



Key Messages

- The overall spring flood threat is **Below-Normal** due to ongoing drought conditions.

Important Information

- While there is some snow away from the mountains, the plains snowpack is not substantial.
- Area rivers have a growing ice cover, lending to a continued ice jam threat.
- This information will be updated again on February 27th, 2025.



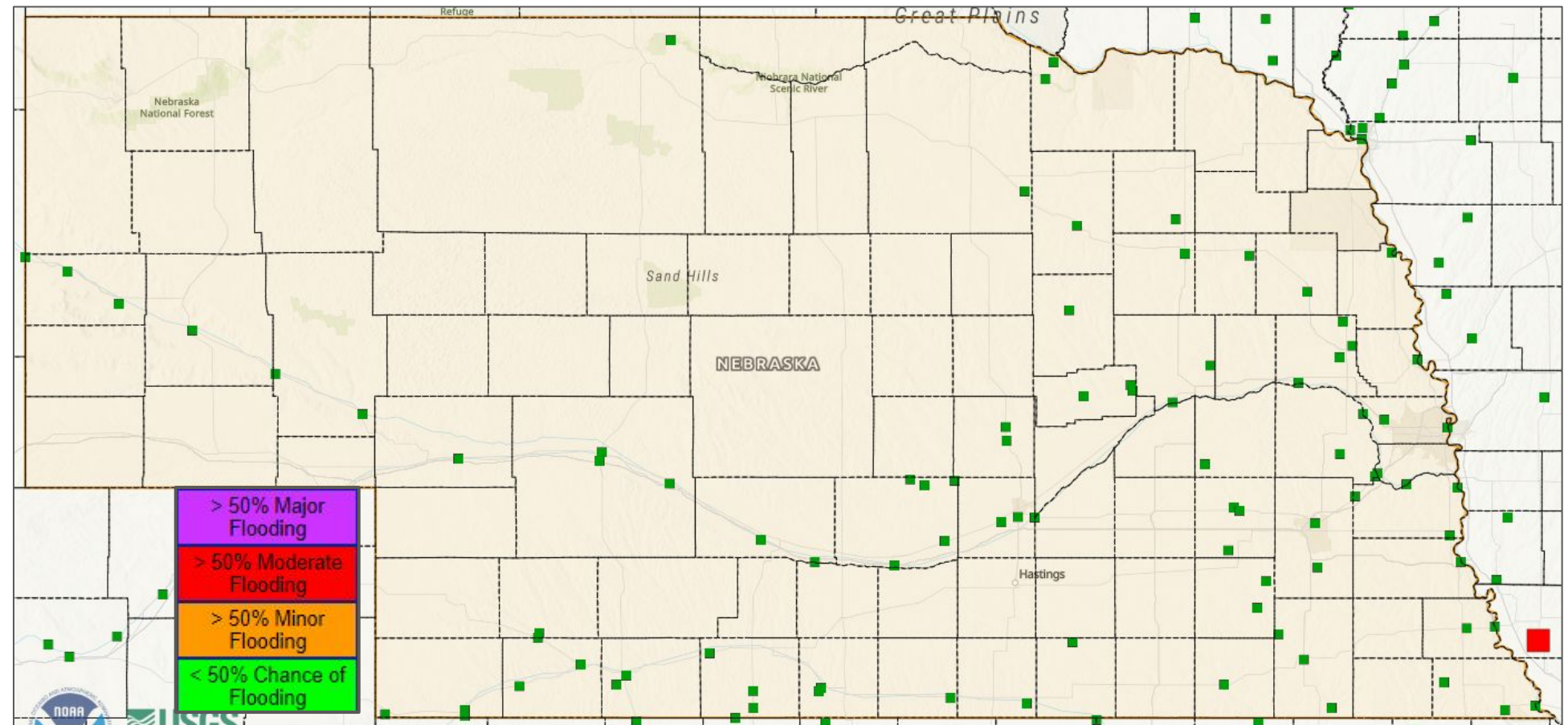
Spring Flood Outlook (Nebraska)

February 13, 2025

9:00 AM

Key Messages

- The overall spring flood threat for Nebraska is **Below-Normal**
- Based on current conditions, there are no areas of concern in Nebraska.



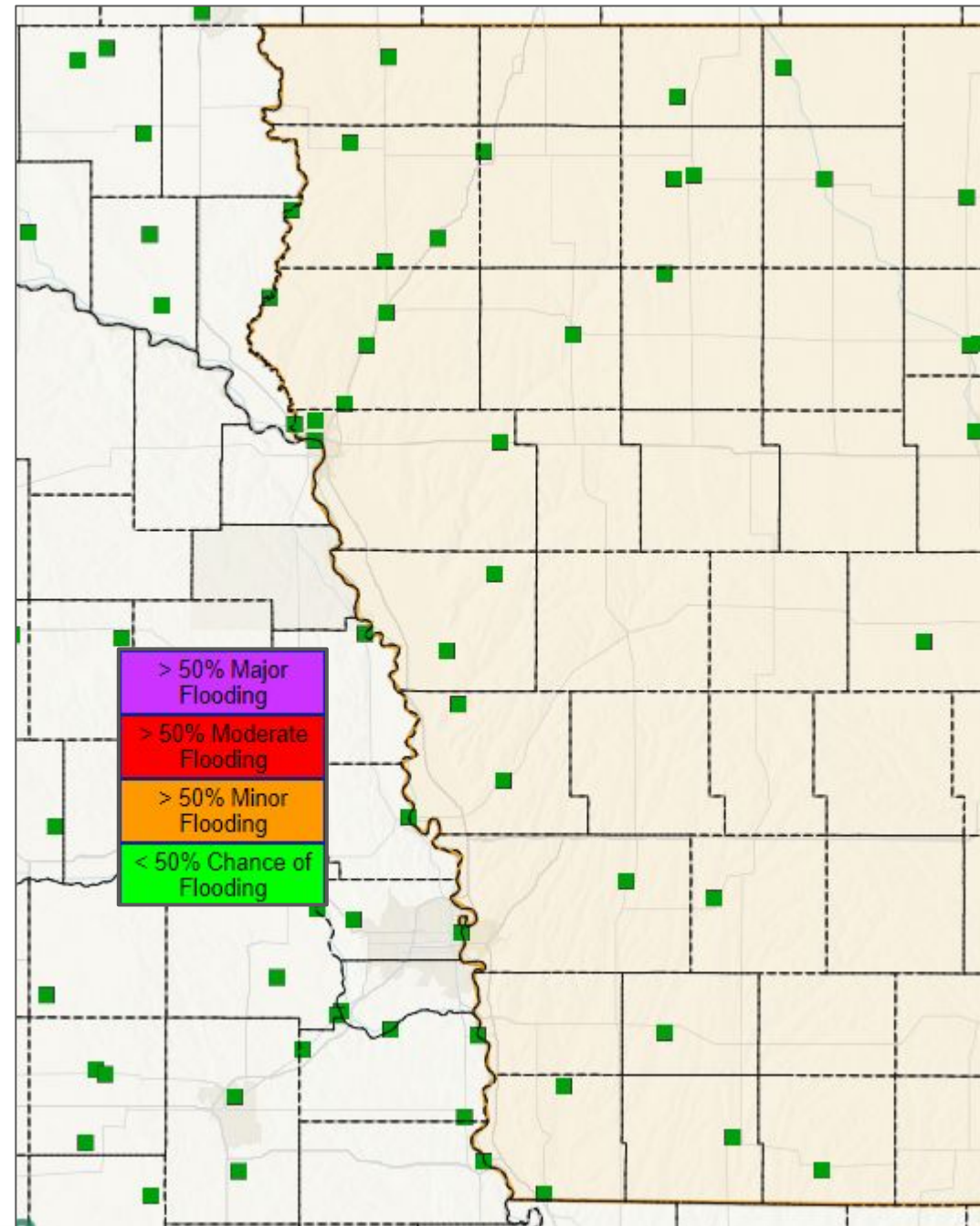


Spring Flood Outlook (Iowa)

February 13, 2025
9:00 AM

Key Messages

- The overall spring flood threat for western Iowa is **Below-Normal**
- Based on current conditions, there are no areas of concern in western Iowa.





Spring Flood Outlook

February 13, 2025

9:00 AM

| Flood Risk Contribution Factor | Contribution to Flood Risk |
|--------------------------------------|----------------------------|
| Snowpack (Plains) | Low |
| Snowpack (Missouri River headwaters) | Low |
| Snowpack (Platte River headwaters) | Normal |
| Soil Moisture | Low |
| Frost Depth | Normal |
| River Ice Thickness | Normal (increasing threat) |
| Precipitation Outlook | Low |

All flood indicators point to a below-normal risk for Spring flooding.





Spring Flood Outlook

February 13, 2025

9:00 AM

| River Basin | Flood Risk |
|---|--------------|
| Niobrara River | Below-Normal |
| Missouri River (below Sioux City to Platte River) | Below-Normal |
| Missouri River (below the Platte River) | Below-Normal |
| Platte River | Below-Normal |
| Elkhorn River | Below-Normal |
| Big Blue River | Below-Normal |
| Salt Creek | Below-Normal |
| Wahoo Creek | Below-Normal |
| Nishnabotna River | Below-Normal |





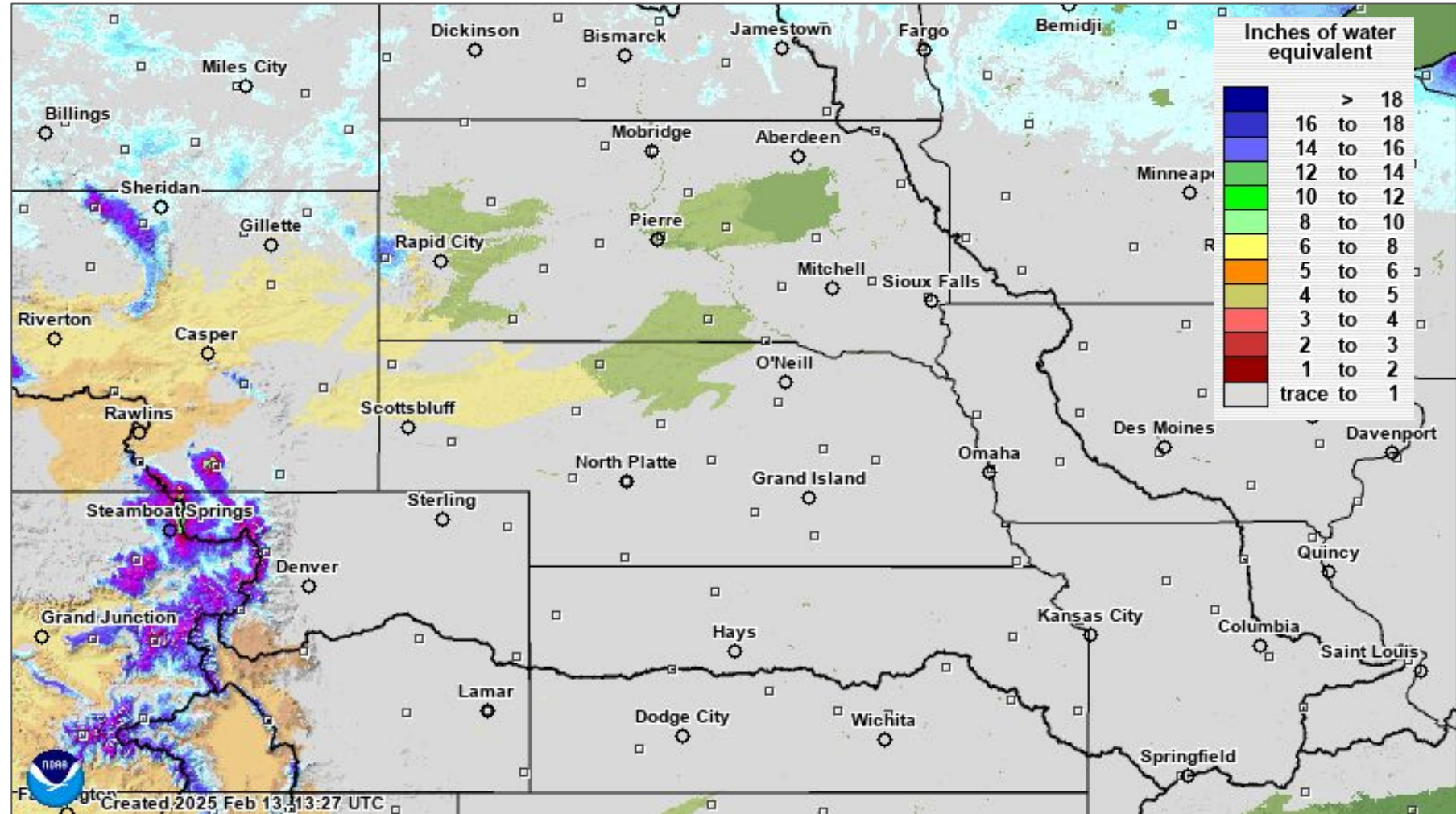
Basin-wide Snowpack

February 13, 2025

9:00 AM

Key Messages

→ There is snow basin-wide, however the water content of the Plains snow is minimal.





Winter Precipitation

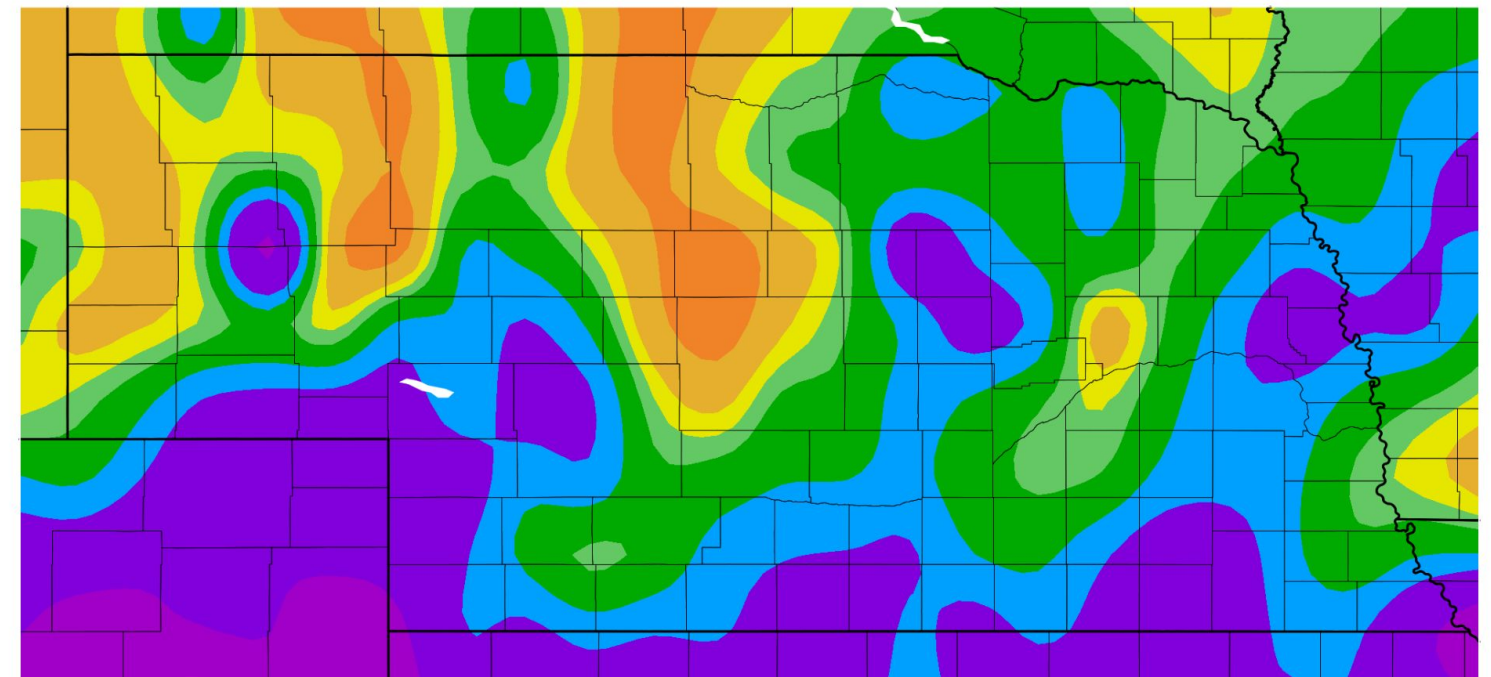
February 13, 2025

9:00 AM

Key Messages

→ Precipitation this winter has been a mixed bag. Early on in winter some moisture was observed, otherwise precipitation has been below-normal.

Percent of Normal Precipitation (%)
11/1/2024 – 1/31/2025



Generated 2/10/2025 at HPRCC using provisional data.

NOAA Regional Climate Centers

Source: High Plains Regional Climate Center

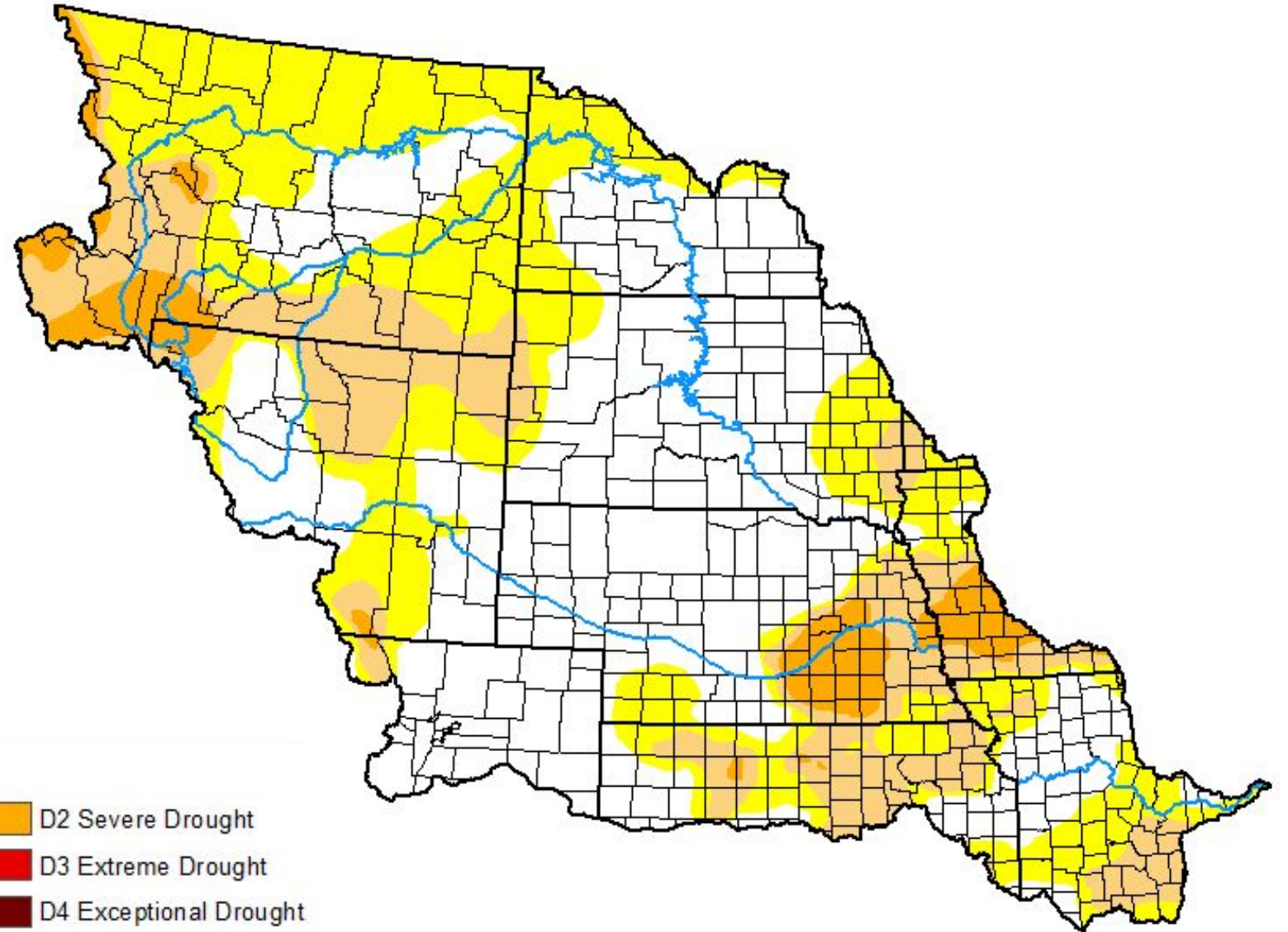


Drought Status One Year Ago

February 13, 2025
9:00 AM

Key Messages

→ No extreme drought, with much of the basin doing “okay”.



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>





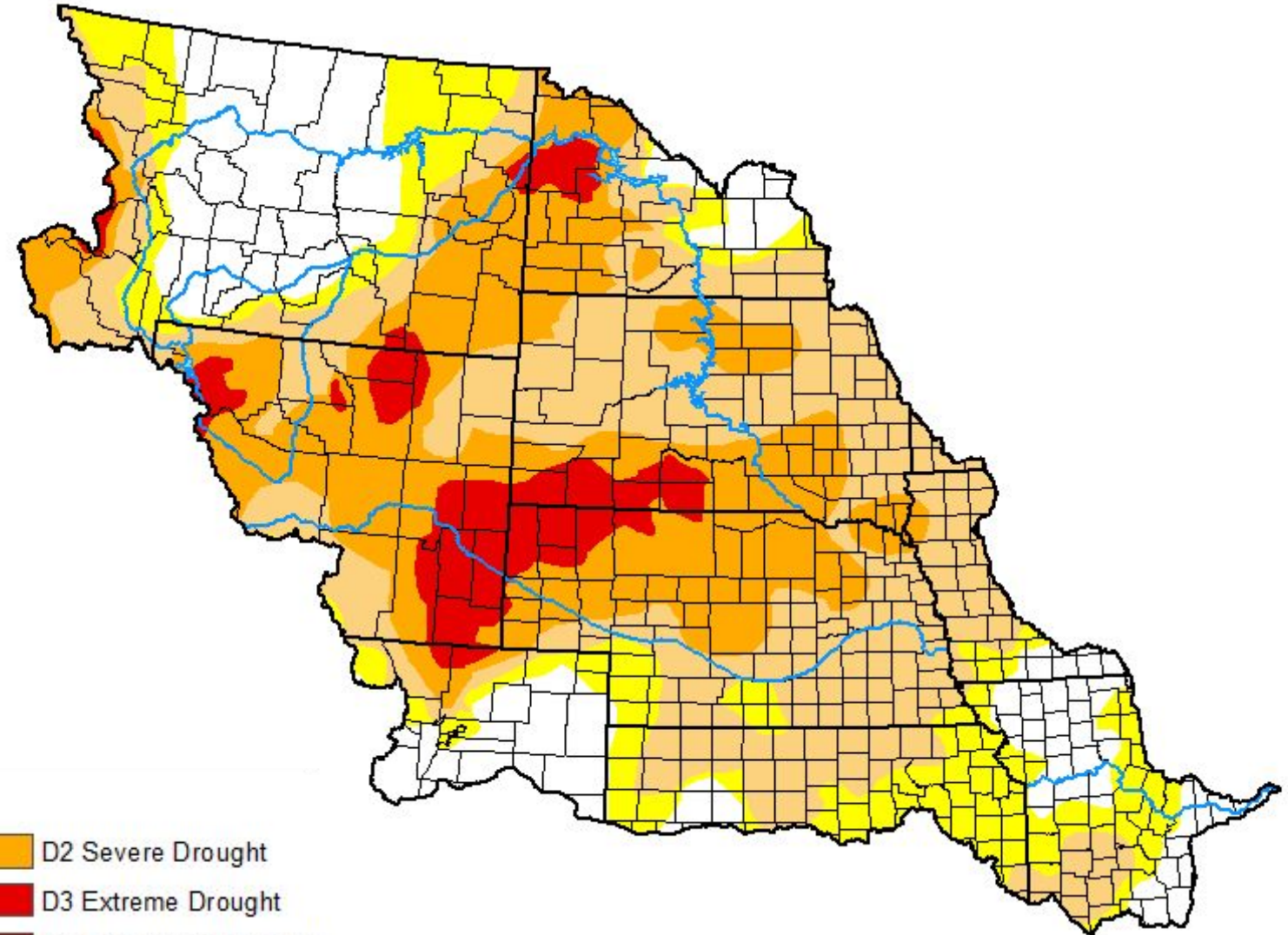
Drought Status Today

February 13, 2025

9:00 AM

Key Messages

→ Drought conditions have worsened, basin-wide.



Intensity:

| | |
|---------------------|------------------------|
| None | D2 Severe Drought |
| D0 Abnormally Dry | D3 Extreme Drought |
| D1 Moderate Drought | D4 Exceptional Drought |

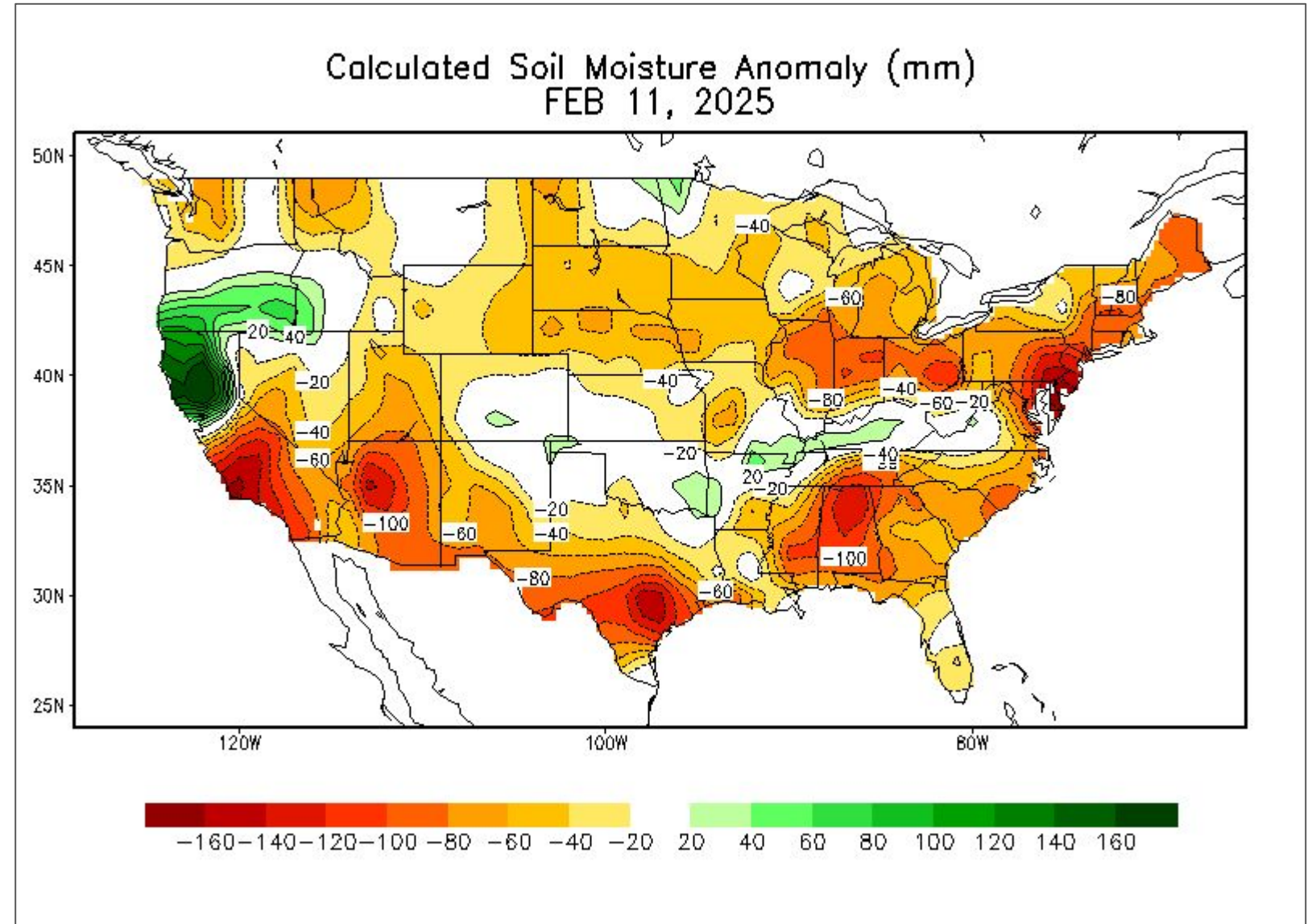
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>





Key Messages

- Soil moisture across the region is below normal.
- The driest areas are in eastern Nebraska and western Iowa.





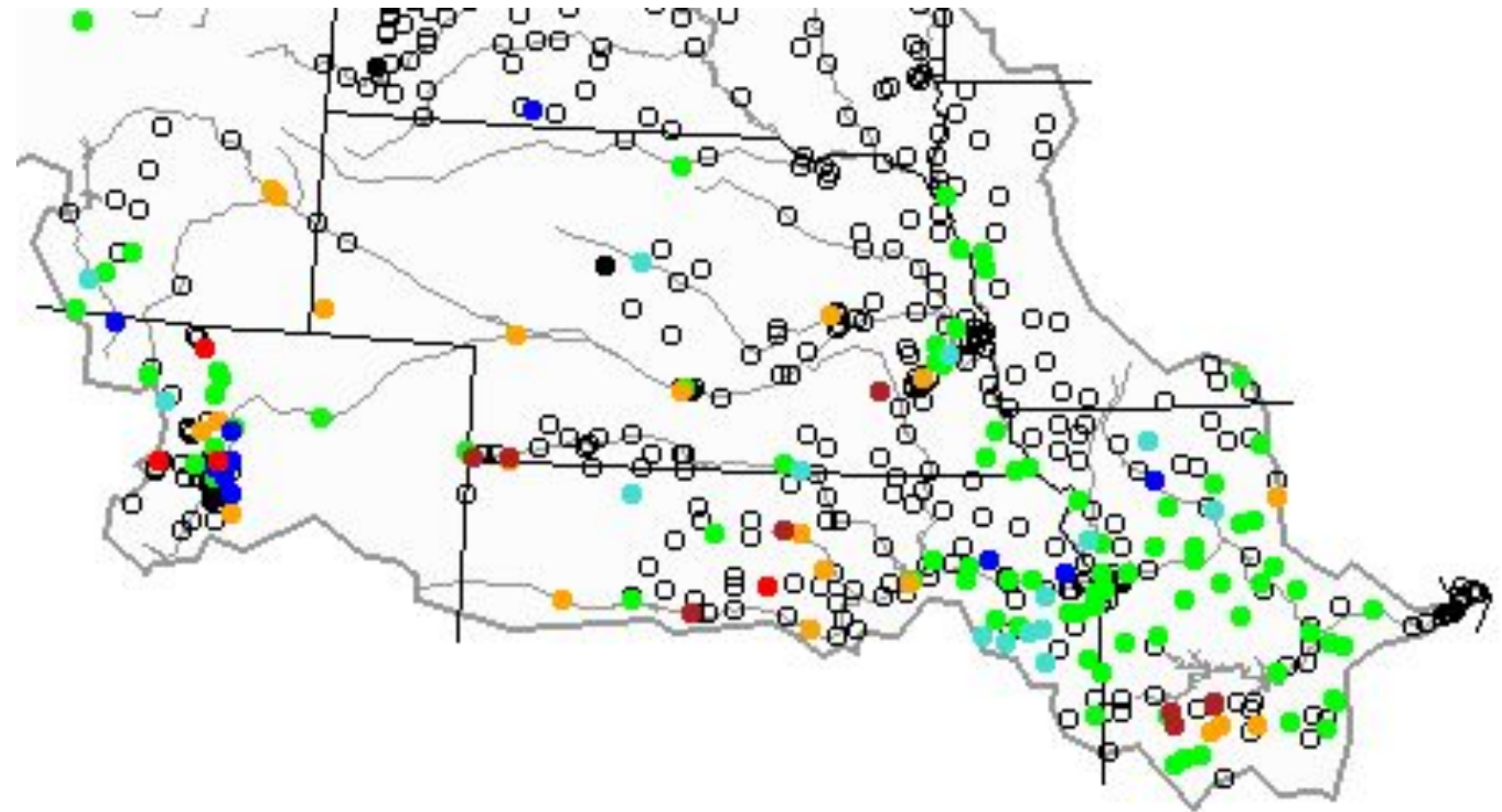
Current Streamflow

February 13, 2025

9:00 AM

Key Messages

→ Most rivers are currently near-to-below normal in eastern Nebraska and western Iowa.



| Explanation - Percentile classes | | | | | | | |
|----------------------------------|-------------------|--------------|--------|--------------|-------------------|------|------------|
| | | | | | | | |
| Low | <10 | 10-24 | 25-75 | 76-90 | >90 | High | Not-ranked |
| | Much below normal | Below normal | Normal | Above normal | Much above normal | | |





Temperature Outlook (rest of February)

February 13, 2025
9:00 AM

Key Messages

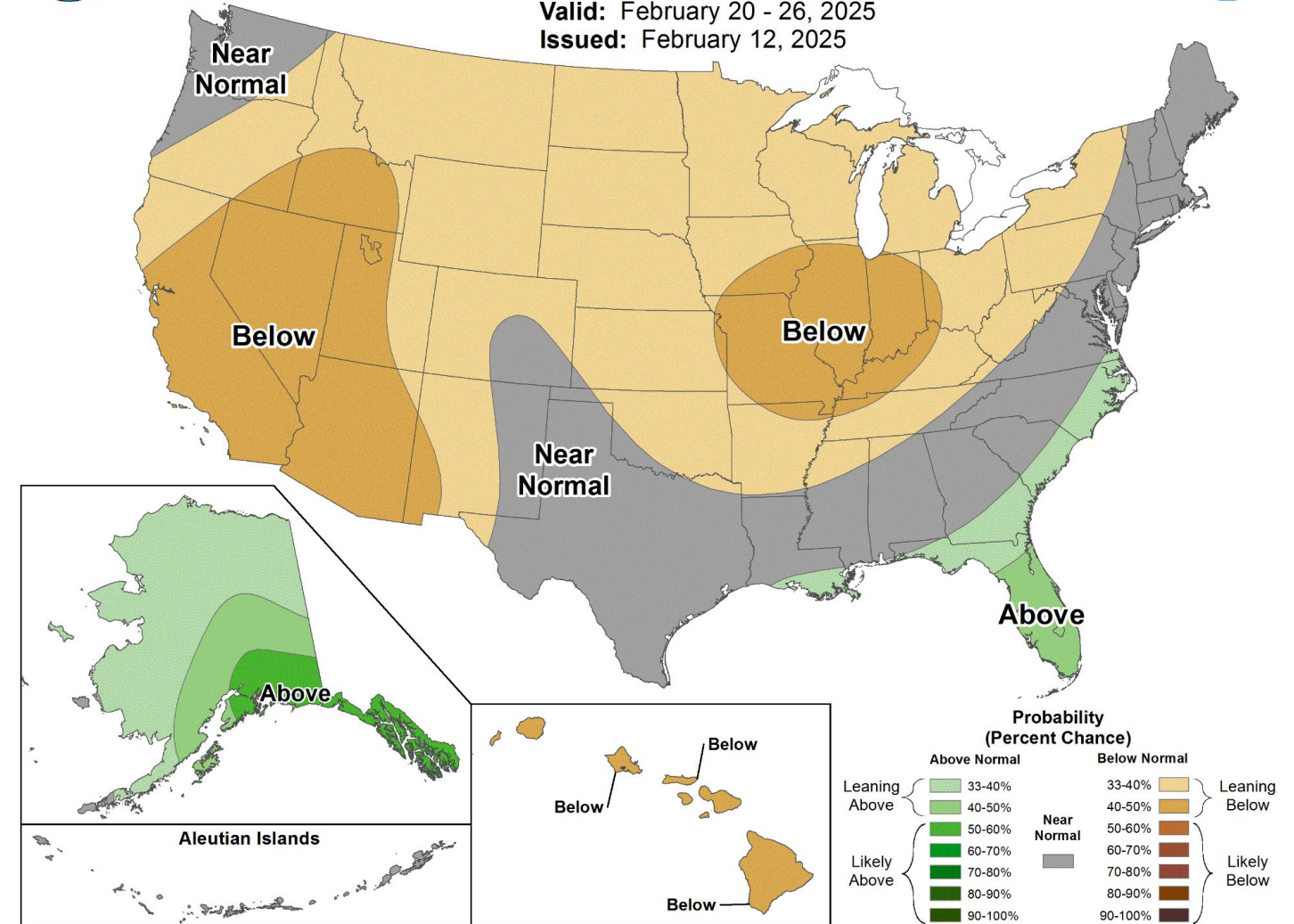
→ Below-normal temperatures are favored for the rest of February.



8-14 Day Precipitation Outlook



Valid: February 20 - 26, 2025
Issued: February 12, 2025





Precipitation Outlook (rest of February)

February 13, 2025
9:00 AM

Key Messages

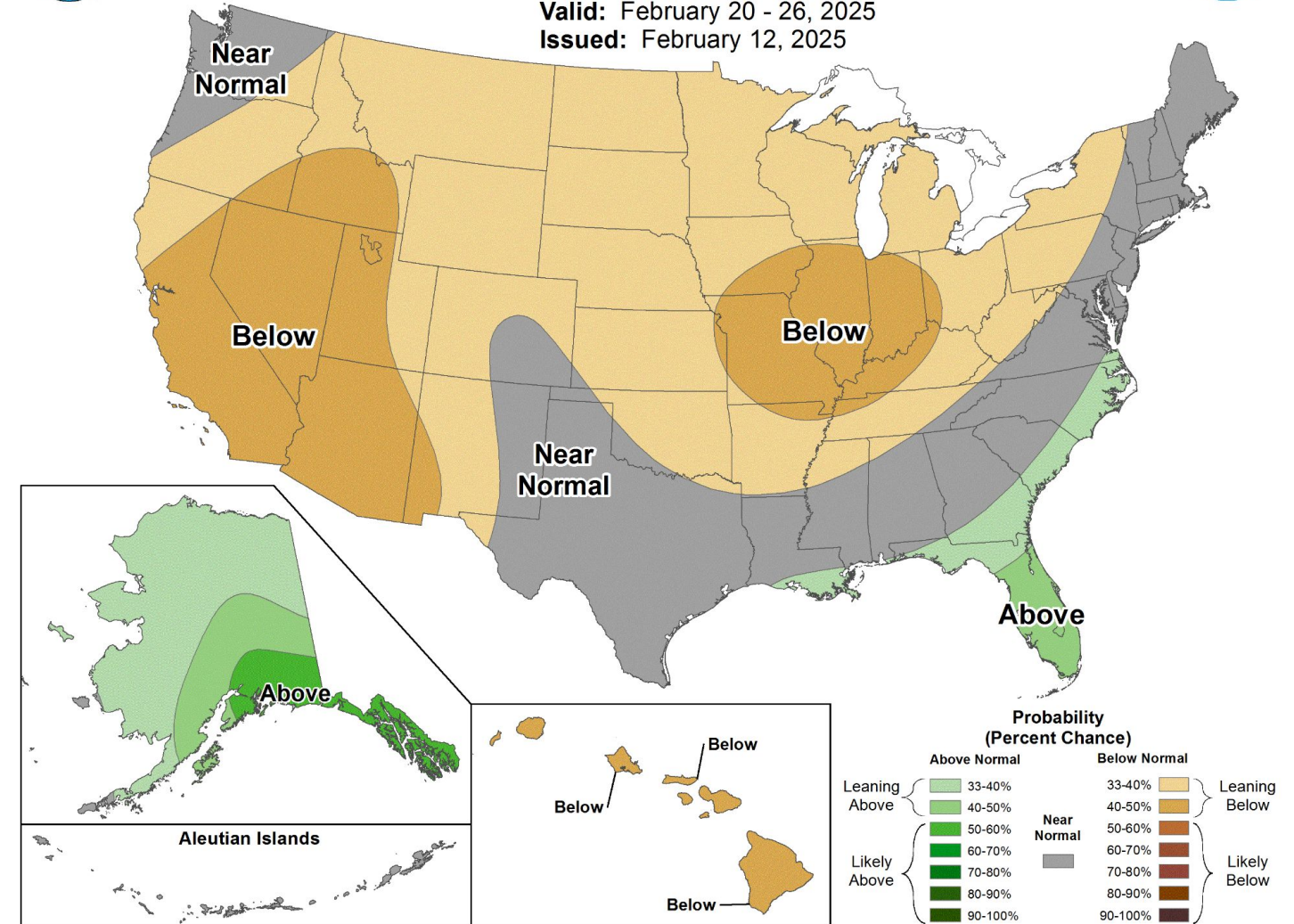
→ Below-normal precipitation is favored for the rest of February.



8-14 Day Precipitation Outlook



Valid: February 20 - 26, 2025
Issued: February 12, 2025





Temperature Outlook (early March)

February 13, 2025
9:00 AM

Key Messages

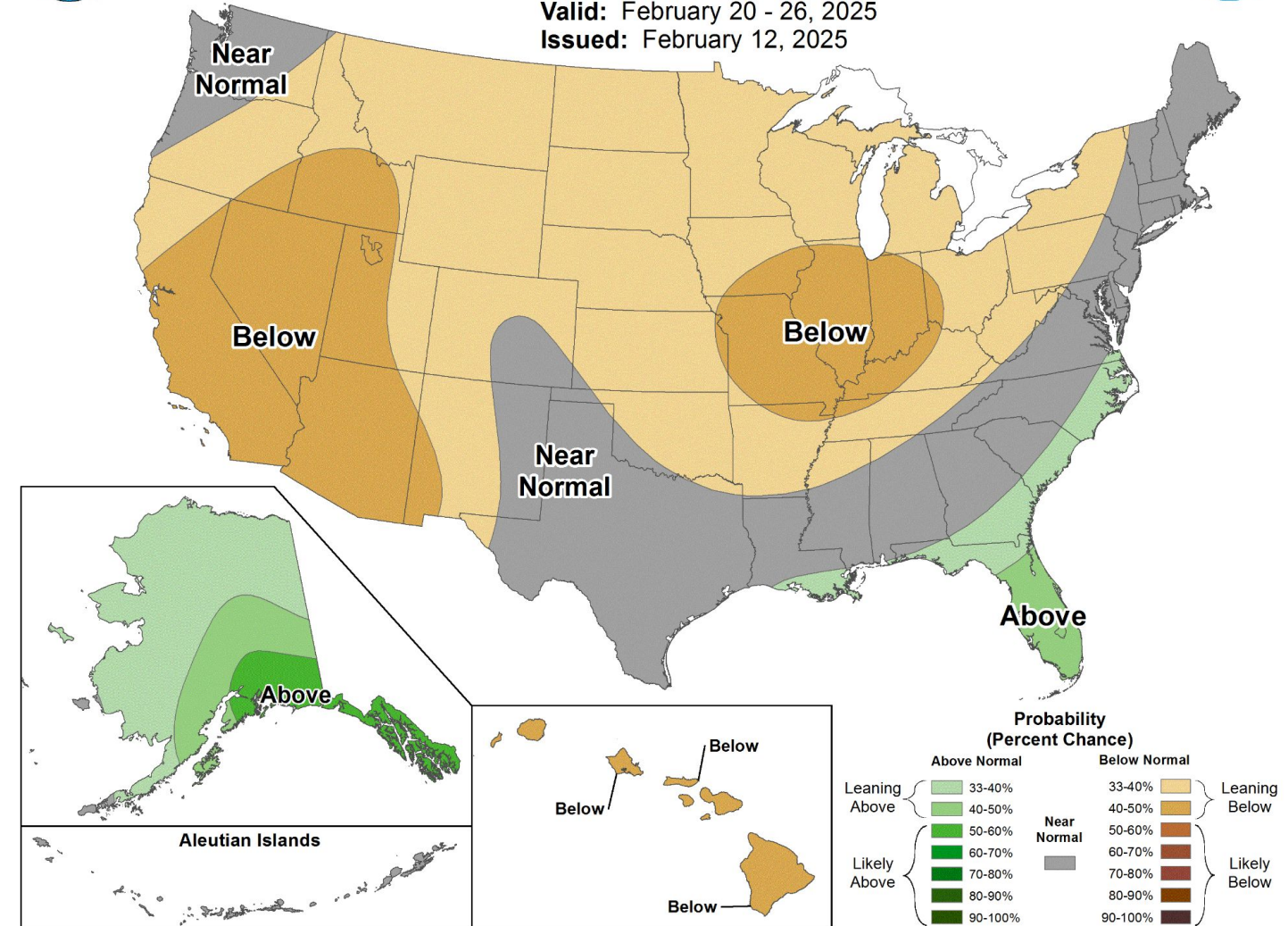
→ Below-normal temperatures are favored for early March.



8-14 Day Precipitation Outlook



Valid: February 20 - 26, 2025
Issued: February 12, 2025





Mountain Snowpack (Missouri River)

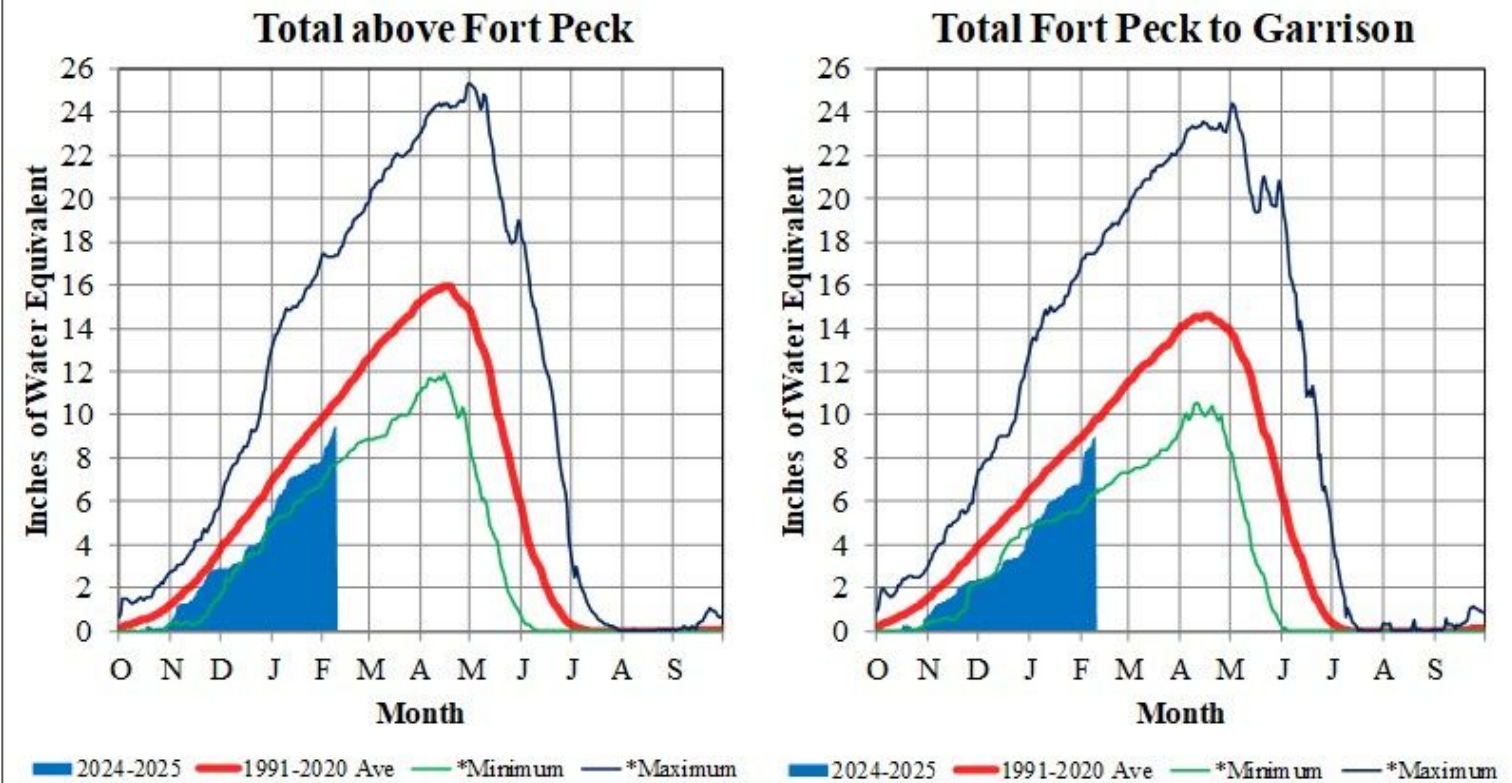
February 13, 2025
9:00 AM

Key Messages

- For this time of year the snowpack in the Missouri River headwaters is near average.
- Above Fort Peck, the water content is around 9.5 inches, average is near 10 inches.
- Between Fort Peck and Garrison, the water content of the snow is 9.0 inches which is just below average.
- The normal peak snowpack date is typically around April 15th.

Missouri River Basin – Mountain Snowpack Water Content 2024-2025 with comparison plots from recent high and low years

9-Feb-2025



On February 9, 2025 the mountain Snow Water Equivalent (SWE) in the "Total above Fort Peck" reach is 9.5" and 89% of the (1991-2020) average. The mountain SWE in the "Fort Peck to Garrison" reach is 9.0" and 92% of the (1991-2020) average. The normal peak for both reaches occurs near April 17.

*Refers to the minimum or maximum SWE in the basin for that day in the historical years 1991-2020.

Provisional data. Subject to revision



Mountain Snowpack (Platte River)

February 13, 2025
9:00 AM

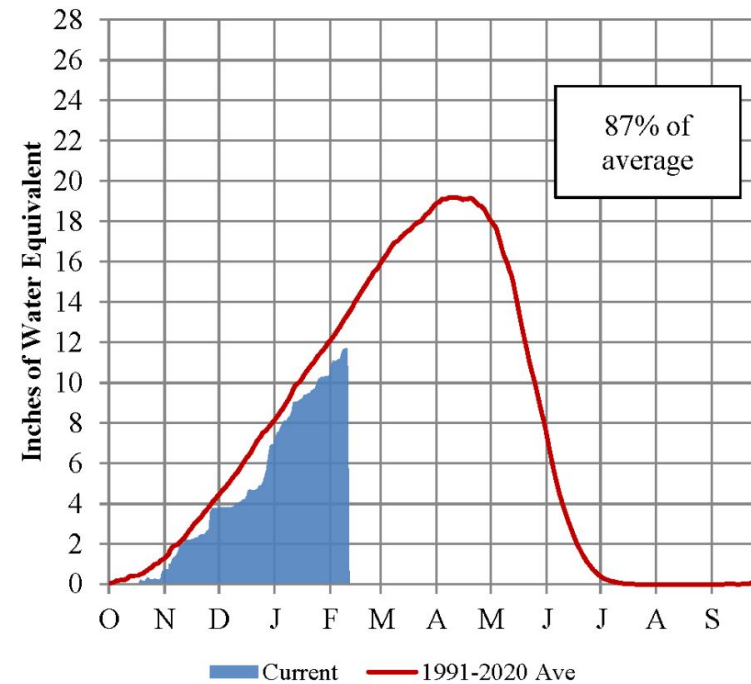
Key Messages

- Snow conditions in the North Platte River headwaters are below average.
- Snow conditions in the South Platte River headwaters are near average.
- In a typical winter, snow accumulates in the Platte River headwaters through mid to late April.

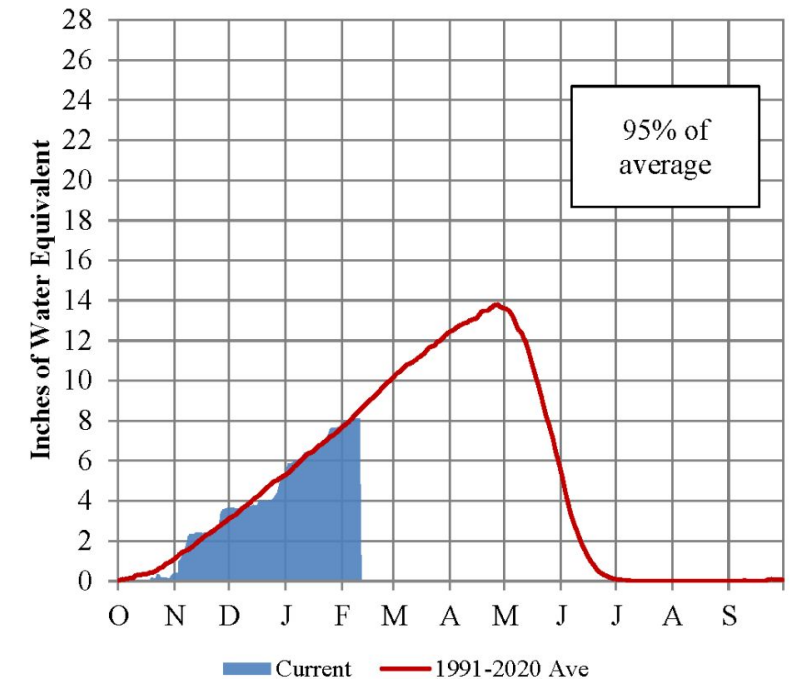
Platte River Basin - Mountain Snowpack Water Content Water Year 2024-2025

February 11, 2025

Total North Platte



Total South Platte



The North and South Platte River Basin mountain snowpacks normally peak near April 10 and the end of April, respectively. As of February 11, 2025, the mountain snowpack SWE in the "Total North Platte" reach is 11.7", 87% of the (1991-2020) average. The mountain snowpack SWE in the "Total South Platte" reach is 8.1", 95% of the (1991-2020) average.

Source: USDA, Natural Resource Conservation Service

Provisional Data. Subject to Revision