



Drought Information Statement for Tri-State Area

Valid February, 02, 2025

Issued By: NWS Goodland, Kansas

Contact Information: nws.goodland@noaa.gov

- This product will be updated by the 5th of each month 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/GLD/DroughtInformationStatement> for previous statements.
 - Please visit <https://www.drought.gov/drought-status-updates> for regional drought status updates.
-
- Drought worsening in Southwest Nebraska; remains same elsewhere.
 - Another dry January; signals favor this continuing.





U.S. Drought Monitor

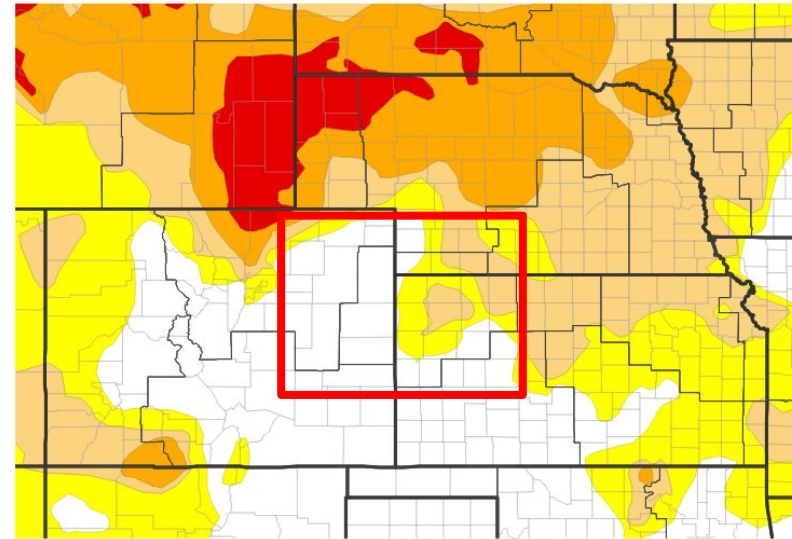
Link to the [latest U.S. Drought Monitor](#) for High Plains

- Drought intensity and Extent

D1 (Moderate Drought): Hitchcock, Red Willow, Norton, Decatur, Rawlins, Thomas, Sheridan, Graham

D0: Dundy, Cheyenne (KS), Sherman, Wallace, Logan, Gove

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 01/28/25

Image Caption: Goodland County Warning Area Drought Monitor. Valid 6am MDT Feb 01, 2025





Recent Change in Drought Intensity

Link to the latest [4-week change map](#) for CONUS

- 4 Week Drought Monitor Class Change.
Drought Worsened: Dundy, Hitchcock, Red Willow

No Change: Cheyenne (KS), Rawlins, Decatur, Norton, Graham, Sheridan, Thomas, Sherman, Wallace, Logan

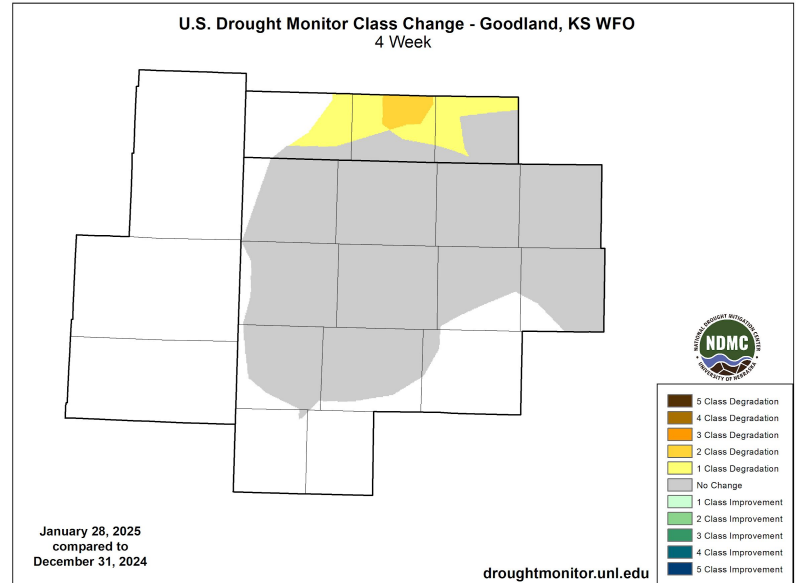


Image Caption: U.S. Drought Monitor 4-week change map valid 6am MDT Feb 01, 2025





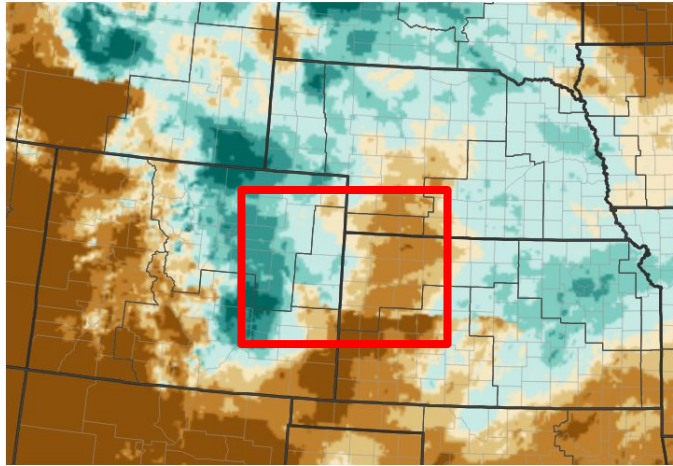
Precipitation

- Overall, a fairly dry January occurred for the portions of the High Plains In Kansas and Nebraska.

- A significant snowstorm at the start of the month set up just east of the Goodland Forecast area keeping that part of the state below normal.

- Several snows across the Colorado Plains led to above normal precipitation across eastern Colorado.

30-Day Precipitation: Percent of PRISM Normal

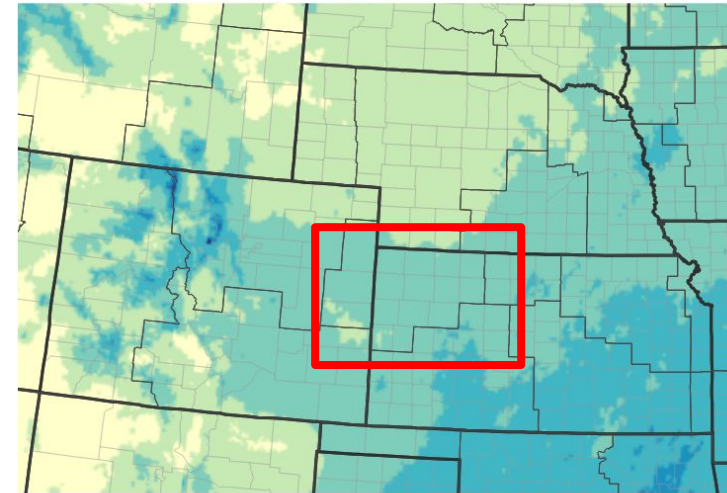


Percent of Normal Precipitation (%)



Source(s): National Weather Service National Water Prediction Service;

Data Valid: 01/30/25



Inches of Precipitation

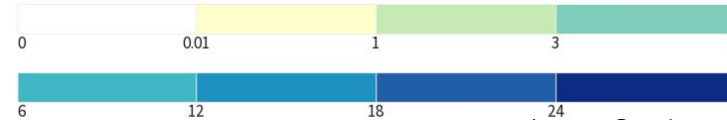


Image Captions:

Right - Monthly Precipitation Amount for Tri-State Area
 Left - Percent of Normal Monthly Precipitation for Tri-State Area
 Data Courtesy of National Water Prediction Center. Date Valid:

Feb 01 2025

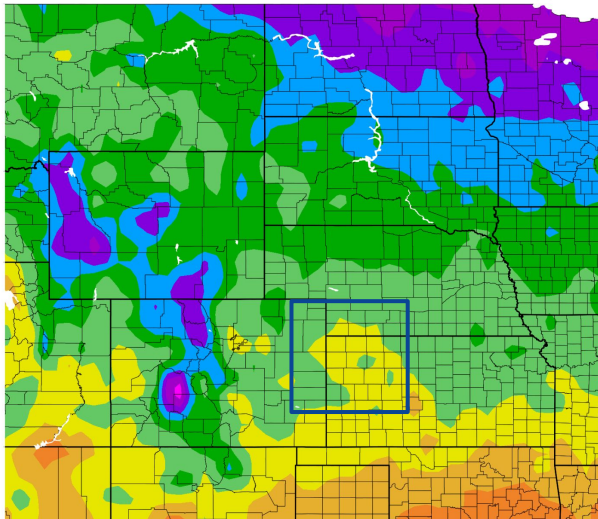




Temperature

- East of the Colorado border in the Goodland forecast area saw near normal temperatures for the month which corresponds to the area that saw the least amount of snowfall.
- These near normal temperatures are also contributed to a warmer end to the month that followed well below normal temperatures during the middle portion of the month.
- Eastern Colorado was below normal due to a snowpack in place for a lot of the month.

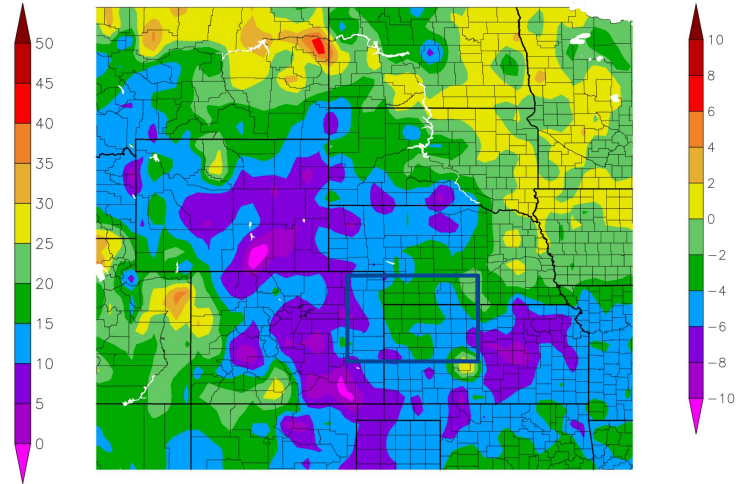
Temperature (F)
1/1/2025 – 1/31/2025



Generated 2/1/2025 at HPRCC using provisional data.

NOAA Regional Climate Centers

Departure from Normal Temperature (F)
1/1/2025 – 1/31/2025



2025 at HPRCC using provisional data.

NOAA Regional Climate Centers

Image Captions:

Right - Monthly Departure From Normal

Left - Month Average Temperatures

Data Courtesy High Plains Regional Climate Center. Date Valid:

Feb 01 2025





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

- USDA Nebraska Crop Progress and Condition Reports can be found [here](#)
- USDA Kansas Crop Progress and Condition Reports can be found [here](#)

Fire Hazard Impacts

- Continued dry conditions for most of the area so far this winter along with the dormant vegetation will continue to pose fire spread potential.

Other Impacts

- There are no known impacts at this time

Mitigation Actions

- Please refer to your municipality and/or water provider for mitigation information.

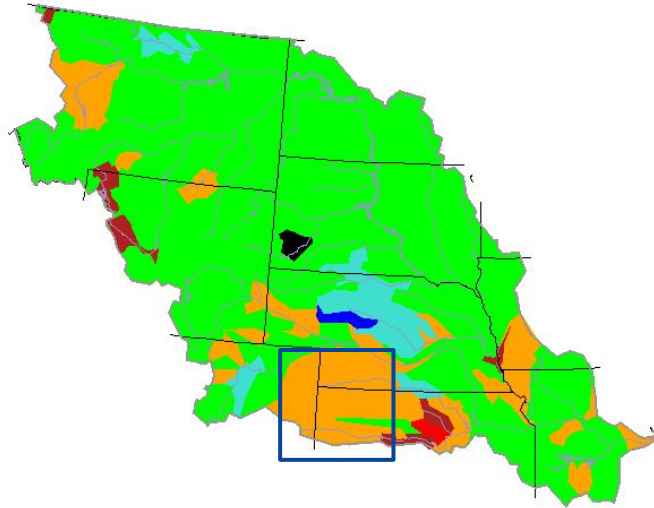




Hydrologic Conditions and Impacts

- No known impacts at this time.
- However a large portion of the region is experiencing below normal streamflow.

Thursday, January 30, 2025



USGS

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 Feb 01 2025





Agricultural Impacts

- Soil moisture remains neutral for most of the area.
- Decreasing soil moisture across the Nebraska Panhandle may become an issue across SW Nebraska and perhaps into Kansas if the drier pattern continues.

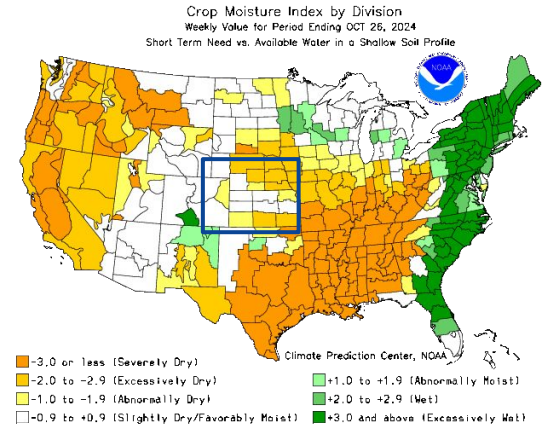
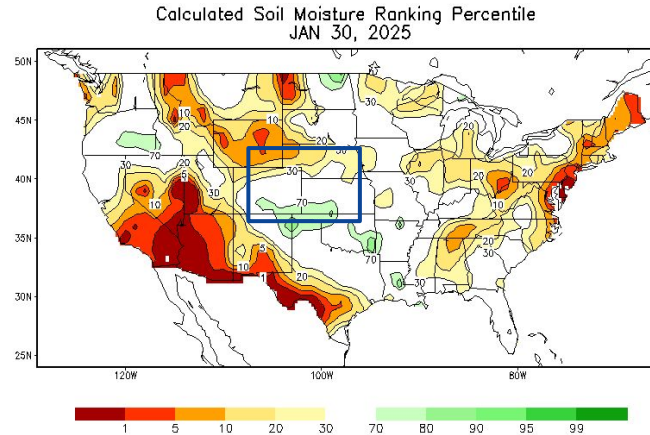


Image Captions:

Left: CPC Calculated [Soil Moisture Ranking Percentile](#) valid Feb 01 2025

Right: [Crop Moisture Index by Division](#). Weekly value for period ending October 26, 2024





Fire Hazard Impacts

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

- No outlook for significant fire wildland fire for the our portion of the High Plains.
- As mentioned earlier due to the dry conditions and dormant vegetation some fire risk will continue to exist until vegetation greens up or a wetter pattern emerges.

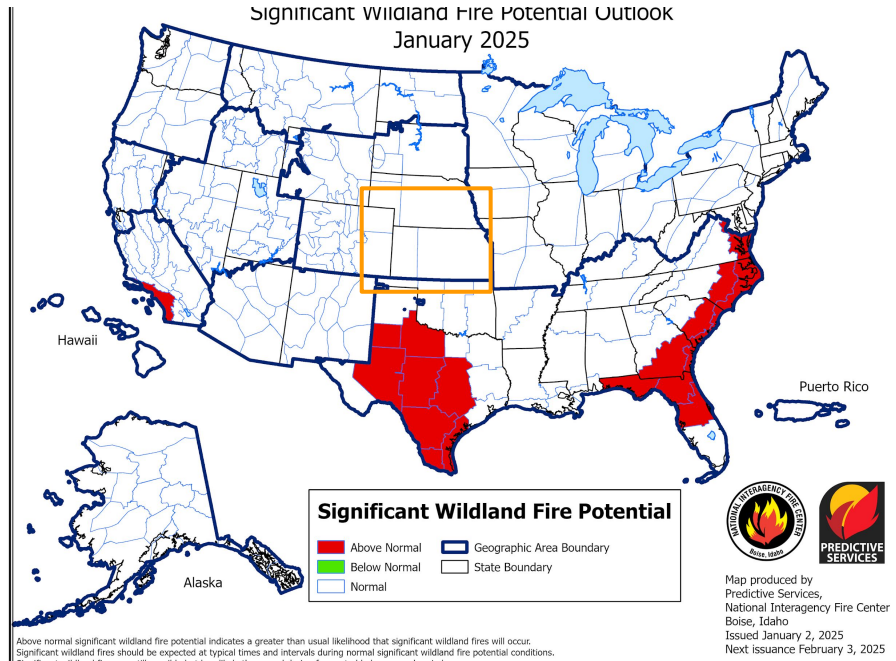


Image Caption: [Significant Wildland Fire Potential Monthly Outlook](#) for February 2025 February 2025





Seven Day Precipitation Forecast

- For at least the next week the overall pattern does continue to look dry.
- A small chance at some light precipitation may be possible towards the end of the first full week of February but currently looks to favor northeast Colorado.

7-Day Quantitative Precipitation Forecast for January 31, 2025-February 7, 2025

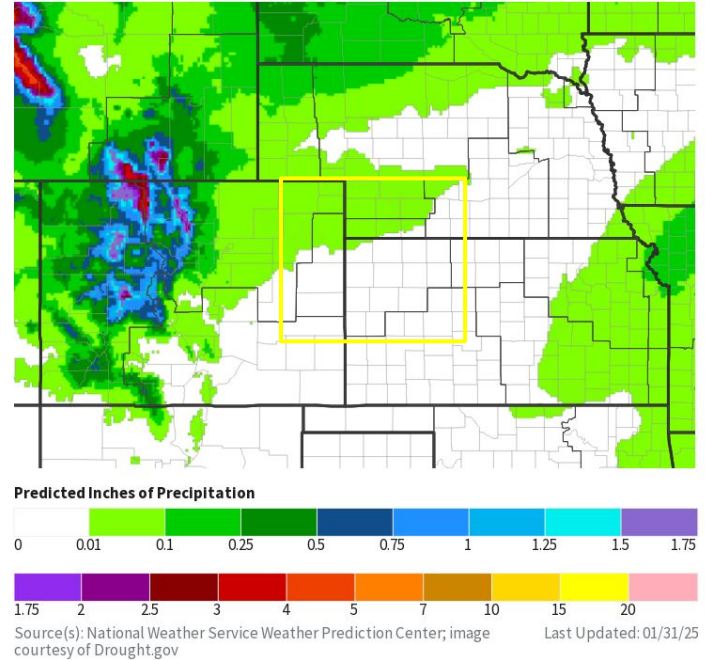


Image Caption: Weather Prediction Center [7-day precipitation forecast](#) valid Monday June 3 to Monday June 10

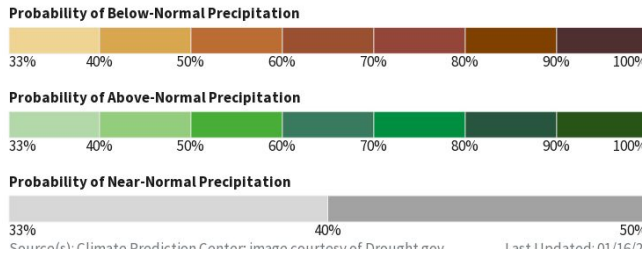
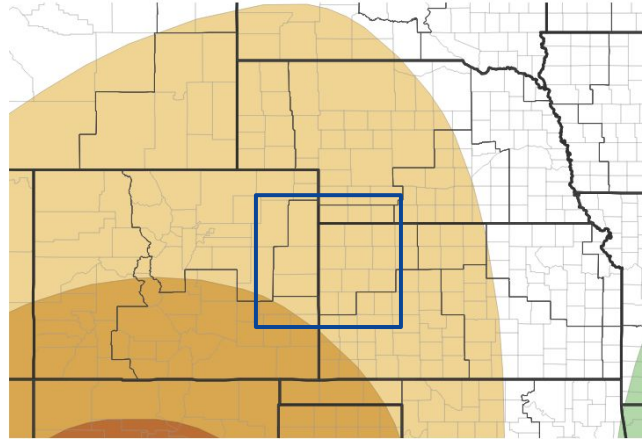


Long-Range Outlooks

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

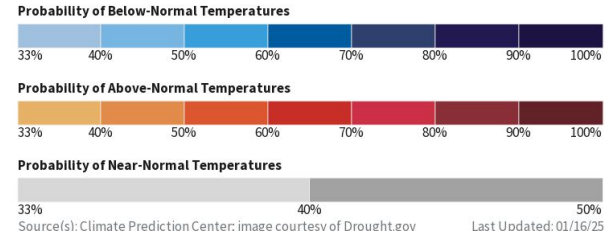
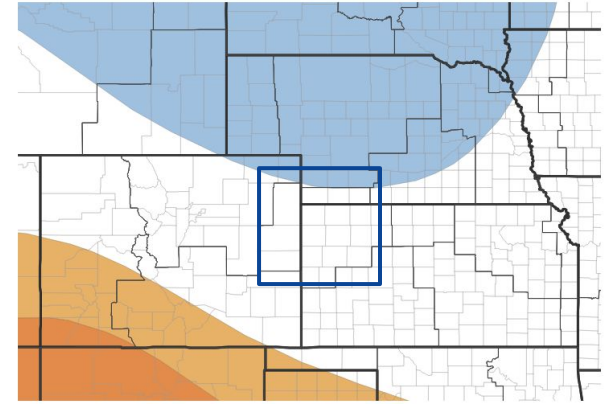
- Through the end of April below normal precipitation is favored.
- The combination of that and the favored below normal temperatures to the north signals that the potential for the northwest flow pattern we have been in for the majority of the winter so far.

Seasonal (3-Month) Precipitation Outlook for February 1, 2025–April 30, 2025



Source(s): Climate Prediction Center; image courtesy of Drought.gov Last Updated: 01/16/25

Seasonal (3-Month) Temperature Outlook for February 1, 2025–April 30, 2025



Source(s): Climate Prediction Center; image courtesy of Drought.gov Last Updated: 01/16/25

Image Captions:

Left - [Climate Prediction Center Monthly Temperature Outlook, 2025–April 30, 2025](#)
 Right - [Climate Prediction Center Monthly Precipitation Outlook, Valid February 2025](#)



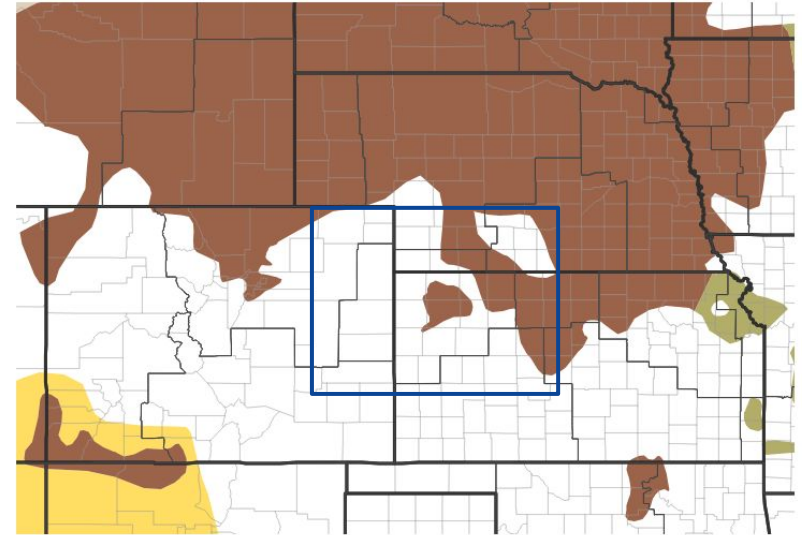


Drought Outlook

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

- Due to the signal through the end of April on the previous slide no improvement or end to the drought is currently forecast.
- Will be interesting to see how the drought is forecast to develop to the southwest of the area, as drought in that area sometimes plays a role in how wet it may be across the region.

Seasonal (3-Month) Drought Outlook for January 16, 2025–April 30, 2025



Drought Is Predicted To...



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

Last Updated: 01/16/25

Image Caption:

Climate Prediction Center Monthly Drought Outlook Released **May 31, 2024**

Valid: **February 2025 February 2025**
2025

Links to the latest:

[Climate Prediction Center Monthly Drought Outlook](#)

[Climate Prediction Center Seasonal Drought Outlook](#)





Contact Information

For feedback, comments, questions specific to the Drought Information Statement please reach out to:

nws.goodland@noaa.gov

