

North Dakota Bi-Weekly Drought Update

Daryl Ritchison, April 17, 2025

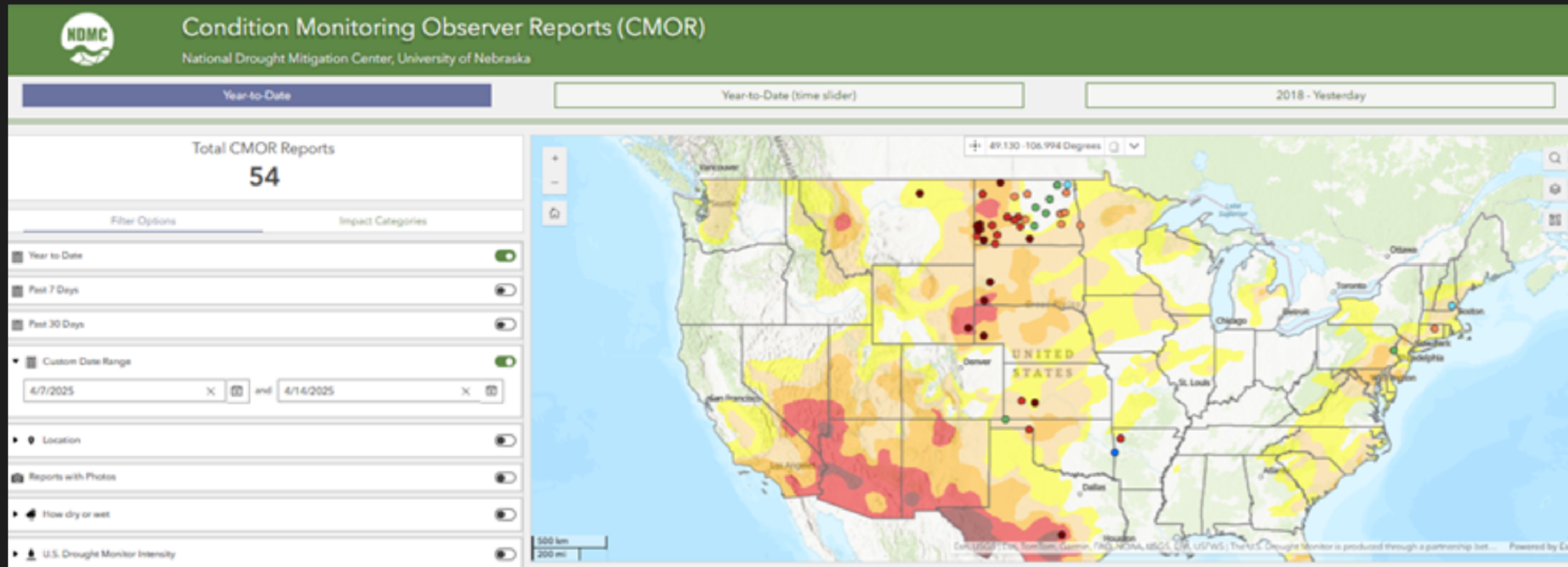
East

MDAWN Bantry

04/15/2025 10:57:05 AM

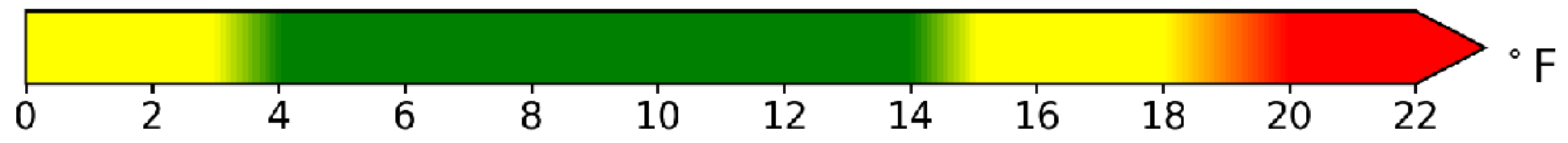
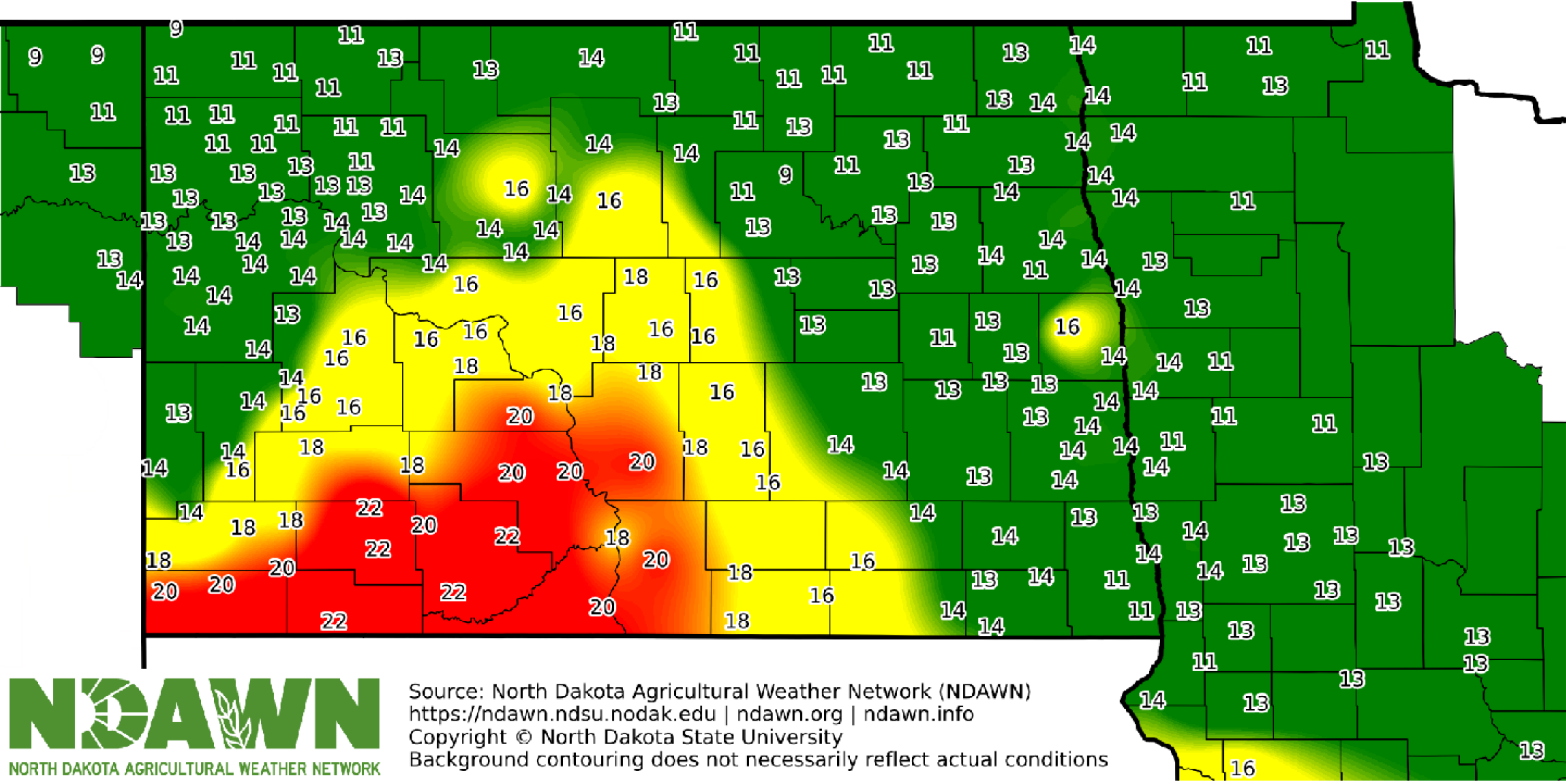
All,

CMOR has received 54 reports since April 7, including 38 from North Dakota, where Extension specialists aim to provide a report for each county, each week, during the growing season.

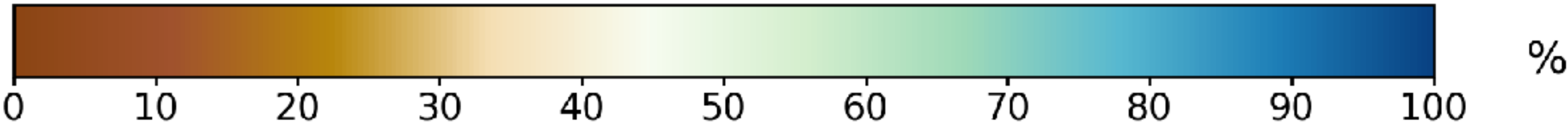
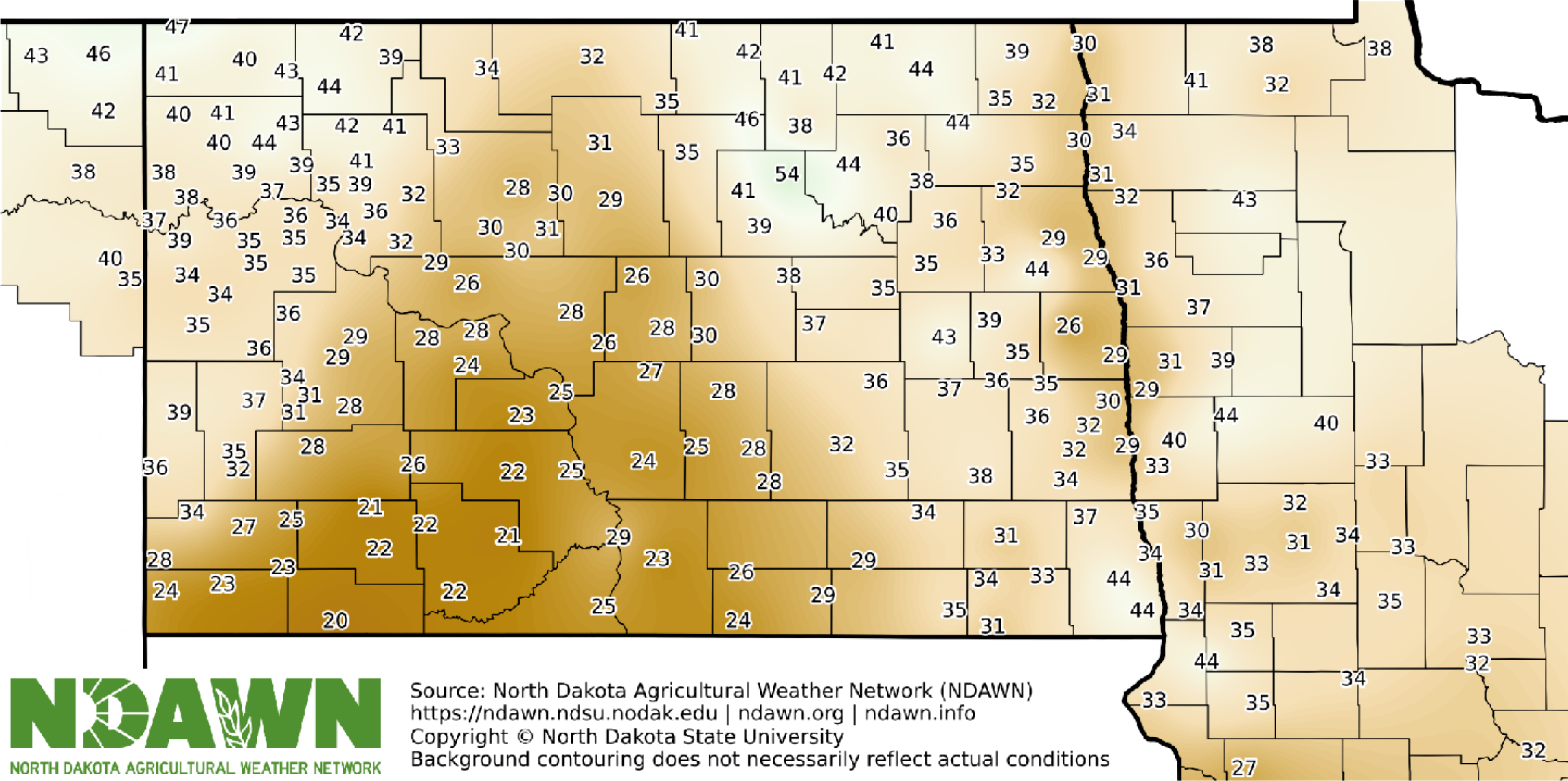


Photos from Golden Valley County in North Dakota on April 8 show fire on Forest Service land. The observer reported, "Very Dry county wide. the area from Sentinel Butte to Square butte, north to the interstate and south to roughly the pipeline road east of Golva. We are starting to see fire already early in the season, lack of green up and limited to no water available for livestock and wildlife. Burn bans are in place. ... Fire on National Forest service land just south of I-94 at exit 17. Fire was caused by something on the interstate, and luckily was caught early and was contained with only 59 acres burned."





Delta-T Yesterday



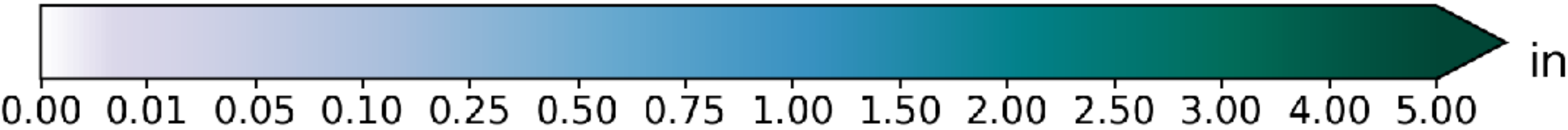
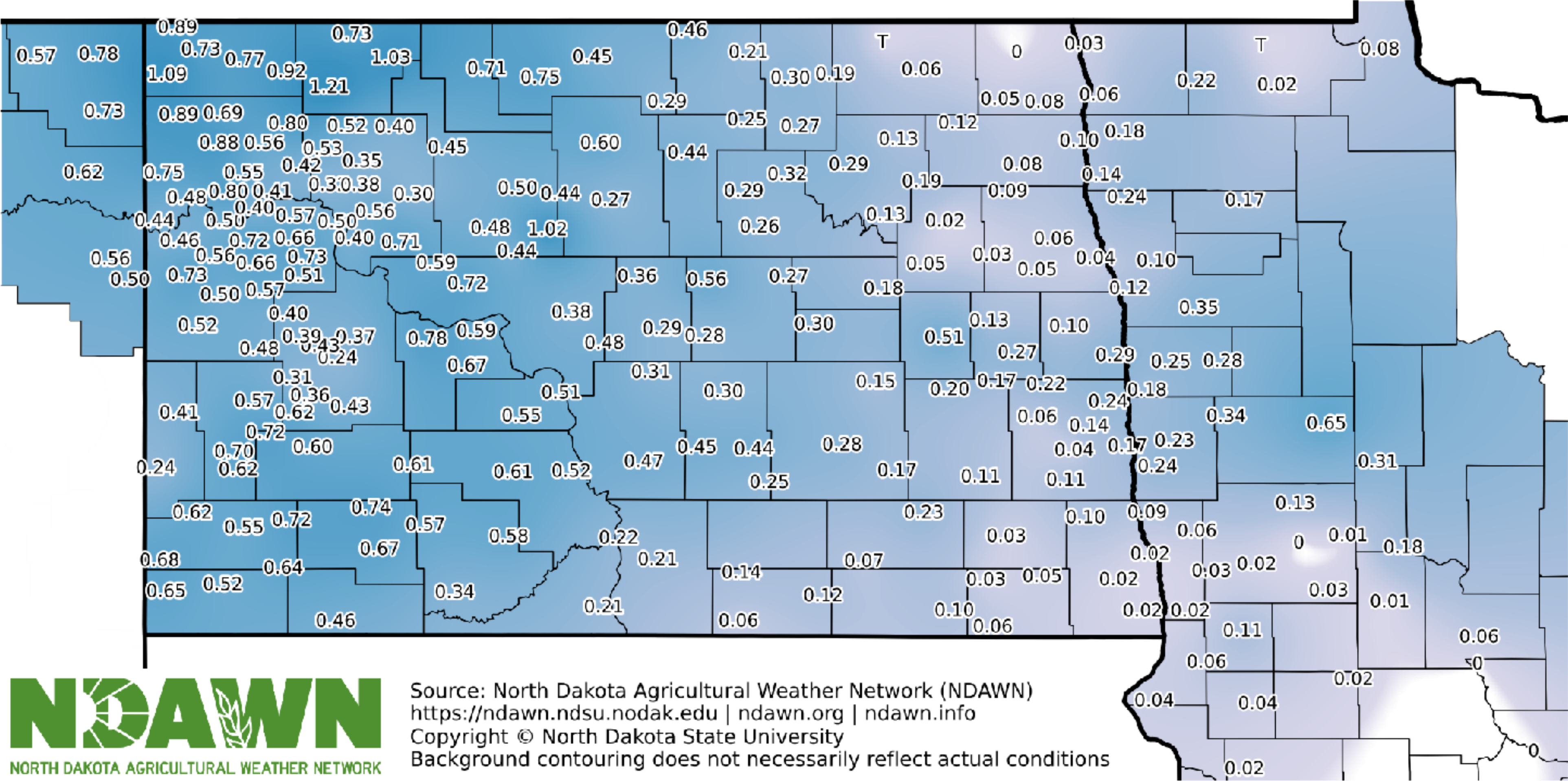
Relative Humidity Yesterday



South



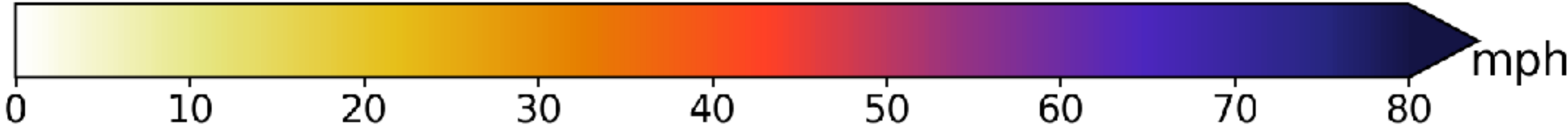
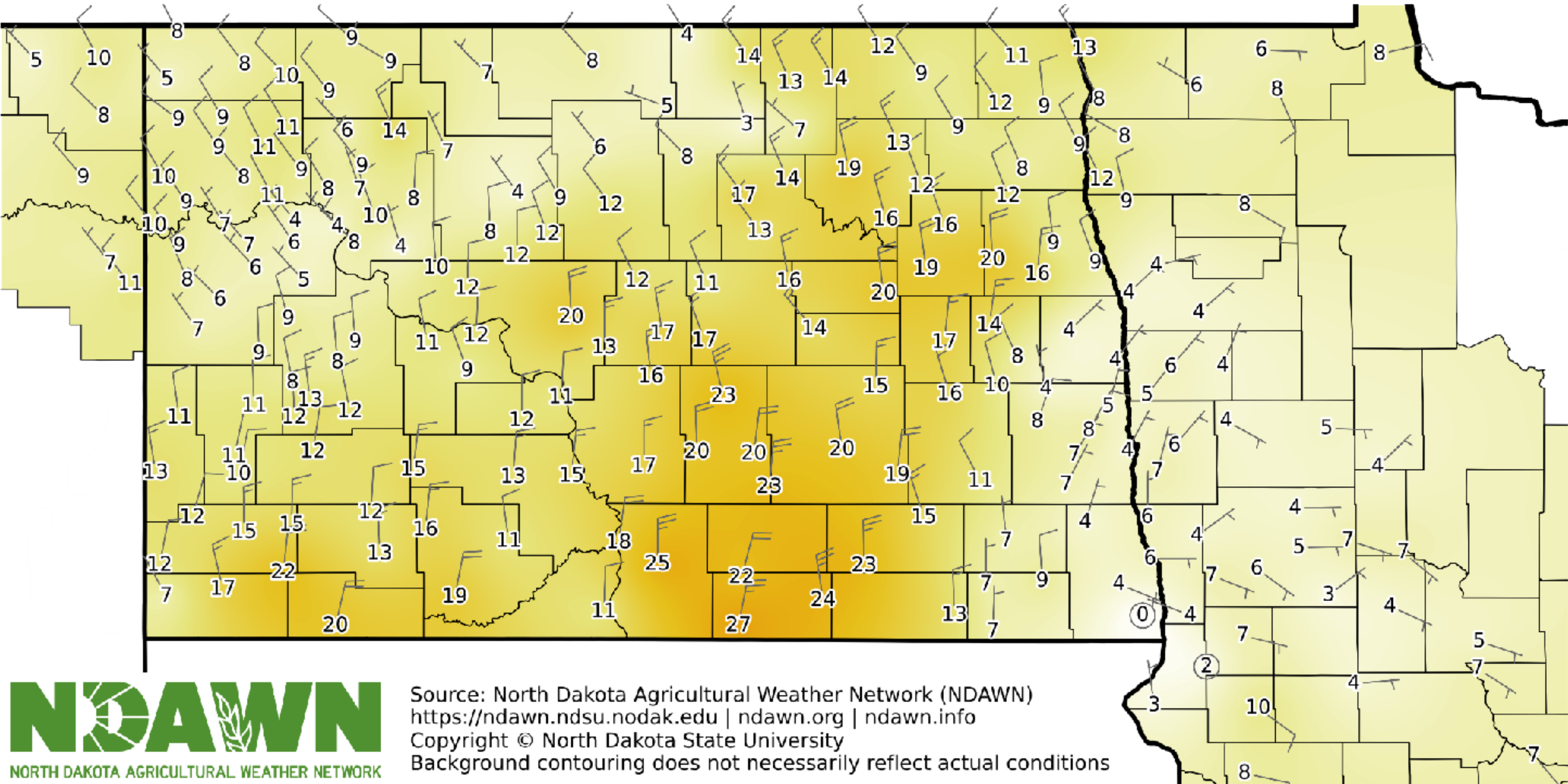




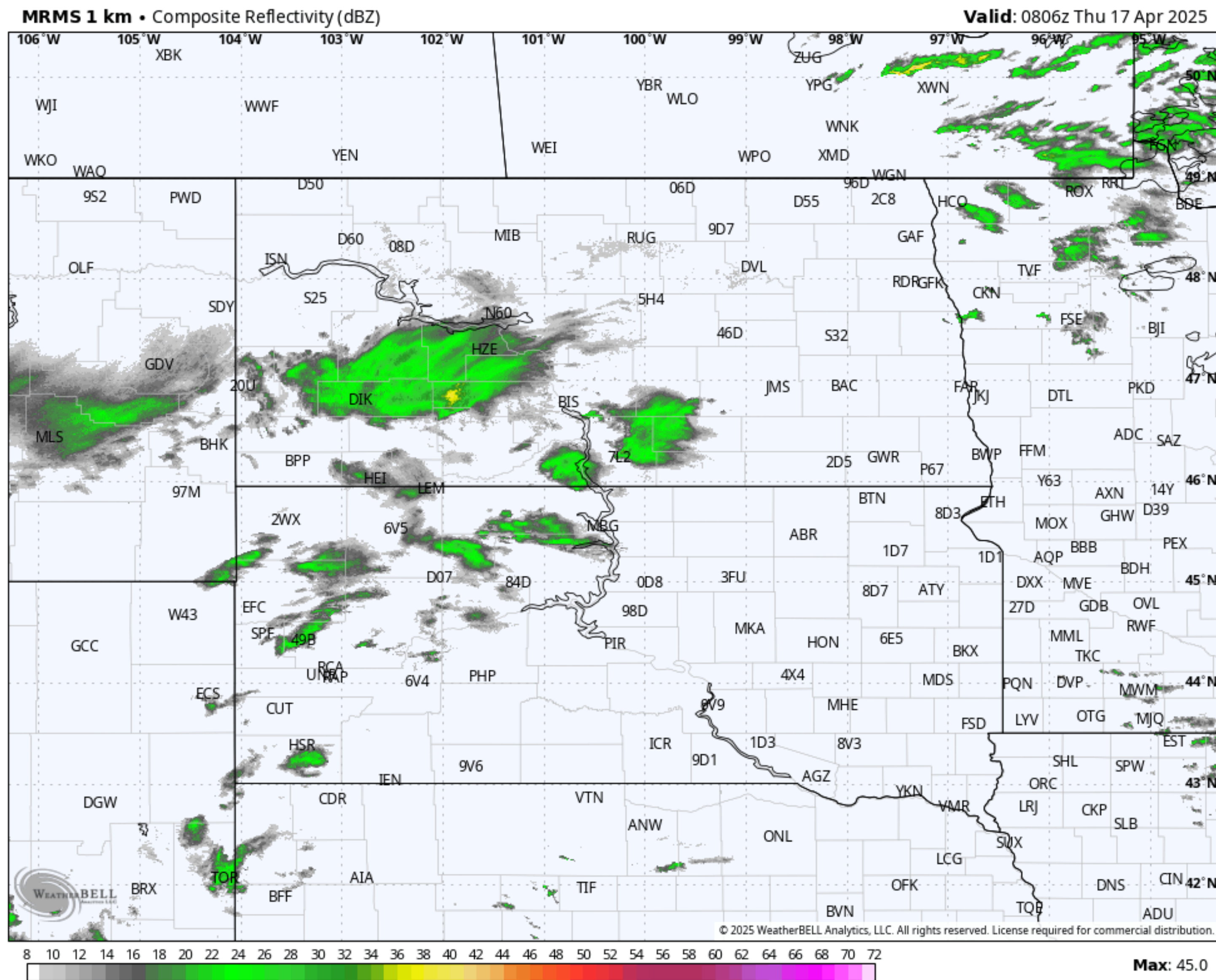
Past 7 Days Precipitation

Wind Speed & Direction @ 10ft (mph)

Apr 17 2025 07:01 AM



Current Wind



Current Radar

East

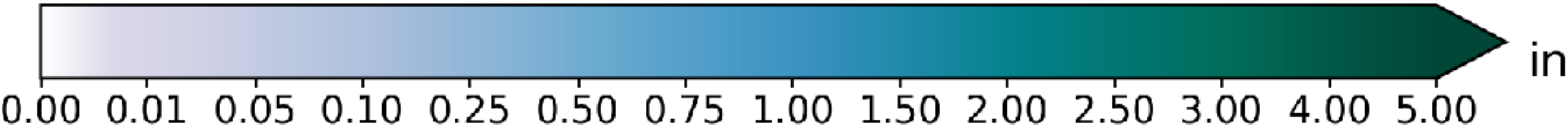
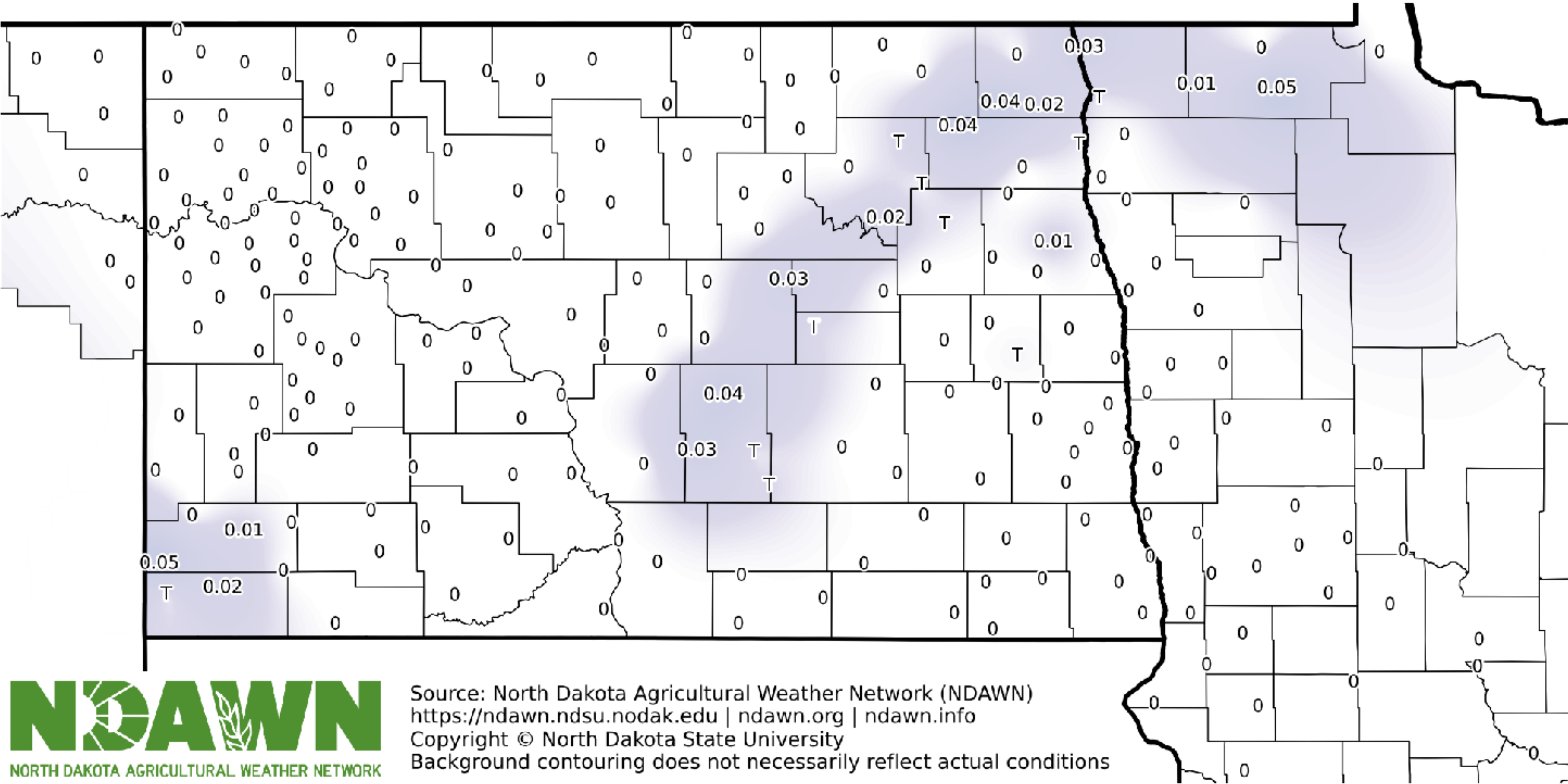


NDAWN Sunny Slope

04/17/2025 06:11:03 AM

Total Rain Since Yesterday (in)

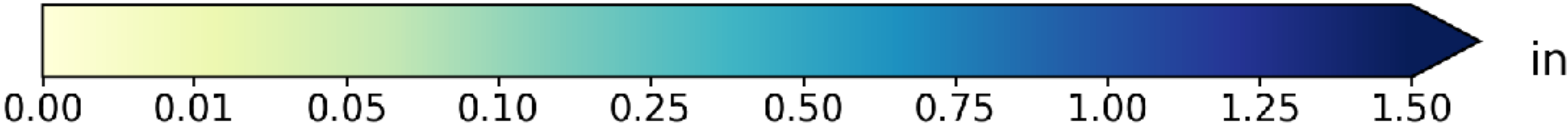
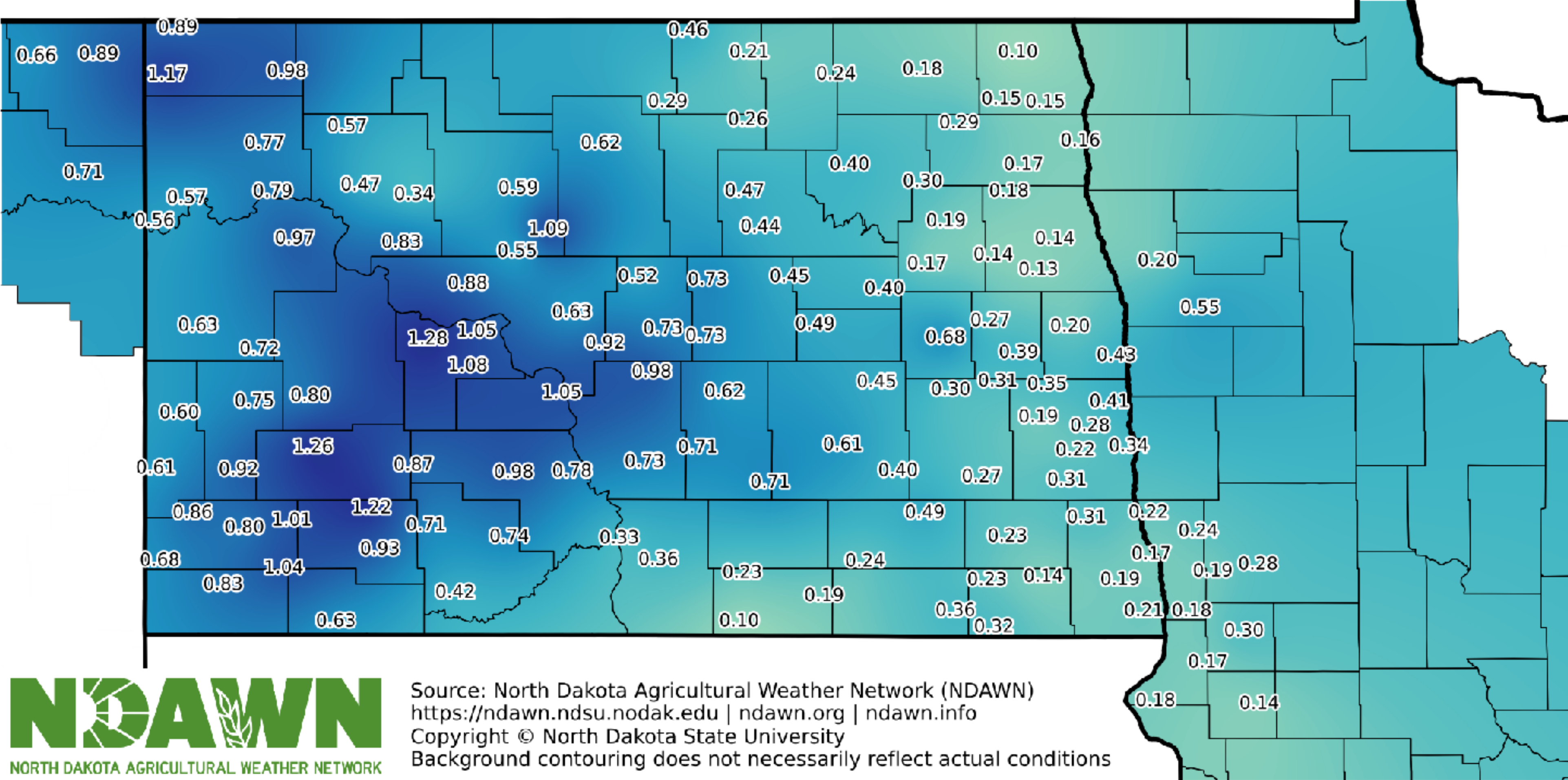
Apr 17 2025 08:31 AM



Precipitation Overnight

Total Precipitation - Past 14 Days (in)

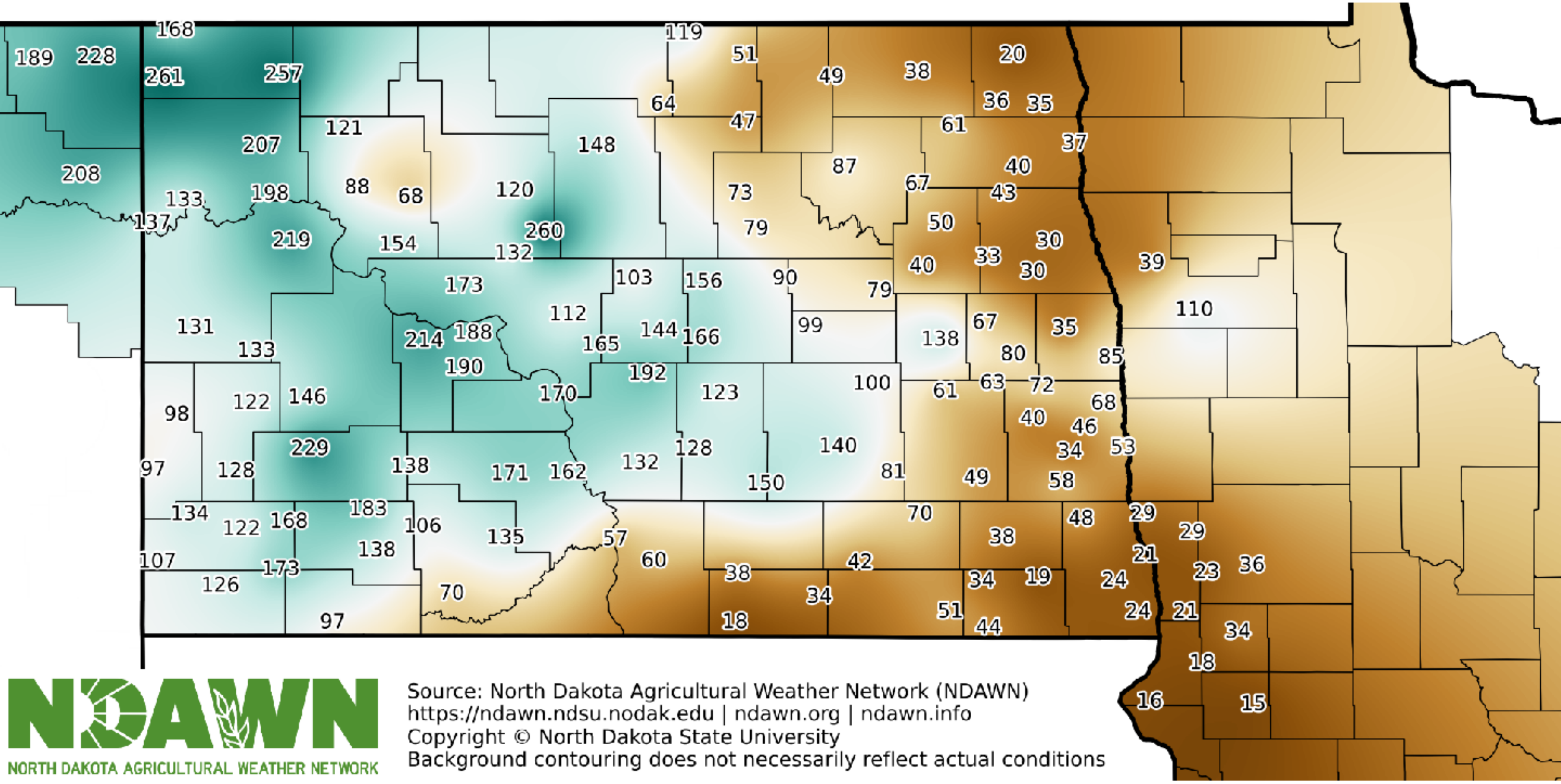
Apr 16 2025



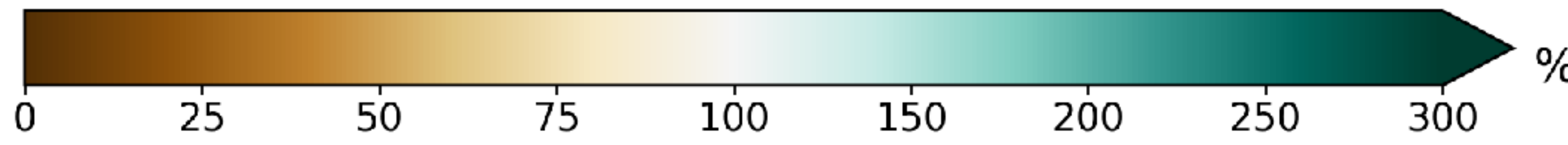
Past 14 Days Precipitation

Percent of Normal Precipitation - Past 14 Days (%)

Apr 16 2025



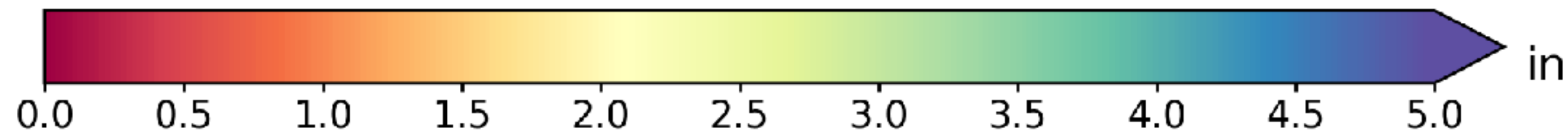
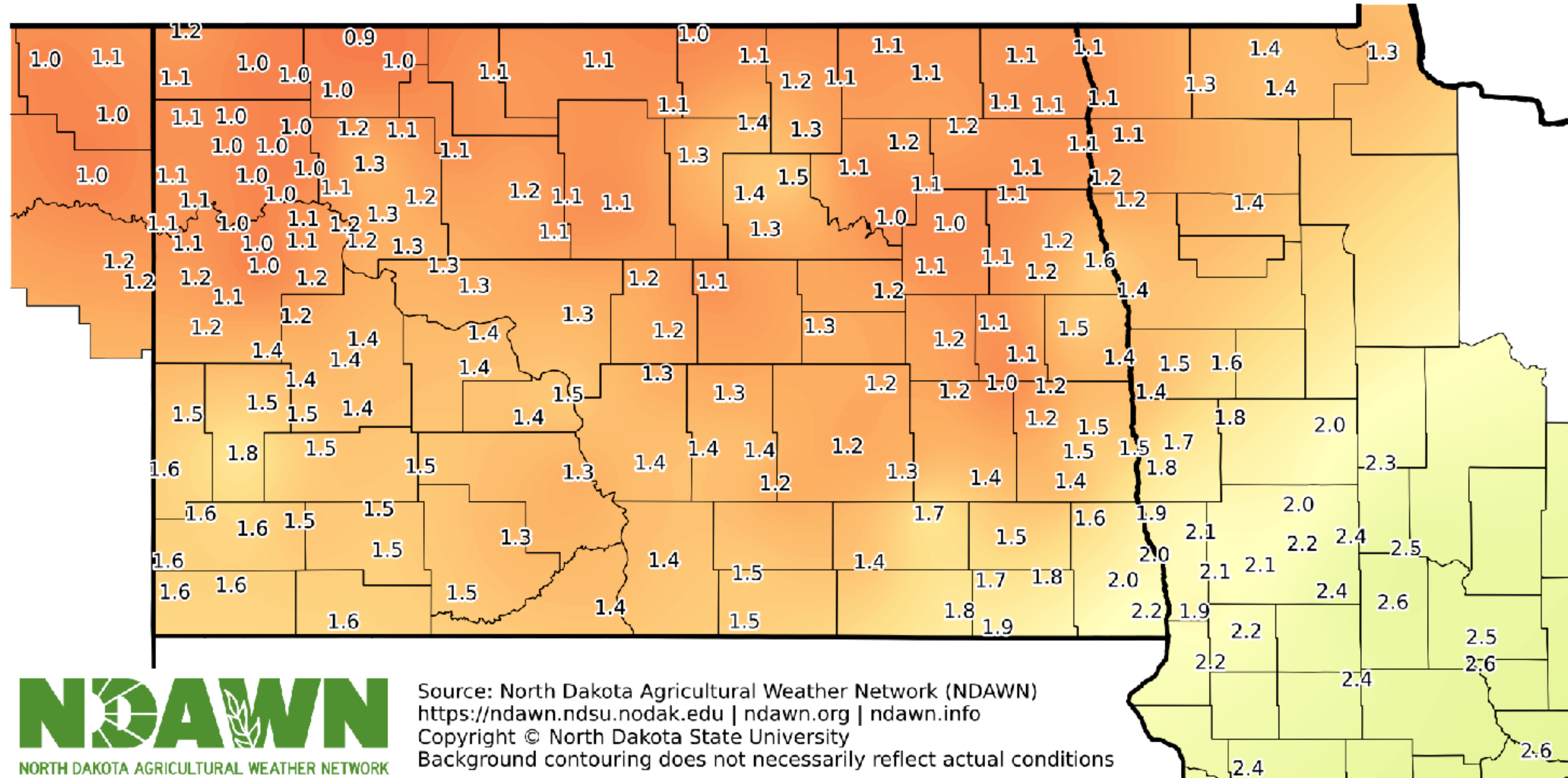
Source: North Dakota Agricultural Weather Network (NDAWN)
<https://ndawn.ndsu.nodak.edu> | ndawn.org | ndawn.info
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Background contouring does not necessarily reflect actual conditions



Past 14 Days Precipitation

April Total Precipitation (in)

1991-2020 Climate Normals

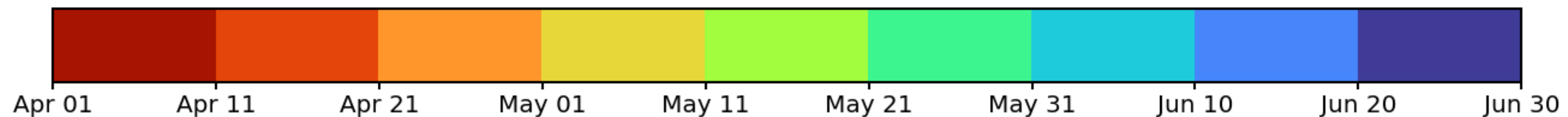
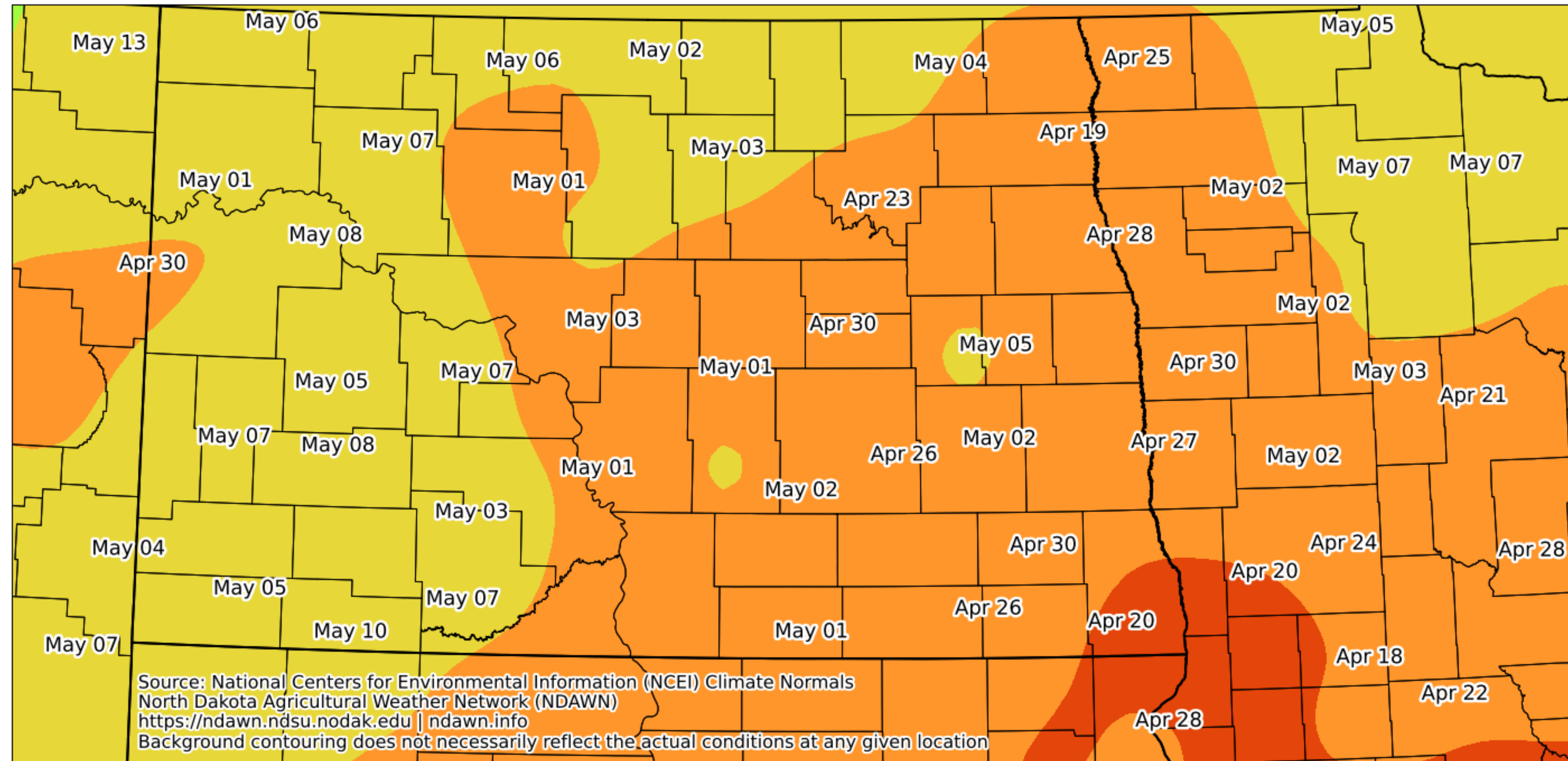


April Average Precipitation

Climatological Date of Early Last Freeze (32 ° F)

1991-2020 Climate Normals

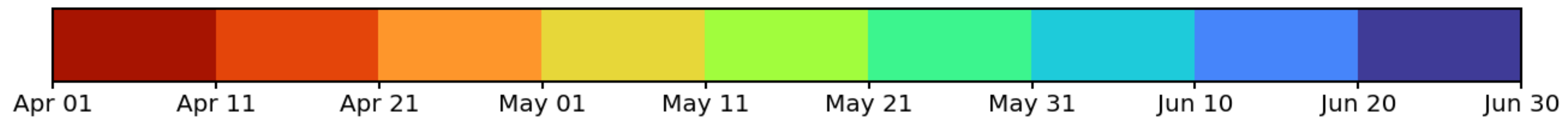
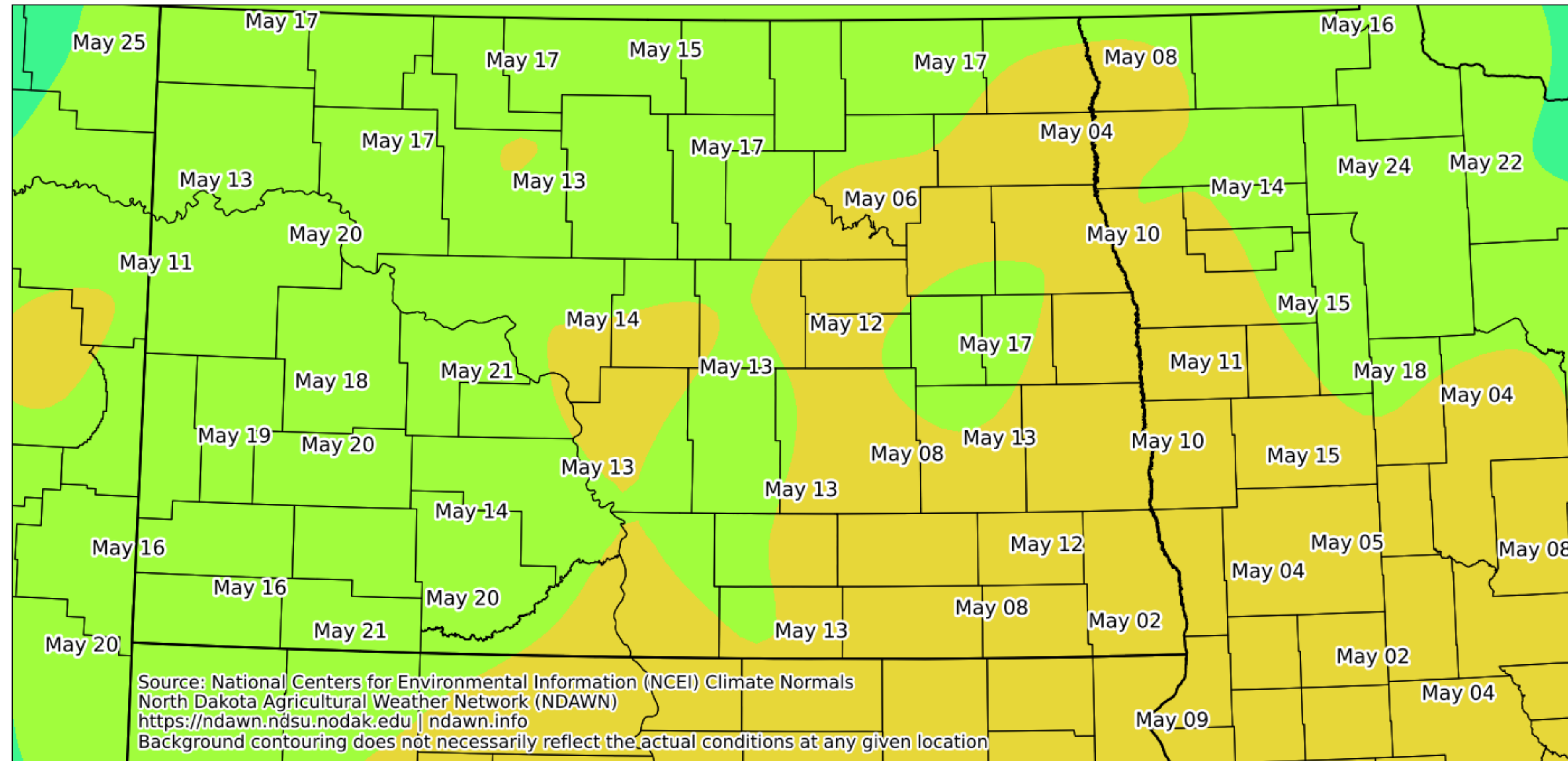
Early Defined as the 90th Percentile



Climatological Date of Median Last Freeze (32 ° F)

1991-2020 Climate Normals

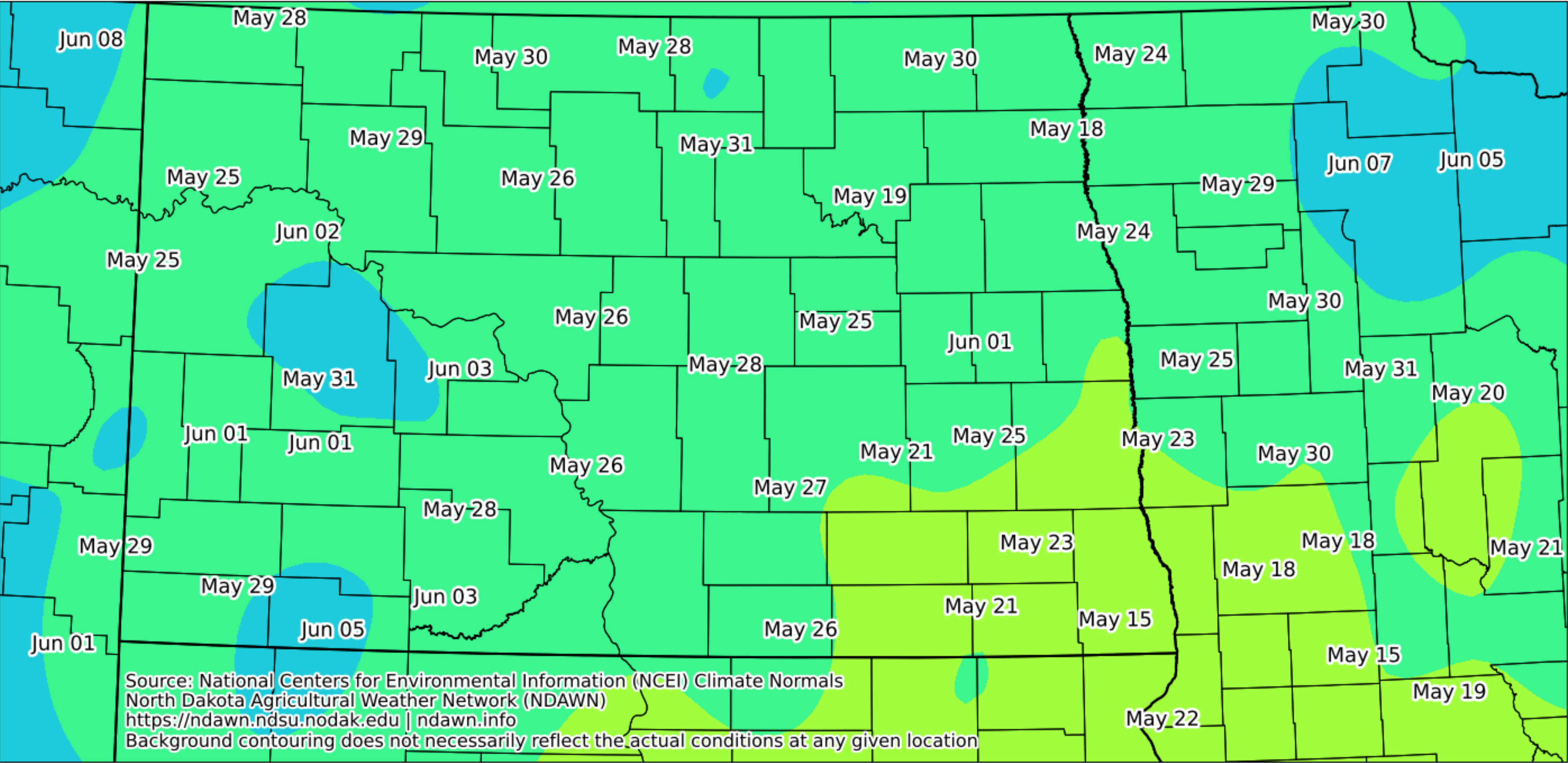
Median Defined as the 50th Percentile

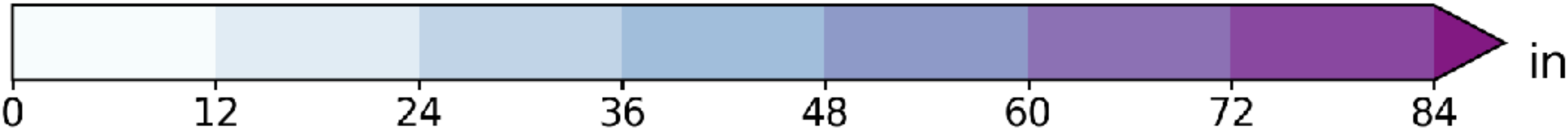
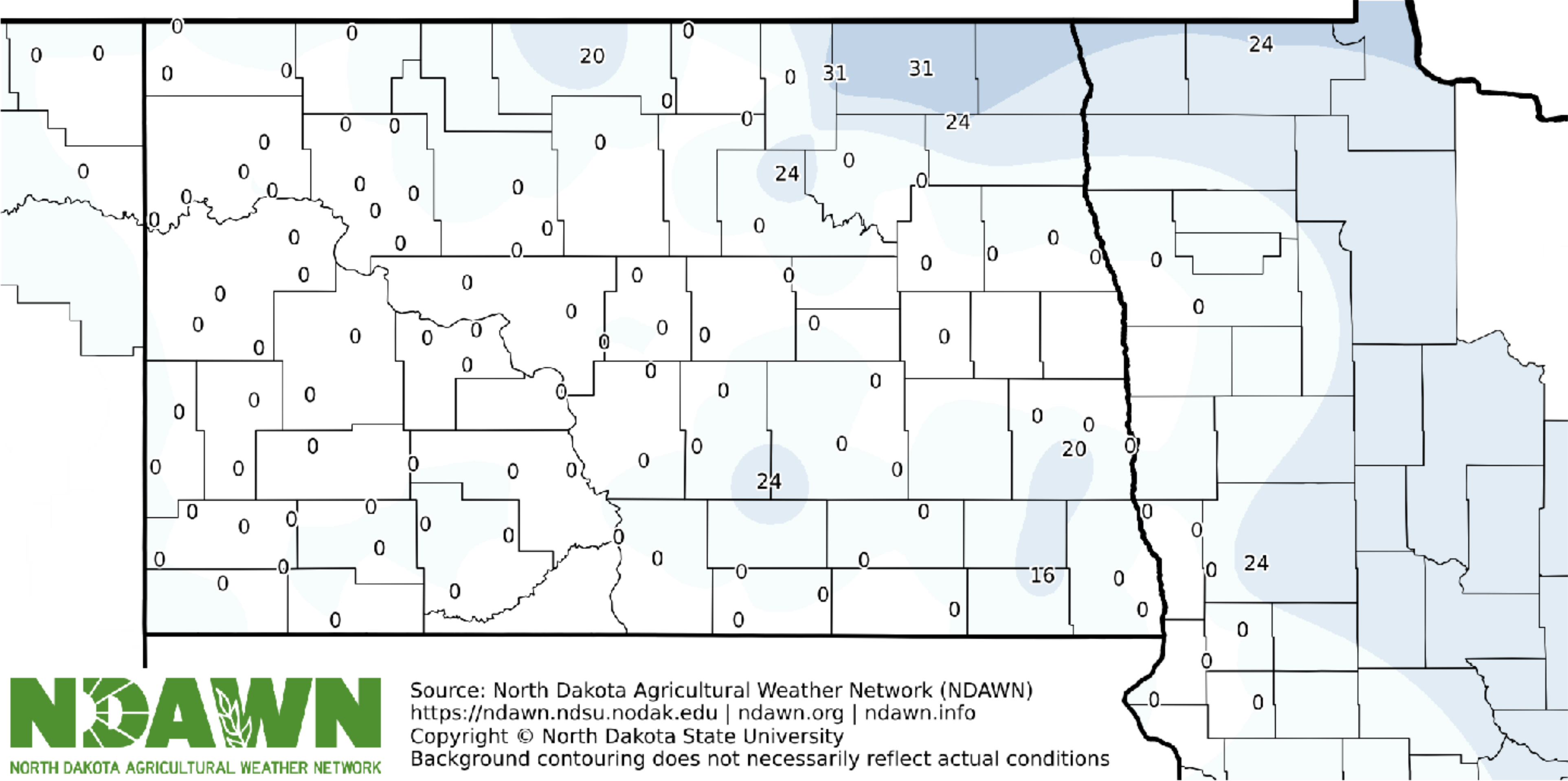


Climatological Date of Late Last Freeze (32 ° F)

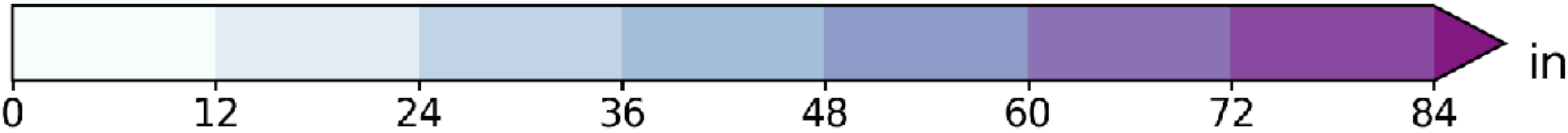
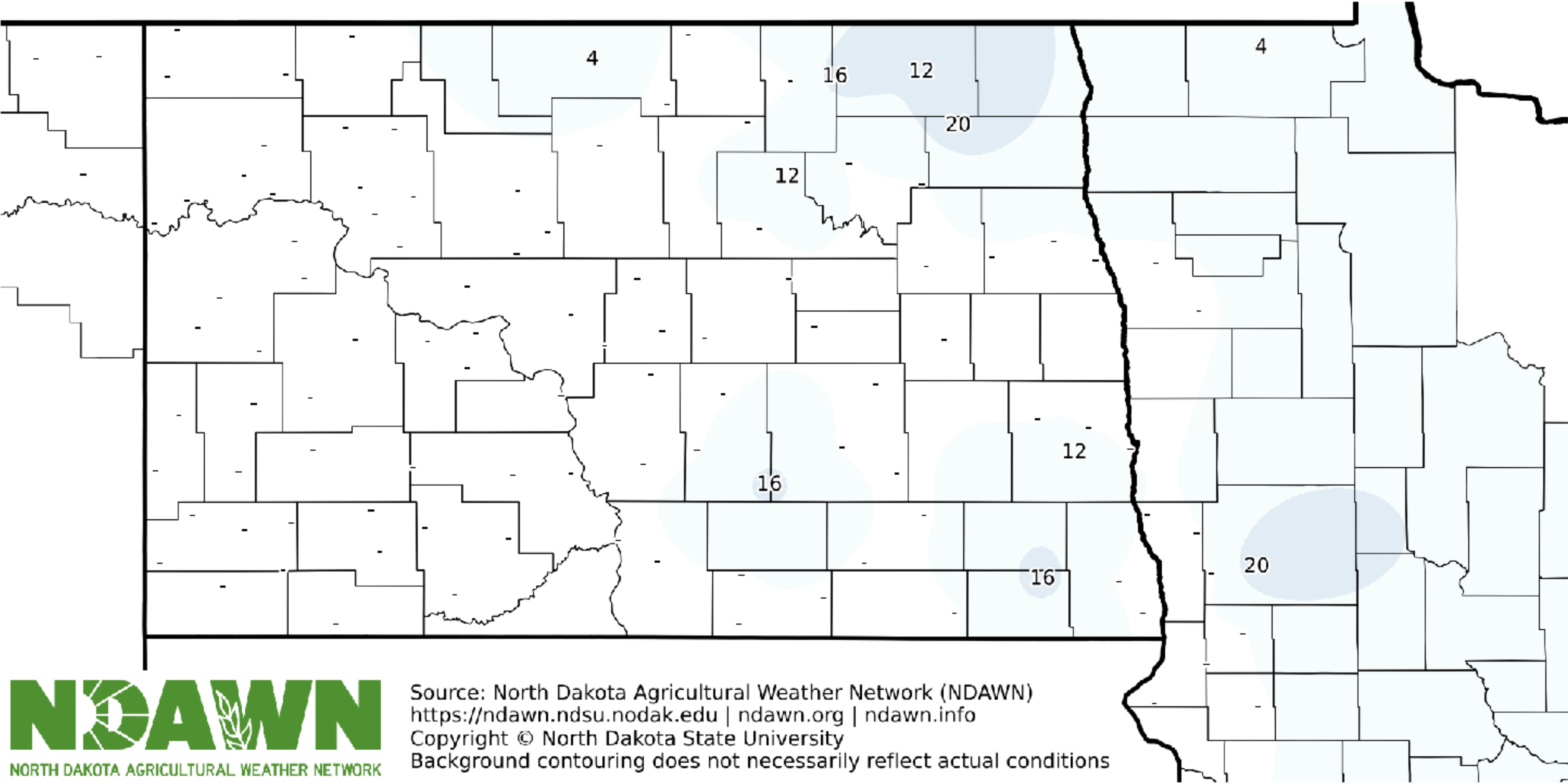
1991-2020 Climate Normals

Late Defined as the 10th Percentile

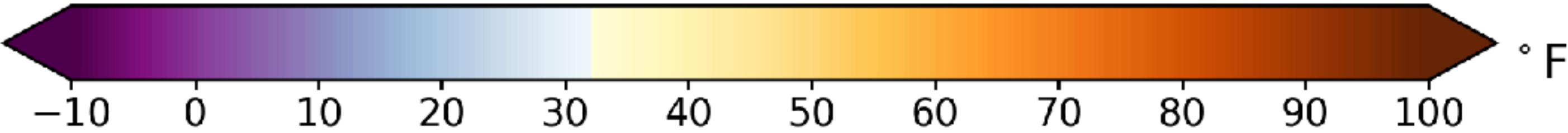
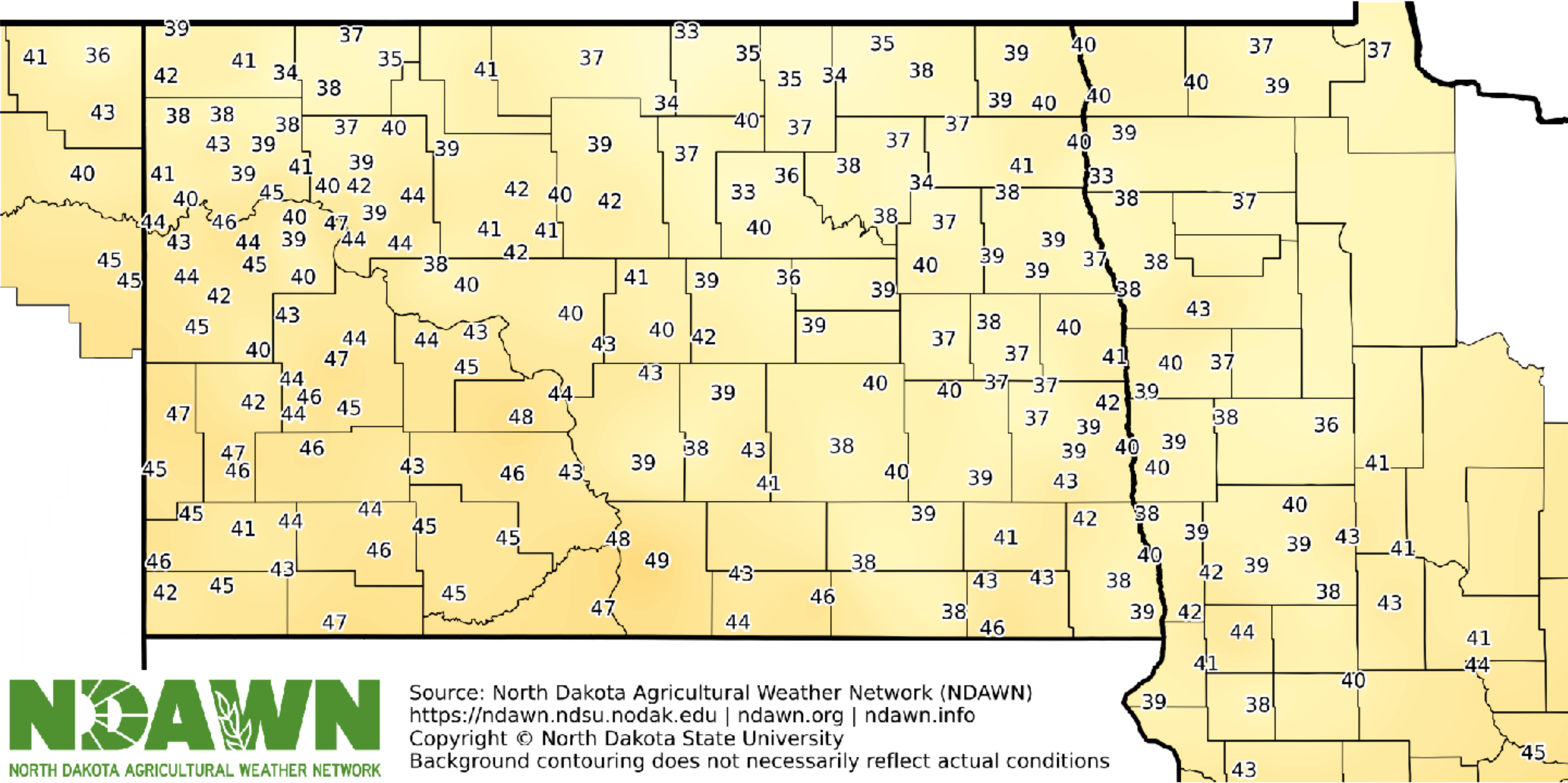




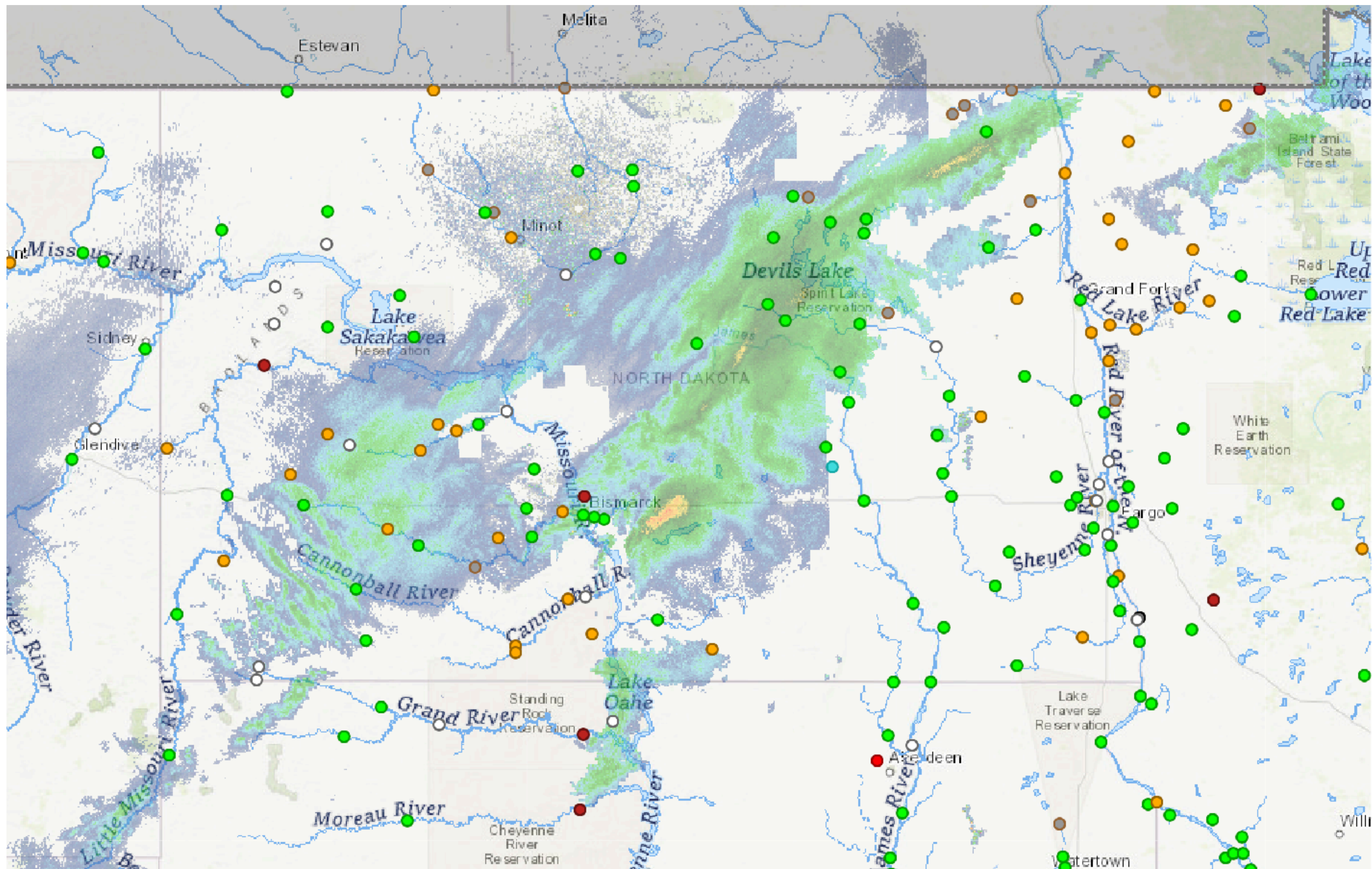
Frost Depth



Top of Frost Depth



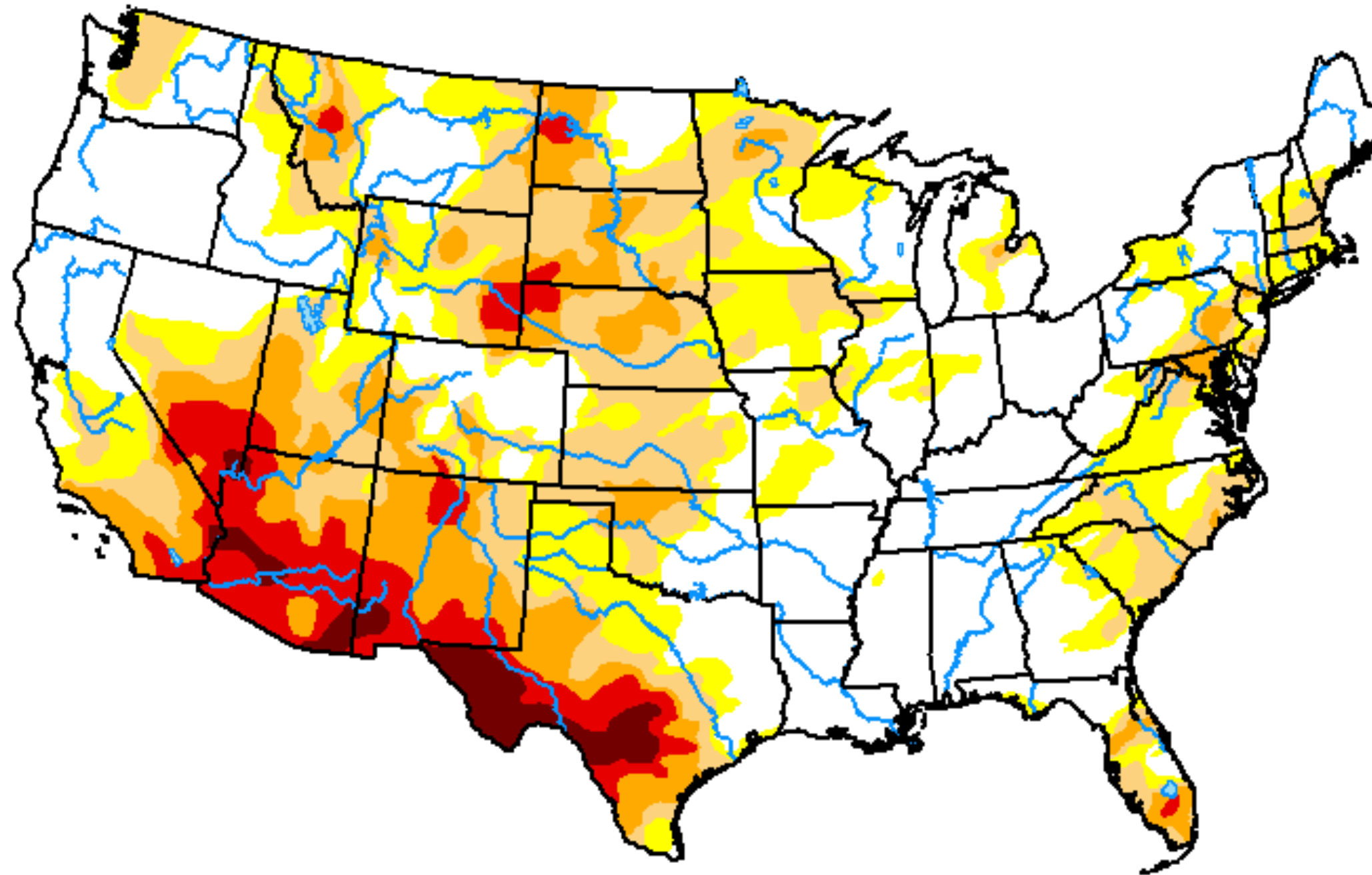
4 inch Bare Temperature



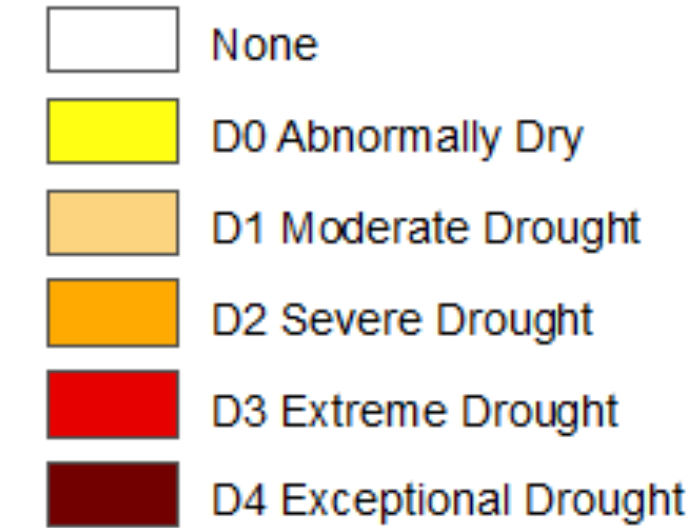
Stream Flows

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

April 15, 2025
(Released Thursday, Apr. 17, 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:

Curtis Riganti
National Drought Mitigation Center

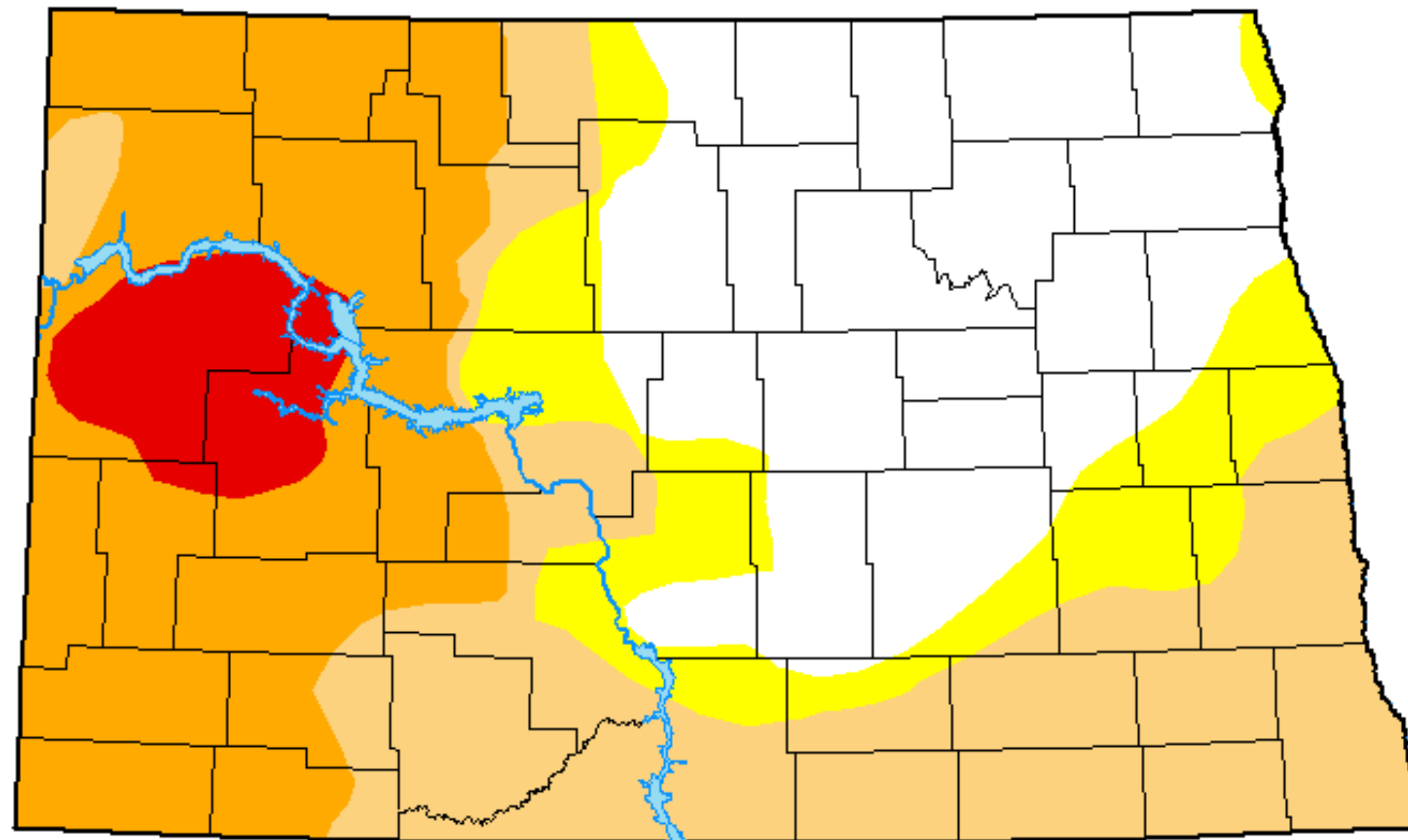


droughtmonitor.unl.edu







Current Drought Monitor

U.S. Drought Monitor
North Dakota

April 15, 2025
(Released Thursday, Apr. 17, 2025)
Valid 8 a.m. EDT



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 <http://droughtmonitor.unl.edu/About.aspx>

Author:

Curtis Riganti
National Drought Mitigation Center



droughtmonitor.unl.edu

Current Drought Monitor

Drought Classification

None

D0 (Abnormally Dry)

D1 (Moderate Drought)

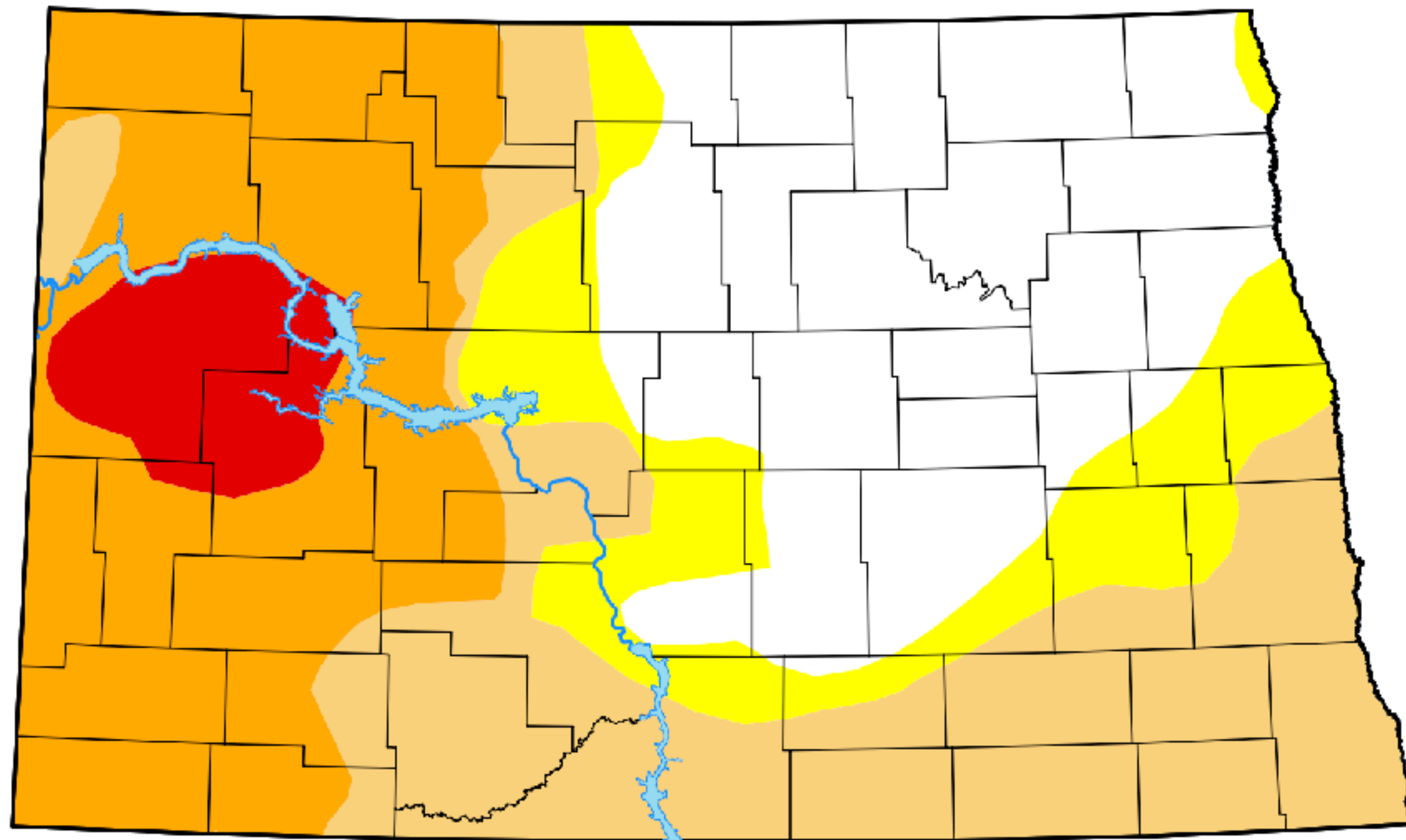
D2 (Severe Drought)

D3 (Extreme Drought)

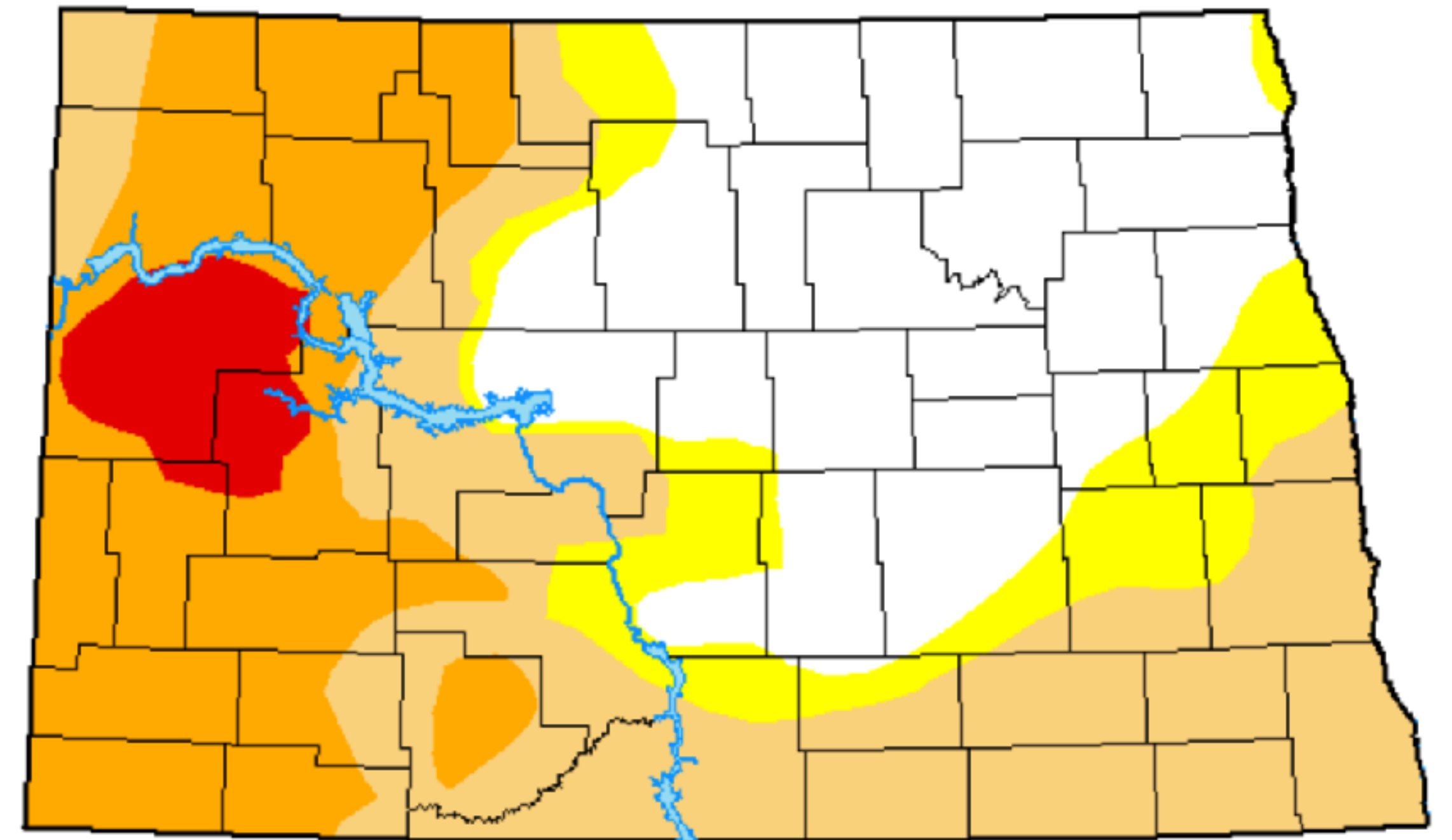
D4 (Exceptional Drought)

No Data

April 17



April 3



Two Week Comparison

Week	Date	None	D0-D4	D1-D4	D2-D4	D3-D4	D4	<u>DSCI</u>
Current	2025-04-15	30.39	69.61	57.15	30.68	5.11	0.00	163
Last Week to Current	2025-04-08	30.39	69.61	57.15	30.68	5.11	0.00	163
3 Months Ago to Current	2025-01-14	32.88	67.12	54.92	28.78	12.99	0.00	164
Start of Calendar Year to Current	2024-12-31	32.88	67.12	54.92	28.78	12.99	0.00	164
Start of Water Year to Current	2024-10-01	47.89	52.11	25.17	12.68	3.39	0.00	93
One Year Ago to Current	2024-04-16	50.88	49.12	16.80	5.30	0.00	0.00	71

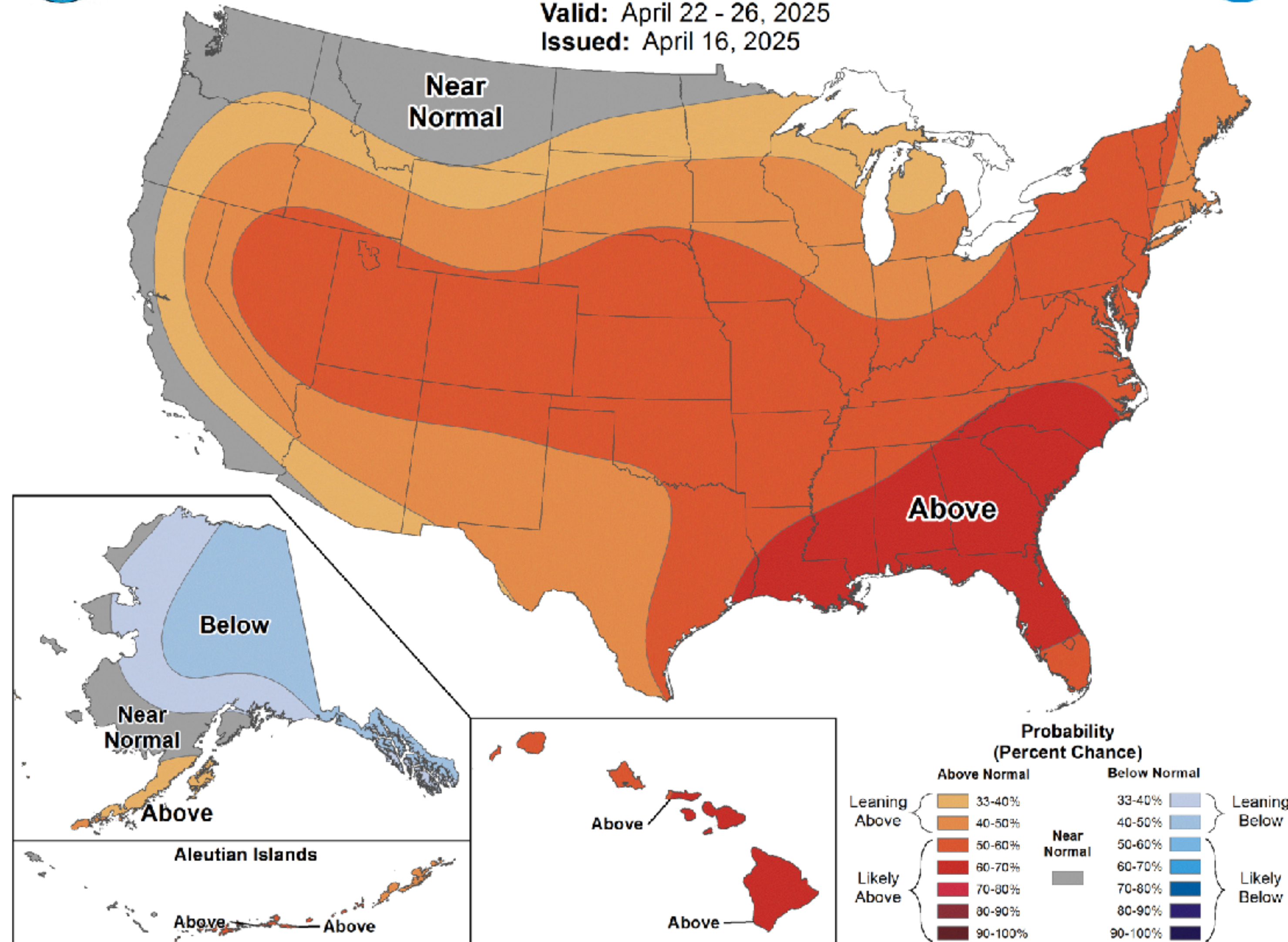
North Dakota Categorical Percent



6-10 Day Temperature Outlook



Valid: April 22 - 26, 2025
Issued: April 16, 2025



6-10 Day Outlook

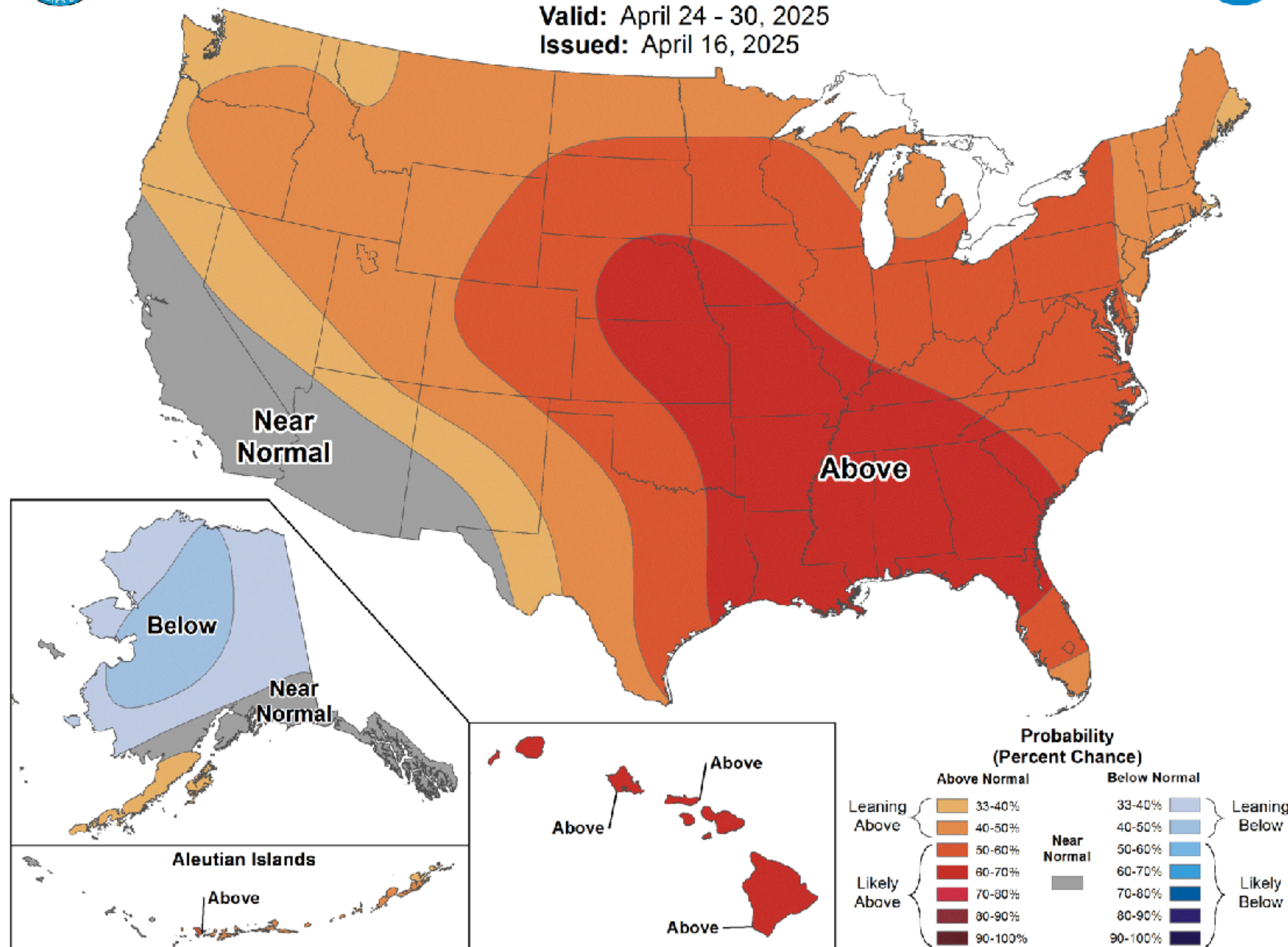


8-14 Day Temperature Outlook



Valid: April 24 - 30, 2025

Issued: April 16, 2025



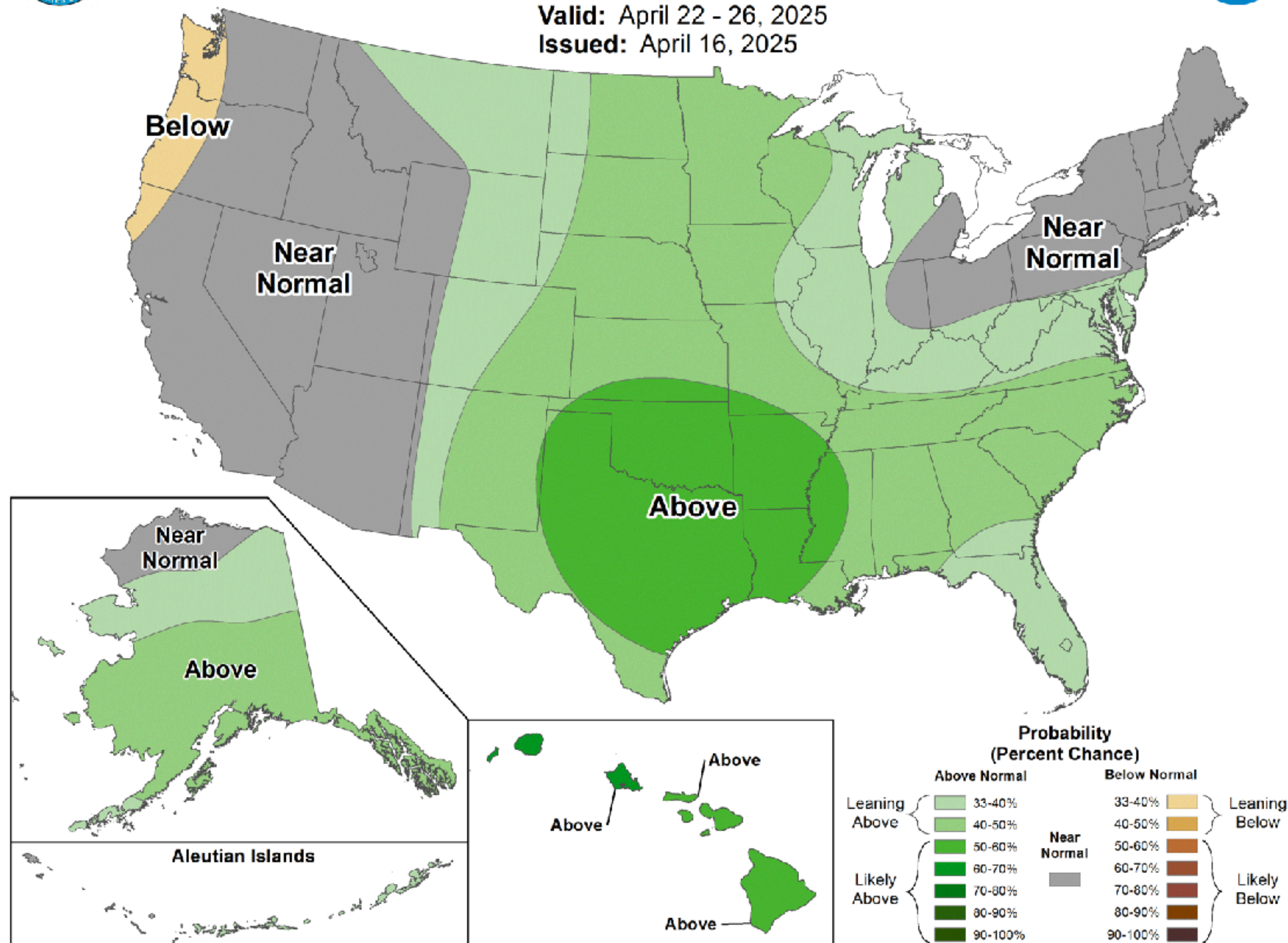
8-14 Day Outlook



6-10 Day Precipitation Outlook



Valid: April 22 - 26, 2025
Issued: April 16, 2025



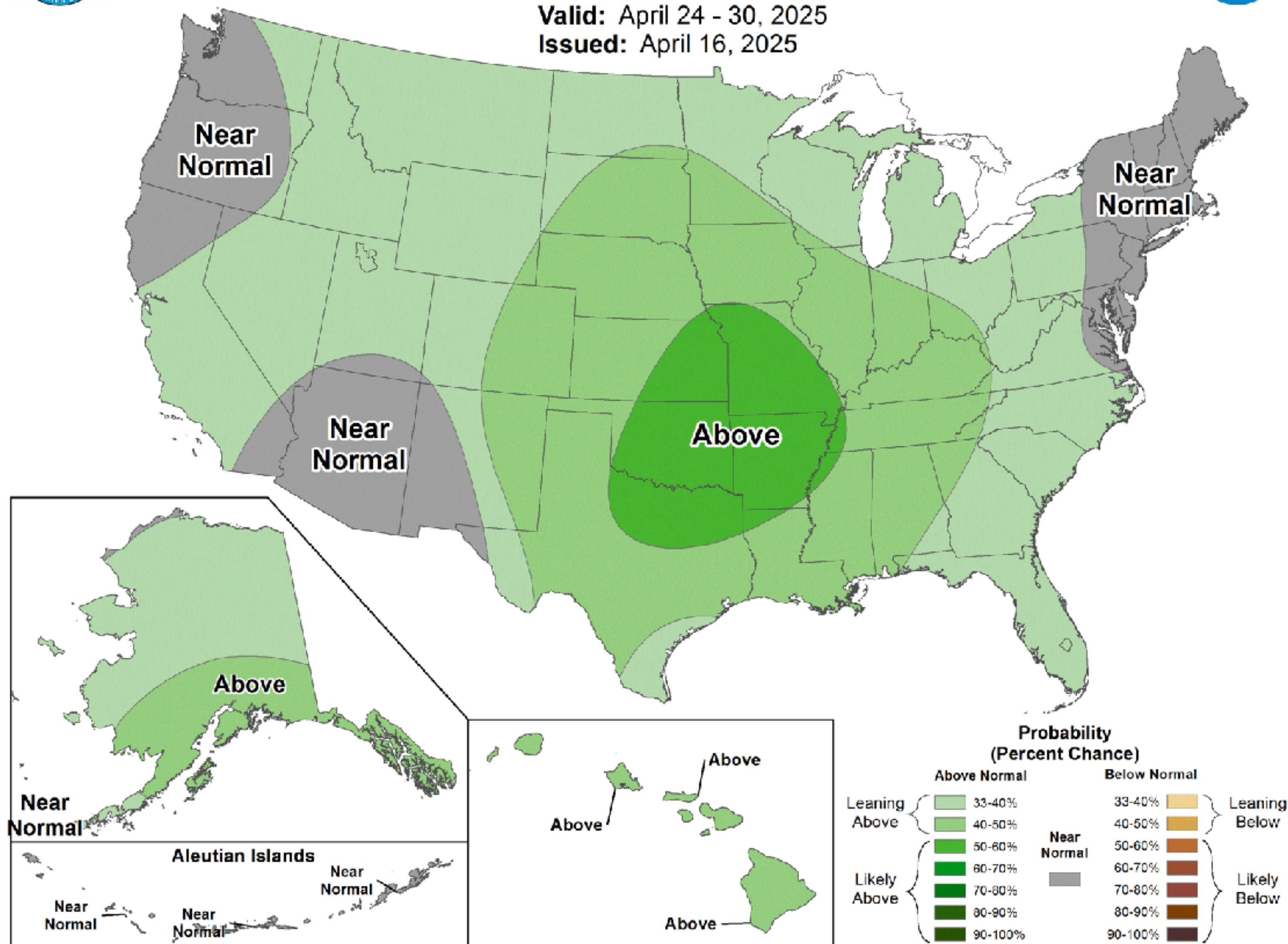
6-10 Day Outlook



8-14 Day Precipitation Outlook



Valid: April 24 - 30, 2025
Issued: April 16, 2025



8-14 Day Outlook

Summary

Weekend Looks Dry

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Several Chances of Rain Next Week/Beyond

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Fluctuating Temperatures Continuing

Weekend Looks Dry

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Fluctuating Temperatures Continuing

Fire Risk Lessens, but Still a Concern

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Several Chances of Rain Next Week/Beyond

Fluctuating Temperatures Continuing

Fire Risk Lessens, but Still a Concern

Drought Conditions: No Major Changes in Next Few Weeks