



Drought Information Statement for Tri-State Area

Valid May, 04, 2024

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 CONDITIONS WORSEN FOR MOST





U.S. Drought Monitor

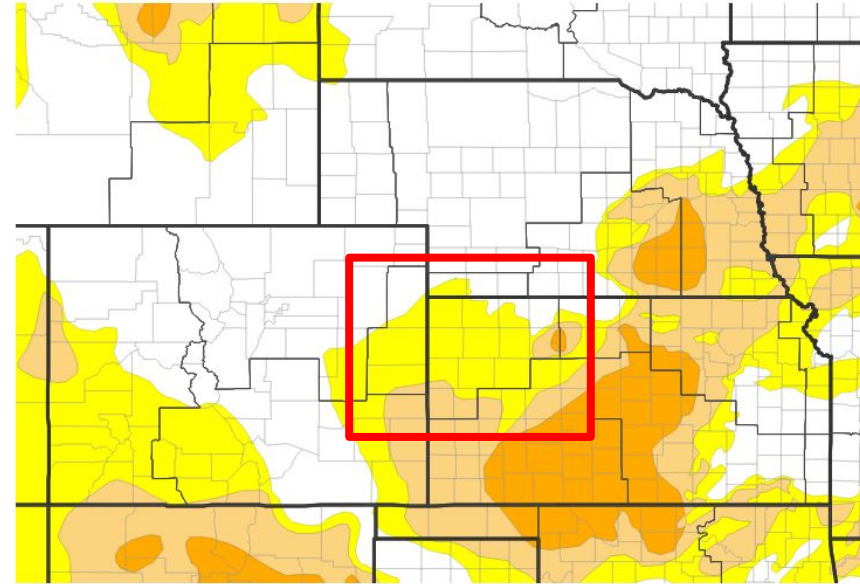
Link to the [latest U.S. Drought Monitor](#) for High Plains

- Drought intensity and Extent

D2 (Severe Drought): Graham

D1 (Moderate Drought): Cheyenne (CO),
Wallace, Greeley, Wichita

D0: (Abnormally Dry): Dundy, Hitchcock,
Yuma, Kit Carson, Cheyenne (KS), Rawlins,
Decatur, Norton, Sherman, Thomas,
Sheridan, Gove, Logan.



U.S. Drought Monitor



Image Caption: Goodland County Warning Area Drought Monitor. Valid

6am MDT May 04, 2024





Recent Change in Drought Intensity

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

- 4 Week Drought Monitor Class Change.

Drought Worsened: Dundy, Yuma, Kit Carson, Cheyenne (CO), Cheyenne (KS), Sherman, Thomas, Sheridan, Gove, Logan, Wallace, Greeley, Wichita

Drought Improved: Hitchcock, Red Willow, Rawlins, Decatur, Norton, Graham

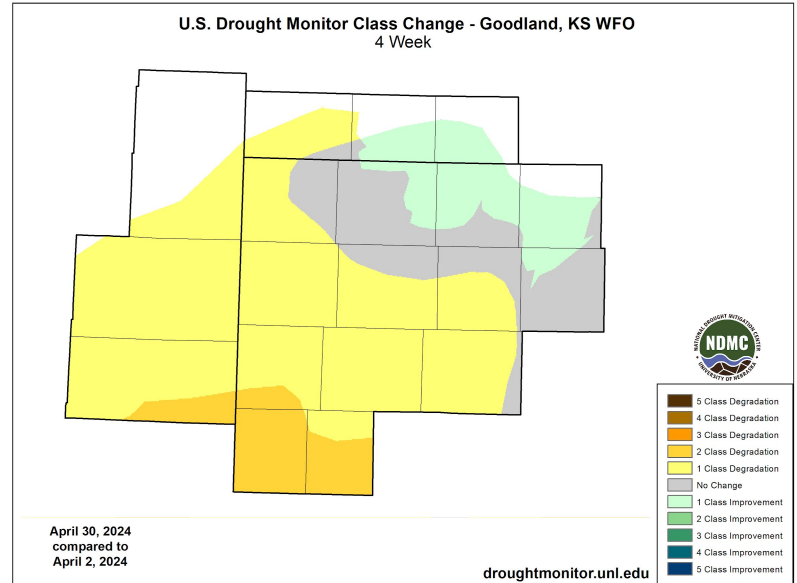


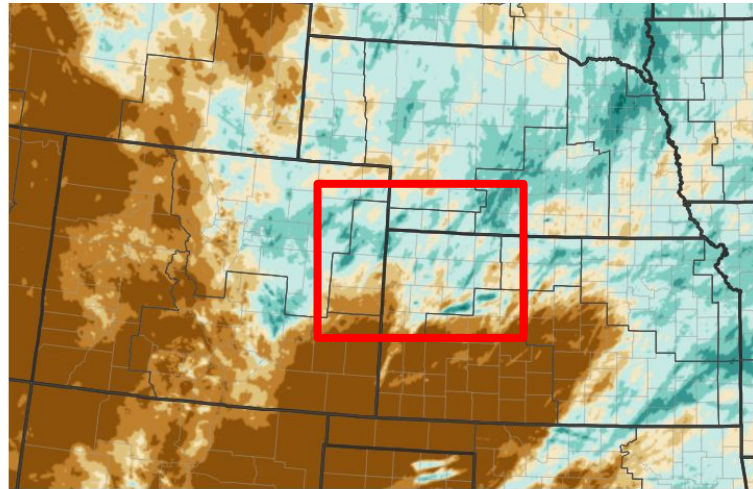
Image Caption: U.S. Drought Monitor 4-week change map valid 6am MDT May 04, 2024



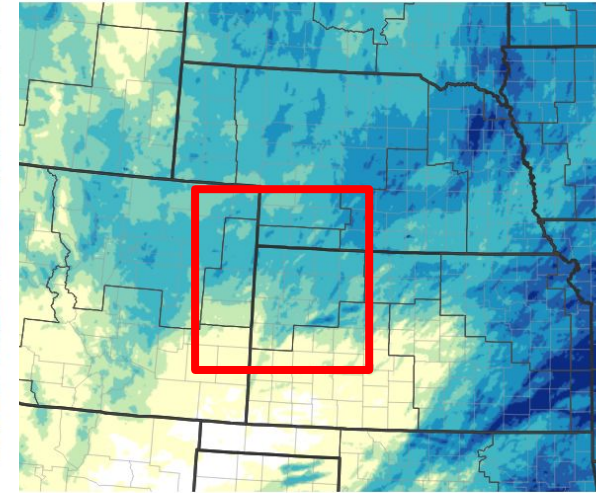
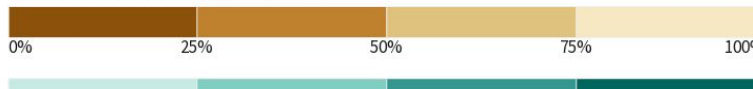


Precipitation

- Rainfall has favored mainly north of Interstate 70 and especially eastern portions of Kansas.
- Southern portions of our forecast area and further south have missed out on the rainfall.
- Main reasons for this is due to most of the rain being severe thunderstorm related along with the placement of the dryline being a bit further east.



Percent of Normal Precipitation (%)



itation



Image Captions:
Right - Monthly Precipitation Amount for Tri-State Area
Left - Percent of Normal Monthly Precipitation for Tri-State Area
Data Courtesy of MRMS. Date Valid:

May 04 2024

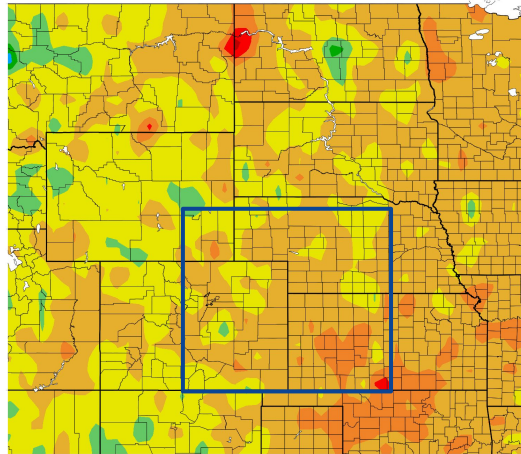




Temperature

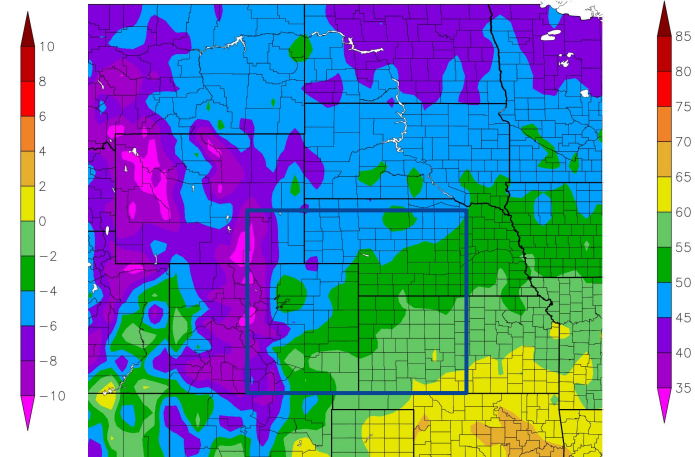
- Temperatures, haven't been overly warm which is helping to keep from a more "substantial" drought standpoint.
- Despite from not being overly warm temperatures have been about 2 degrees above normal for virtually the entire region.

Departure from Normal Temperature (F)
4/4/2024 - 5/3/2024



Generated 5/4/2024 at HPRCC using provisional data.

Temperature (F)
4/4/2024 - 5/3/2024



NOAA Regional Climate Centers²⁴ at HPRCC using provisional data.

NOAA Regional Climate Centers

Image Captions:
Right - Average Temperature
Left - Departure from Normal Temperature
Data Courtesy High Plains Regional Climate Center. Date Valid:
May 04 2024





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

- There are no known impacts at this time

Other Impacts

- There are no known impacts at this time

Mitigation Actions

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

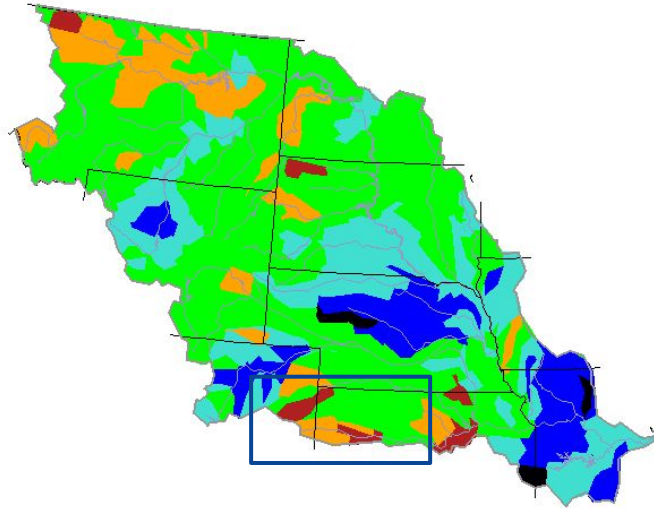




Hydrologic Conditions and Impacts

- Most of the streamflow is running about normal to below normal across the region.
- In Kansas and Colorado, the below normal to much below normal streamflows correlate with the relative more substantial drought degradation.

Friday, May 03, 2024



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
May 04 2024





Agricultural Impacts

- Despite the dry conditions, crop moisture still remains “favorably moist” to “abnormally moist” with the more moist favoring SW Nebraska.
- This may still be the residual effects from the wet spring/summer from last year and the fairly wet winter.

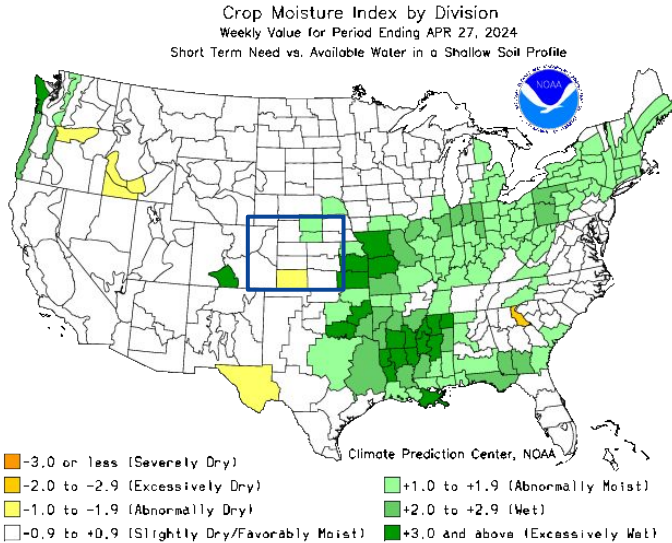


Image Captions:

Right: [Crop Moisture Index by Division](#). Weekly value for period ending April 15, 2023





Fire Hazard Impacts

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

- As spring greenup continues there looks to be no highlighted area for above normal significant wildfire potential.
- However, if the dryness does continue then there may be more of an elevated threat especially on very low humidity and windy days.

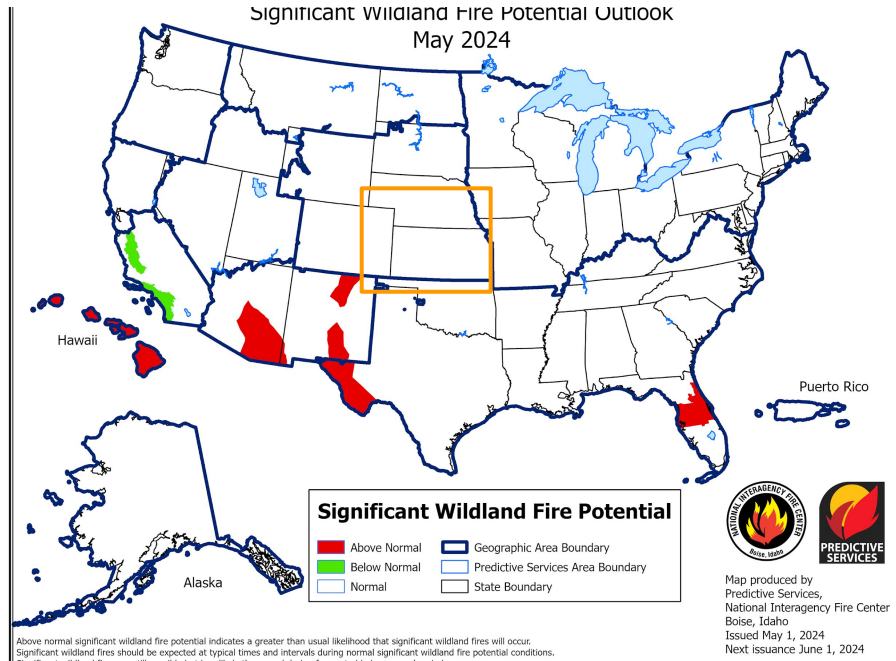


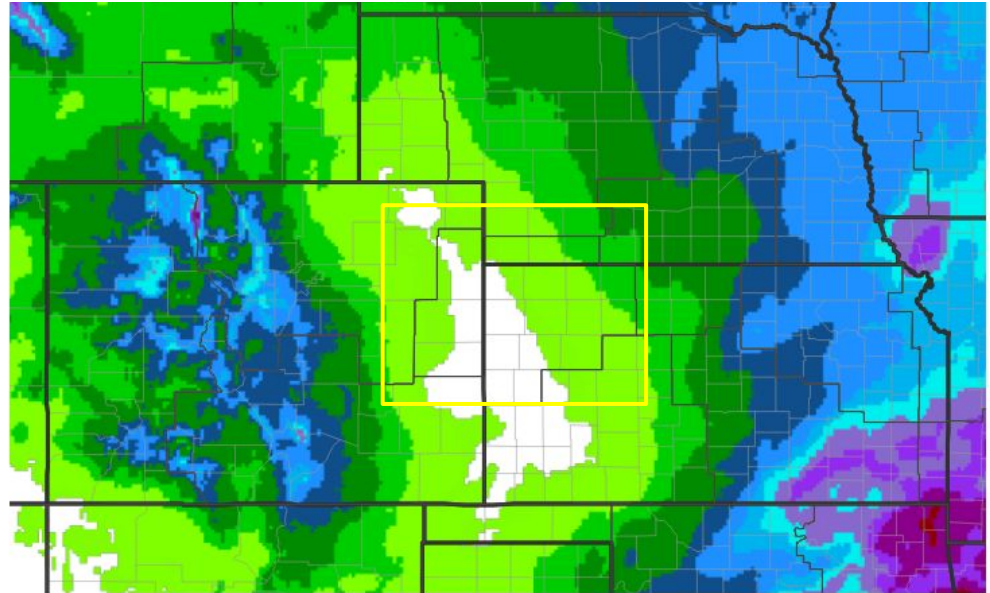
Image Caption: [Significant Wildland Fire Potential Monthly Outlook](#) for May 2024





Seven Day Precipitation Forecast

- Next 7 days currently appears to be rather dry for the High Plains.
- Relative better chance for rainfall would be associated with the risk for more severe weather favoring eastern portions of the forecast area (Logan, Graham, Gove, Sheridan, Norton) counties on Monday.



Predicted Inches of Precipitation



Image Caption: Weather Prediction Center [7-day precipitation forecast](#) valid Saturday May 4 to Saturday May 11



Long-Range Outlooks

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

- The transition to La Nina continues to look more likely heading through the summer months as this is reflected in the seasonal temperature outlook with above normal temperatures favored.
- As for precipitation; typical La Ninas favor below normal precipitation. However, due to the transition into La Nina there is no favored way or another for above or below normal precipitation.

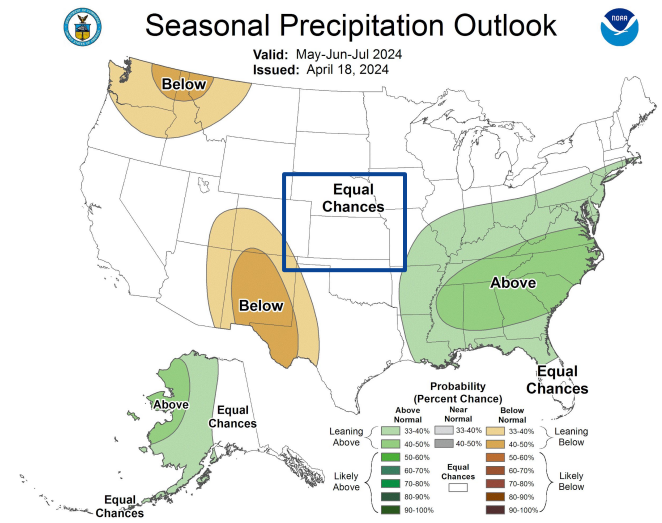
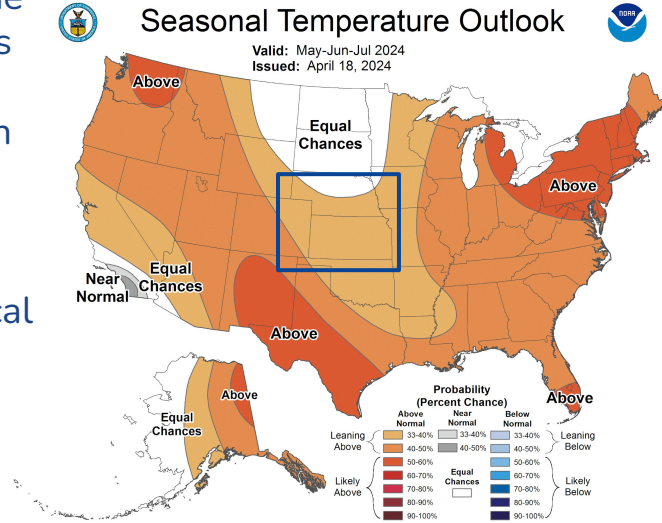


Image Captions:

Left - [Climate Prediction Center Seasonal Temperature Outlook](#).

Right - [Climate Prediction Center Seasonal Precipitation Outlook](#).

Valid April 2024





Drought Outlook

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

- Recent rains and upcoming threat for additional severe weather may lead to the potential for drought to end across the east.
 - This map was made after the recent drought degradations across the west and south.

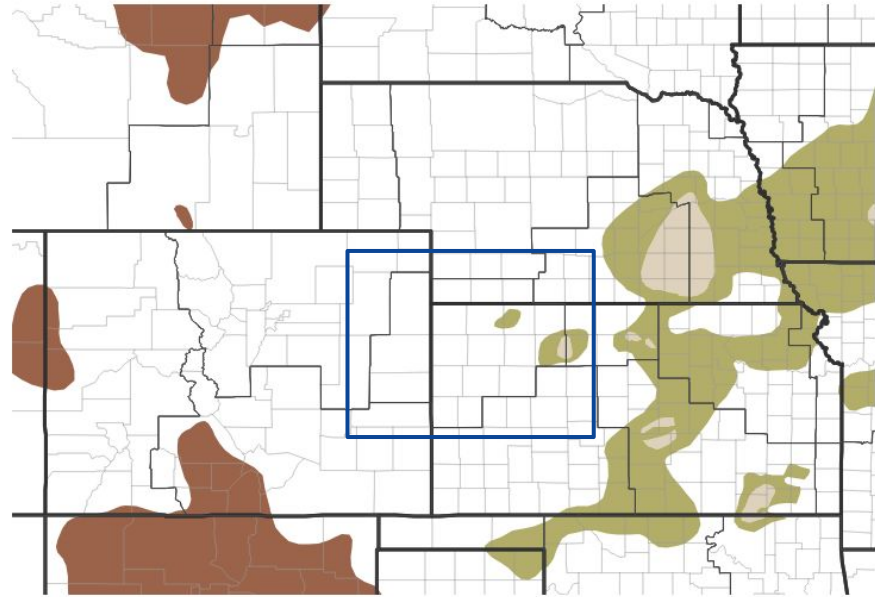


Image Caption:
 Climate Prediction Center Monthly Drought Outlook Released **April 30, 2024**
 Valid: **May 2024**

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:

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