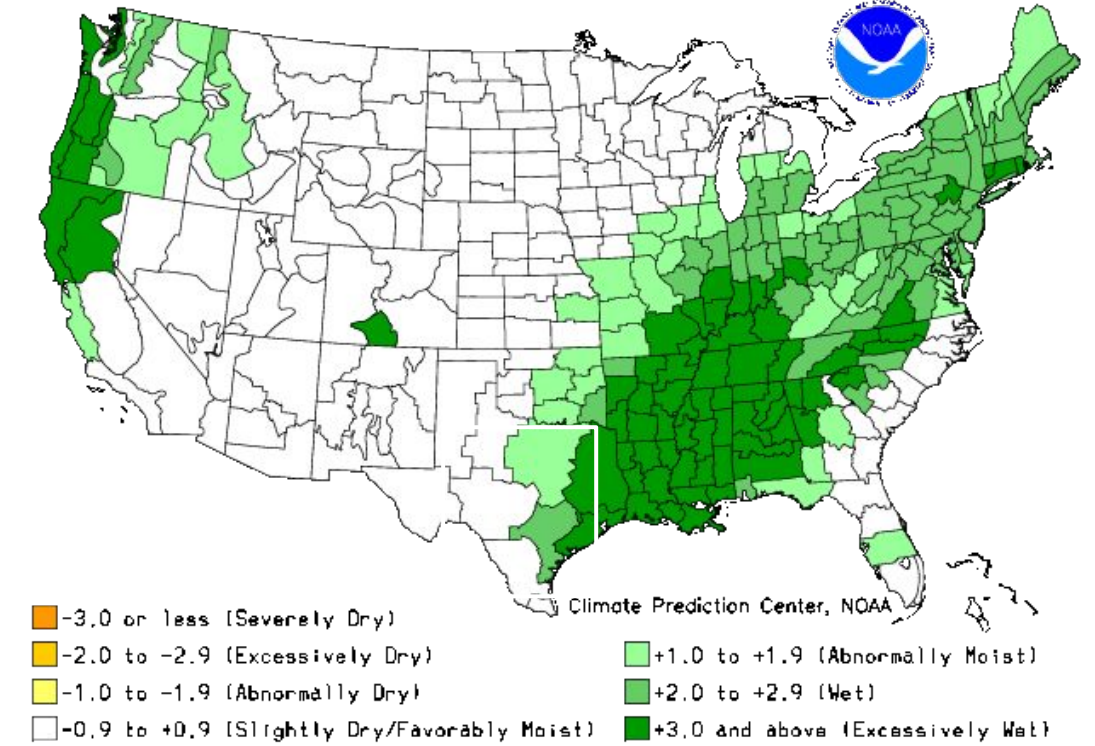
[Soil Moisture](#) | [Crop Moisture](#)

- Soil moisture remains below normal across the Brush Country.
- There are signs of improvements for those east of Highway 281.

Calculated Soil Moisture Ranking Percentile
FEB 02, 2024



Crop Moisture Index by Division
Weekly Value for Period Ending JAN 27, 2024
Short Term Need vs. Available Water in a Shallow Soil Profile





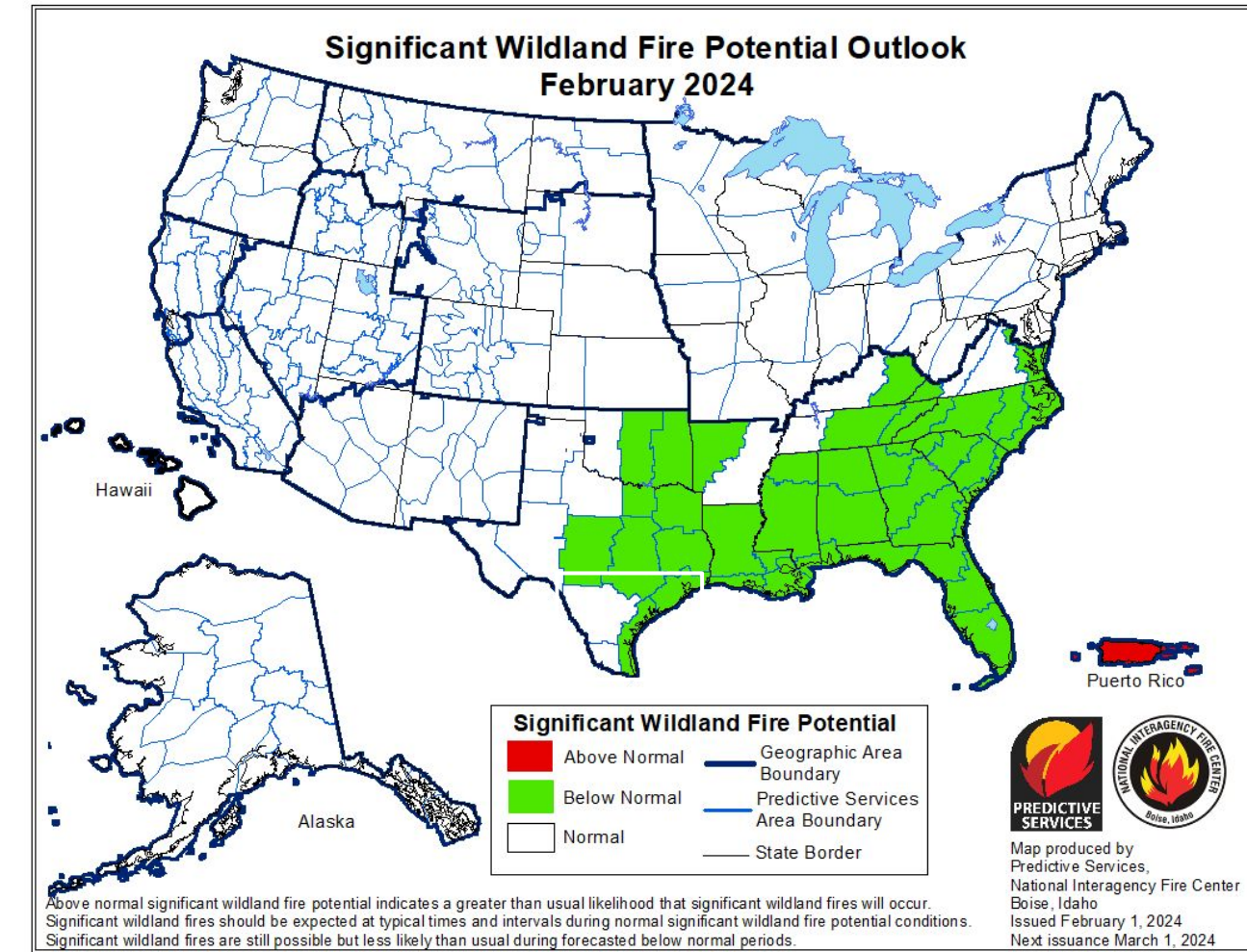
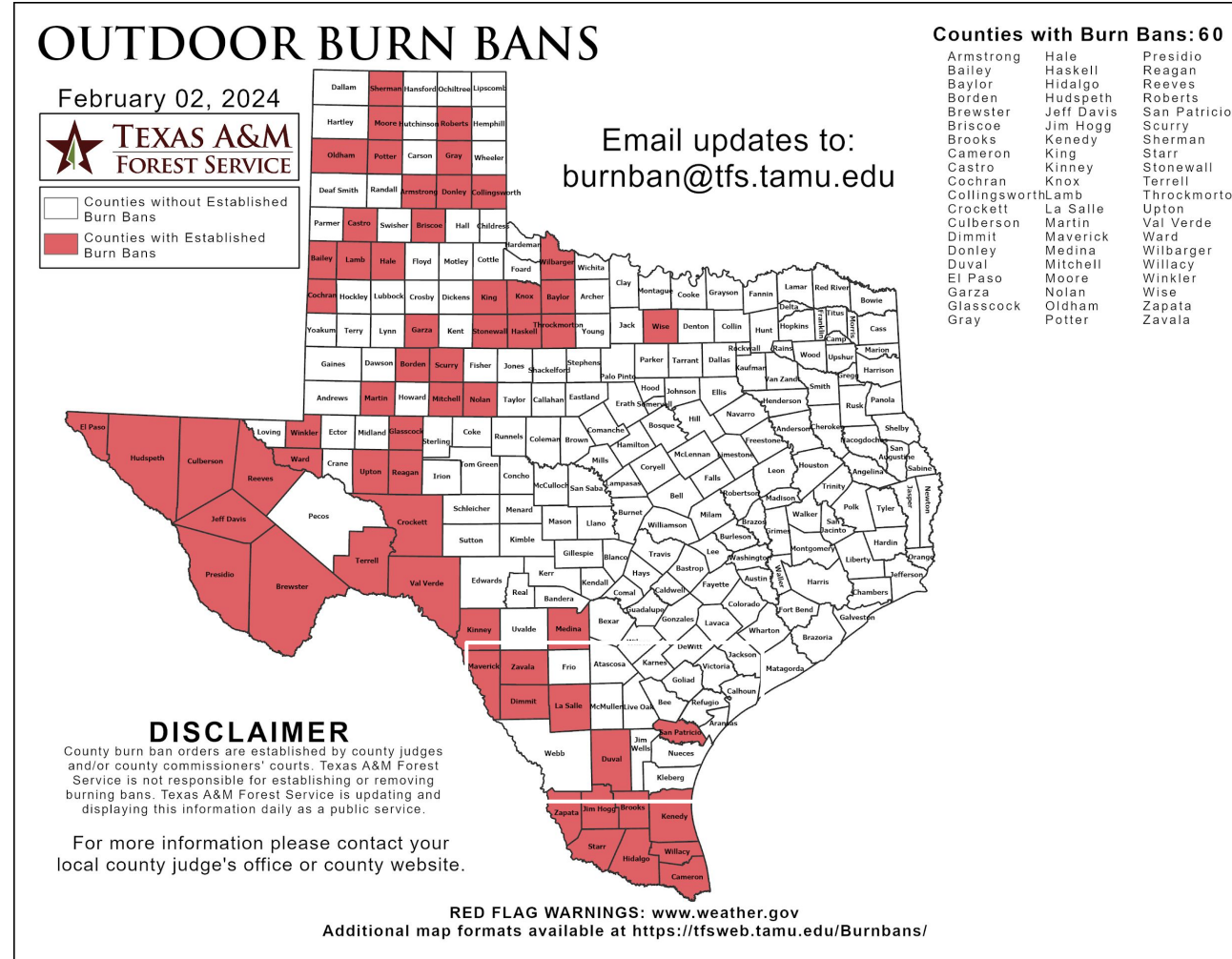
Fire Hazard Impacts

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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 October

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



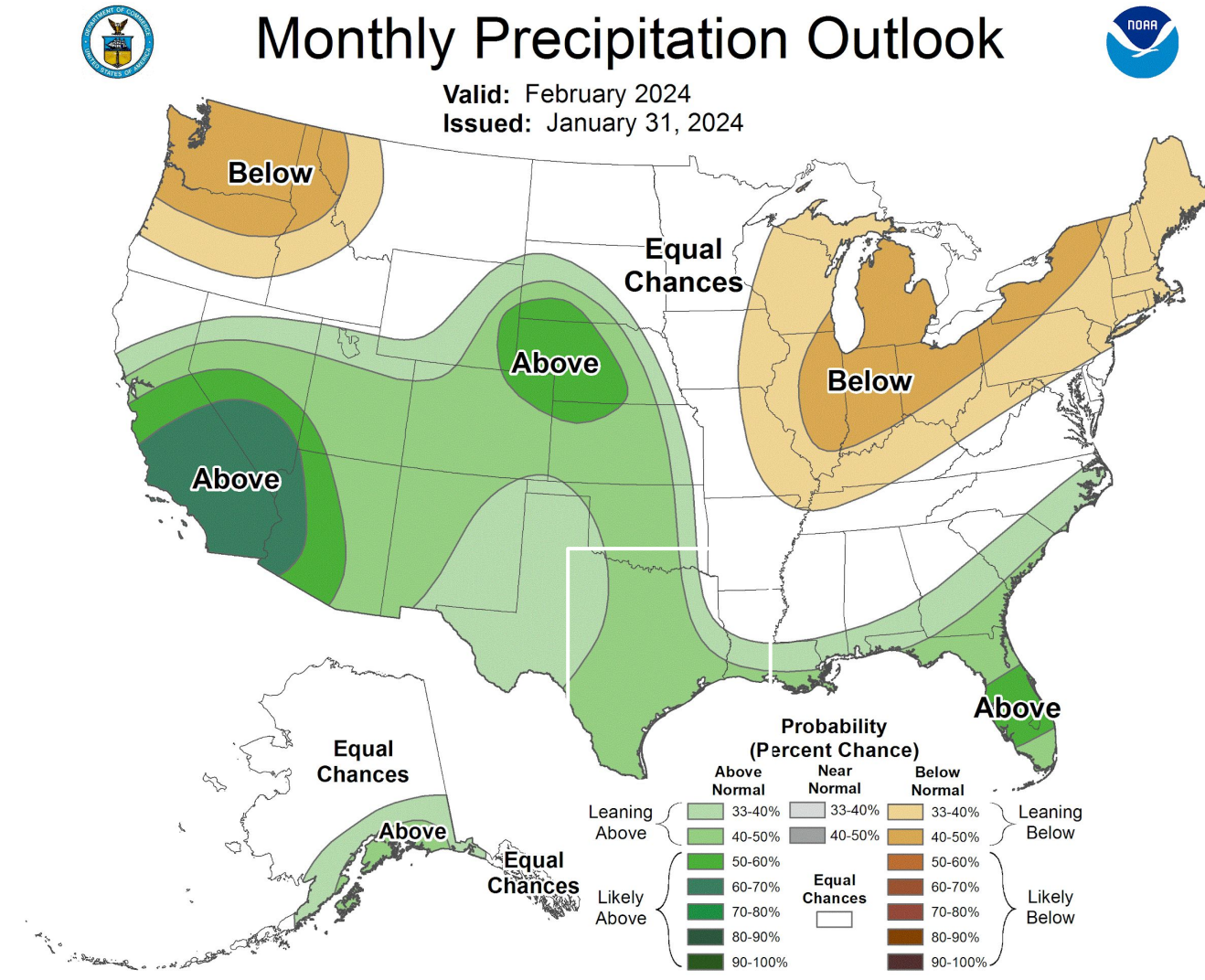
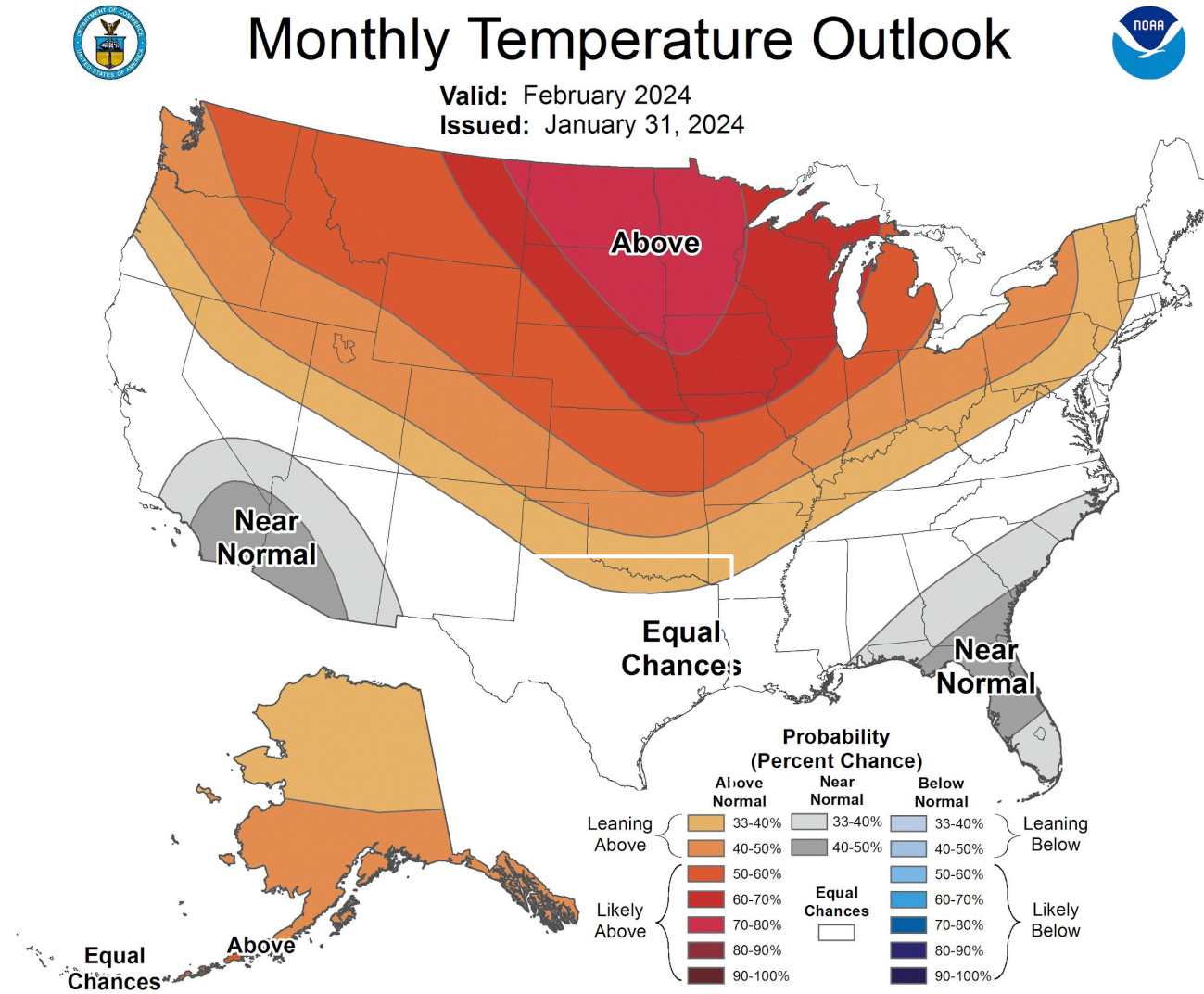


Long-Range Outlooks

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

- Equal chances for above and below normal temperatures.
- Below normal precipitation.





Drought Outlook

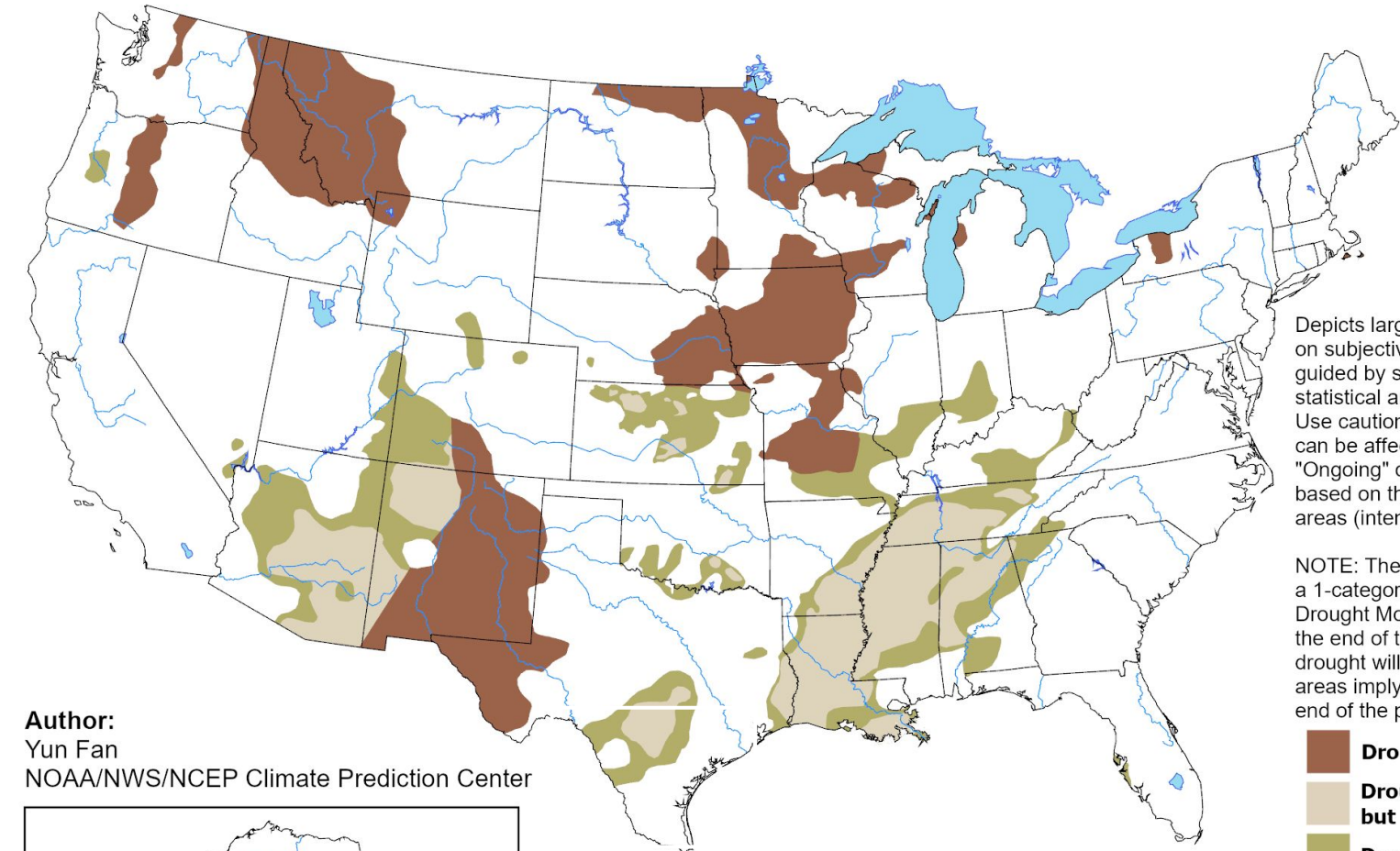
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The latest monthly and seasonal drought outlooks can be found on the [CPC homepage](#)

- Drought removal is possible over the next month across the Brush Country.

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

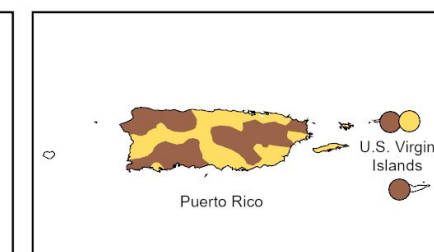
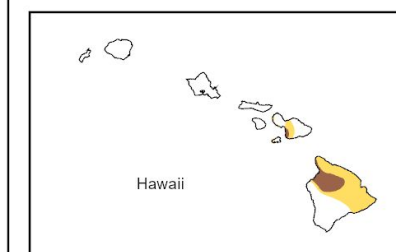
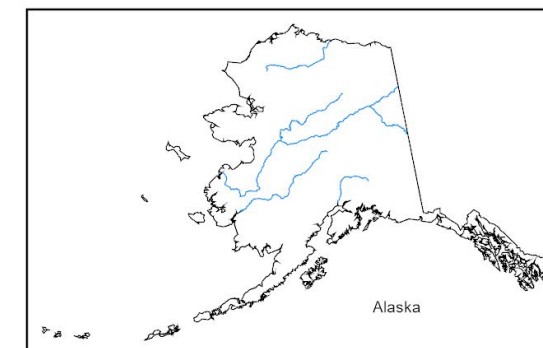
Valid for February 2024
Released January 31, 2024



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



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

