

North Dakota Bi-Weekly Drought Update

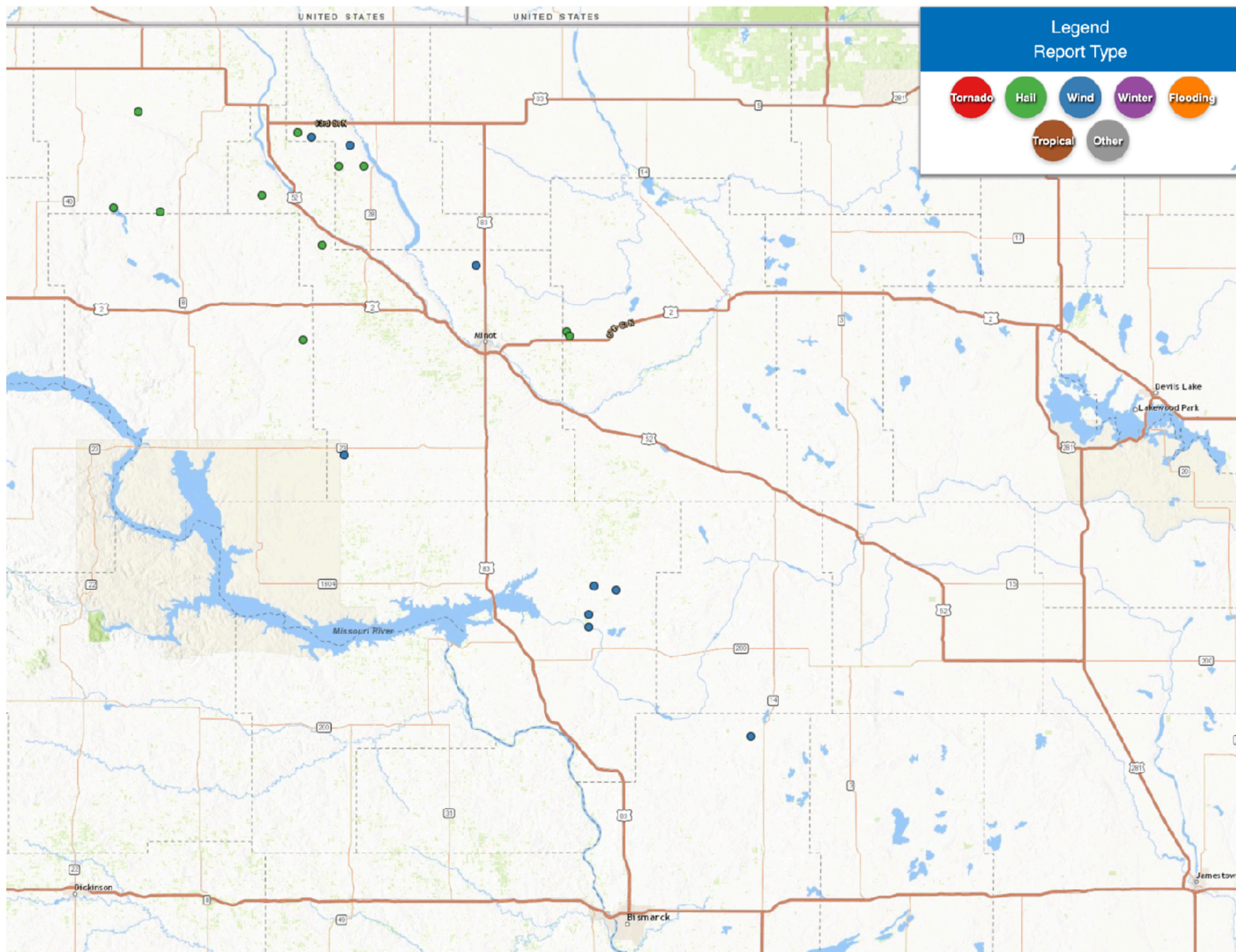
Daryl Ritchison, August 8, 2024

West

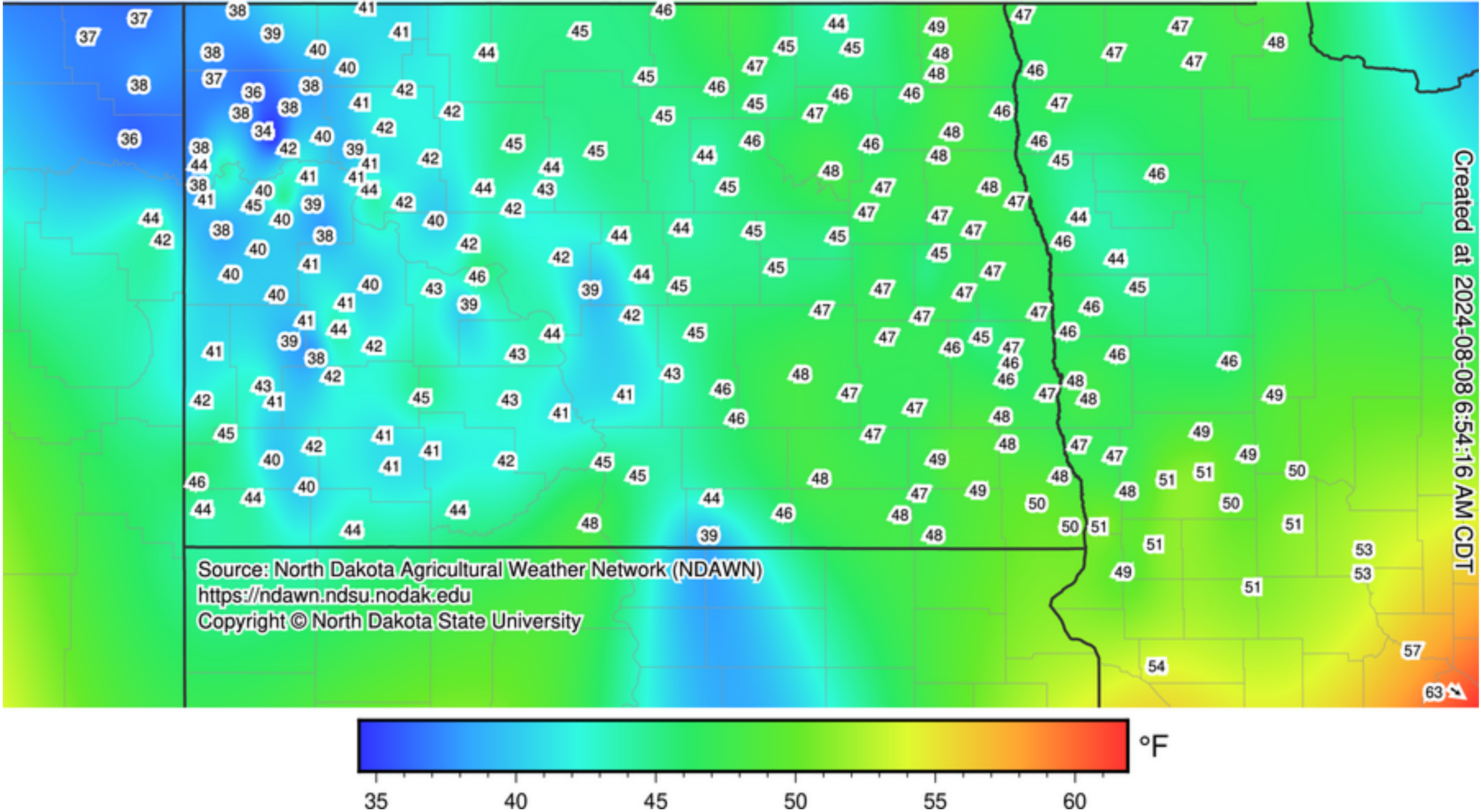


NDAWN Battleview

08/06/2024 07:15:16 PM

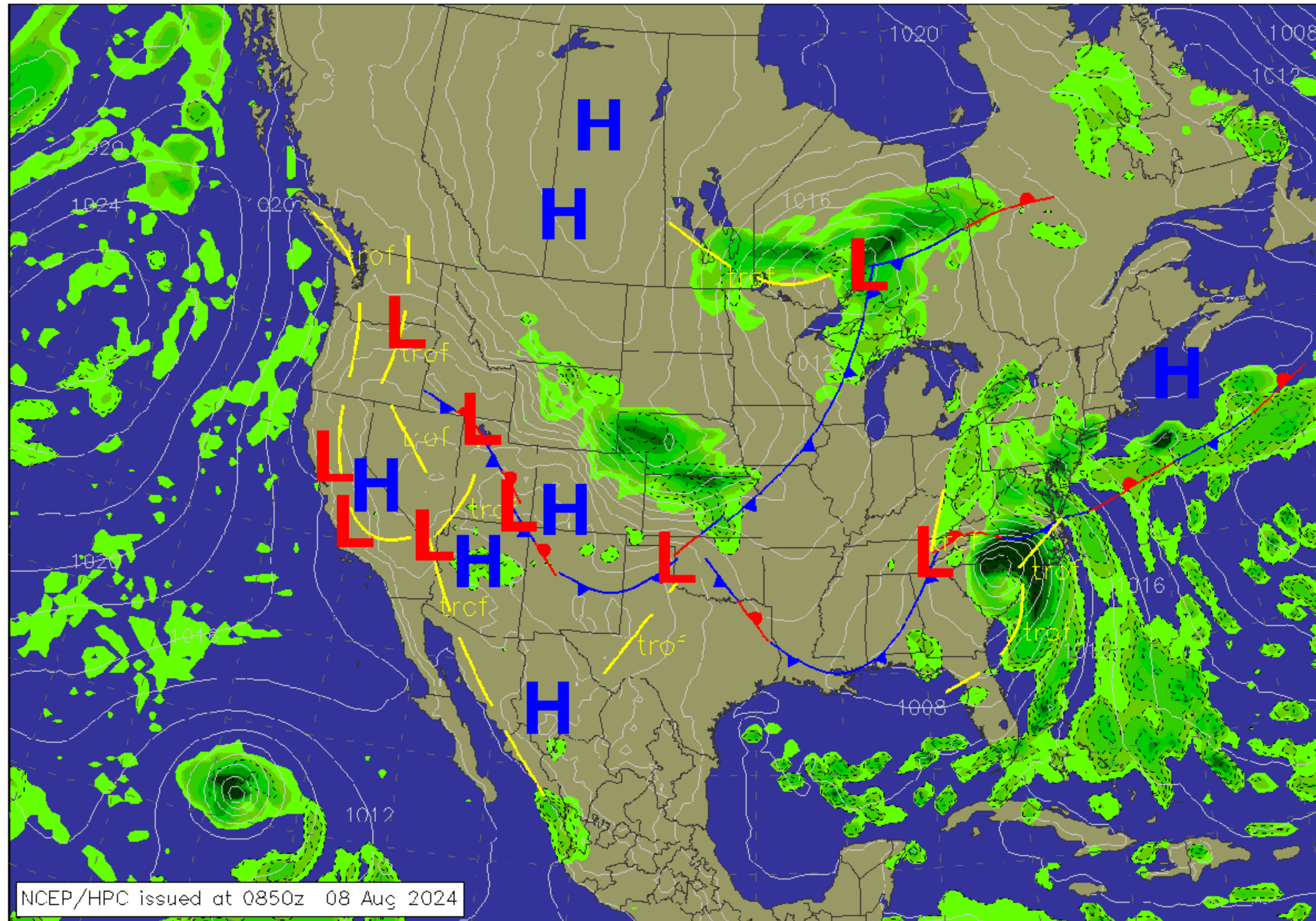


Today's Minimum Air Temperature (°F)

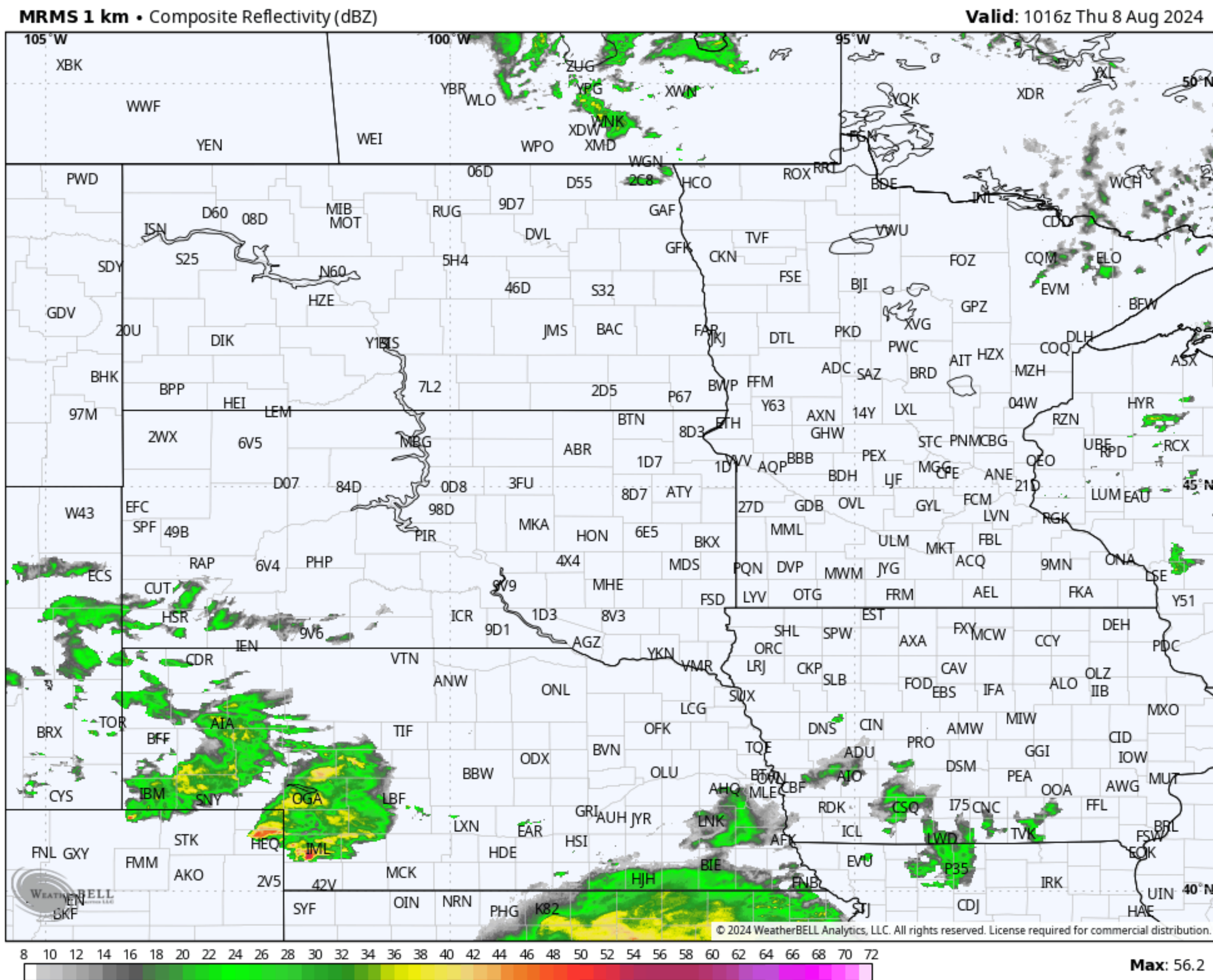


Minimums this Morning

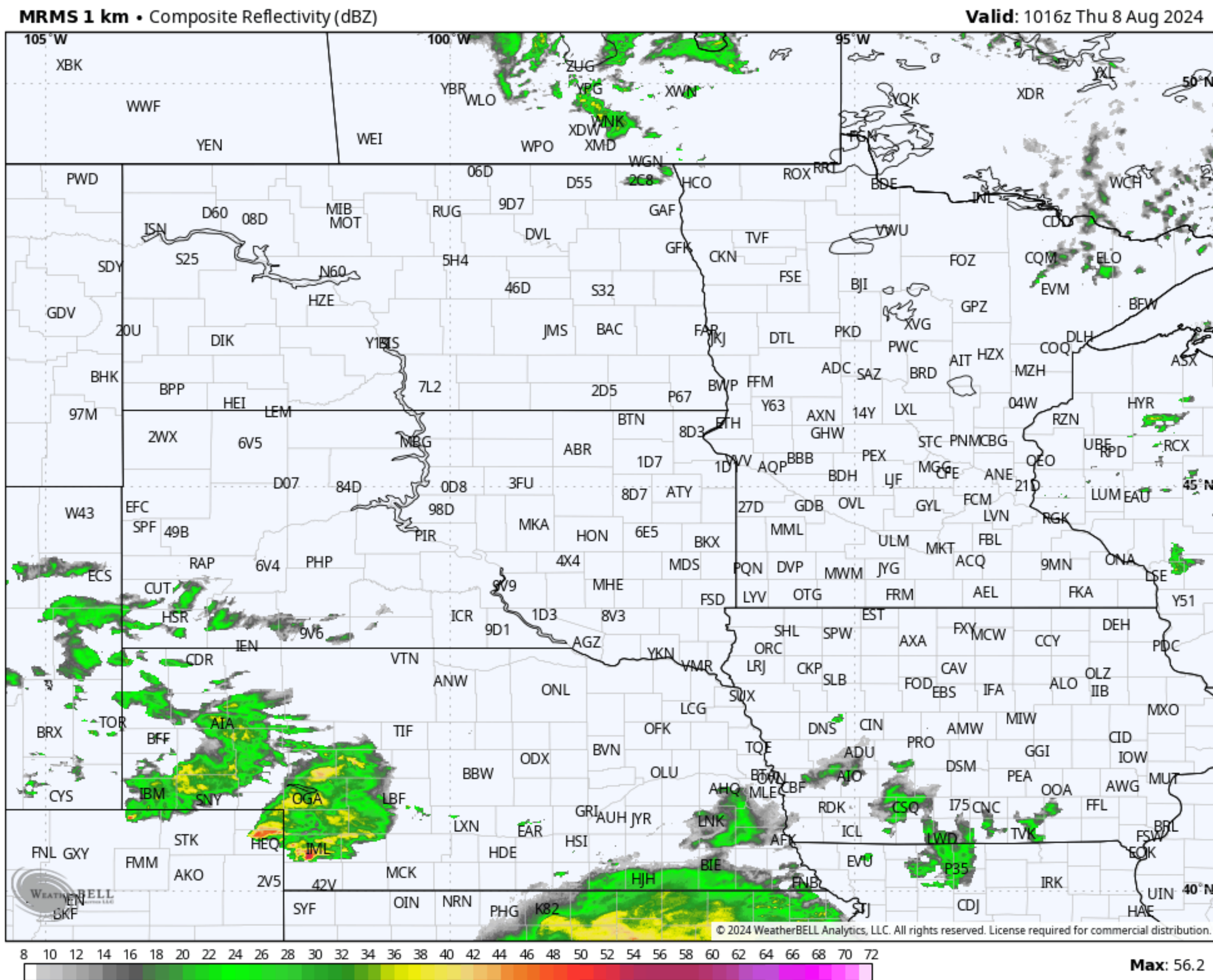
12 hr forecast valid 1800 UTC Thu 08 Aug 2024



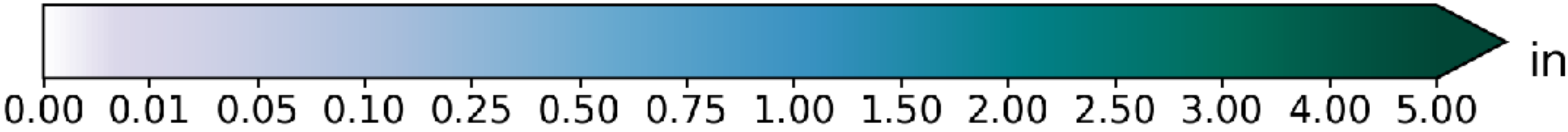
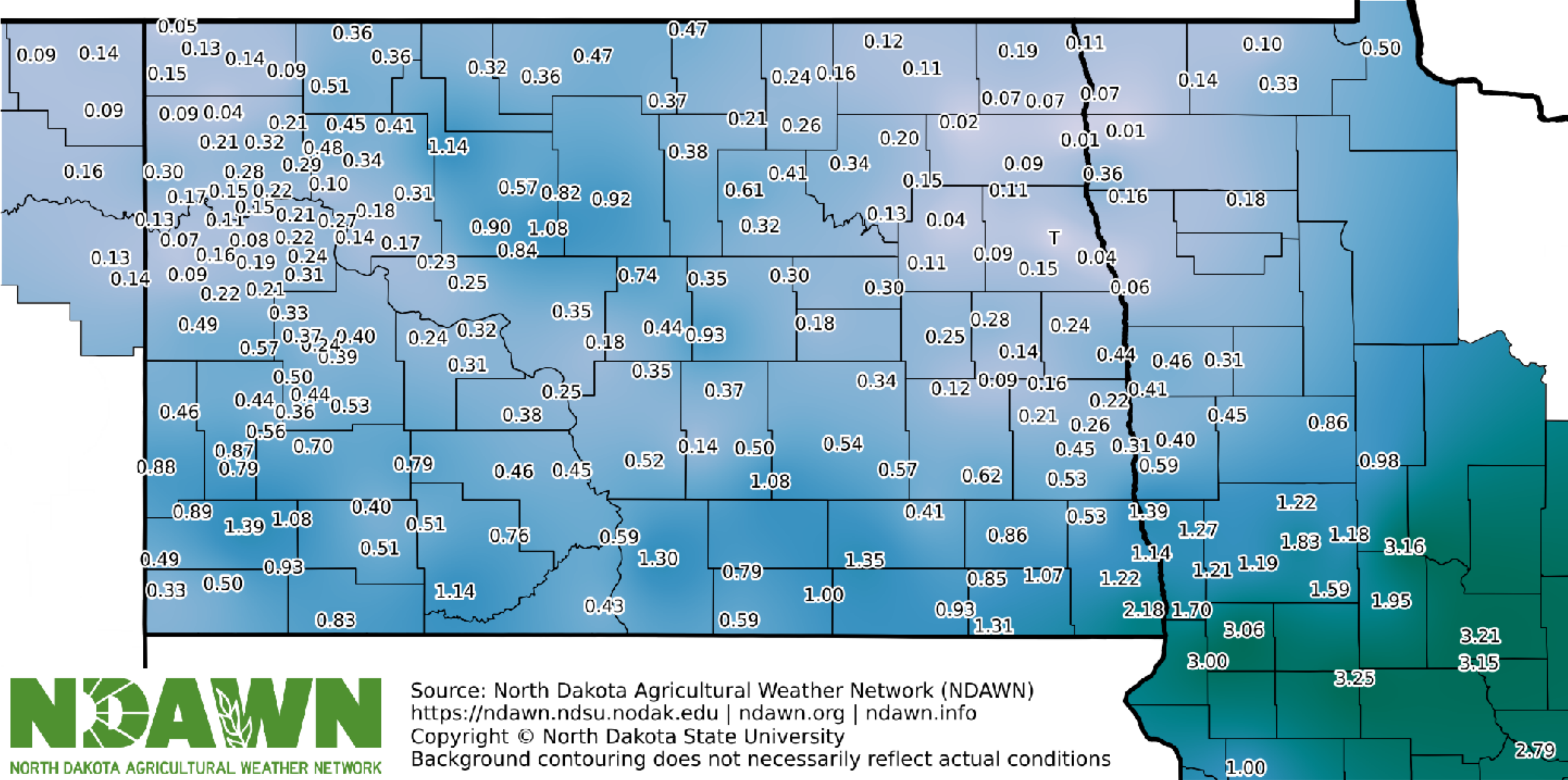
National Surface Map



Radar This Morning



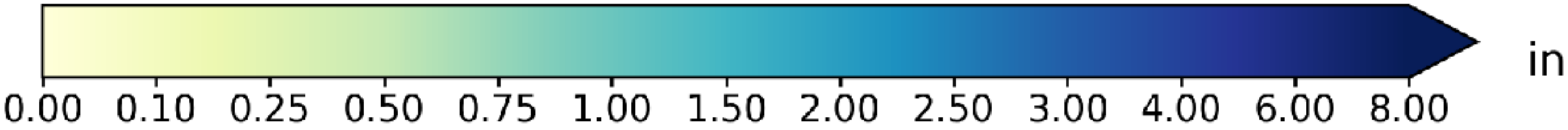
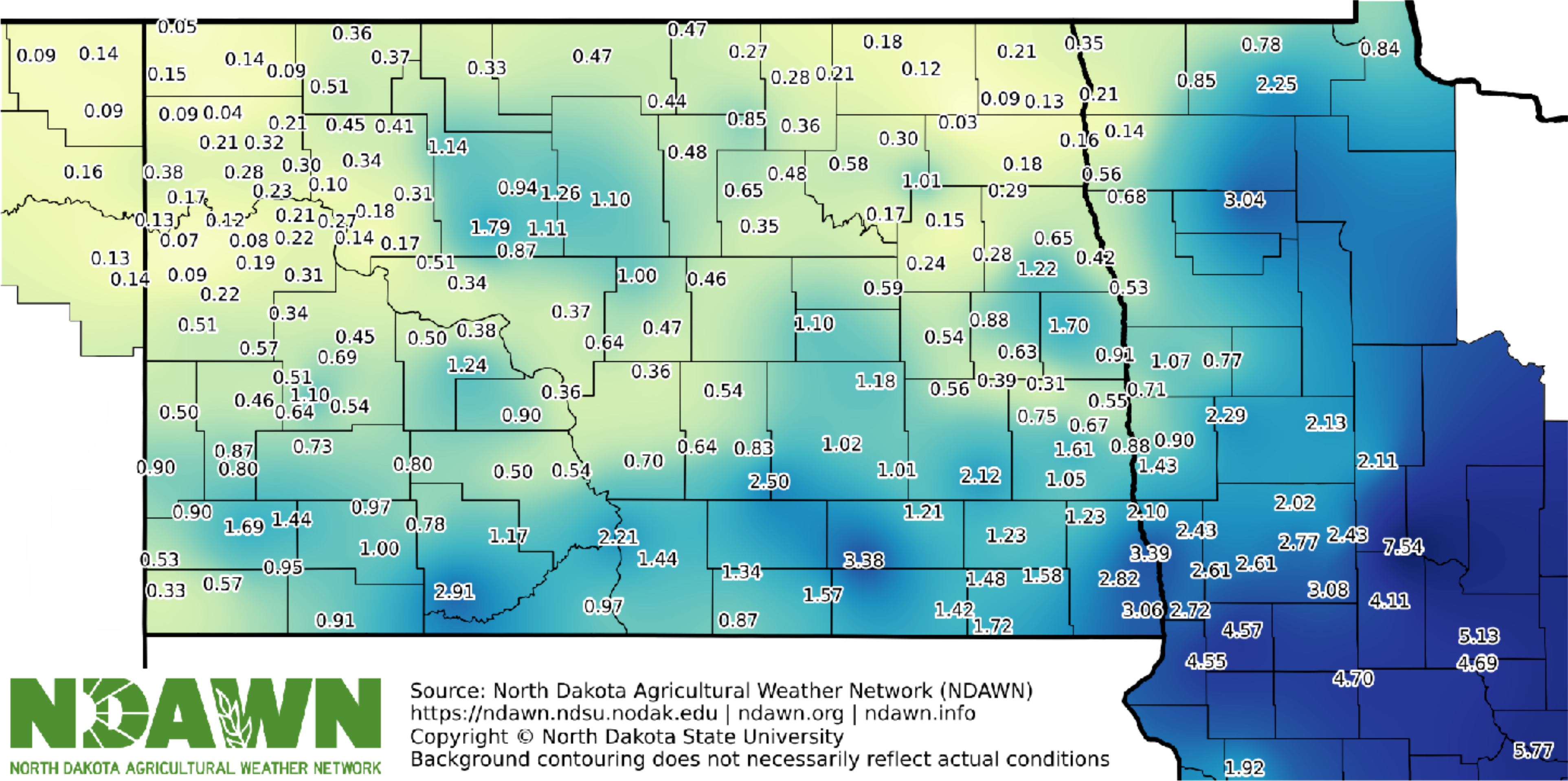
Radar This Morning



7 Day Rainfall

Total Precipitation - Past 14 Days

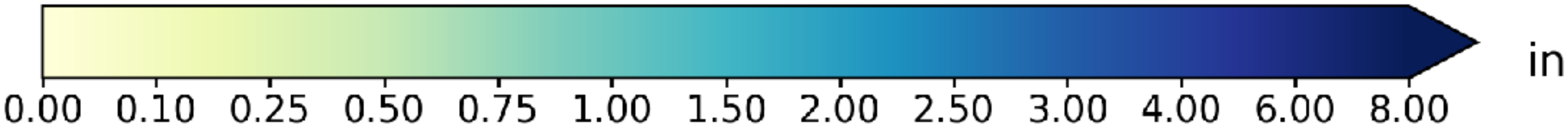
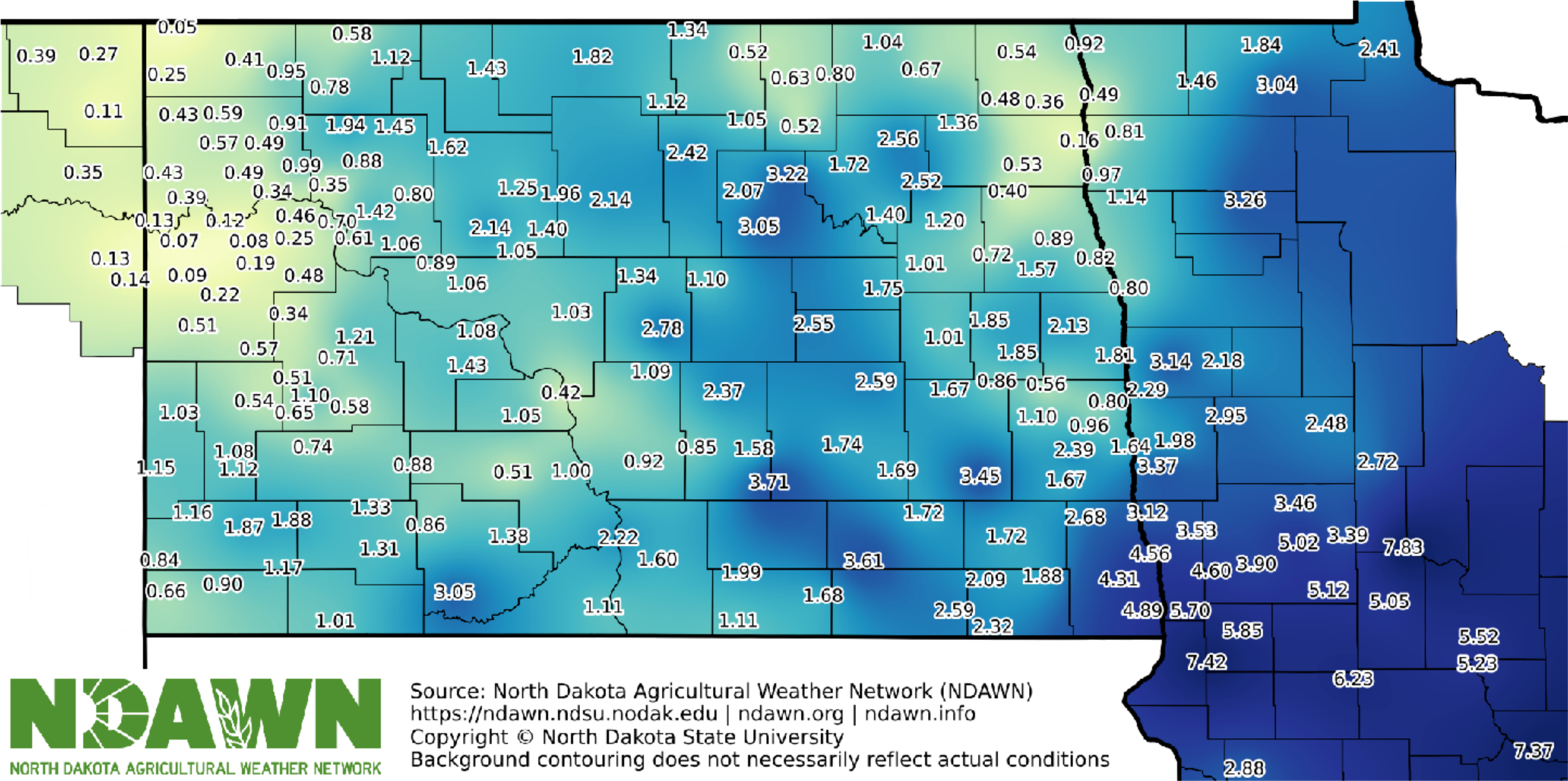
Aug 07 2024



Two-Week Rain Totals

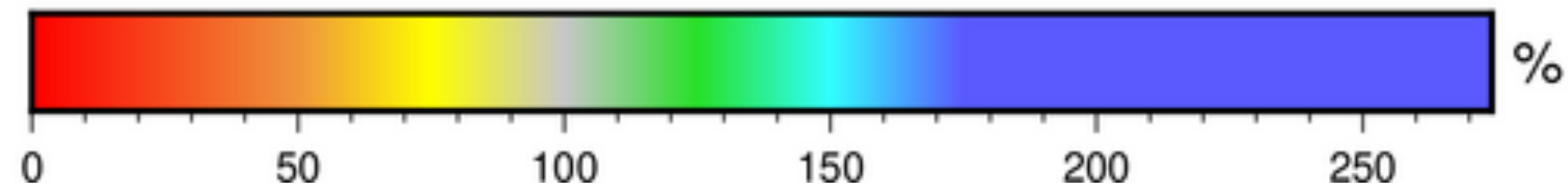
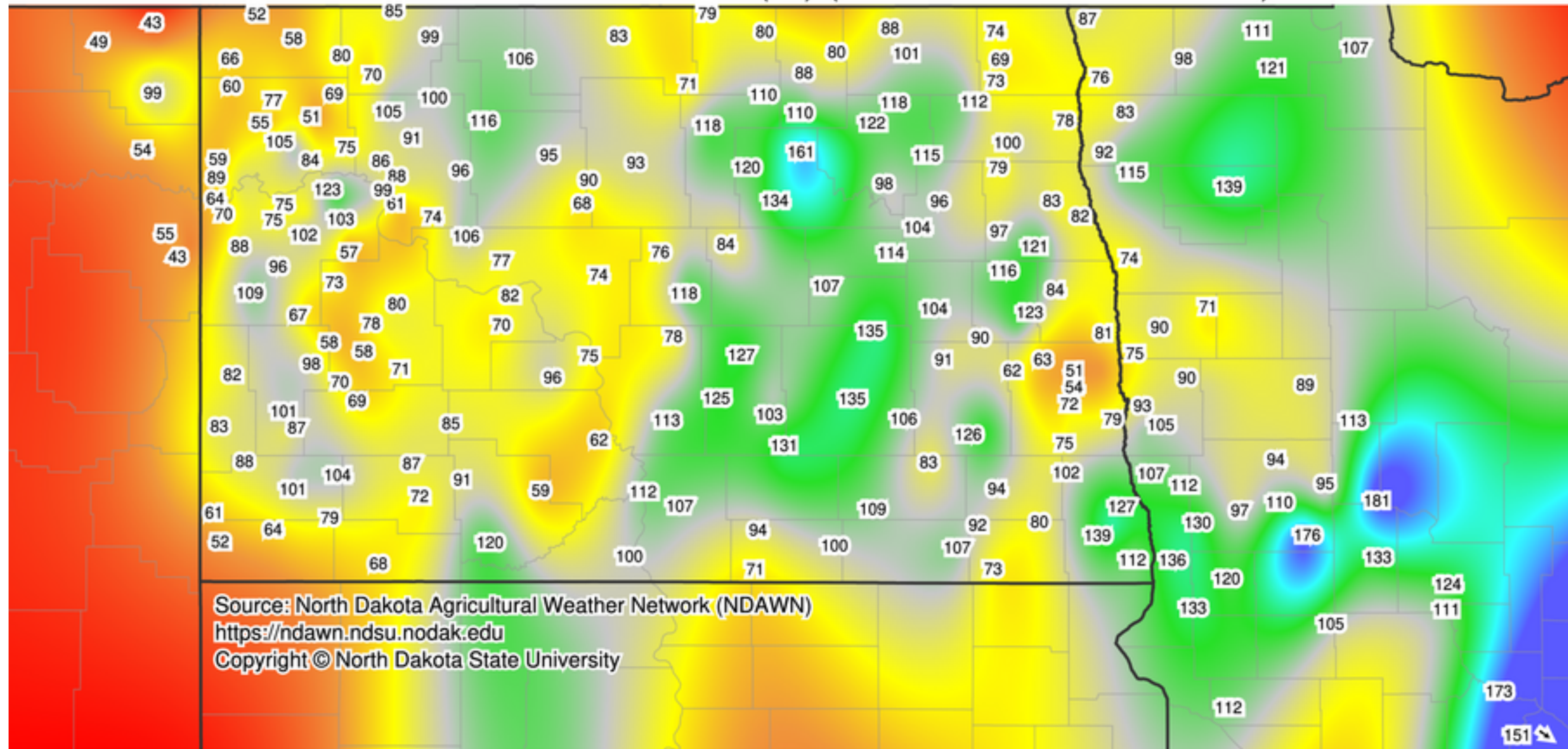
Total Precipitation - Past 30 Days

Aug 07 2024



Past 30 Days Rain

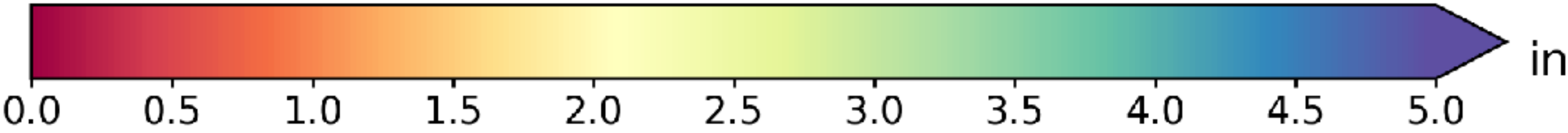
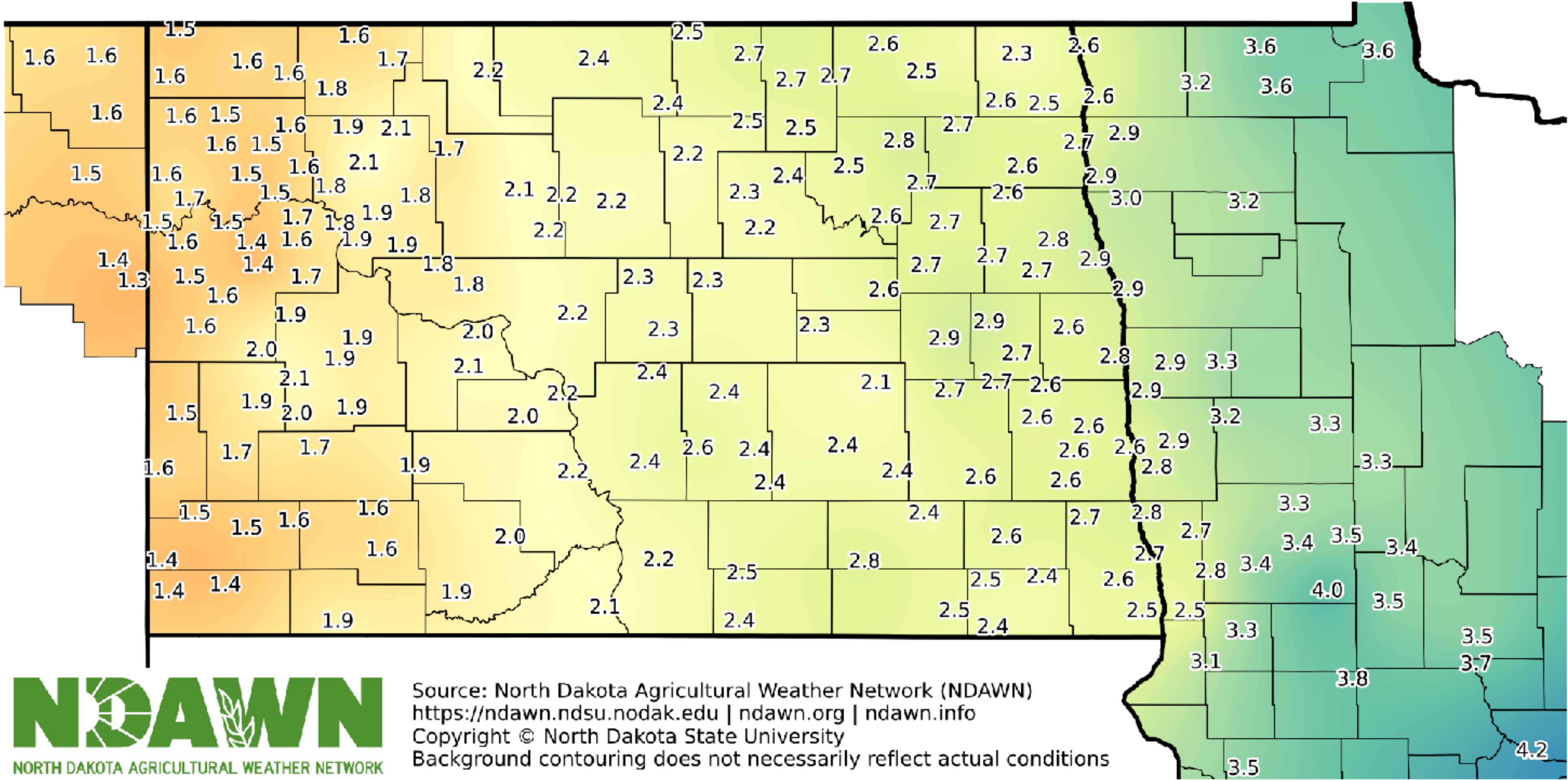
Percent of Normal Rainfall (%) (2024-06-01 - 2024-08-07)



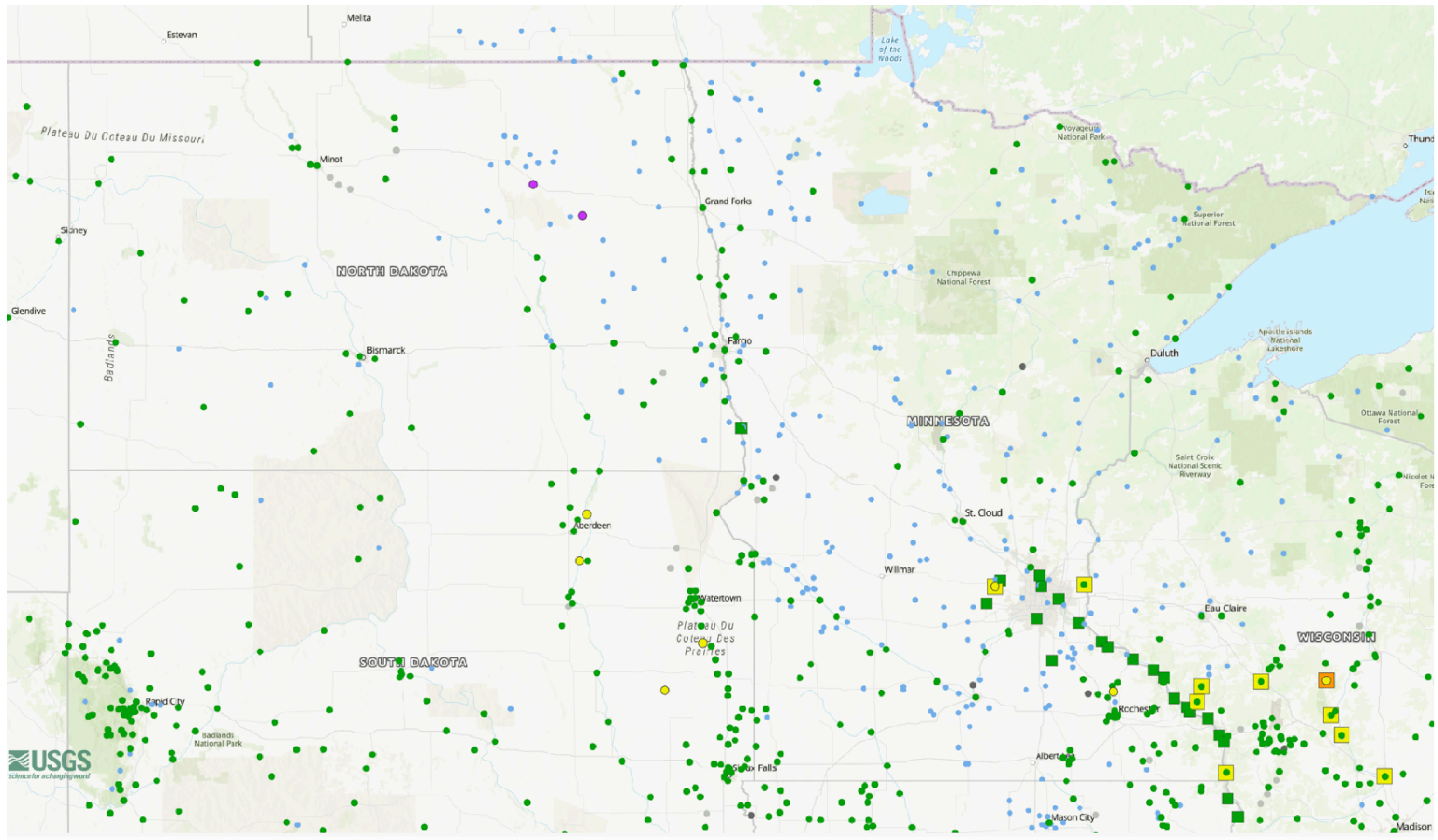
Percent of Average Since June 1, 2024

August Total Precipitation (in)

1991-2020 Climate Normals



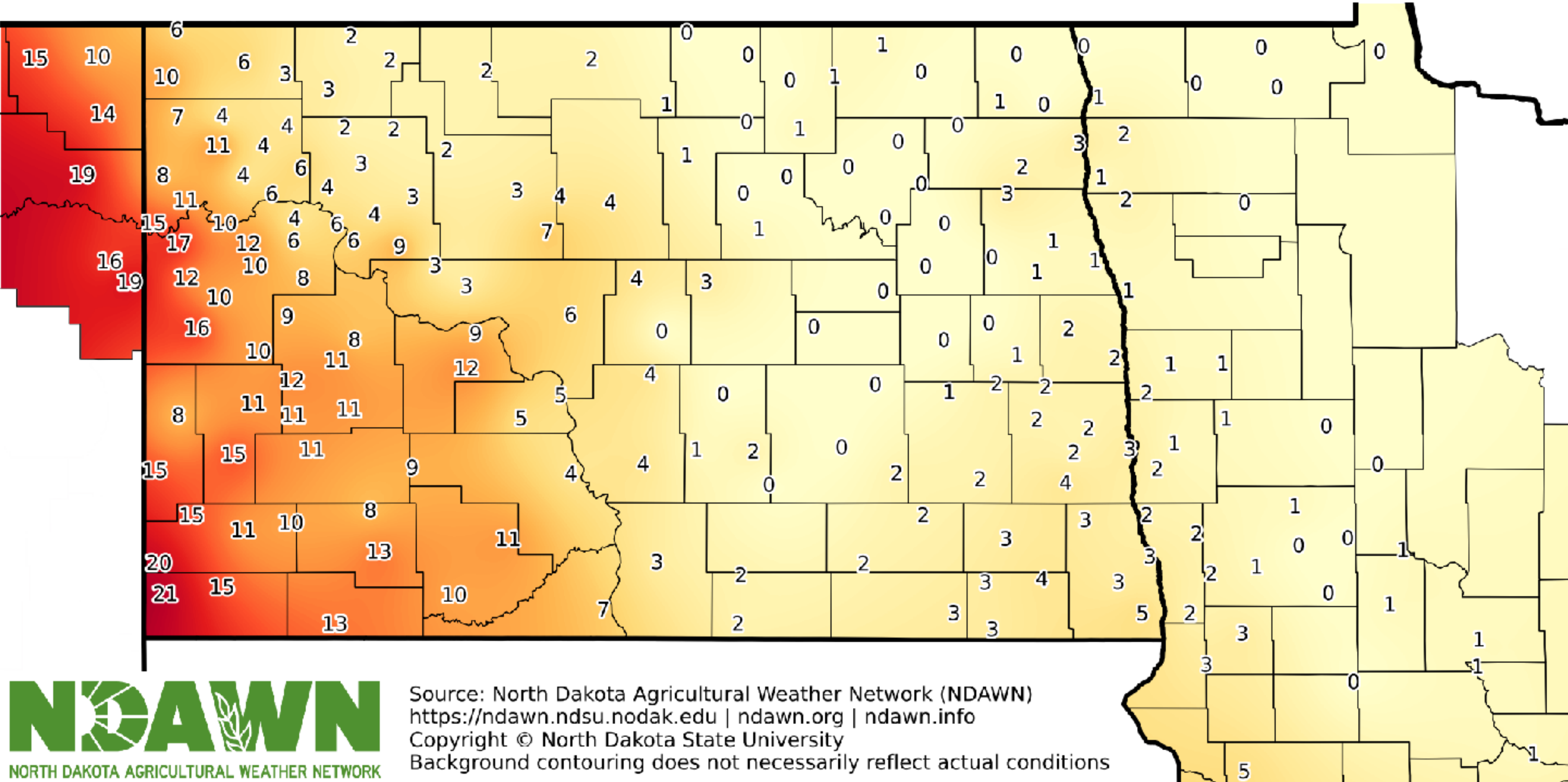
August Average Rainfall



Stream Flows

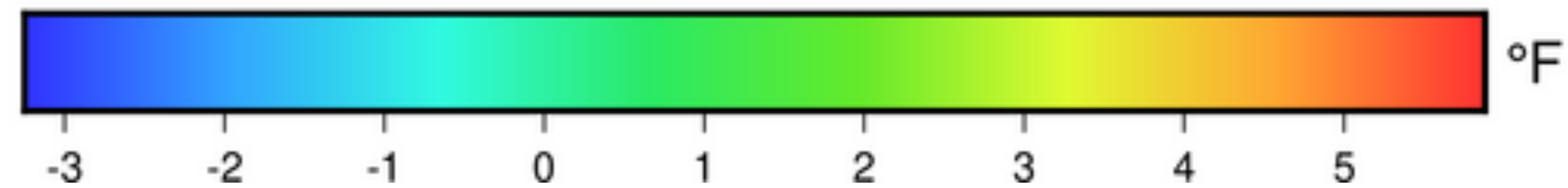
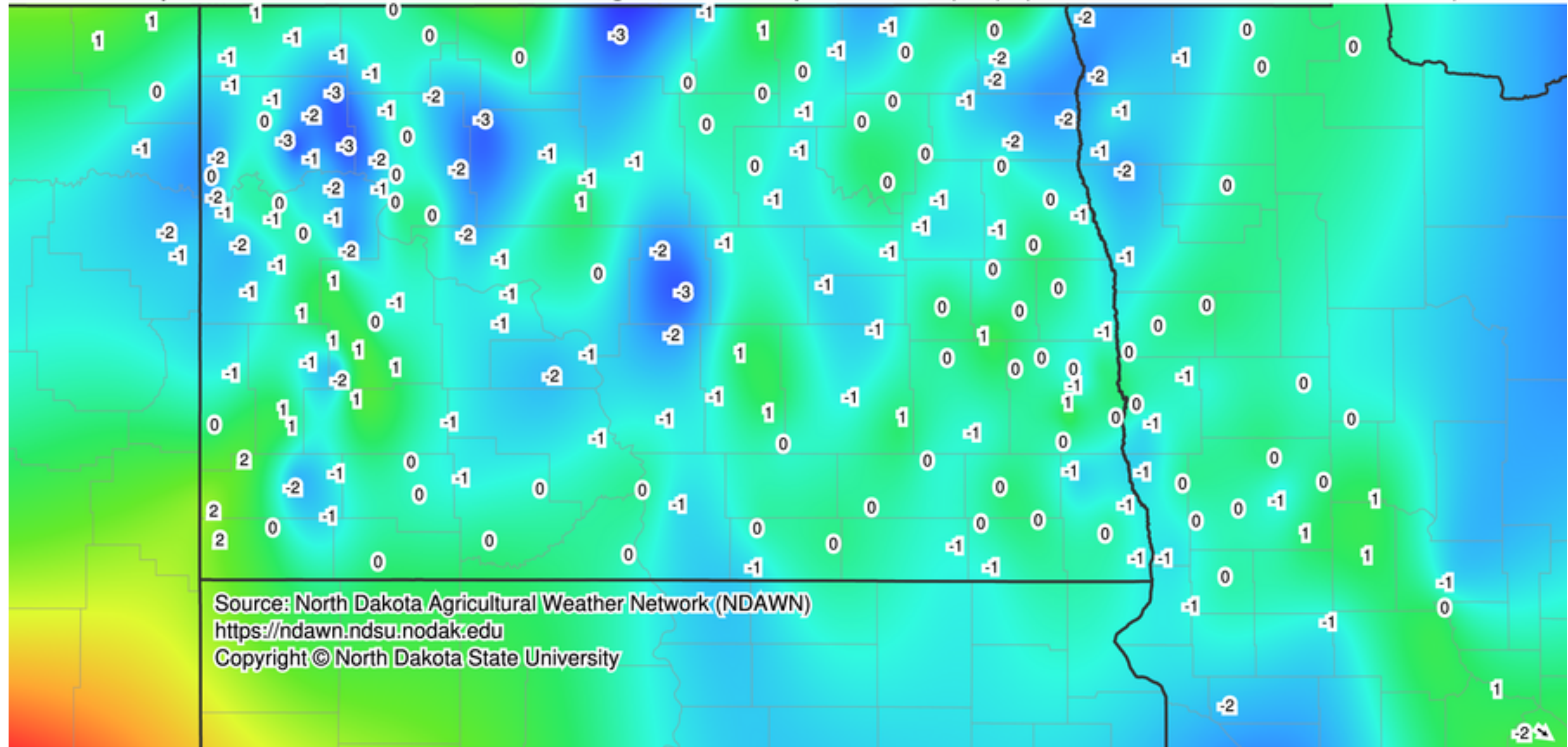
Total Number of Days with Maximum Temperature 90 ° F+

Apr 01 2024 - Aug 06 2024

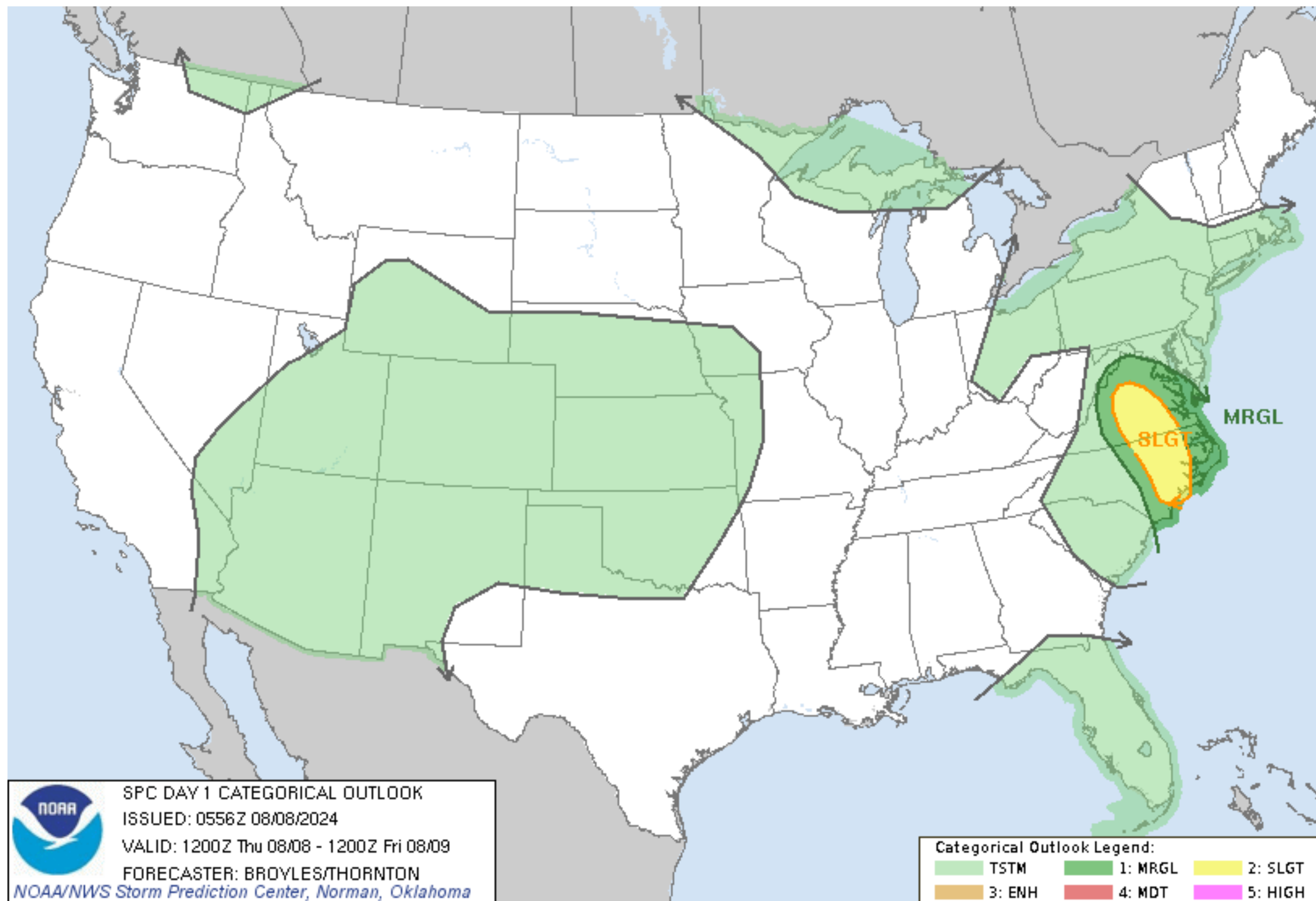


90° Days in 2024

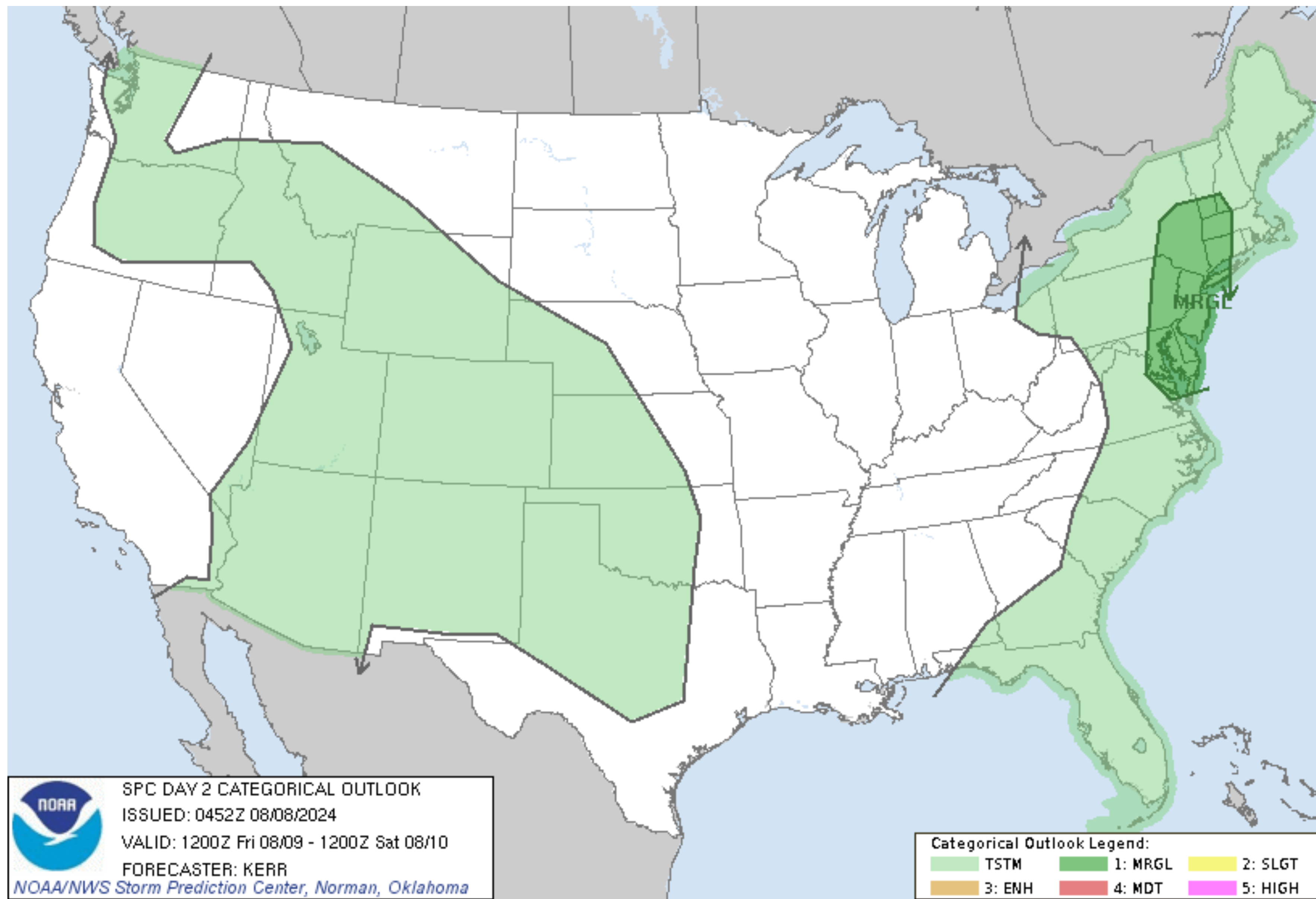
Departure from Normal Average Air Temperature (°F) (2024-06-01 - 2024-08-07)



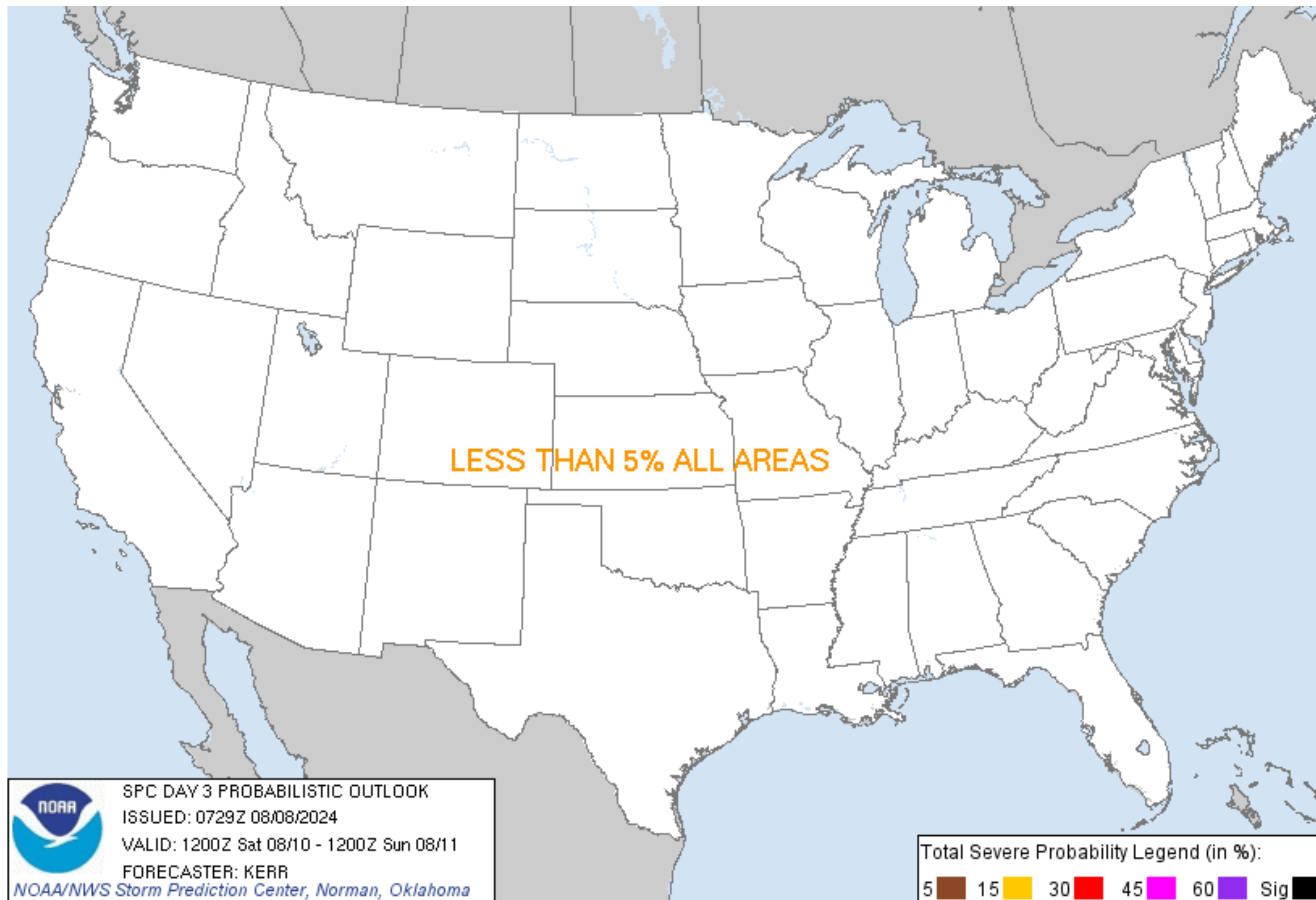
Departure from Average Temperatures since June 1



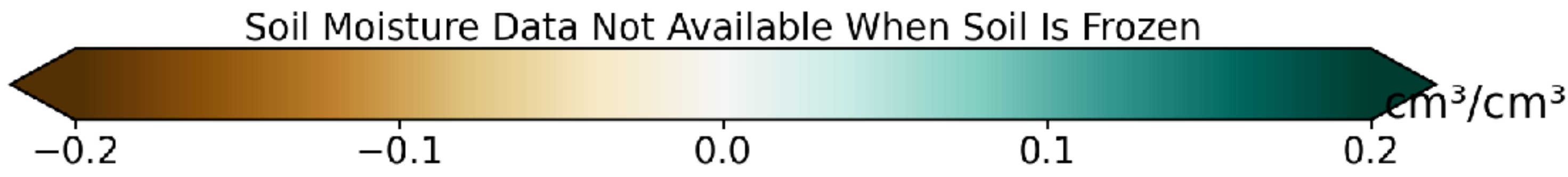
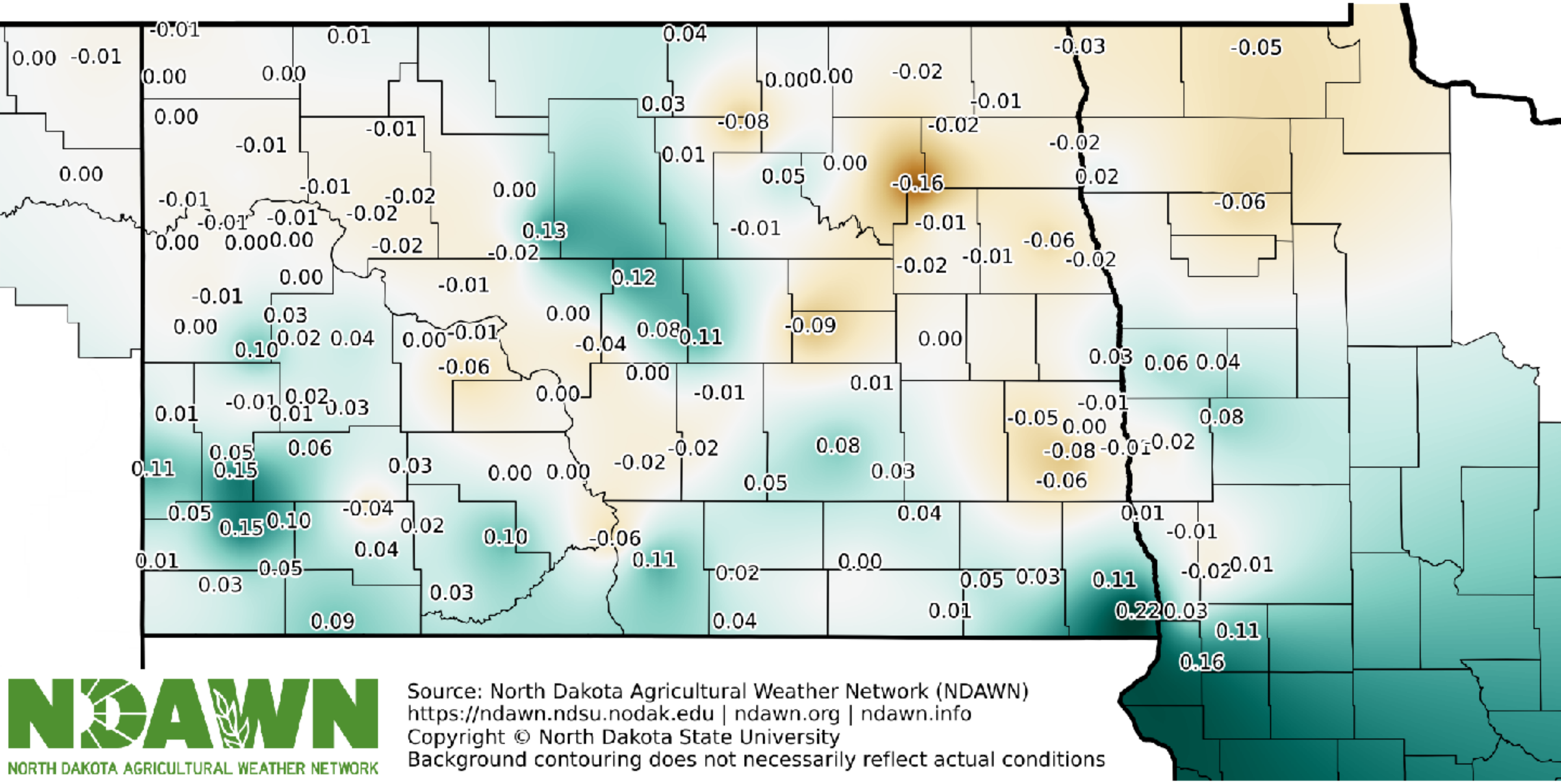
Day 1 Outlook (Today)



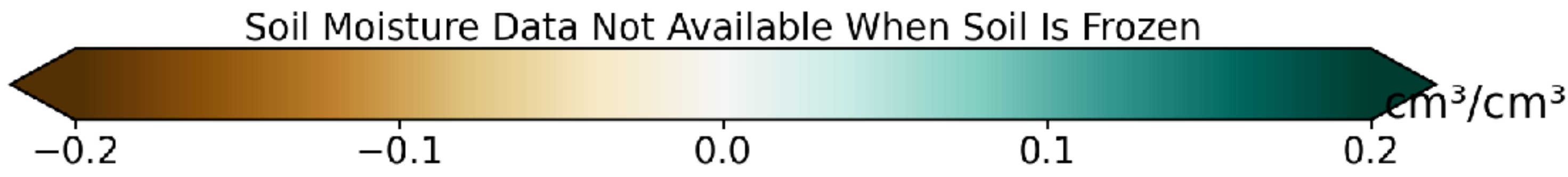
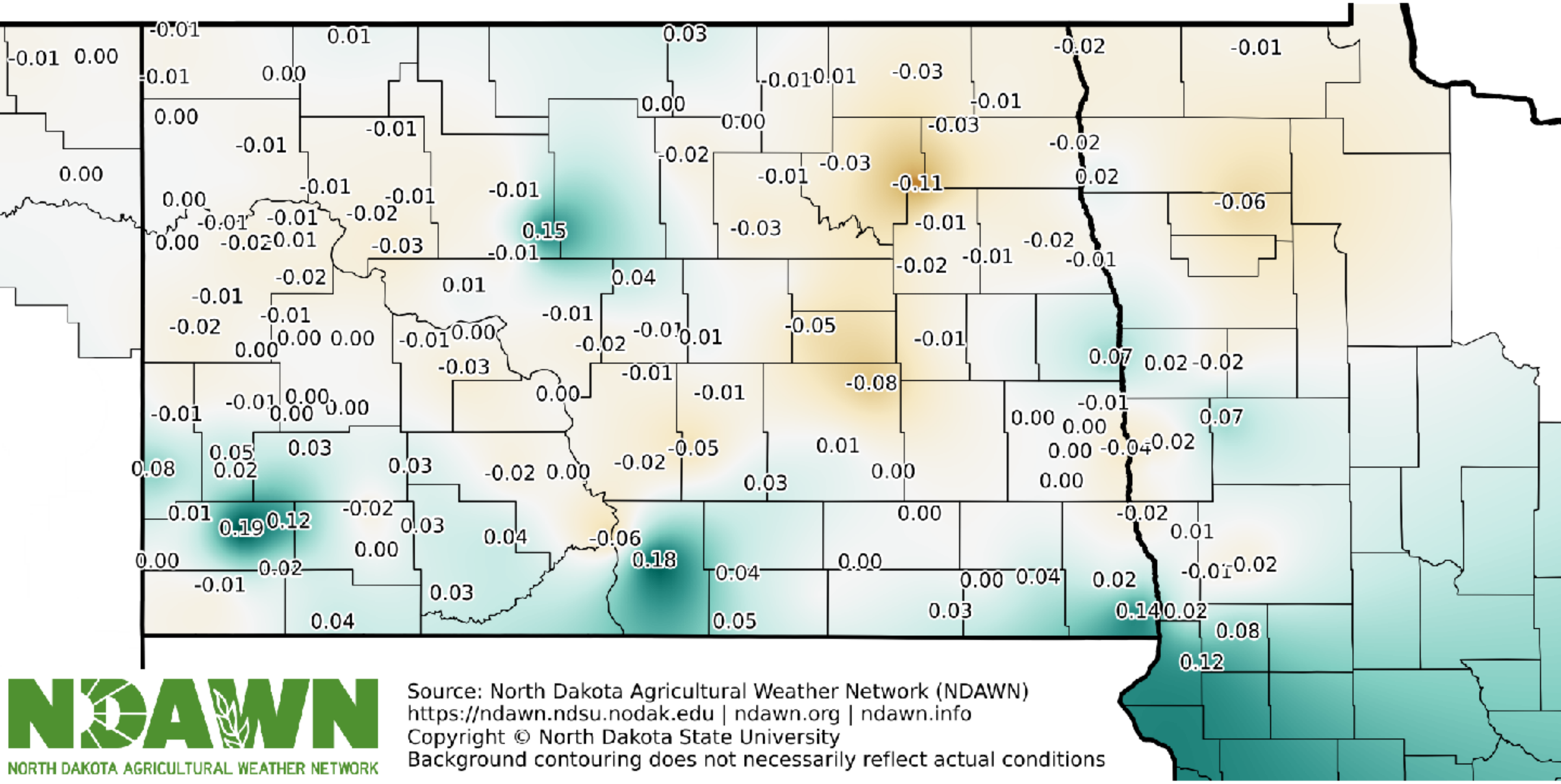
Day 2 Outlook



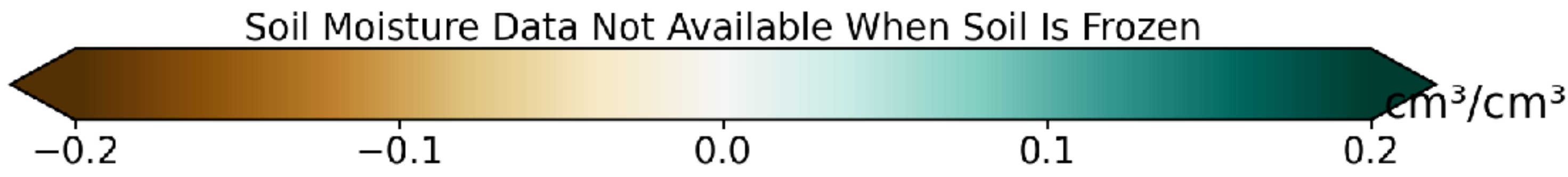
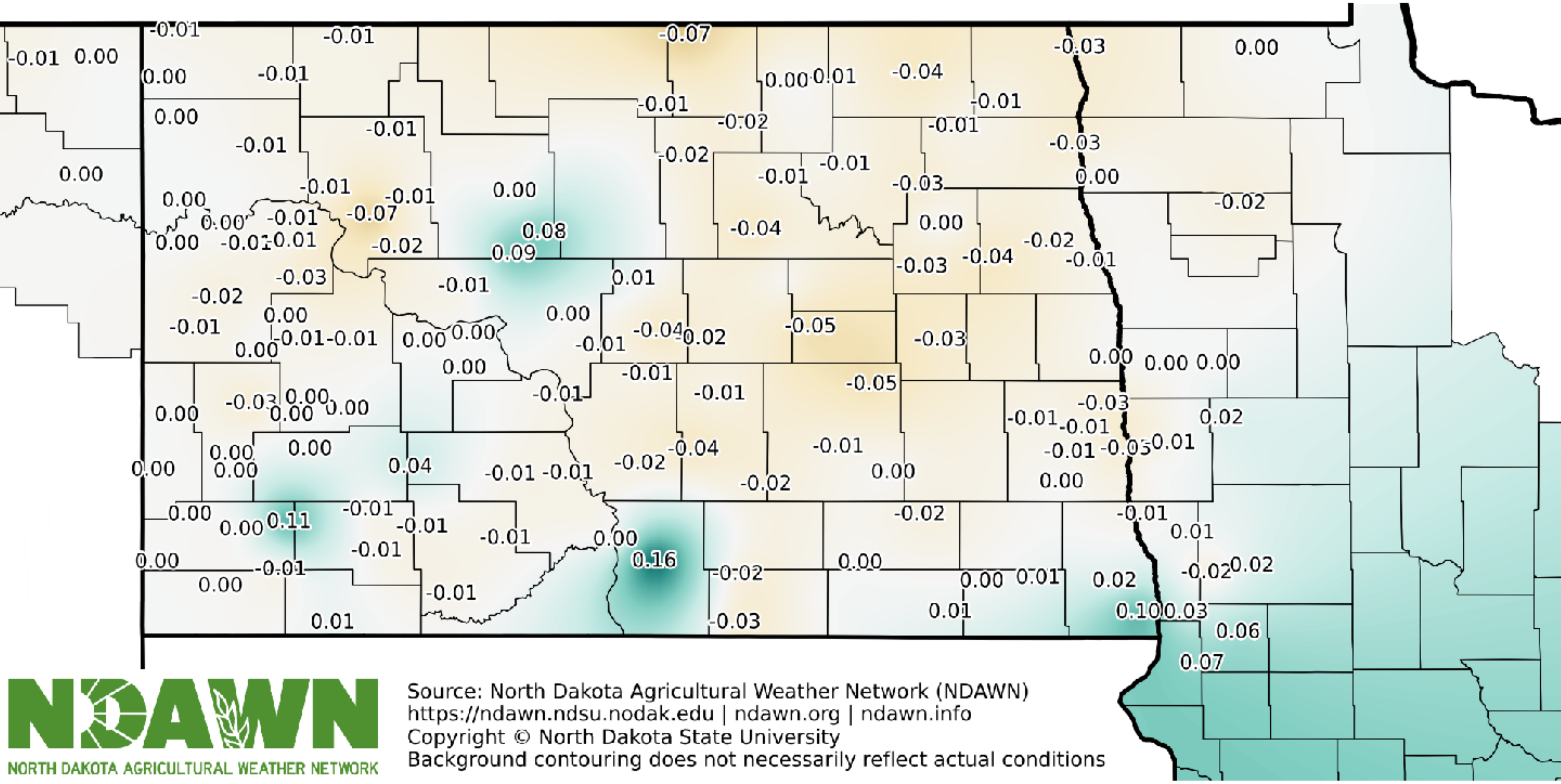
Day 3 Outlook



Soil Water Weekly Change



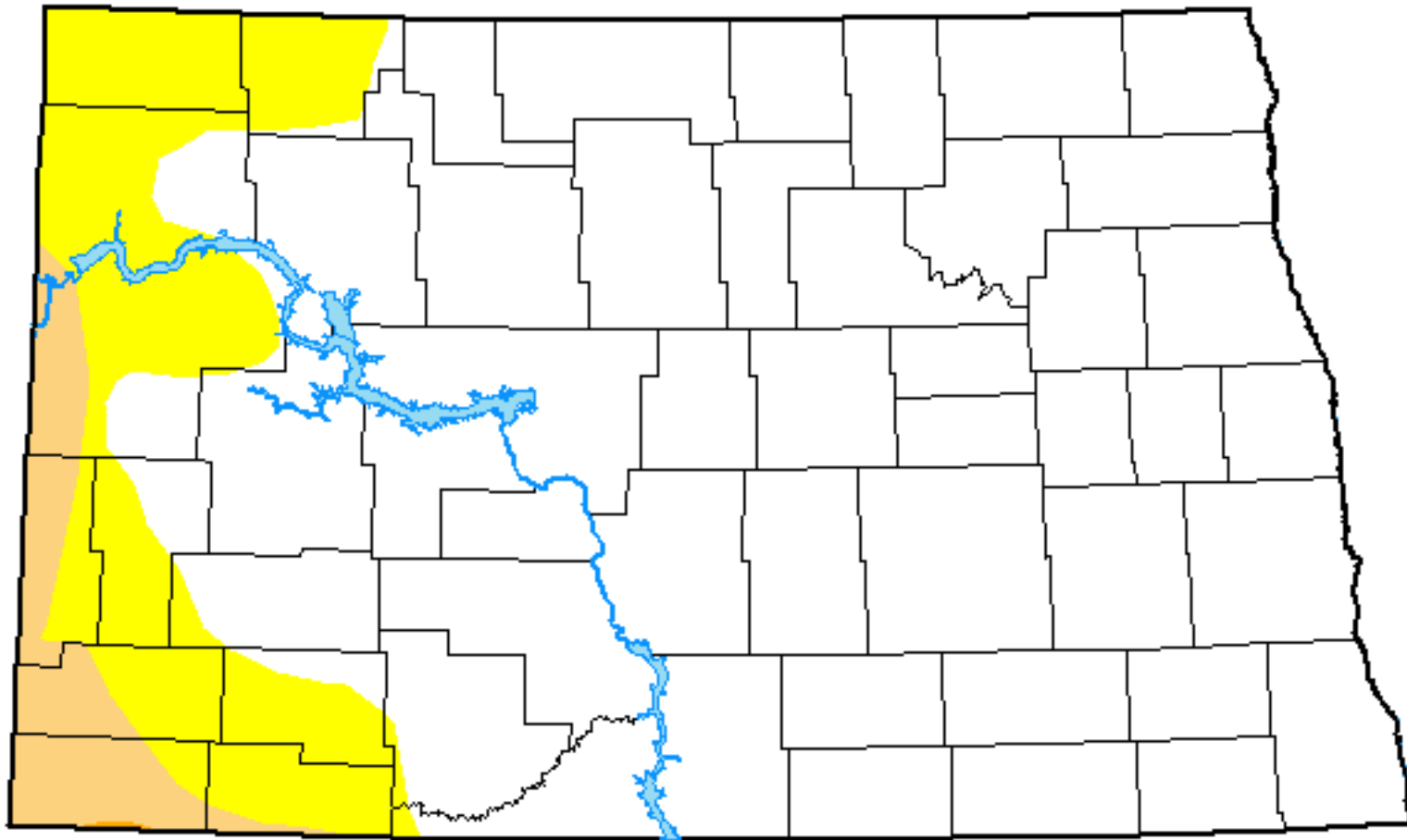
Soil Water Weekly Change



Soil Water Weekly Change

U.S. Drought Monitor
North Dakota

August 6, 2024
(Released Thursday, Aug. 8, 2024)
Valid 8 a.m. EDT



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	82.72	17.28	4.11	0.04	0.00	0.00
Last Week 07-30-2024	87.04	12.96	2.21	0.00	0.00	0.00
3 Months Ago 05-07-2024	66.77	33.23	8.41	0.00	0.00	0.00
Start of Calendar Year 01-02-2024	70.11	29.89	15.72	6.78	0.00	0.00
Start of Water Year 09-26-2023	55.05	44.95	26.49	17.14	0.00	0.00
One Year Ago 08-08-2023	42.42	57.58	30.27	7.31	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:

David Simeral
Western Regional Climate Center



droughtmonitor.unl.edu

Current Drought Monitor

Drought Classification



None

D0 (Abnormally Dry)

D1 (Moderate Drought)



D2 (Severe Drought)

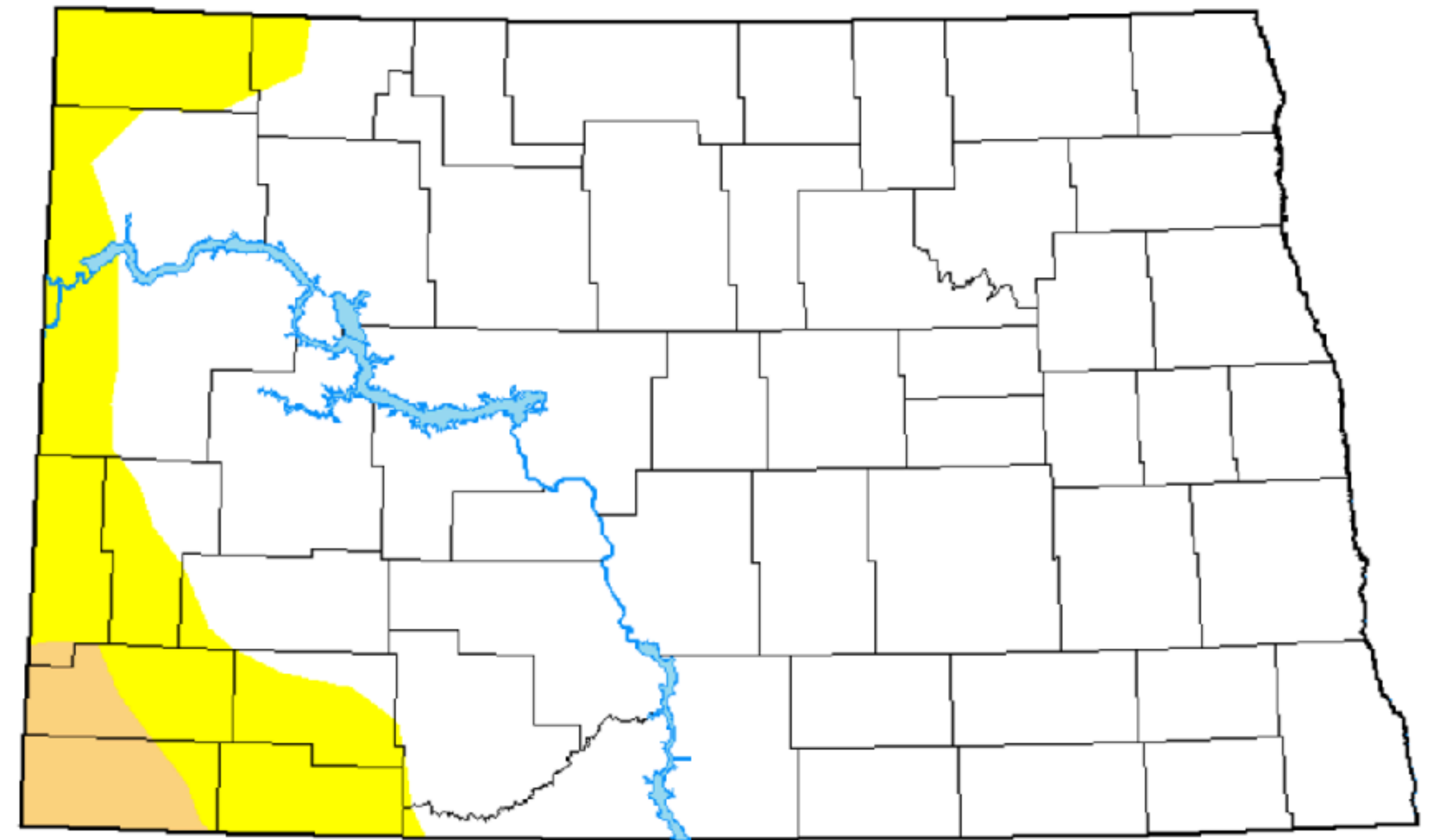
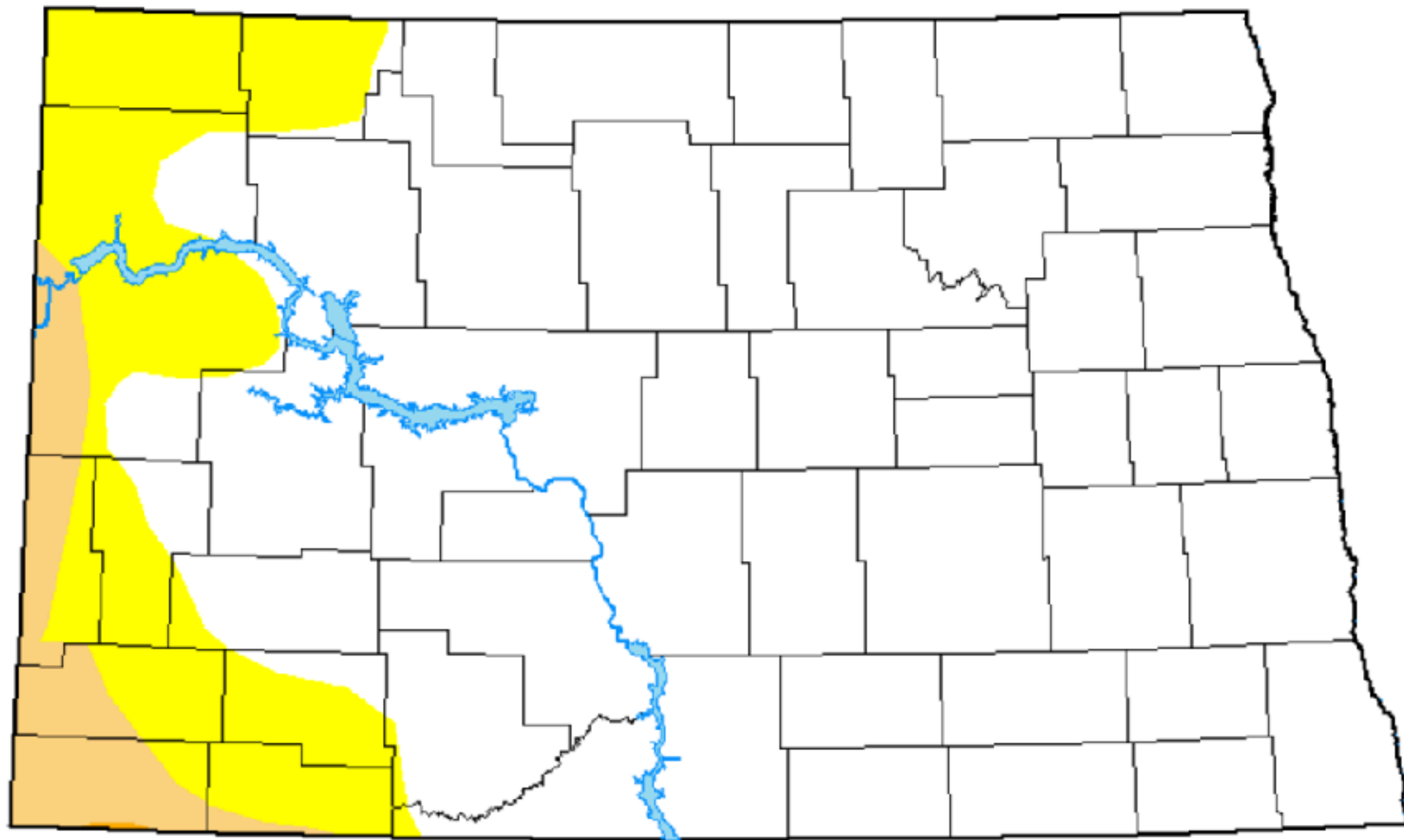


D3 (Extreme Drought)



D4 (Exceptional Drought)

No Data



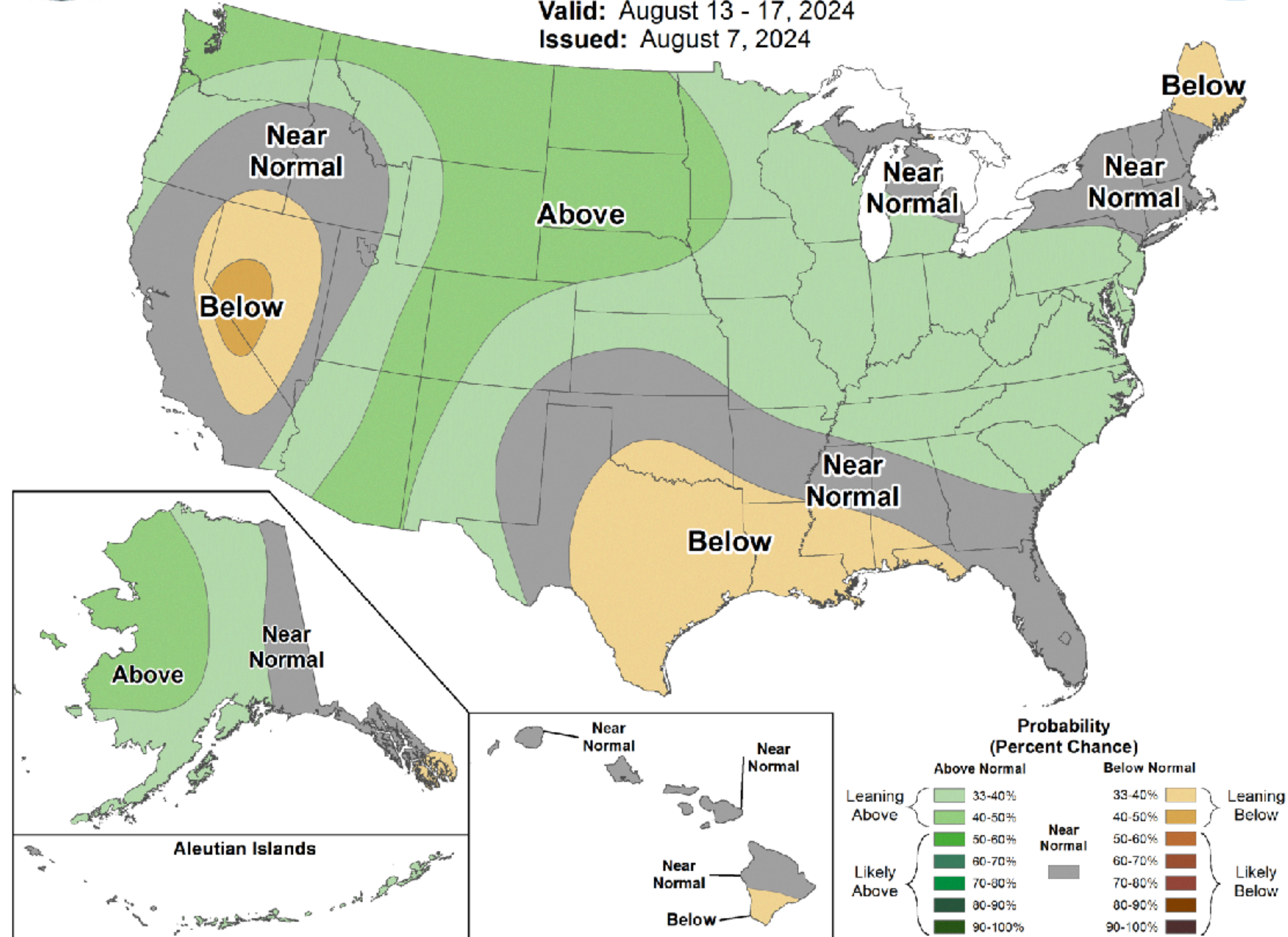
Two Week Comparison



6-10 Day Precipitation Outlook



Valid: August 13 - 17, 2024
Issued: August 7, 2024



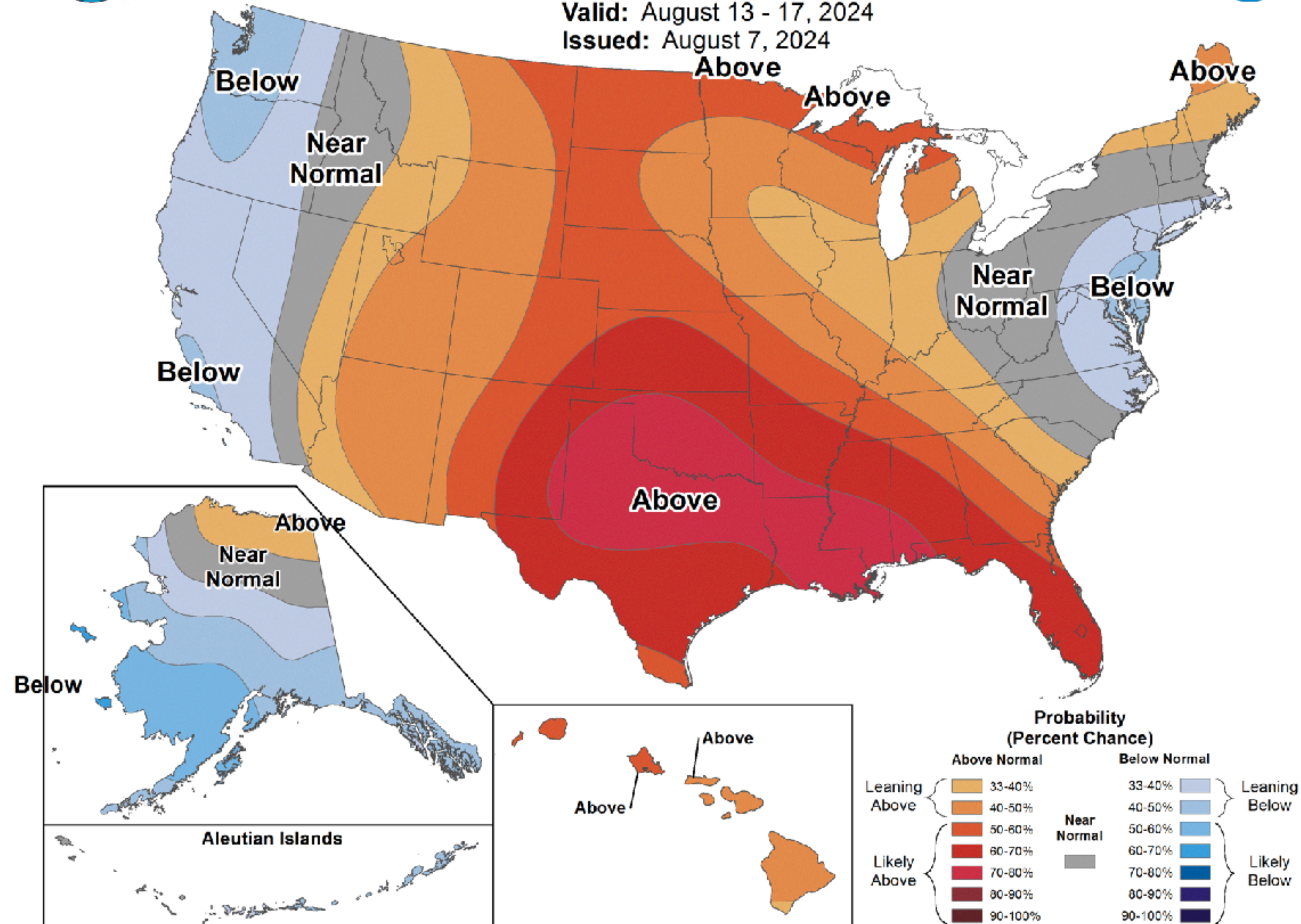
6-10 Day Outlook



6-10 Day Temperature Outlook



Valid: August 13 - 17, 2024
Issued: August 7, 2024



6-10 Day Outlook

8-14 Day Outlook

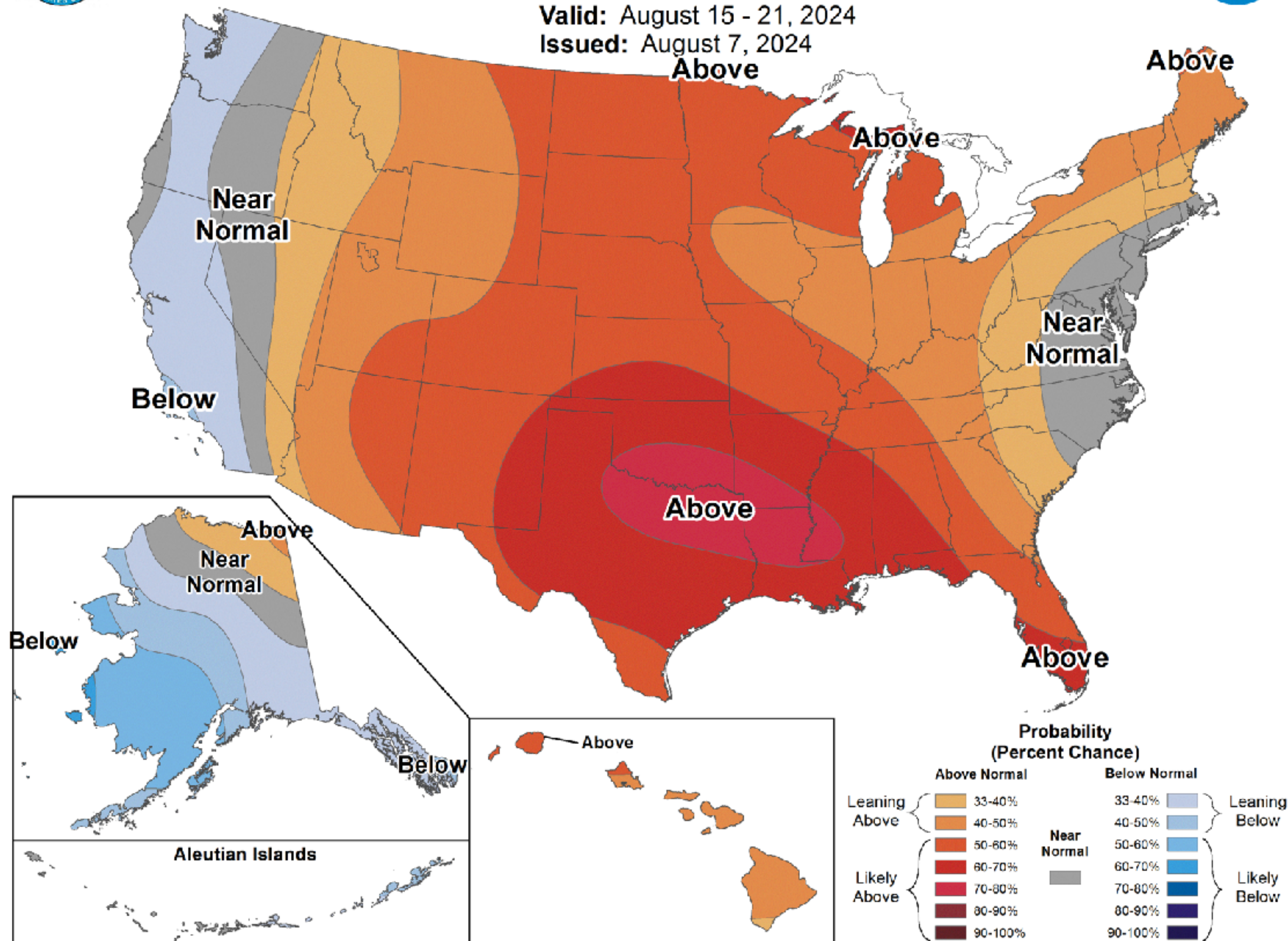


8-14 Day Temperature Outlook



Valid: August 15 - 21, 2024

Issued: August 7, 2024



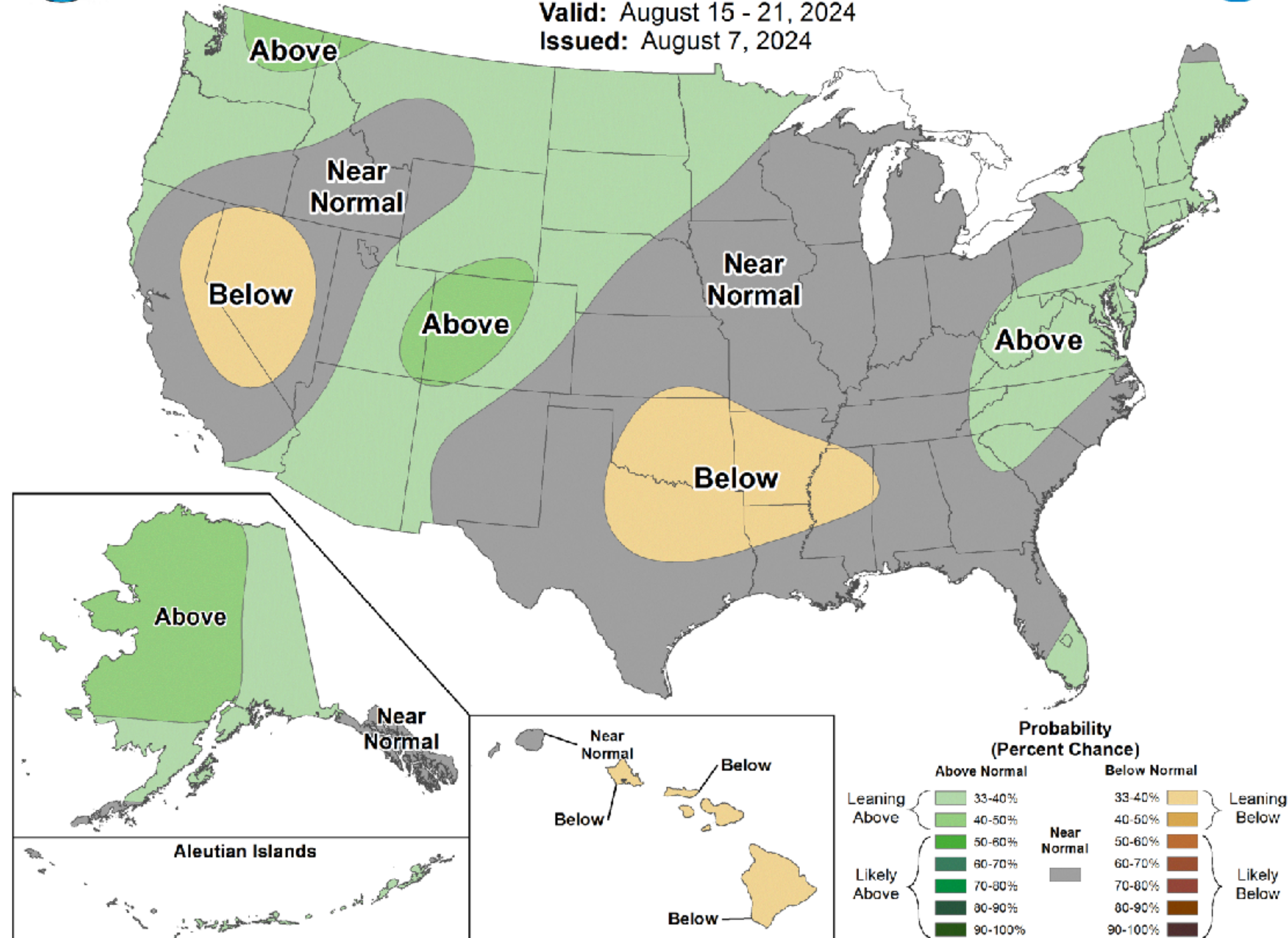
8-14 Day Outlook



8-14 Day Precipitation Outlook



Valid: August 15 - 21, 2024
Issued: August 7, 2024



8-14 Day Outlook

Summary

Cool in Short Term

Cool in Short Term

Warmer Next Week and Beyond

Cool in Short Term

Warmer Next Week and Beyond

Scattered thunderstorms (Better Chance Next Week)

Cool in Short Term

Warmer Next Week and Beyond

Scattered thunderstorms (Better Chance Next Week)

Dry Expansion in Western North Dakota

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