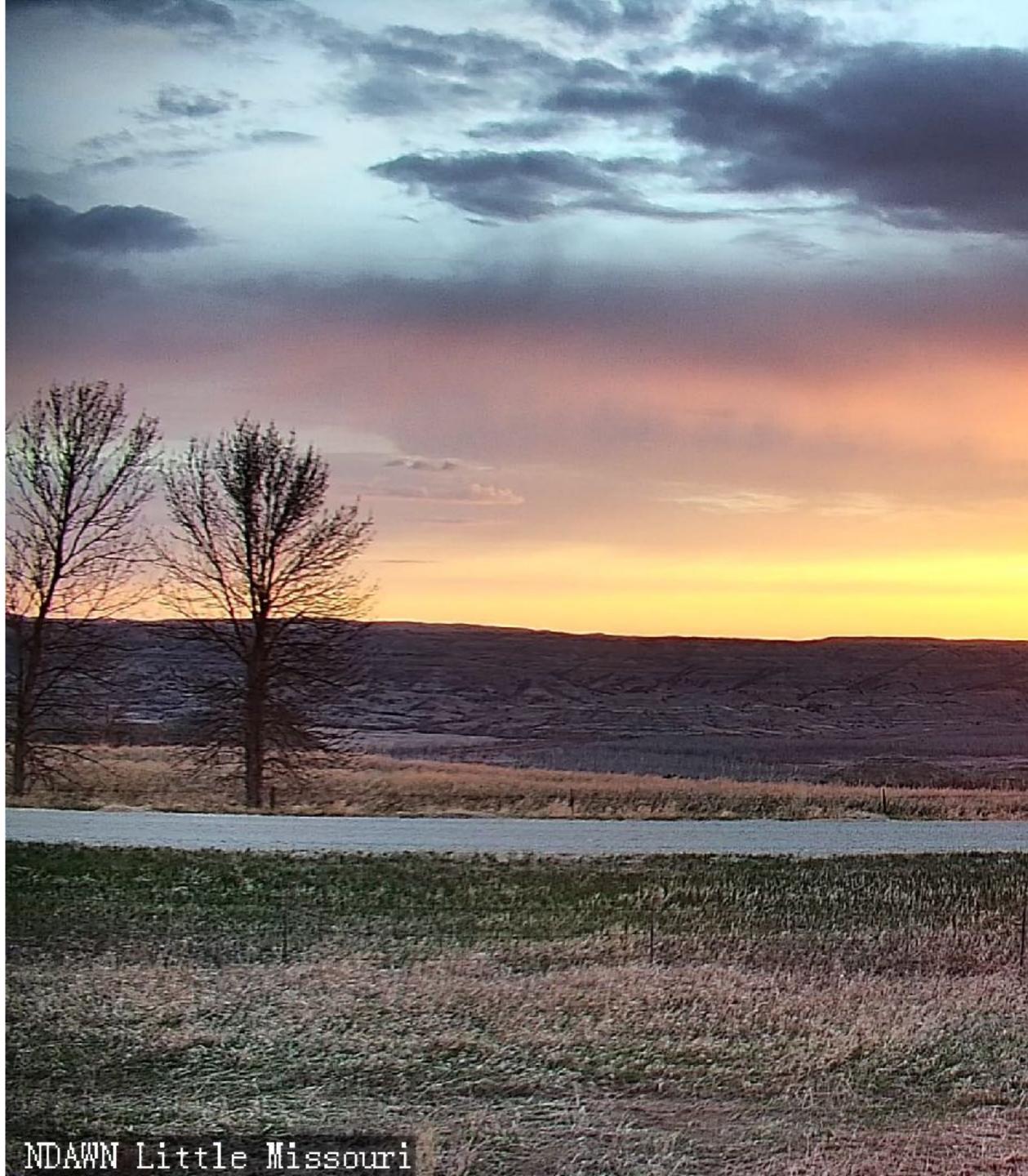
North Dakota Bi-Weekly Drought Update

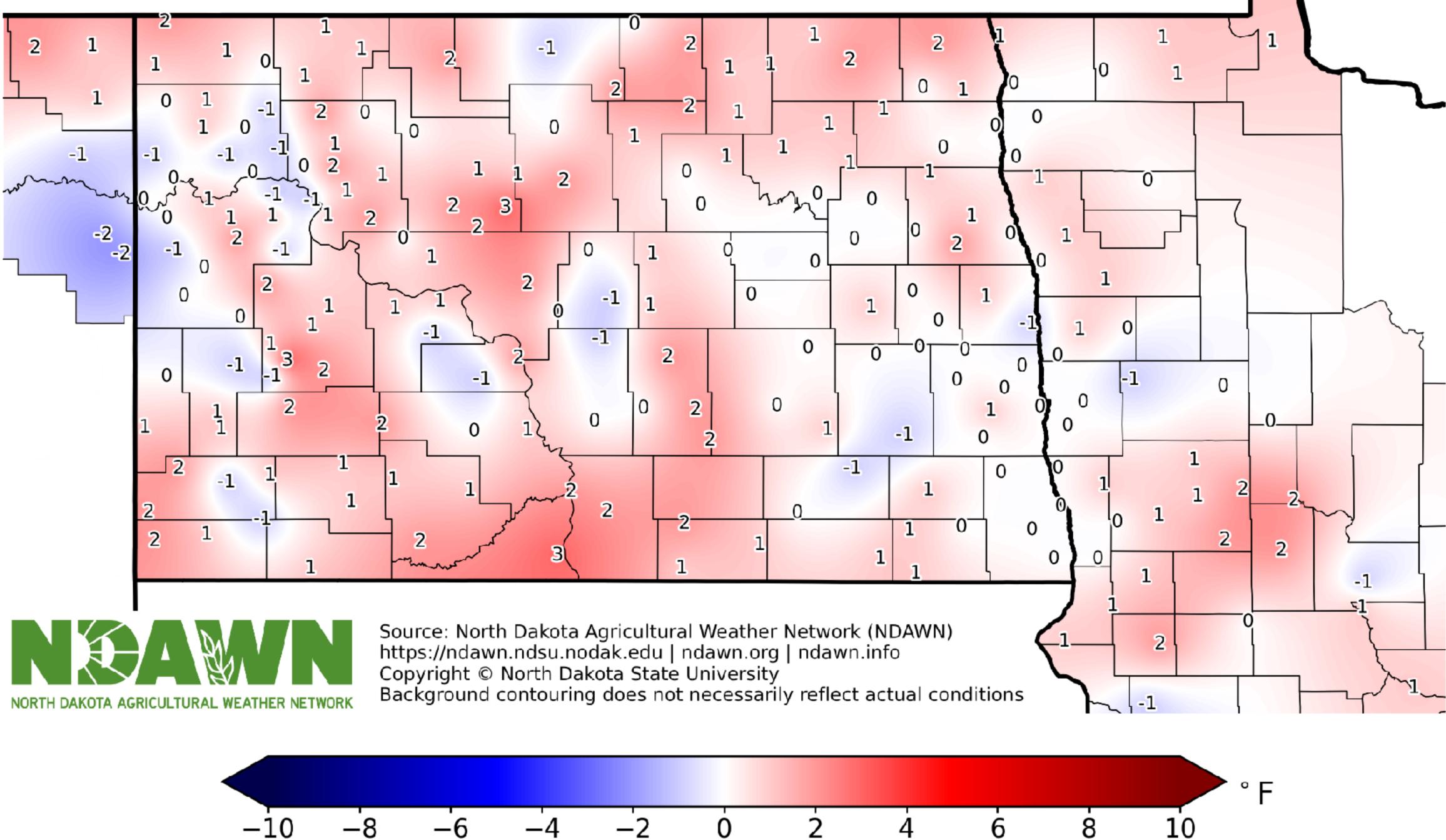
Daryl Ritchison, May 1, 2025



05/01/2025 06:36:02 AM



Departure from Normal Average Air Temperature (°F)

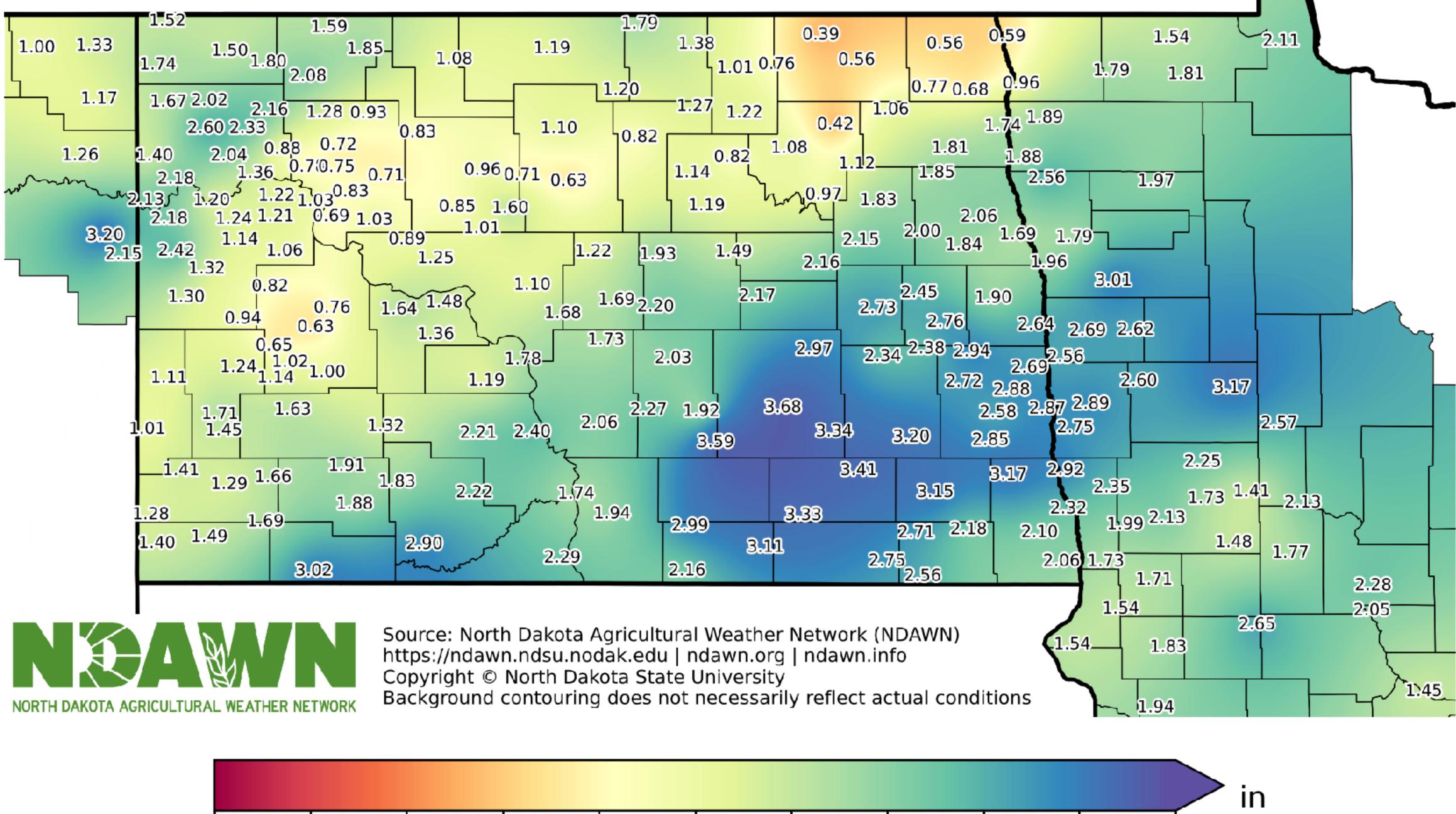




04-01-2025 - 04-30-2025



Total Precipitation (in)





0.75

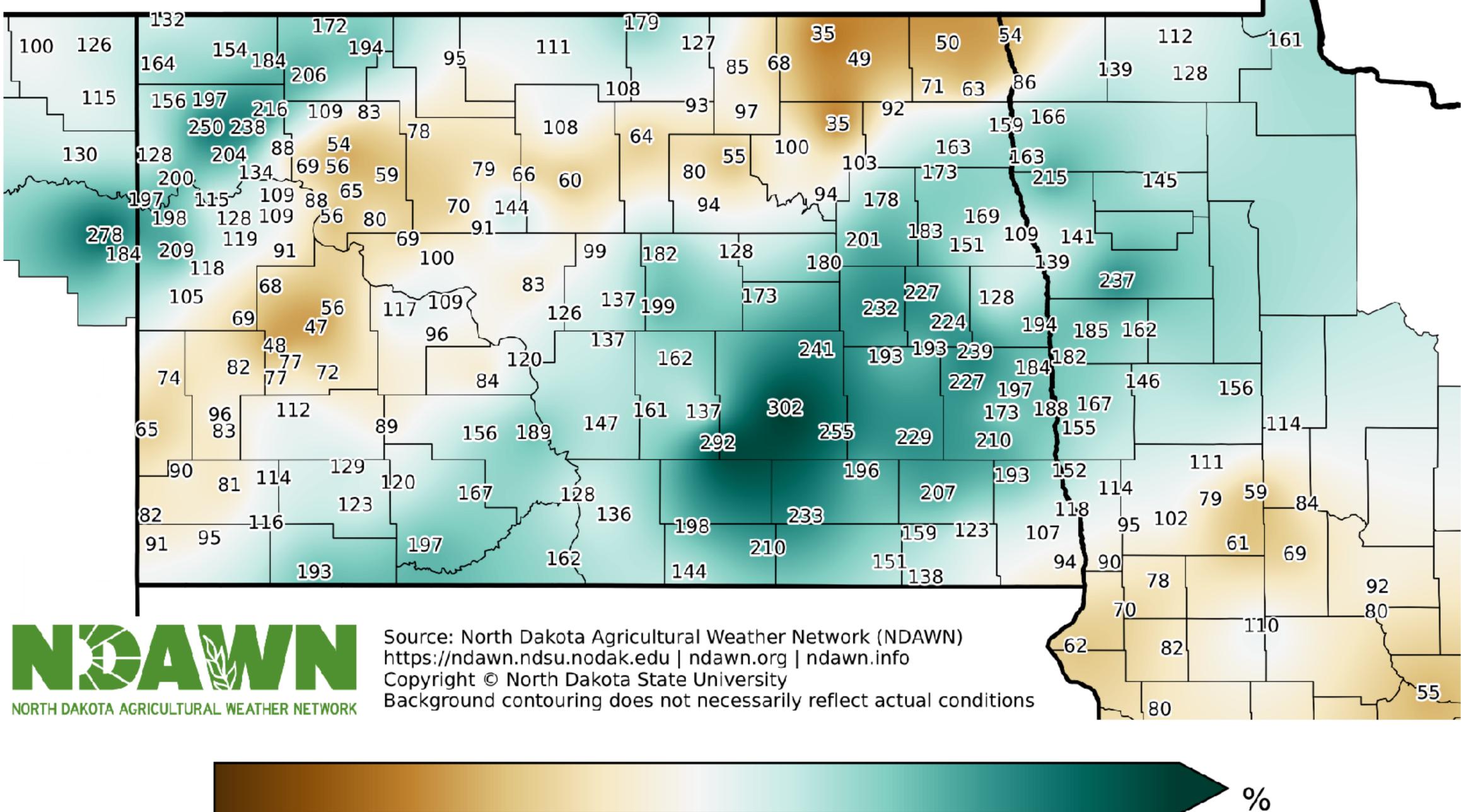
0.25 0.50 0.10 0.00

04-01-2025 - 04-30-2025

1.00 1.50 2.50 2.00 3.00 4.00



Percent of Normal Precipitation (%)

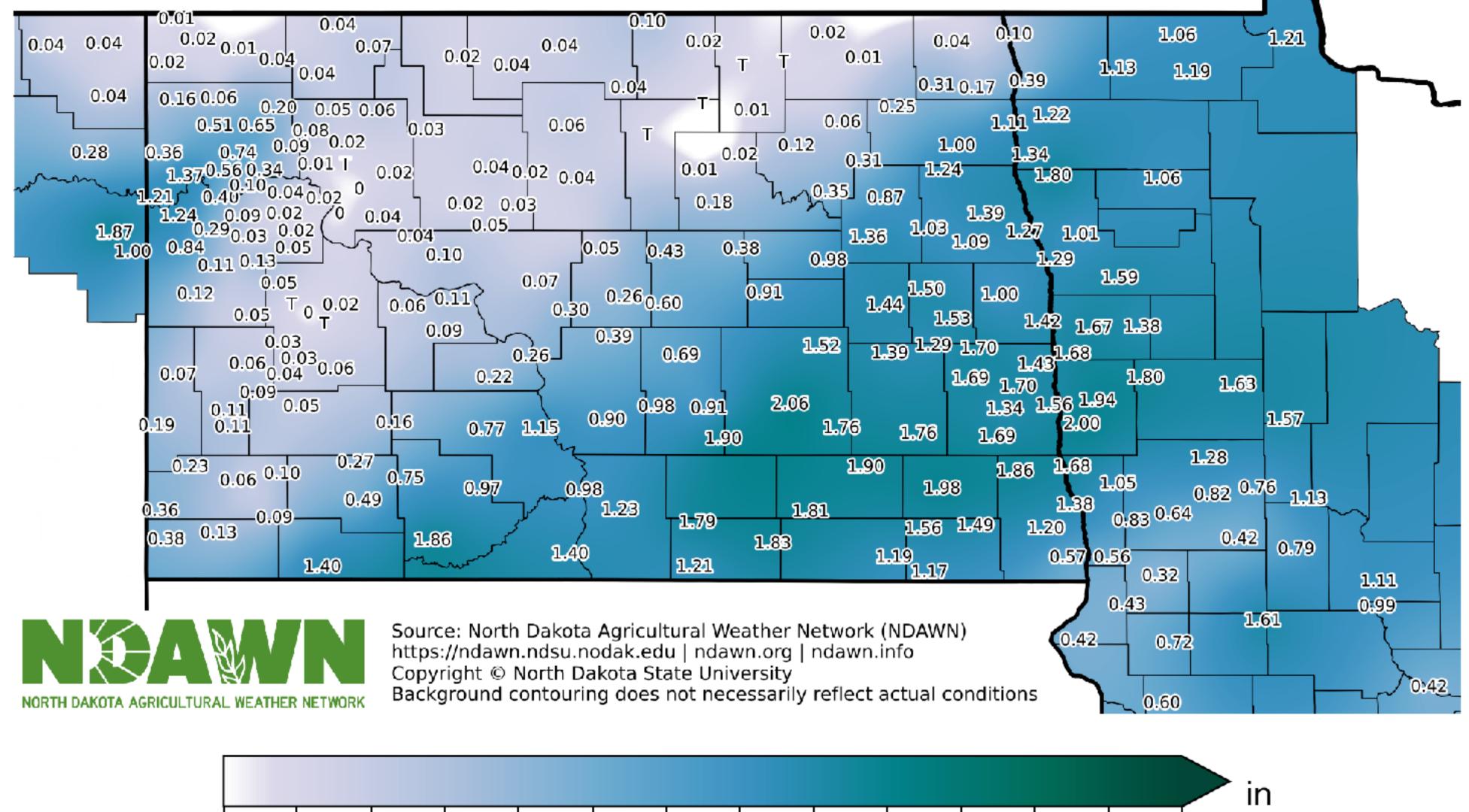




04-01-2025 - 04-30-2025



Total Rainfall Past 7 Days (in)



0.00 0.01 0.05 0.10 0.25 0.50 0.75 1.00 1.50 2.00 2.50 3.00 4.00 5.00

Past 7 Days Precipitation

May 01 2025 07:29 AM

NDAWN Sunny Slope

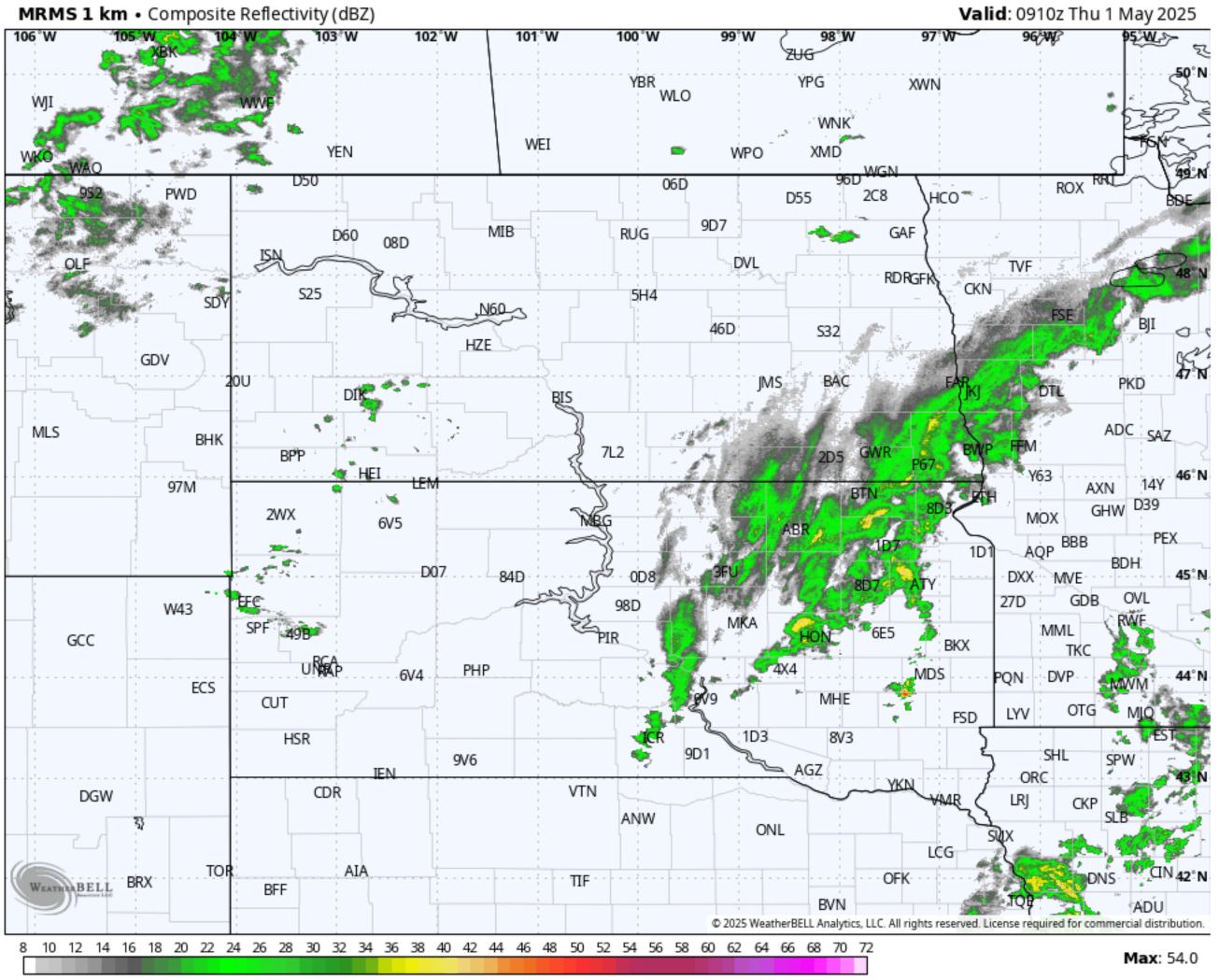
04/29/2025 09:15:57 AM



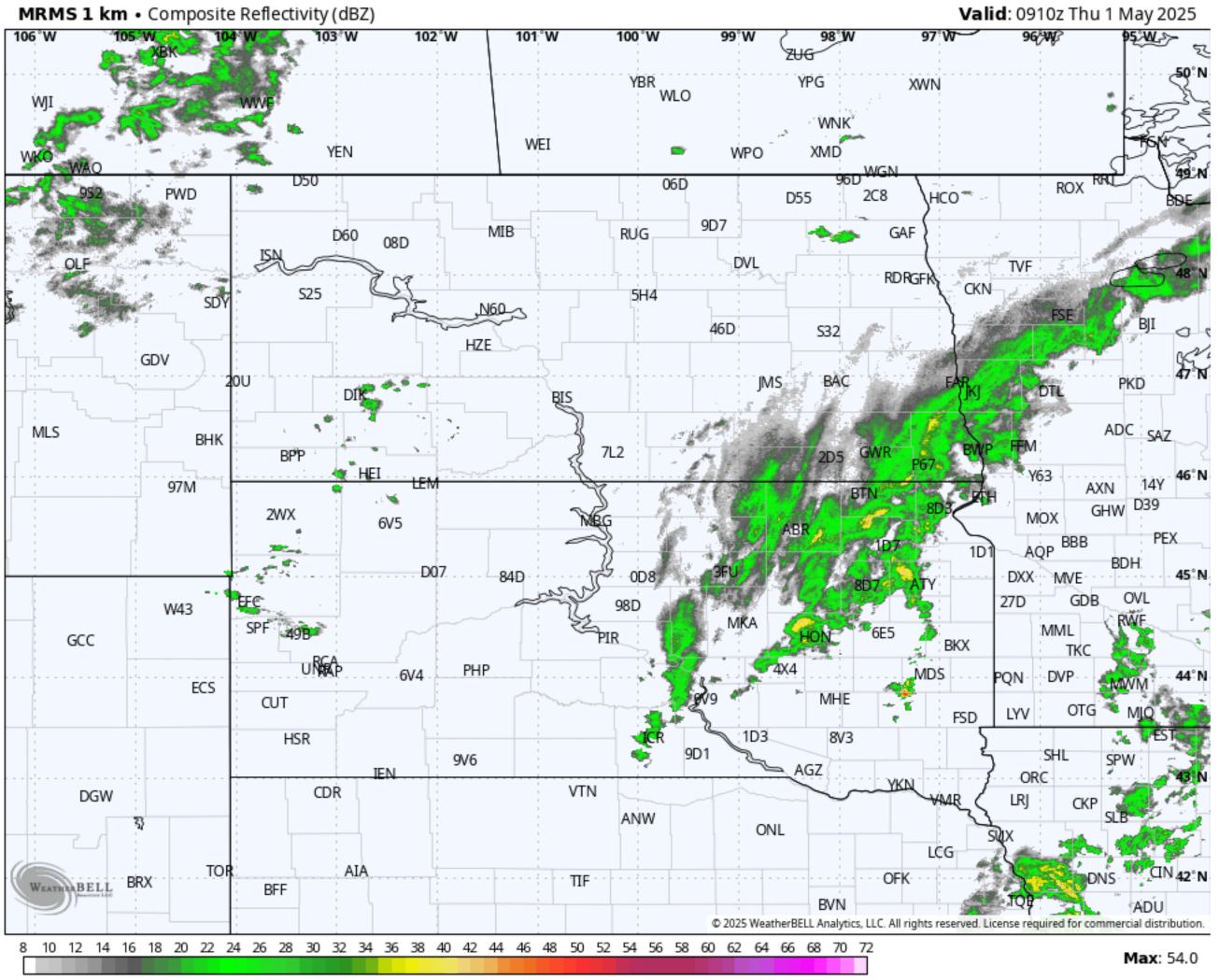
NDAWN Sunny Slope

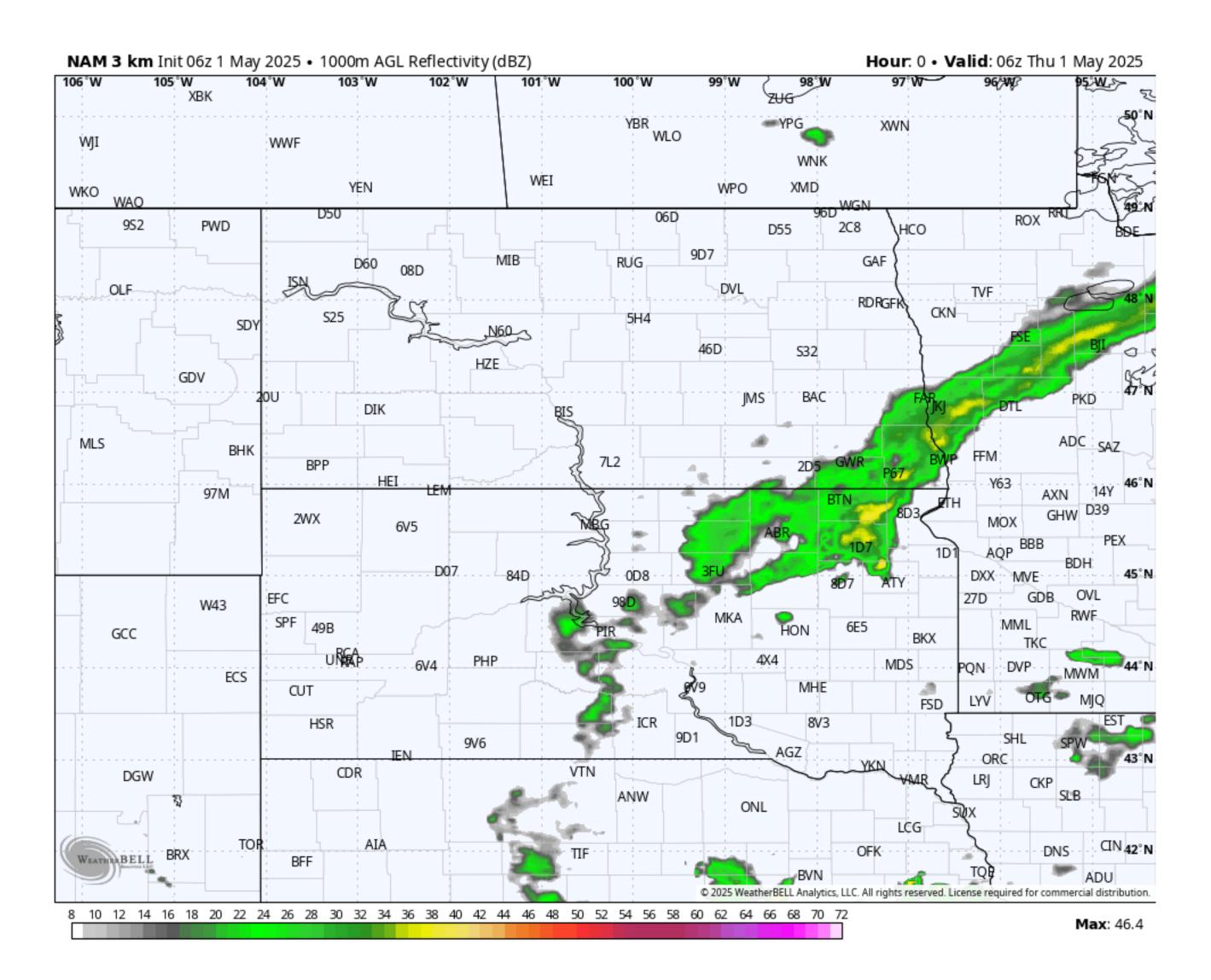


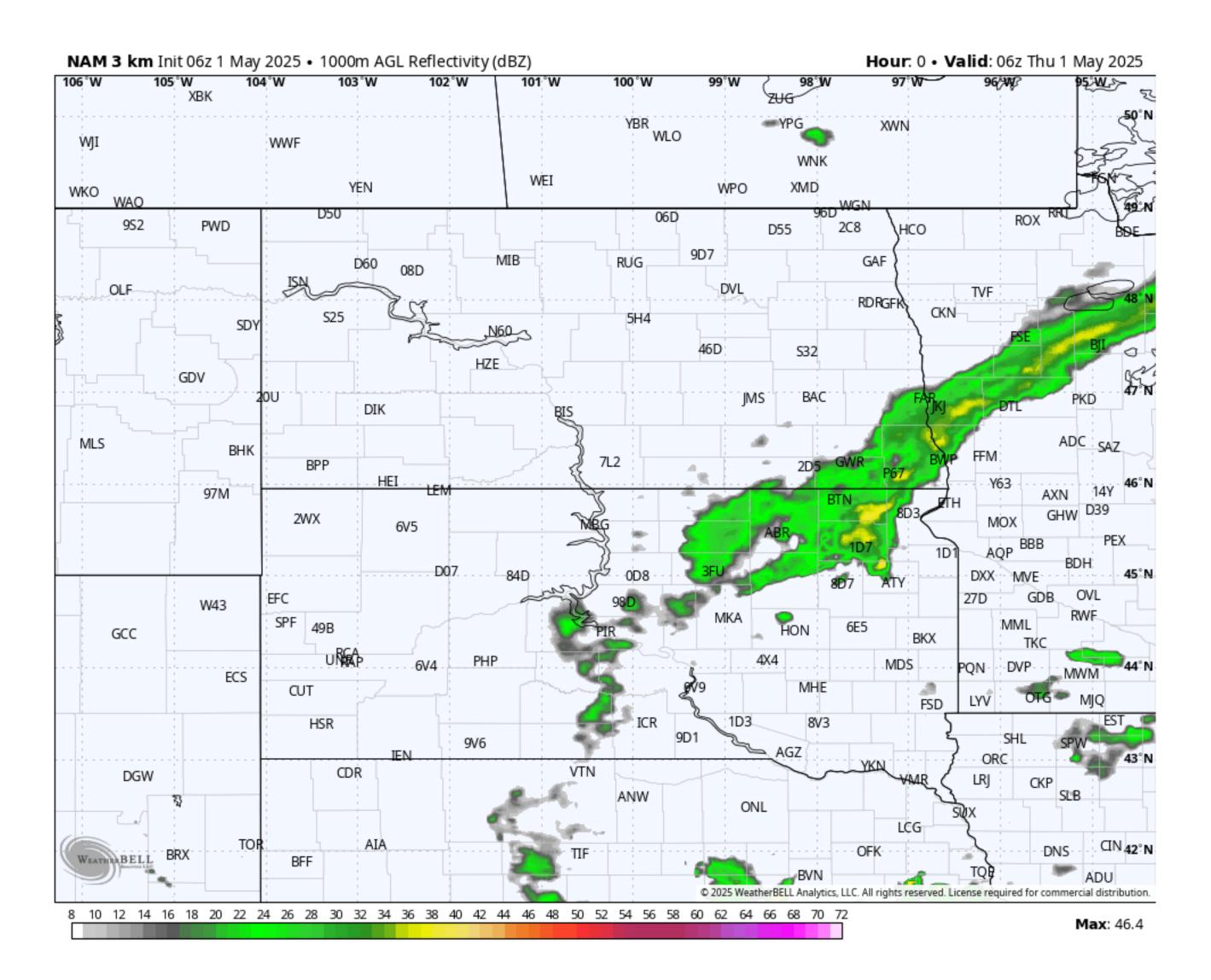
MRMS 1 km • Composite Reflectivity (dBZ)



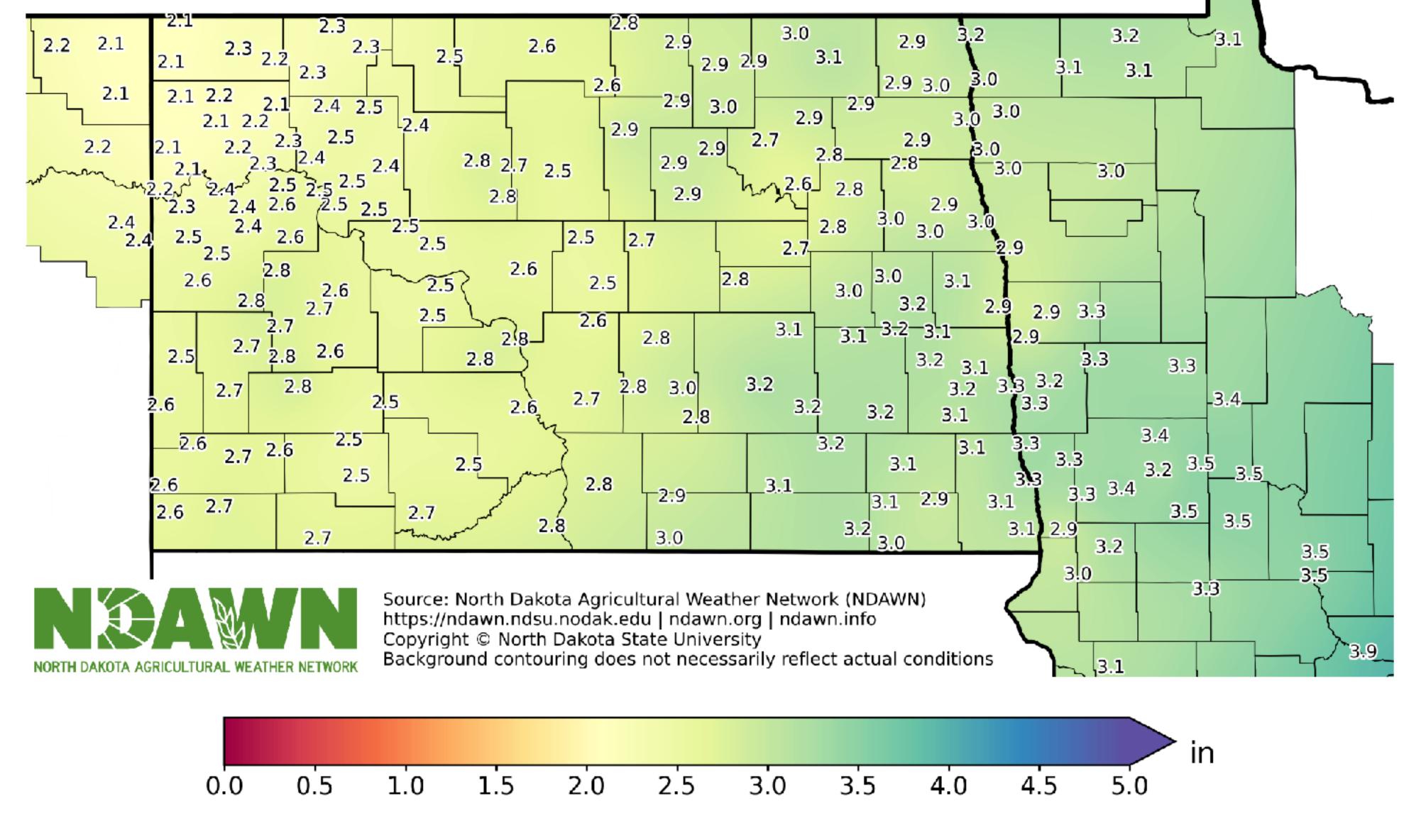
MRMS 1 km • Composite Reflectivity (dBZ)







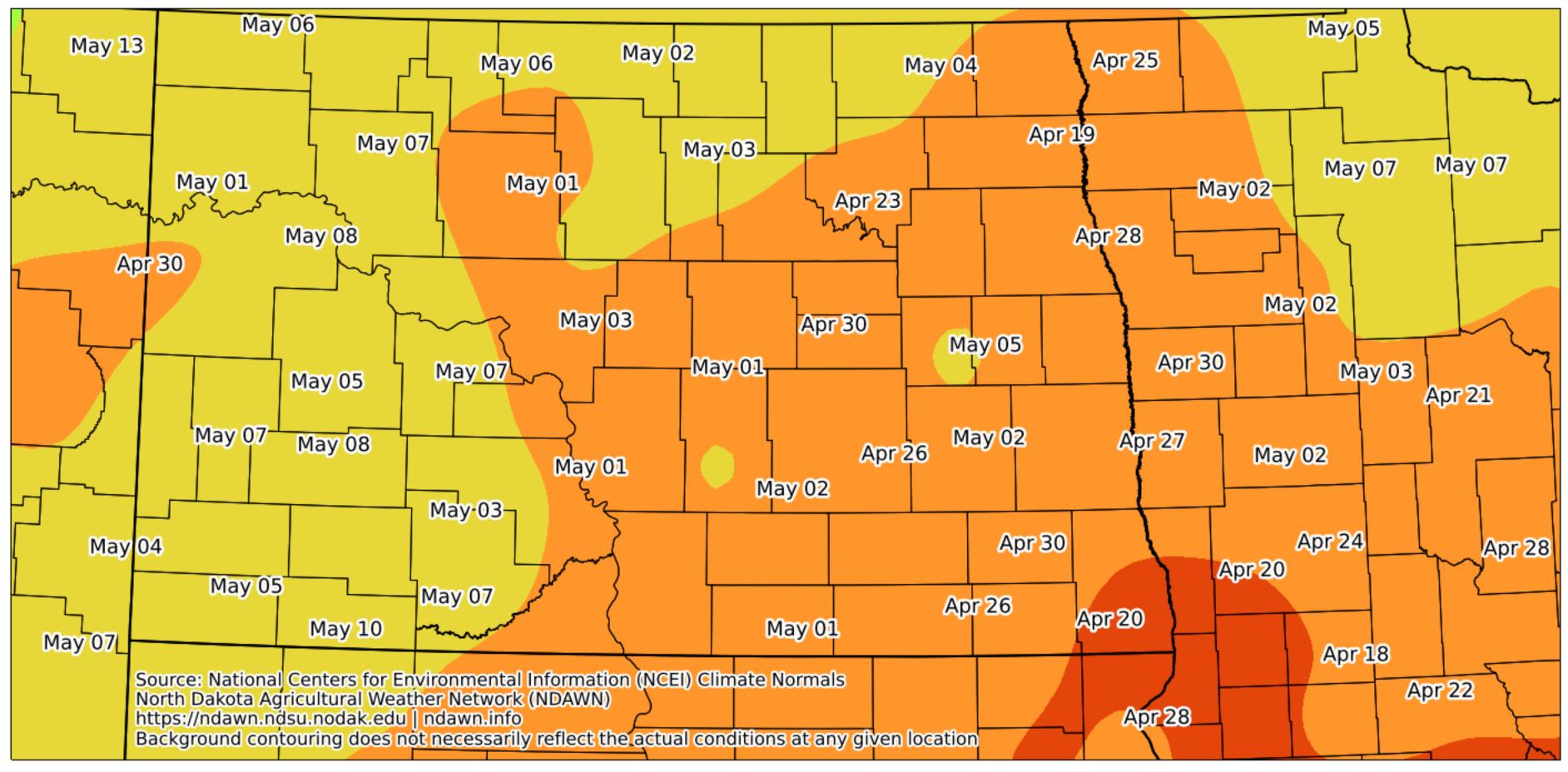
May Total Precipitation (in)

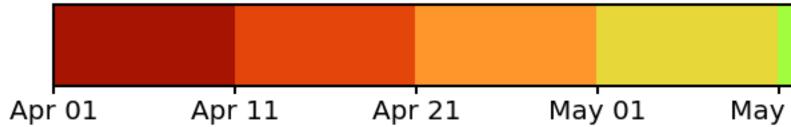


May Average Precipitation

1991-2020 Climate Normals

Climatological Date of Early Last Freeze (32 ° F) Early Defined as the 90th Percentile

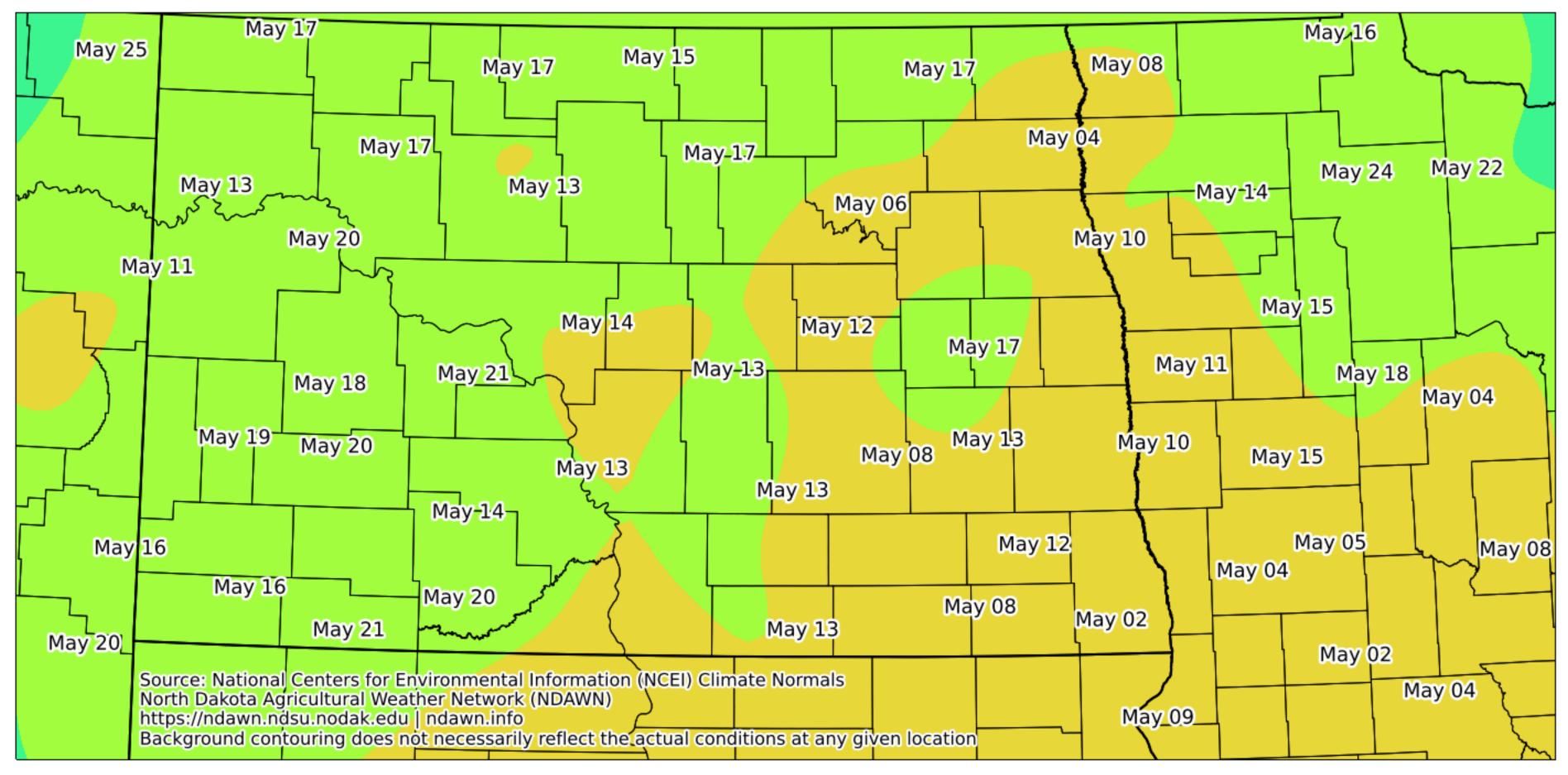


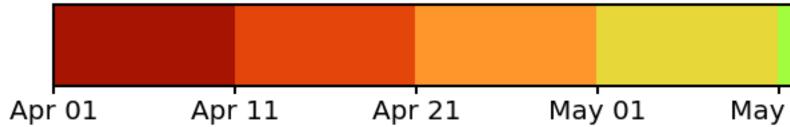




/ 11	May 21	May 31	Jun 10	Jun 20	Jun 30

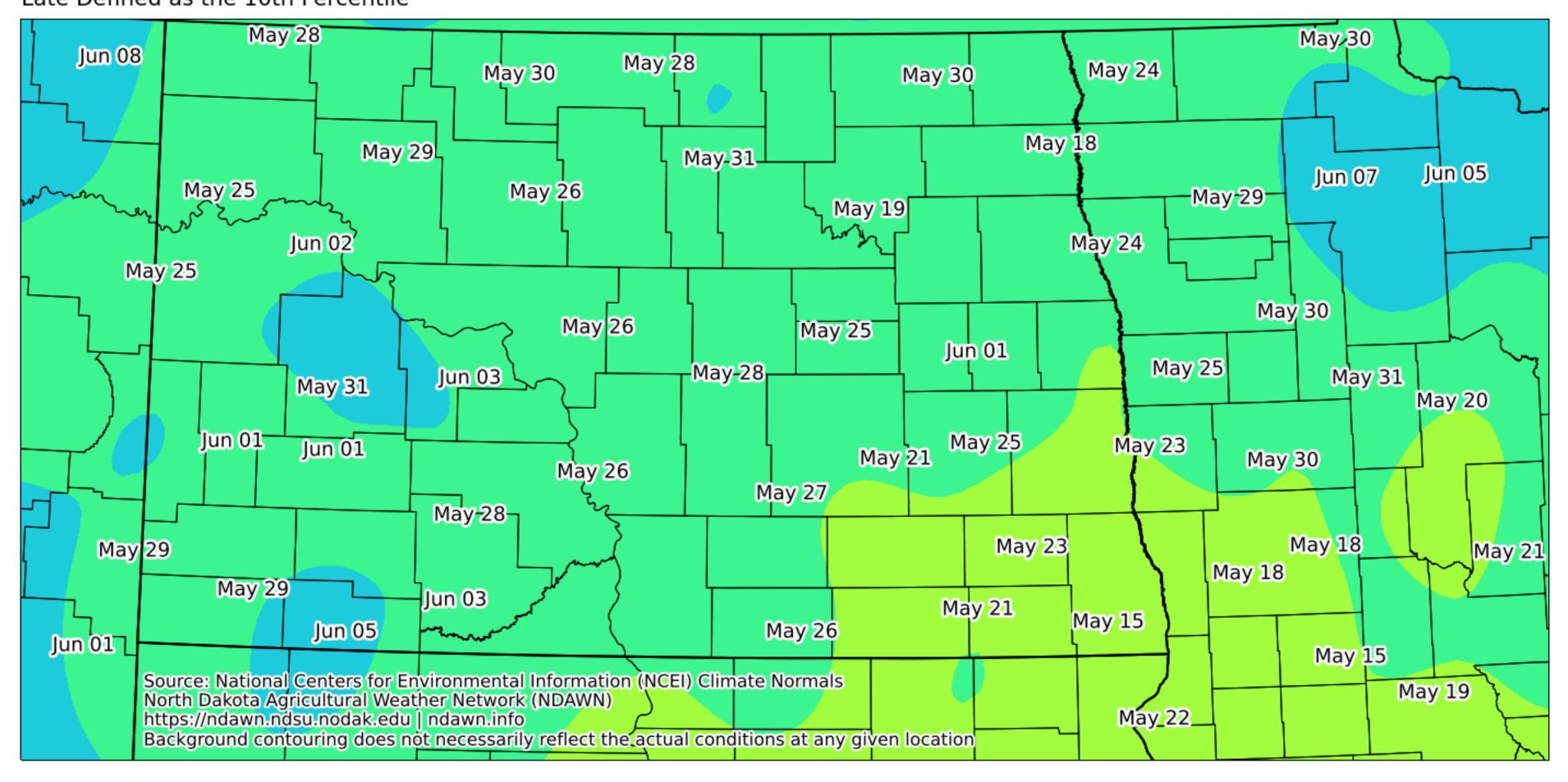
Climatological Date of Median Last Freeze (32 ° F) Median Defined as the 50th Percentile

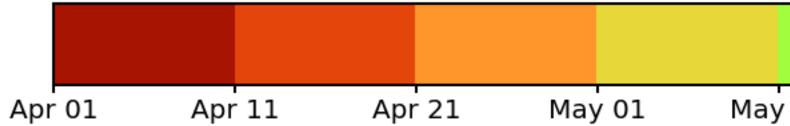




/ 11	May 21	May 31	Jun 10	Jun 20	Jun 30

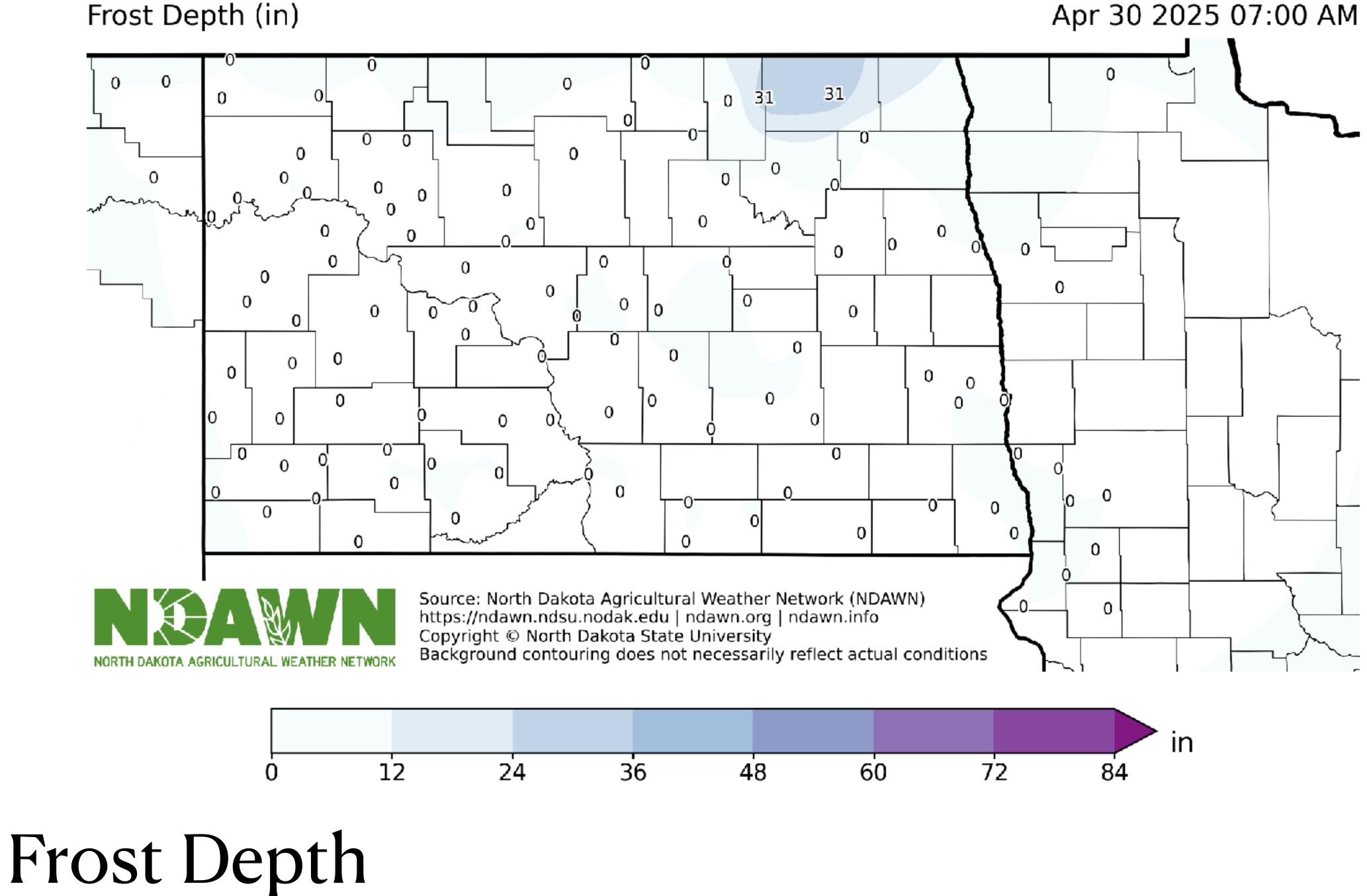
Climatological Date of Late Last Freeze (32 ° F) Late Defined as the 10th Percentile



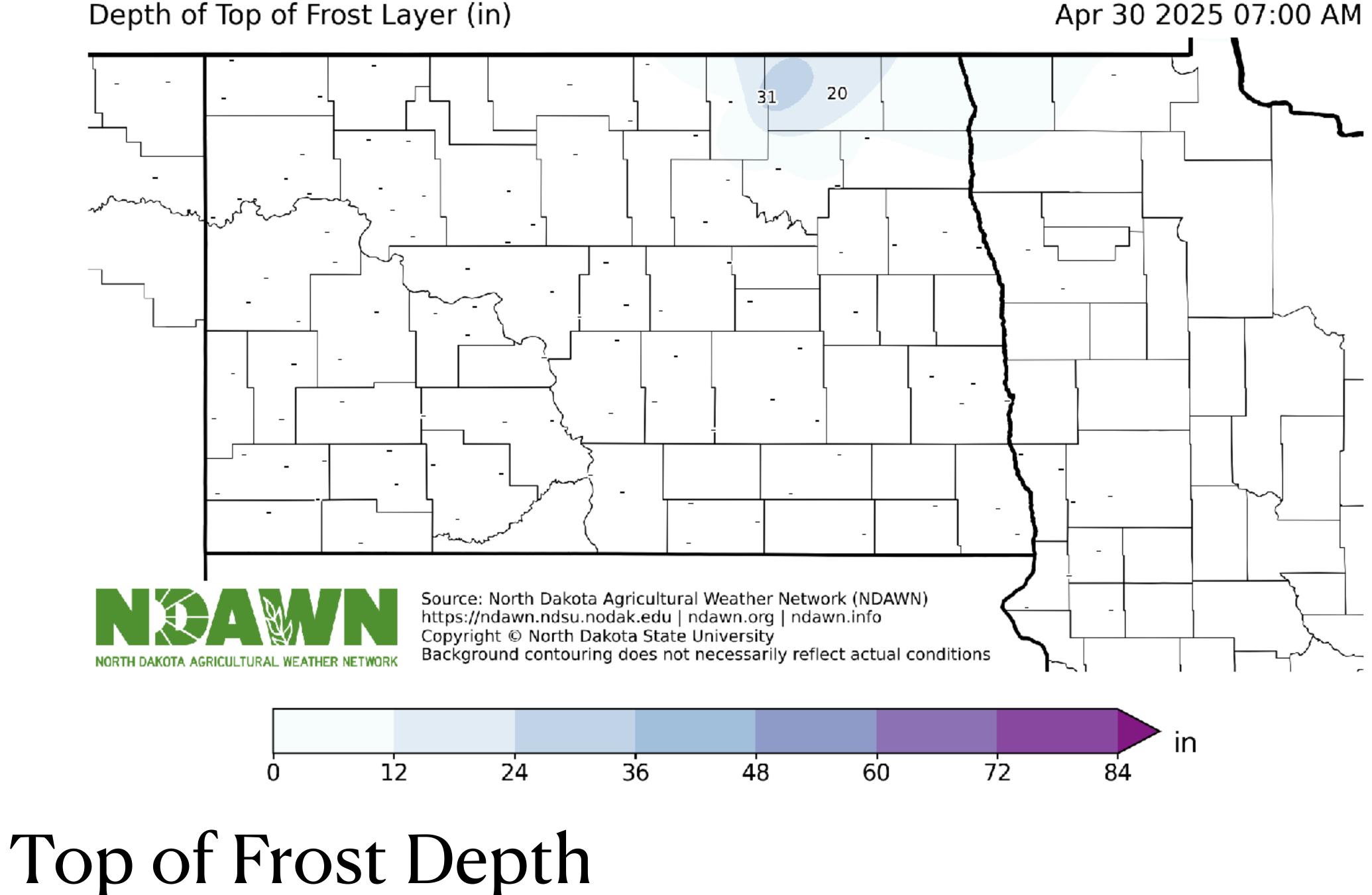


/ 11	May 21	May 31	Jun 10	Jun 20	Jun 30

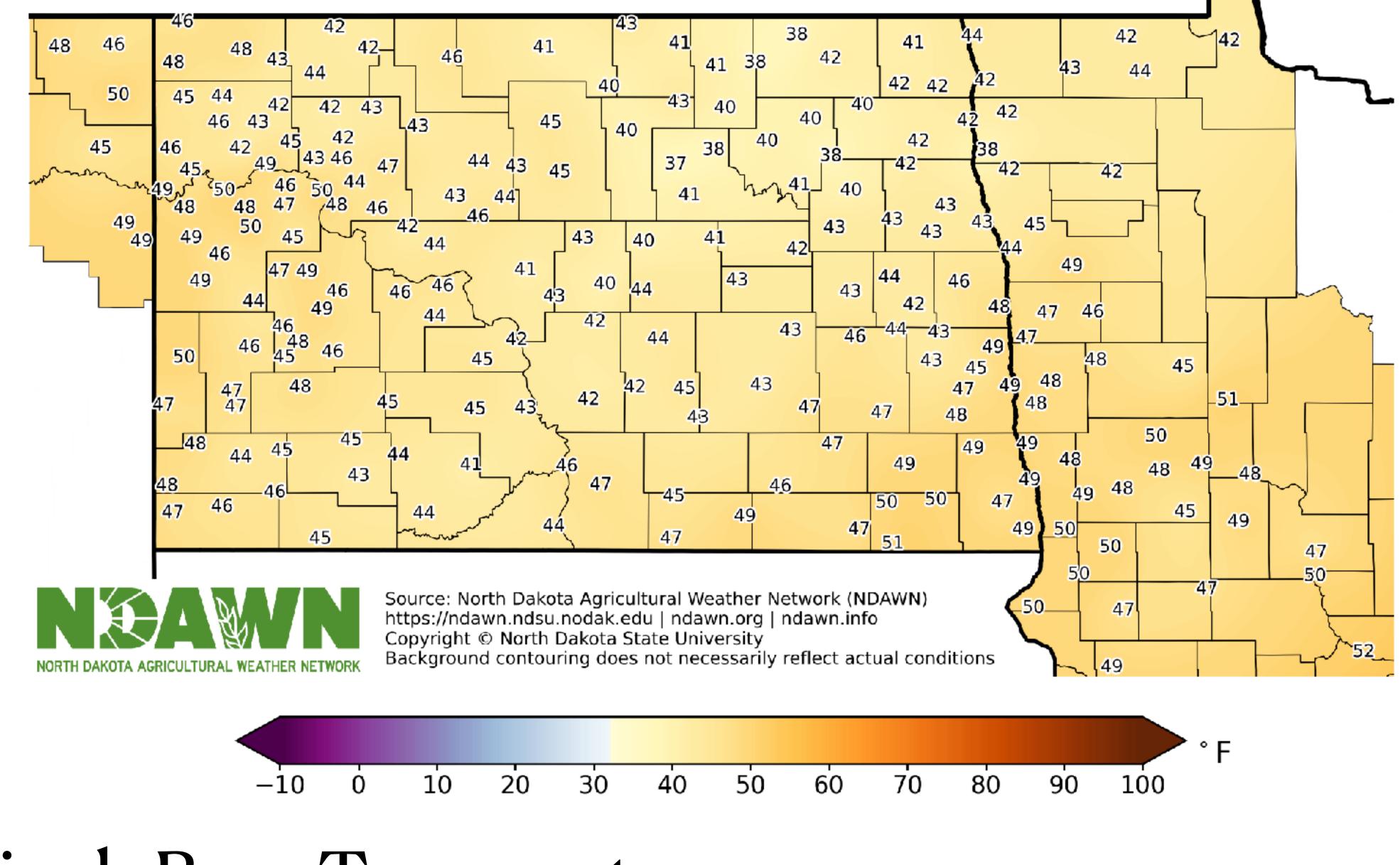
Frost Depth (in)



Depth of Top of Frost Layer (in)

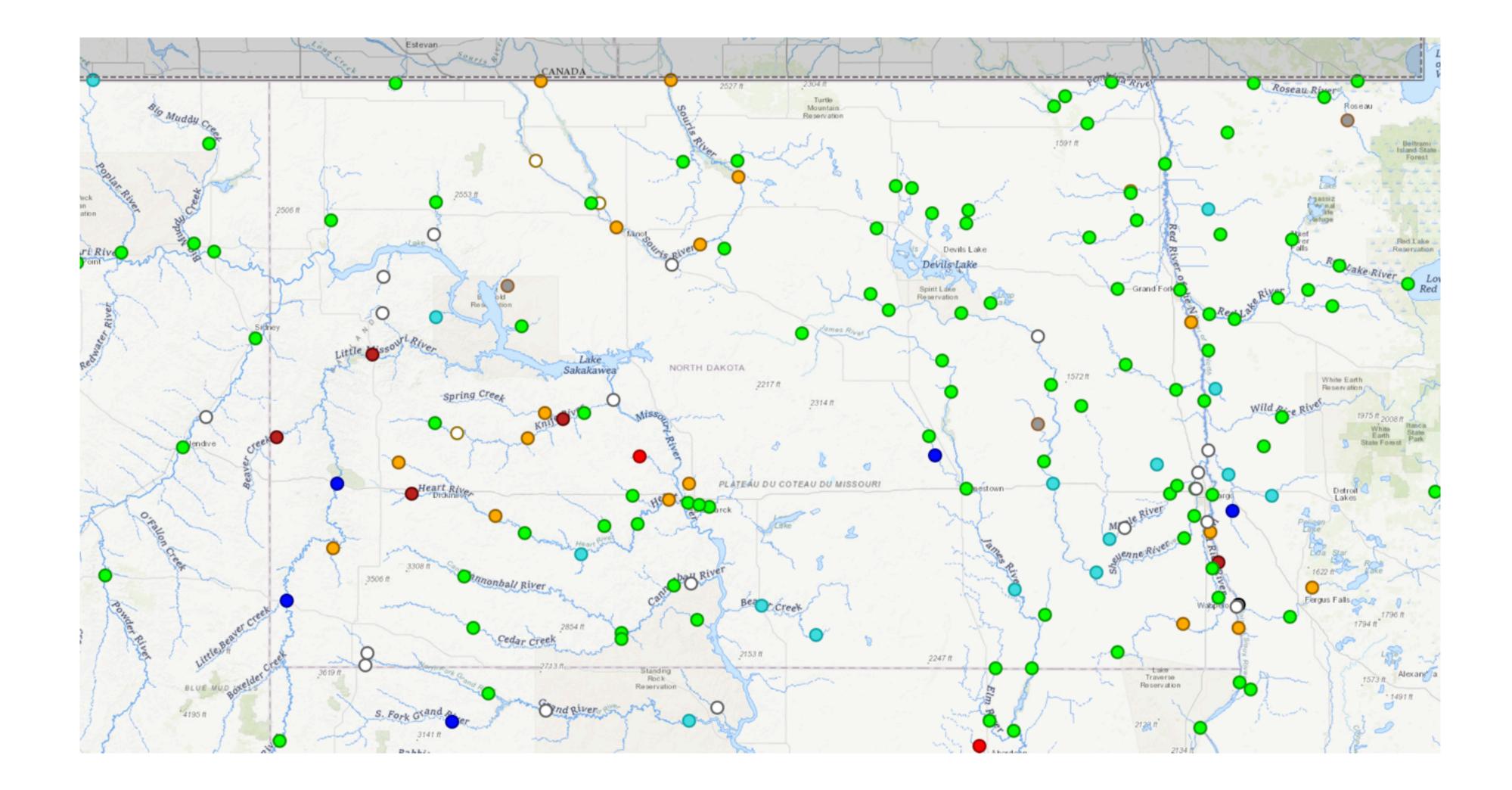


Soil Temperature 4 Inch Bare Soil (°F)



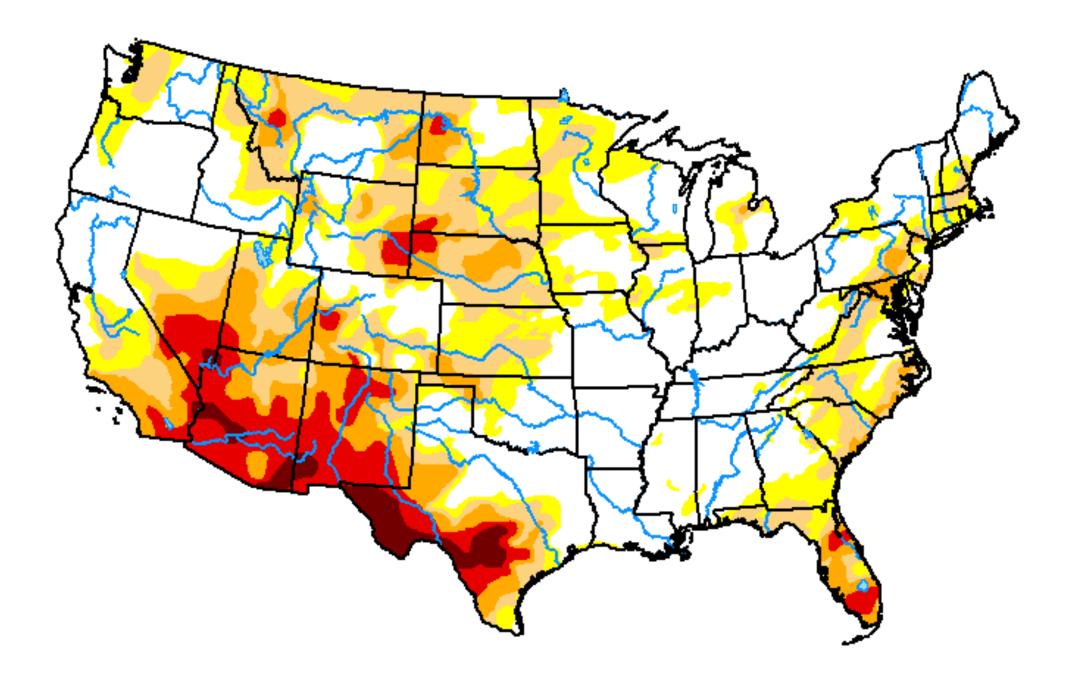
4 inch Bare Temperature

May 01 2025 07:46 AM



Stream Flows

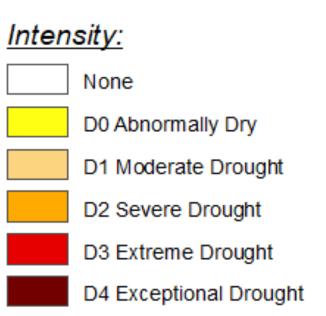
U.S. Drought Monitor Contiguous U.S. (CONUS)



Current Drought Monitor

April 29, 2025

(Released Thursday, May. 1, 2025) Valid 8 a.m. EDT



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

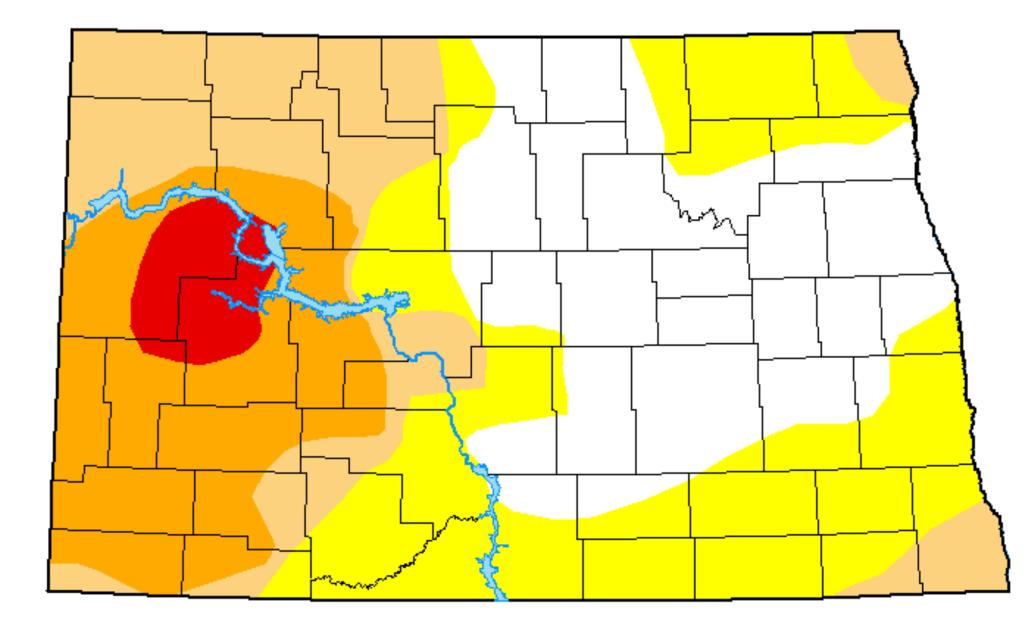
Author:

Richard Tinker CPC/NOAA/NWS/NCEP



droughtmonitor.unl.edu

U.S. Drought Monitor **North Dakota**

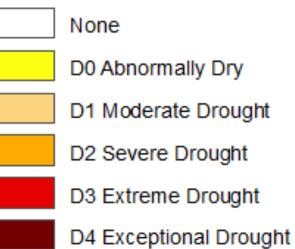


Current Drought Monitor

April 29, 2025

(Released Thursday, May. 1, 2025) Valid 8 a.m. EDT

Intensity:



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:

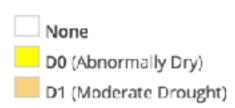
Richard Tinker CPC/NOAA/NWS/NCEP



droughtmonitor.unl.edu

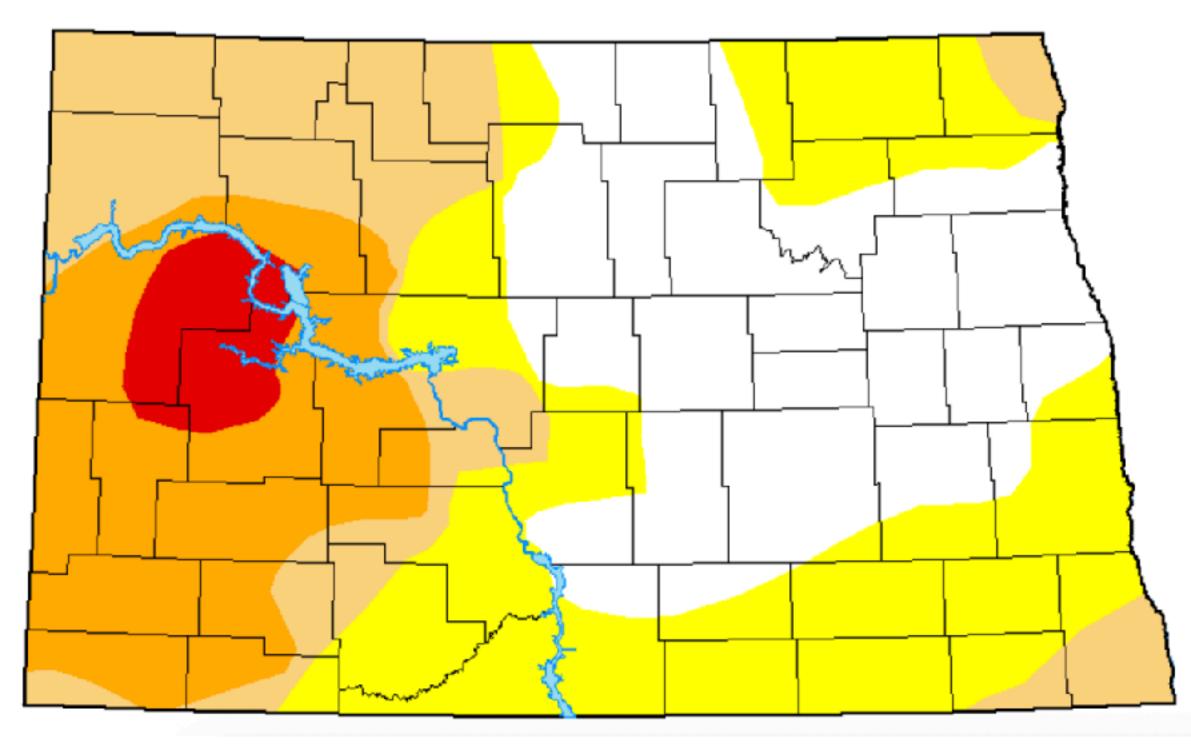


Drought Classification





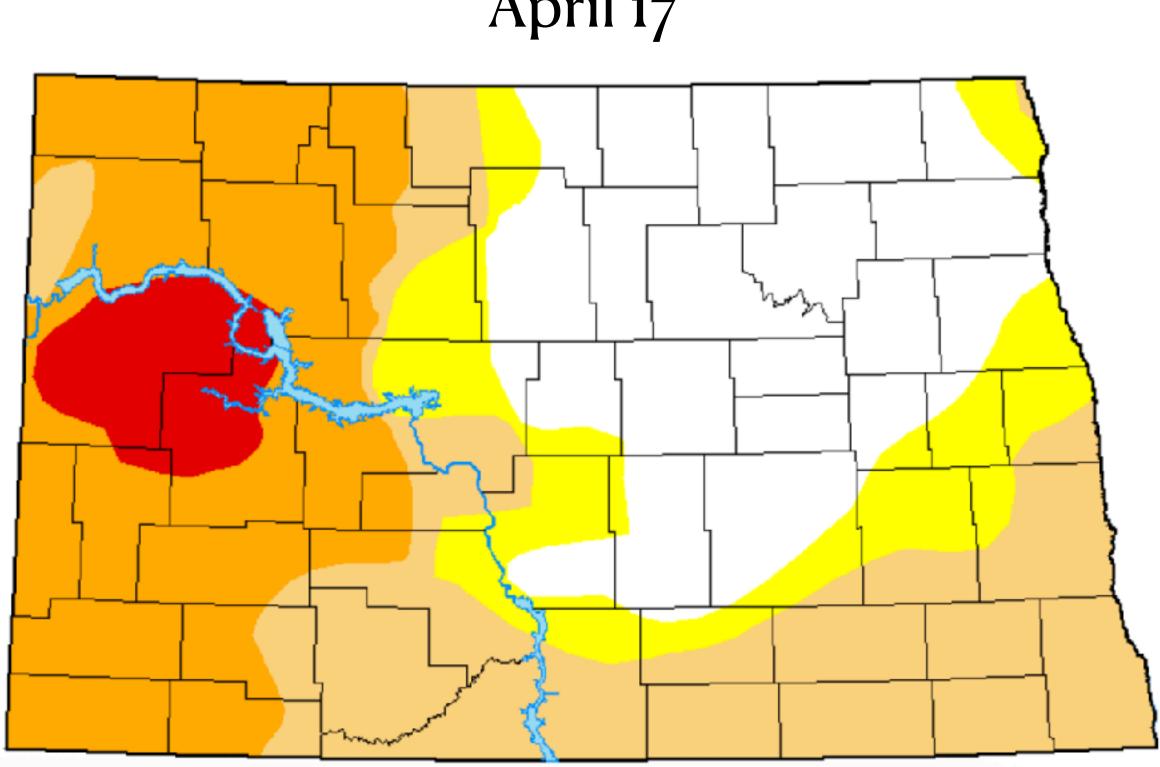
May 1



Two Week Comparison

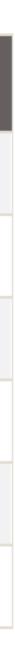
D4 (Exceptional Drought) No Data

April 17

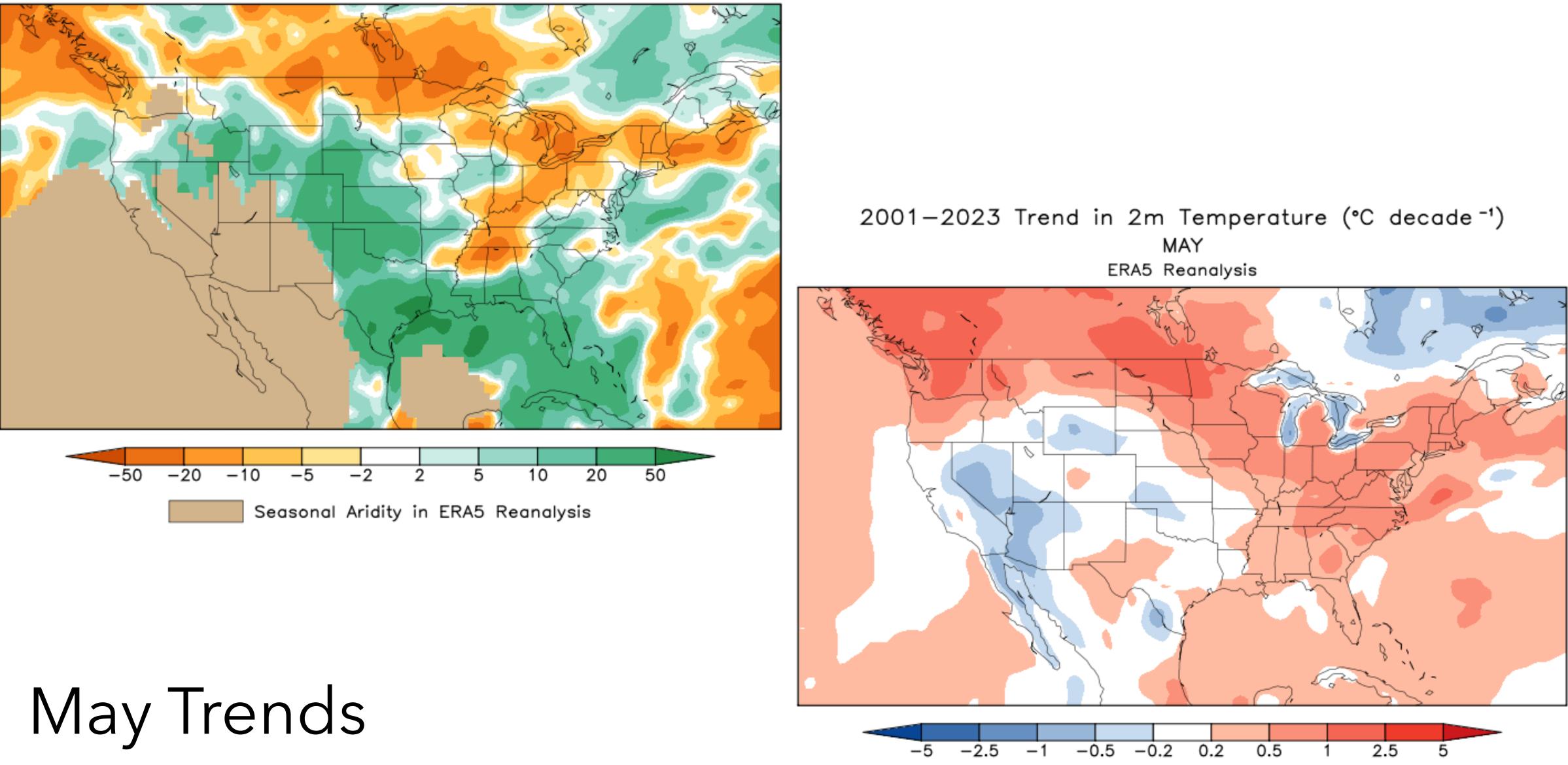


Week	Date	None	D0-D4	D1-D4	D2-D4	D3-D4	D4	<u>DSCI</u>
Current	<u>2025-04-29</u>	30.68	69.32	39.63	21.29	3.79	0.00	134
Last Week to Current	<u>2025-04-22</u>	29.77	70.23	57.21	30.68	5.11	0.00	163
3 Months Ago to Current	<u>2025-01-28</u>	32.88	67.12	54.92	28.31	4.58	0.00	155
Start of Calendar Year to Current	<u>2024-12-31</u>	32.88	67.12	54.92	28.78	12.99	0.00	164
Start of Water Year to Current	<u>2024-10-01</u>	47.89	52.11	25.17	12.68	3.39	0.00	93
One Year Ago to Current	<u>2024-04-30</u>	51.02	48.98	16.60	5.37	0.00	0.00	71

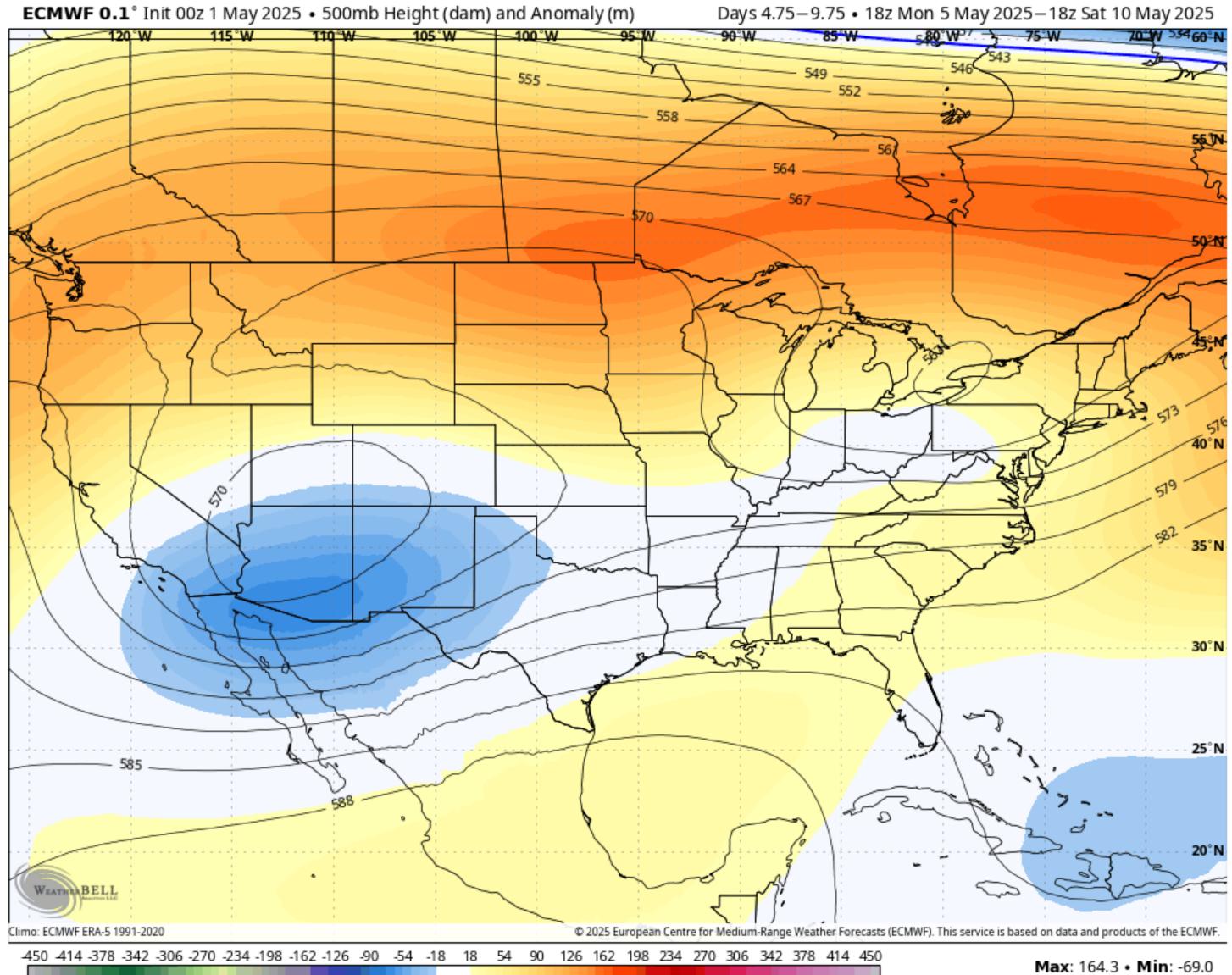
North Dakota Categorical Percent



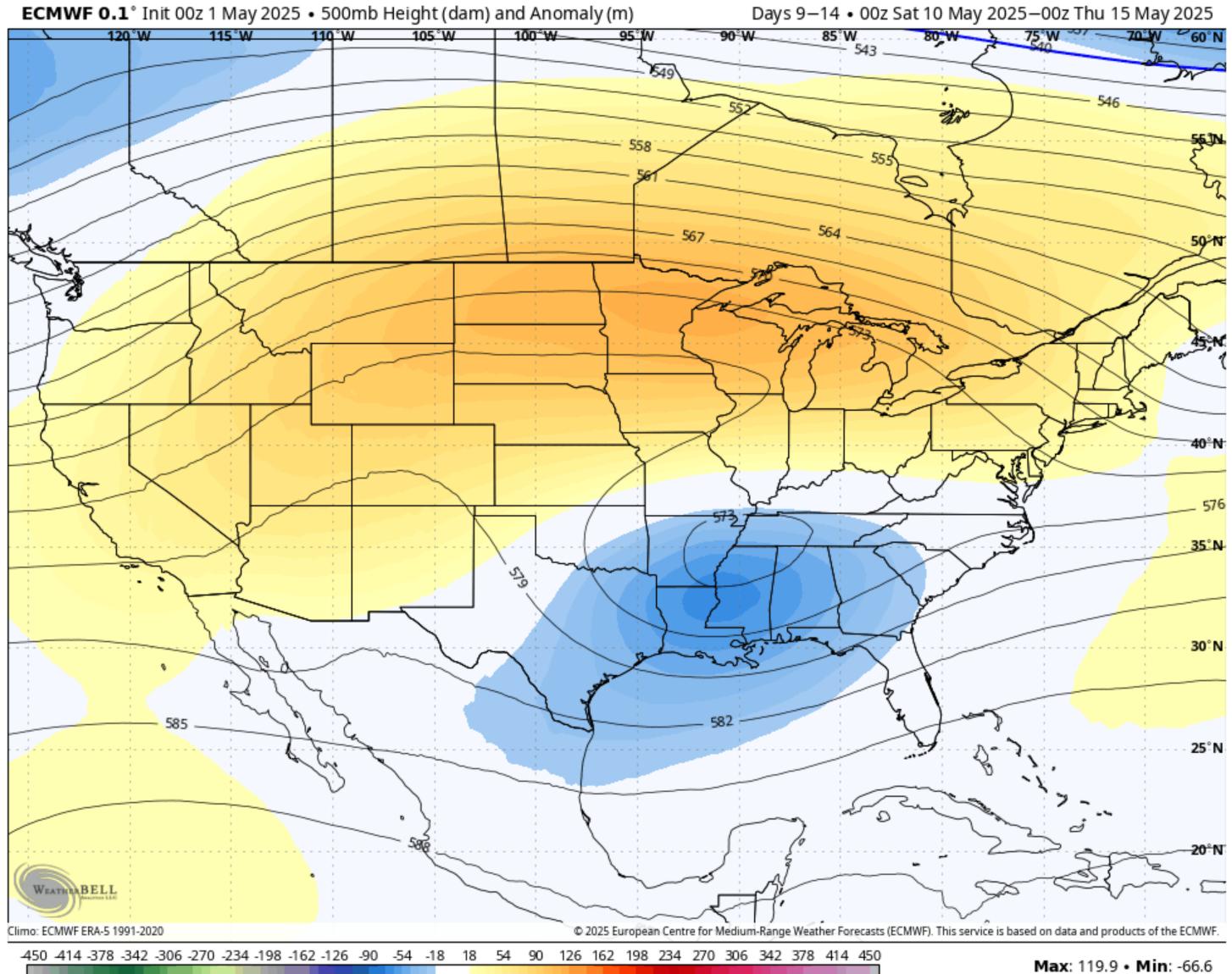
2001-2023 Trend in Precipitation (Percent Change Per Decade) MAY ERA5 Reanalysis

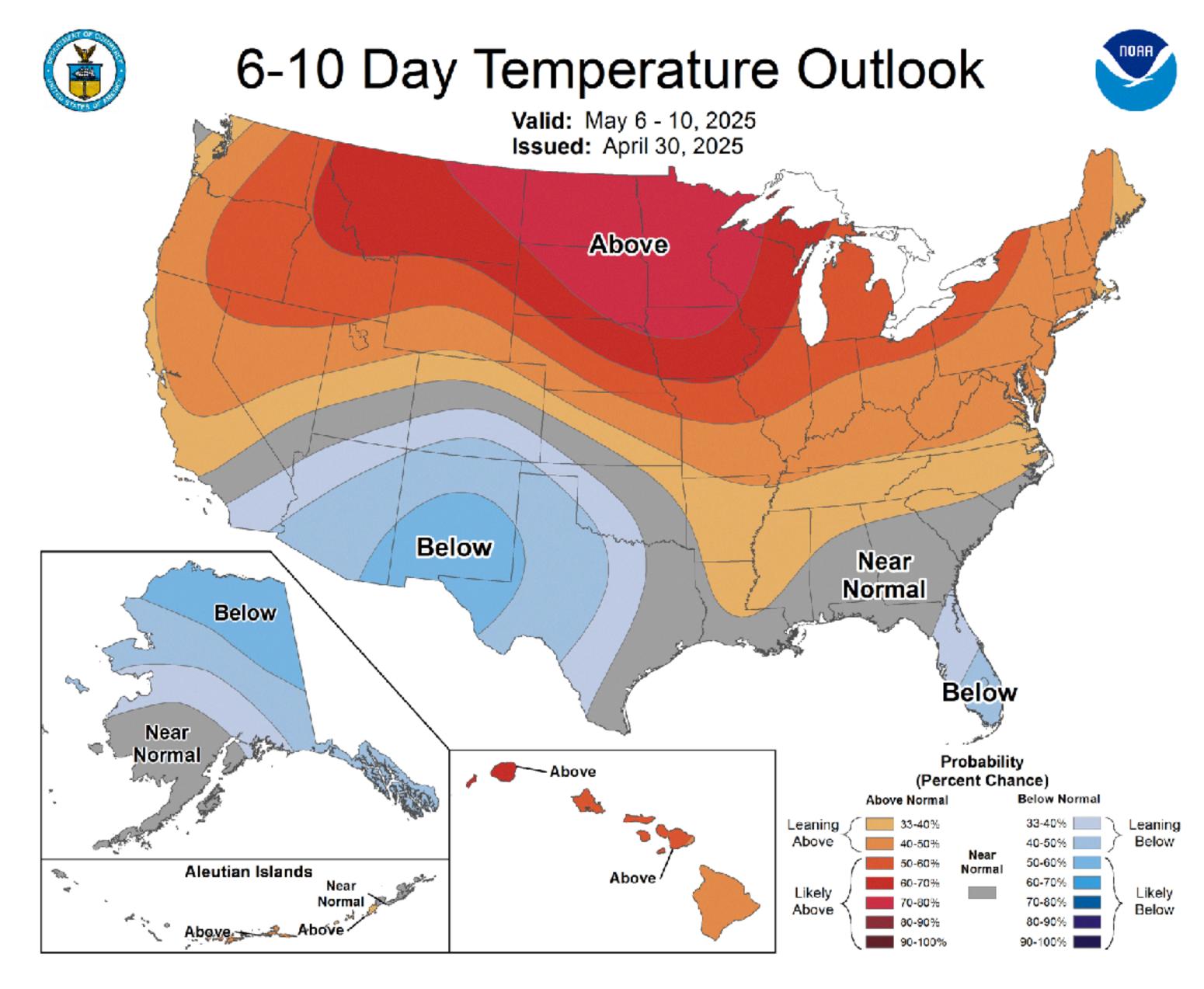


May 5-10 Upper Level Anomalies

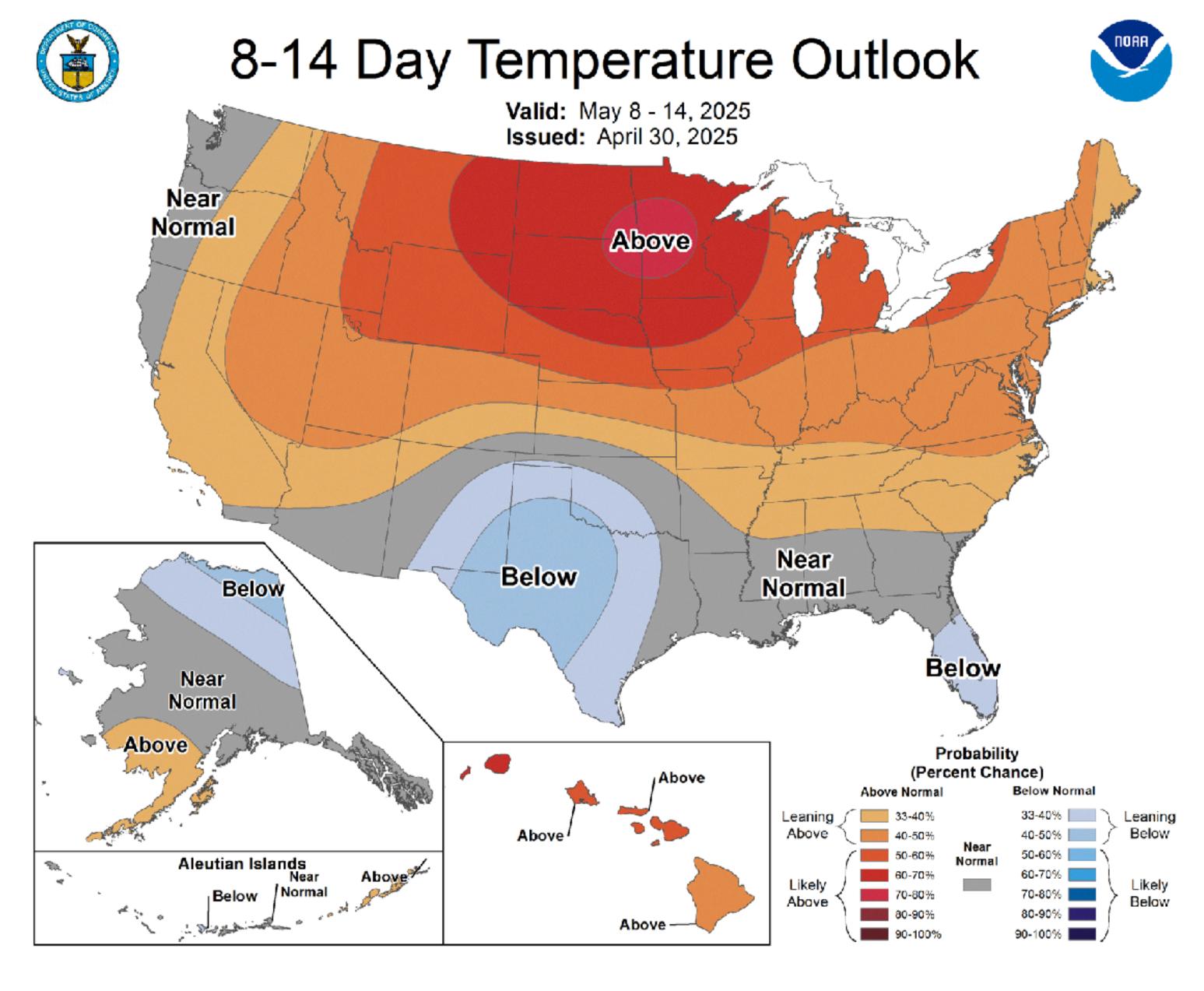


May 10-15 Upper Level Anomalies

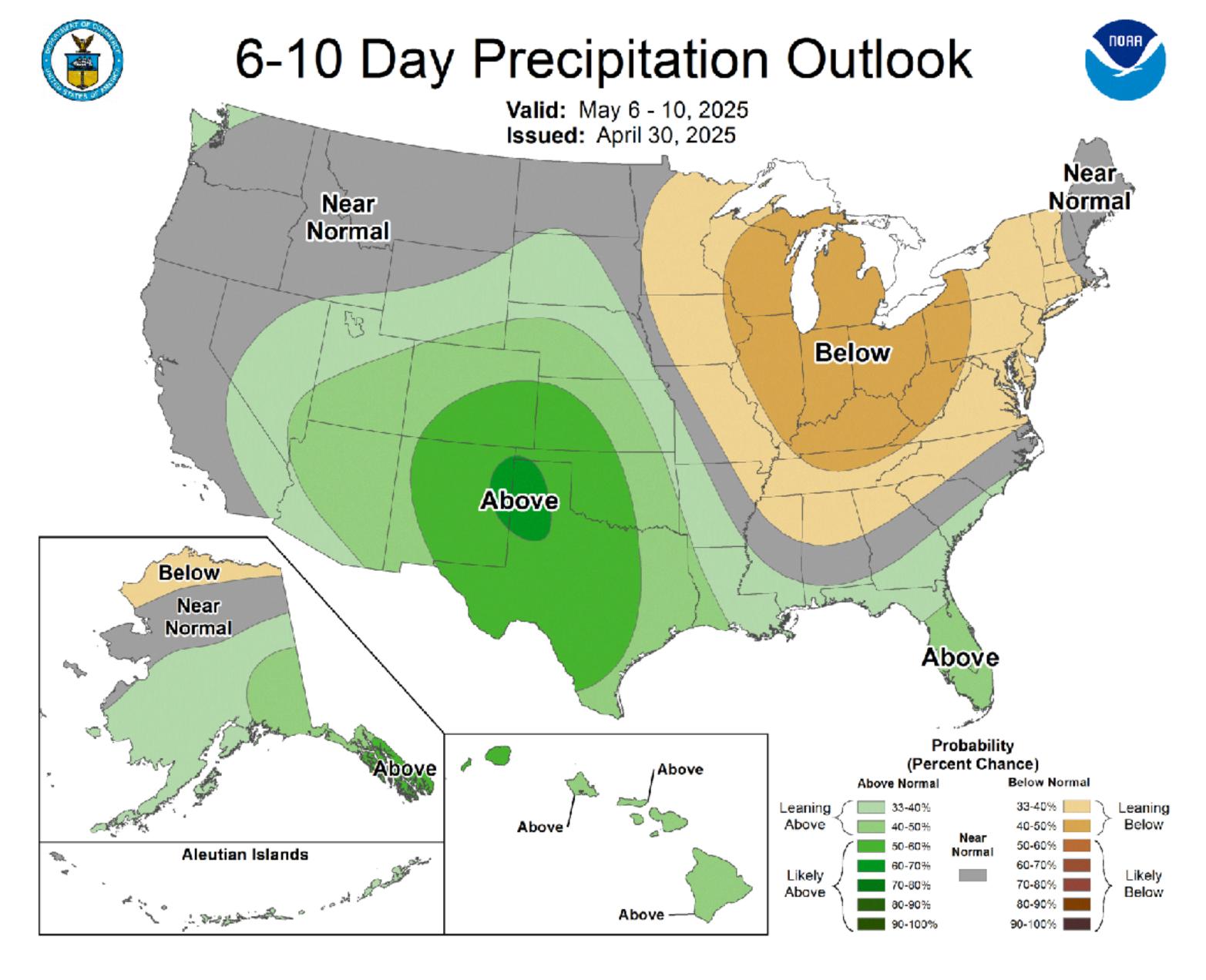




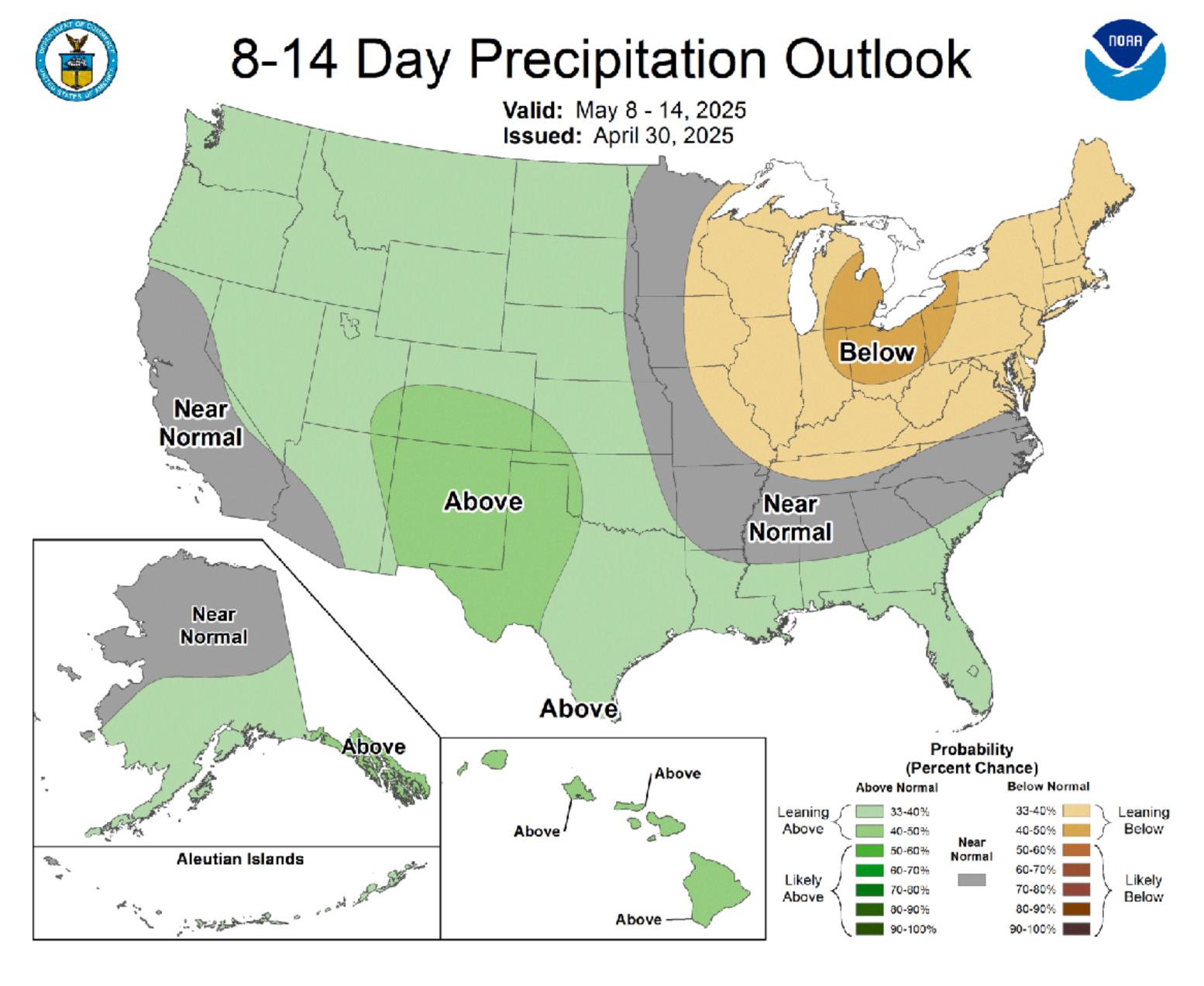
6-10 Day Outlook



8-14 Day Outlook



6-10 Day Outlook



8-14 Day Outlook

Summary

Drying Off: Planting in Full Gear

Drying Off: Planting in Full Gear

Last Freeze of the Season Behind Us?

Drying Off: Planting in Full Gear

Last Freeze of the Season Behind Us?

Dry Areas Probably Staying Dry

Drying Off: Planting in Full Gear

Last Freeze of the Season Behind Us?

Dry Areas Probably Staying Dry

Drought Conditions: Changes in the West Possible