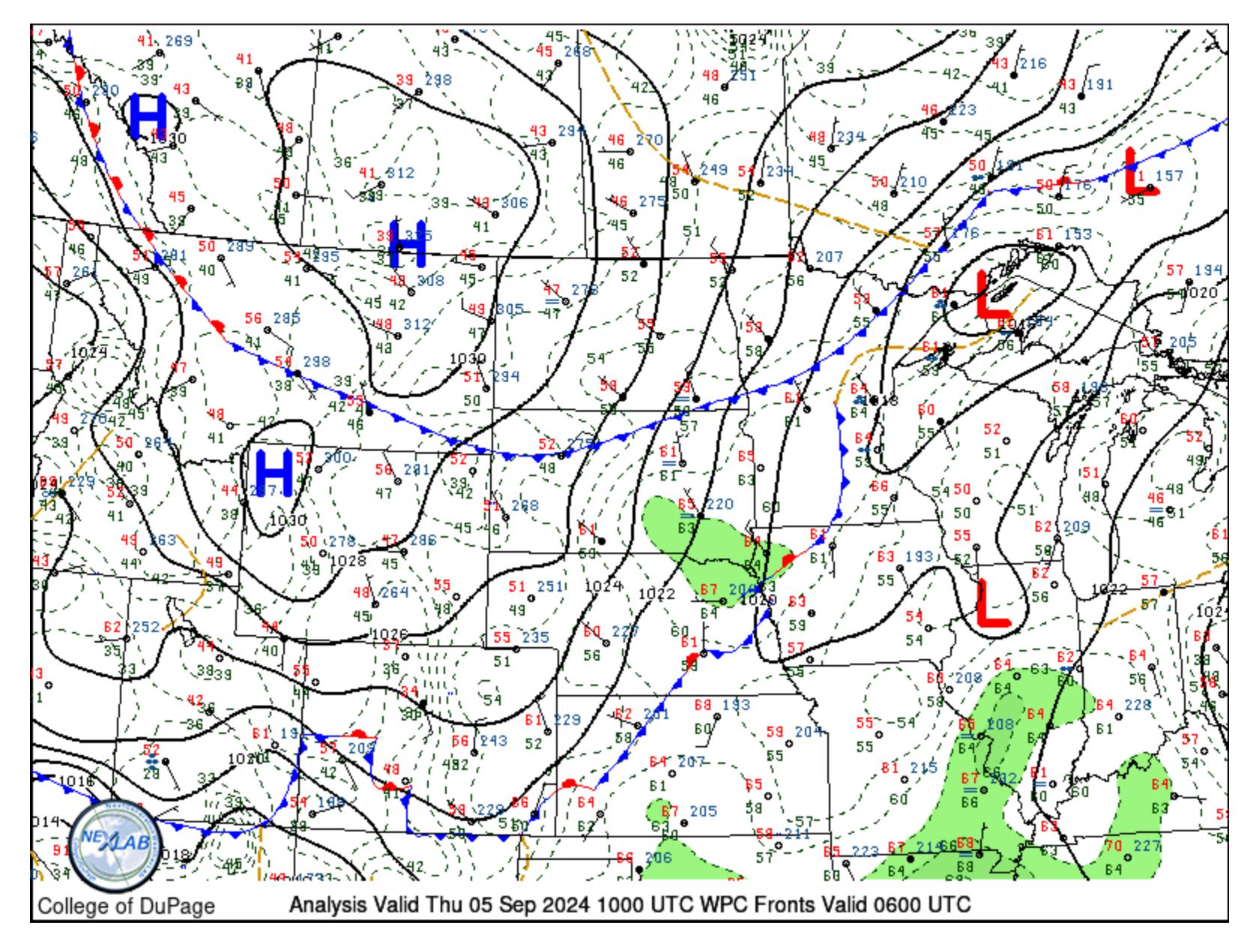
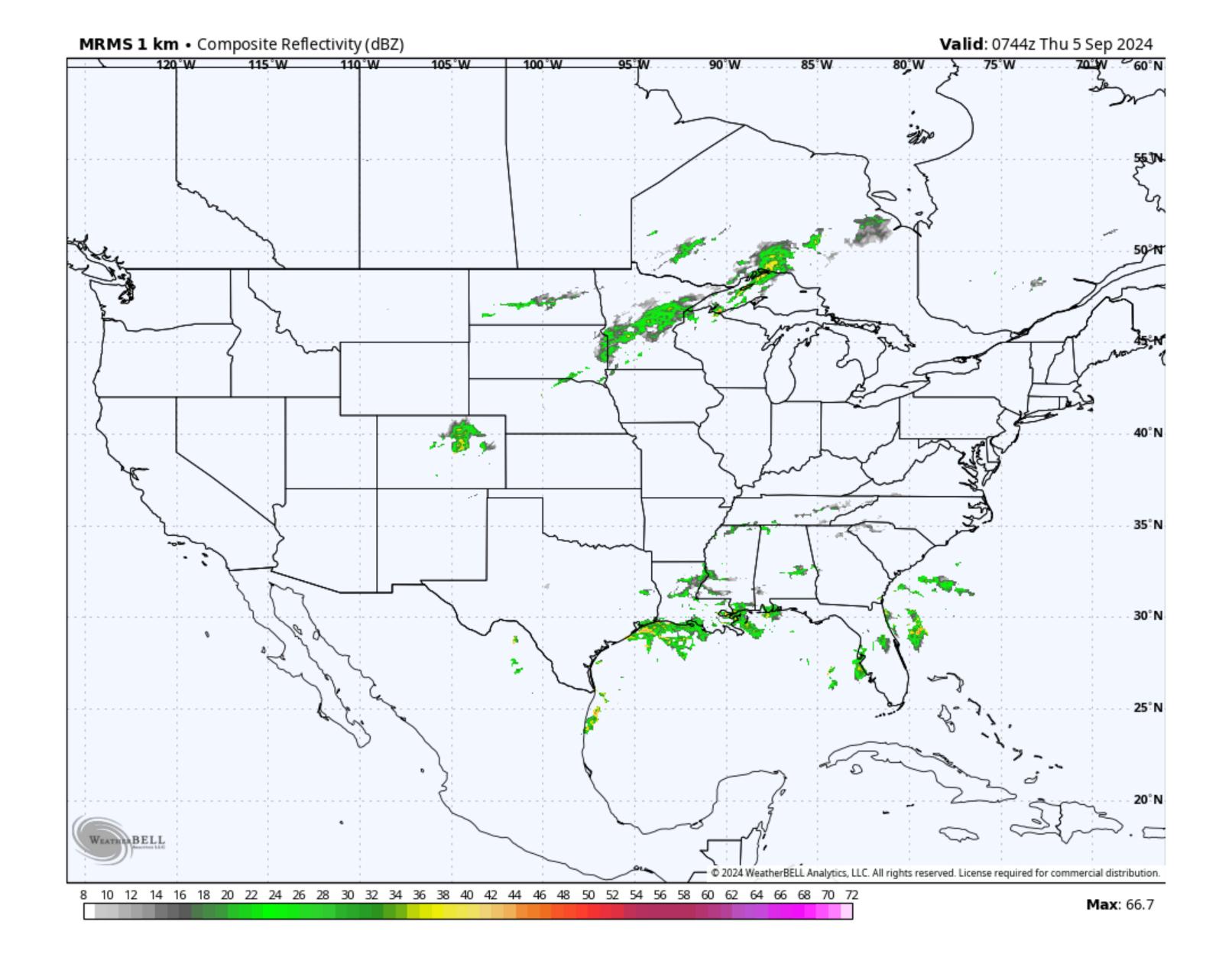
# North Dakota Bi-Weekly Drought Update

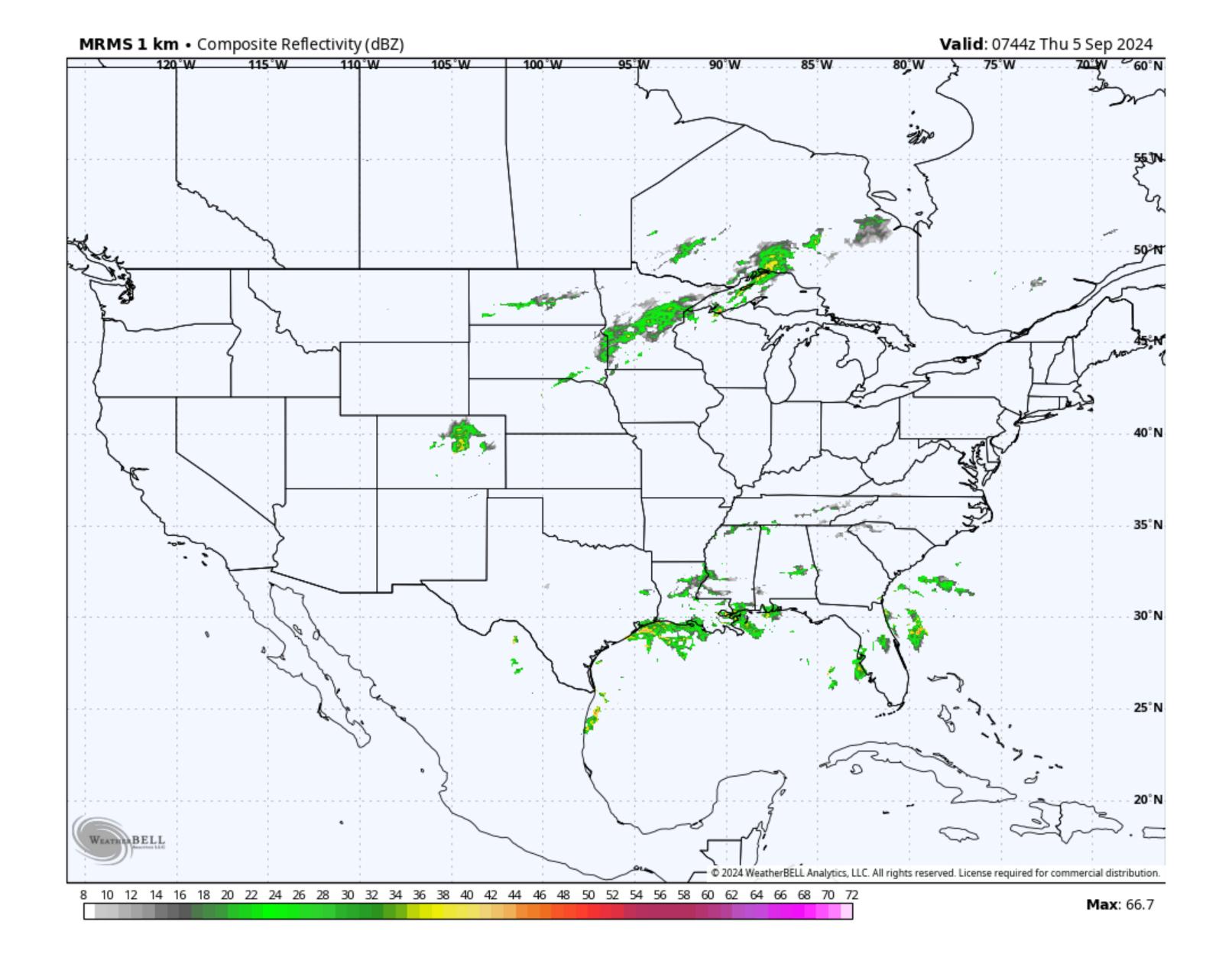




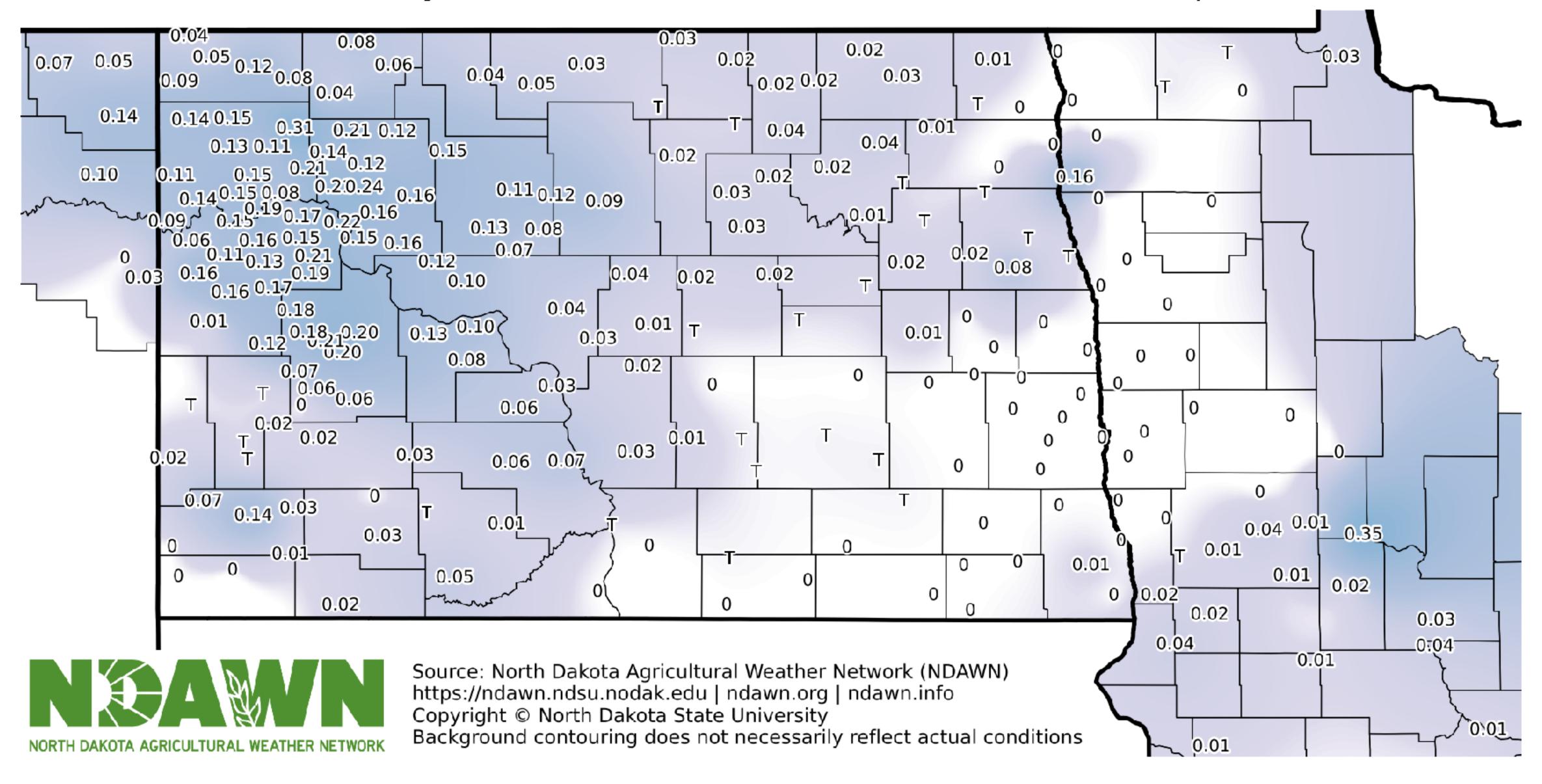
National Surface Map

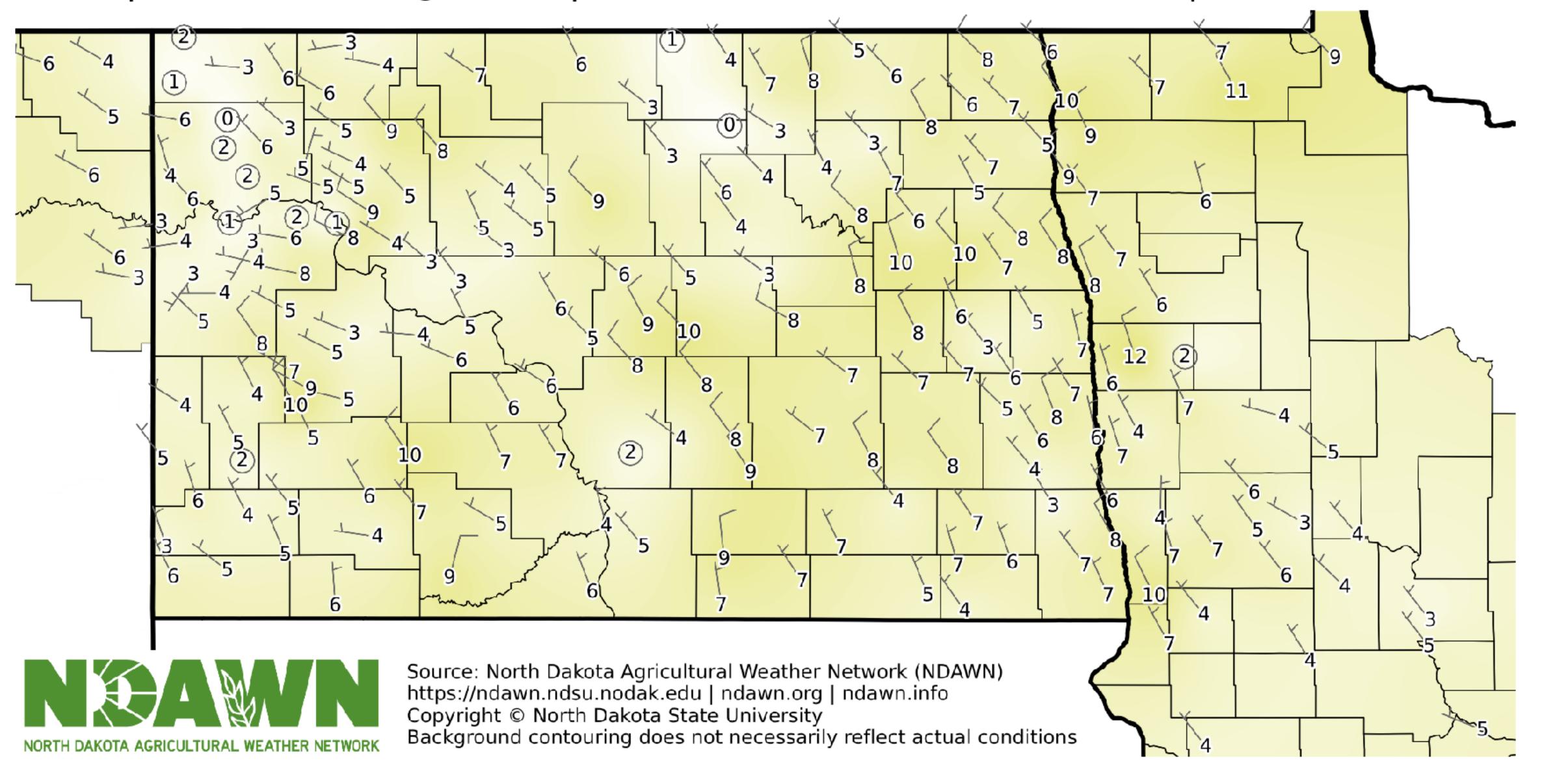


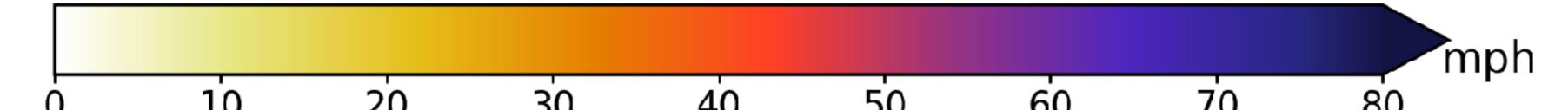
# Radar This Morning



# Radar This Morning

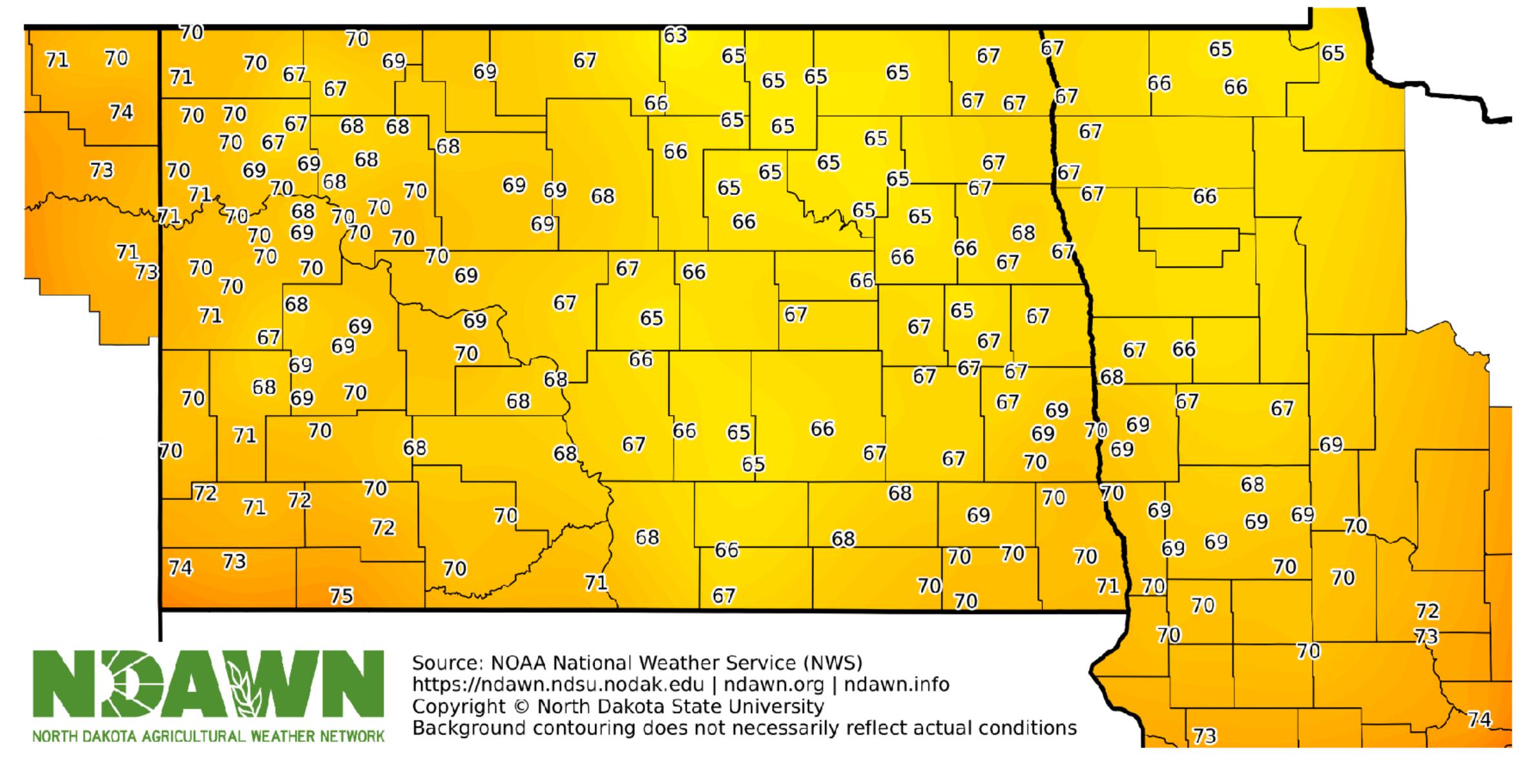


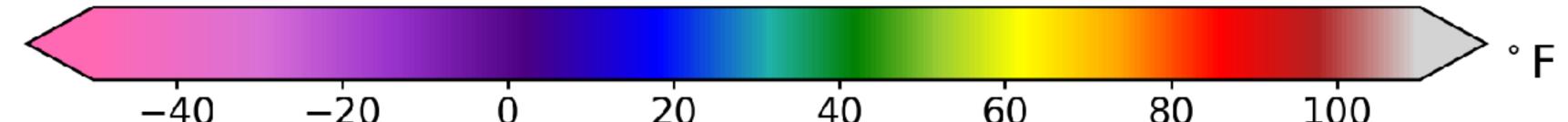




### NWS Forecast Maximum Temperature for Today (°F)

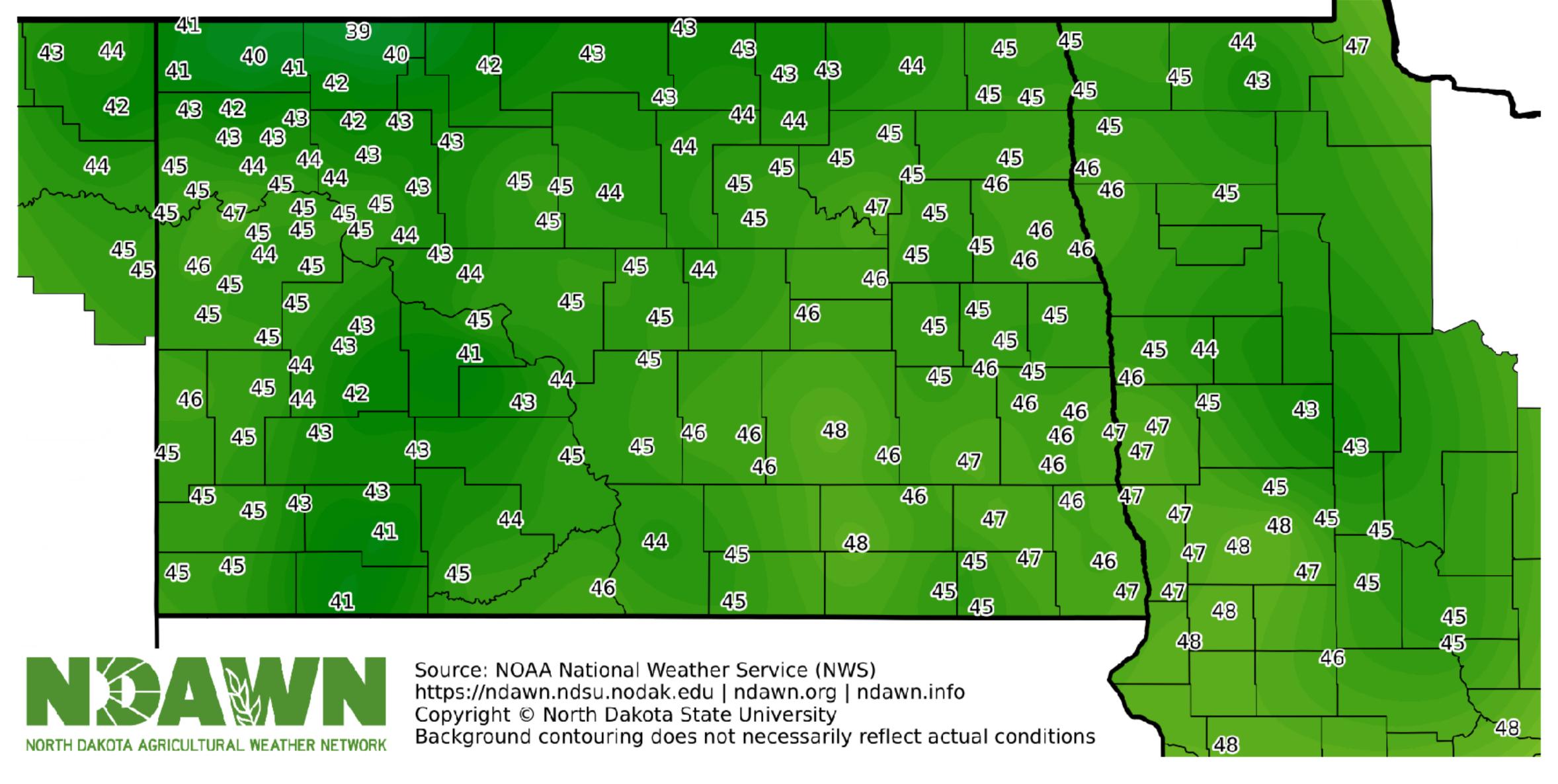


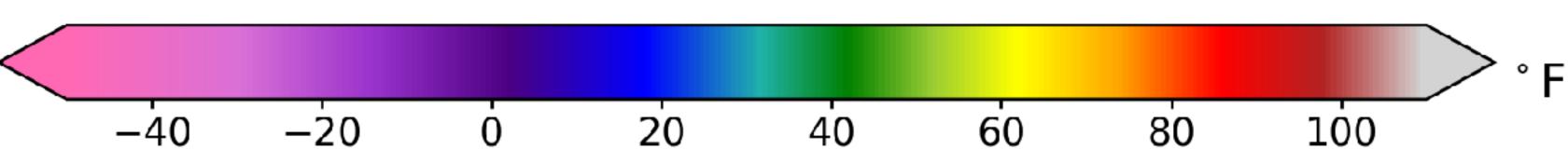




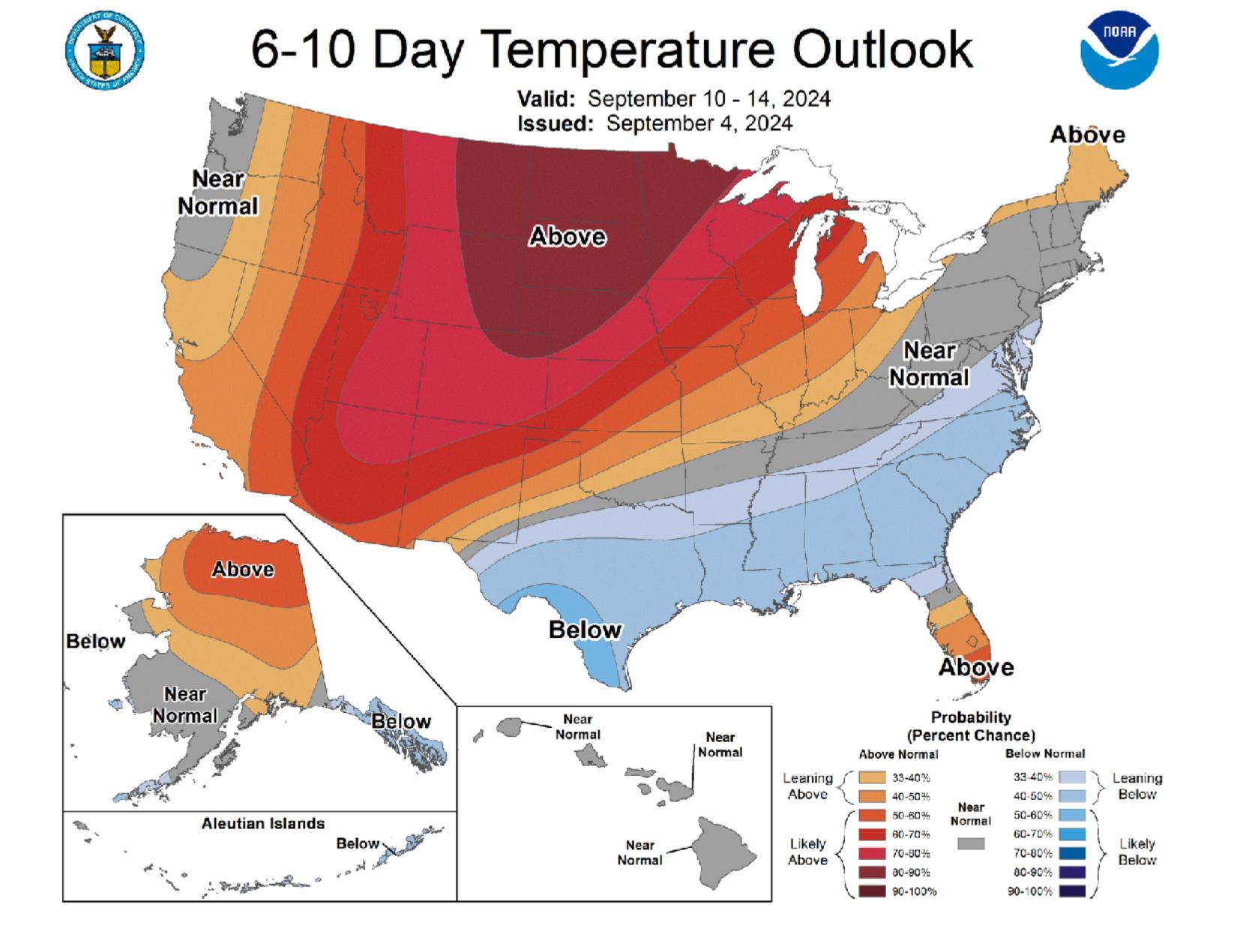
#### NWS Forecast Minimum Temperature for Tonight (°F)



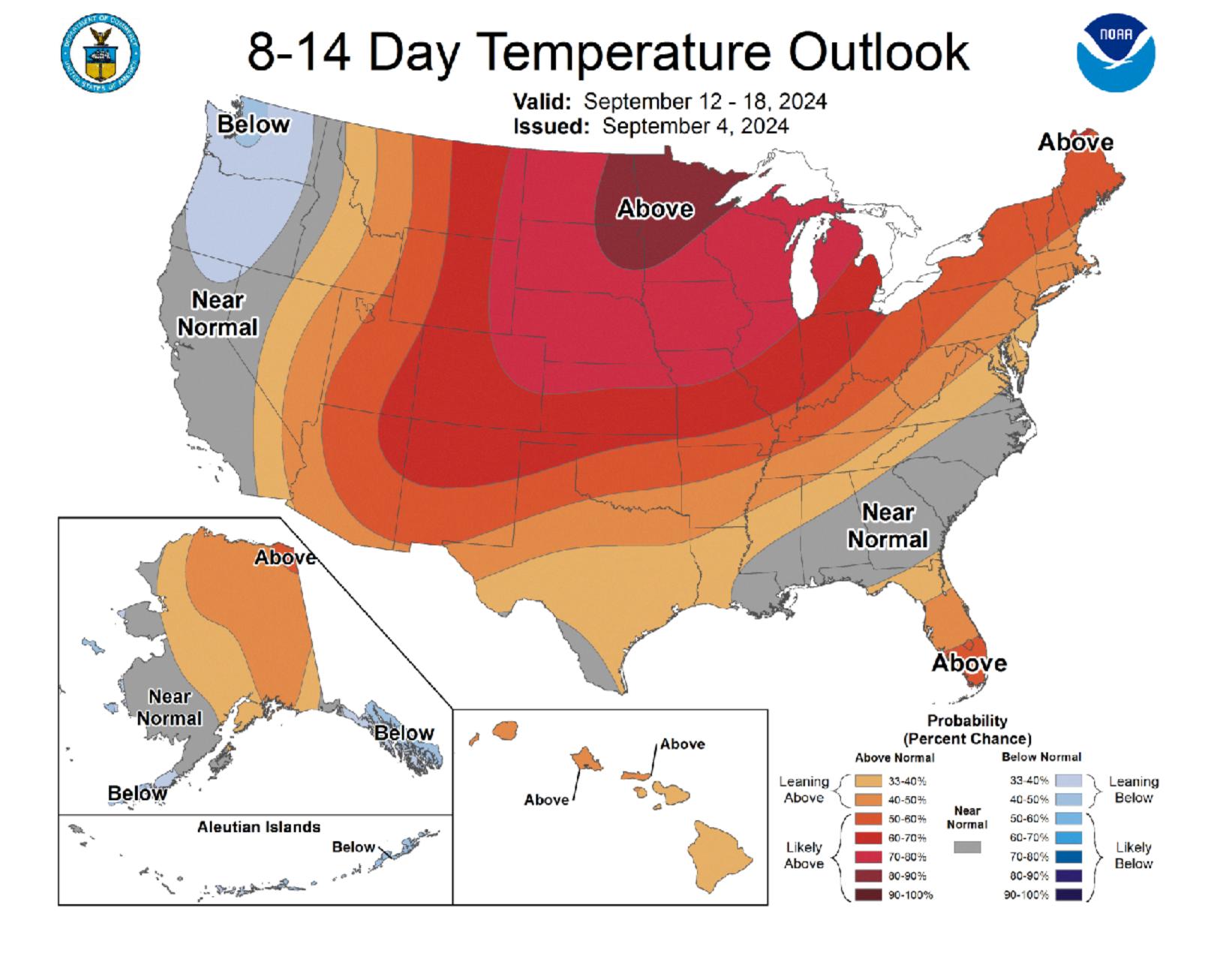




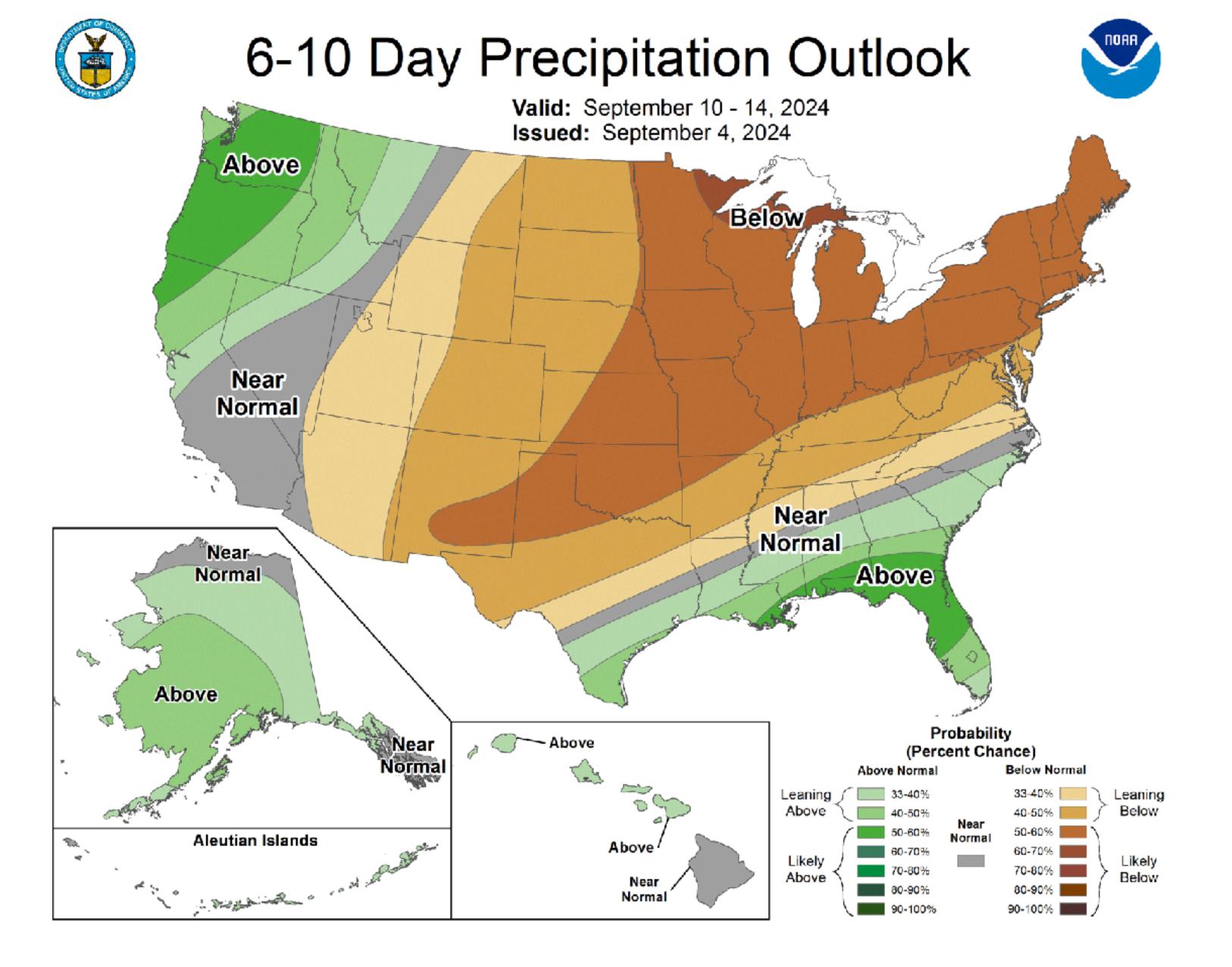
#### Created: Sep 05 2024 NWS Forecast Maximum Temperature for Tomorrow (°F) 73 71 71\_ 67, 77 72 70\_ Source: NOAA National Weather Service (NWS) https://ndawn.ndsu.nodak.edu | ndawn.org | ndawn.info Copyright © North Dakota State University 68\_ Background contouring does not necessarily reflect actual conditions NORTH DAKOTA AGRICULTURAL WEATHER NETWORK -20-40



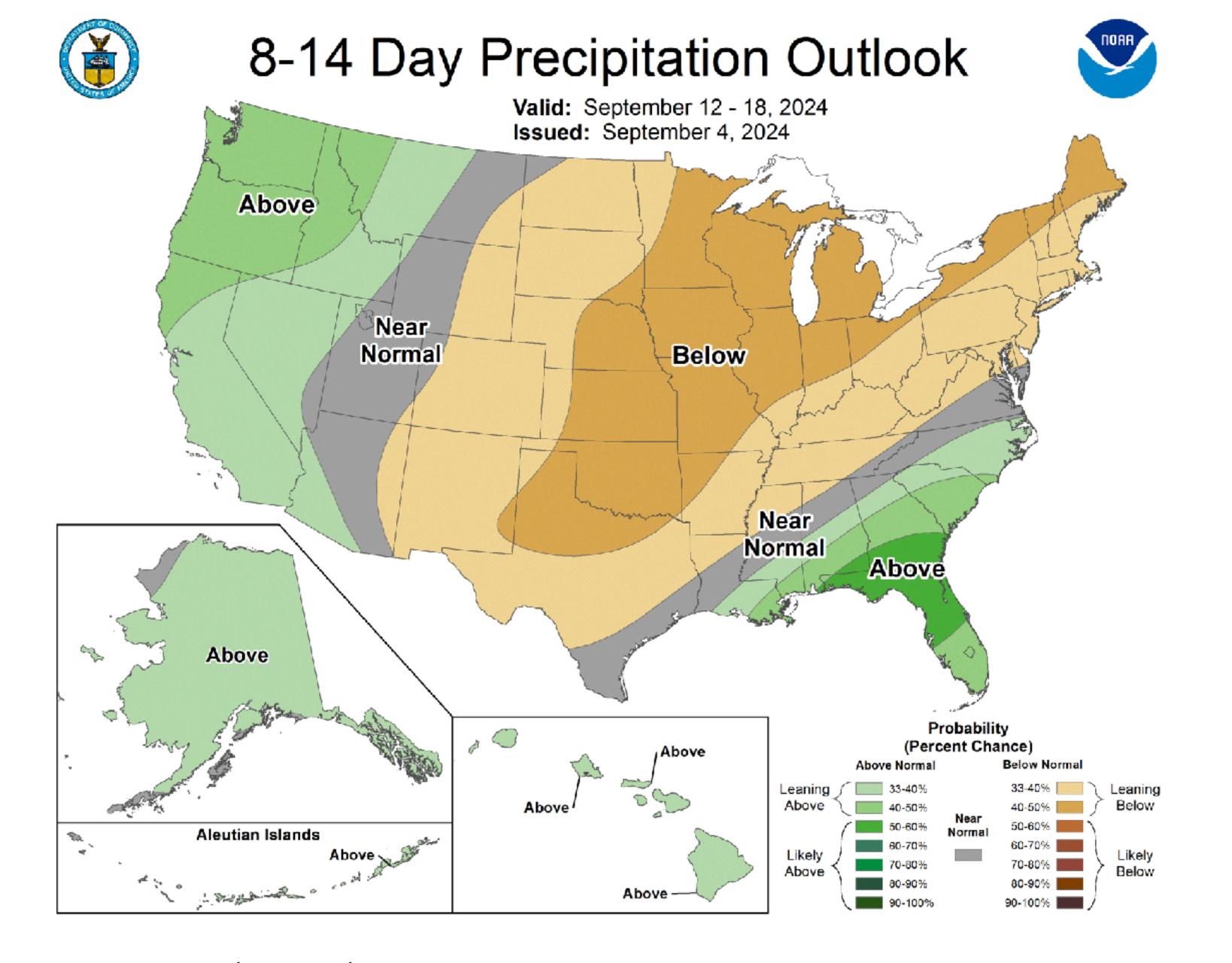
6-10 Day Outlook



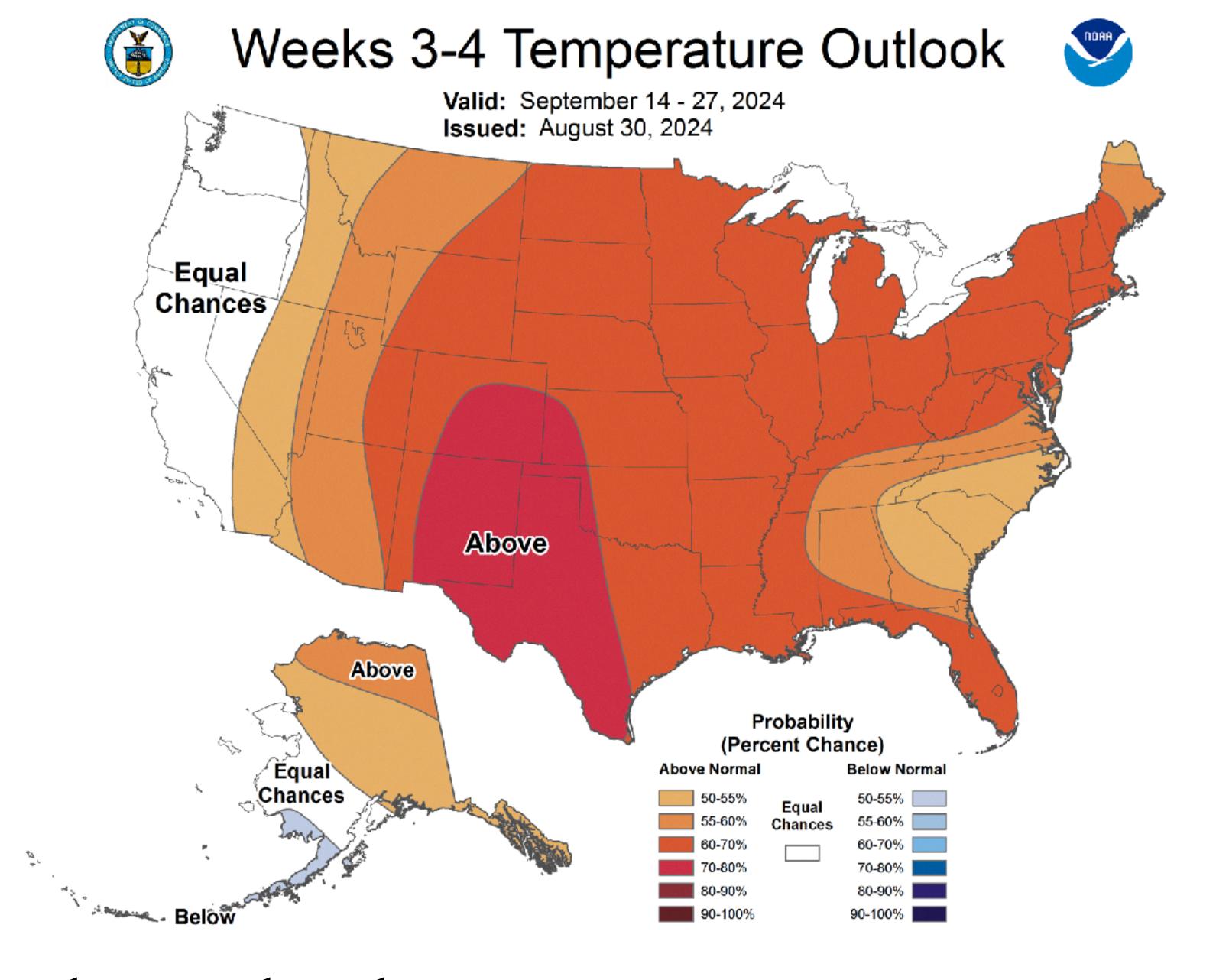
8-14 Day Outlook



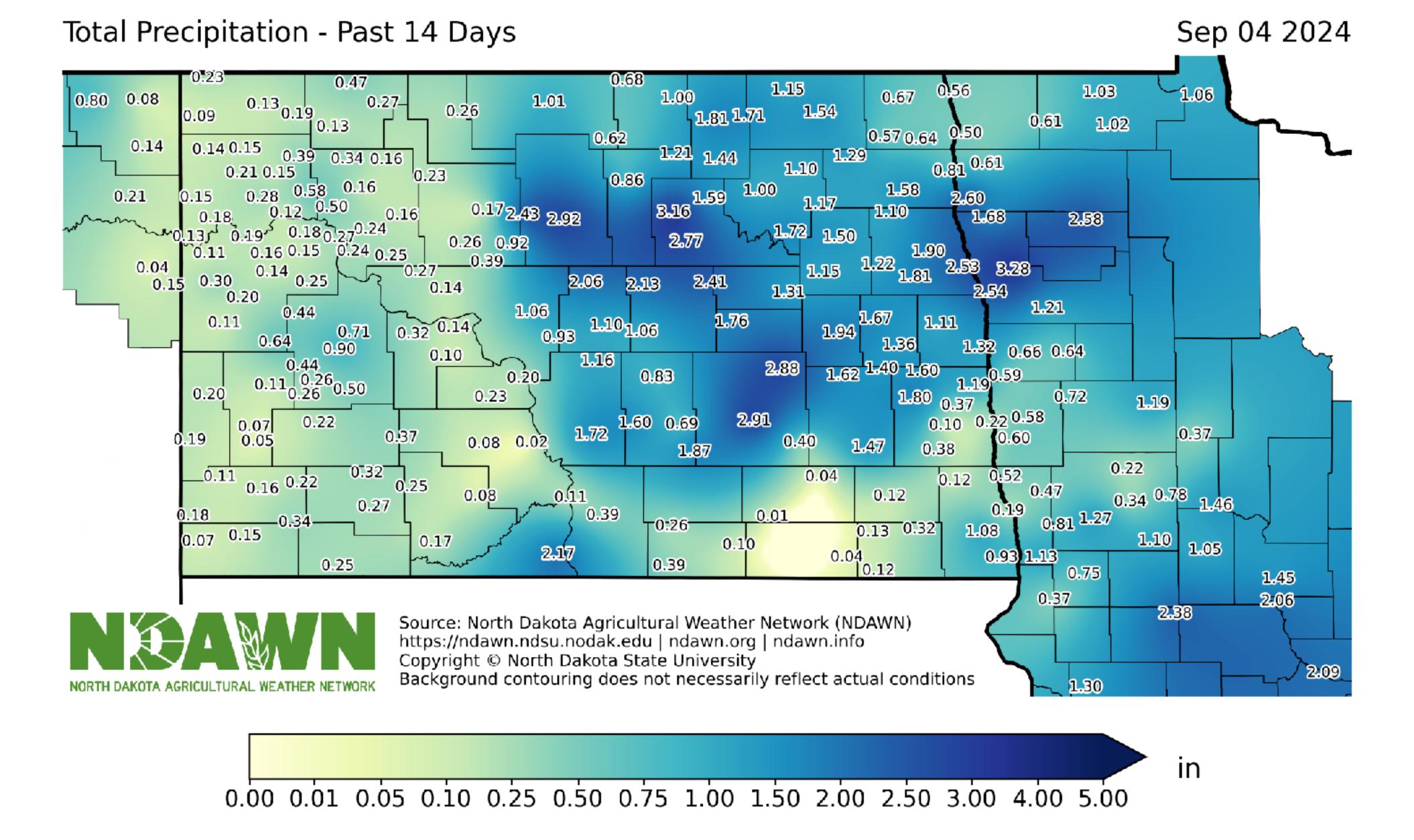
6-10 Day Outlook



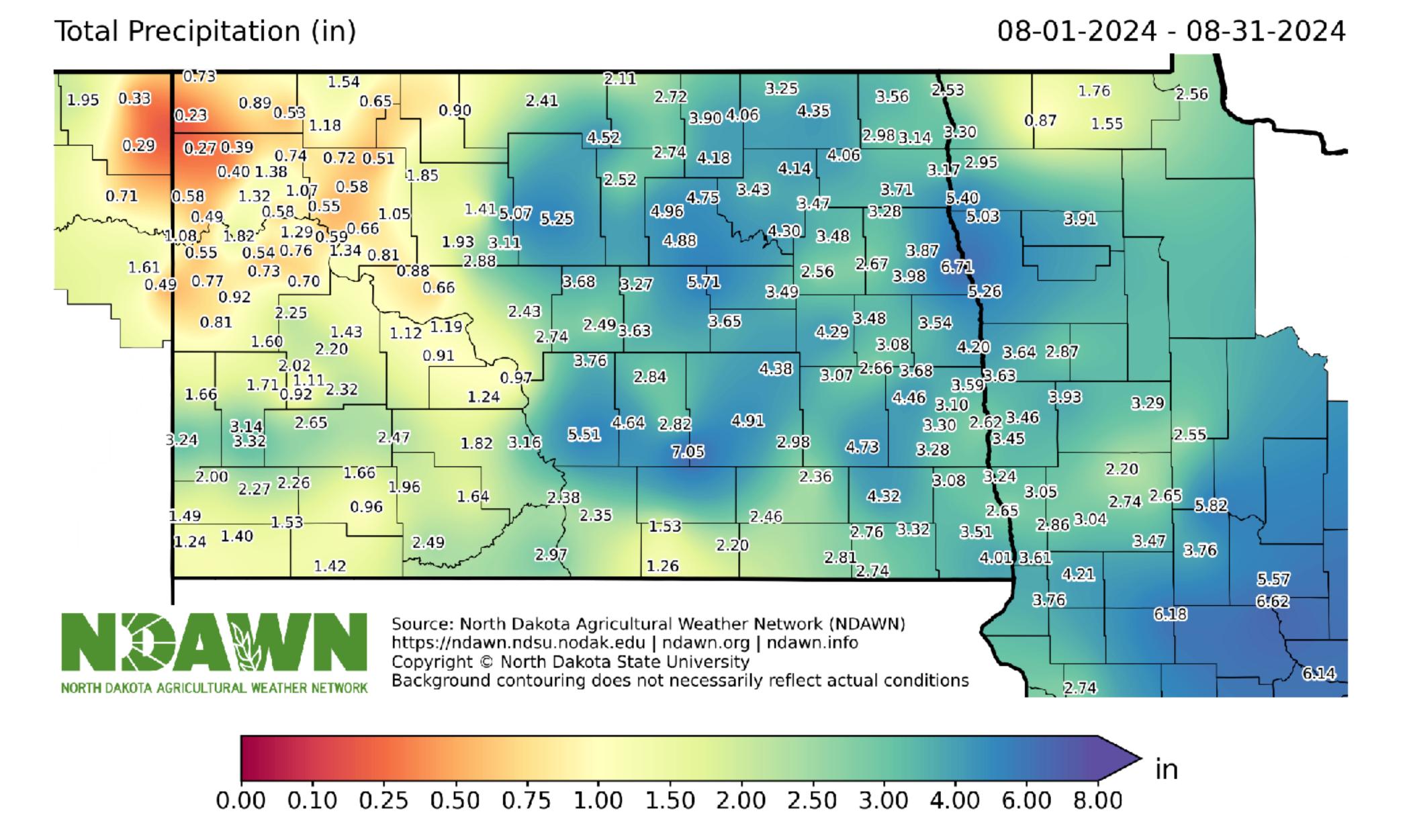
8-14 Day Outlook



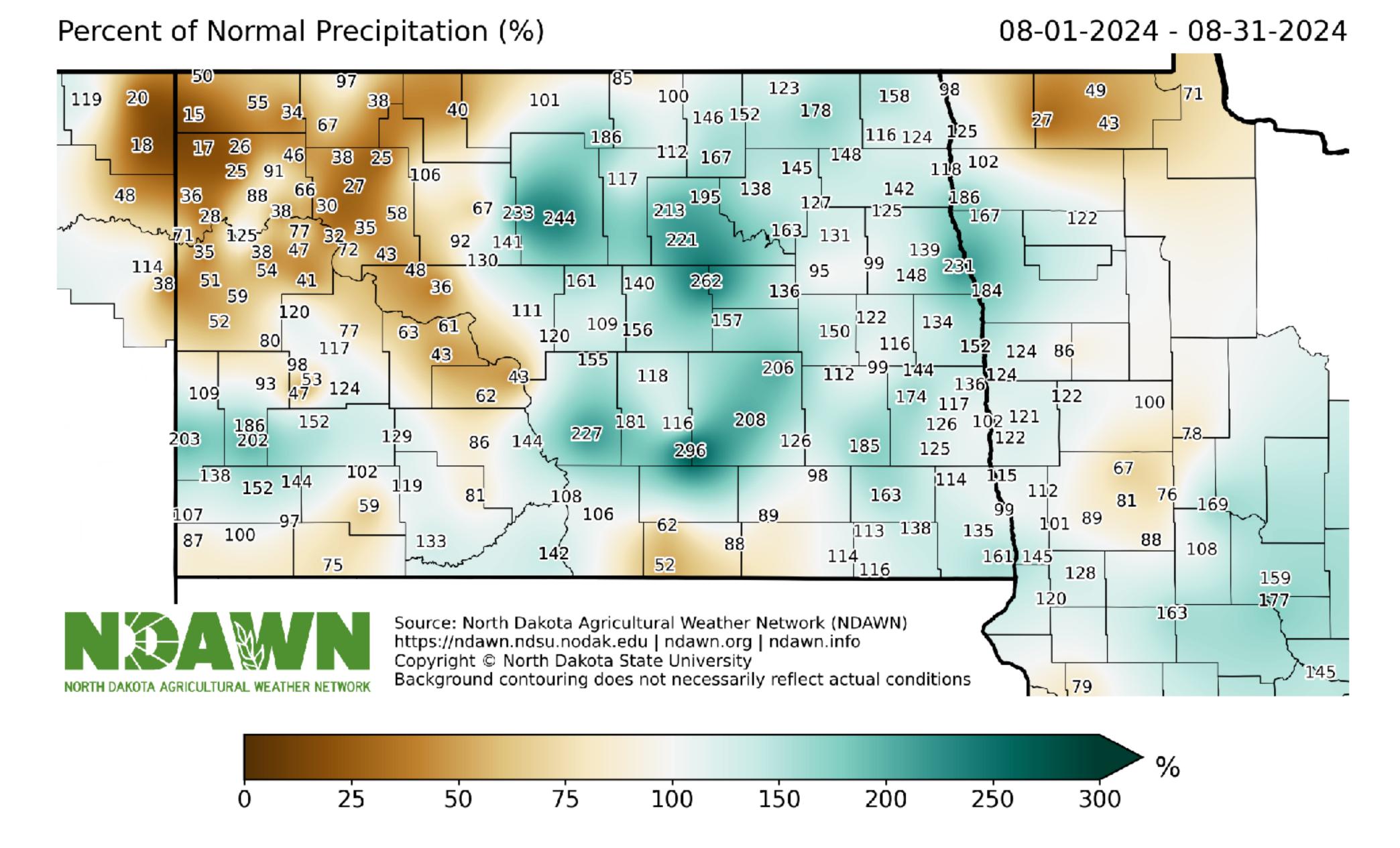
3-4 Week Outlook



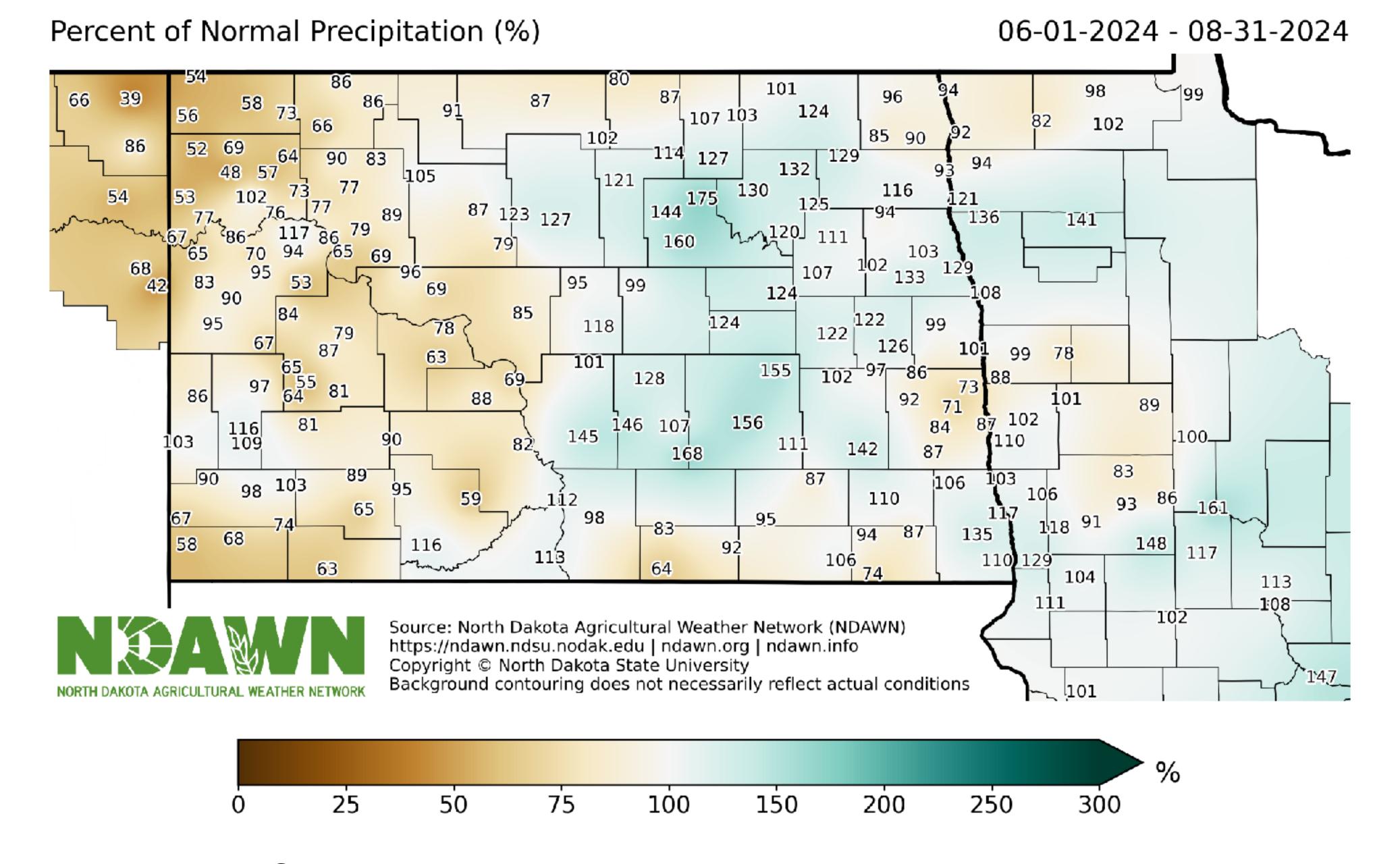
## Two-Week Rain Totals



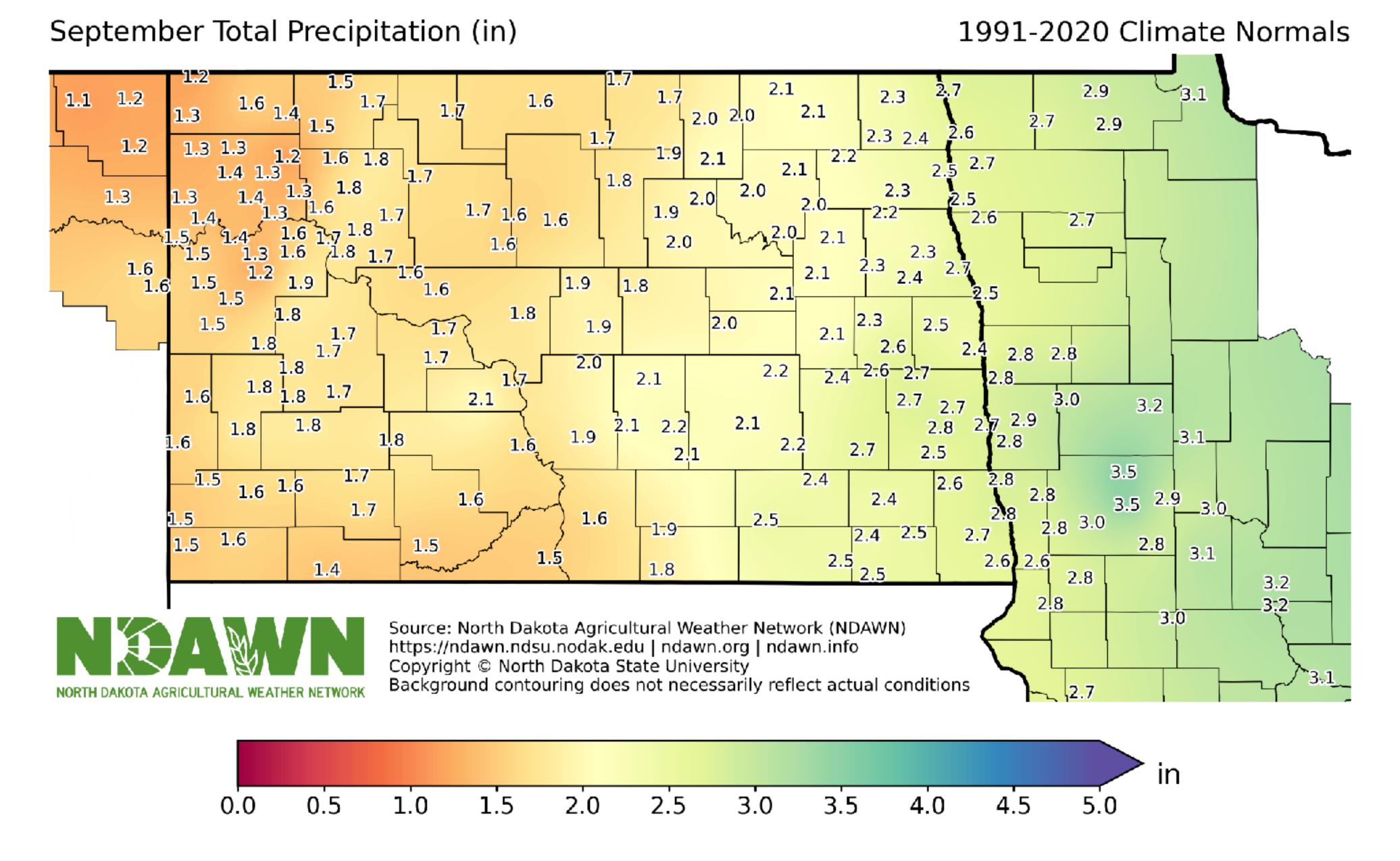




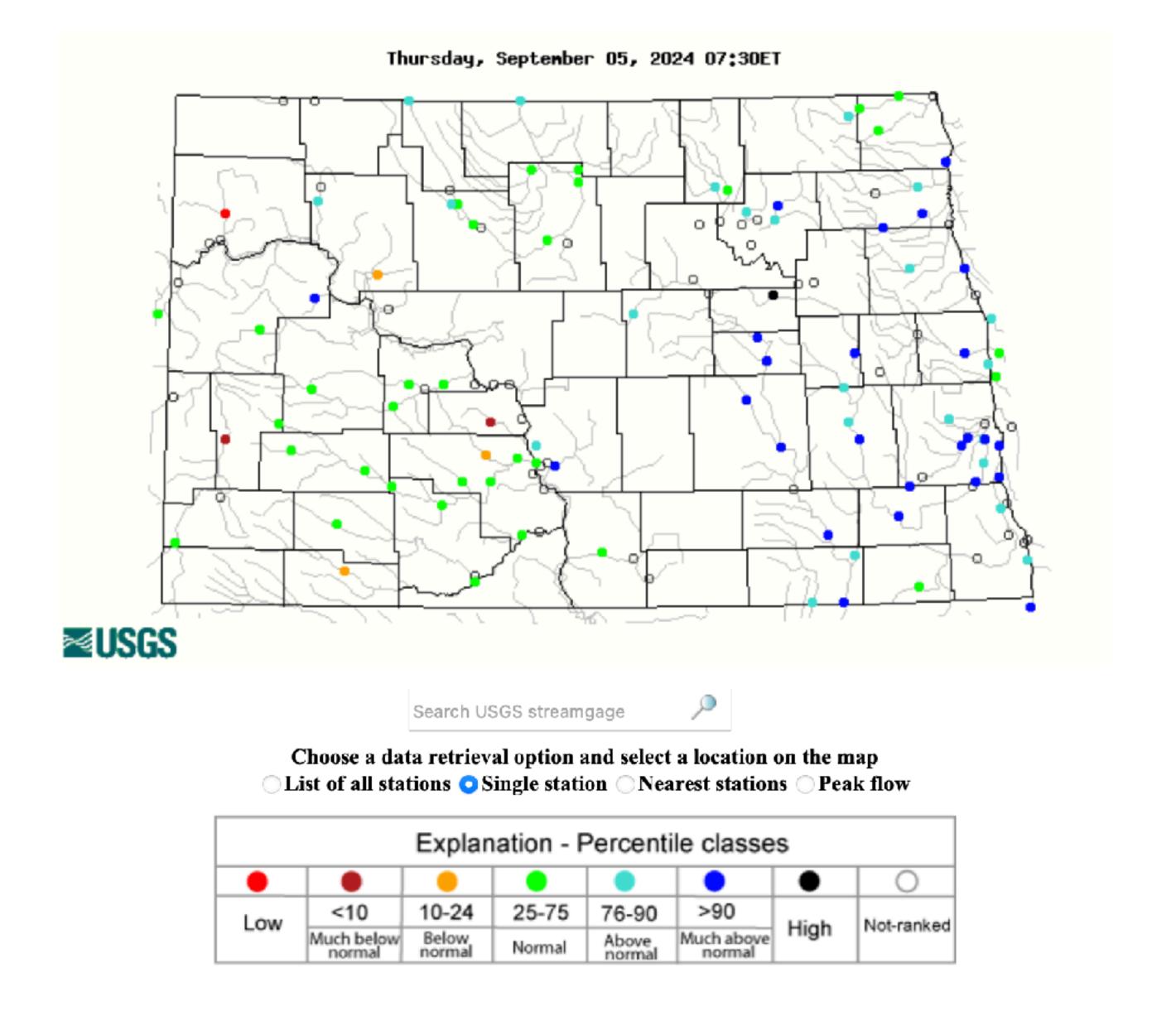
## August Rain



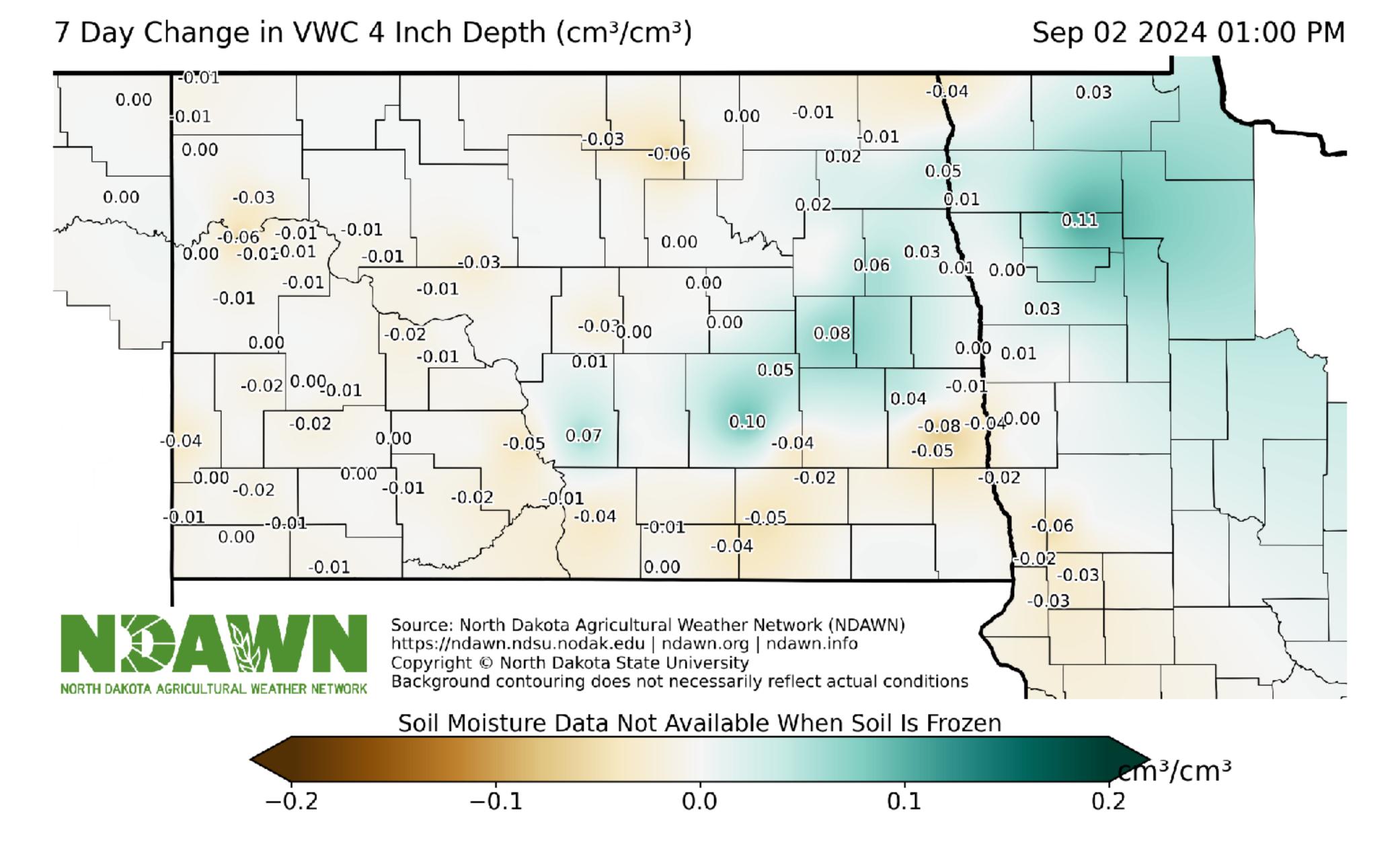
Percent of Average Rain Summer 2024



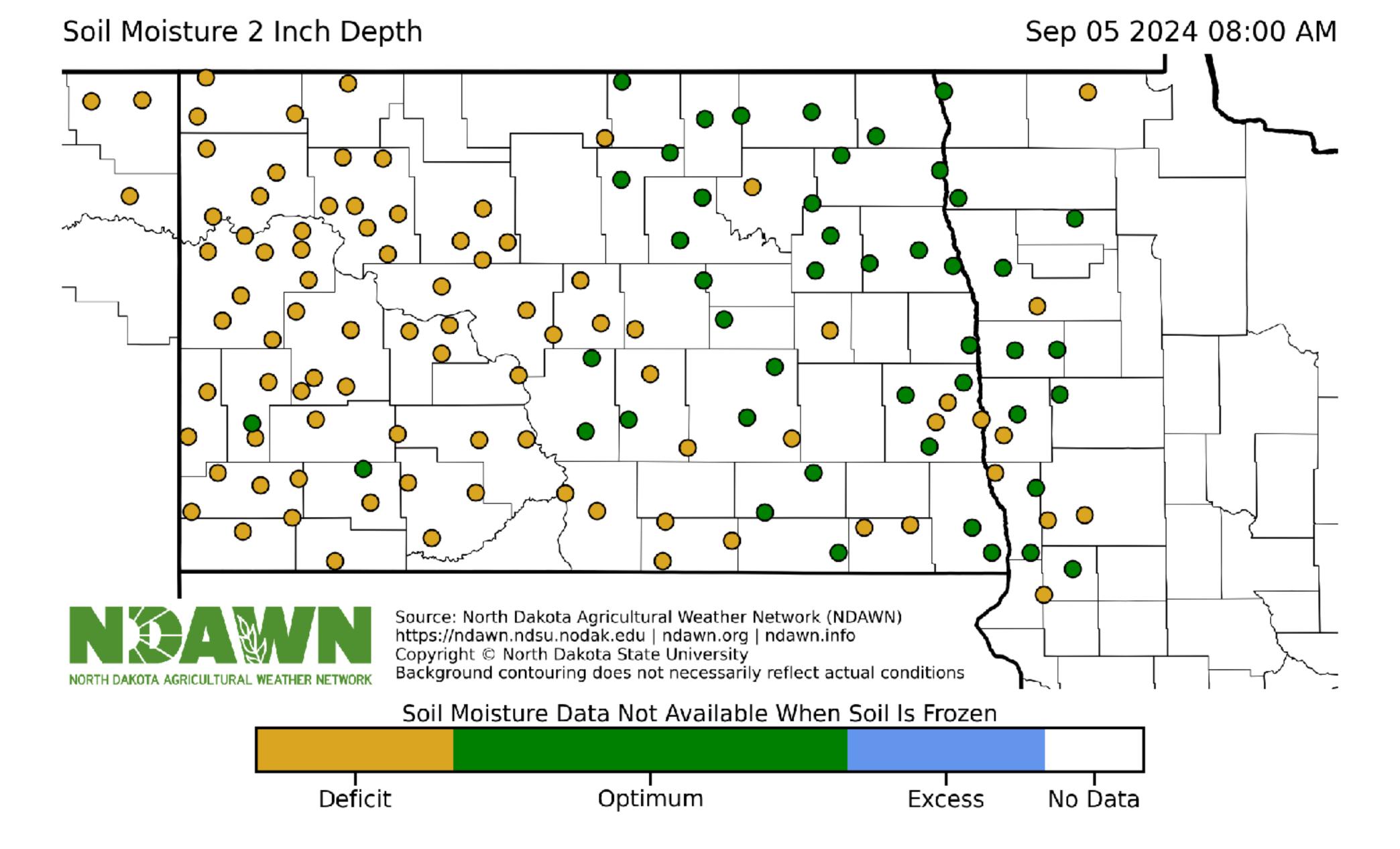
## September Average Rainfall



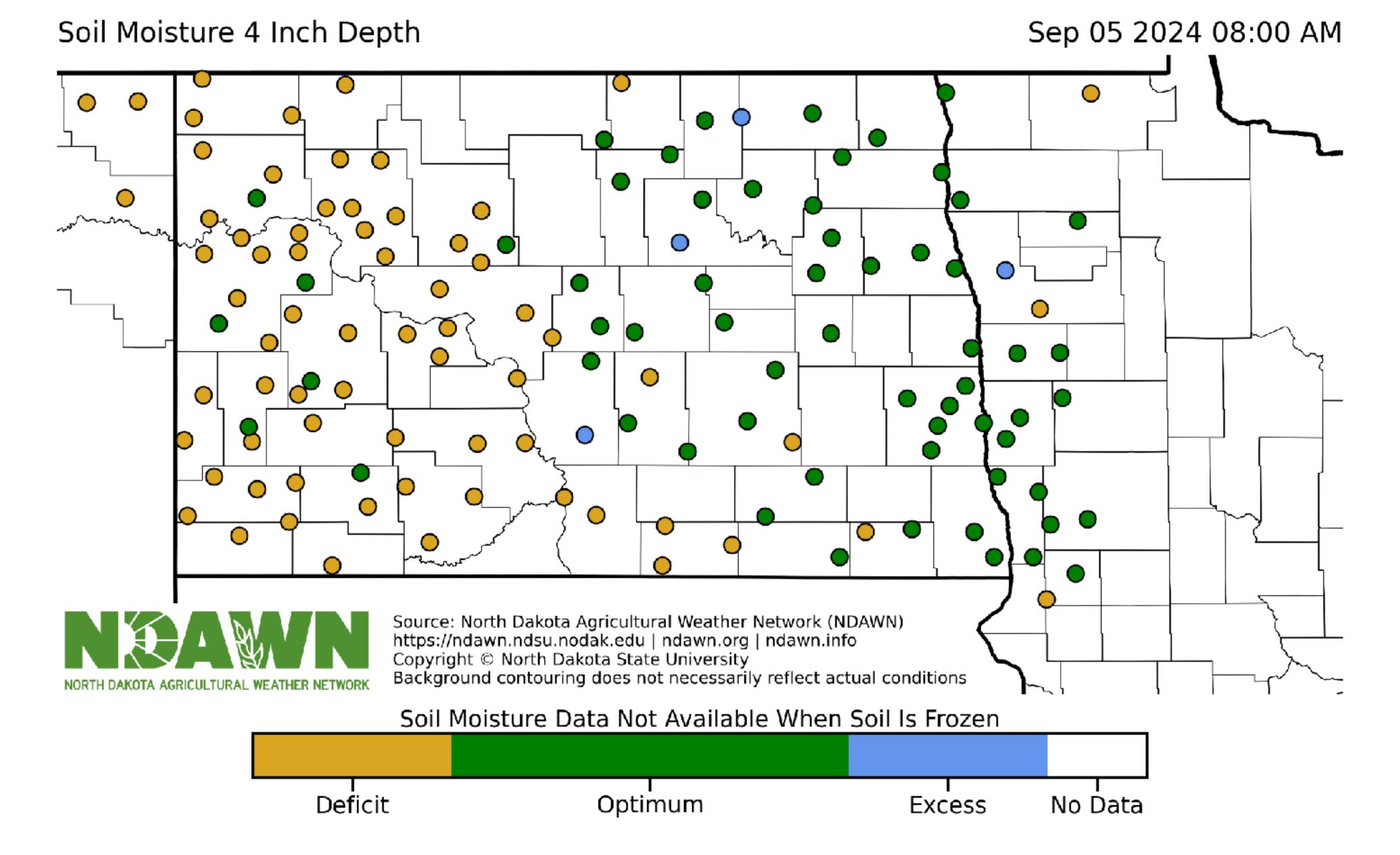
## Stream Flows



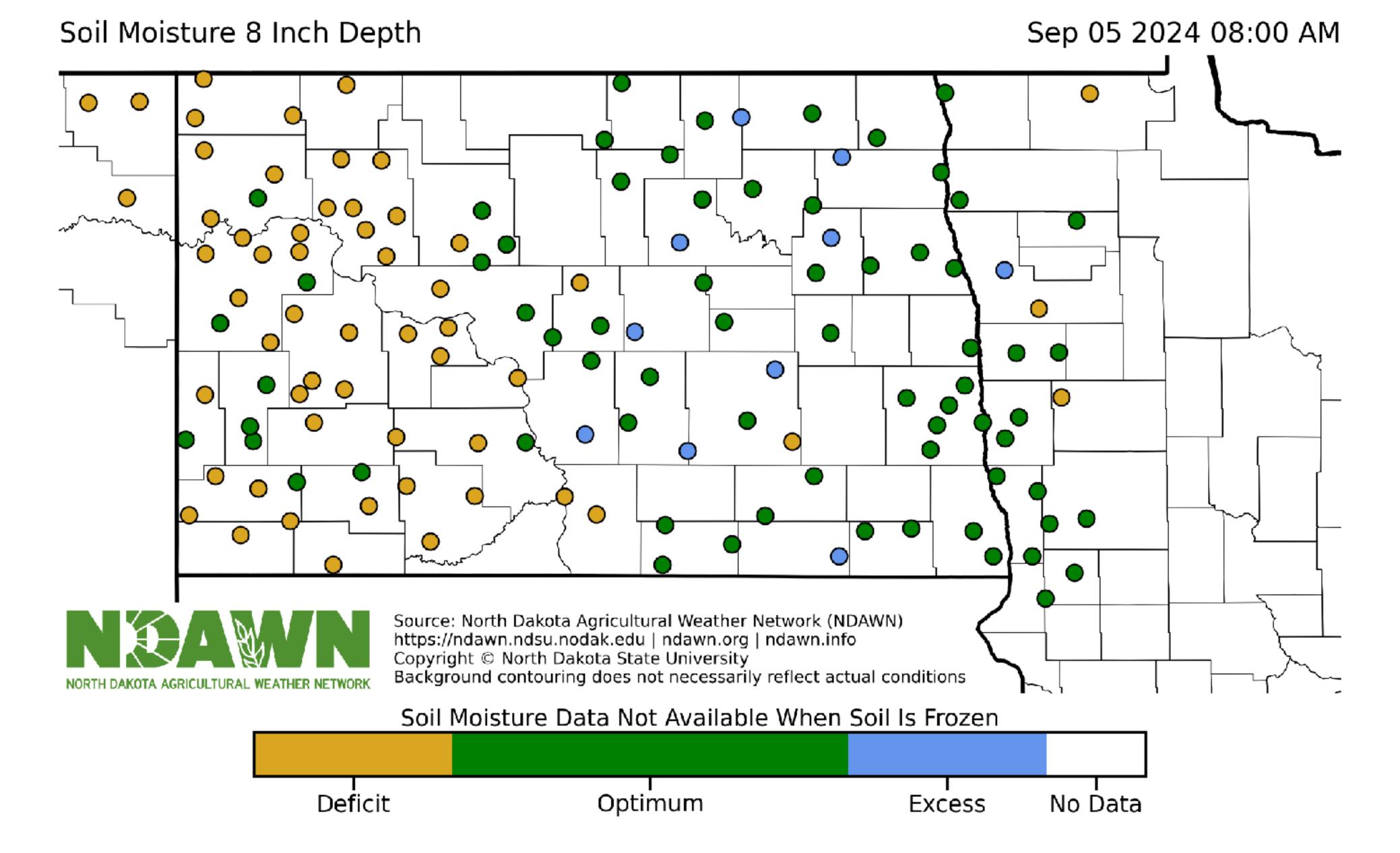
Weekly Soil Water Change at 4 in



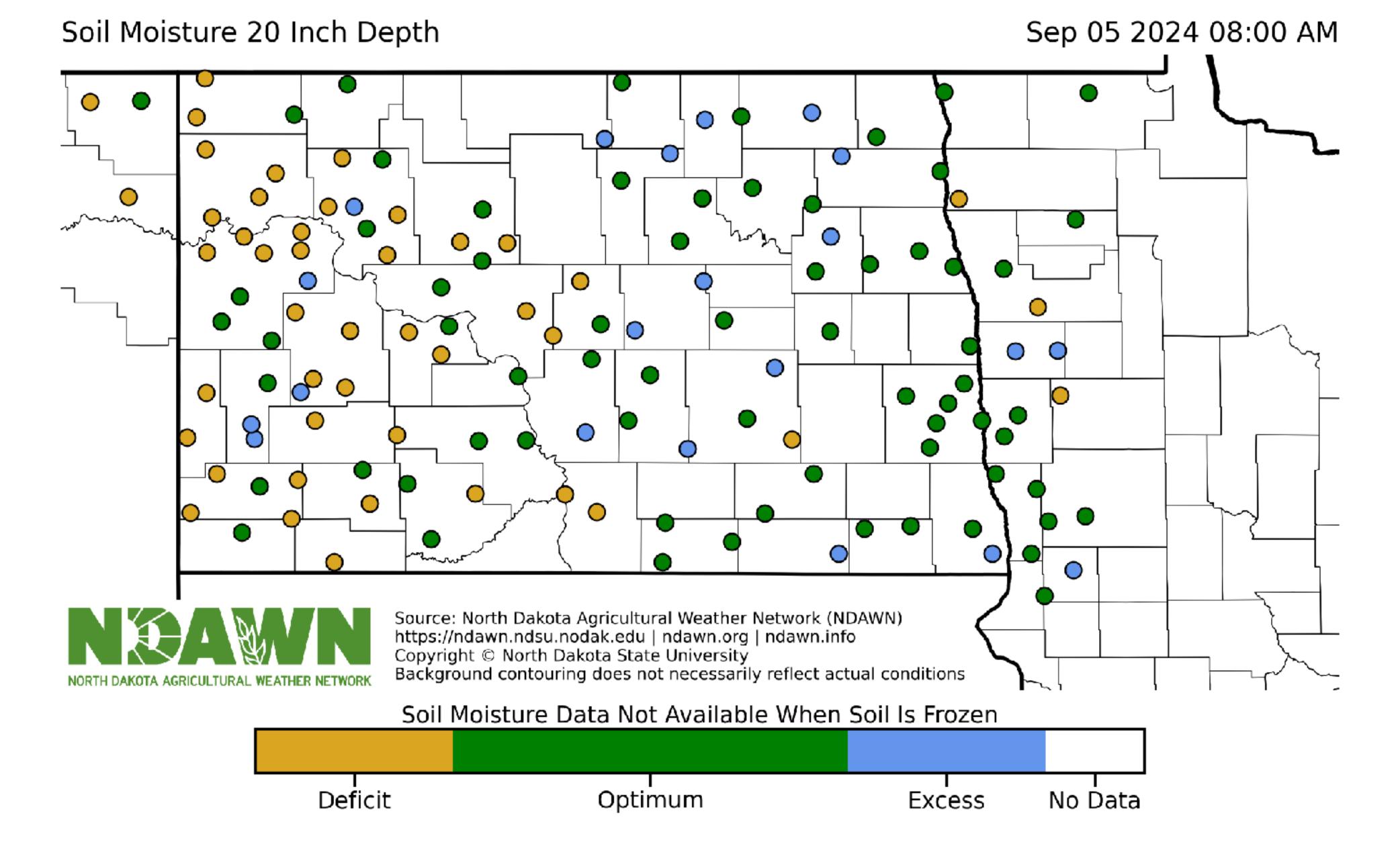
## Soil Water 2 inches



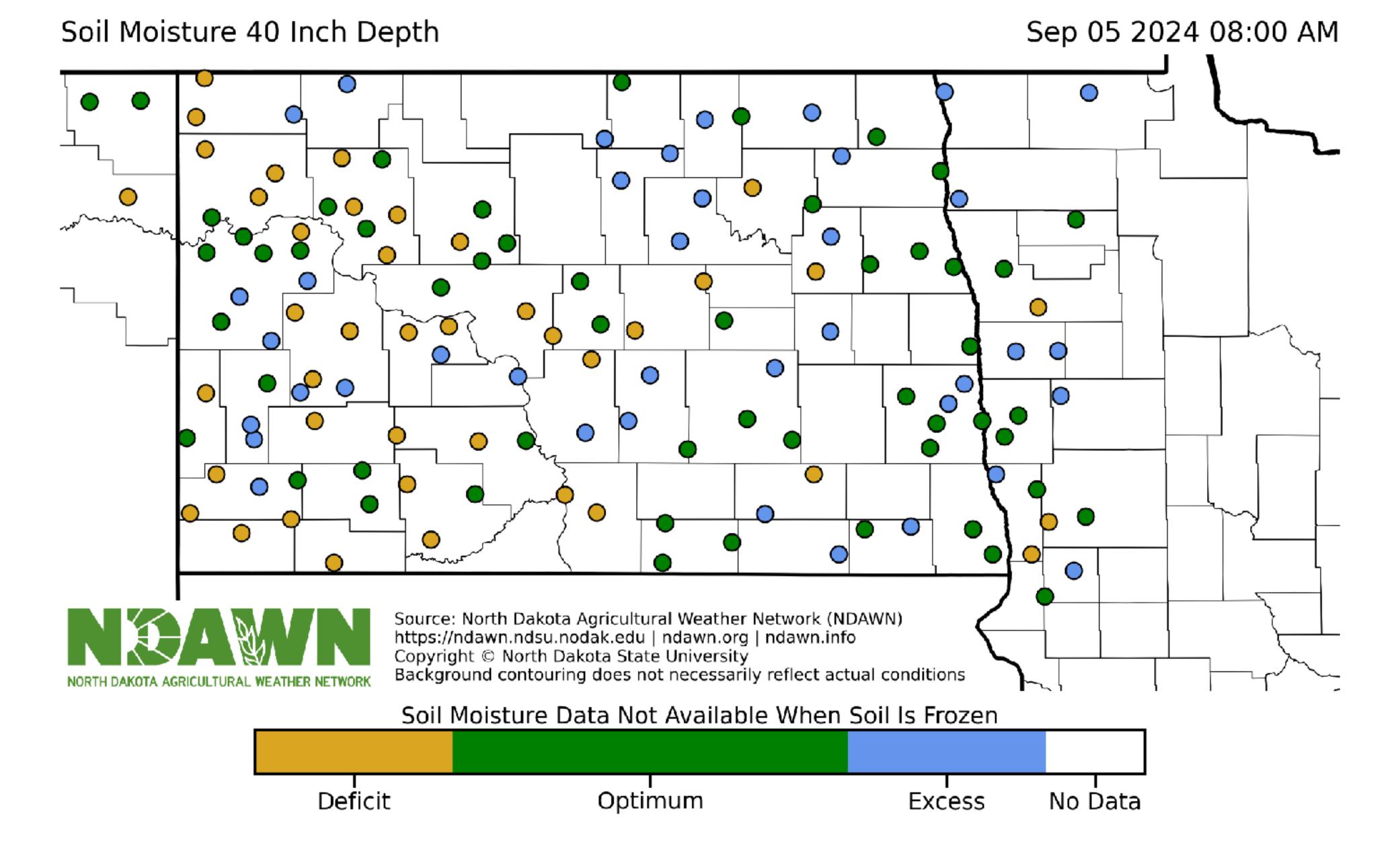
Soil Water 4 inches



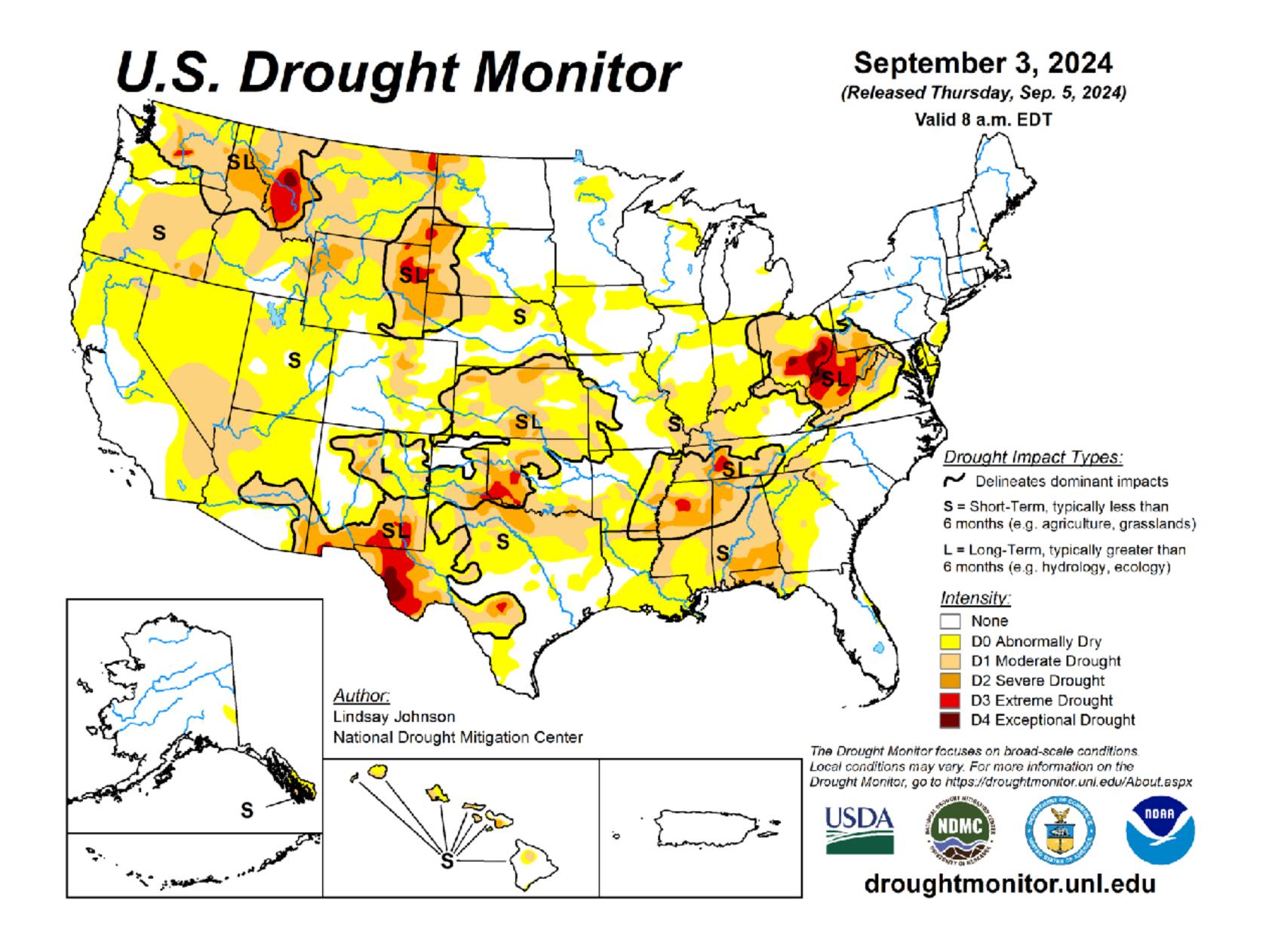
## Soil Water 8 inches



Soil Water 20 inches



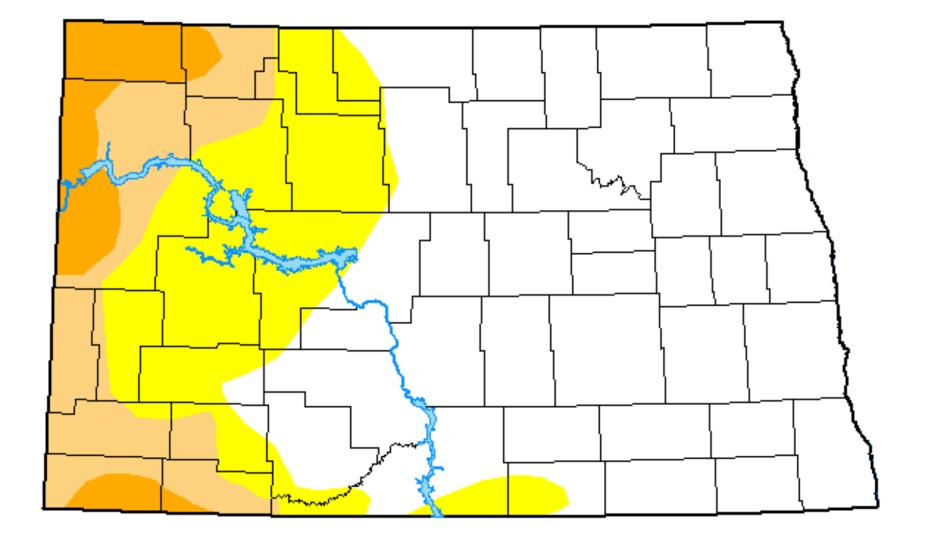
Soil Water 40 inches



Current Drought Monitor

### U.S. Drought Monitor

#### **North Dakota**



#### September 3, 2024

(Released Thursday, Sep. 5, 2024)
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

_	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	62.83	37.17	16.77	5.74	0.00	0.00
Last Week 08-27-2024	64.22	35.78	14.72	4.48	0.00	0.00
3 Month's Ago 06-04-2024	91.73	8.27	2.23	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 09-05-2023	46.64	53.36	34.37	17.67	2.56	0.00

#### Intensity:

None D2 Severe Drought
D0 Abnormally Dry D3 Extreme Drought
D1 Moderate 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:

Lindsay Johnson National Drought Mitigation Center



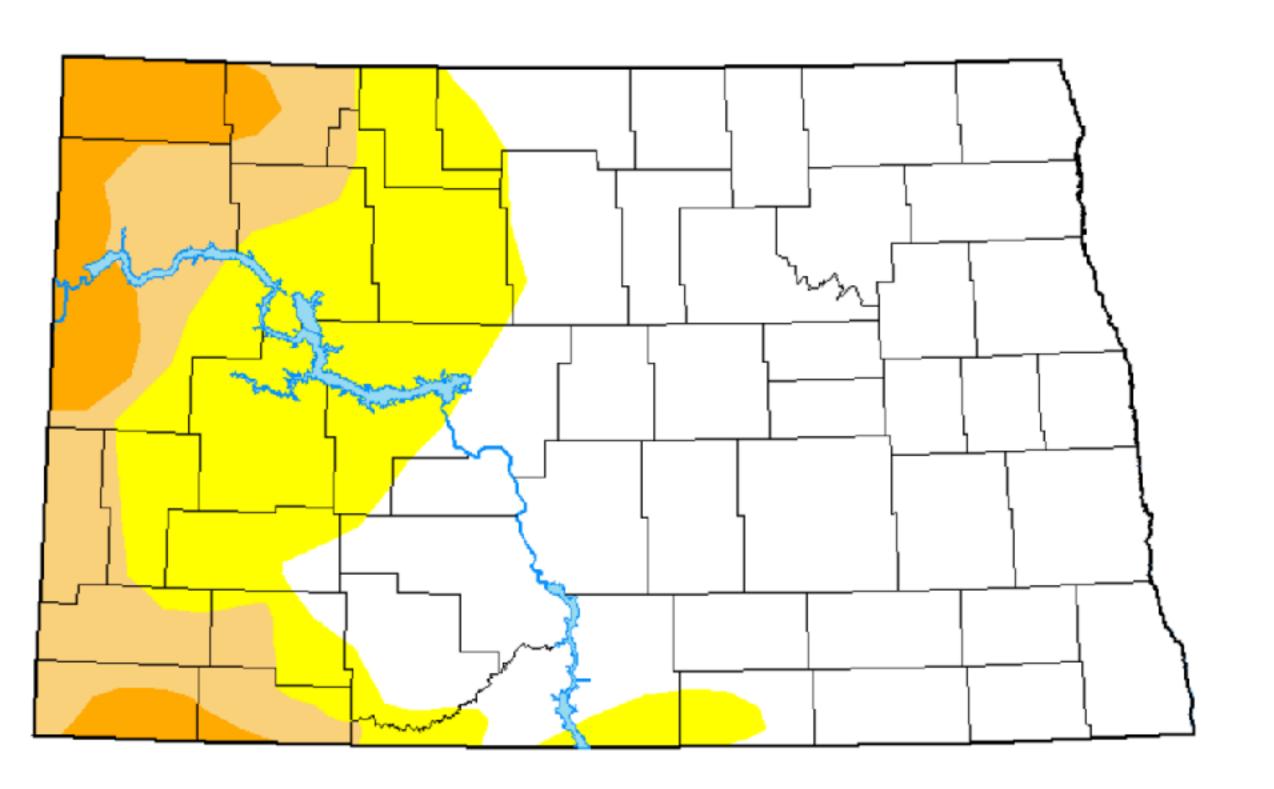


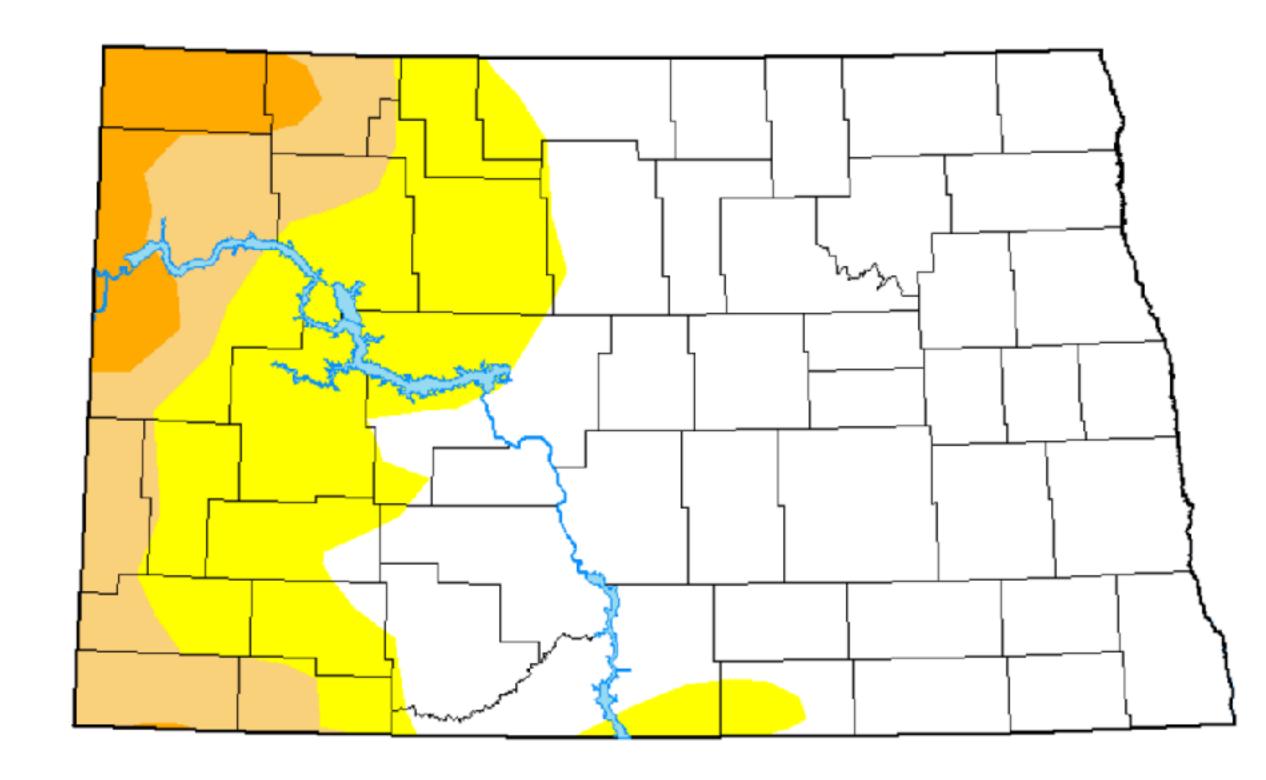




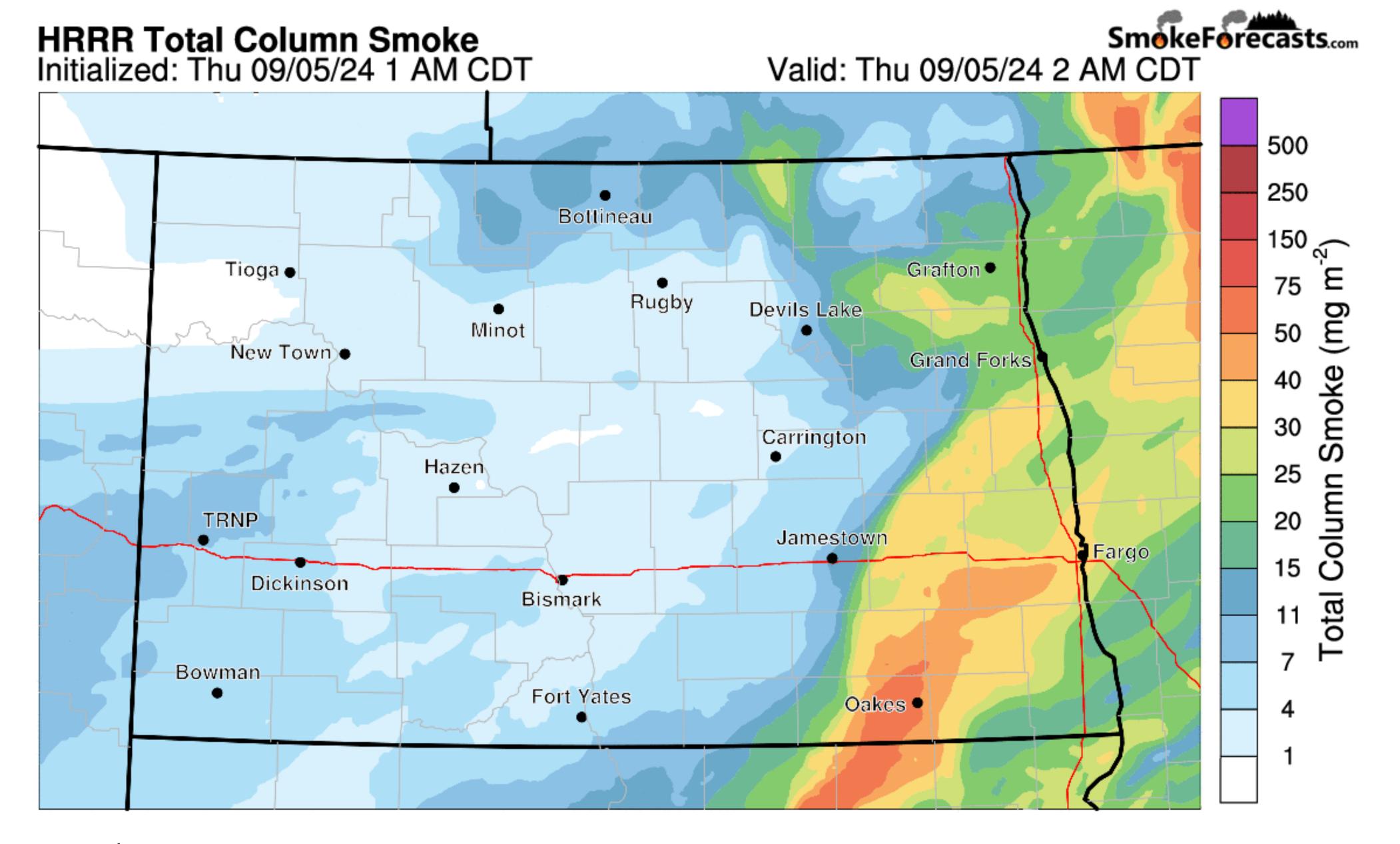
droughtmonitor.unl.edu

# Current Drought Monitor

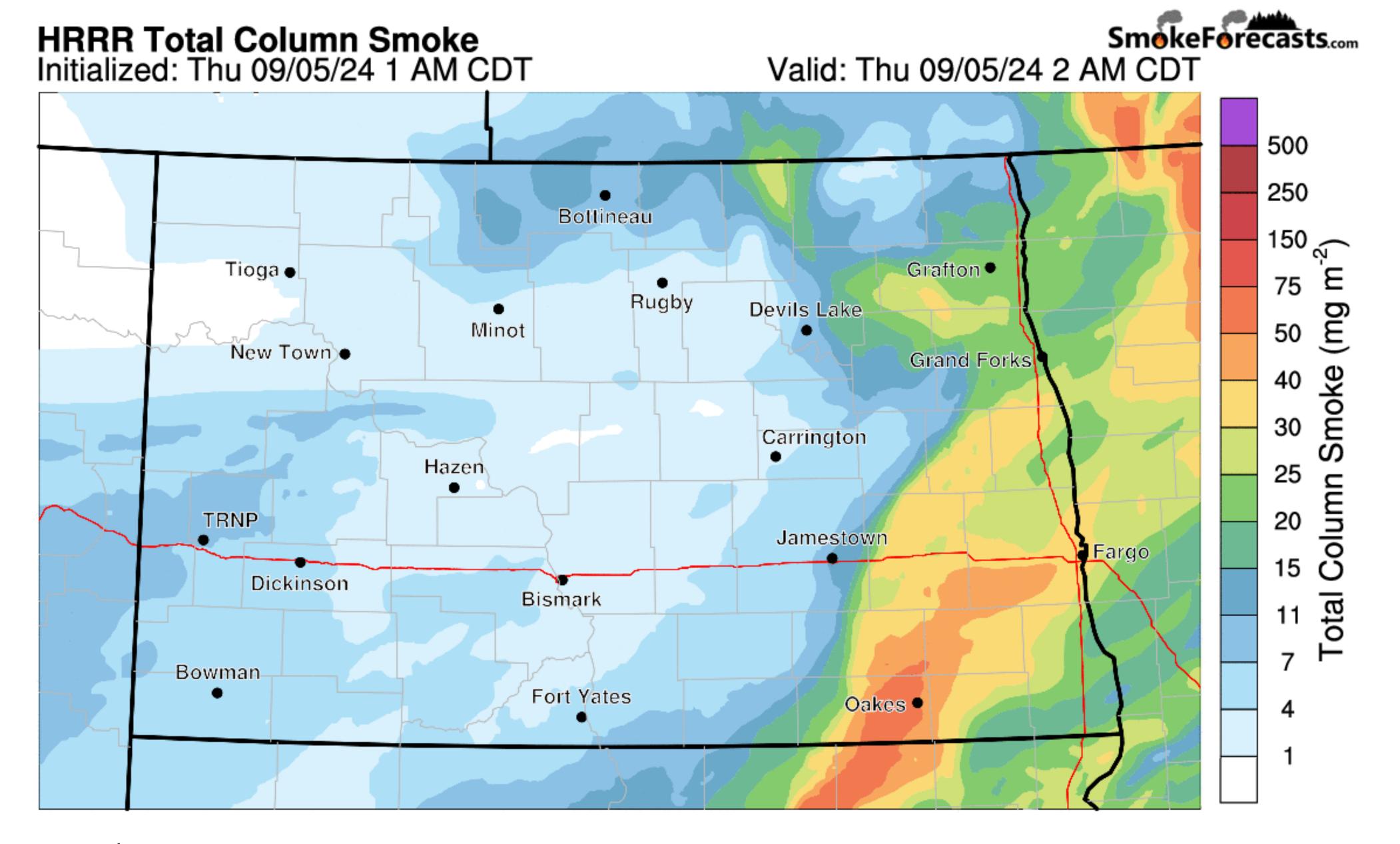




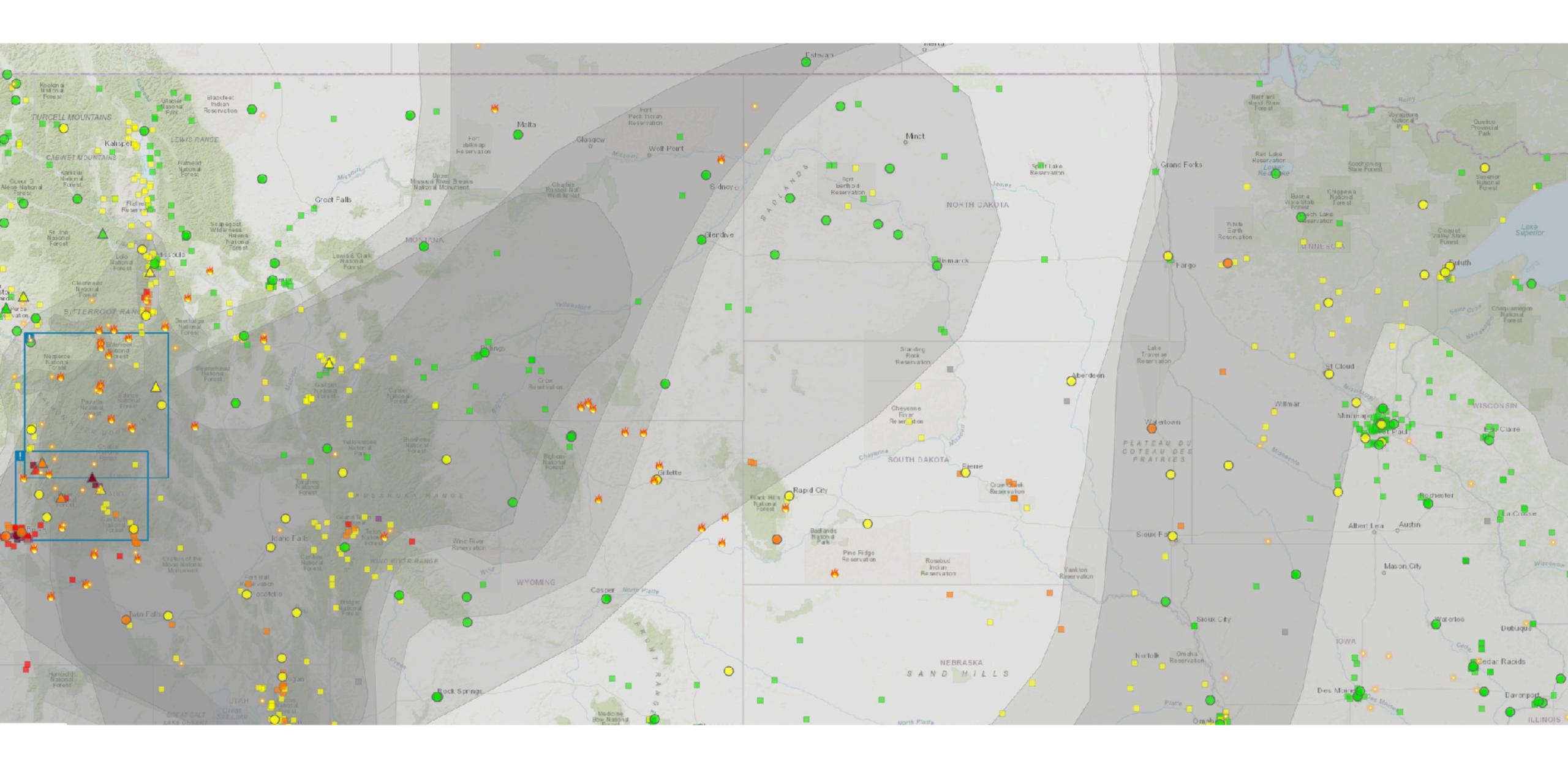
## Two Week Comparison



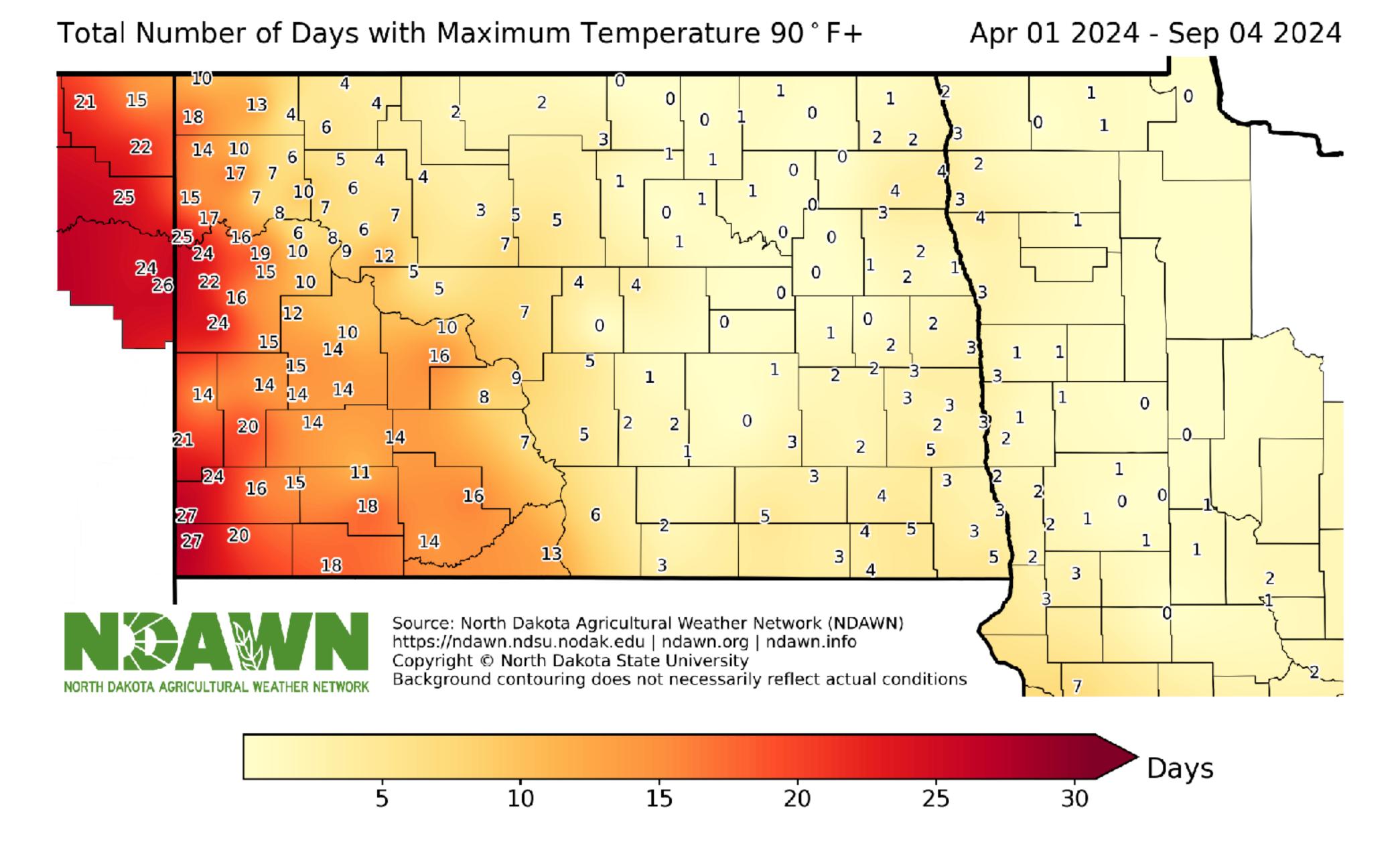
Smoke Forecast



Smoke Forecast



Air Quality and Fire Location



90° Days in 2024

# Summary

Warmer Next two Weeks / Widespread Freeze Unlikely

Warmer Next two Weeks / Widespread Freeze Unlikely

Occasional Smokey Days

Warmer Next two Weeks / Widespread Freeze Unlikely

Occasional Smokey Days

Generally Dry Pattern for North Dakota

# daryl.ritchison@ndsu.edu