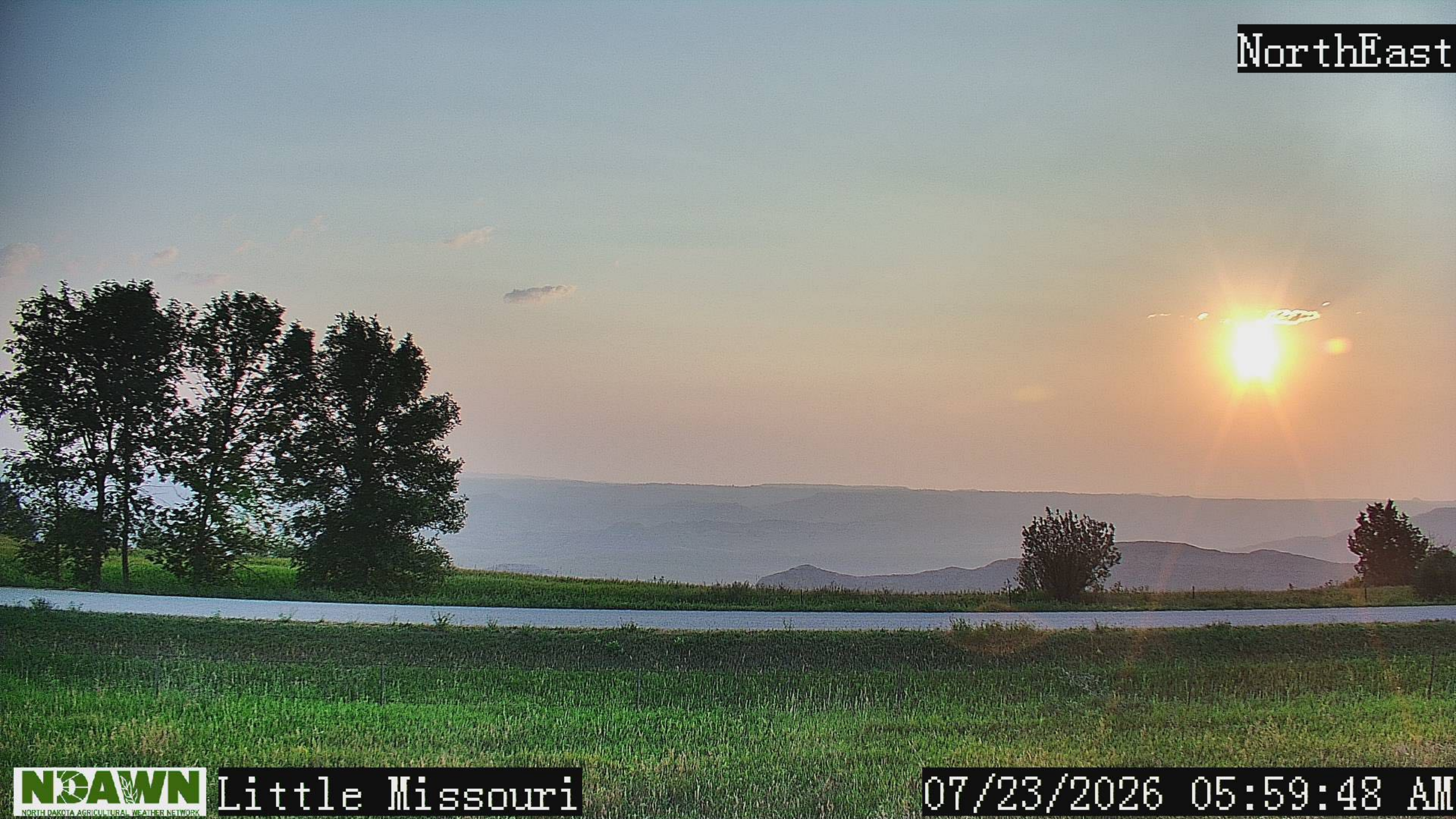


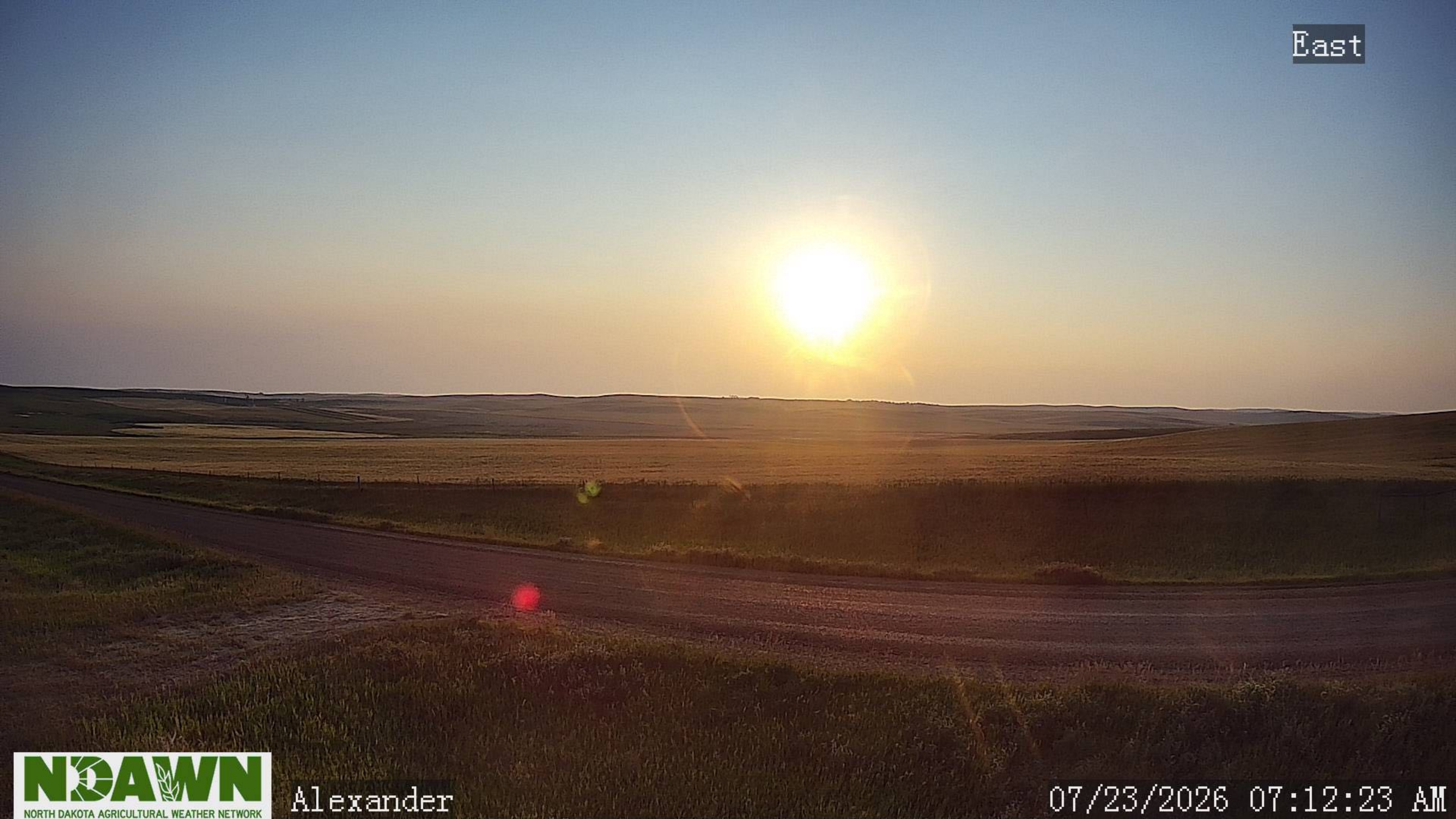
North Dakota Bi-Weekly Drought Update

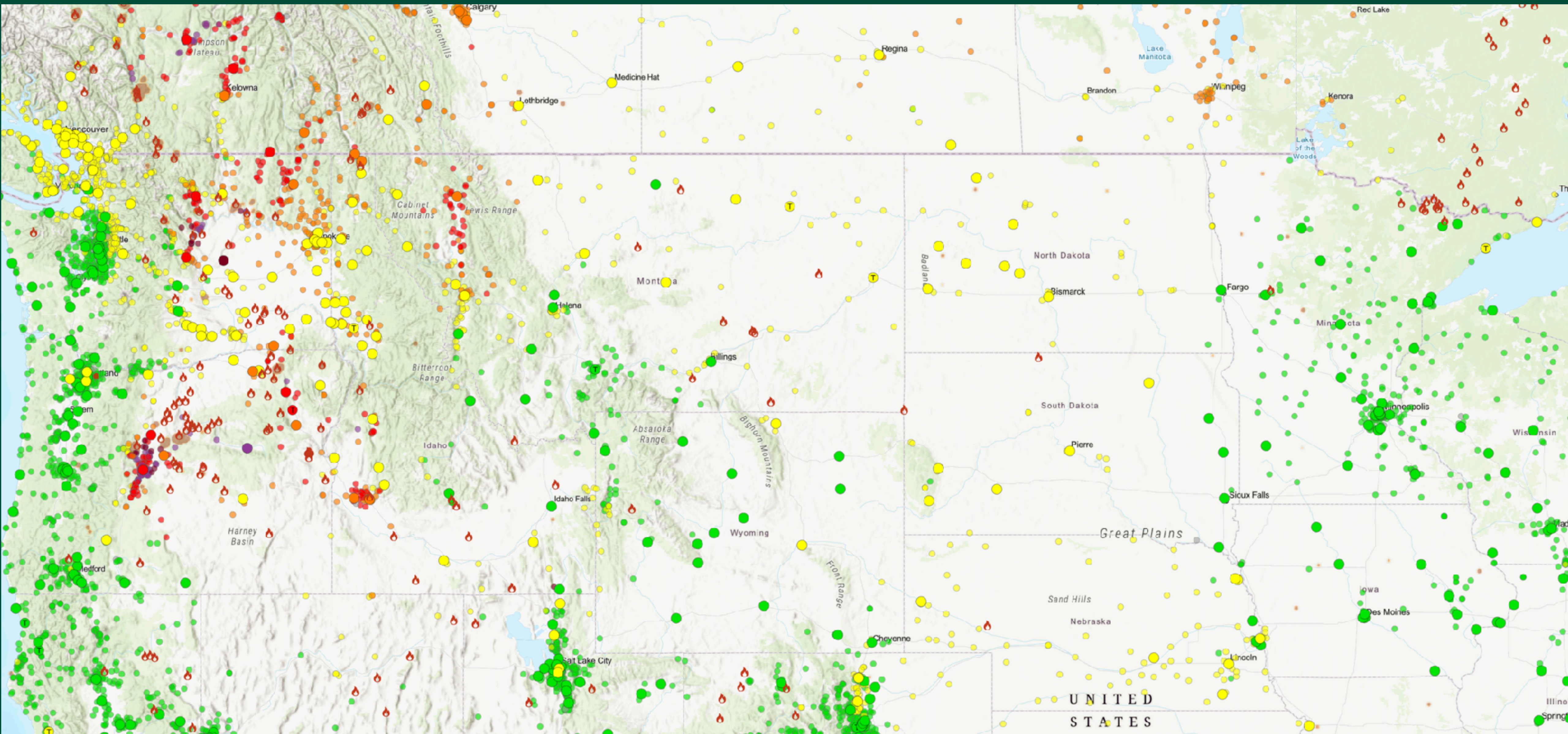
Daryl Ritchison, July 23, 2026

NorthEast

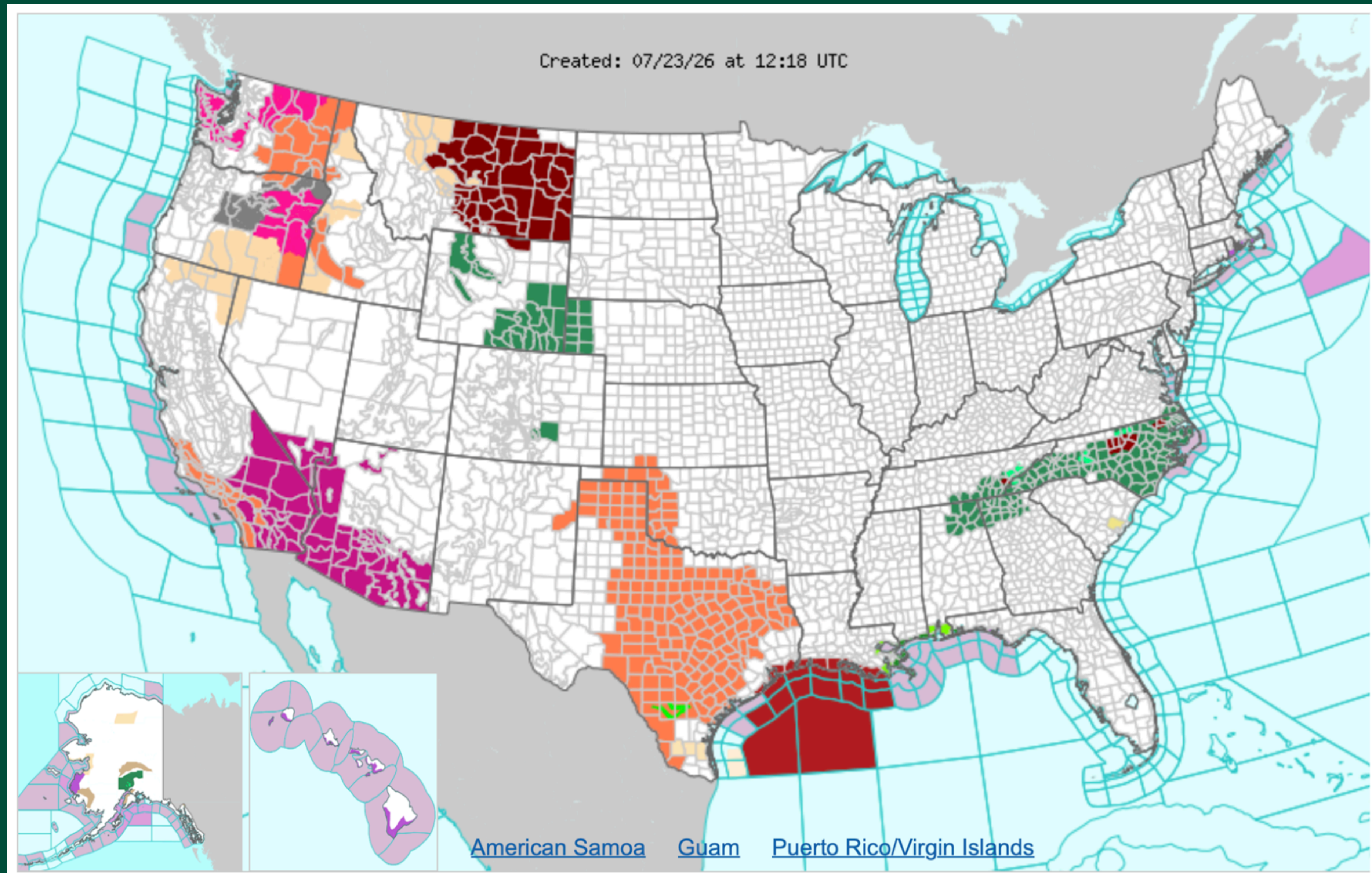


East

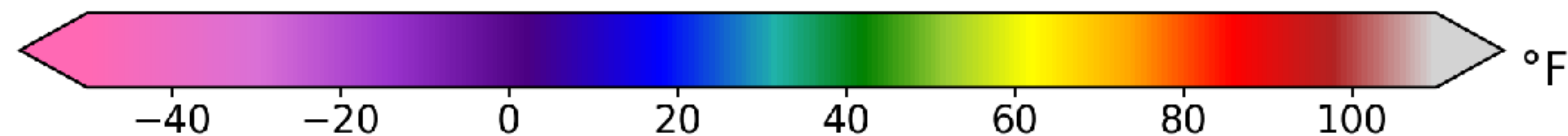
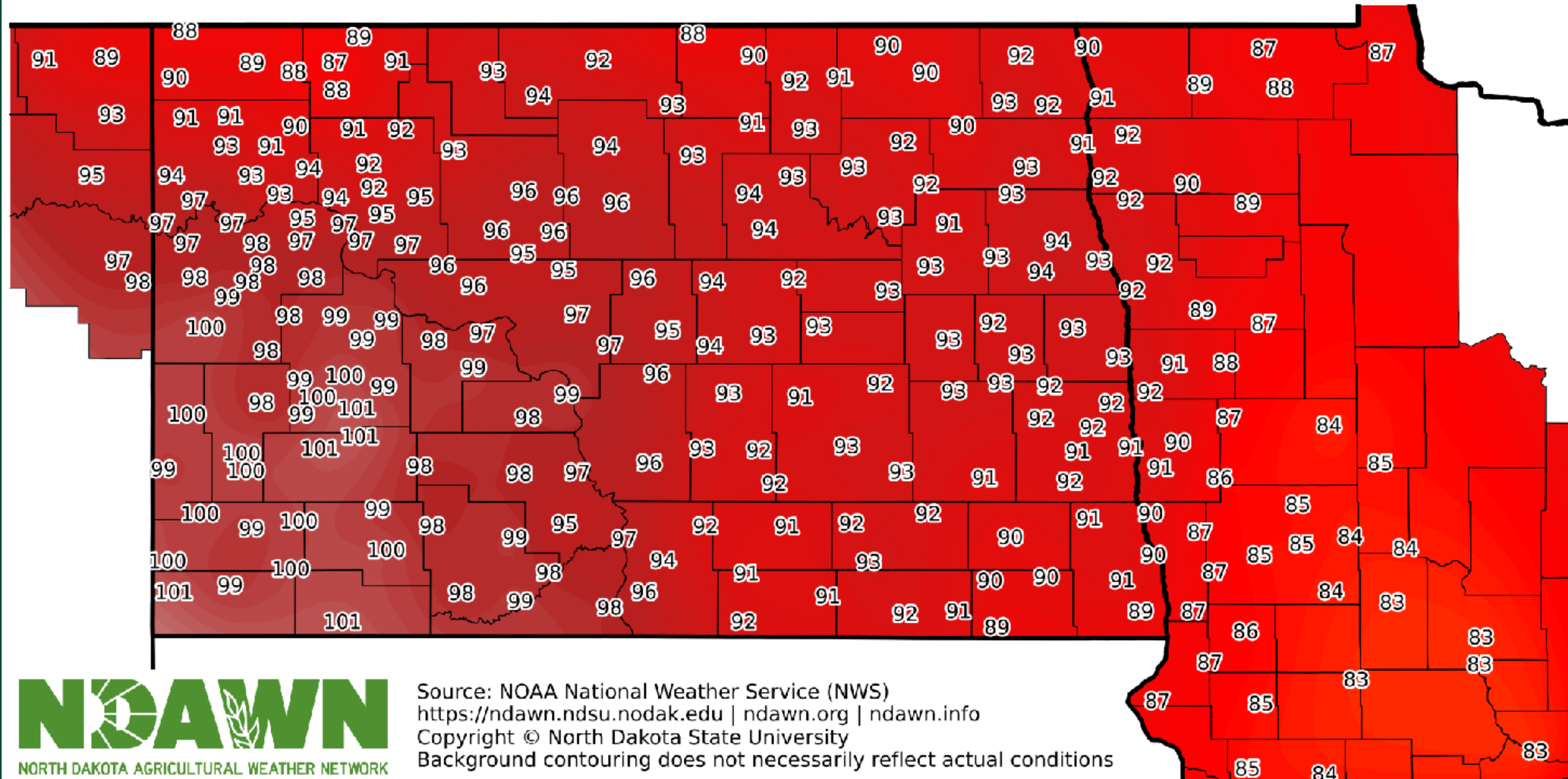




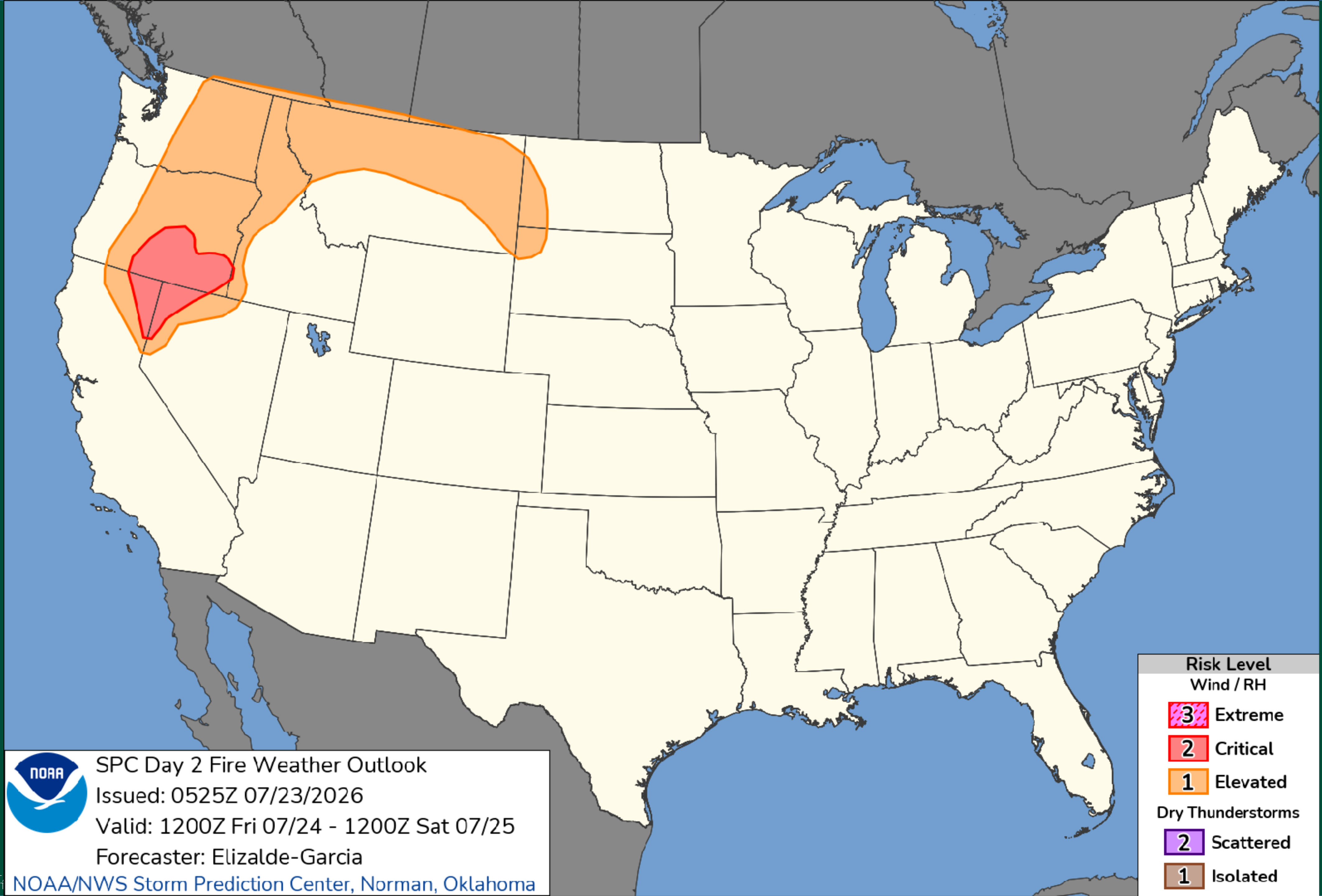
Fire Map



Advisories



Project Maximums Tomorrow



Risk Level
Wind / RH

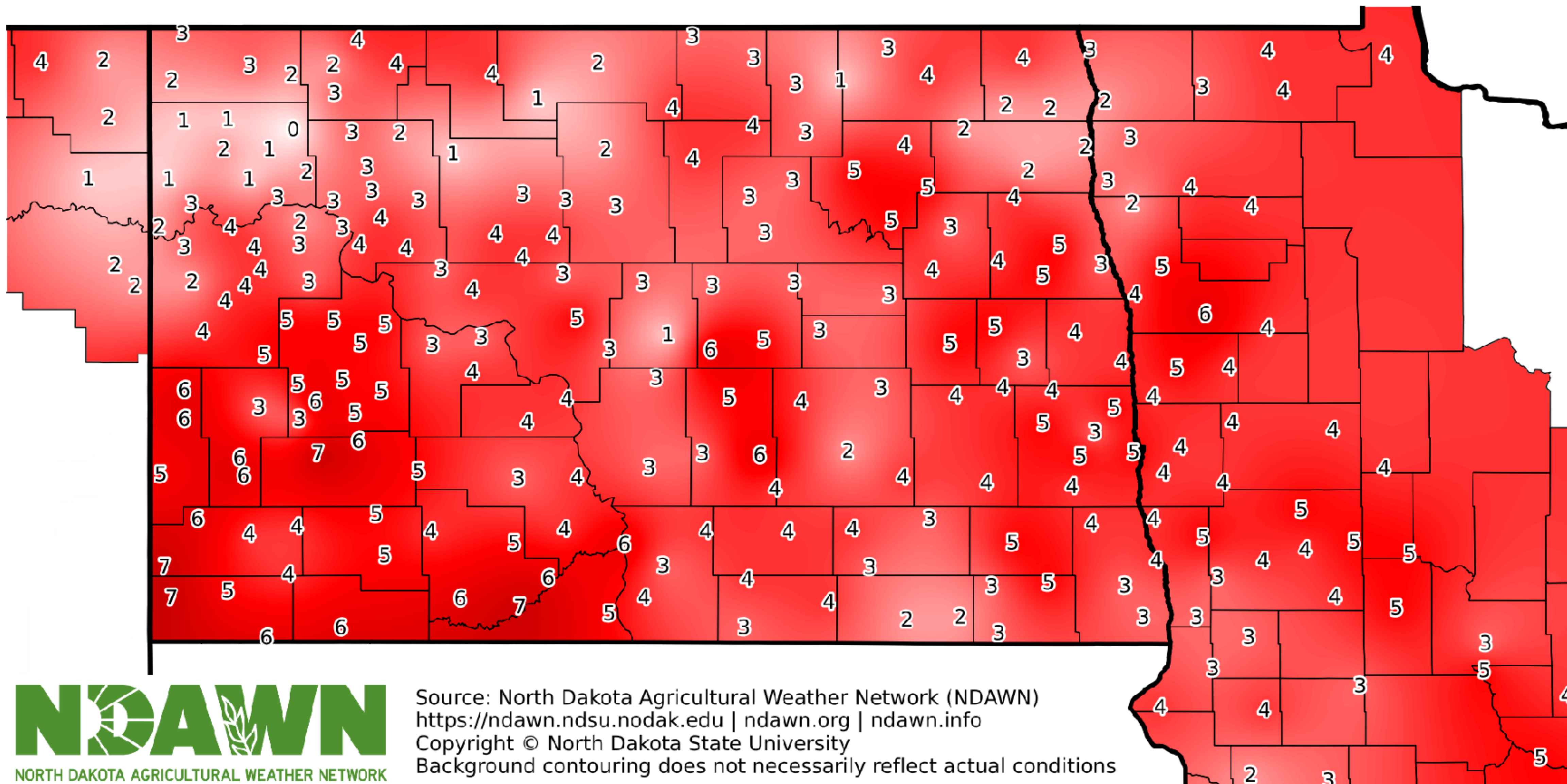
3 Extreme
2 Critical
1 Elevated

Dry Thunderstorms
2 Scattered
1 Isolated

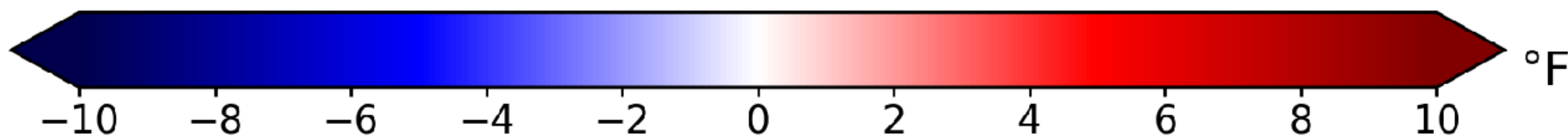
 **SPC Day 2 Fire Weather Outlook**
Issued: 0525Z 07/23/2026
Valid: 1200Z Fri 07/24 - 1200Z Sat 07/25
Forecaster: Elizalde-Garcia
NOAA/NWS Storm Prediction Center, Norman, Oklahoma

Departure from Normal Temperature - Current Month (°F)

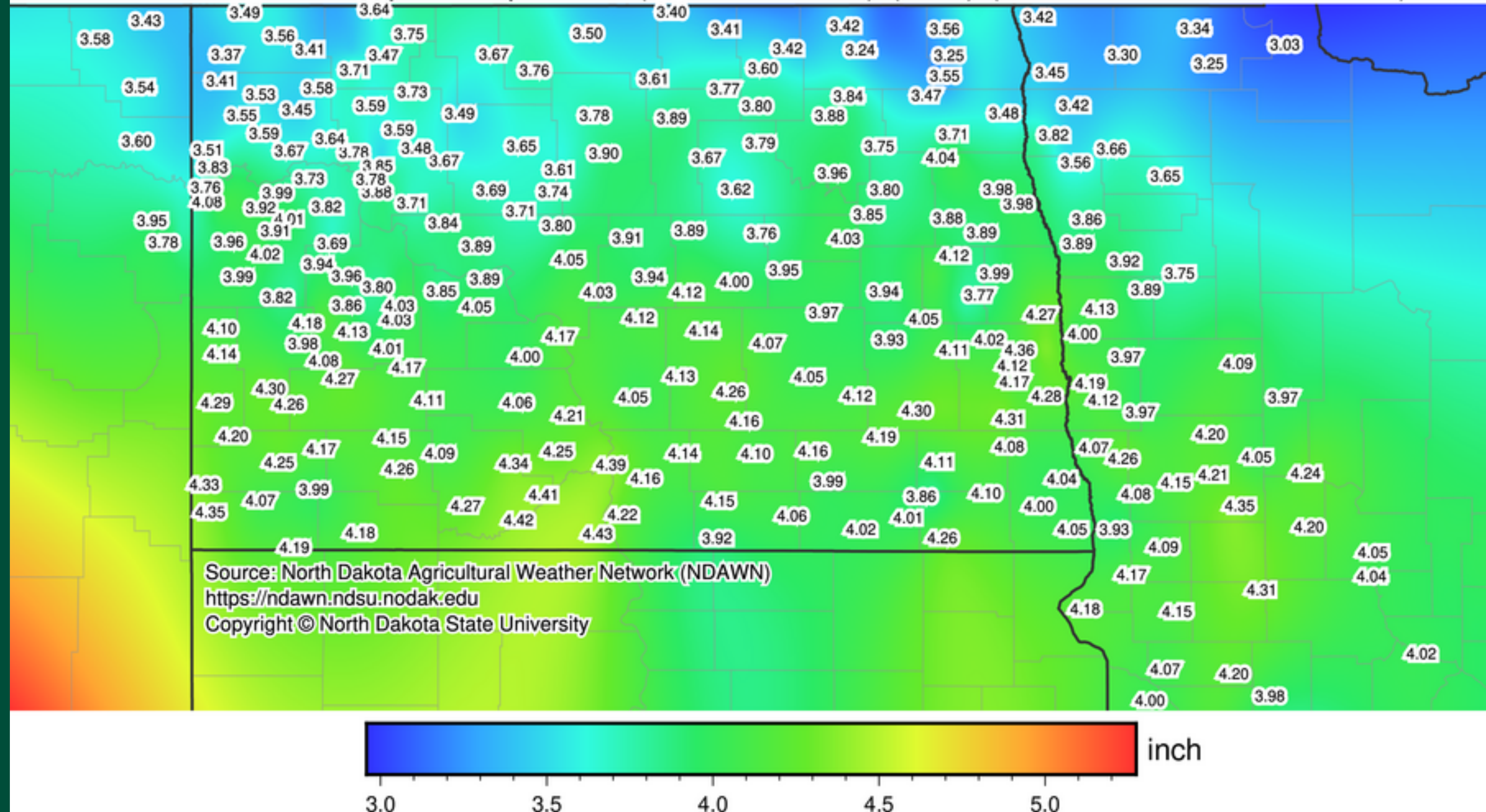
Jul 22 2026



NDAWN
NORTH DAKOTA AGRICULTURAL WEATHER NETWORK



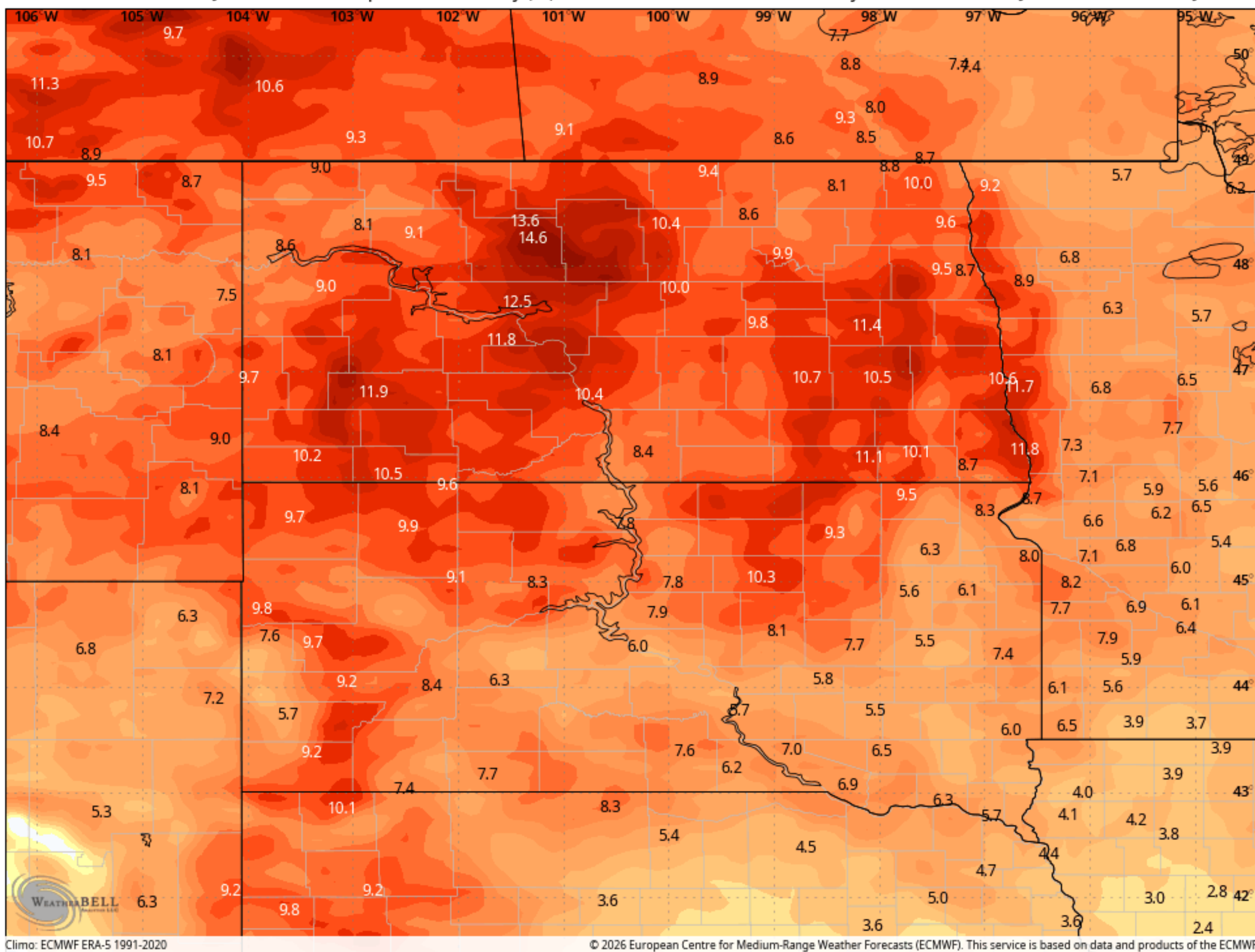
Total Potential Evapotranspiration (Jensen-Haise) (inch) (2026-07-09 - 2026-07-22)



Total PET Past Two Weeks

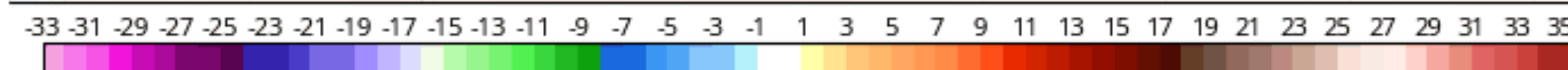
ECMWF 0.1° Init 00z 23 Jul 2026 • 2m Temperature Anomaly (°F)

Days 0-7 • 00z Thu 23 Jul 2026-00z Thu 30 Jul 2026



Climo: ECMWF ERA-5 1991-2020

© 2026 European Centre for Medium-Range Weather Forecasts (ECMWF). This service is based on data and products of the ECMWF.



Max: 14.9 • Min: -1.4

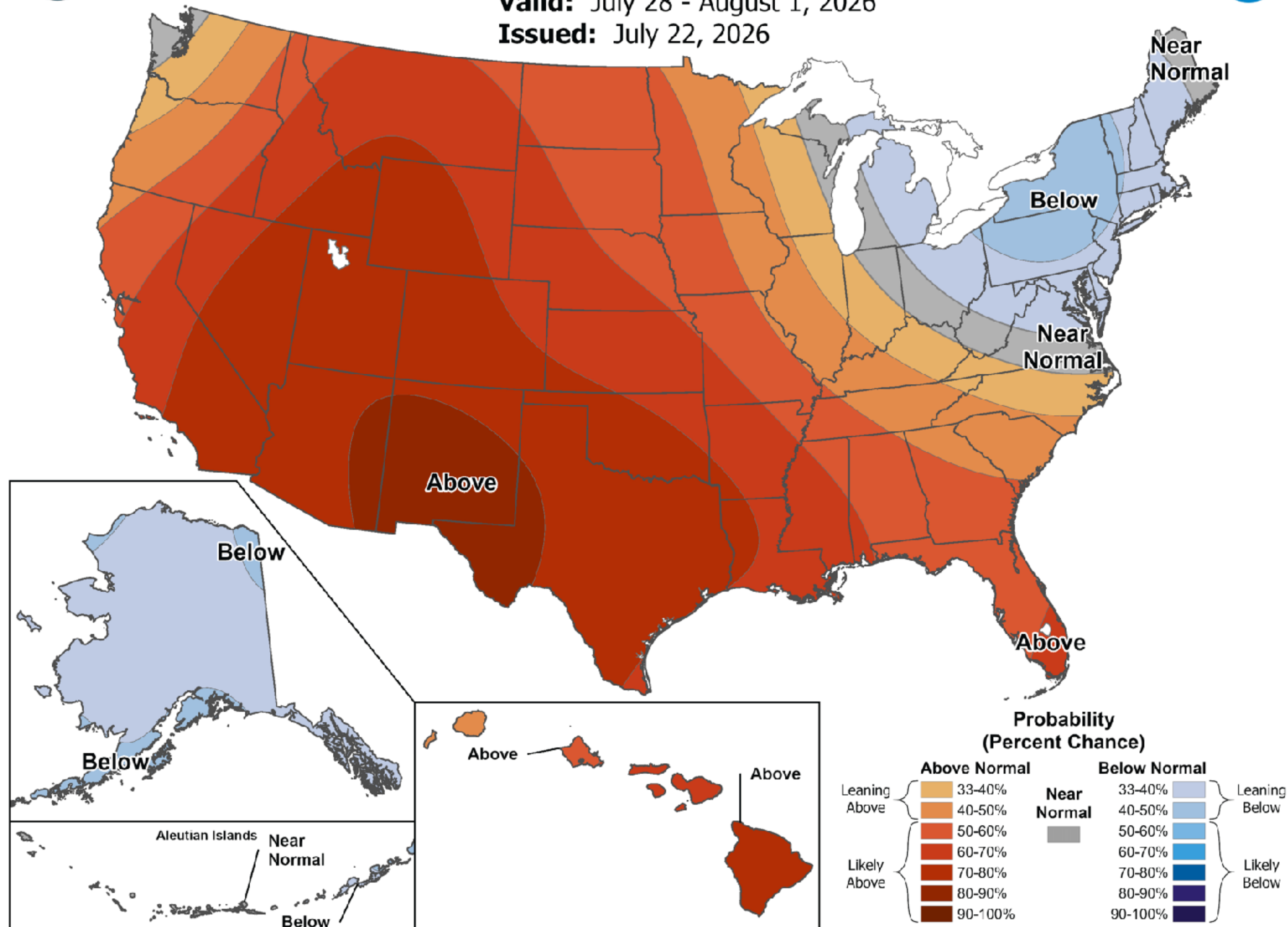
Next 7 Days Anomaly



6-10 Day Temperature Outlook

Valid: July 28 - August 1, 2026

Issued: July 22, 2026

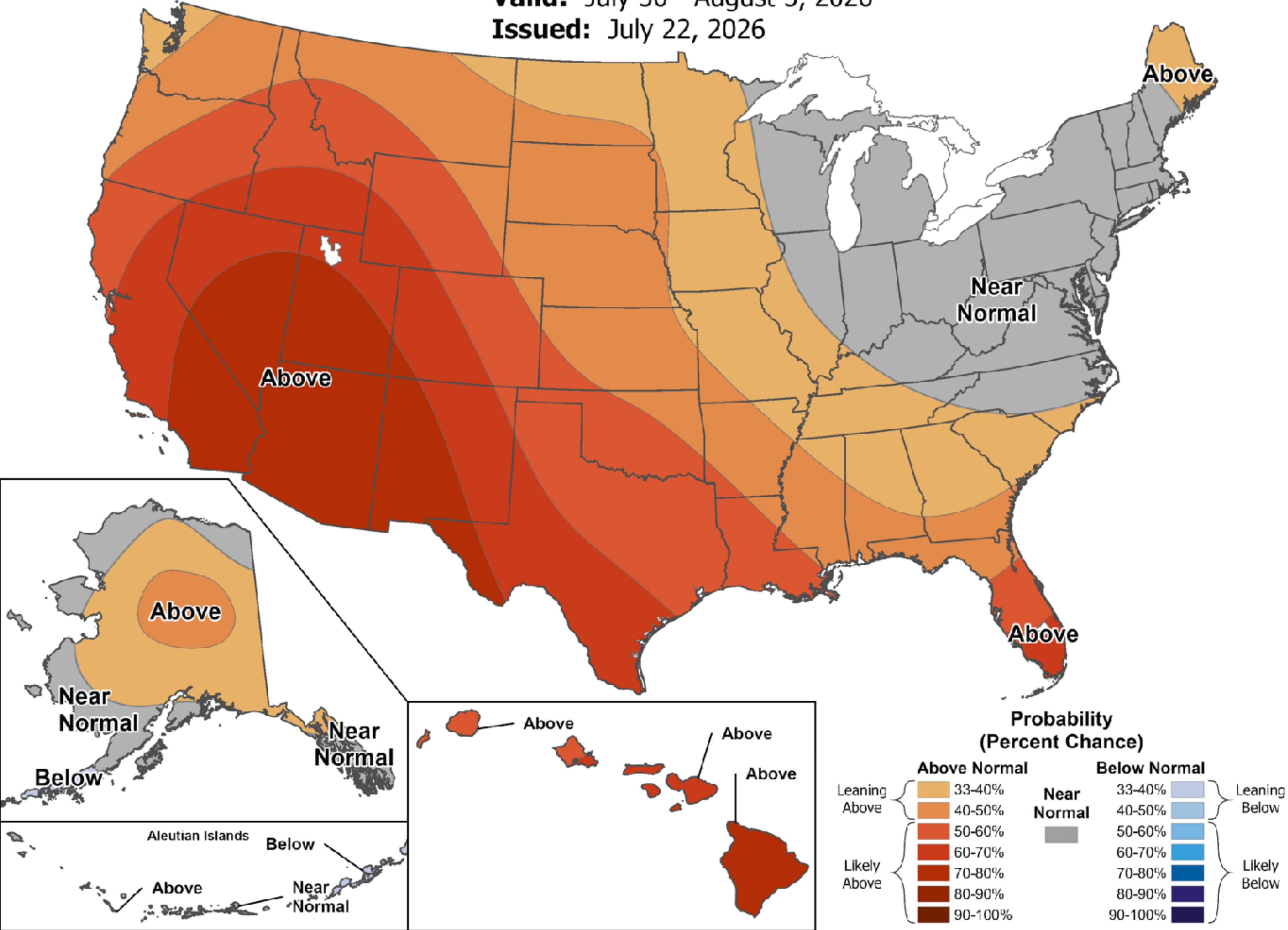




8-14 Day Temperature Outlook

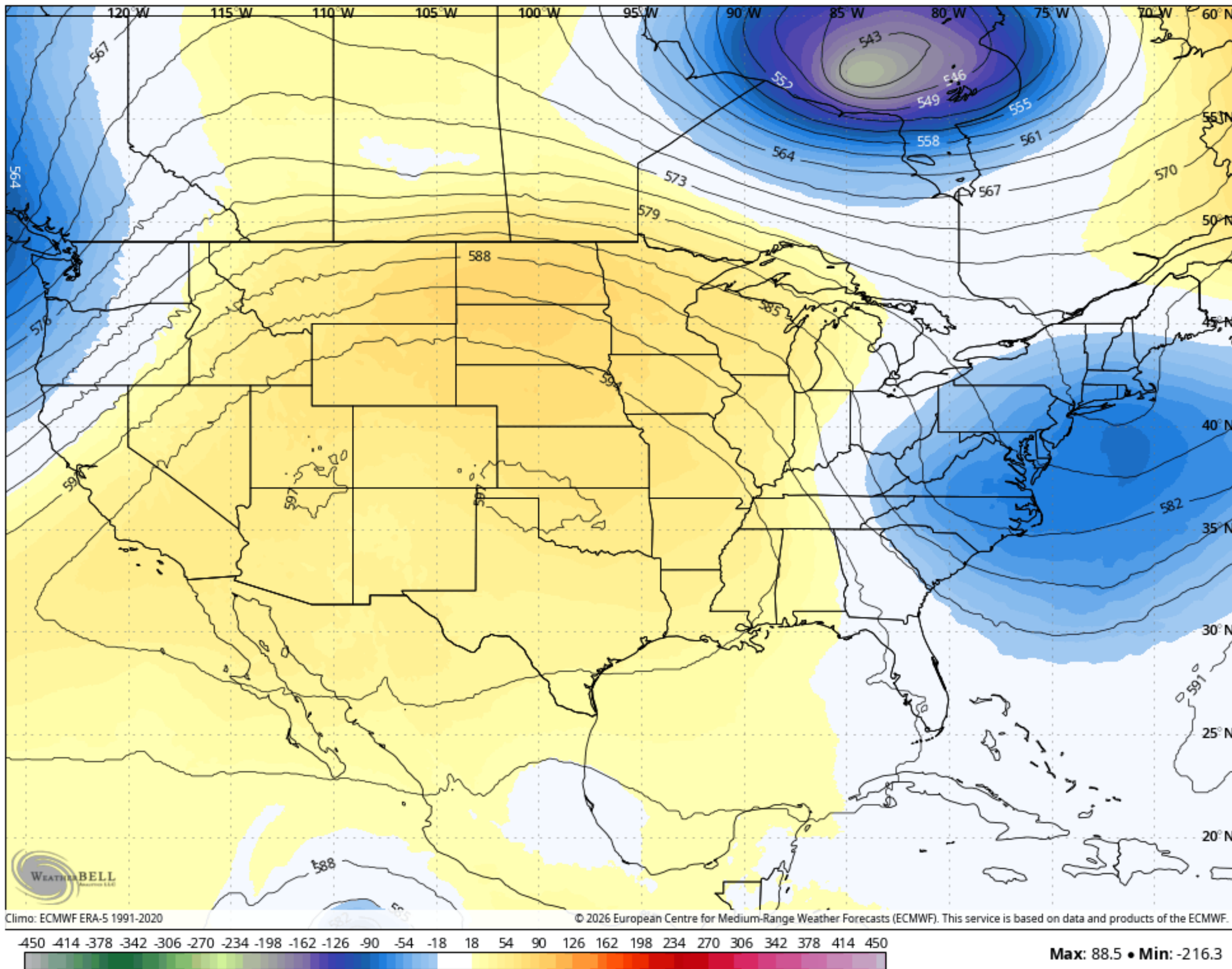


Valid: July 30 - August 5, 2026
Issued: July 22, 2026



ECMWF 0.1° Init 06z 23 Jul 2026 • 500mb Height (dam) and Anomaly (m)

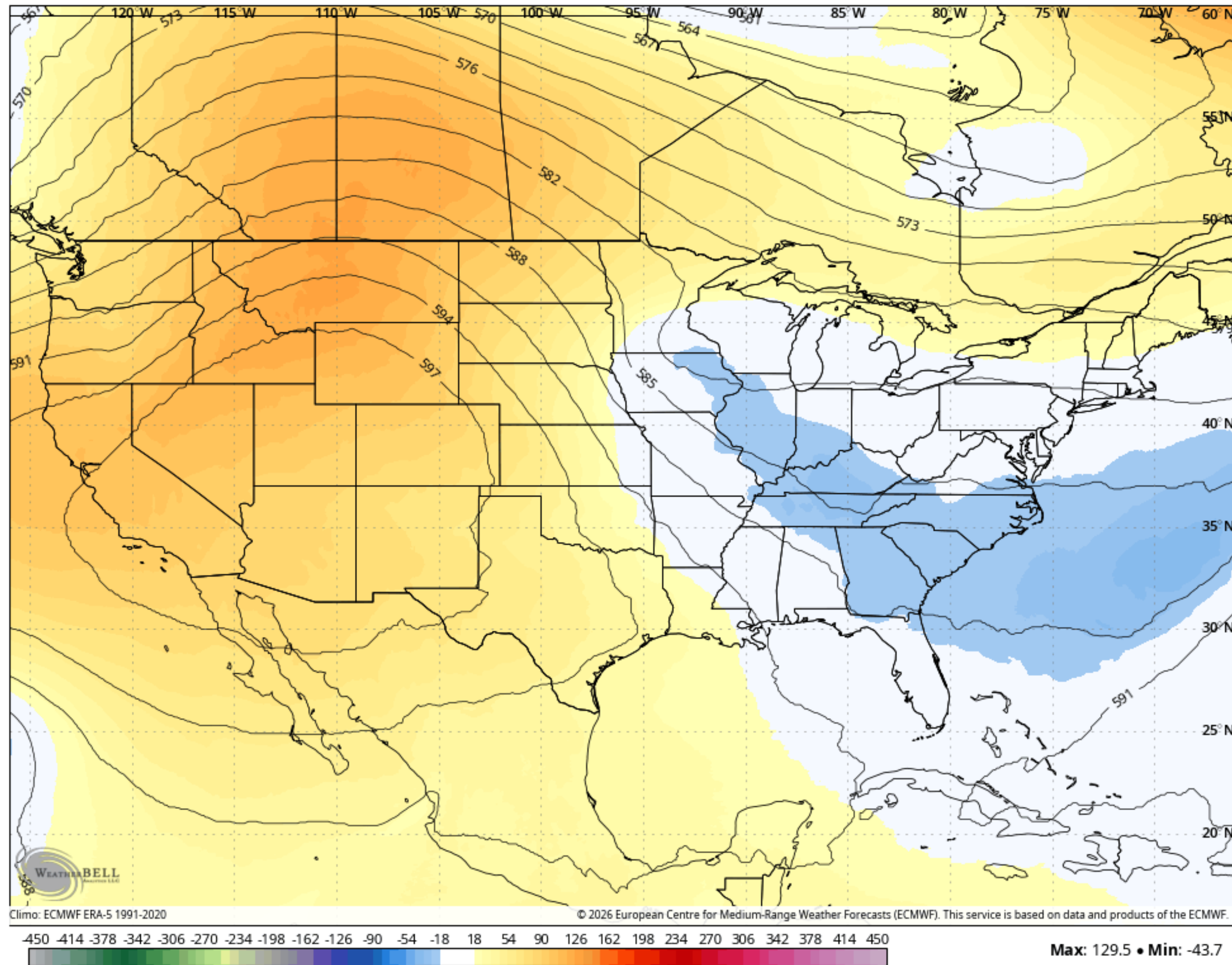
Hour: 90 • Valid: 00z Mon 27 Jul 2026



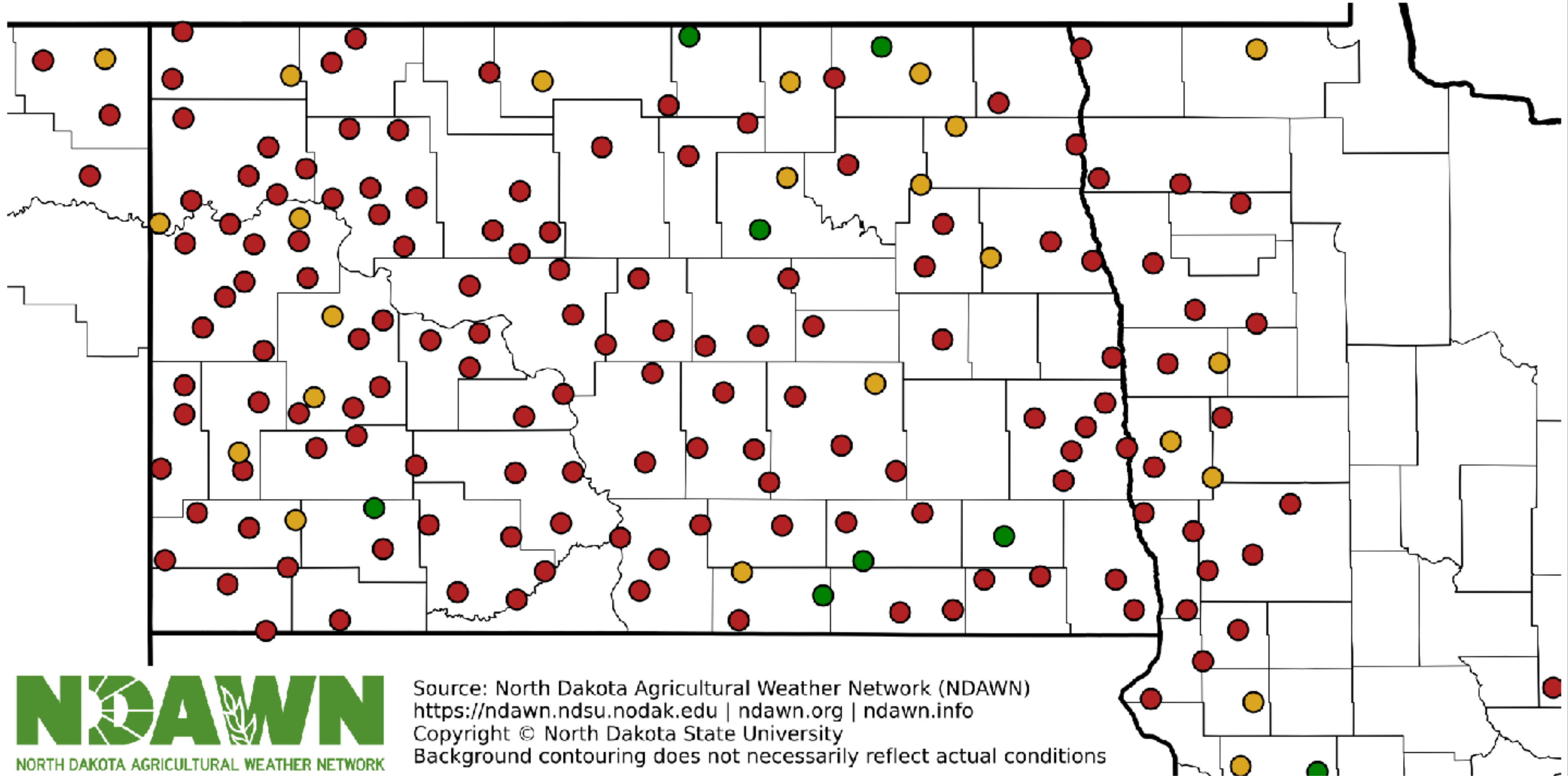
Ridge

ECMWF 0.1° Init 00z 23 Jul 2026 • 500mb Height (dam) and Anomaly (m)

Hour: 228 • Valid: 12z Sat 1 Aug 2026



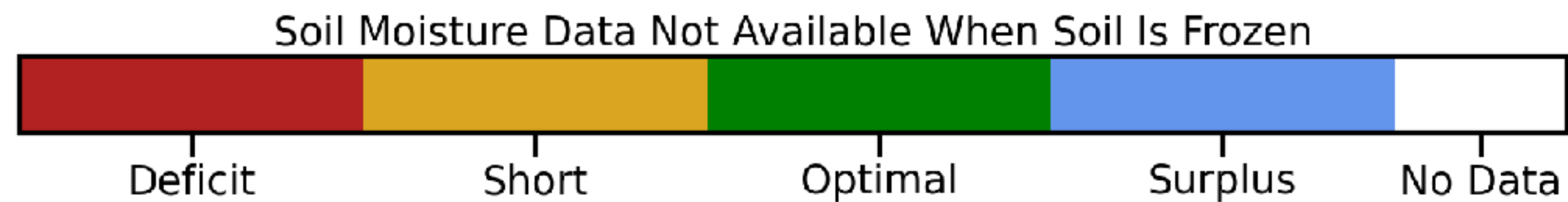
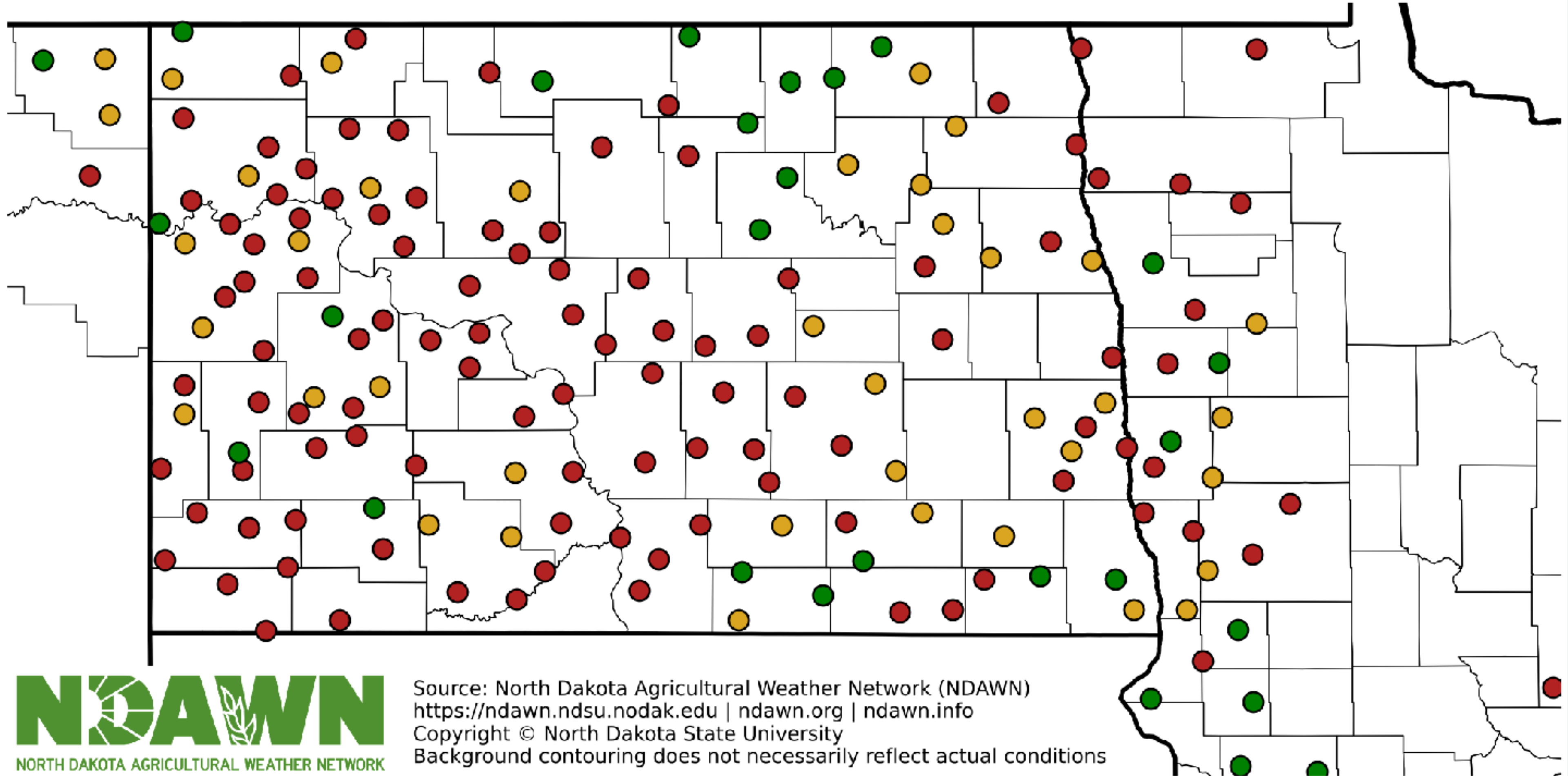
Ridge



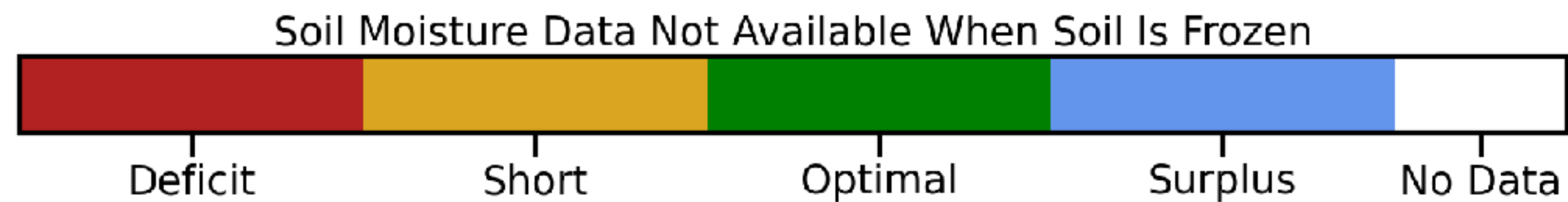
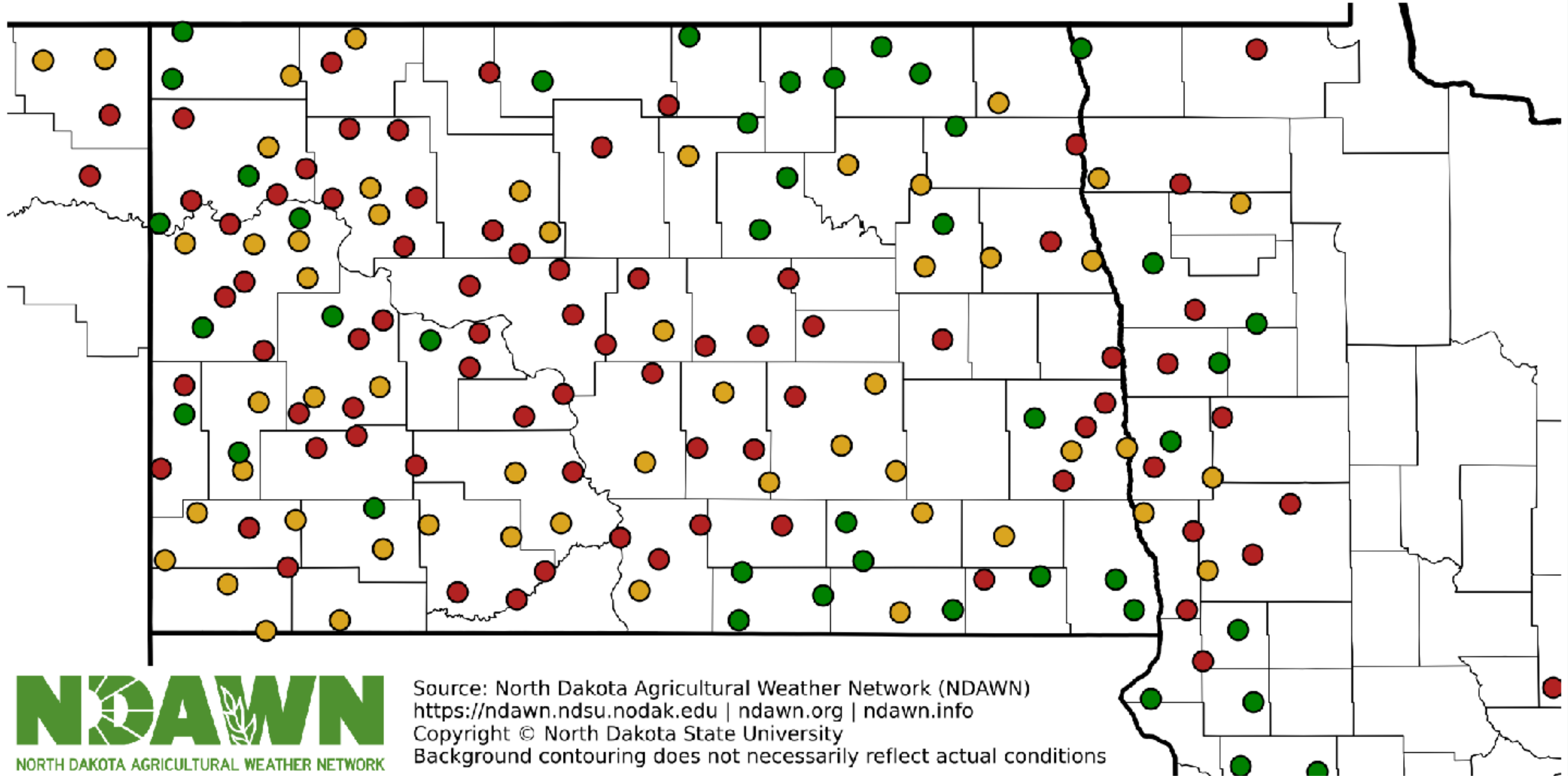
Soil Moisture Data Not Available When Soil Is Frozen



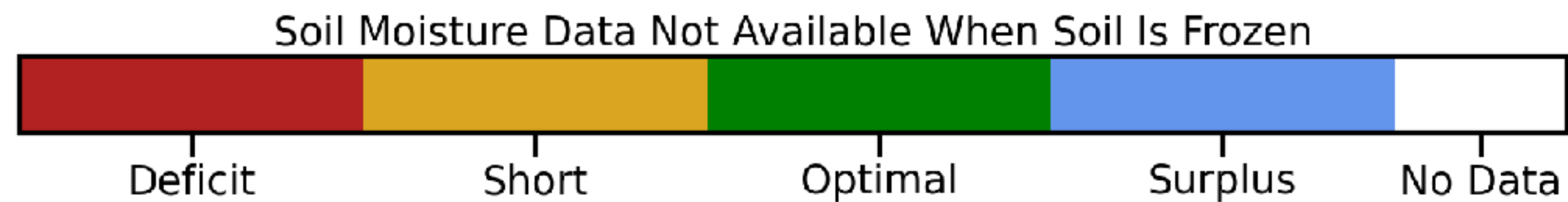
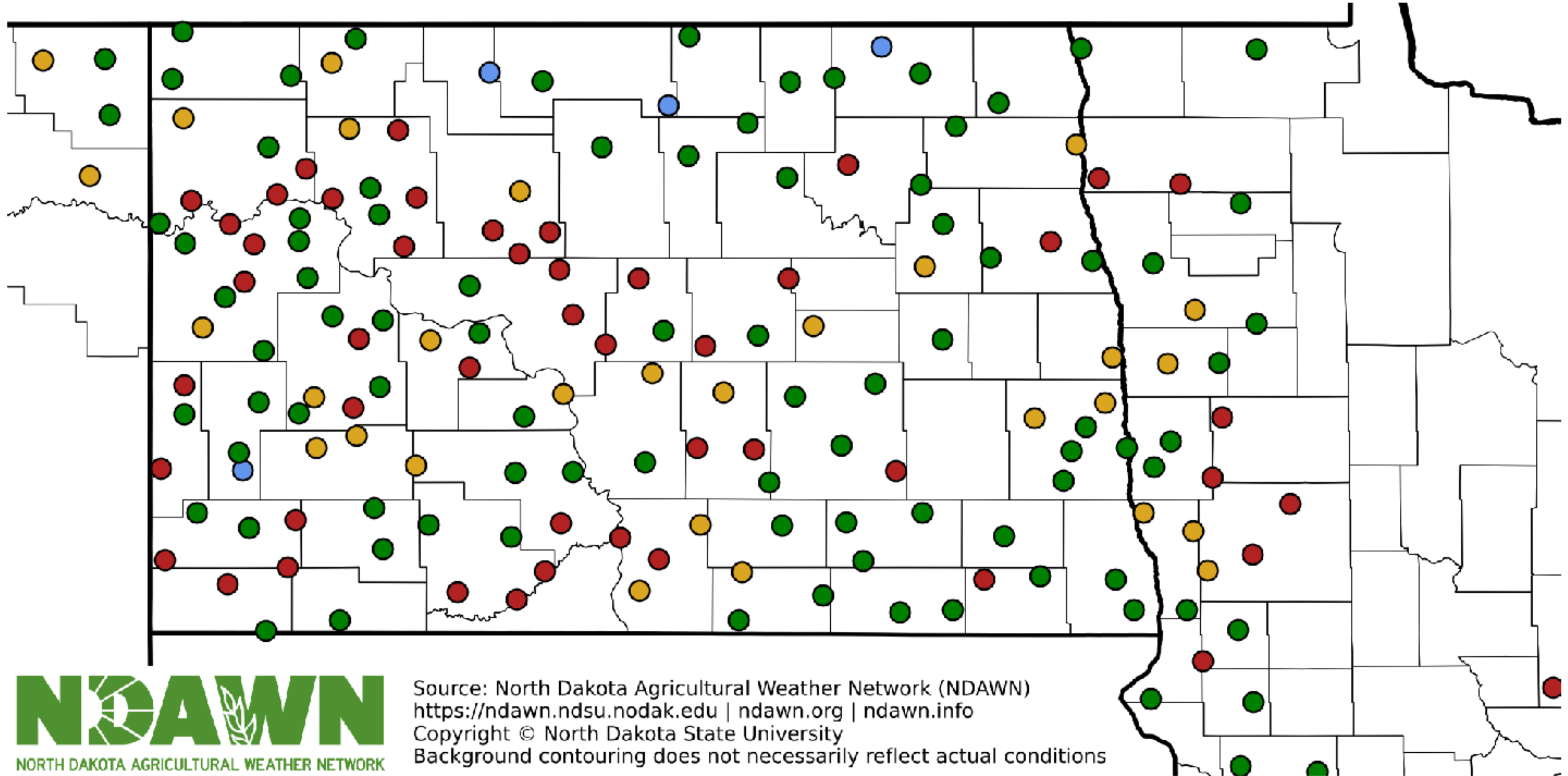
Soil Water



Soil Water



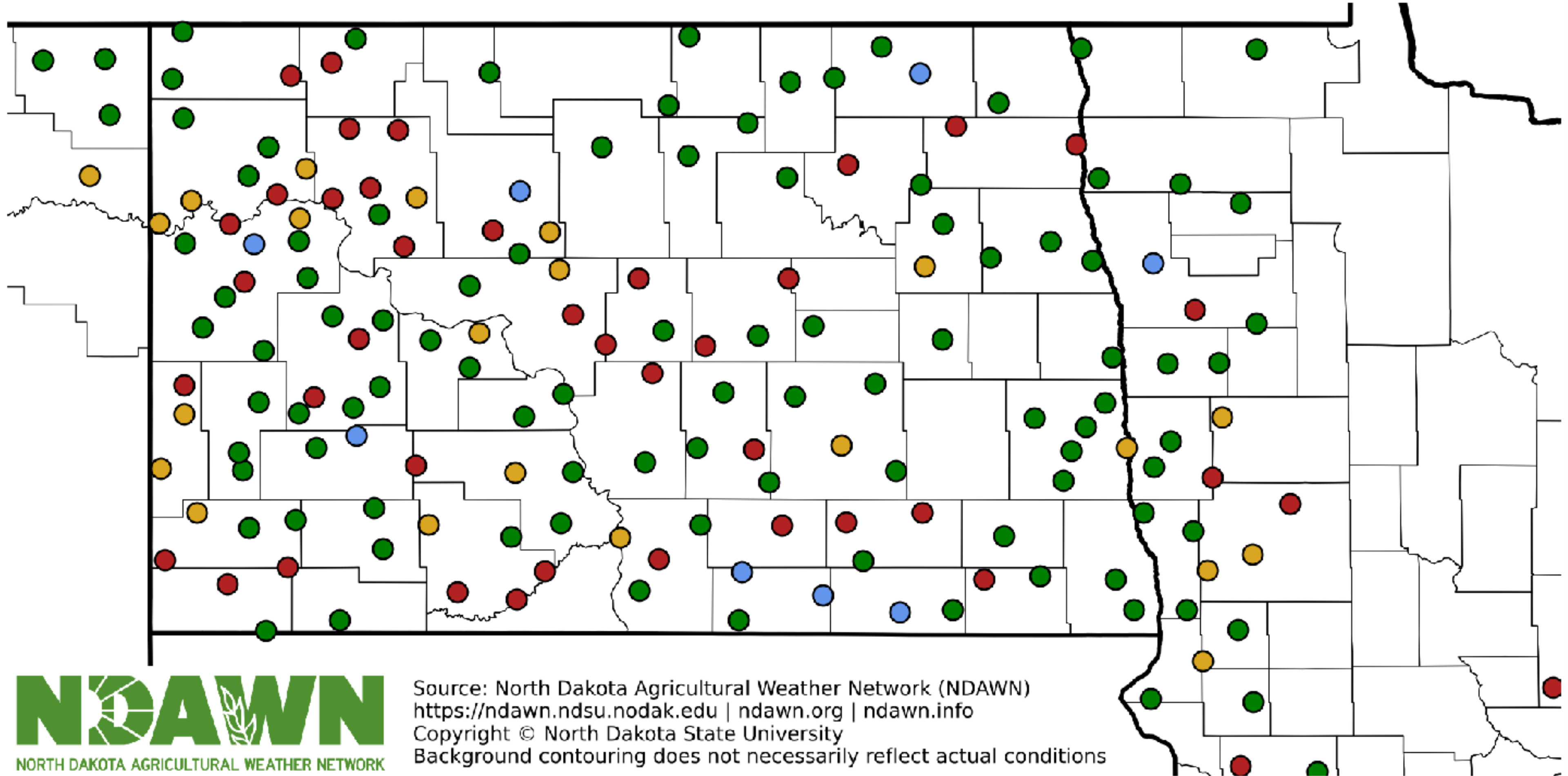
Soil Water



Soil Water

Soil Moisture 40 Inch Depth

Jul 23 2026 08:00 AM



NDAWN
NORTH DAKOTA AGRICULTURAL WEATHER NETWORK

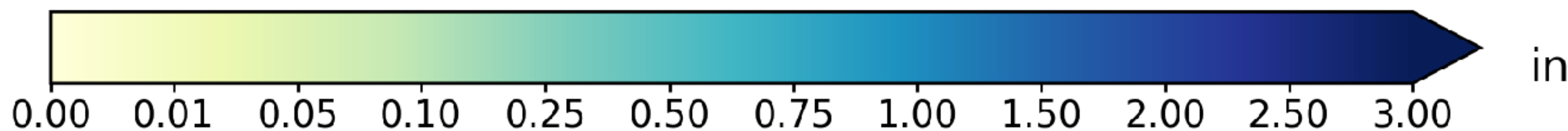
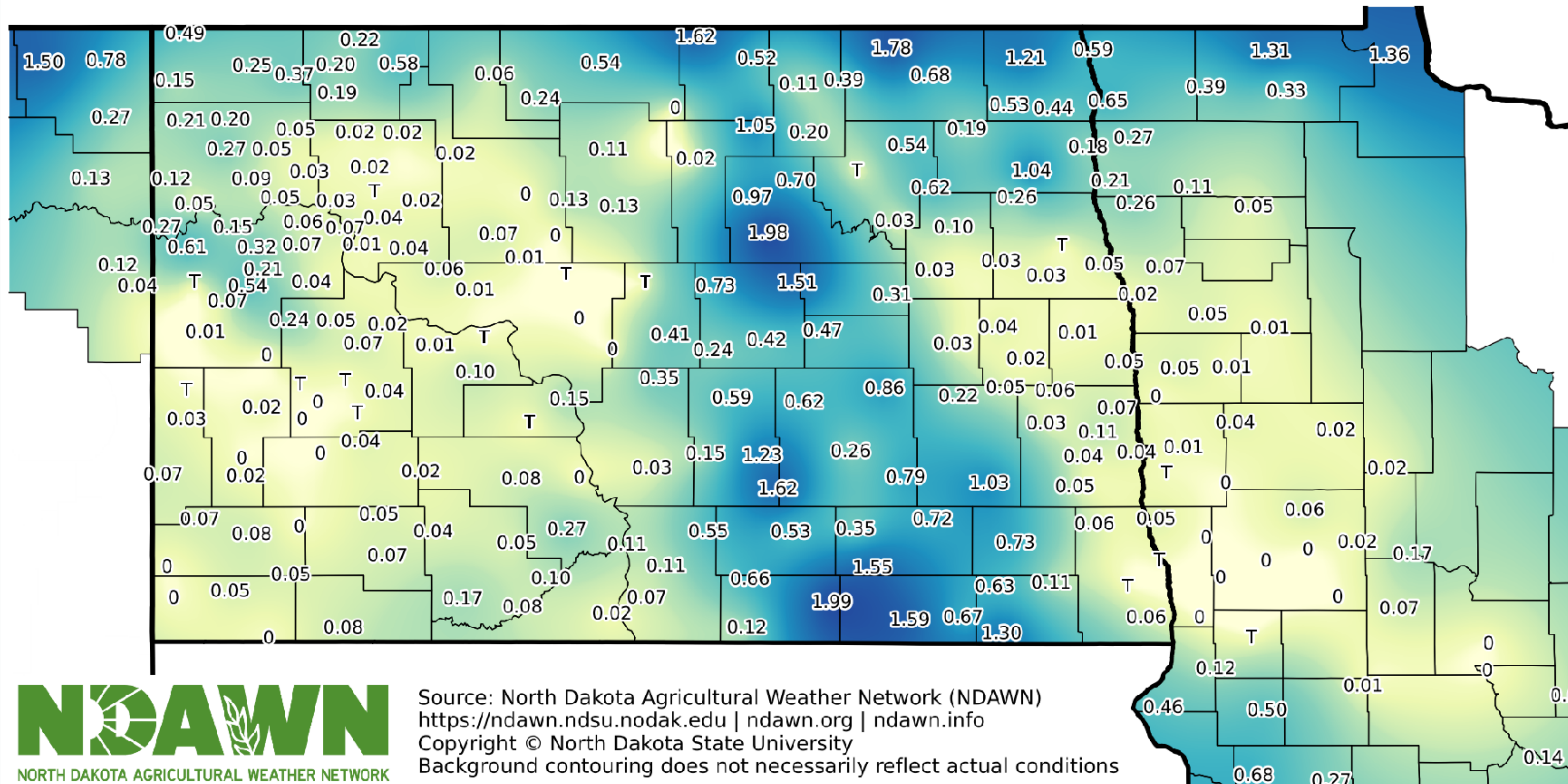
Soil Moisture Data Not Available When Soil Is Frozen



Soil Water

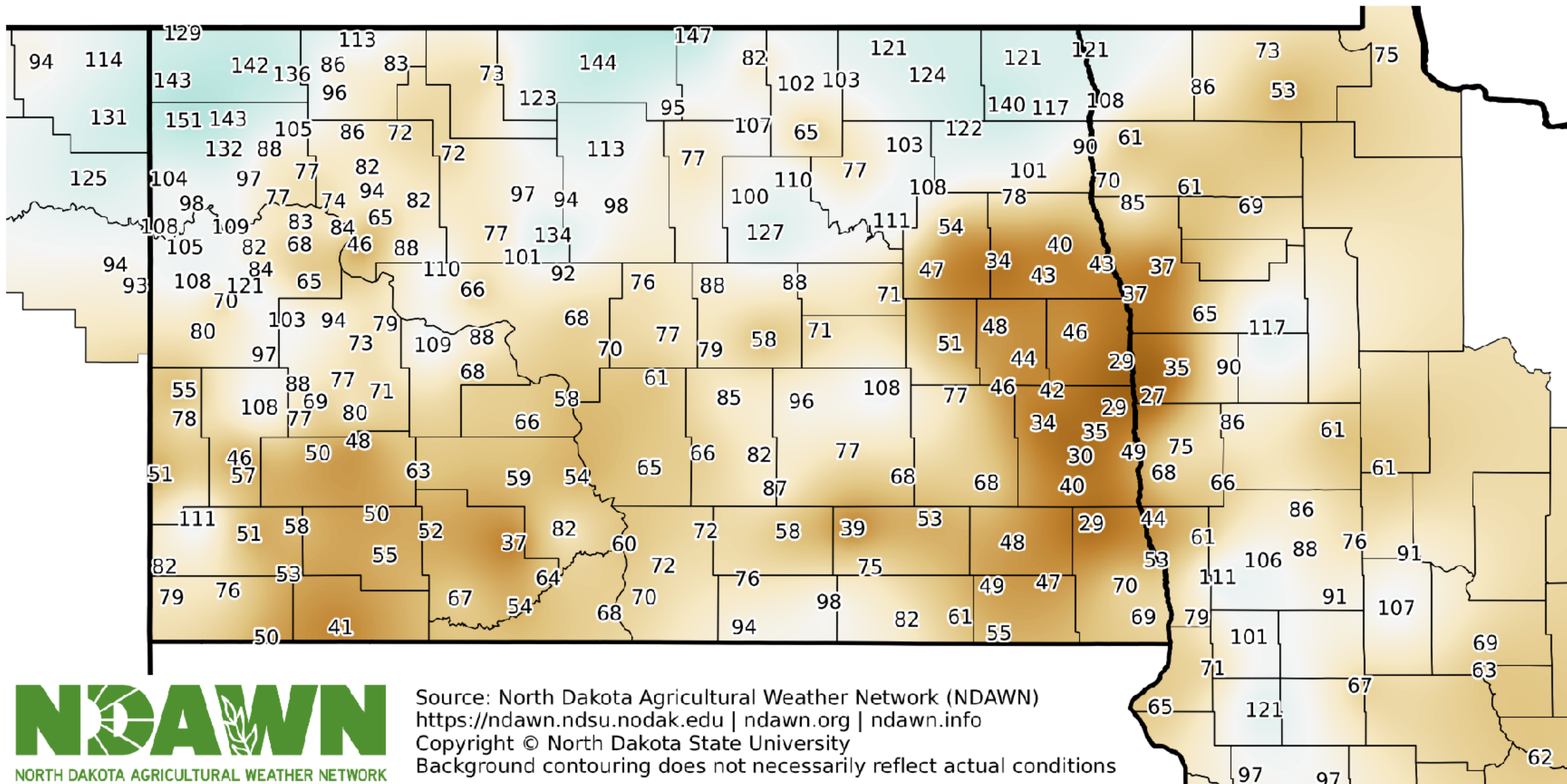
Total Precipitation - Past 14 Days (in)

Jul 22 2026

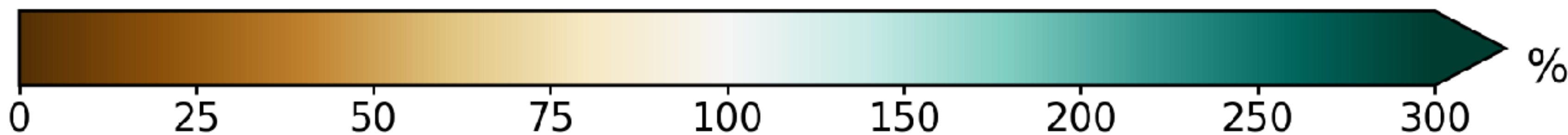


Percent of Normal Precipitation Since June 1 (%)

Jul 22 2026



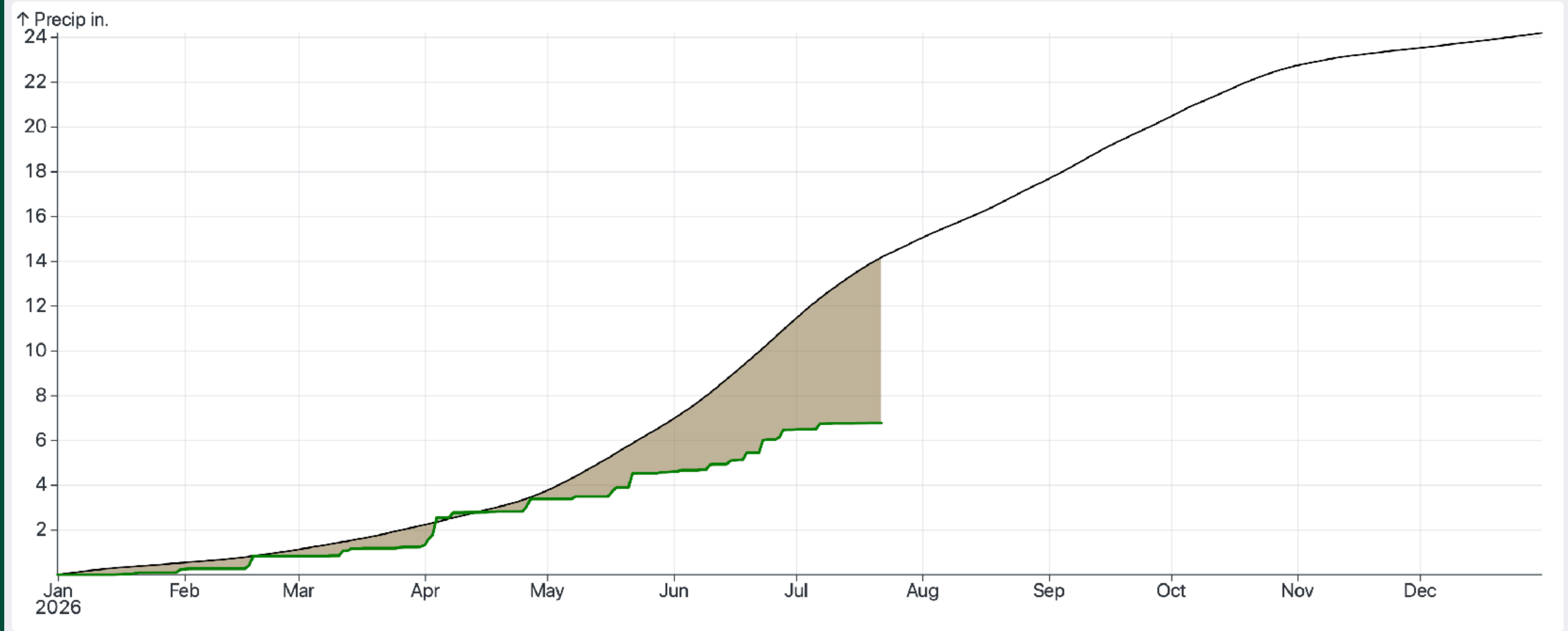
Source: North Dakota Agricultural Weather Network (NDAWN)
<https://ndawn.ndsu.nodak.edu> | ndawn.org | ndawn.info
Copyright © North Dakota State University
Background contouring does not necessarily reflect actual conditions



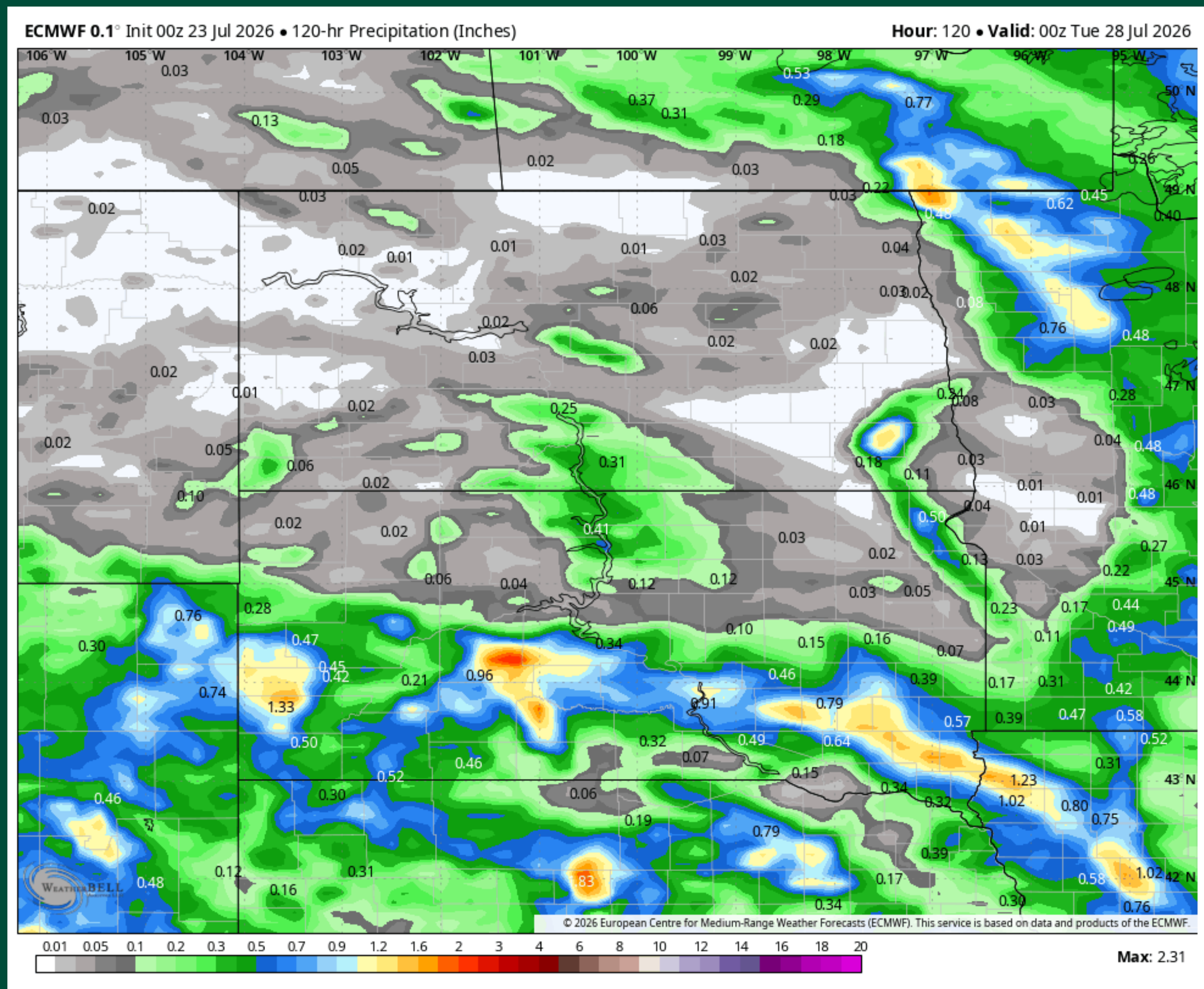
Precipitation

Casselton 2026

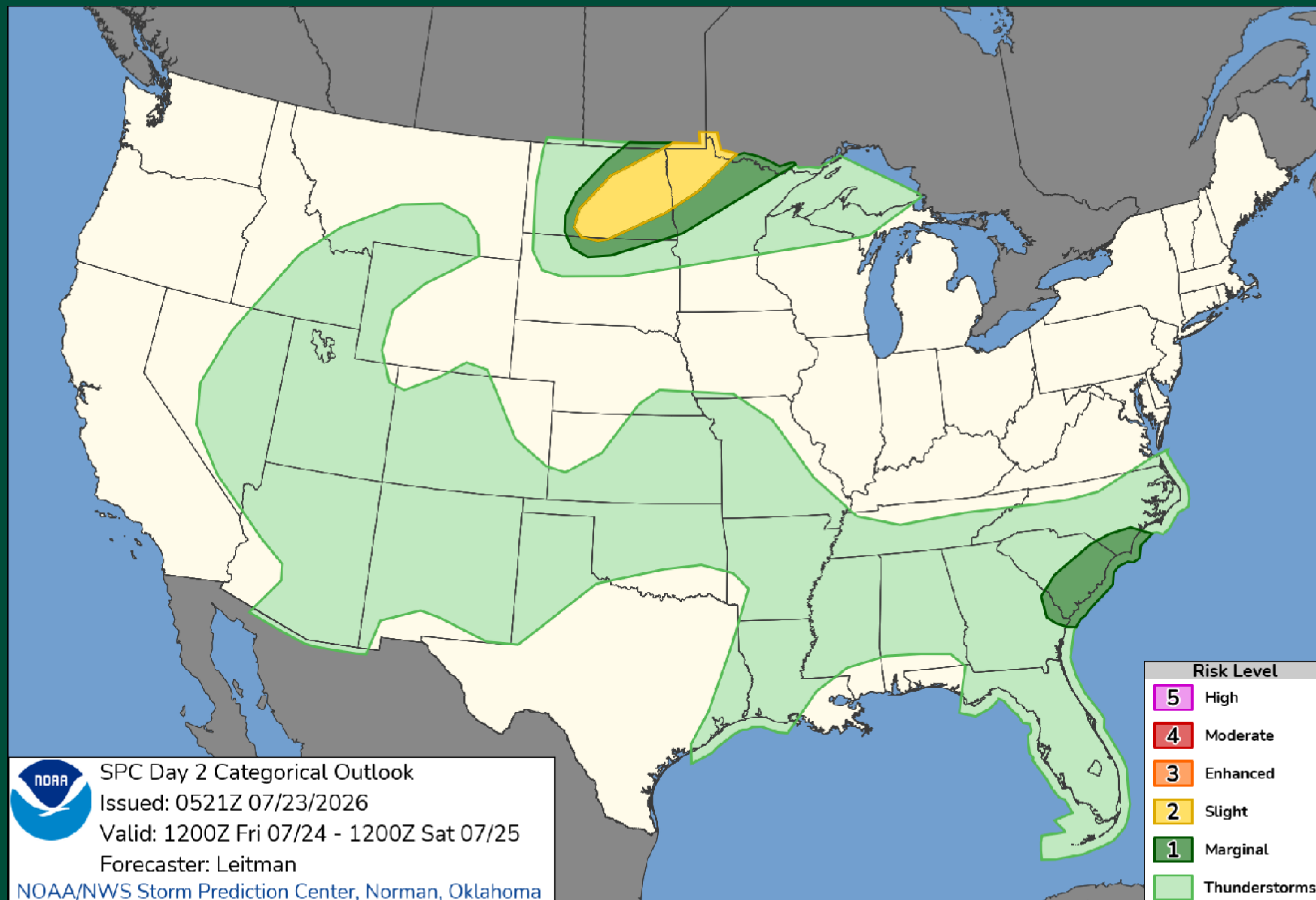
■ Daily Precip ■ Normal Daily Precip



Casselton From Average



Next 5 Days: Little Moisture



Slight Risk Tomorrow

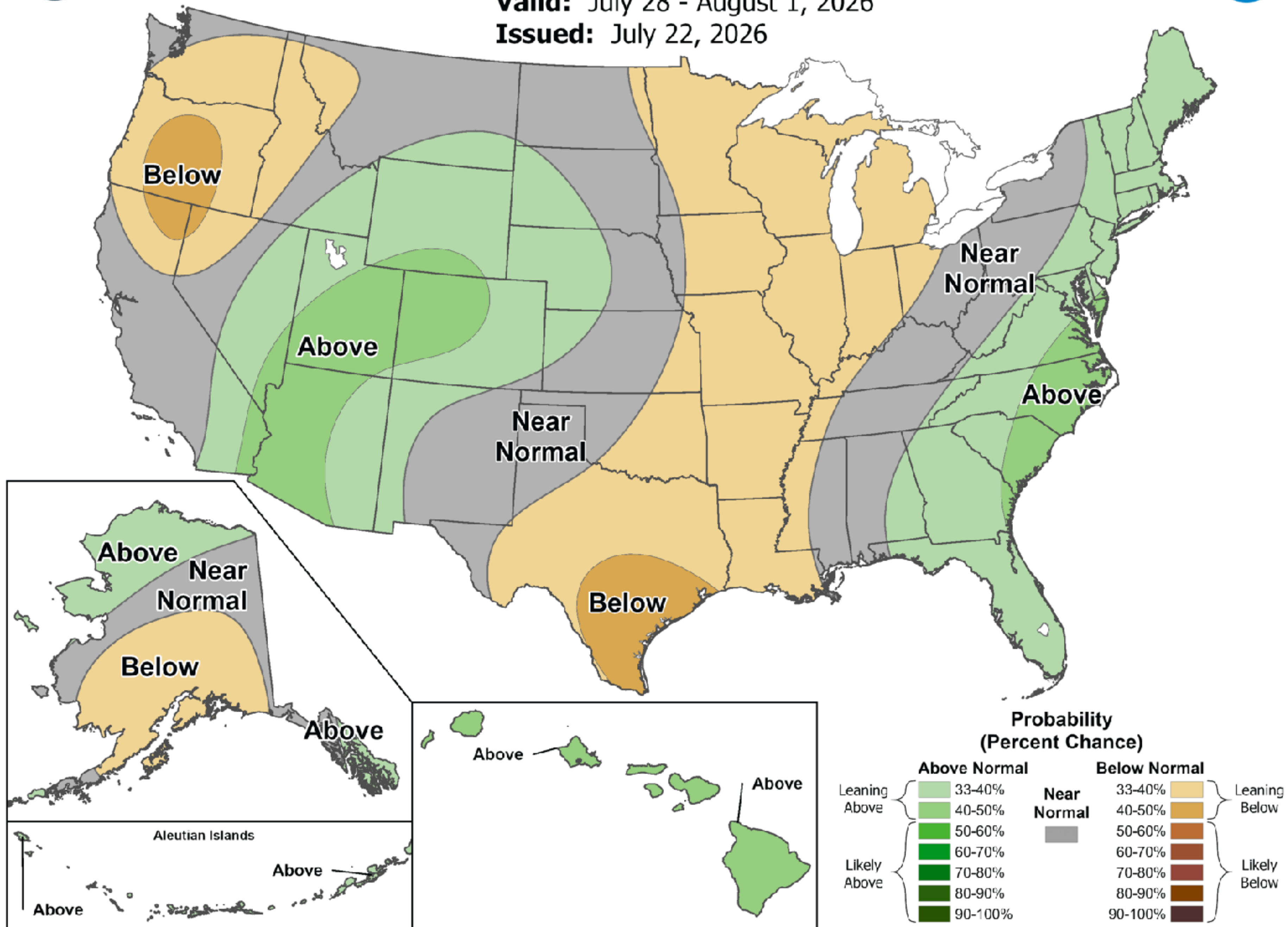


6-10 Day Precipitation Outlook



Valid: July 28 - August 1, 2026

Issued: July 22, 2026



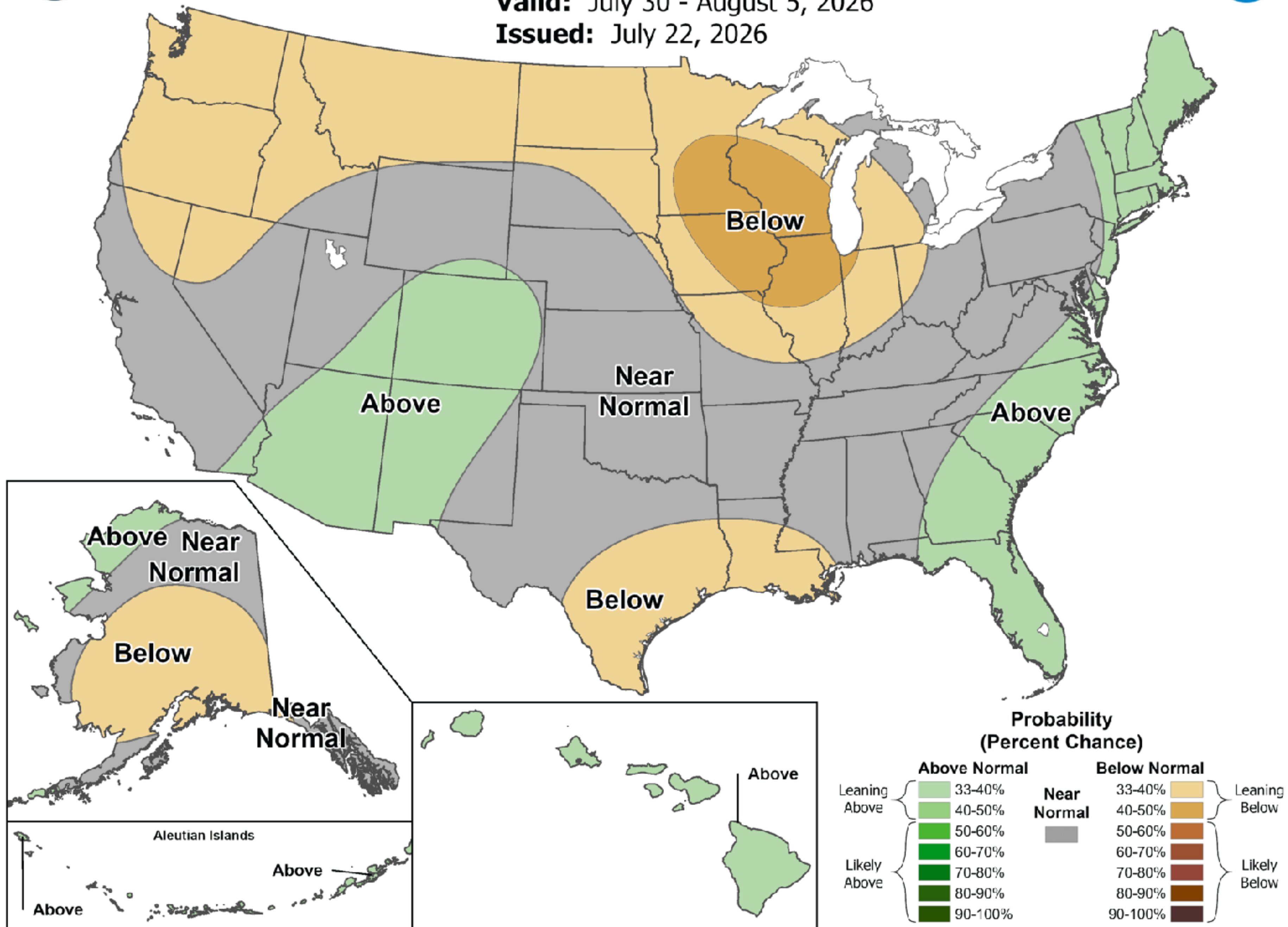


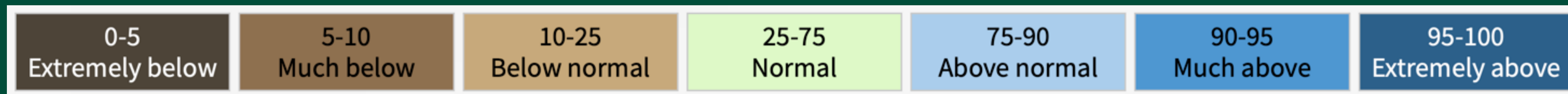
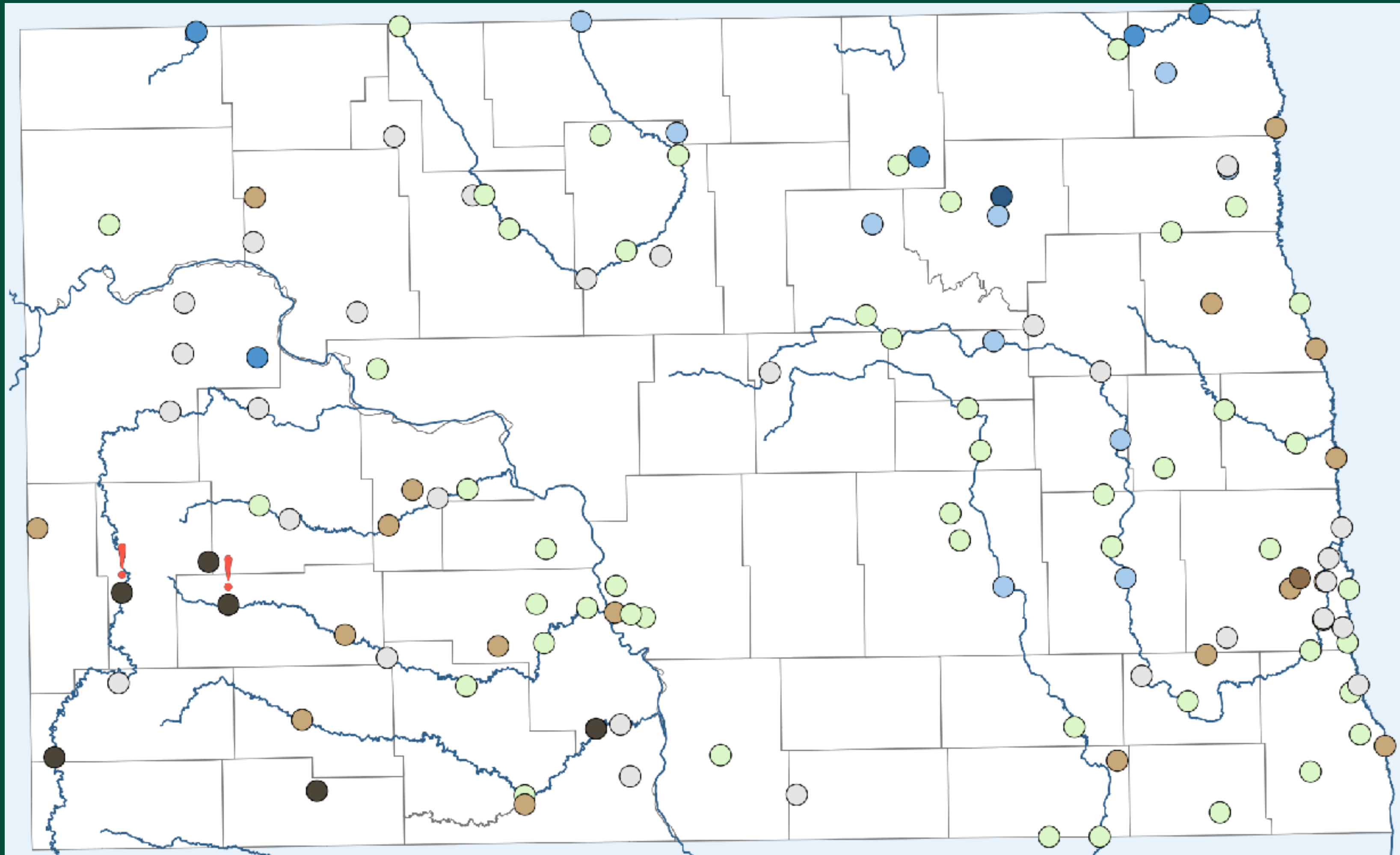
8-14 Day Precipitation Outlook



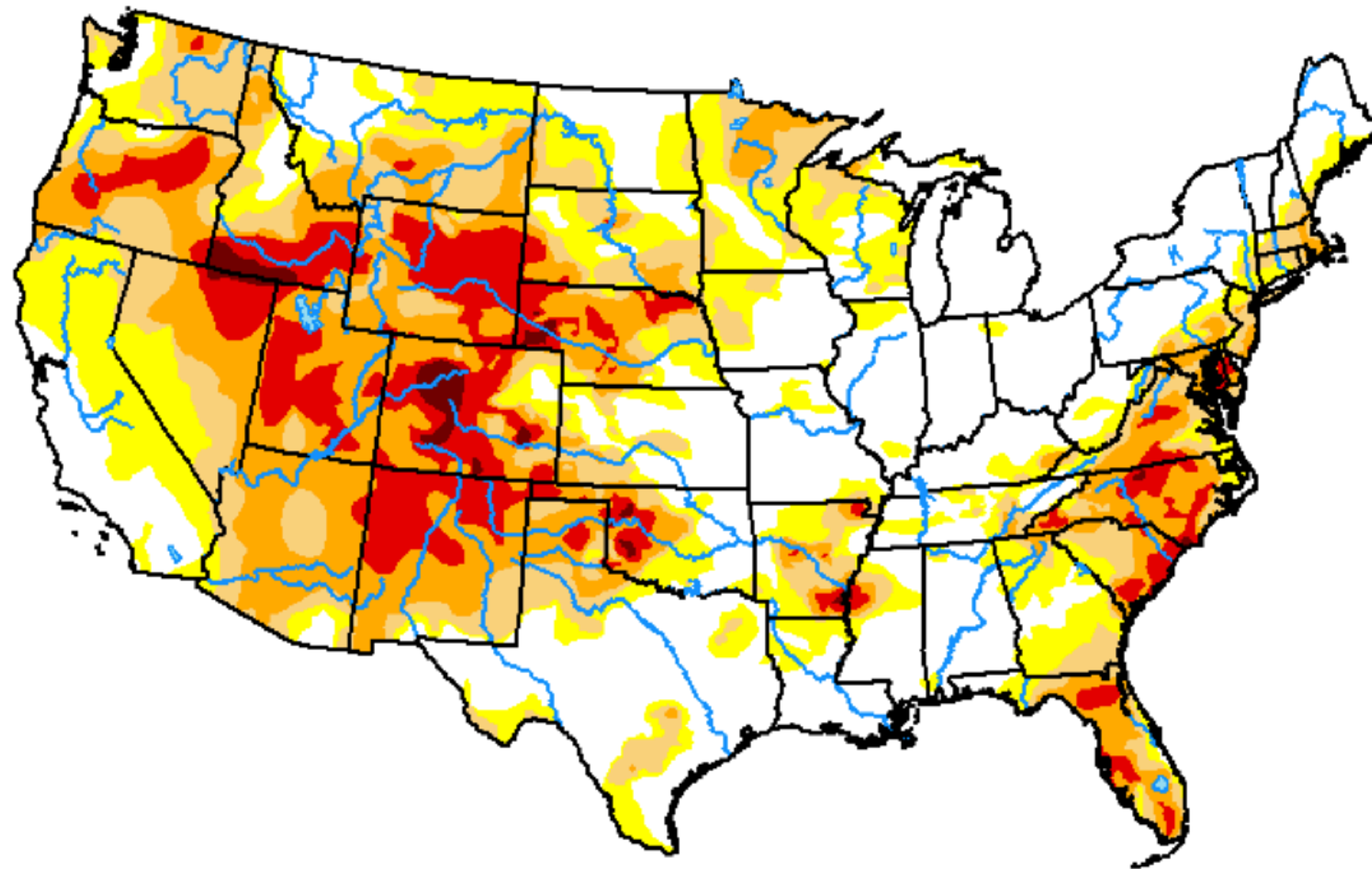
Valid: July 30 - August 5, 2026

Issued: July 22, 2026

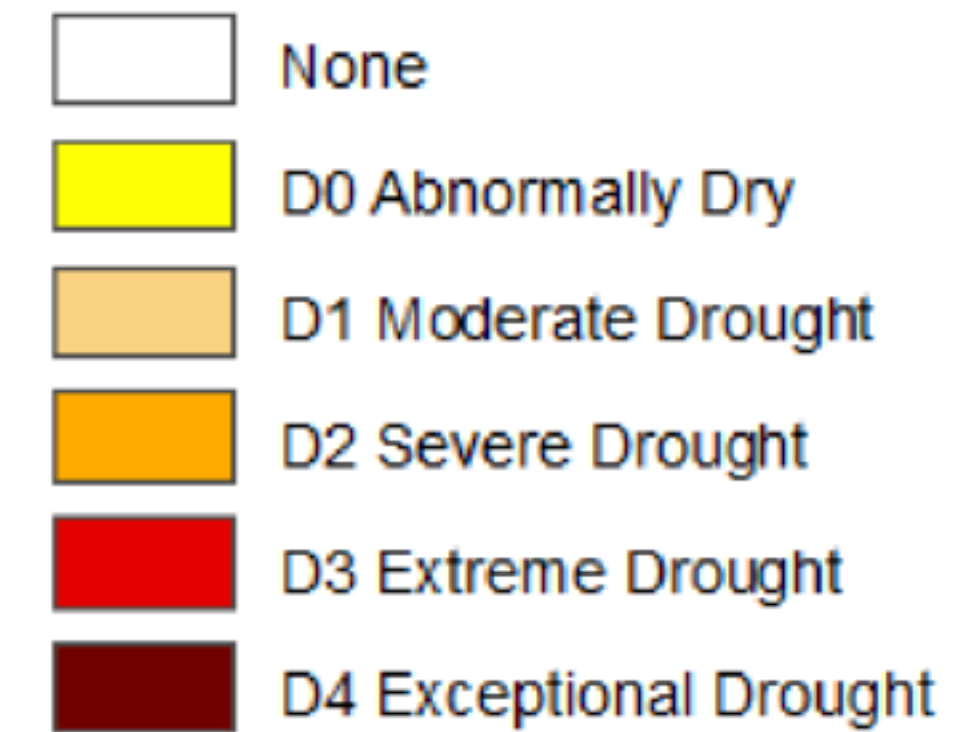




Current Stream Flows



Intensity:

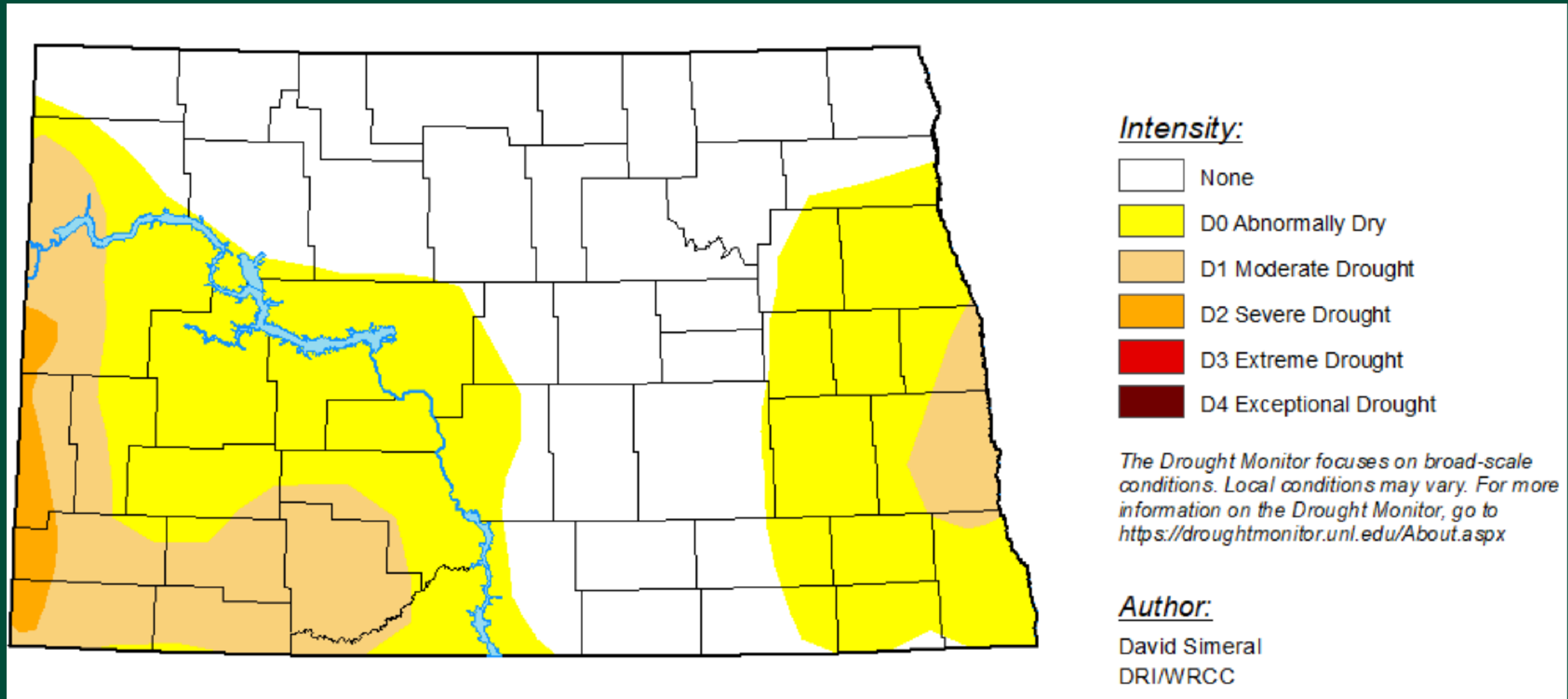


The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:

David Simeral
DRI/WRCC

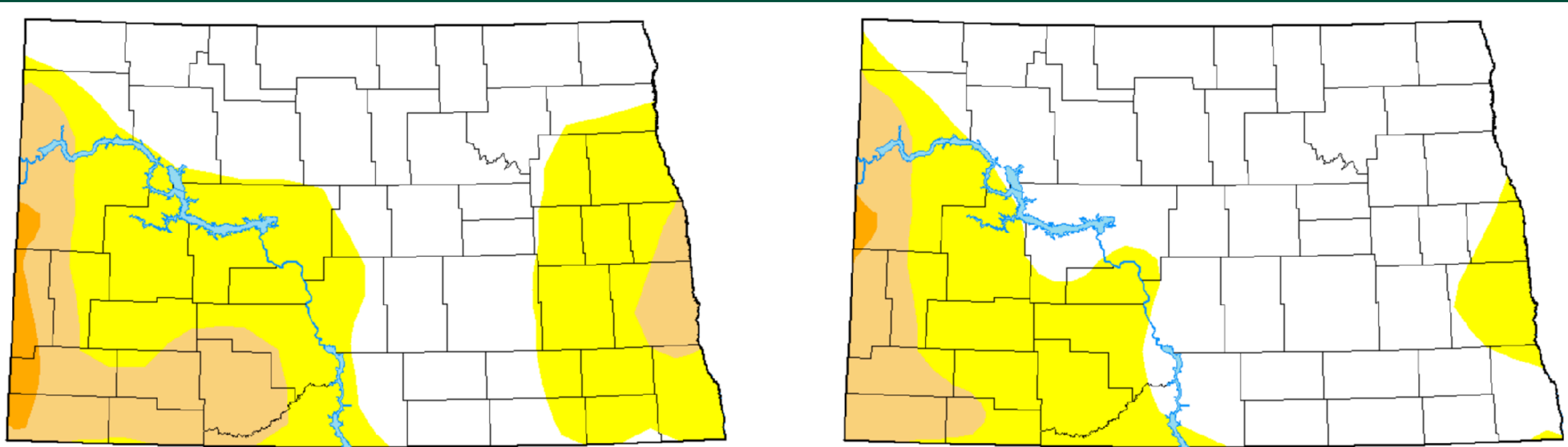
Drought Monitor



North Dakota Drought Monitor

July 21, 2026

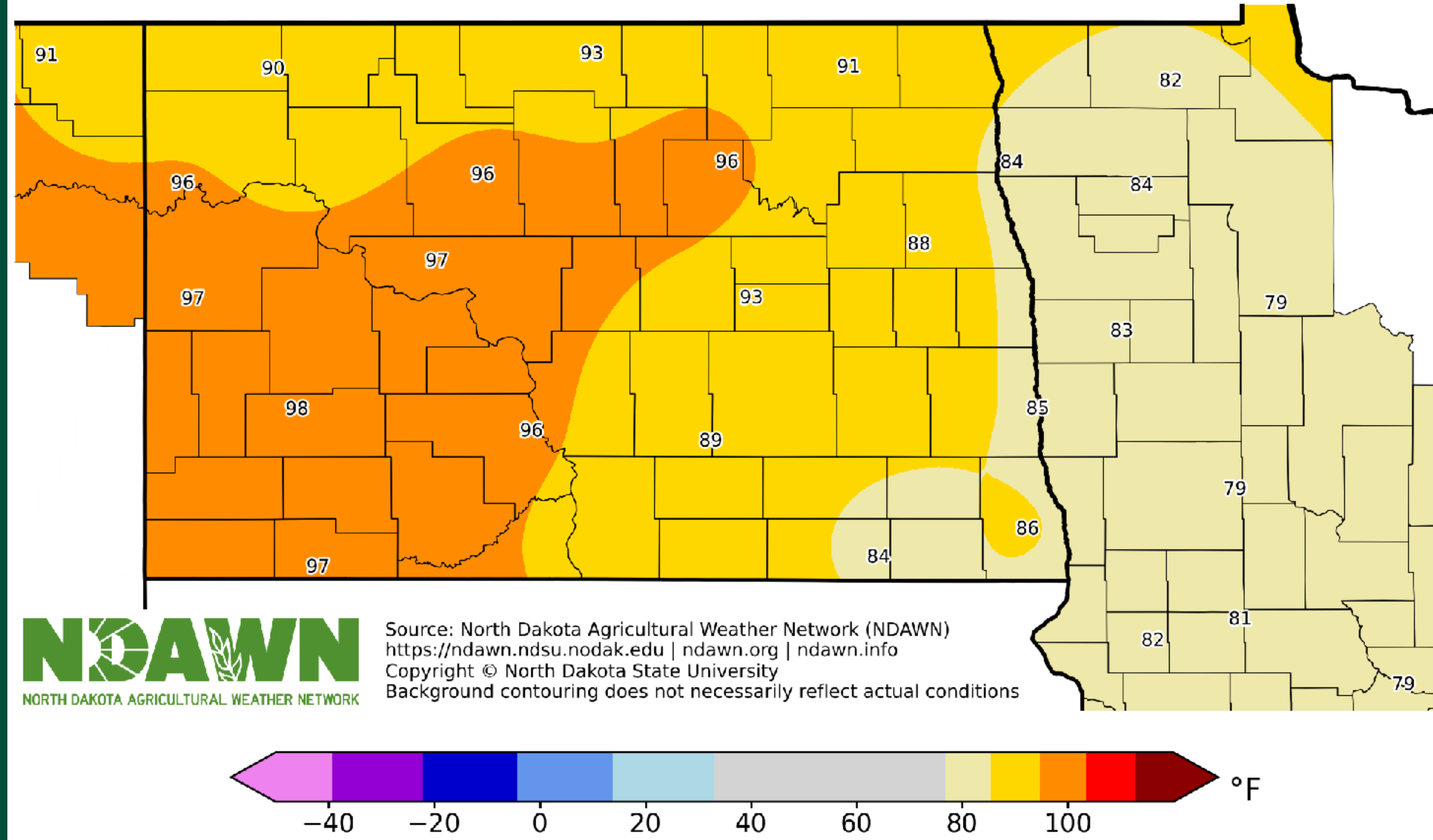
July 7, 2026



Two Week Comparison

Week	Date	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	<u>2026-07-21</u>	46.30	53.70	16.72	1.67	0.00	0.00
Last Week to Current	<u>2026-07-14</u>	56.69	43.31	11.05	0.35	0.00	0.00
3 Months Ago to Current	<u>2026-04-21</u>	100.00	0.00	0.00	0.00	0.00	0.00
Start of Calendar Year to Current	<u>2025-12-30</u>	98.04	1.96	0.00	0.00	0.00	0.00
Start of Water Year to Current	<u>2025-09-30</u>	94.92	5.08	0.00	0.00	0.00	0.00
One Year Ago to Current	<u>2025-07-22</u>	46.93	53.07	23.01	0.00	0.00	0.00

North Dakota Drought Statistics



Cattle Comfort Index Tomorrow

Summary

Hot and Dry as a general rule

Some Storms Tomorrow

Triple Digit Heat this weekend

Above Average through end of month

Drought Expansion Likely

North Dakota Bi-Weekly Drought Update

Daryl Ritchison, July 23, 2026