



# Drought Information Statement for Western and North Central Nebraska

Valid January, 16, 2025

Issued By: NWS-North Platte, NE

## Contact Information:

- This product will be updated February, 20, 2025 or sooner if drought conditions change significantly.
  - Please see all currently available products at <https://drought.gov/drought-information-statements>.
  - Please visit <https://www.weather.gov/LBF/DroughtInformationStatement> for previous statements.
  - Please visit <https://www.drought.gov/drought-status-updates/> for regional drought status updates.
- 
- Drought has expanded slightly across western and north central Nebraska over the past month.



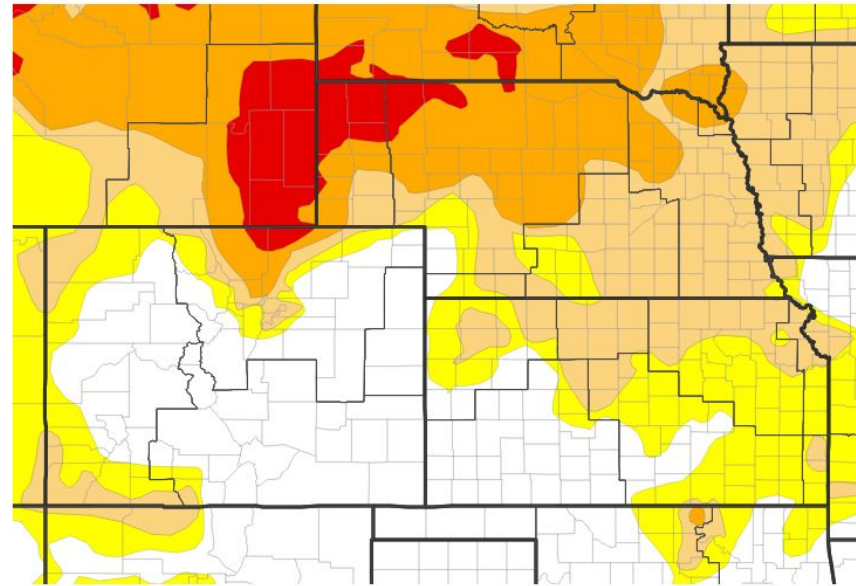


# U.S. Drought Monitor

Link to the [latest U.S. Drought Monitor](#)

- Drought intensity and Extent
  - **D4 (Exceptional Drought)**: No counties in western and north central Nebraska.
  - **D3 (Extreme Drought)**: Northern portions of Sheridan, northwestern Cherry County and around Valentine Nebraska.
  - **D2 (Severe Drought)**: Sheridan, Cherry, Brown, Rock, Keya Paha, Holt, Boyd, Wheeler, Garfield, Loup, Blaine Thomas, Hooker, Grant, Arthur, Mcpherson, Lincoln, Logan and Custer.
  - **D1 (Moderate Drought)**: Garden, Arthur, Deuel, Keith, McPherson, Lincoln, Custer, Frontier and Hayes
  - **D0: (Abnormally Dry)**: Deuel, Arthur, Keith, Hayes, Frontier, Perkins, Chase and Lincoln.

## U.S. Drought Monitor



### U.S. Drought Monitor



Source(s): NDMC, NOAA, USDA; image courtesy of Drought.gov

Data Valid: 01/14/25

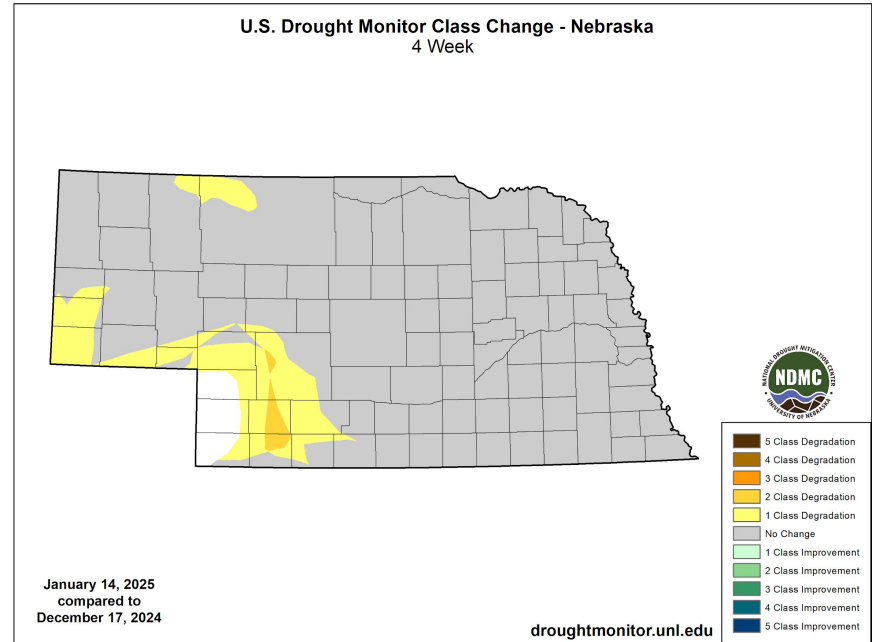




# Recent Change in Drought Intensity

Link to the latest [4-week change map](#) for The High Plains

- Four Week Drought Monitor Class Change.
  - Drought Worsened: Sheridan, Cherry, Deuel, Garden, Keith, Lincoln, McPherson, Perkins, Chase, Hayes and Frontier Counties.
  - No Change: Sheridan, Cherry, Brown, Rock, Keya Paha, Boyd, Holt, Wheeler, Garfield, Loup, Blaine, Thomas, Hooker, Grant, Garden, Arthur, McPherson, Logan, Custer, Deuel, Keith, Lincoln and Frontier Counties.
  - Drought Improved: No areas.

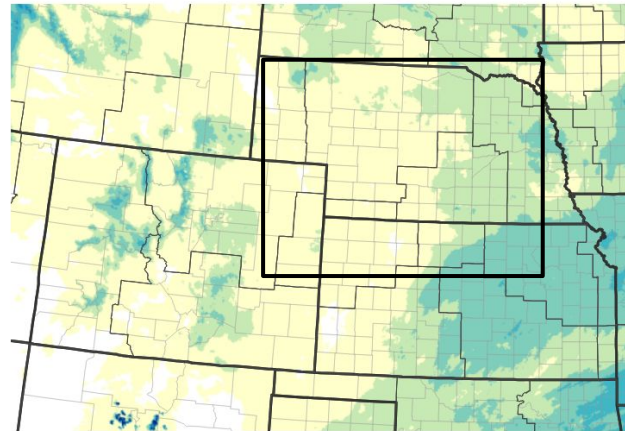




# Precipitation

- Most locations across most of western and north central Nebraska saw less than a tenth of an inch of precipitation over the past 30 days. Slightly higher amounts of precipitation occurred in the Pine Ridge and portions of north central Nebraska.

30-Day Precipitation Accumulations (Inches)

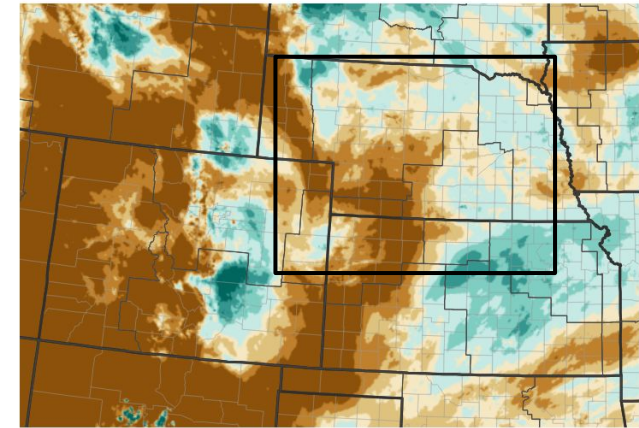


Inches of Precipitation

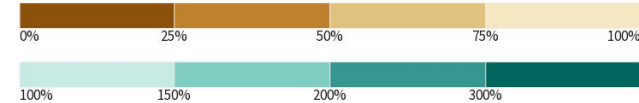


Source(s): National Weather Service Multi-Radar Multi-Sensor System; Last Updated: 01/16/25

30-Day Percent of Normal Precipitation



Percent of Normal Precipitation (%)



Source(s): National Weather Service Multi-Radar Multi-Sensor System; Last Updated: 01/16/25  
image courtesy of Drought.gov

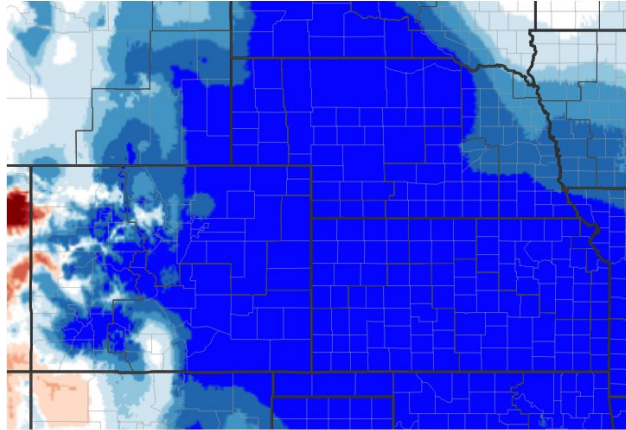




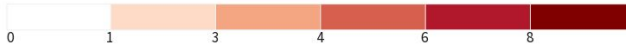
# Temperature

- Over the past week, temperatures have been well below normal across all of western and north central Nebraska.
- Over the past 30 days, above normal temperatures were present over all western and north central Nebraska.

7-Day Temperature Anomaly



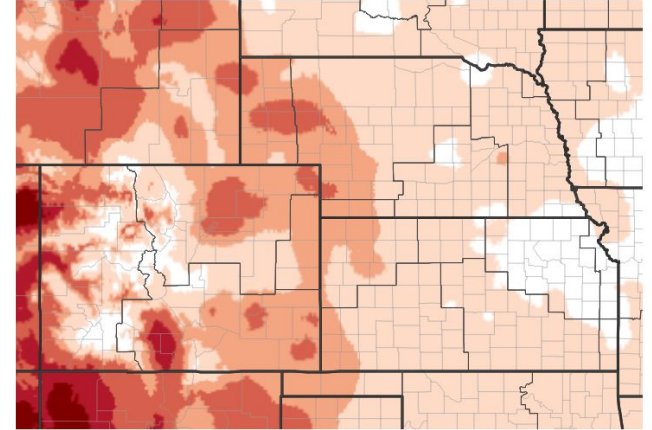
Departure from Normal Max Temperature (°F)



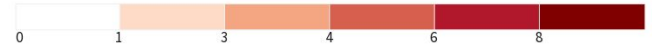
Source(s): NOAA's National Centers for Environmental Information; image courtesy of Drought.gov

Data Valid: 01/12/25

30-Day Temperature Anomaly



Departure from Normal Max Temperature (°F)



Source(s): NOAA's National Centers for Environmental Information; image courtesy of Drought.gov

Data Valid: 01/12/25





# Summary of Impacts

Links: See/submit [Condition Monitoring Observer Reports \(CMOR\)](#) and view the [Drought Impacts Reporter](#)

## Hydrologic Impacts

- “There are no known impacts at this time”

## Agricultural Impacts

- “There are no known impacts at this time”

## Fire Hazard Impacts

- Local fire partners have indicated that fine fuels (grasses) remain cured in western and southwestern Nebraska and will burn given the right wind and humidity conditions.

## Other Impacts

- “There are no known impacts at this time”

## Mitigation Actions

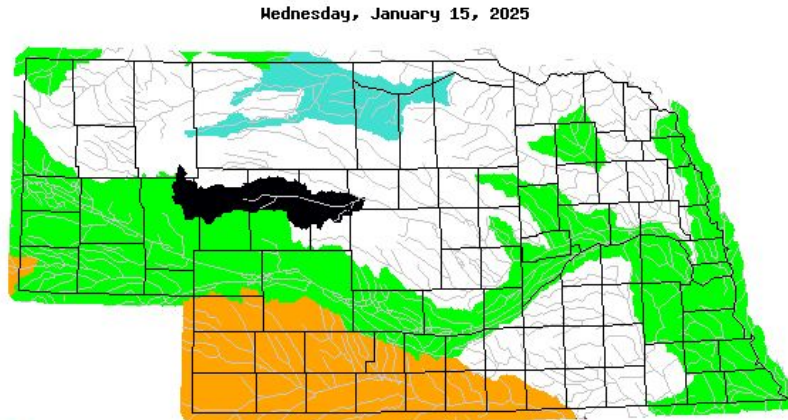
- “None reported”





# Hydrologic Conditions and Impacts

- Streamflow across the northern half of the area was normal to above normal for this time of year and was high in the central Sandhills.
- Flows in the Medicine Creek, Frenchman, North Platte River and Stinking Water Creeks' are below normal for this time of year.



Explanation - Percentile classes							
Low	<10	10-24	25-75	76-90	>90	High	No Data
	Much below normal	Below normal	Normal	Above normal	Much above normal		

Image Caption: USGS 7 day average streamflow HUC map valid 1 15 2025

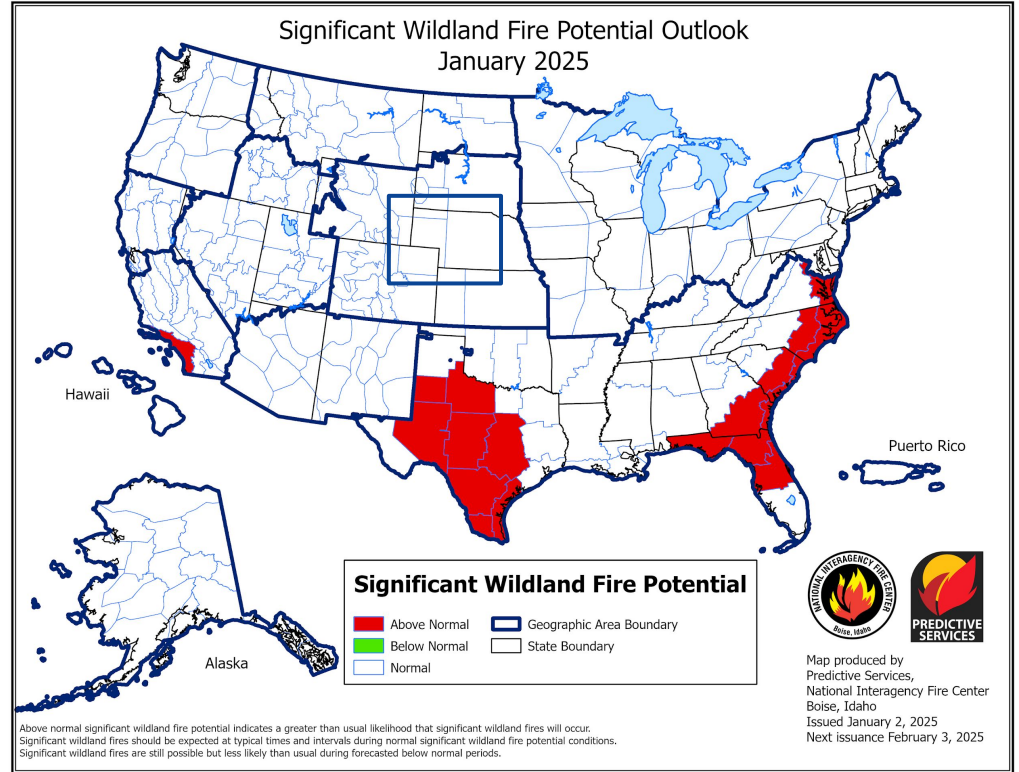




# Fire Hazard Impacts

Link to [Wildfire Potential Outlooks from the National Interagency Coordination Center](#).

- Significant wildland fire potential is near normal for this time of year.
- However, fire partners have indicated that one hour fuels are cured in western and southwestern Nebraska and will burn given favorable wind and humidity conditions.



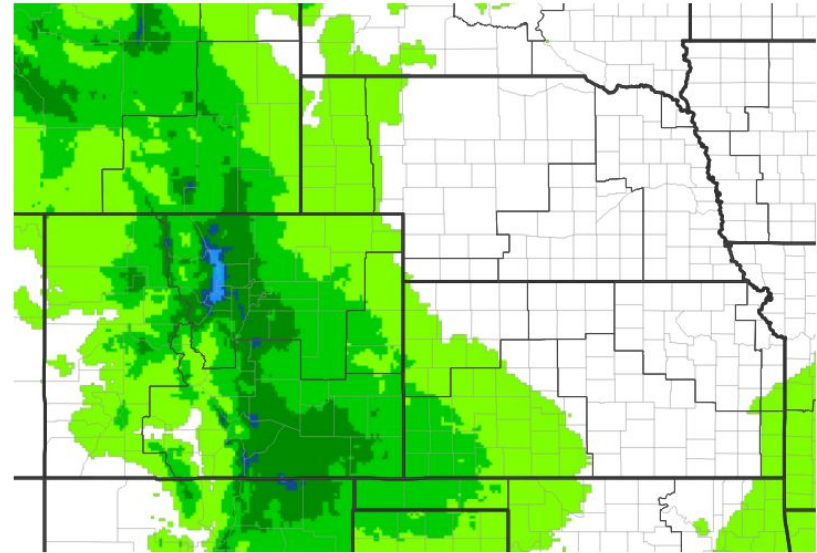




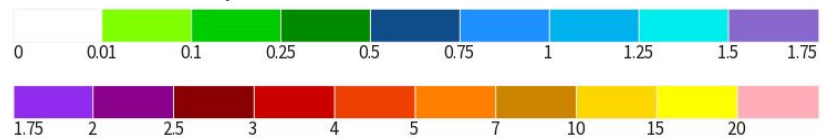
# Seven Day Precipitation Forecast

- The precipitation forecast over the next 7 days calls for near zero precipitation across most of western and north central Nebraska.
- For the eastern Nebraska Panhandle, up to a tenth of an inch is possible over the next 7 days.

7-Day Quantitative Precipitation Forecast for January 16, 2025–January 23, 2025



Predicted Inches of Precipitation



Source(s): National Weather Service Weather Prediction Center; image courtesy of Drought.gov

Last Updated: 01/16/25





# Rapid Onset Drought Outlook

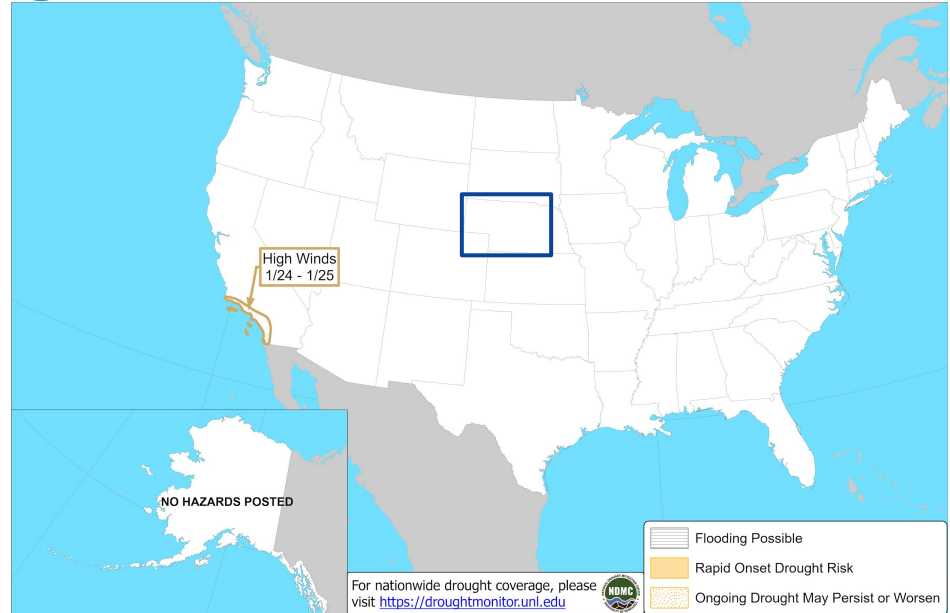
Links to the latest Climate Prediction Center 8 to 14 day [Temperature Outlook](#) and [Precipitation Outlook](#).

- Rapid onset of drought is not anticipated across western and north central Nebraska. Over the next couple of weeks.



## Days 8-14 U.S. Hazards Outlook

Valid: January 24 - 30, 2025



Climate Prediction Center

Released: January 16, 2025 3:00 PM EST

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National Oceanic and Atmospheric Administration

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National Weather Service  
North Platte, NE

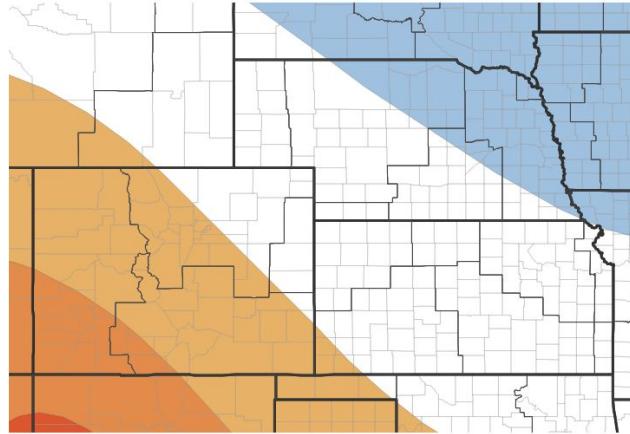


# Long-Range Outlooks

The latest monthly and seasonal outlooks can be found on the [CPC homepage](#)

- The outlook for February calls for equal chances for above, below or near normal temperatures south of a line from Merriman to Taylor. North of this line, below normal temperatures are forecast.
- The precipitation outlook for February calls for equal chances for above, below or near normal precipitation.

Monthly Temperature Outlook for February 1, 2025–February 28, 2025



Probability of Below-Normal Temperatures



Probability of Above-Normal Temperatures



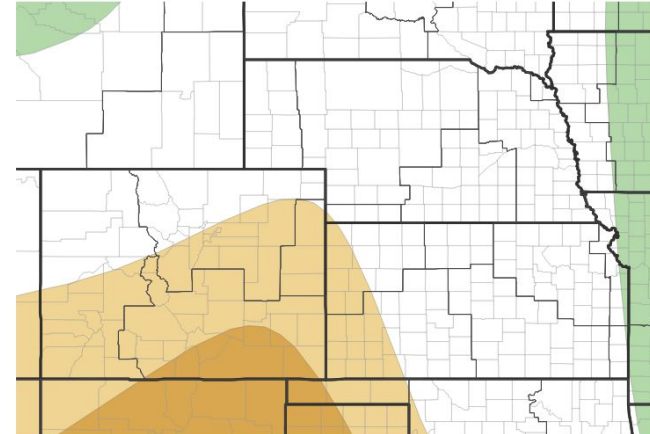
Probability of Near-Normal Temperatures



Source(s): Climate Prediction Center; image courtesy of Drought.gov

Last Updated: 01/16/25

Monthly Precipitation Outlook for February 1, 2025–February 28, 2025



Probability of Below-Normal Precipitation



Probability of Above-Normal Precipitation



Probability of Near-Normal Precipitation

