



Drought Information Statement for Tri-State Area

Valid March, 05, 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 continues across the eastern half of the Tri-State Area.
- There are still opportunities for additional precipitation before the end of March.





U.S. Drought Monitor

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

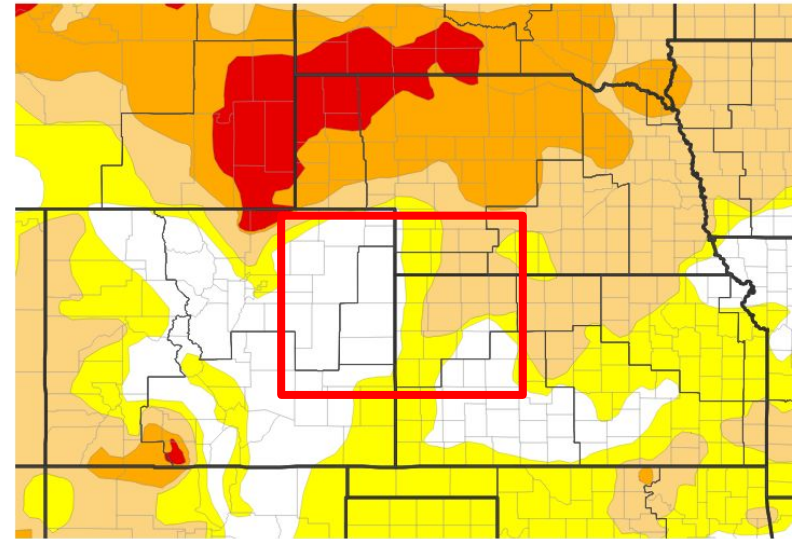
- Drought intensity and Extent

D1 (Moderate Drought): Cheyenne (KS), Kit Carson, Sherman, Thomas, Cheyenne (CO), Wallace, Logan, Greeley, Wichita

D0: Yuma, Dundy, Rawlins, Graham, Sheridan, Gove

This does not include any precipitation improvements for the week of March 2nd; please see last slide for estimated rainfall amounts from the past week

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 02/25/25

Image Caption: Goodland County Warning Area Drought Monitor. Valid 6am MDT Mar 04, 2025





Recent Change in Drought Intensity

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

- 4 Week Drought Monitor Class Change.
 - Drought Worsened: many counties in NW Kansas and SW Nebraska.
 - No Change: many counties in NW Kansas and SW Nebraska
 - Drought Improved: Western portions of Cheyenne (KS), Sherman, and Wallace counties

This does not include any rainfall improvements for the week of March 2nd

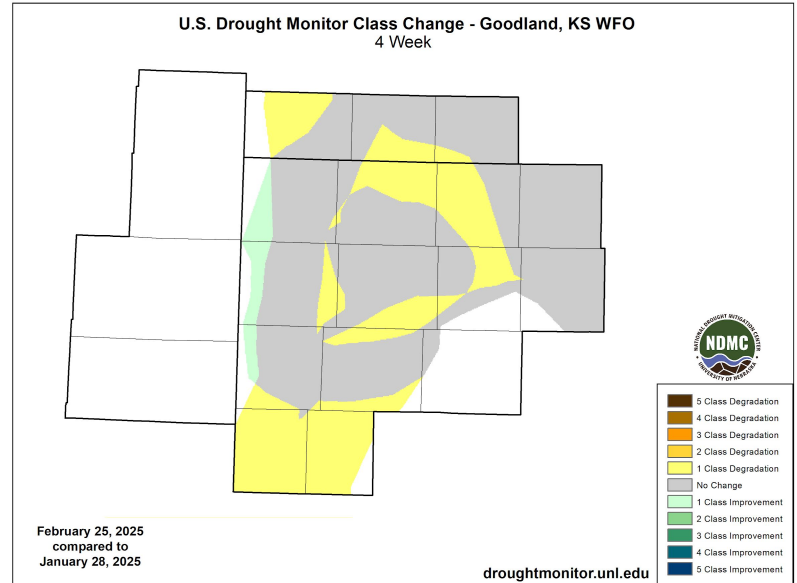


Image Caption: U.S. Drought Monitor 4-week change map valid 6am MDT Mar 04, 2025

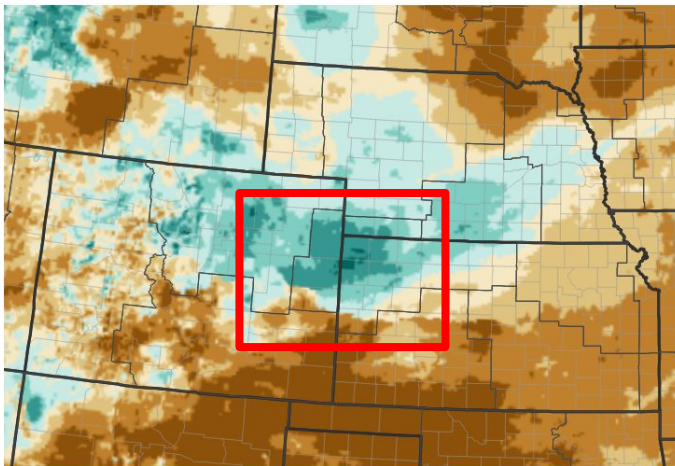




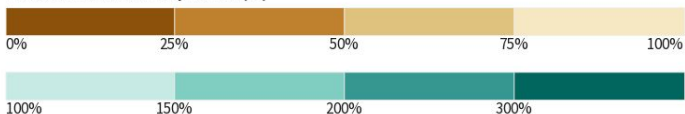
Precipitation

- Most of the Tri-State Area has benefited from precipitation over the last month.
- However, this is still not enough to prevent the drought area to increase.

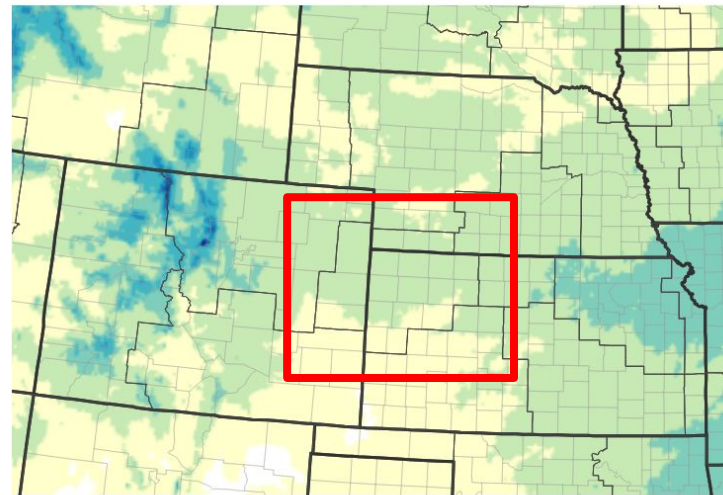
30-Day Precipitation: Percent of PRISM Normal



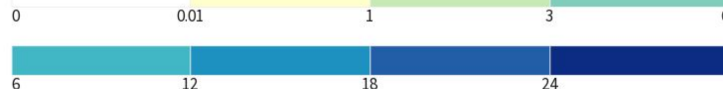
Percent of Normal Precipitation (%)



Source(s): National Weather Service National Water Prediction Service; Data Valid: 03/03/25



Inches of Precipitation



Source(s): National Weather Service National Water Prediction Service; Data Valid: 03/03/25

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:

Mar 04 2025

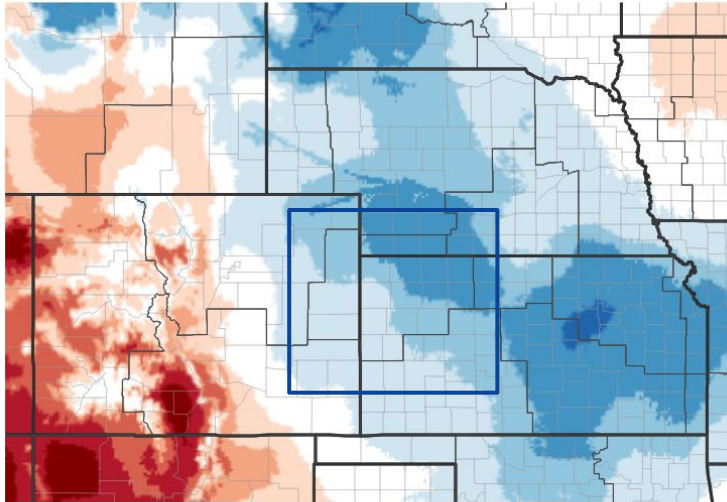




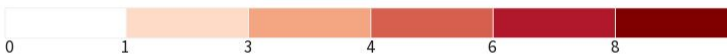
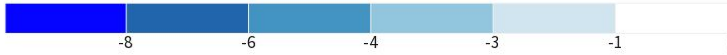
Temperature

- The extreme cold in February lowered the average temperature for the month, even though the month ended abnormally warm.

30-Day Temperature Anomaly



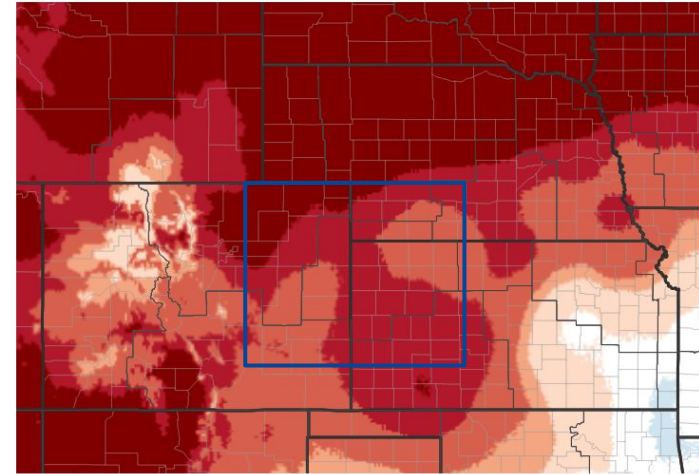
Departure from Normal Max Temperature (°F)



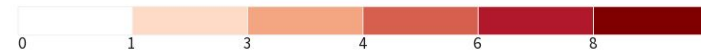
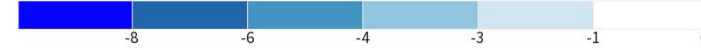
Source(s): NOAA's National Centers for Environmental Information; image courtesy of Drought.gov

Data Valid: 02/28/25

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: 02/28/25

Image Captions:

Right - 7 Day Temperature Anomaly

Left - 30 Day Temperature Anomaly

Data Courtesy High Plains Regional Climate Center. Date Valid:

Mar 04 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

- Despite some snow over the Tri-State Area last month the area of moderate drought conditions expanded in coverage, primarily over NW Kansas.

Other Impacts

- There are no known impacts at this time

Mitigation Actions

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





Agricultural Impacts

- Soil moisture remains dry for most of the area; however with the recent precipitation, some of the Tri-State Area could see this improving.

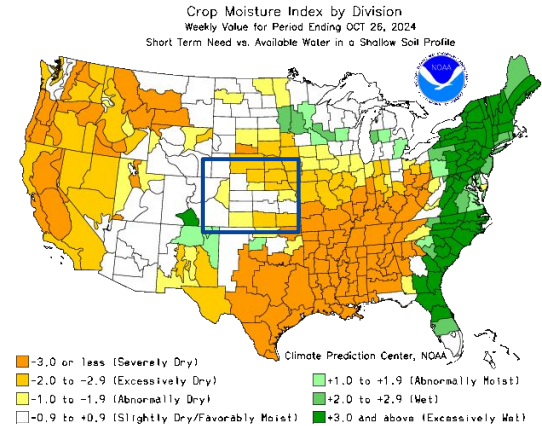
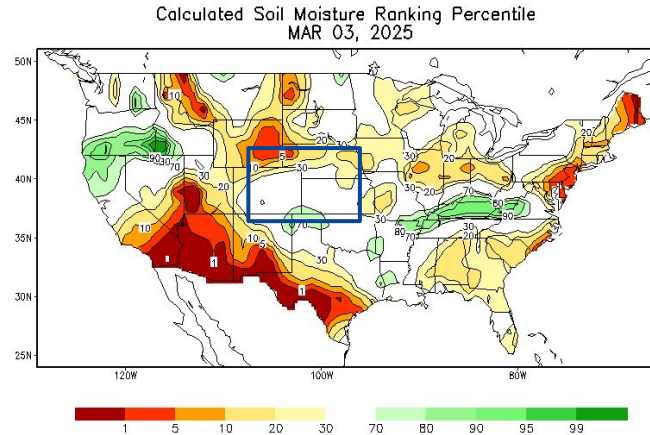


Image Captions:

Left: CPC Calculated [Soil Moisture Ranking Percentile](#) valid Mar 04 2025

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





Fire Hazard Impacts

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

- No concern for significant wildland fire potential at this time.
- However some fire potential may still be present once temperatures warm.

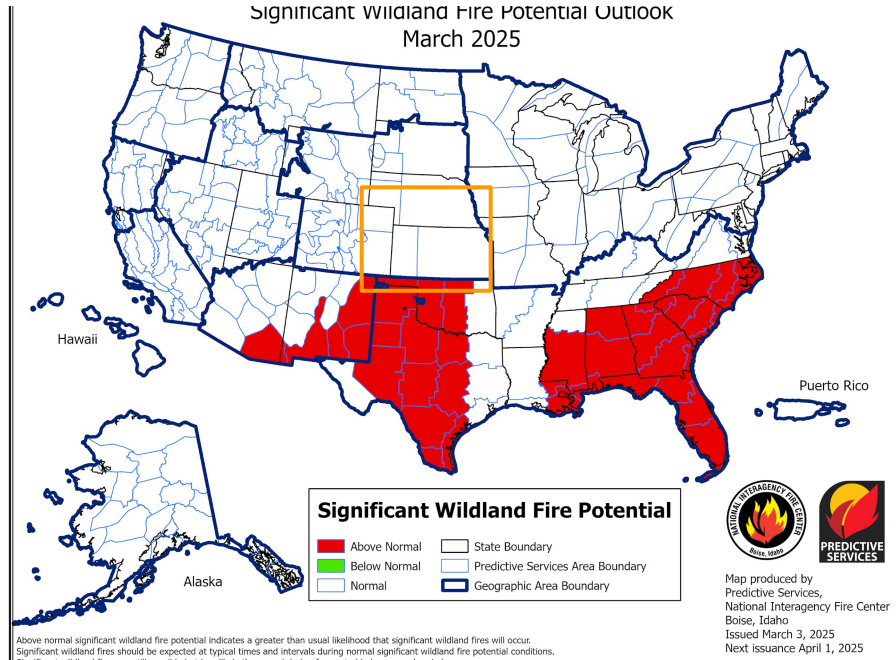


Image Caption: [Significant Wildland Fire Potential Monthly Outlook](#) for March 2025

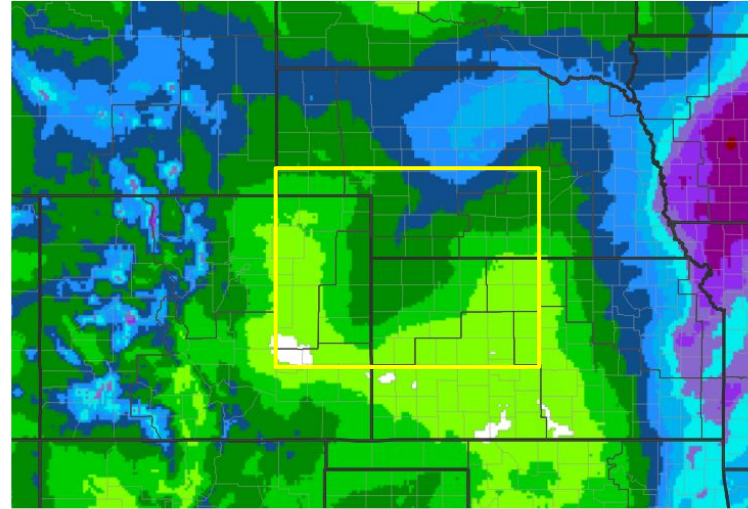




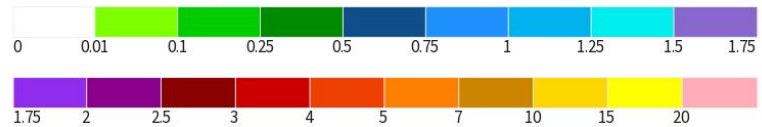
Seven Day Precipitation Forecast

- The majority of the current forecasted rainfall for the area is for the first half of the week.
- There are a couple more opportunities for precipitation after this week.

7-Day Quantitative Precipitation Forecast for March 3, 2025–March 10, 2025



Predicted Inches of Precipitation



Source(s): National Weather Service Weather Prediction Center; image courtesy of Drought.gov Last Updated: 03/04/25

Image Caption: Weather Prediction Center [7-day precipitation forecast](#) valid March 3rd



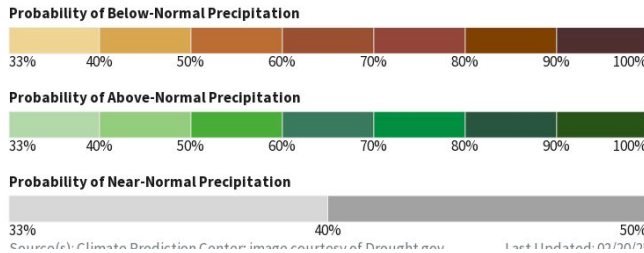
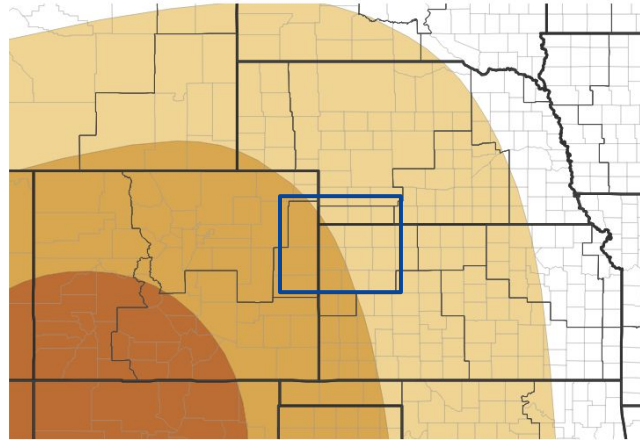


Long-Range Outlooks

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

- Drier weather begins moving in during the last week of March due to the storm track moving more north of the Tri-State Area. This continues for April and May.
- As the storm track moves further north, warmer air will approach from the southwest.

Seasonal (3-Month) Precipitation Outlook for March 1, 2025-May 31, 2025



Seasonal (3-Month) Temperature Outlook for March 1, 2025-May 31, 2025

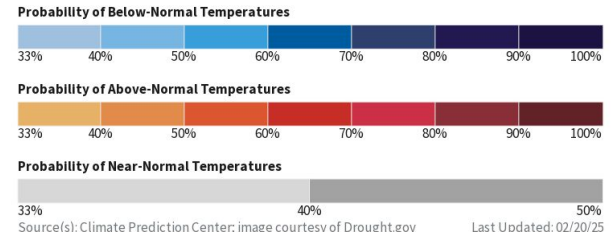
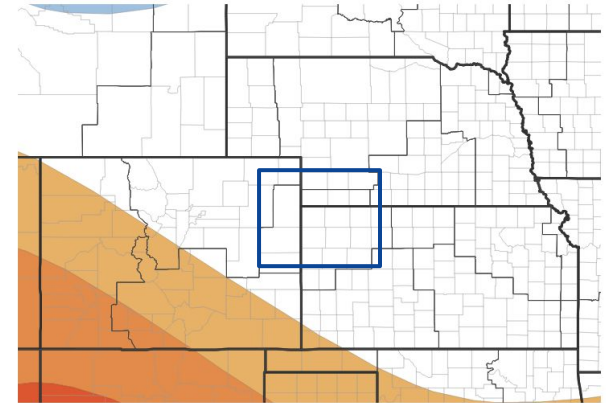


Image Captions:

- Left - [Climate Prediction Center Monthly Temperature Outlook, Valid March 2025](#)
- Right - [Climate Prediction Center Monthly Precipitation Outlook, Valid March 2025](#)



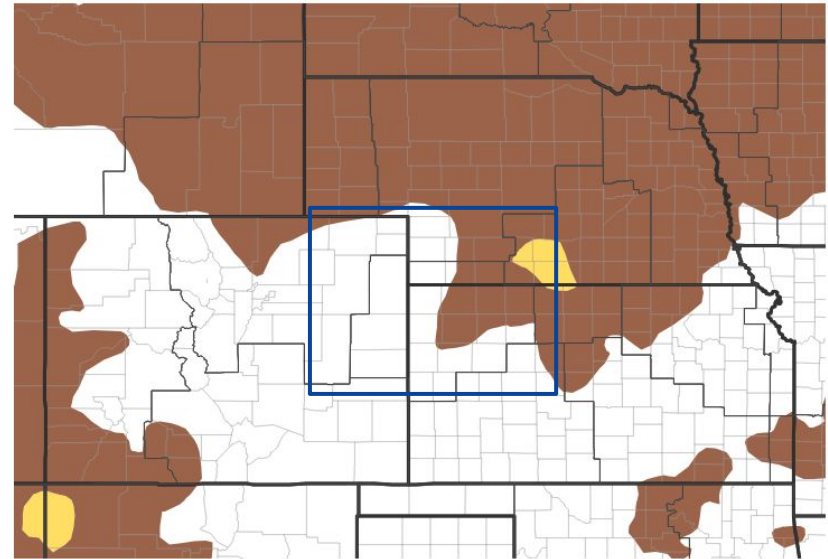


Drought Outlook

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

- The eastern part of the Tri-State Area has not received as much precipitation as the west, so the drought is forecast to continue there.
- This may improve before the end of the month.
- After March, there will be less opportunities for widespread precipitation.

1-Month Drought Outlook for March 1, 2025–March 31, 2025



Drought Is Predicted To...



Image Caption:

Climate Prediction Center Monthly Drought Outlook Released **February 28th, 2025**

Valid: **March 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

