

Spring Weather Outlook

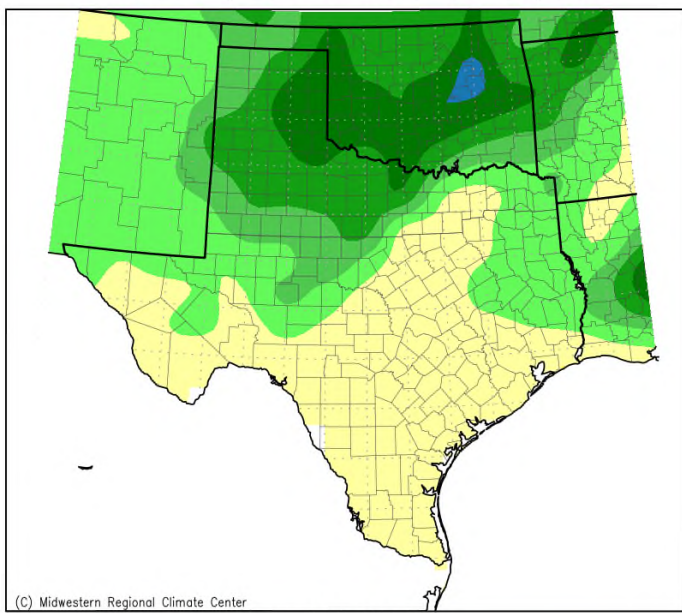
Water Operations Committee Meeting

Feb. 19, 2025



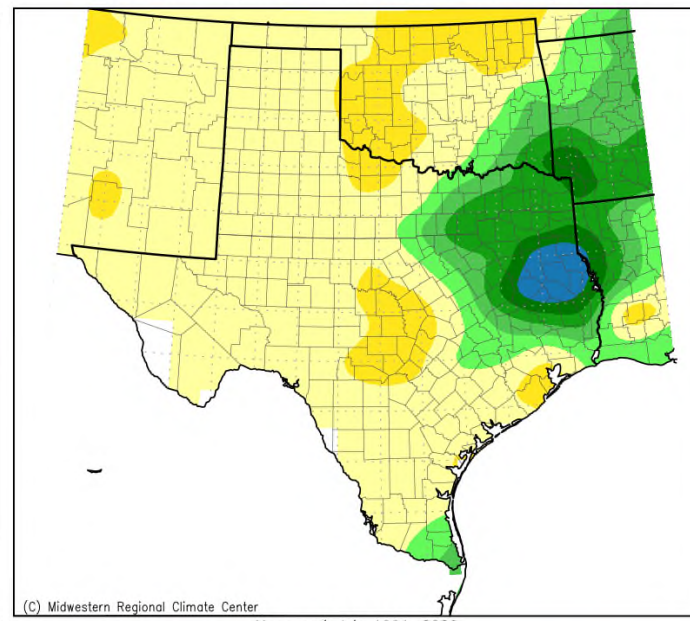
Rainfall Departure From Normal

Accumulated Precipitation (in): Departure from Mean
November 1, 2024 to November 30, 2024



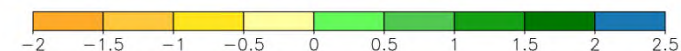
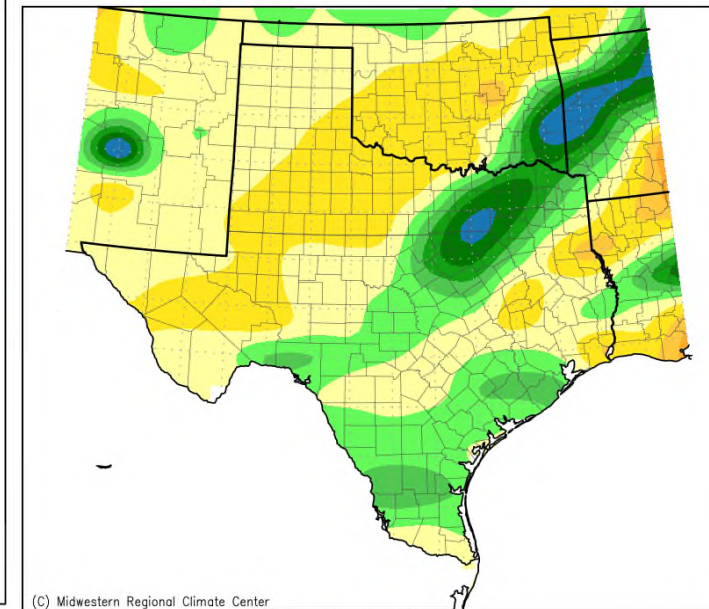
November

Accumulated Precipitation (in): Departure from Mean
December 1, 2024 to December 31, 2024



December

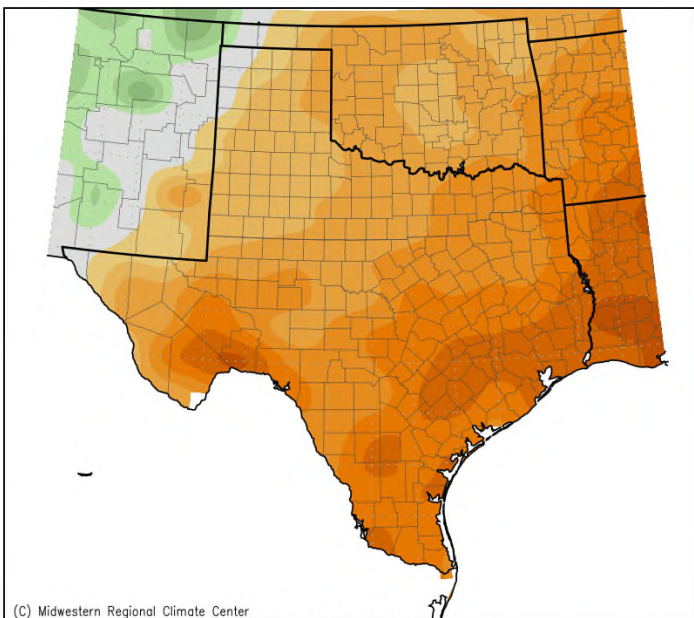
Accumulated Precipitation (in): Departure from Mean
January 1, 2025 to January 31, 2025



January

Temperature Departure From Normal

Average Temperature (°F): Departure from Mean
November 1, 2024 to November 30, 2024

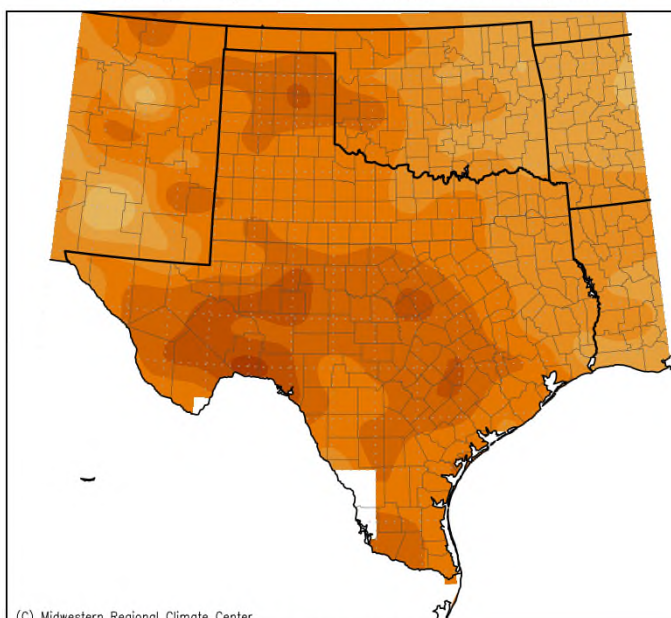


Mean period is 1991-2020.



November

Average Temperature (°F): Departure from Mean
December 1, 2024 to December 31, 2024

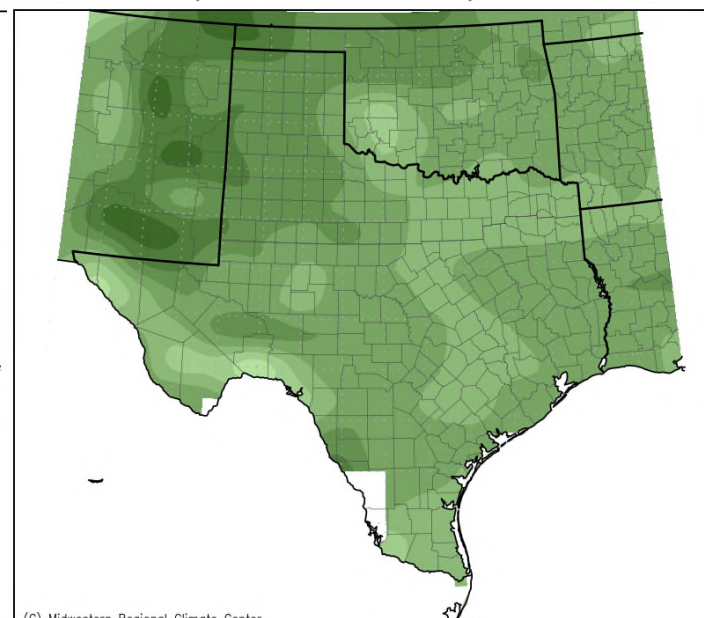


Mean period is 1991-2020.



December

Average Temperature (°F): Departure from Mean
January 1, 2025 to January 31, 2025



Mean period is 1991-2020.



January

U.S. Drought Monitor Texas

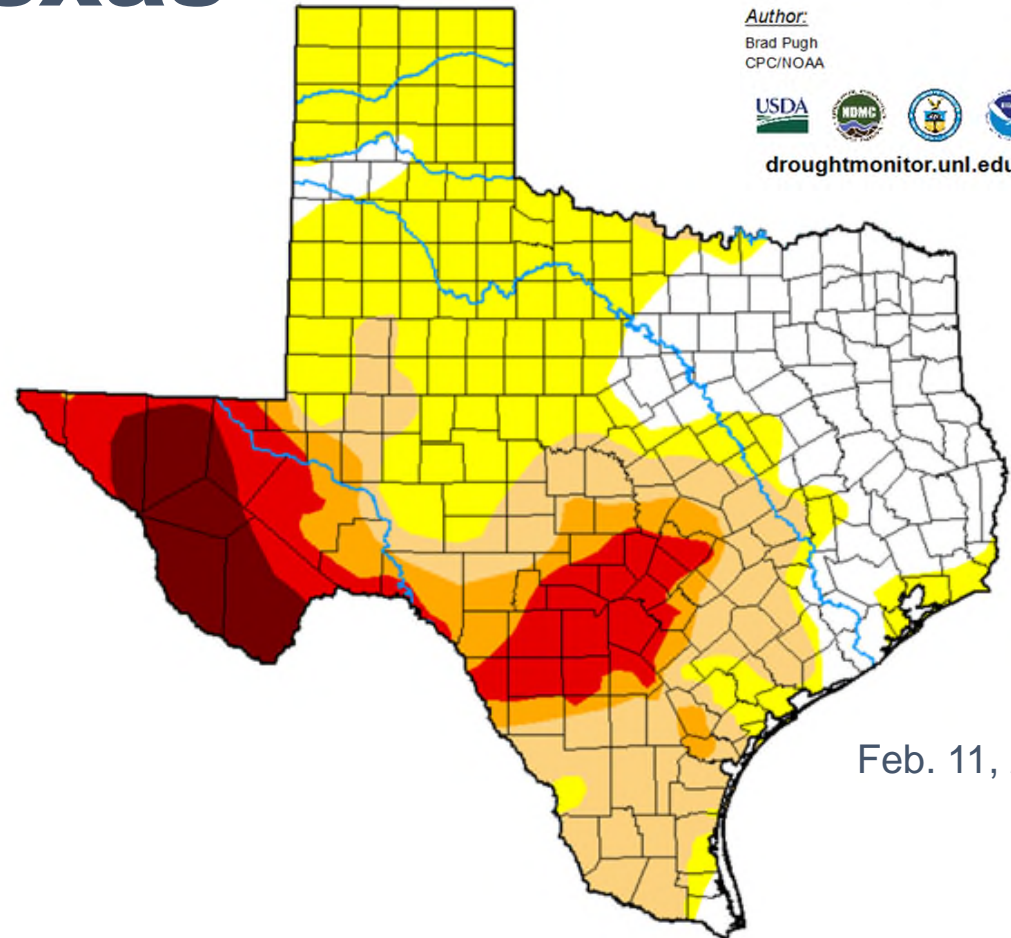
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:








Brad Pugh
CPC/NOAA



droughtmonitor.unl.edu



Intensity:

-  None
-  D0 (Abnormally Dry)
-  D1 (Moderate Drought)
-  D2 (Severe Drought)
-  D3 (Extreme Drought)
-  D4 (Exceptional Drought)
-  No Data

Feb. 11, 2025

U.S. Drought Monitor

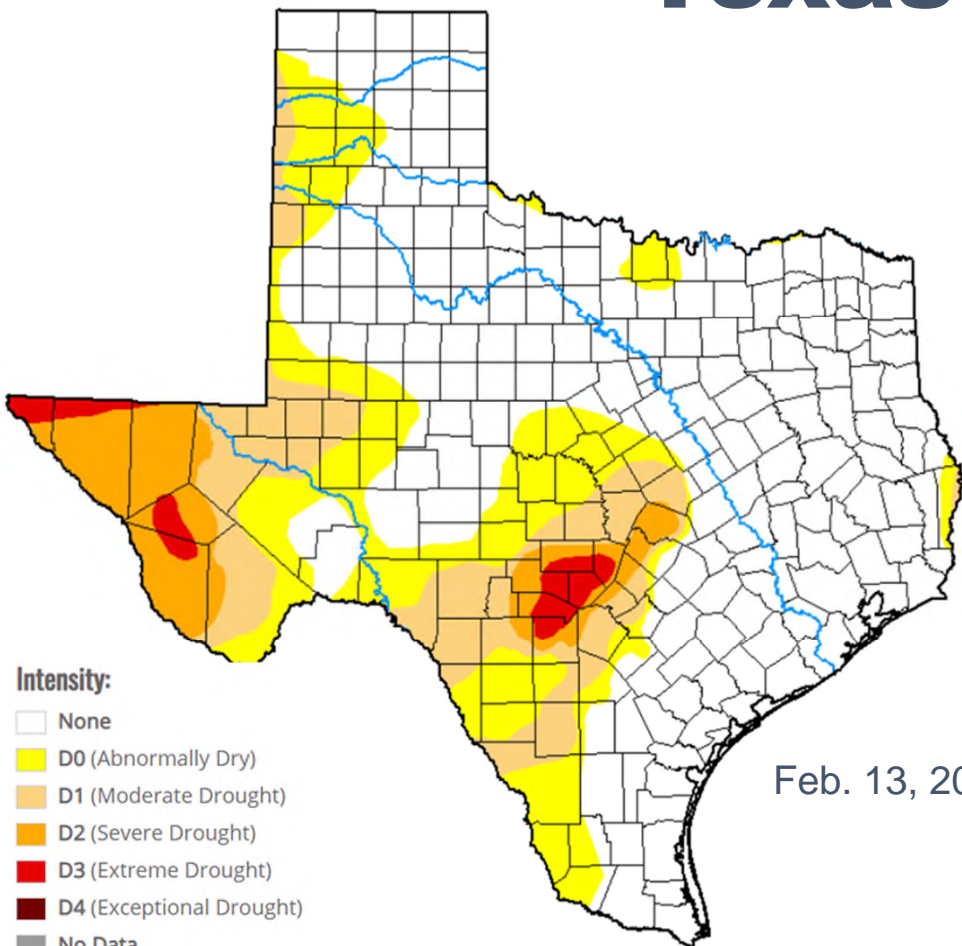
Texas (Continued)

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>

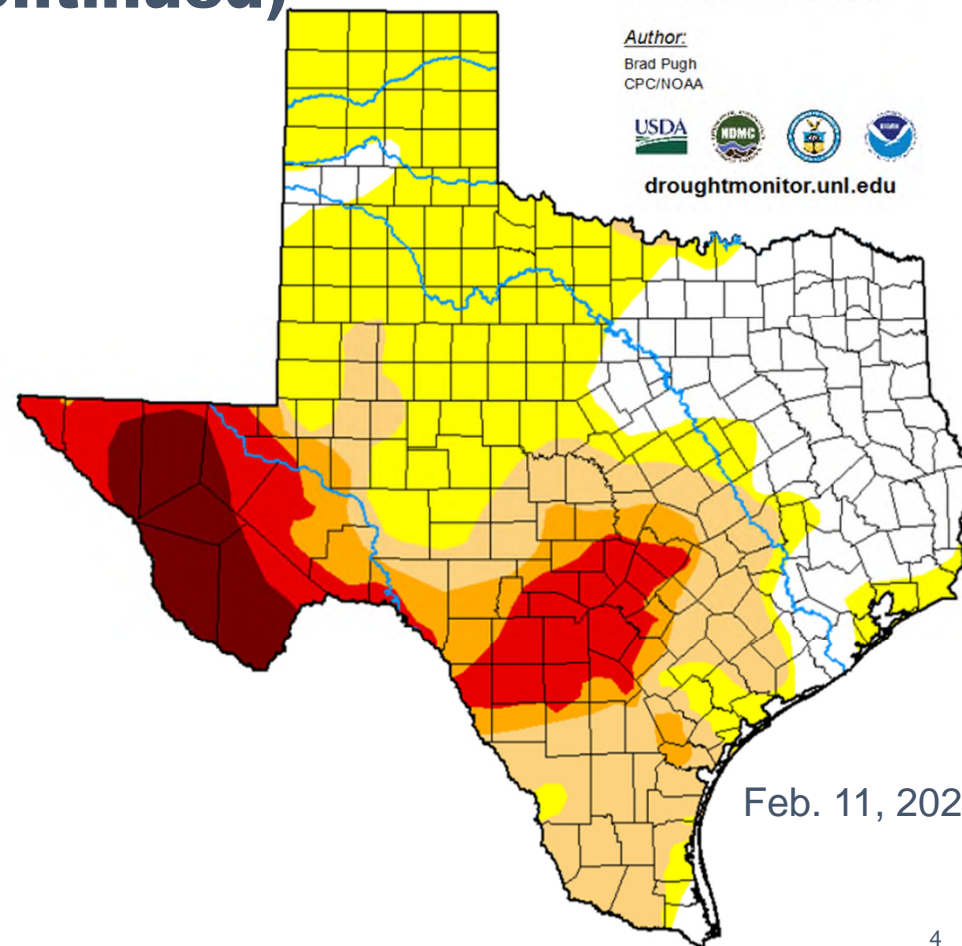
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Feb. 13, 2024



Feb. 11, 2025

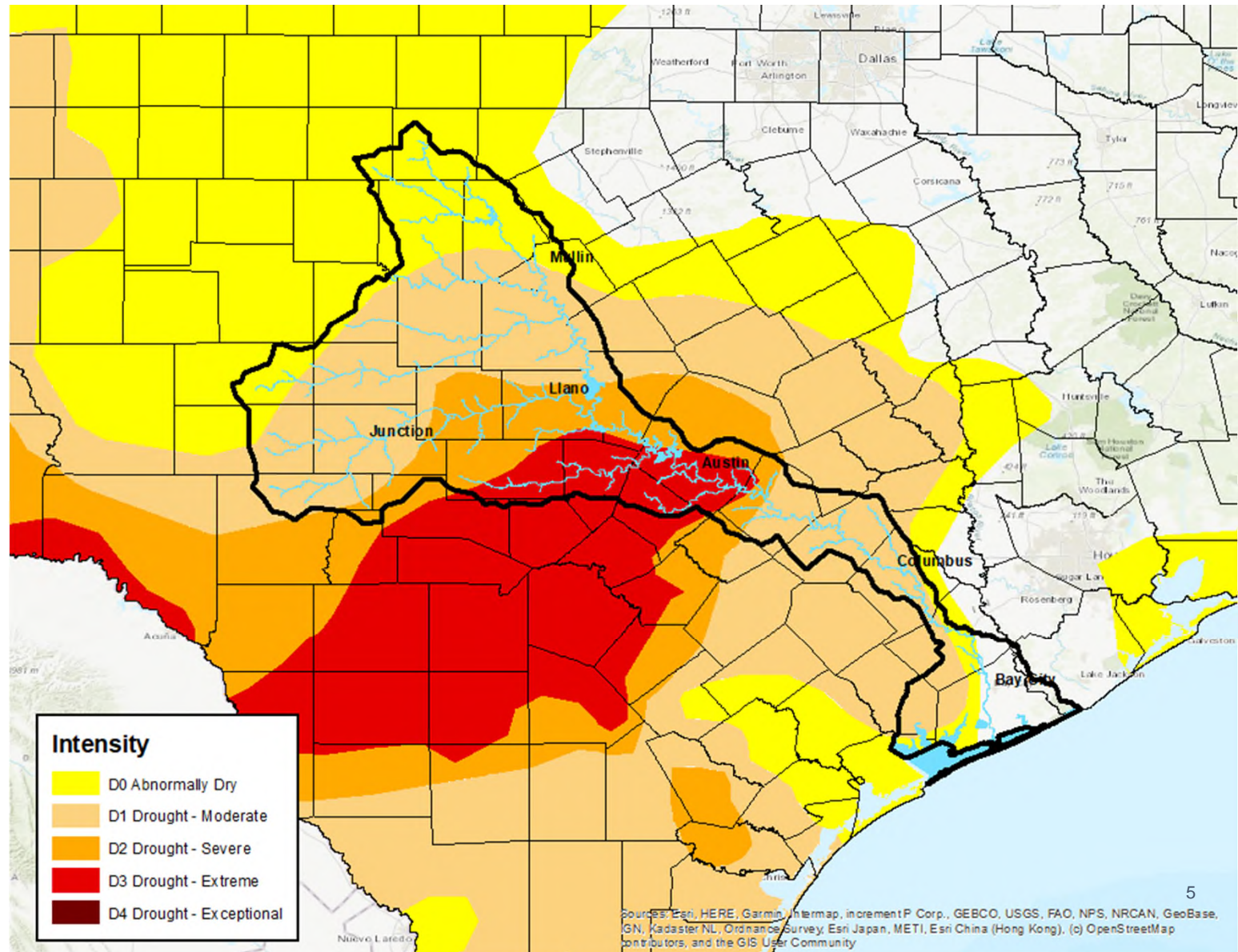
Intensity:

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U.S. Drought Monitor

Lower Colorado River Basin

As of Feb. 11, 2025

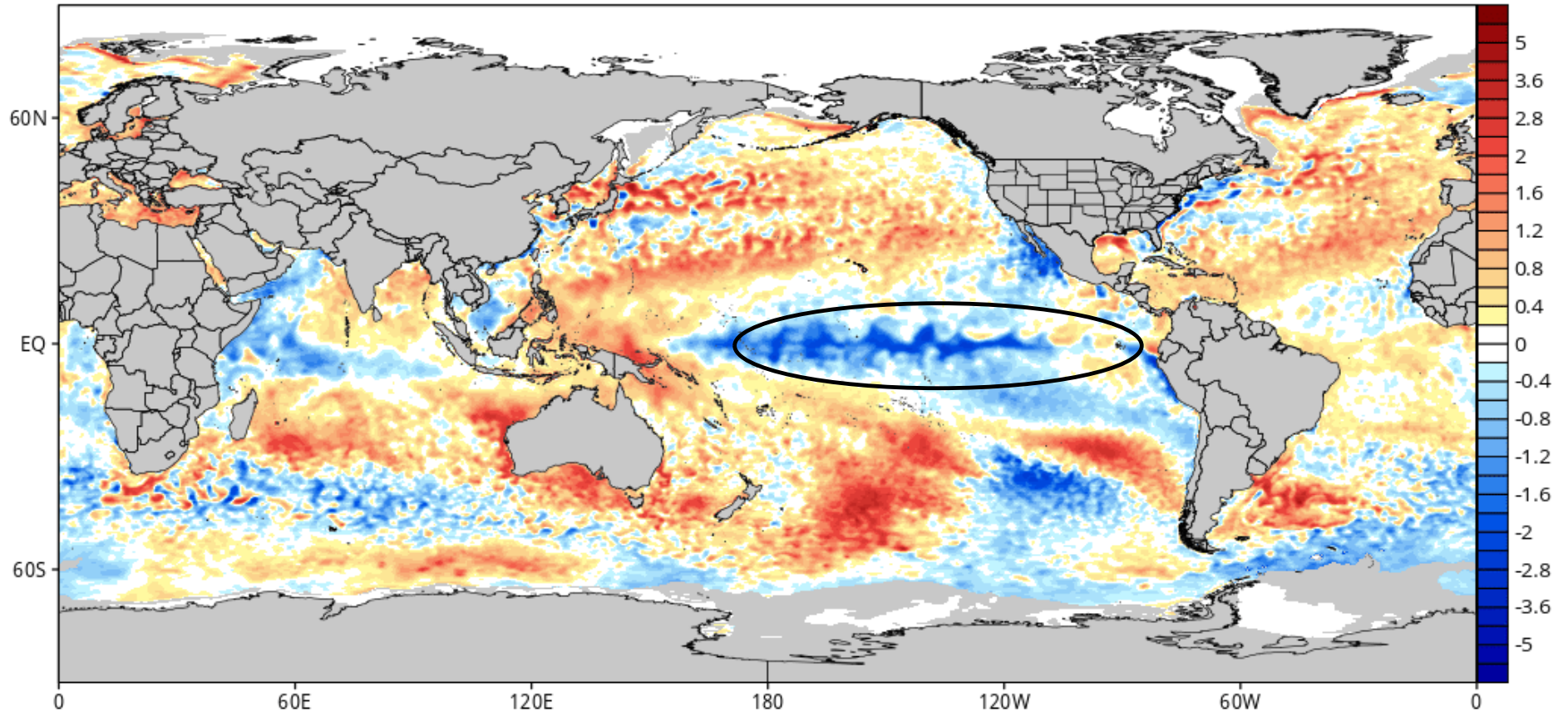


February 2025: Weak La Niña in Place

CDAS Sea Surface Temperature Anomaly (°C) (based on CFSR 1981-2010 Climatology)

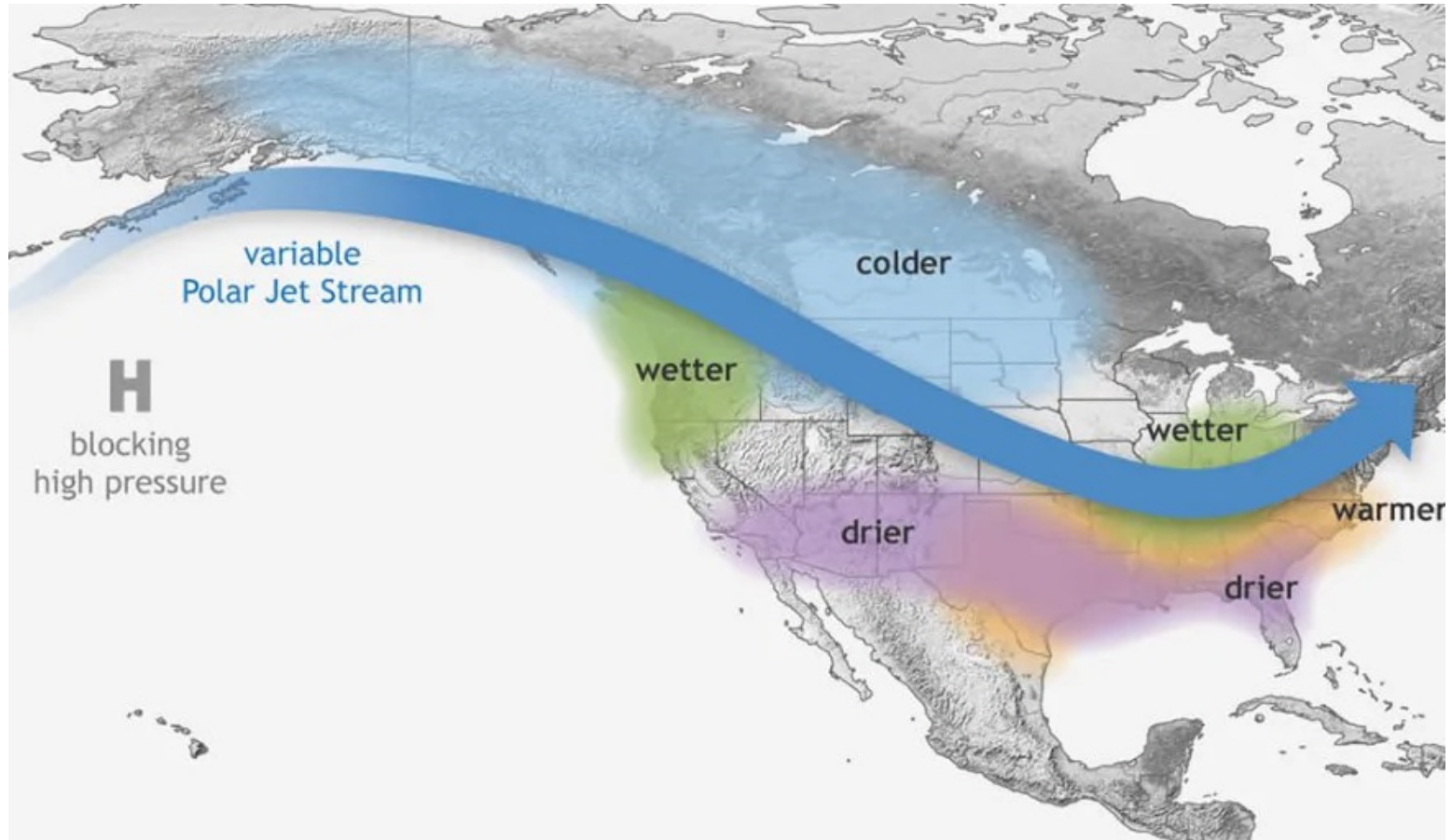
Analysis Time: 12z Feb 04 2025

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CDAS: Climate Data Assimilation System; CFSR: Climate Forecast System Reanalysis

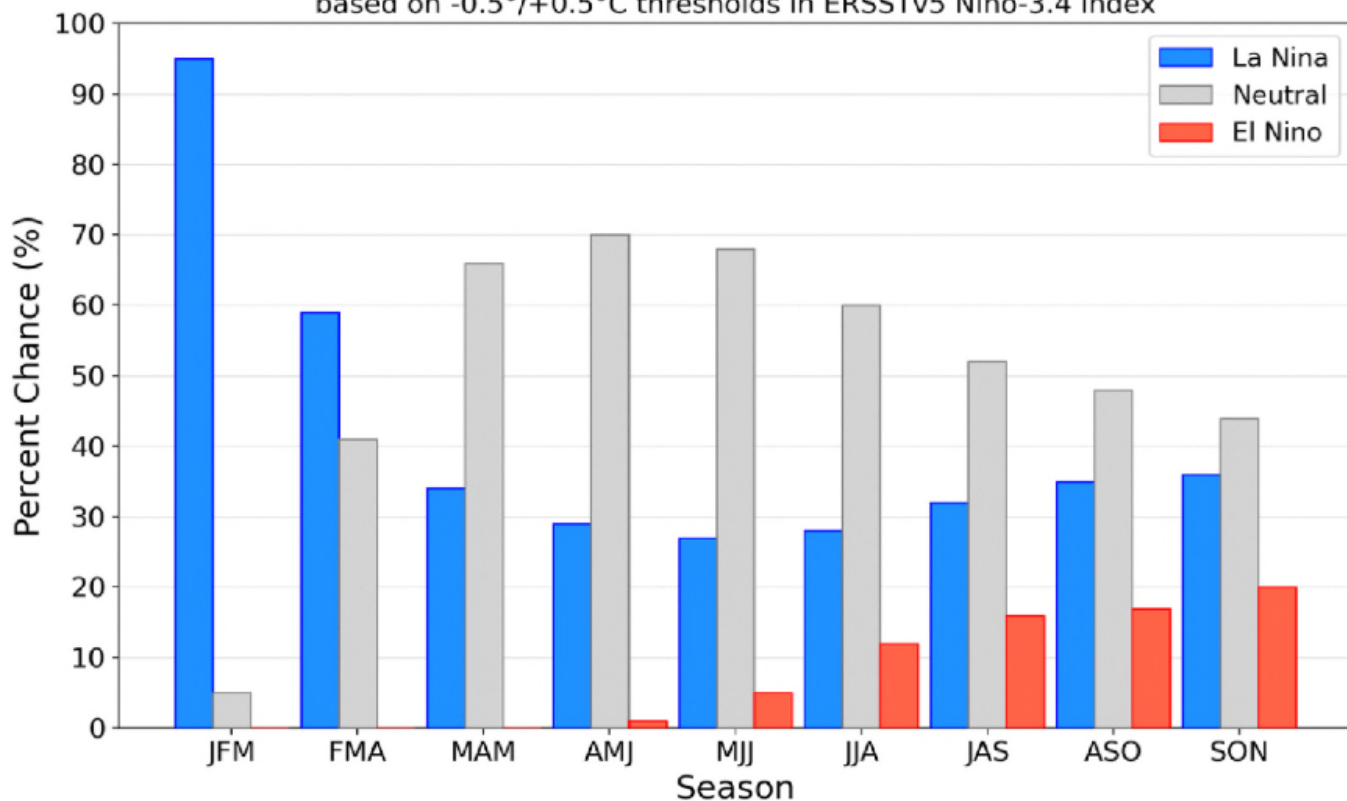
Typical La Niña Impacts



Weak La Niña is Forecast Into March

Official NOAA CPC ENSO Probabilities (issued February 2025)

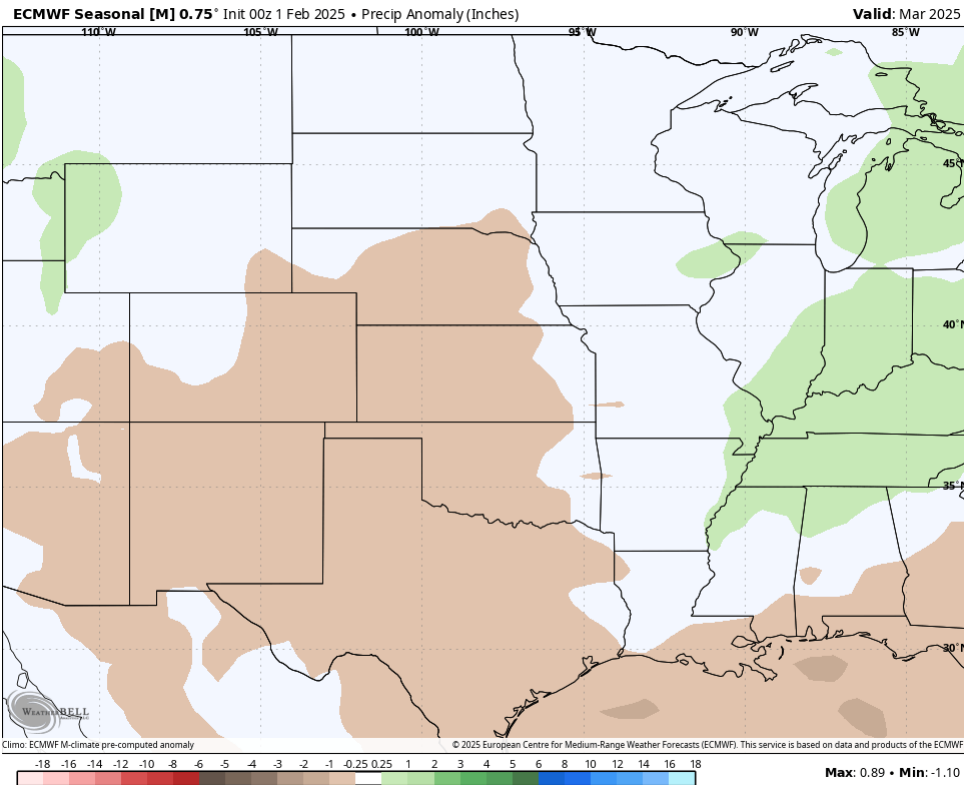
based on $-0.5^{\circ}/+0.5^{\circ}\text{C}$ thresholds in ERSSTv5 Niño-3.4 index



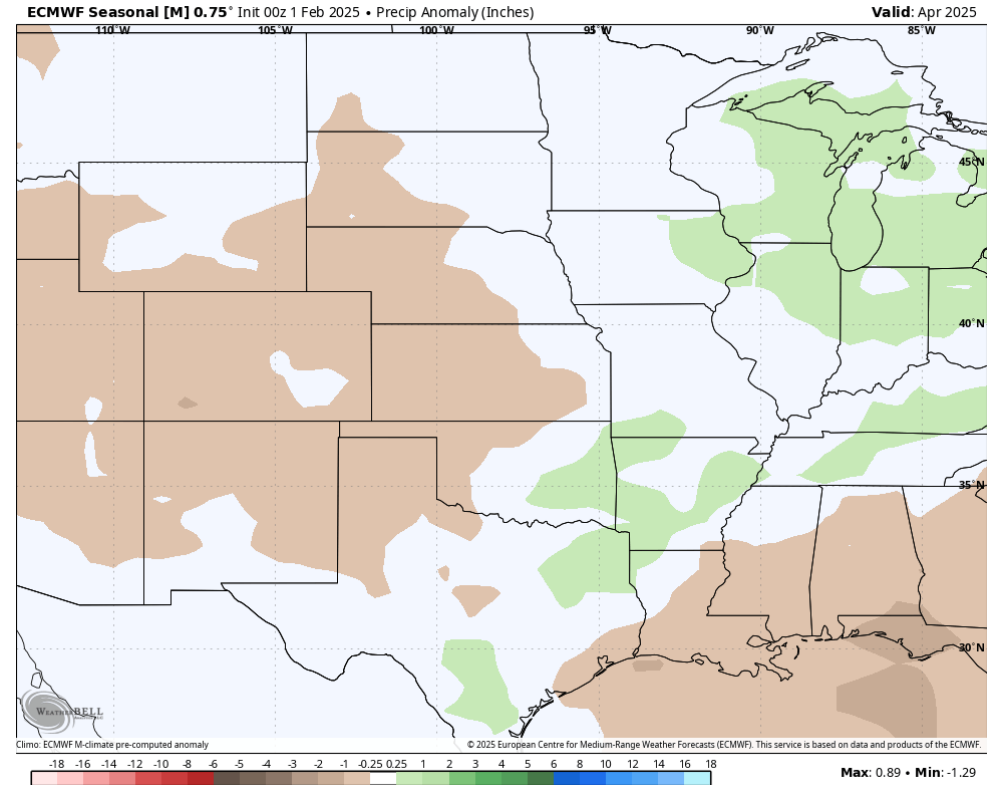
JFM: January, February, March
FMA: February, March, April
MAM: March, April, May
AMJ: April, May, June
MJJ: May, June, July
JJA: June, July, August
JAS: July, August, September
ASO: August, September, October
SON: September, October, November

NOAA CPC: National Oceanic and Atmospheric Administration Climate Prediction Center; ENSO: El Niño-Southern Oscillation
ERSSTv5: Extended Reconstructed Sea Surface Temperature Version 5

European Forecast Model: Rainfall Departure From Normal

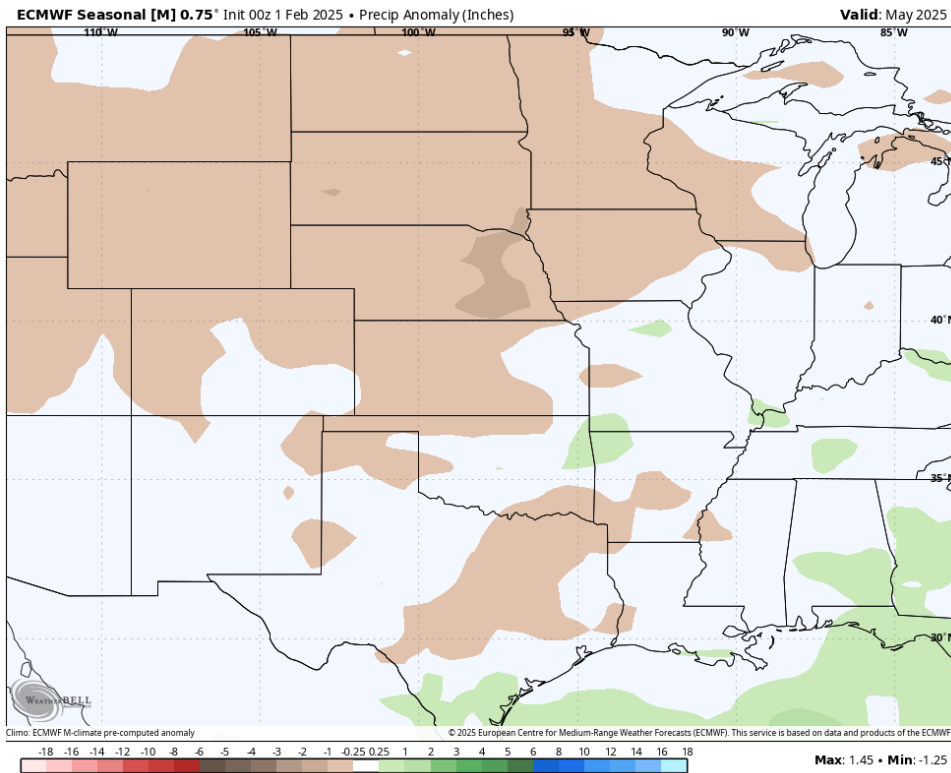


March

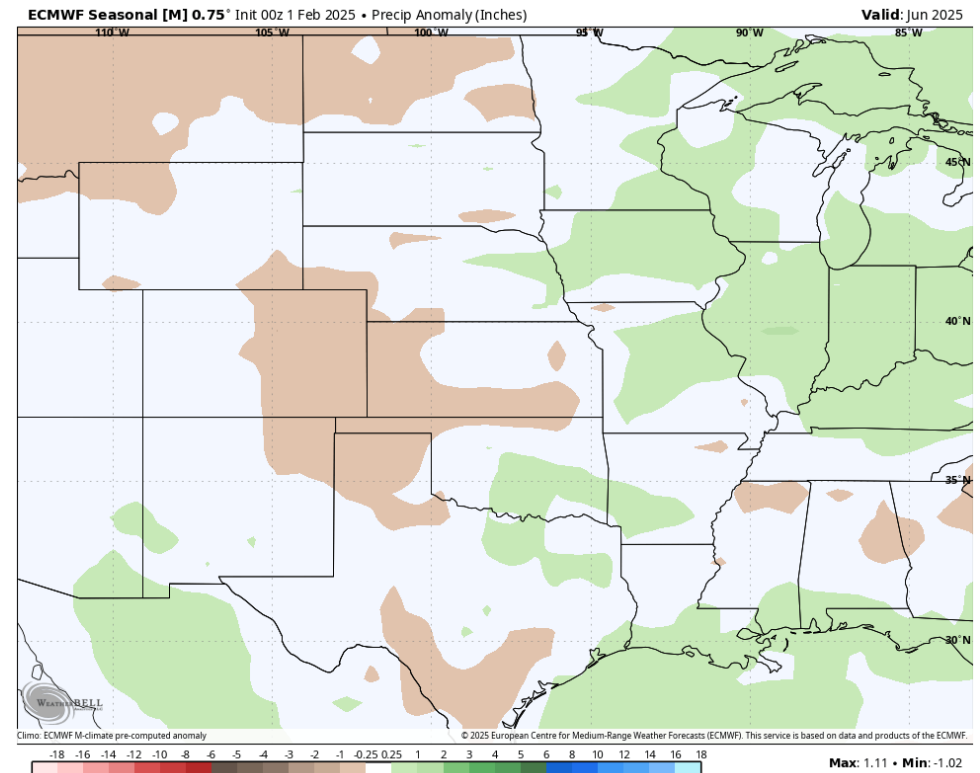


April

European Forecast Model: Rainfall Departure From Normal (Continued)

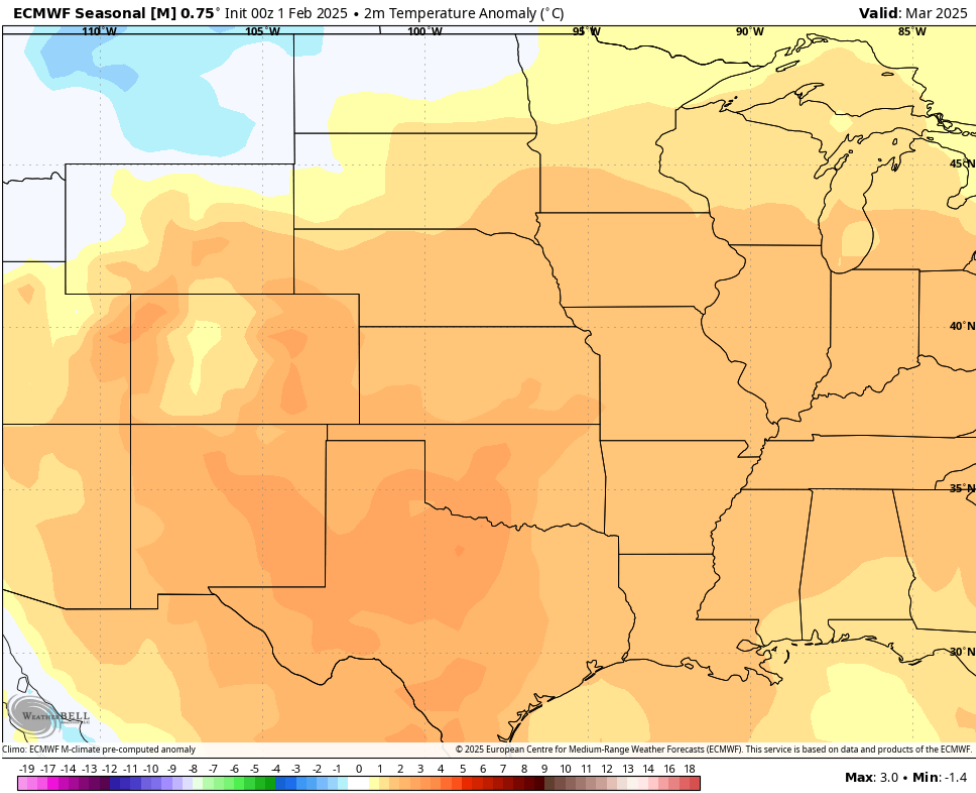


May

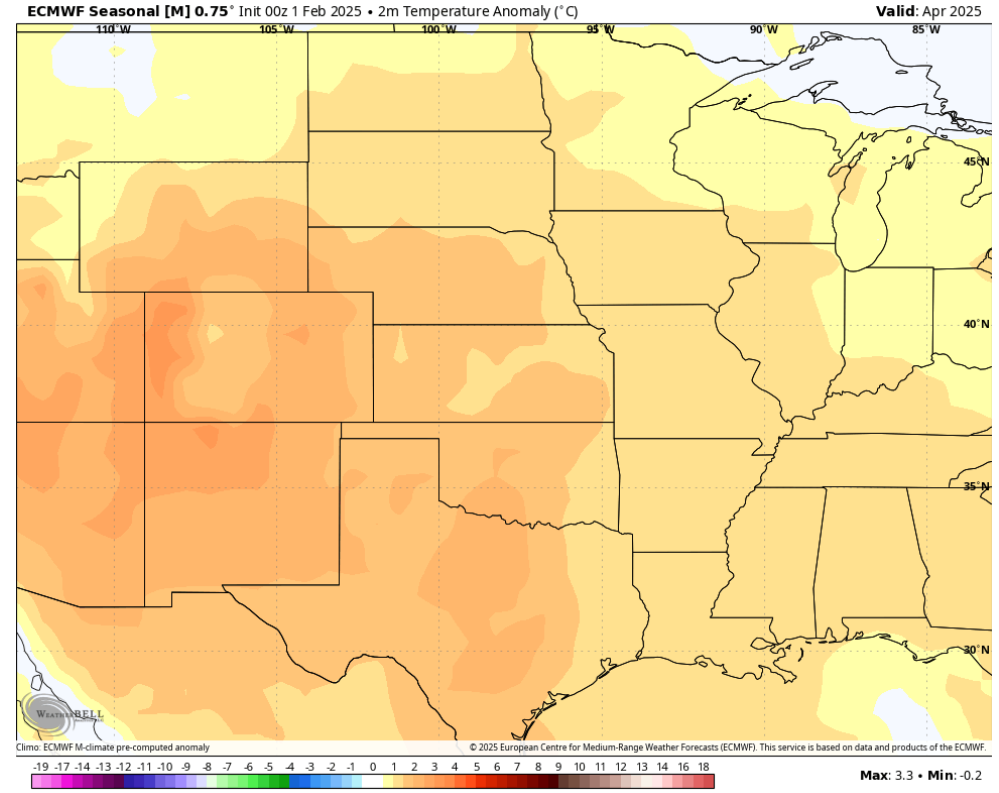


June

European Forecast Model: Temperature Departure From Normal

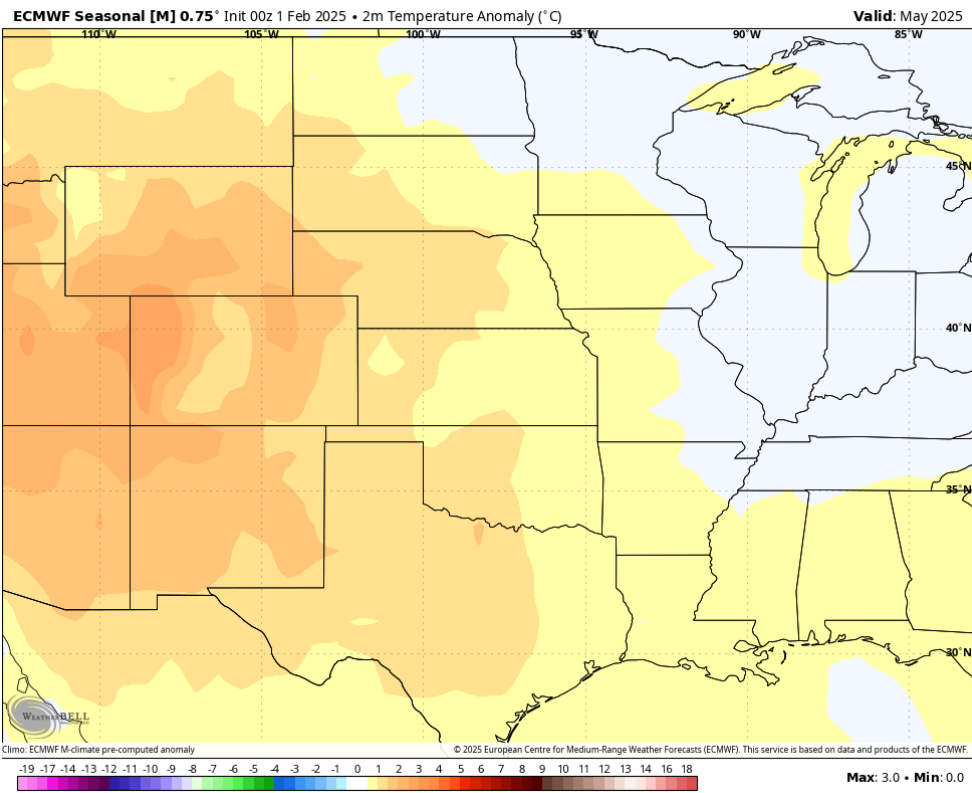


March

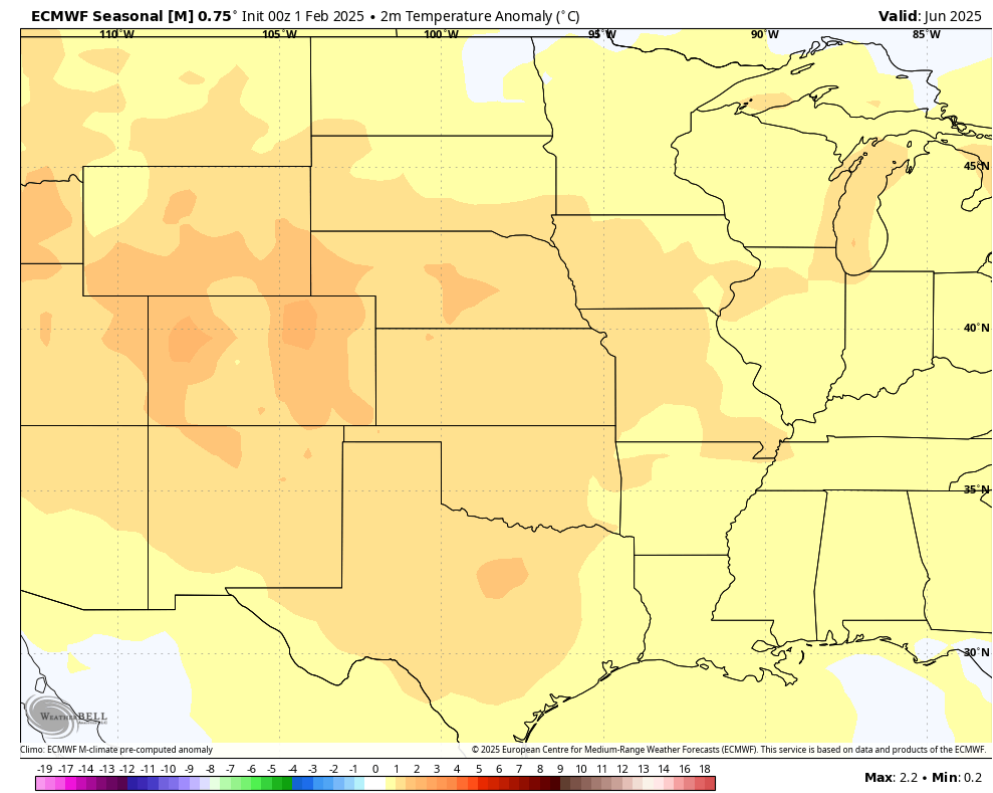


April

European Forecast Model: Temperature Departure From Normal (Continued)



May



June

Spring Weather Outlook

- **Below-normal rainfall is forecast through March**
- **Drought conditions are expected to worsen as spring begins**
- **There currently are no signals for heavy rain this spring**
- **A trend toward near-normal rainfall is forecast April into June as the weak La Niña fades**
- **A neutral Pacific Ocean is forecast late spring through summer**
- **Temperatures are forecast to be warmer than normal**



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