

# **North Dakota Bi-Weekly Drought Update**

Daryl Ritchison, February 6, 2025



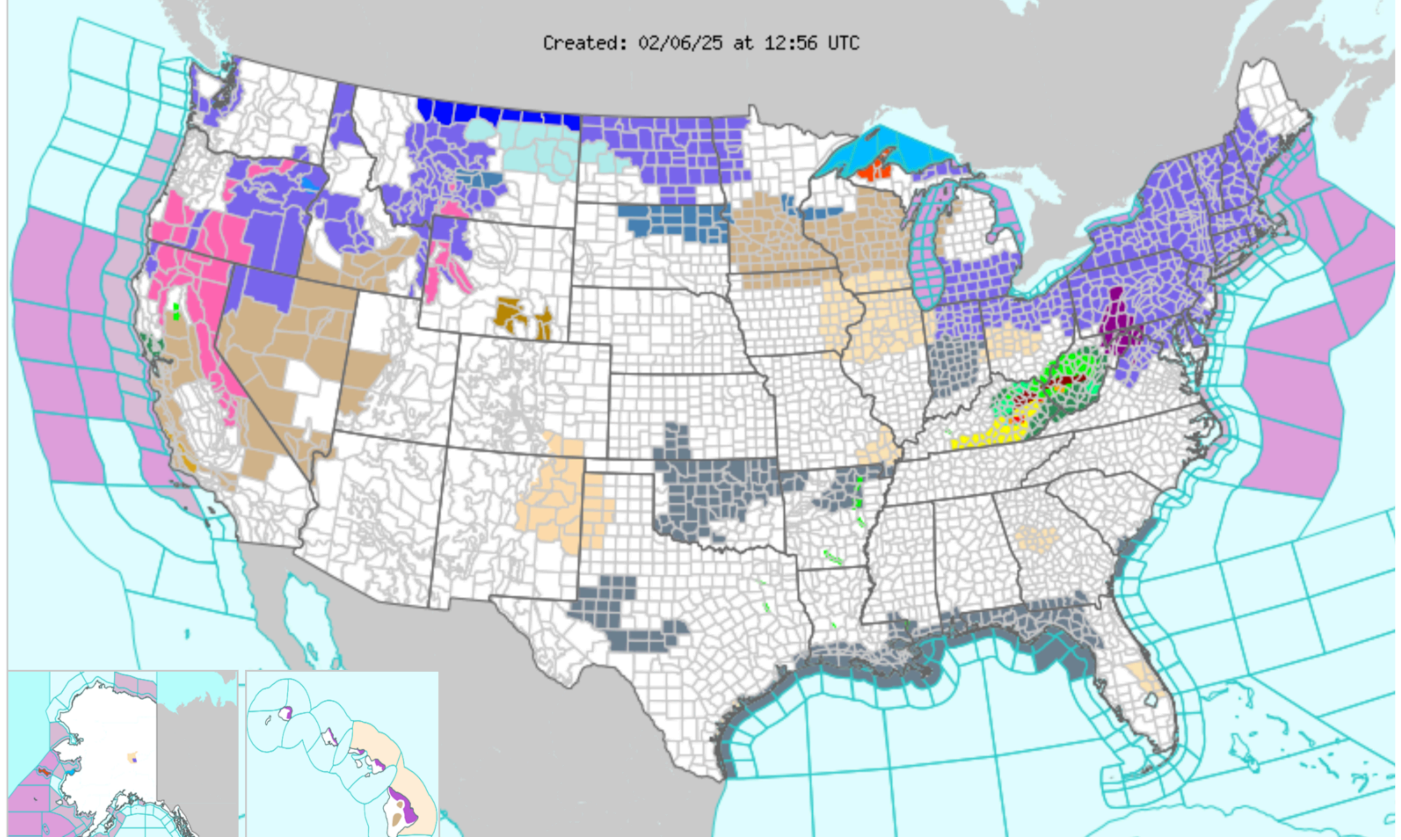
SouthEast



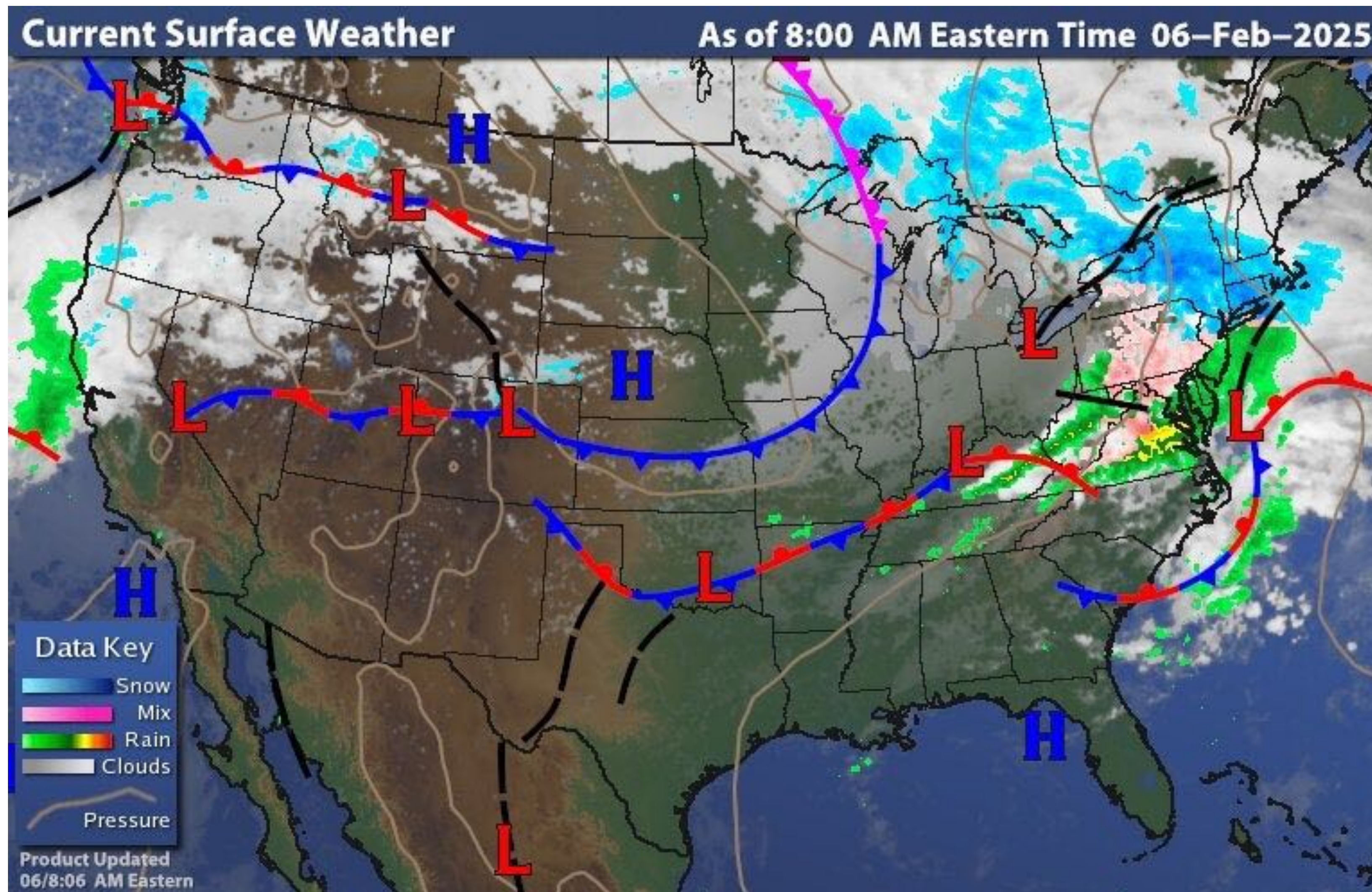
NDAWN Maddock

02/06/2025 08:50:15 AM

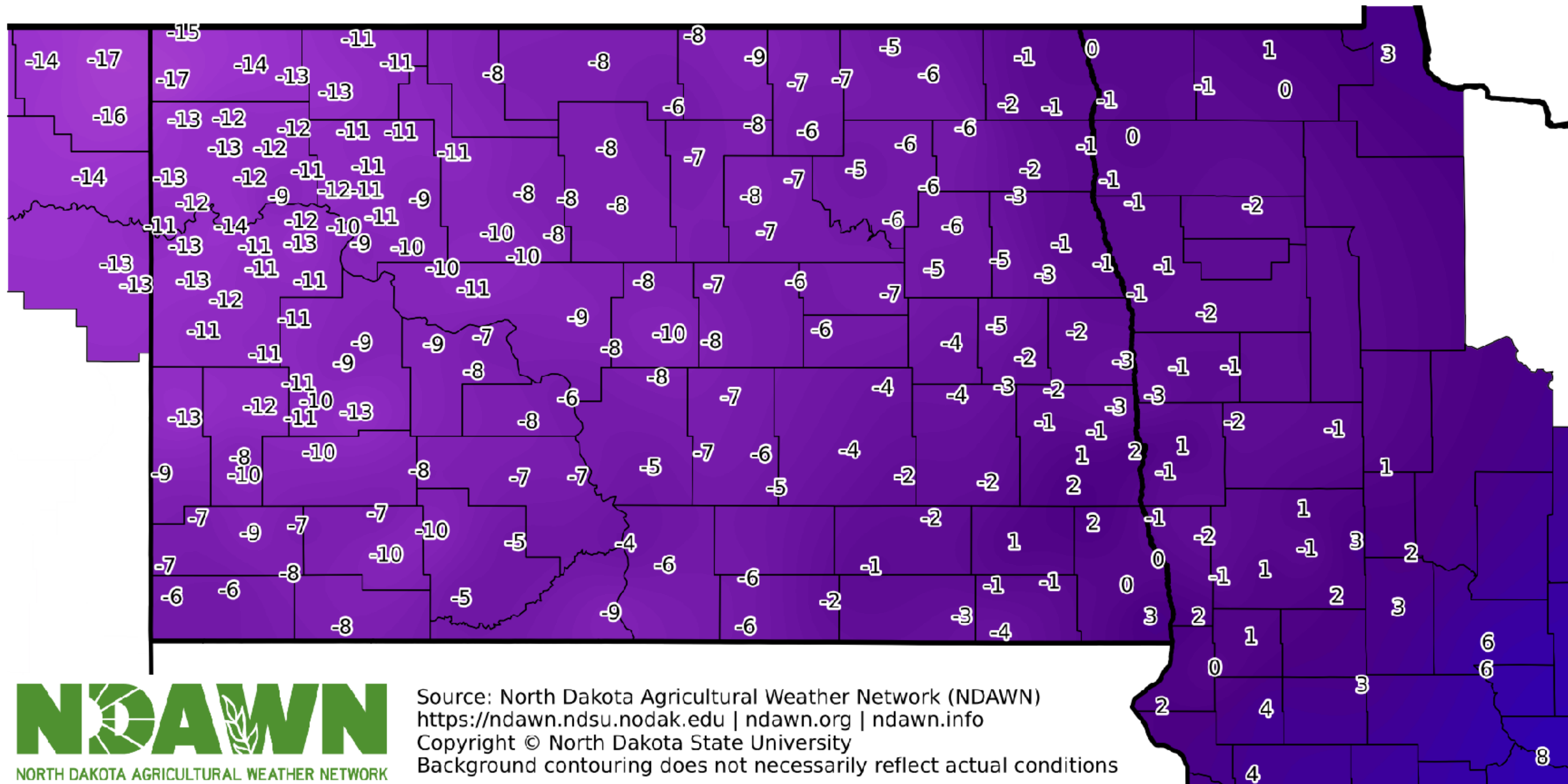
Created: 02/06/25 at 12:56 UTC



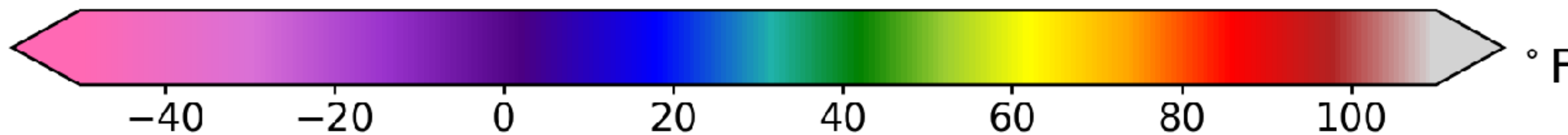
# National Advisories



# National Surface Analysis

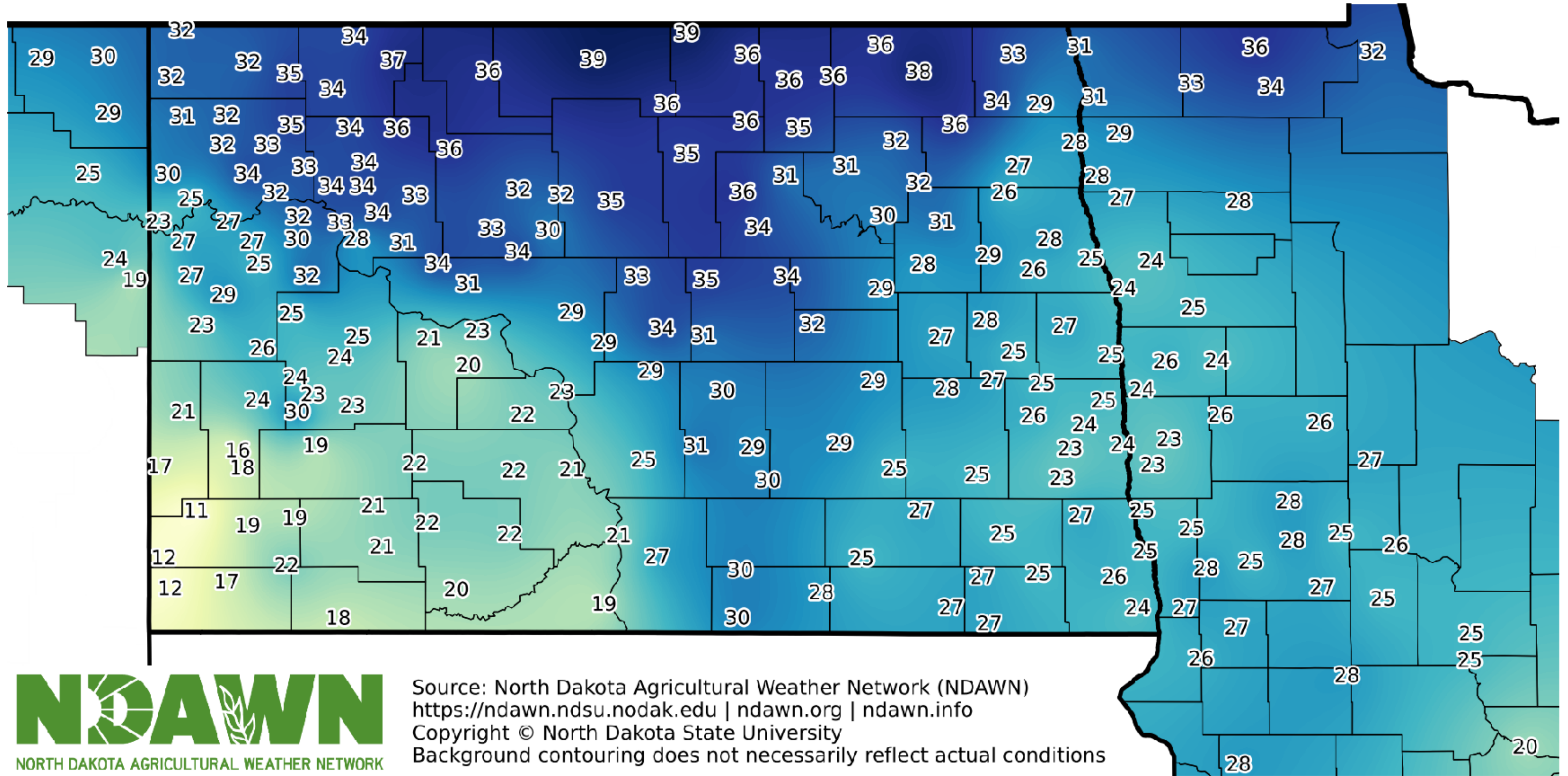


Source: North Dakota Agricultural Weather Network (NDAWN)  
<https://ndawn.ndsu.nodak.edu> | [ndawn.org](http://ndawn.org) | [ndawn.info](http://ndawn.info)  
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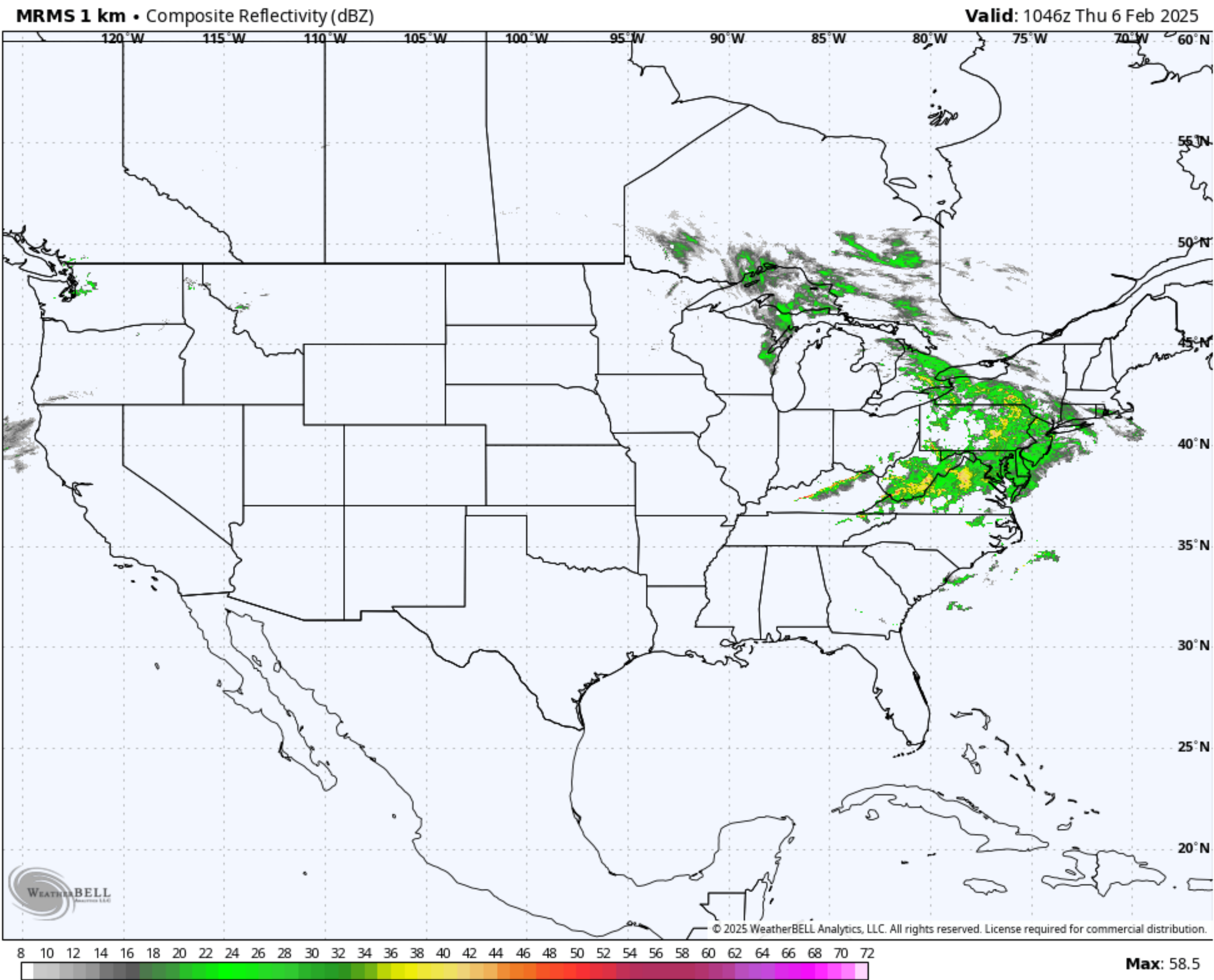
# Total Days with Minimum Temperature Below 0° F

Sep 01 2024 - Feb 05 2025



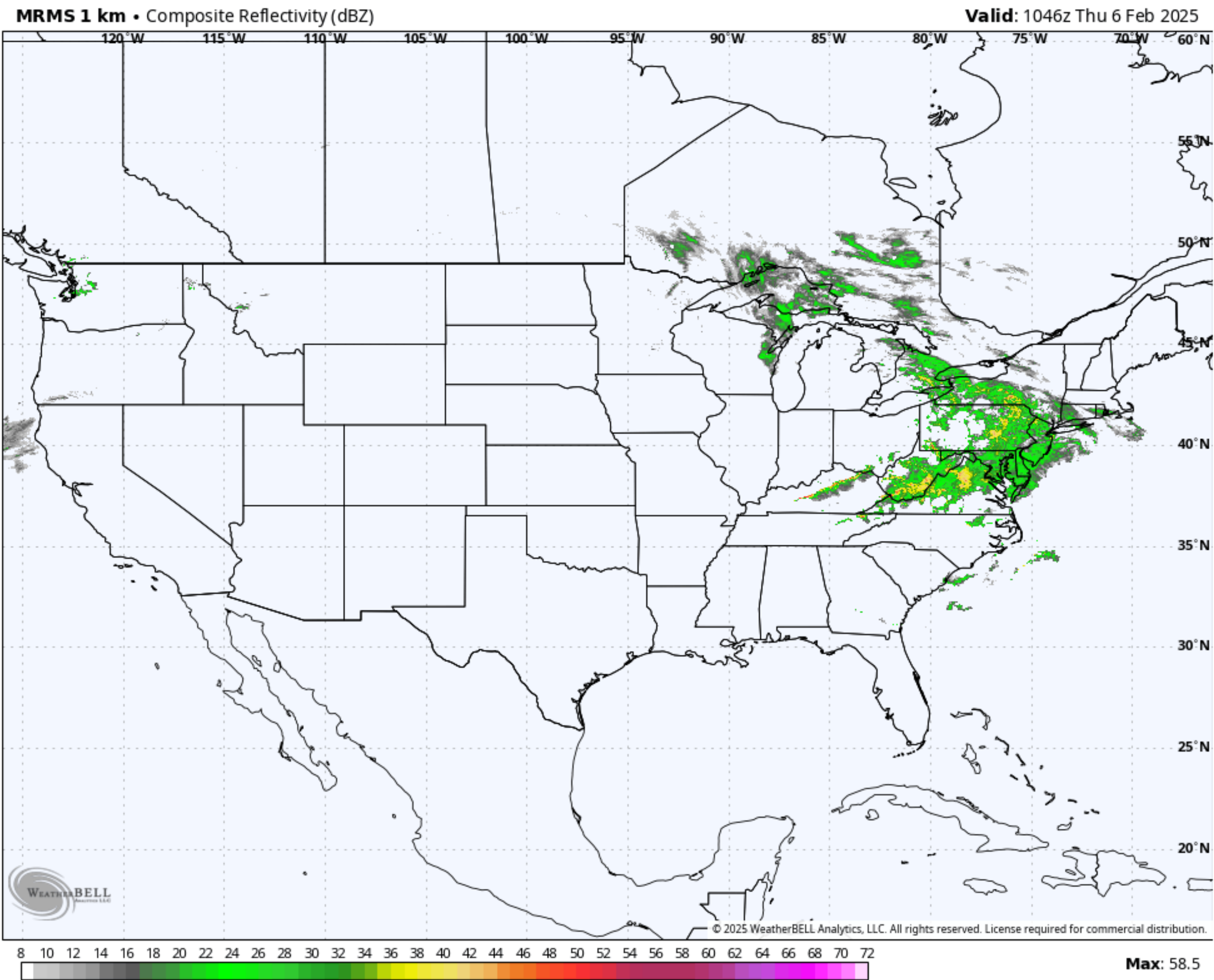
Source: North Dakota Agricultural Weather Network (NDAWN)  
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# Radar This Morning

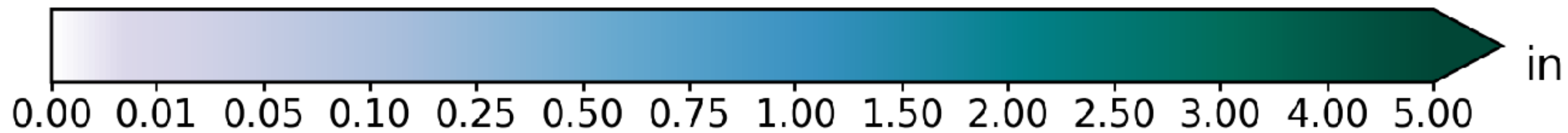
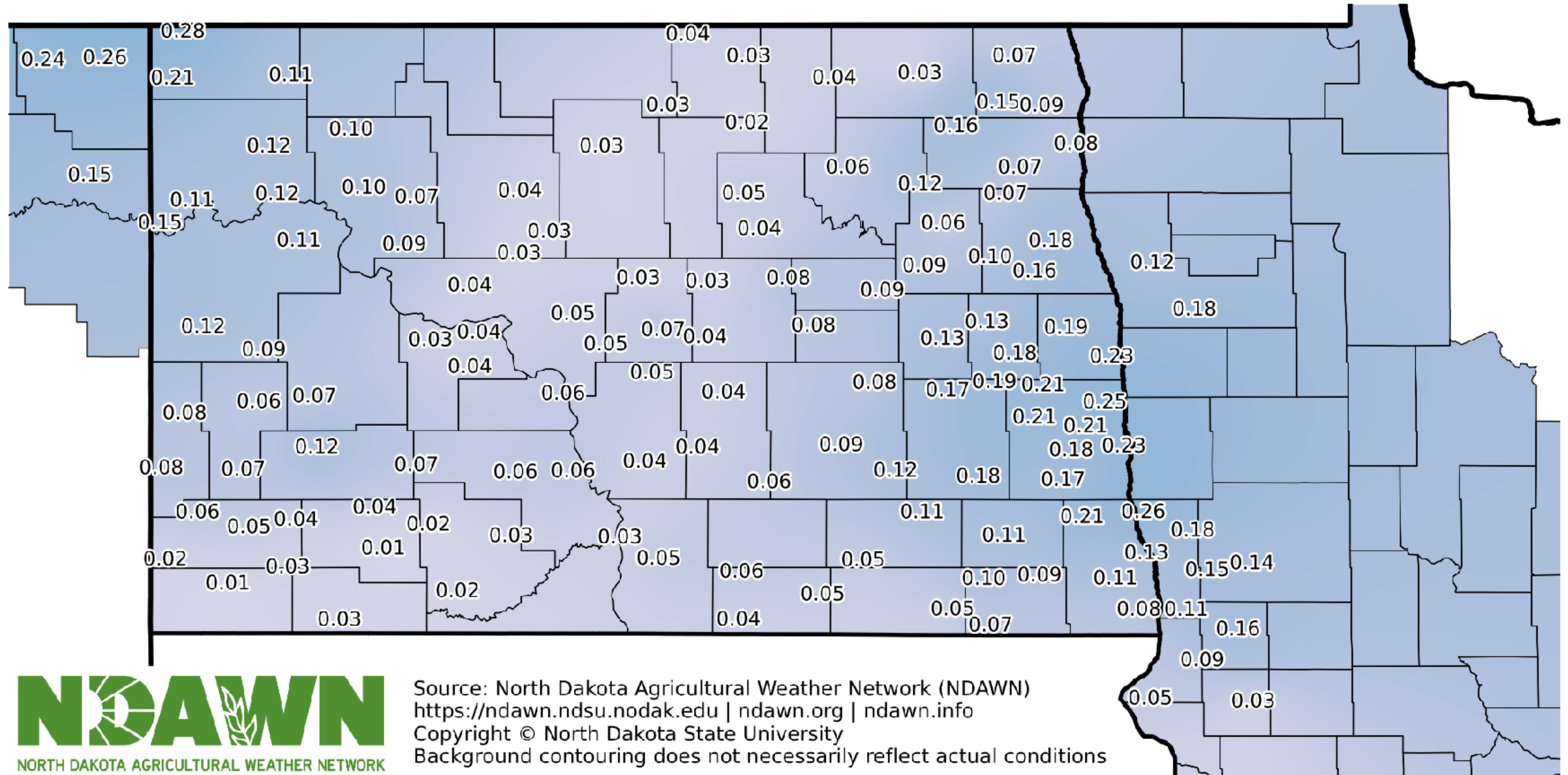


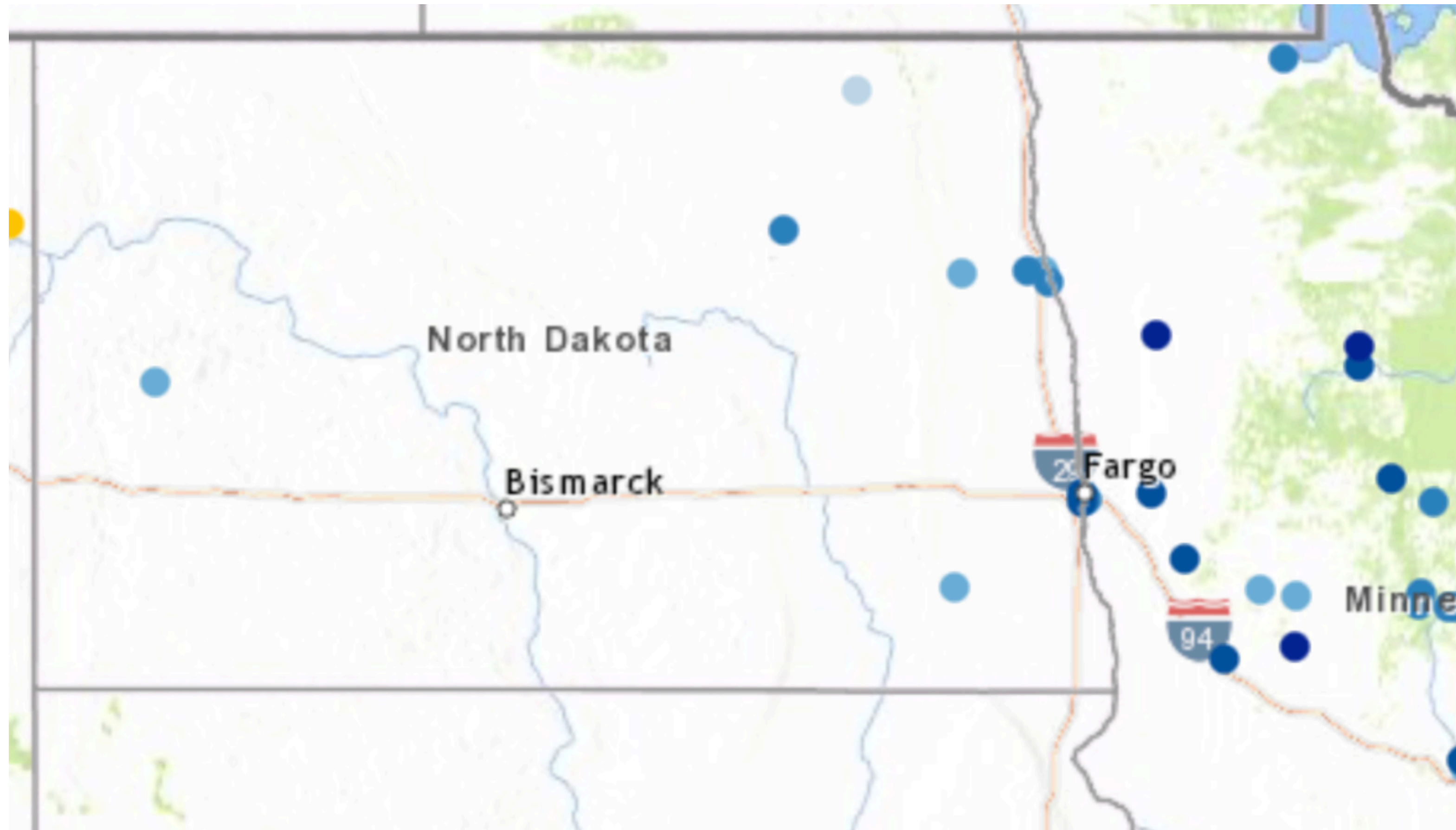


# Radar This Morning

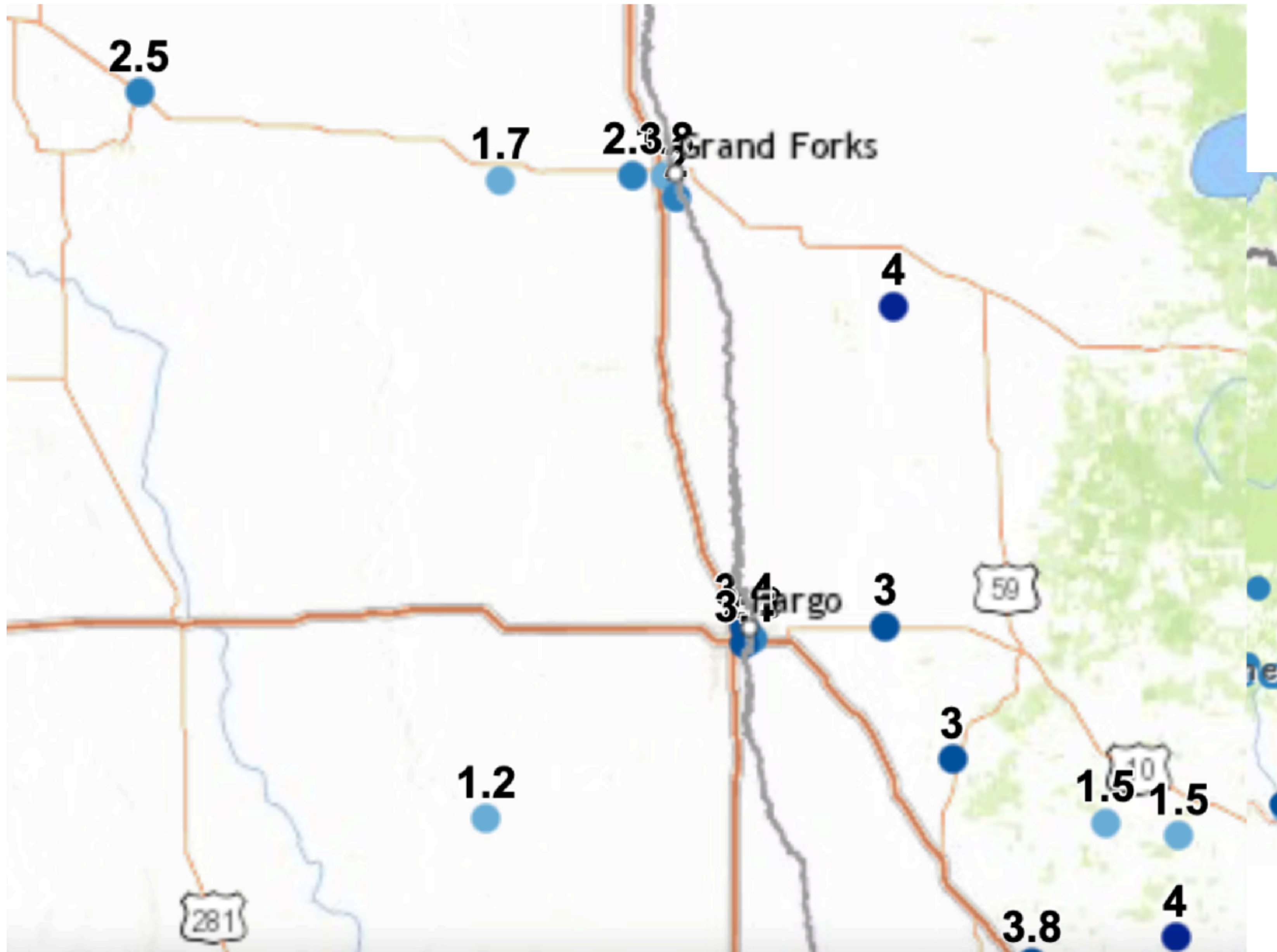
# Total Precipitation Since Yesterday (in)

Feb 06 2025 08:06 AM





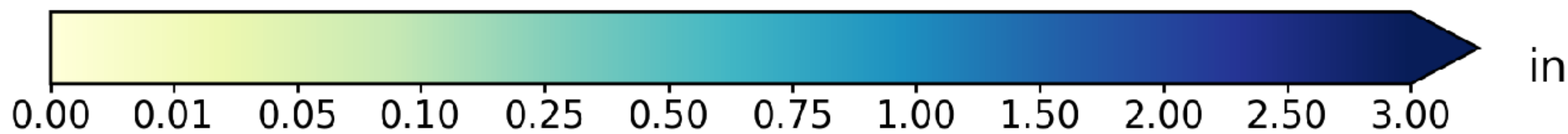
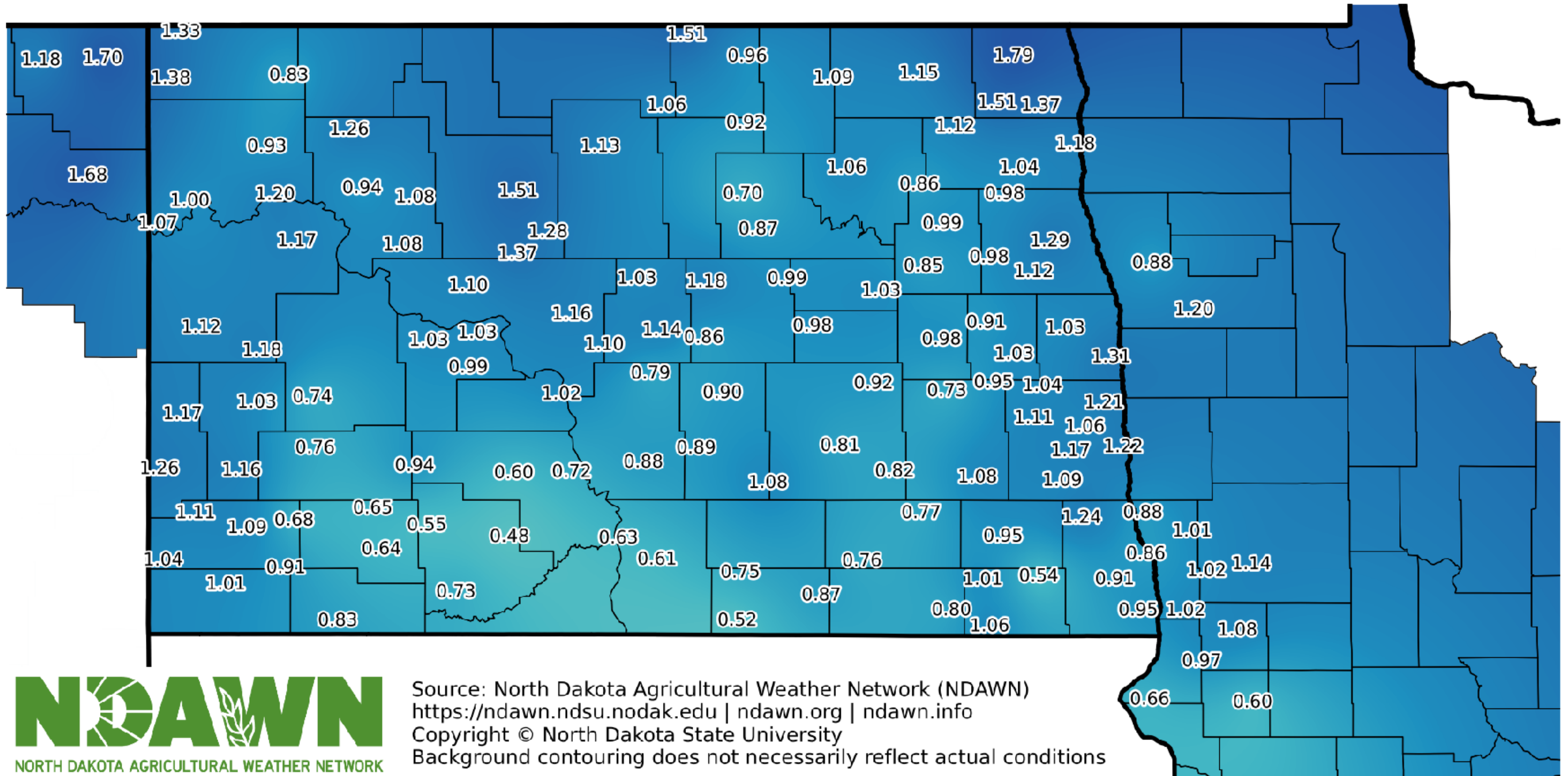
24 hour Snow Totals



24 hour Snow Totals

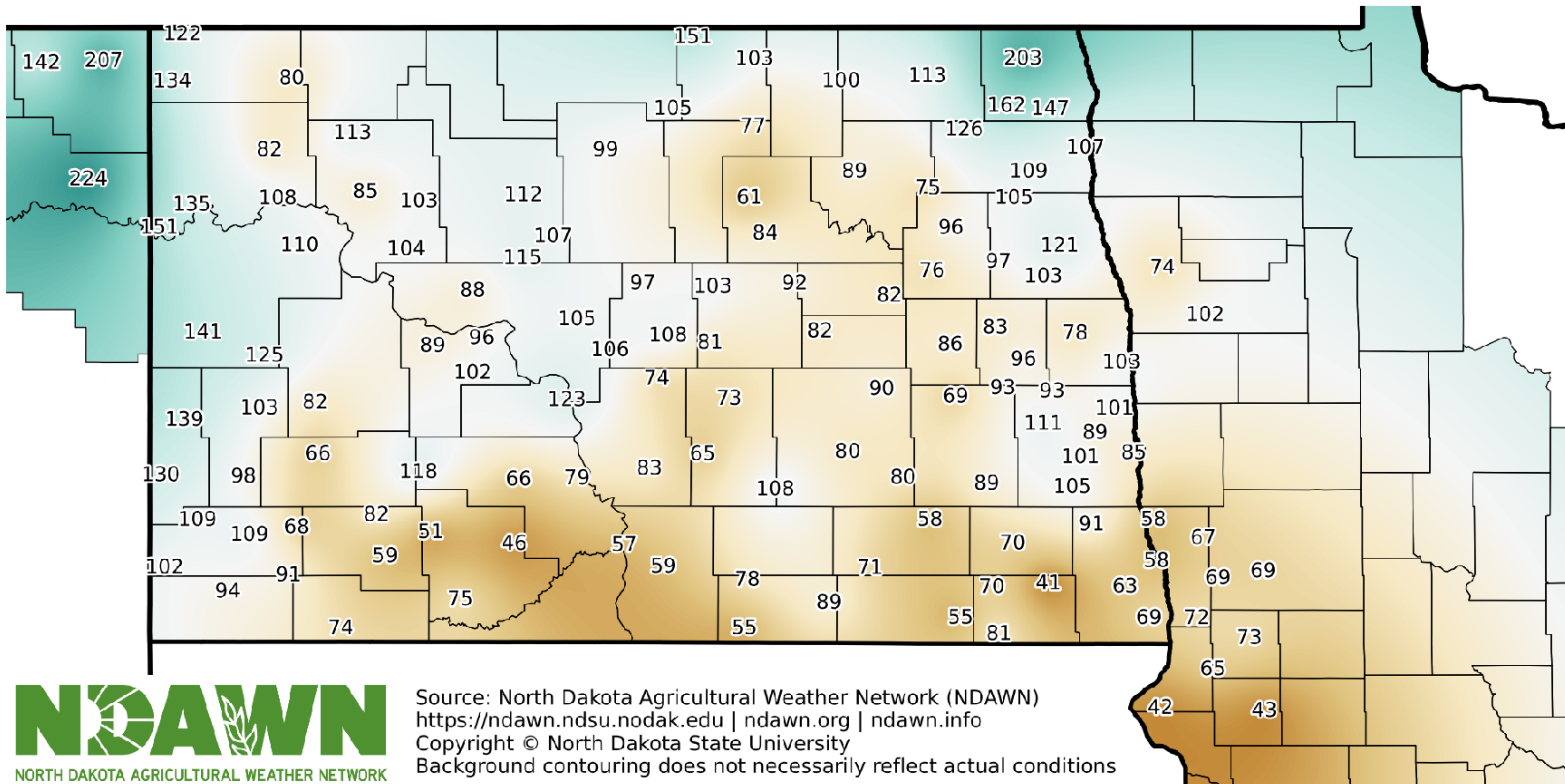
# Total Precipitation - Past 60 Days (in)

Feb 05 2025

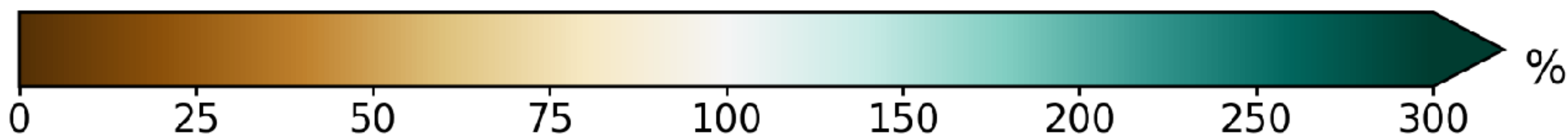


# Percent of Normal Precipitation - Past 60 Days (%)

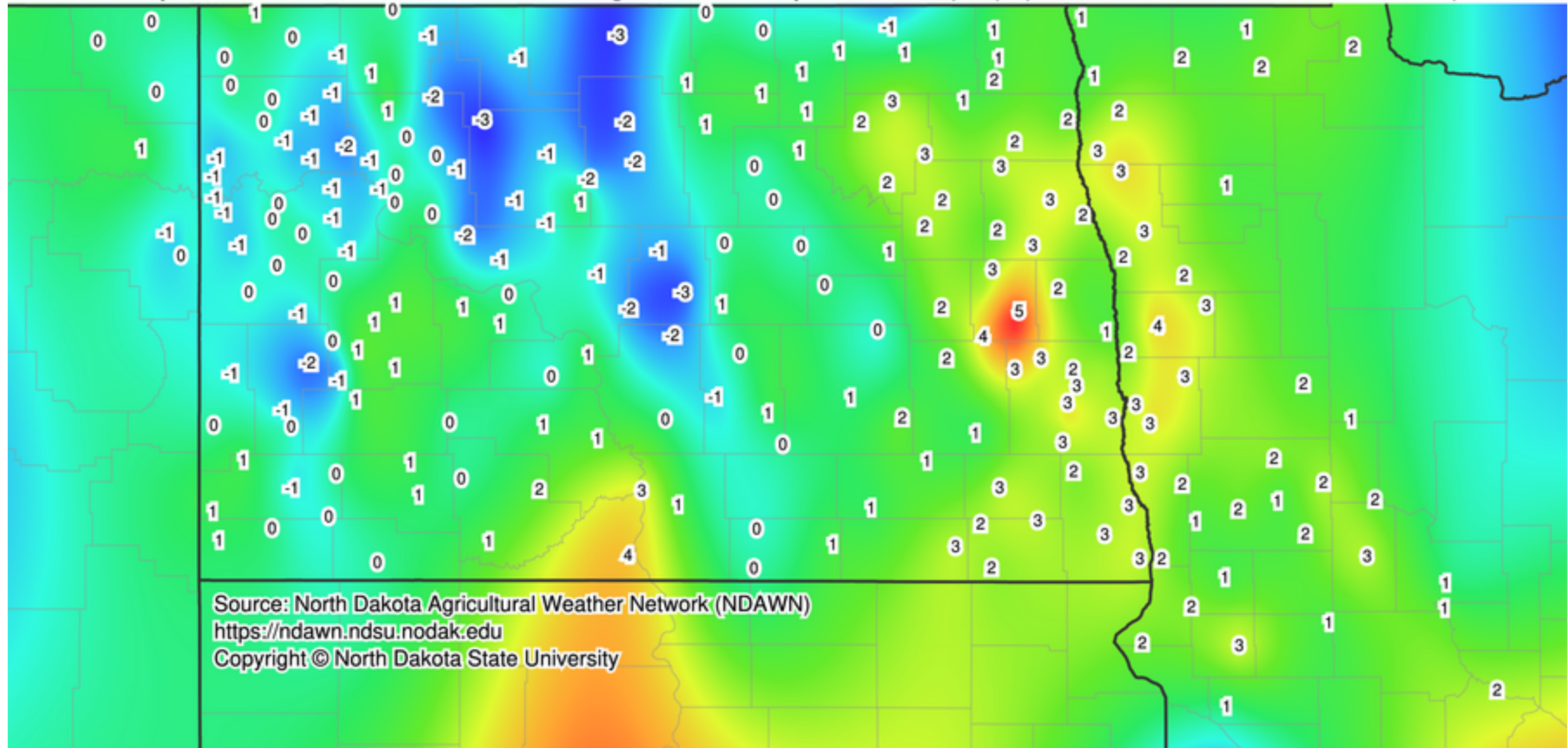
Feb 05 2025



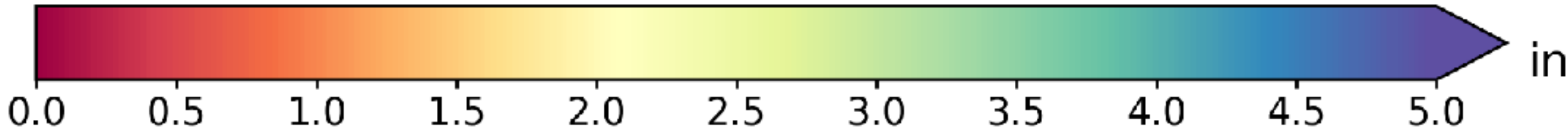
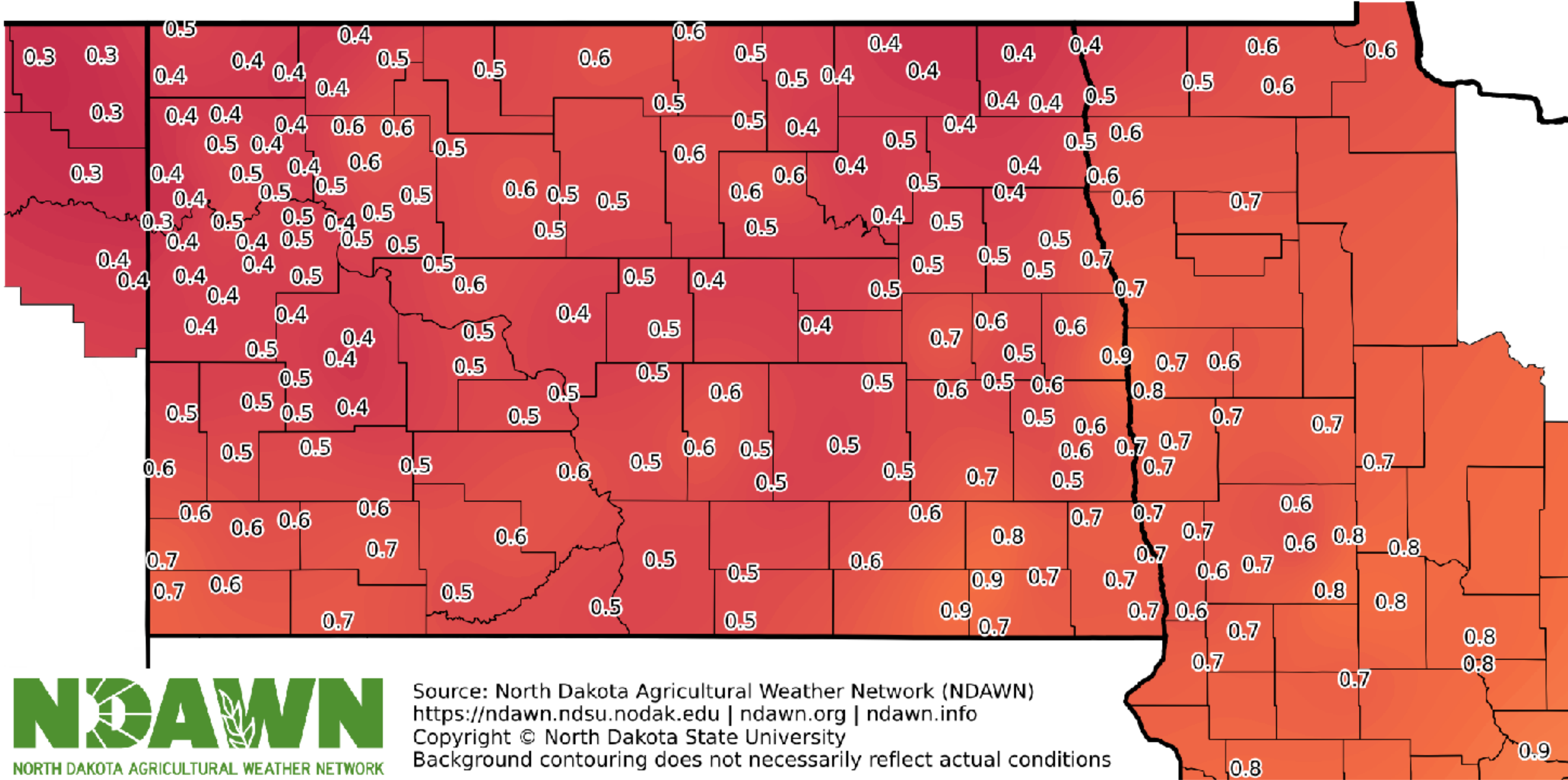
Source: North Dakota Agricultural Weather Network (NDAWN)  
<https://ndawn.ndsu.nodak.edu> | [ndawn.org](http://ndawn.org) | [ndawn.info](http://ndawn.info)  
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Departure from Normal Average Air Temperature (°F) (2024-12-01 - 2025-02-05)



# Winter Temperature Departures

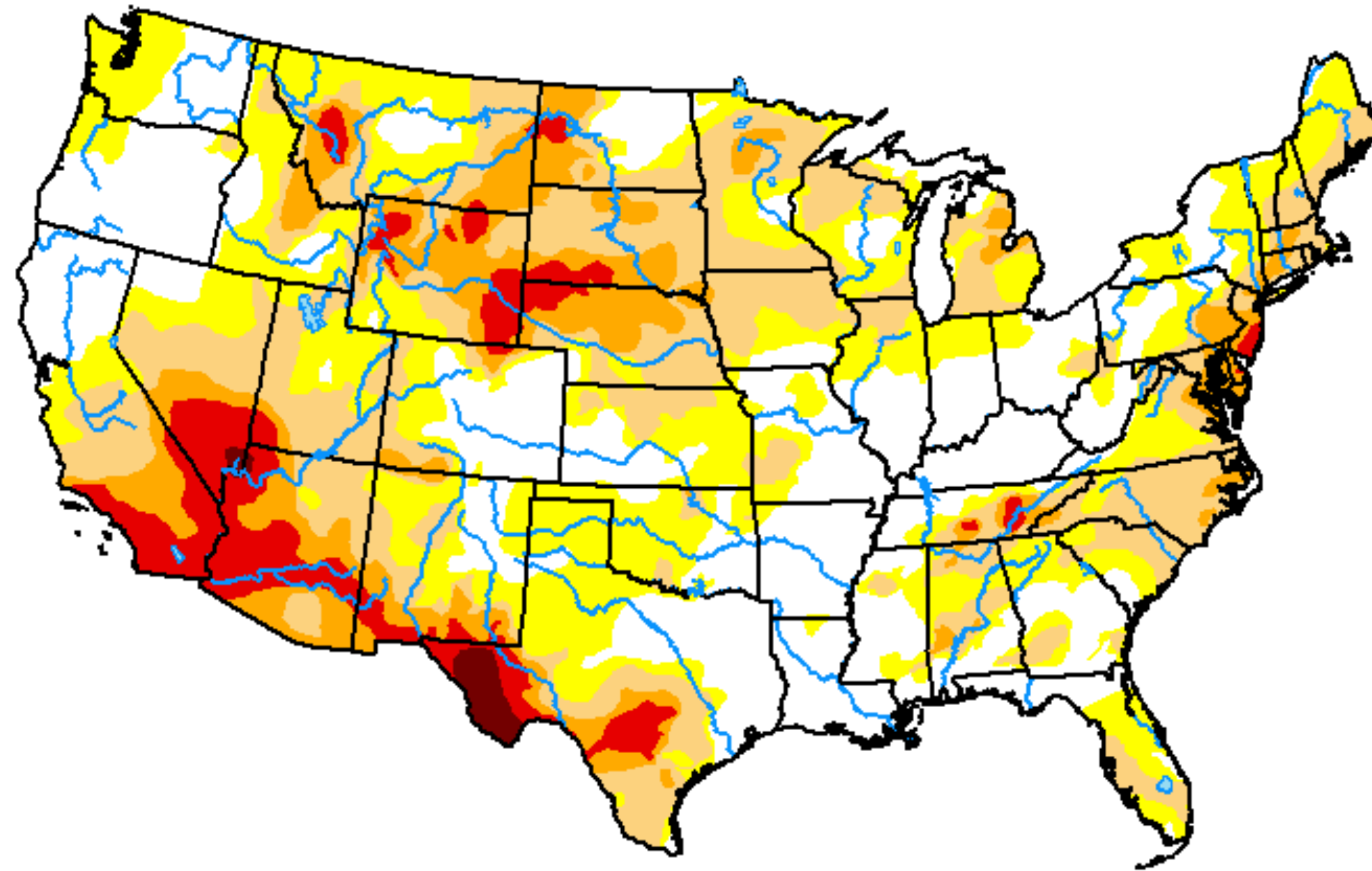


# February Precipitation









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

**February 4, 2025**  
*(Released Thursday, Feb. 6, 2025)*  
Valid 7 a.m. EST



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>*

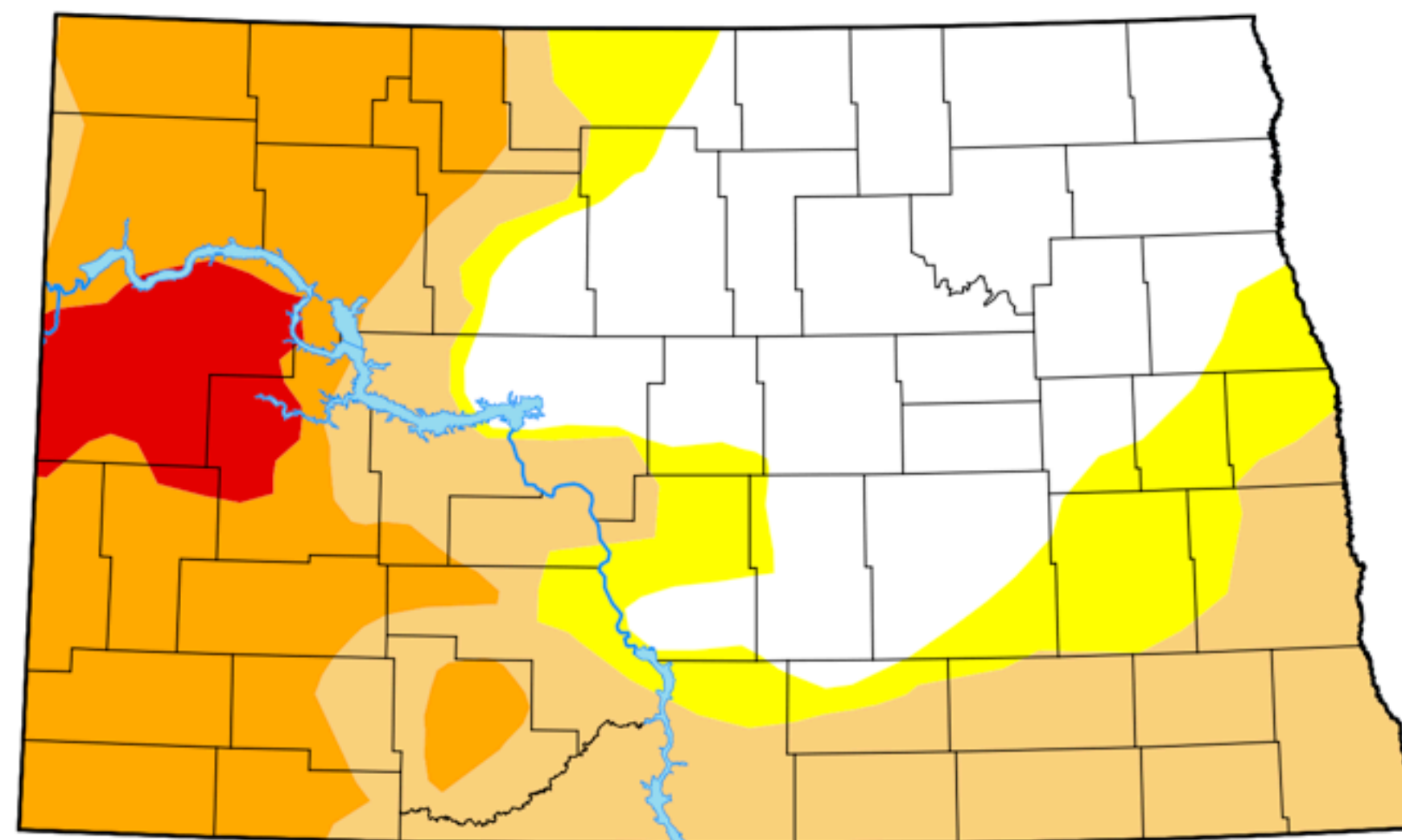
Author:

Lindsay Johnson  
National Drought Mitigation Center



[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)

# Current Drought Monitor



**Map released: Thurs. February 6, 2025**

Data valid: February 4, 2025 at 7 a.m. EST

### Intensity

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

### Authors

United States and Puerto Rico Author(s):

[Lindsay Johnson](#), National Drought Mitigation Center

Pacific Islands and Virgin Islands Author(s):

[Denise Gutzmer](#), National Drought Mitigation Center

# Current Drought Monitor

**Drought Classification**

None

D0 (Abnormally Dry)

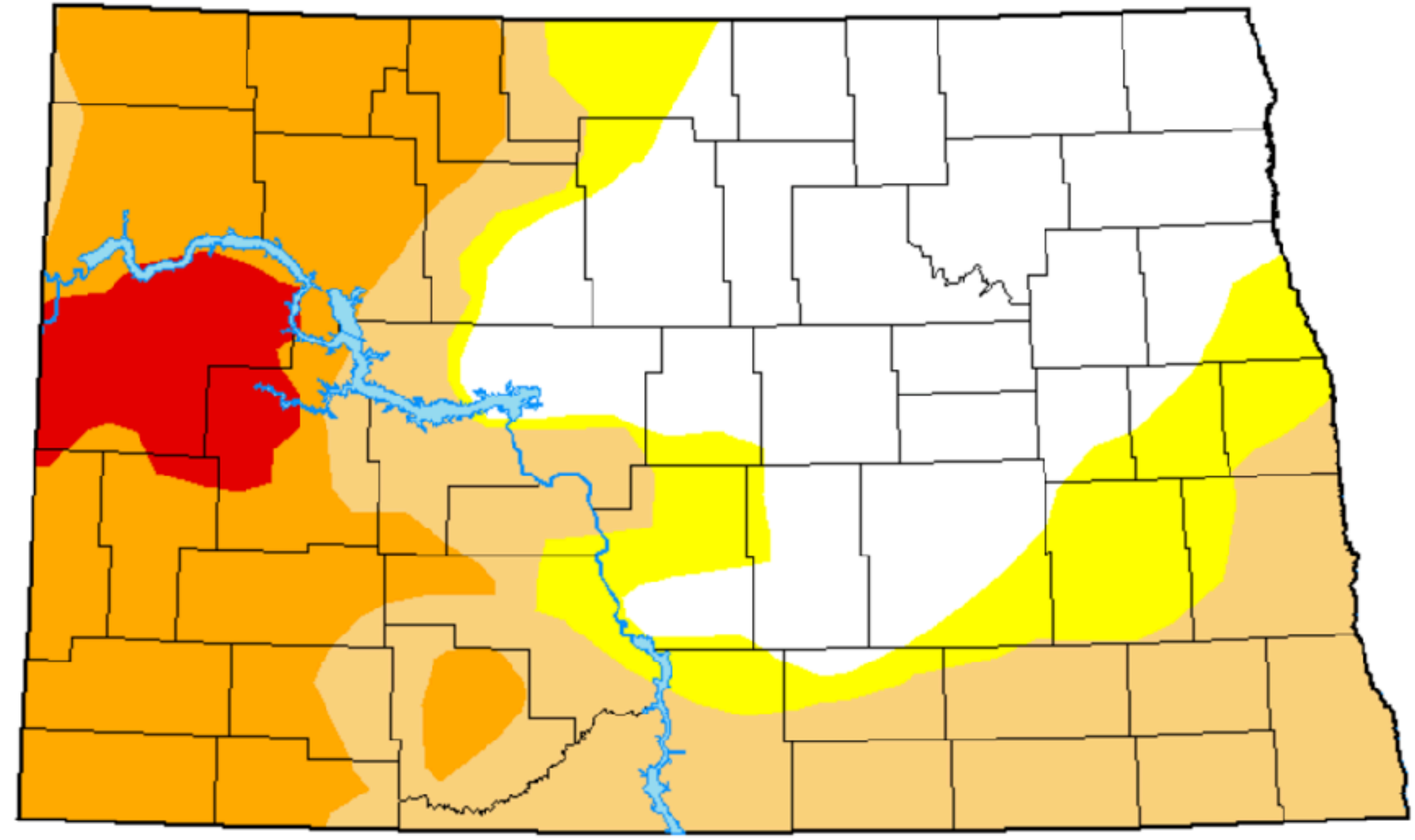
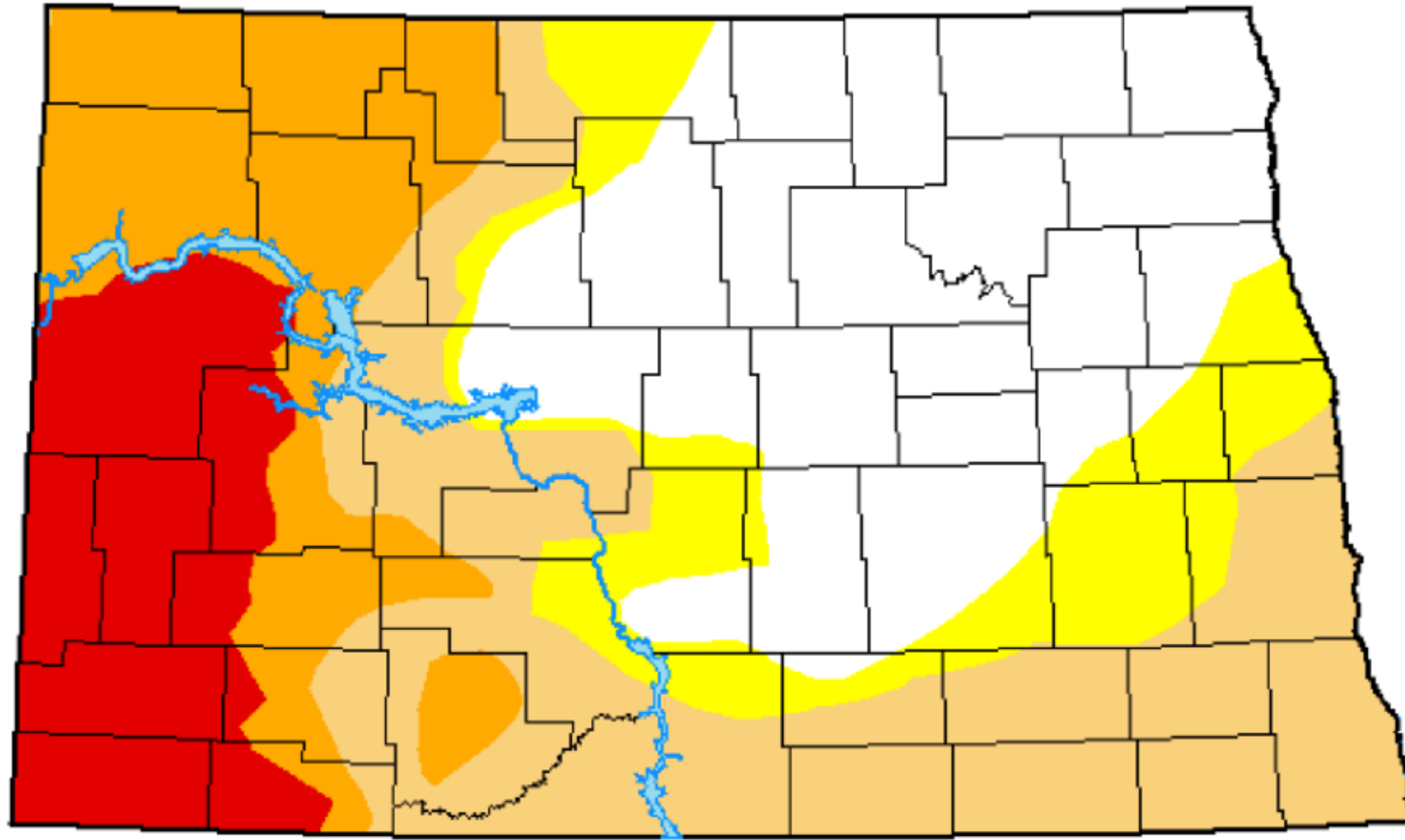
D1 (Moderate Drought)

D2 (Severe Drought)

D3 (Extreme Drought)

D4 (Exceptional Drought)

No Data



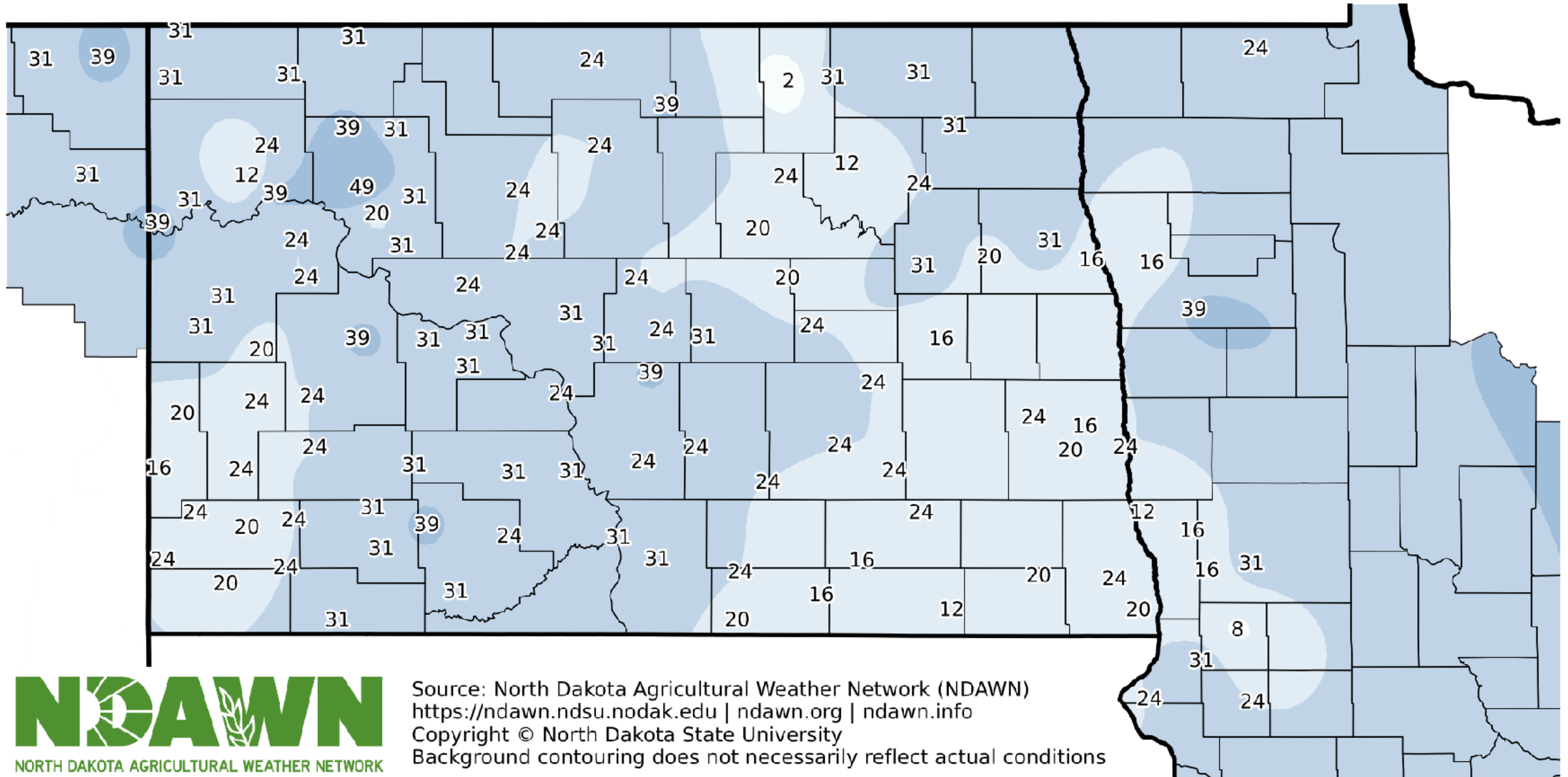
**Two Week Comparison**

# Statistics

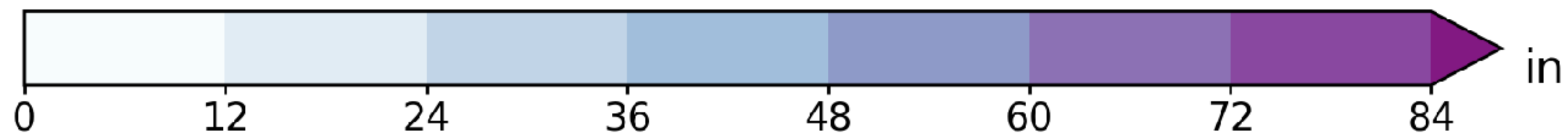
Statistics type: Cumulative Percent Area ? [Export Table](#) [View More Statistics](#)

Week	Date	None	D0-D4	D1-D4	D2-D4	D3-D4	D4	DSCI
Current	<a href="#">2025-02-04</a>	32.88	67.12	54.92	28.31	4.58	0.00	155
Last Week to Current	<a href="#">2025-01-28</a>	32.88	67.12	54.92	28.31	4.58	0.00	155
3 Months Ago to Current	<a href="#">2024-11-05</a>	22.21	77.79	54.58	32.22	19.38	0.00	184
Start of Calendar Year to Current	<a href="#">2024-12-31</a>	32.88	67.12	54.92	28.78	12.99	0.00	164
Start of Water Year to Current	<a href="#">2024-10-01</a>	47.89	52.11	25.17	12.68	3.39	0.00	93
One Year Ago to Current	<a href="#">2024-02-06</a>	43.75	56.25	15.72	6.78	0.00	0.00	79

# North Dakota Categorical Percent

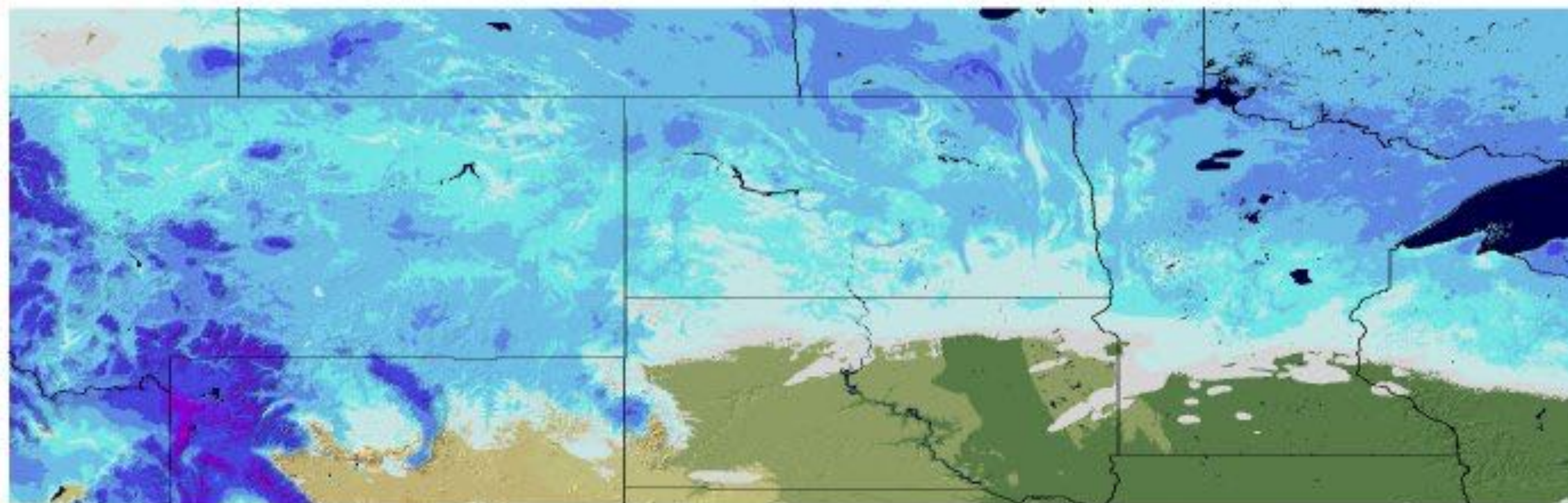


Source: North Dakota Agricultural Weather Network (NDAWN)  
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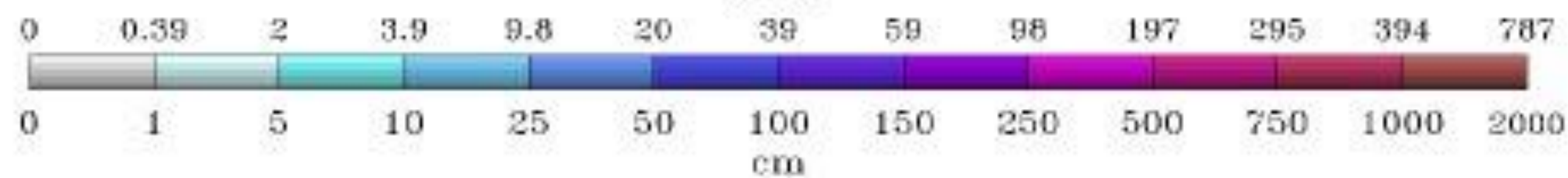


# Snow Depth

2025-02-06 06 UTC



inches



1000s of ft

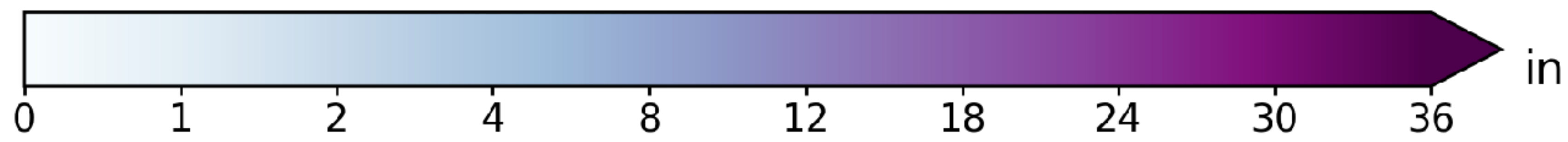
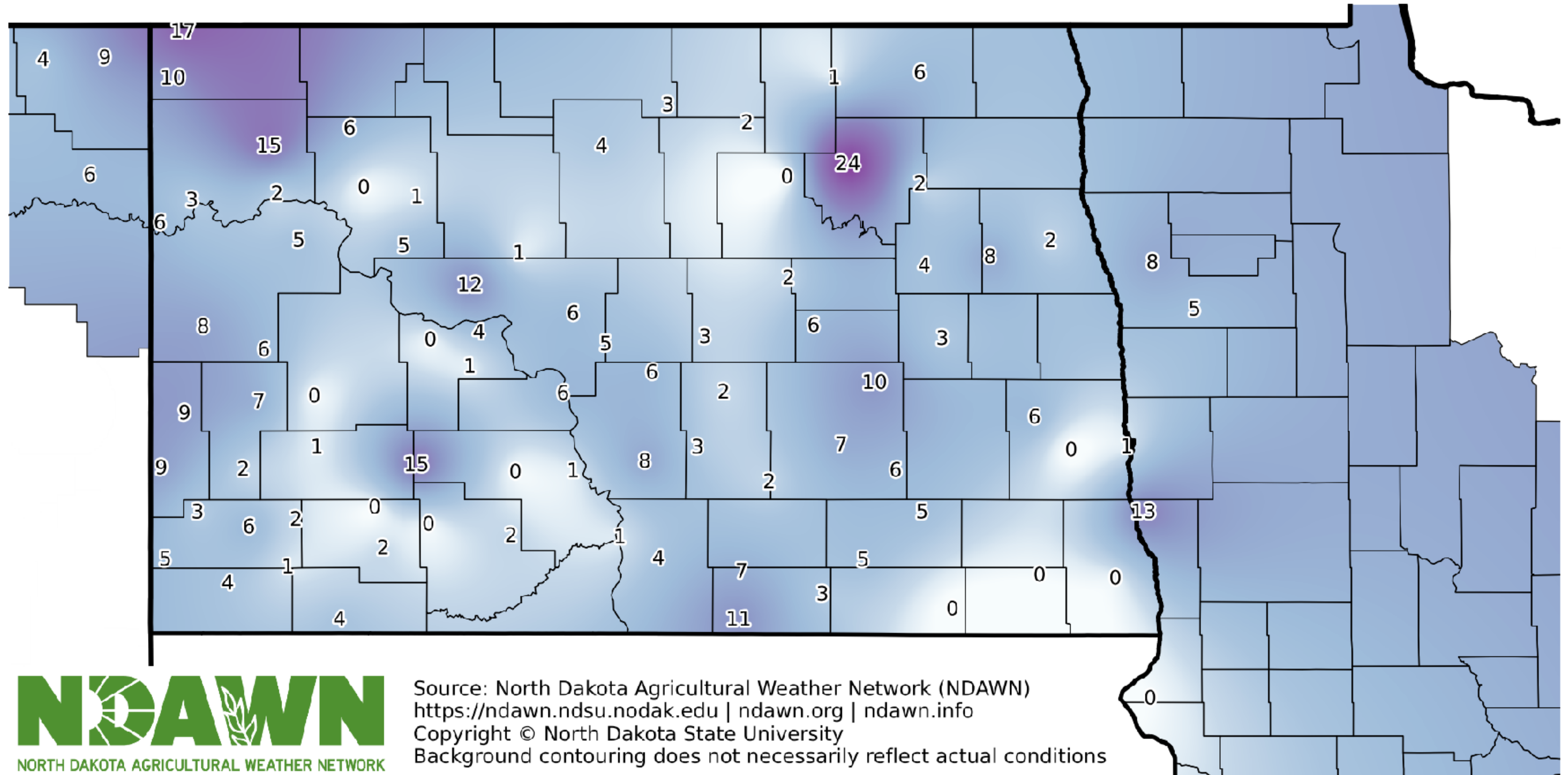


National Snow  
Analysis

OFFICE OF  
WATER  
PREDICTION

OWP



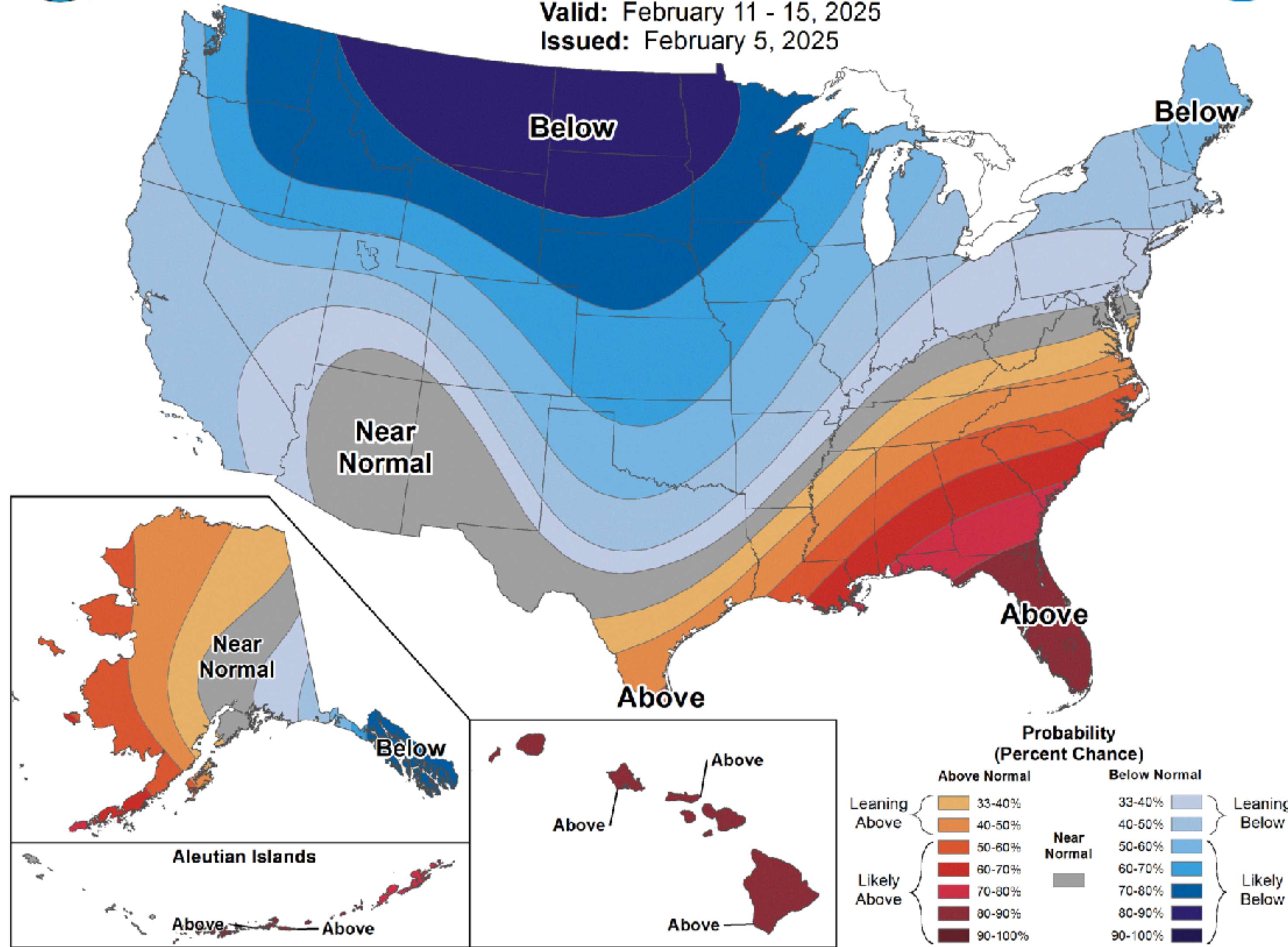




# 6-10 Day Temperature Outlook



Valid: February 11 - 15, 2025  
Issued: February 5, 2025



## 6-10 Day Outlook

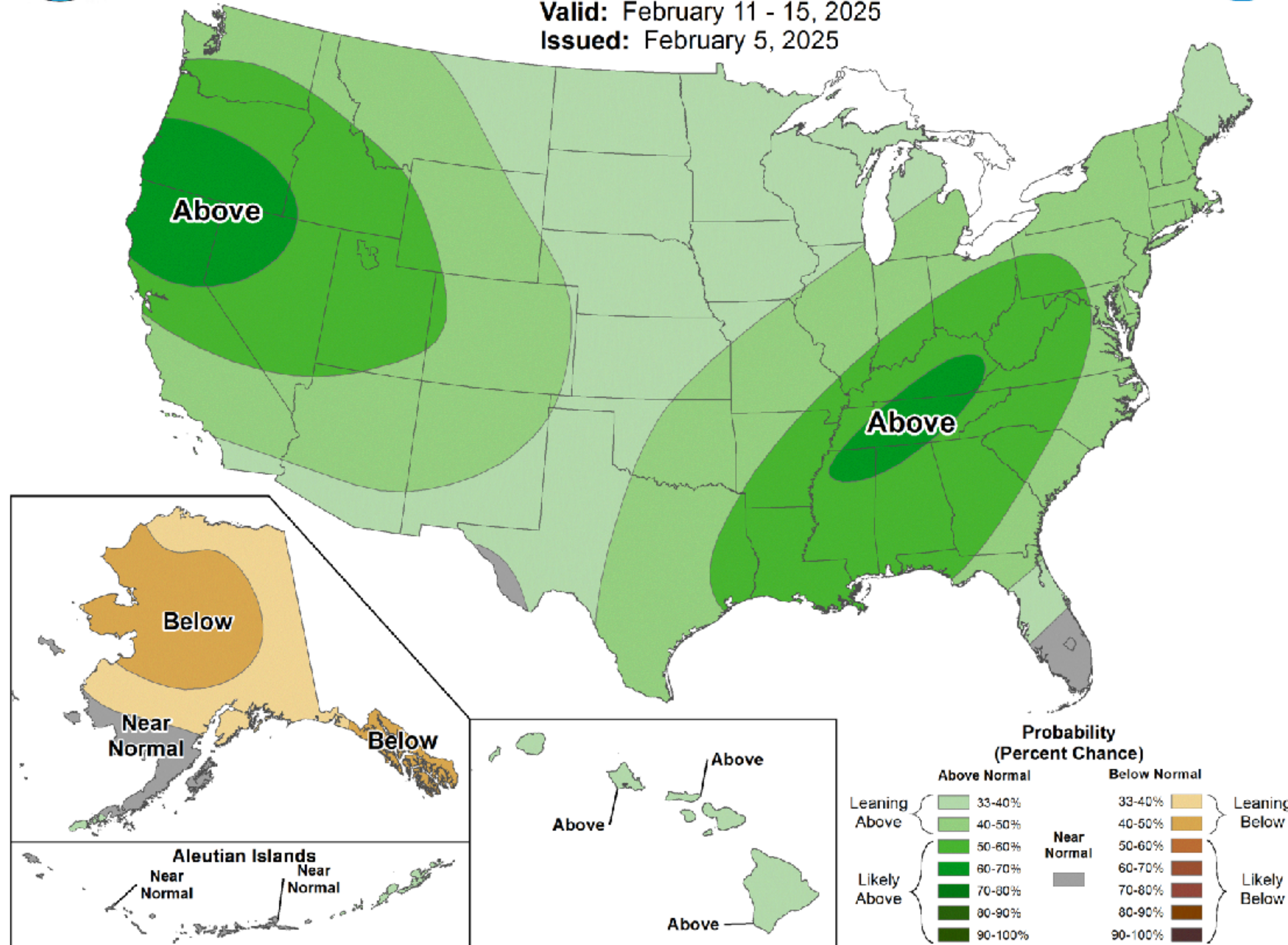




# 6-10 Day Precipitation Outlook



Valid: February 11 - 15, 2025  
Issued: February 5, 2025



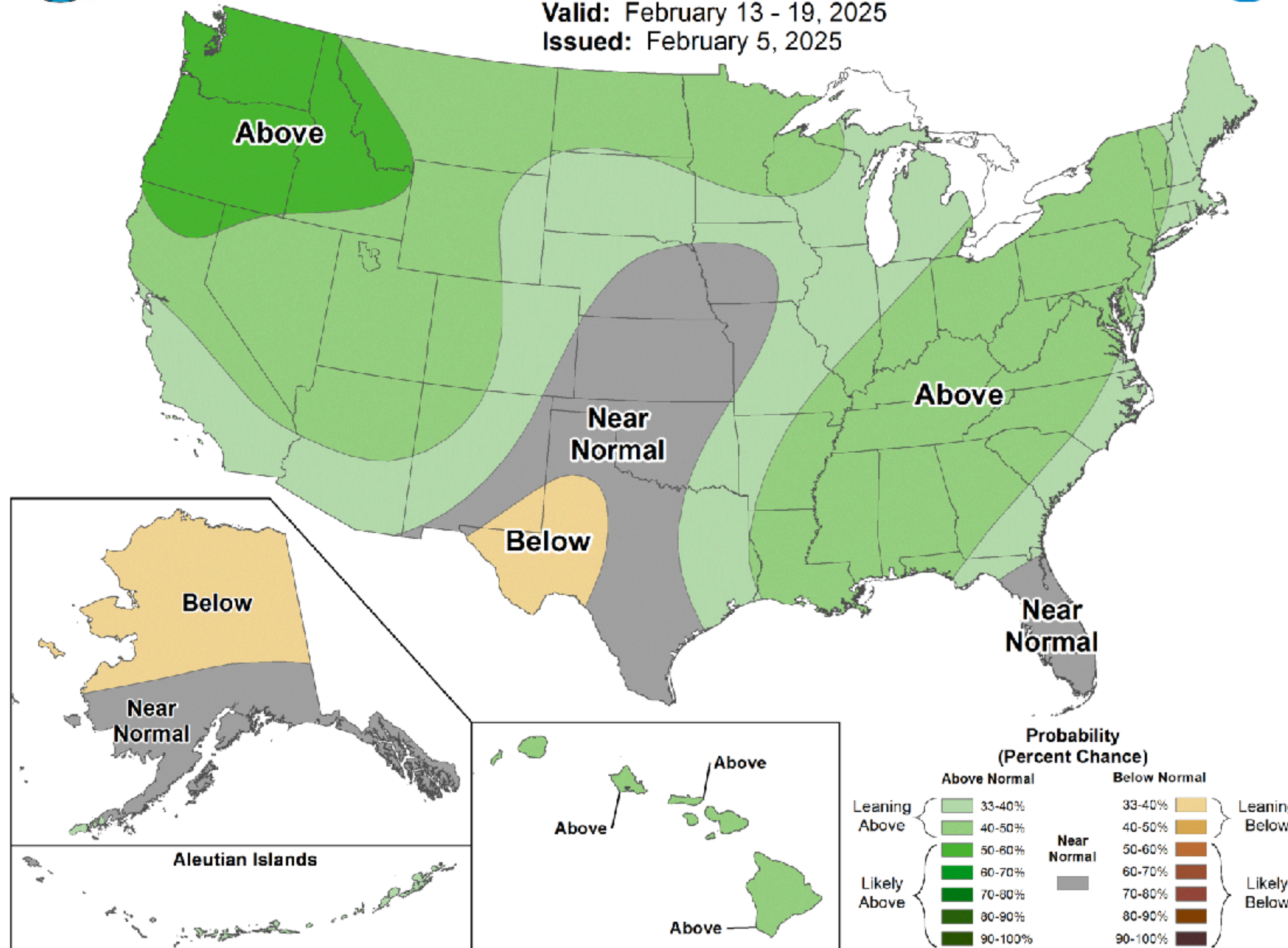
## 6-10 Day Outlook



# 8-14 Day Precipitation Outlook



Valid: February 13 - 19, 2025  
Issued: February 5, 2025



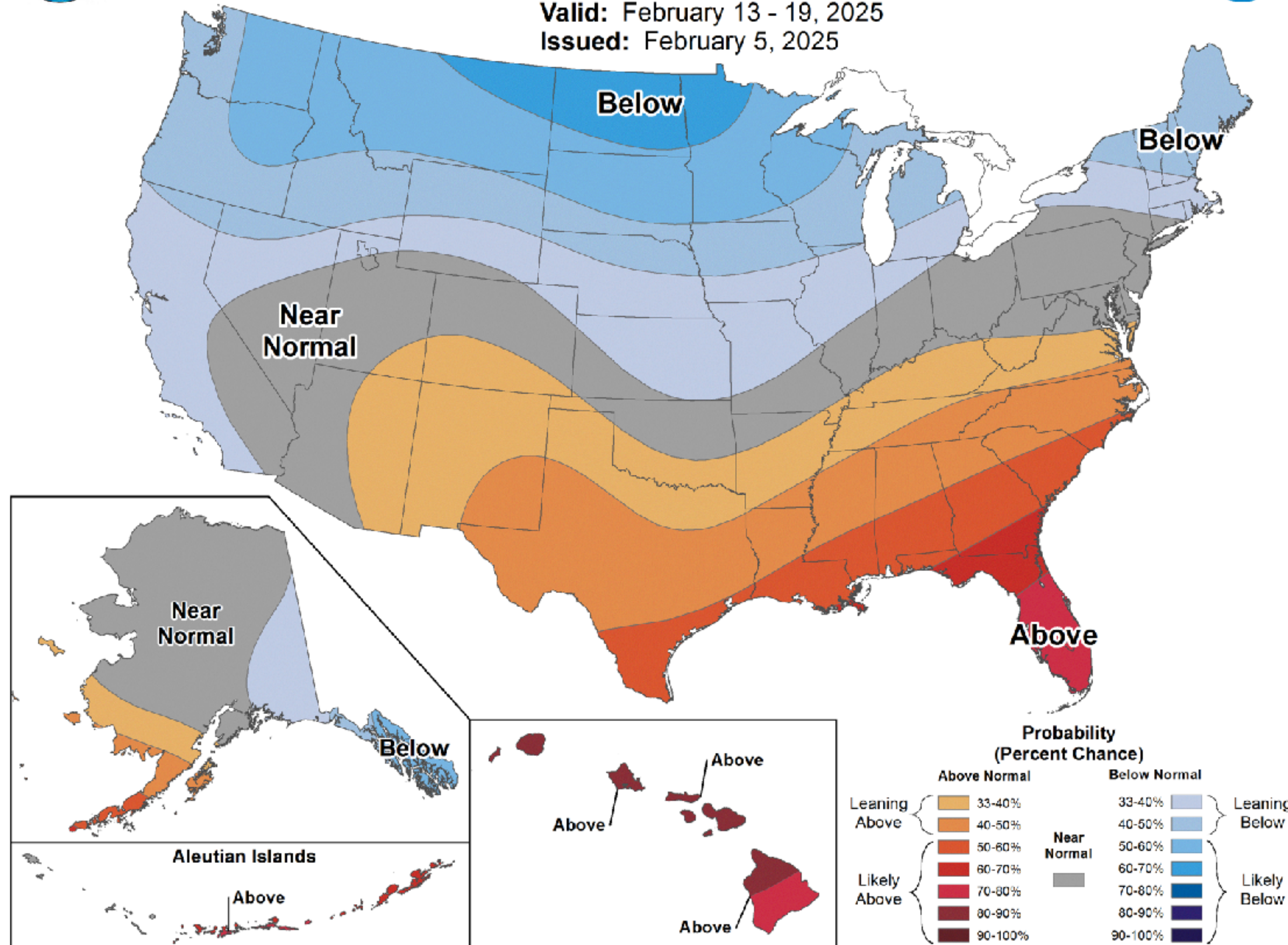
## 8-14 Day Outlook



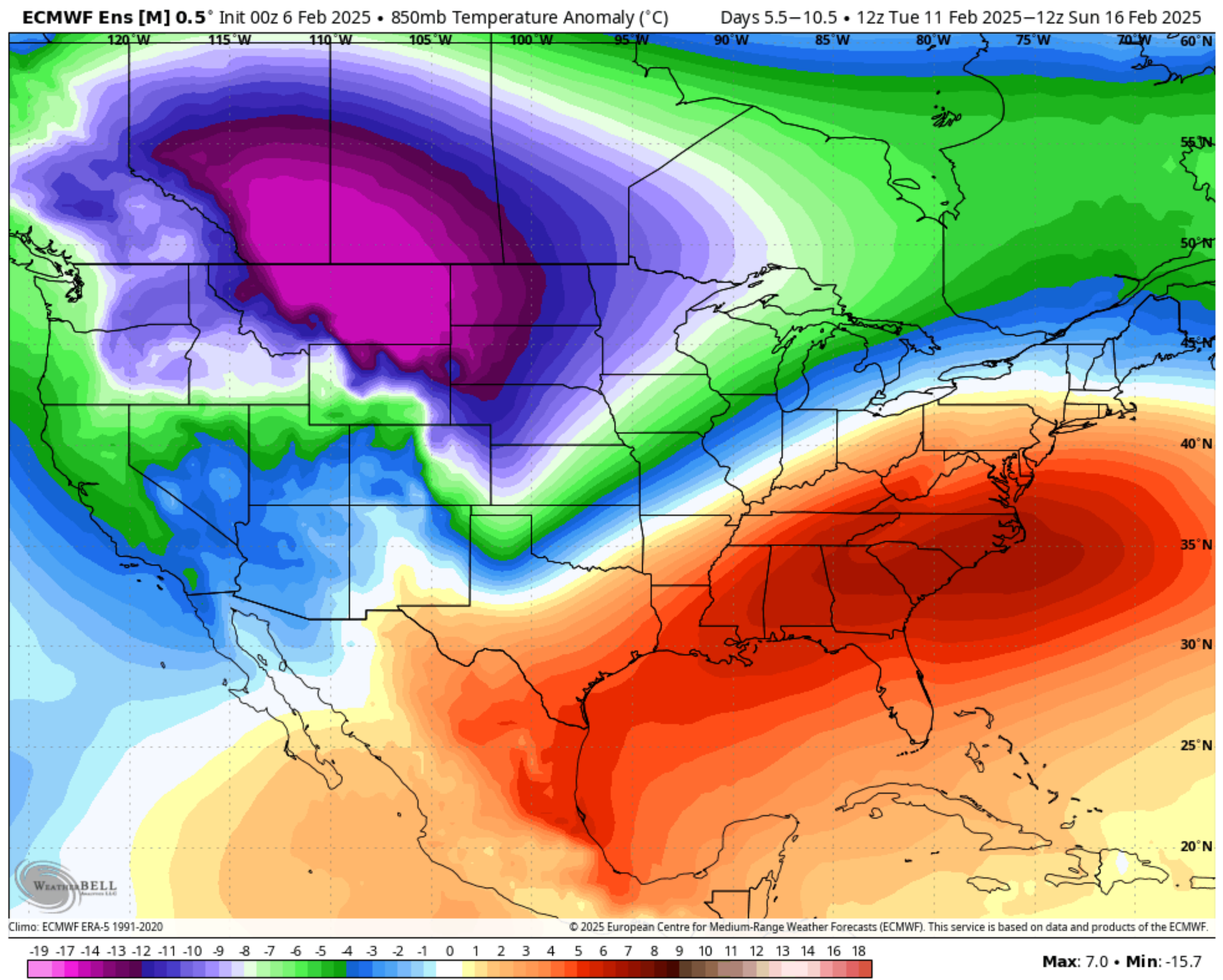
# 8-14 Day Temperature Outlook



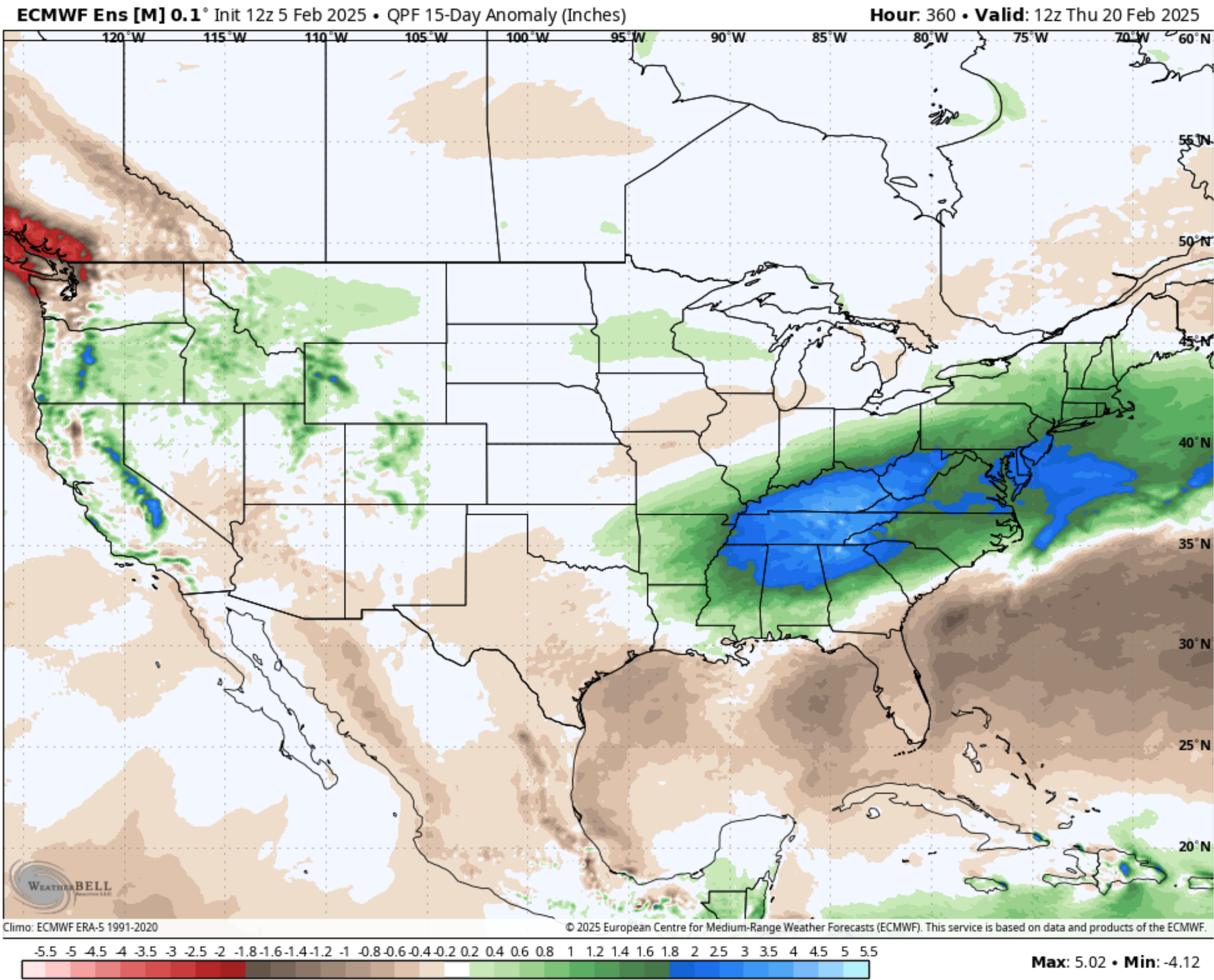
Valid: February 13 - 19, 2025  
Issued: February 5, 2025



## 8-14 Day Outlook



# Days 5-10 850 mb Temp/Anomalies



# ECMWF 15 Day Precipitation Anomaly

Spring

Flooding

# Summary





# Friday Night/Saturday Snow in Southern ND

Friday Night/Saturday Snow in Southern ND

Very cold next week

Friday Night/Saturday Snow in Southern ND

Very cold next week

Cold air may last for two weeks

Friday Night/Saturday Snow in Southern ND

Very cold next week

Cold air may last for two weeks

Spring Flood Outlook mostly minor flooding for now

Friday Night/Saturday Snow in Southern ND

Very cold next week

Cold air may last for two weeks

Spring Flood Outlook mostly minor flooding for now

Drought Conditions mostly stable until Spring

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