



# Drought Information Statement for Western and North Central Nebraska

Valid December, 19, 2024

Issued By: NWS-North Platte, NE

## Contact Information:

- This product will be updated January, 16, 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.
- 
- No changes in the severity of drought conditions over western and north central Nebraska over the past month.



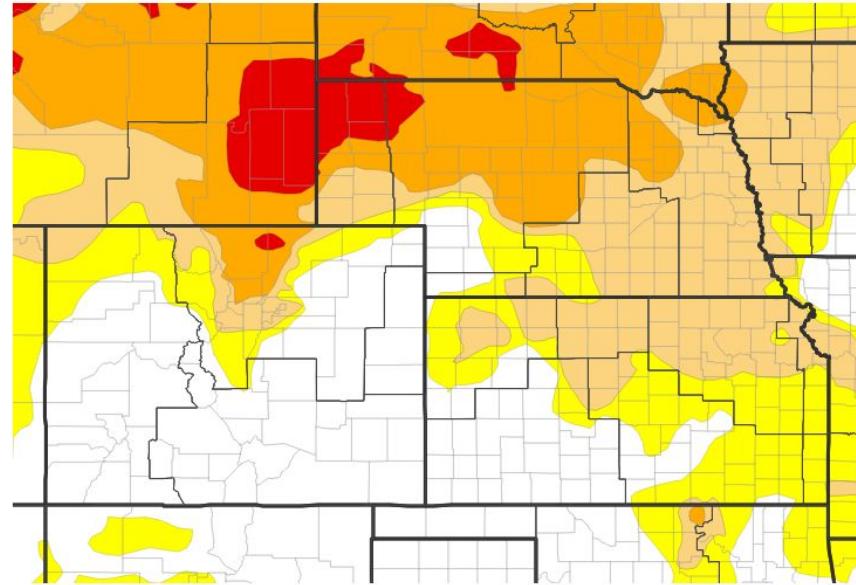


# U.S. Drought Monitor

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 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, McPherson, Lincoln, Custer.
  - **D0: (Abnormally Dry)**: Garden, Deuel, Arthur, Keith, Hayes, Frontier and Lincoln.

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 12/17/24

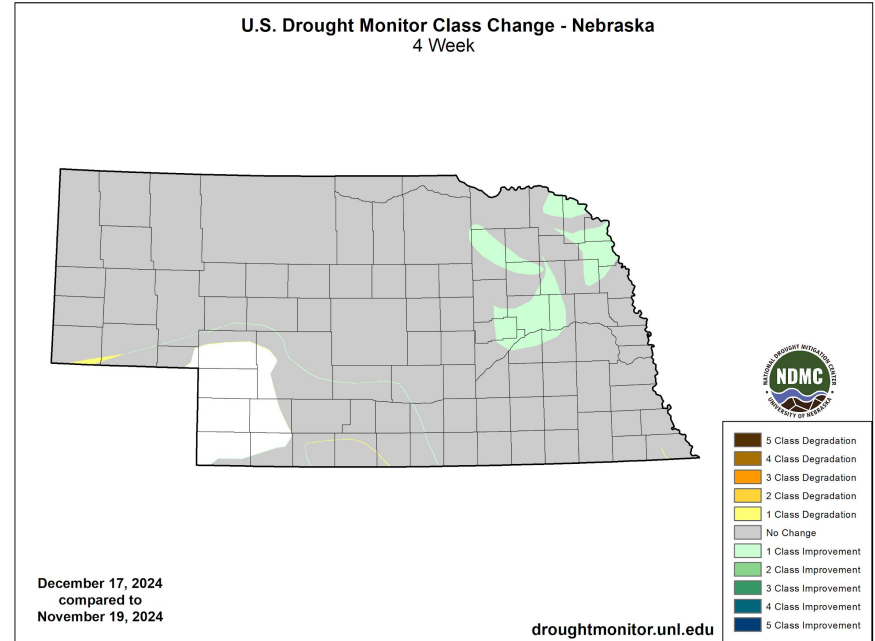




# Recent Change in Drought Intensity

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

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

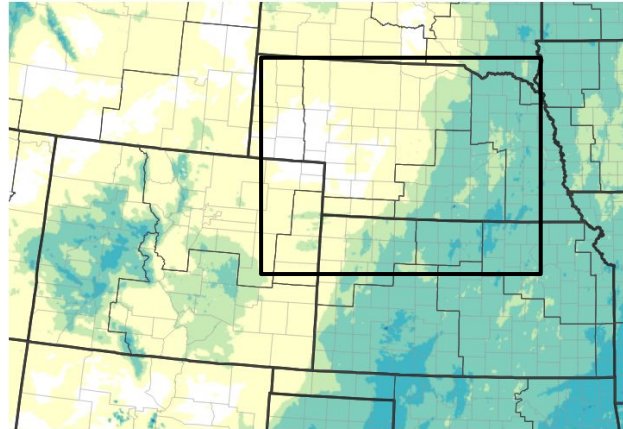




# Precipitation

- Locations across most of western and north central Nebraska saw little to no precipitation over the past 30 days.
- Over eastern Boyd, Holt, Garfield, Wheeler and eastern Loup county, precipitation was around a half an inch for the past month.

30-Day Precipitation Accumulations (Inches)

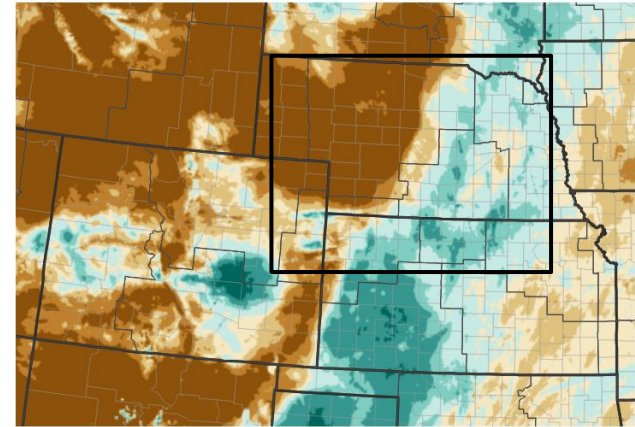


Inches of Precipitation

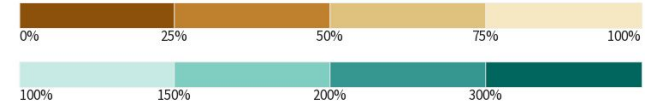


Source(s): National Weather Service Multi-Radar Multi-Sensor System; Last Updated: 12/19/24

30-Day Percent of Normal Precipitation



Percent of Normal Precipitation (%)



Source(s): National Weather Service Multi-Radar Multi-Sensor System; Last Updated: 12/19/24  
image courtesy of Drought.gov

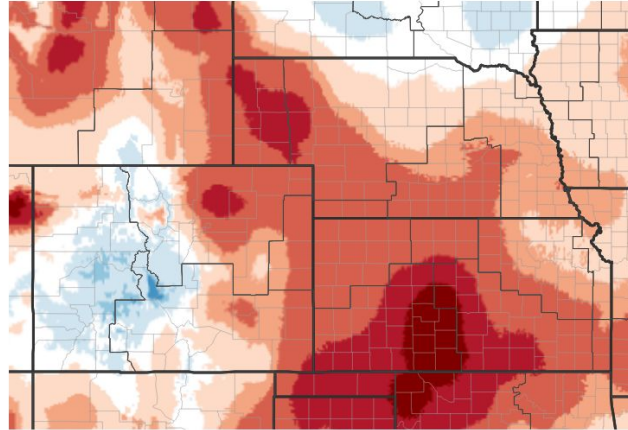




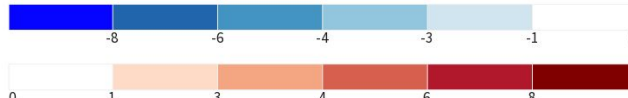
# Temperature

- Over the past week, temperatures have been well above normal across most of western and north central Nebraska. Temps were near normal over far northern Nebraska.
- Over the past 30 days, above normal temperatures were present over all but portions of north central Nebraska.

7-Day Temperature Anomaly



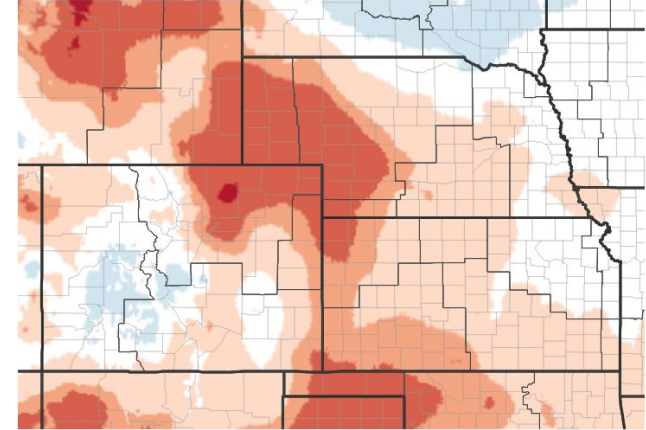
Departure from Normal Max Temperature (°F)



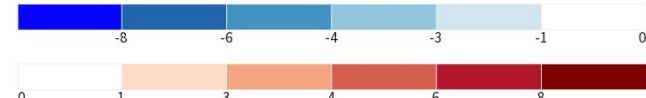
Source(s): NOAA's National Centers for Environmental Information; image courtesy of Drought.gov

Data Valid: 12/15/24

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: 12/15/24





# 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

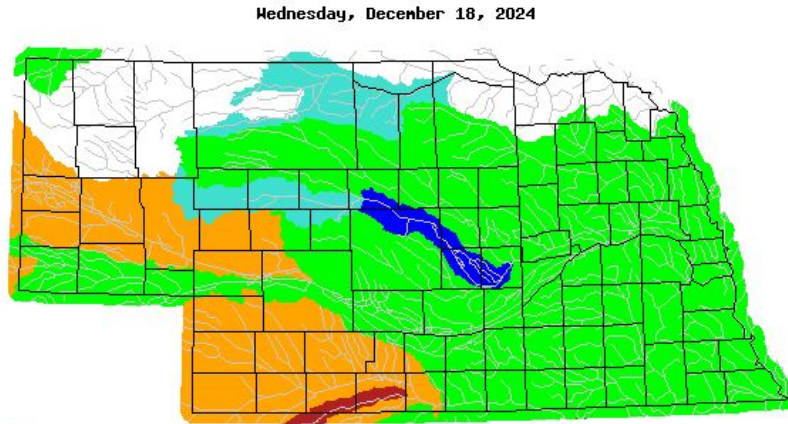
- “None reported”





# Hydrologic Conditions and Impacts

- Streamflow across the northern half of the area was normal to above normal for this time of year.
- 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 12 18 2024

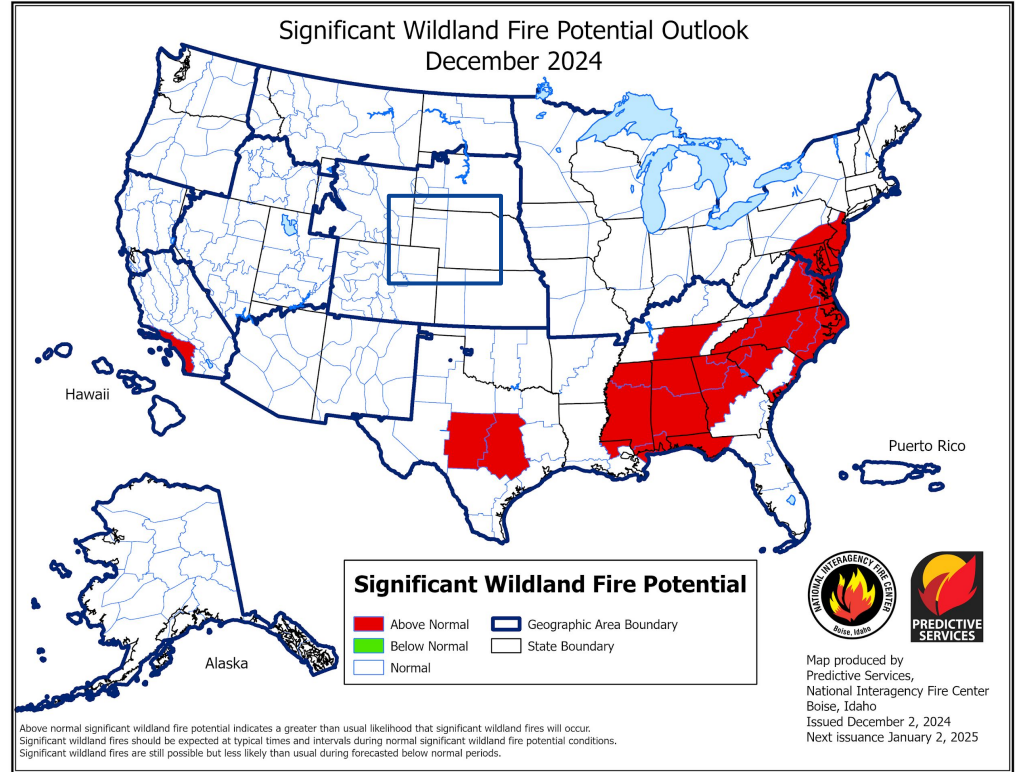




# Fire Hazard Impacts

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.



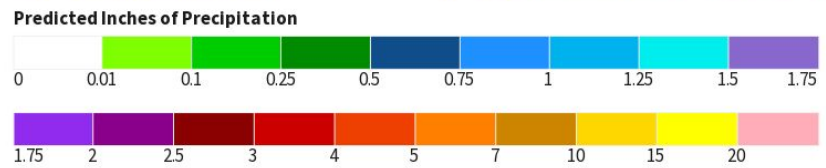
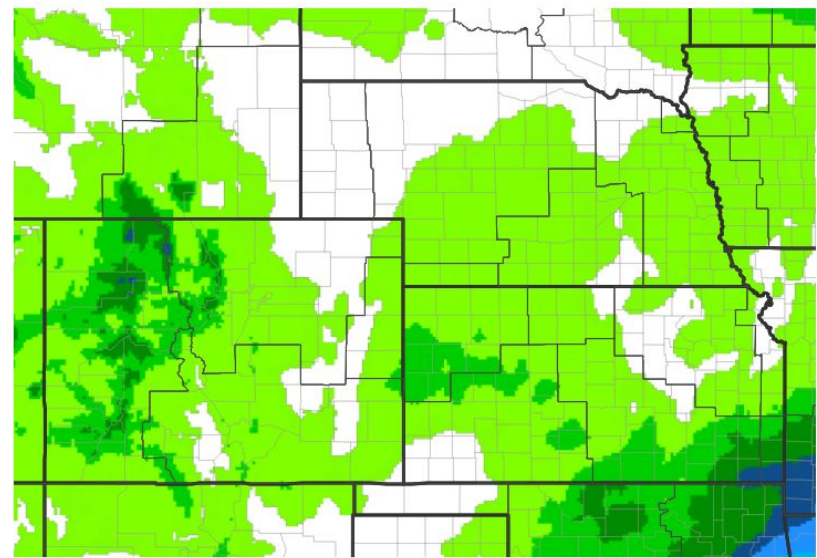




# Seven Day Precipitation Forecast

- The precipitation forecast over the next 7 days calls for near zero precipitation across northwestern Nebraska into far northern Nebraska.
- For the remainder of the forecast area, up to a tenth of an inch is possible over the next 7 days.

**7-Day Quantitative Precipitation Forecast for December 19, 2024–December 26, 2024**



Source(s): National Weather Service Weather Prediction Center; image courtesy of Drought.gov Last Updated: 12/19/24



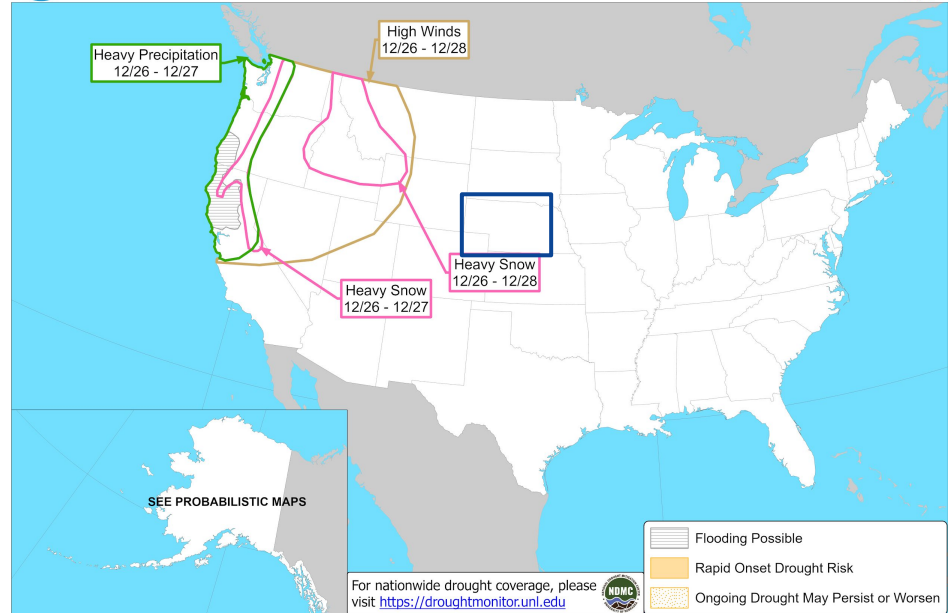
# Rapid Onset Drought Outlook

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: December 26, 2024 - January 1, 2025



Climate Prediction Center

Released: December 18, 2024 3:00 PM EST

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National Oceanic and Atmospheric Administration  
U.S. Department of Commerce

National Weather Service  
North Platte, NE

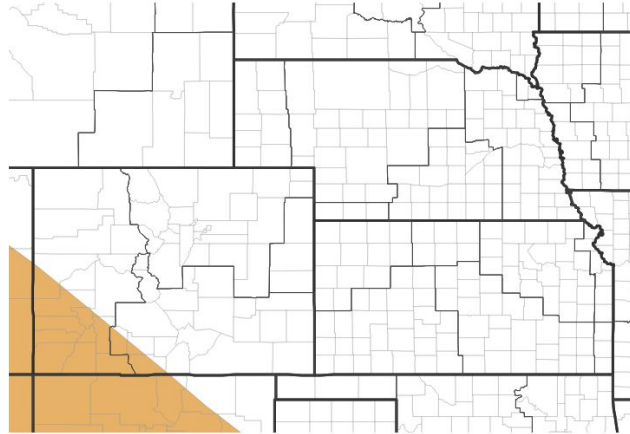


# Long-Range Outlooks

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

- The outlook for January calls for equal chances for above, below or near normal temperatures.
- The precipitation outlook for January calls for above normal precipitation west of a line from Ogallala to Valentine. East of this line there are equal chances for above, below or near normal precipitation.

Monthly Temperature Outlook for January 1, 2025–January 31, 2025



Probability of Below-Normal Temperatures



Probability of Above-Normal Temperatures



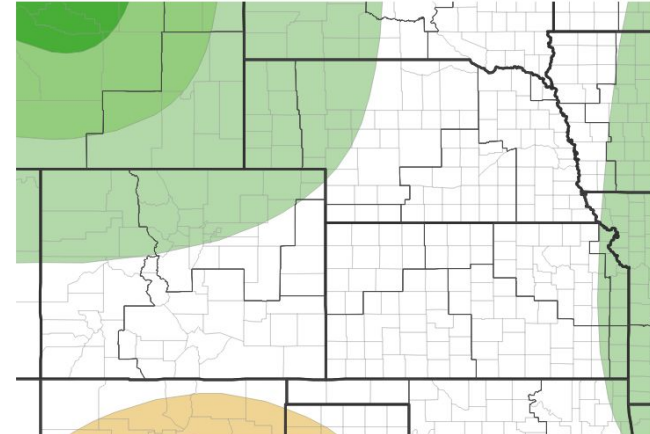
Probability of Near-Normal Temperatures



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

Last Updated: 12/19/24

Monthly Precipitation Outlook for January 1, 2025–January 31, 2025



Probability of Below-Normal Precipitation



Probability of Above-Normal Precipitation



Probability of Near-Normal Precipitation

