



Drought Information Statement for Tri-State Area

Valid June, 03, 2023

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 has worsened across western portions of the area.
 - Widespread recent rains have brought some temporary relief





U.S. Drought Monitor

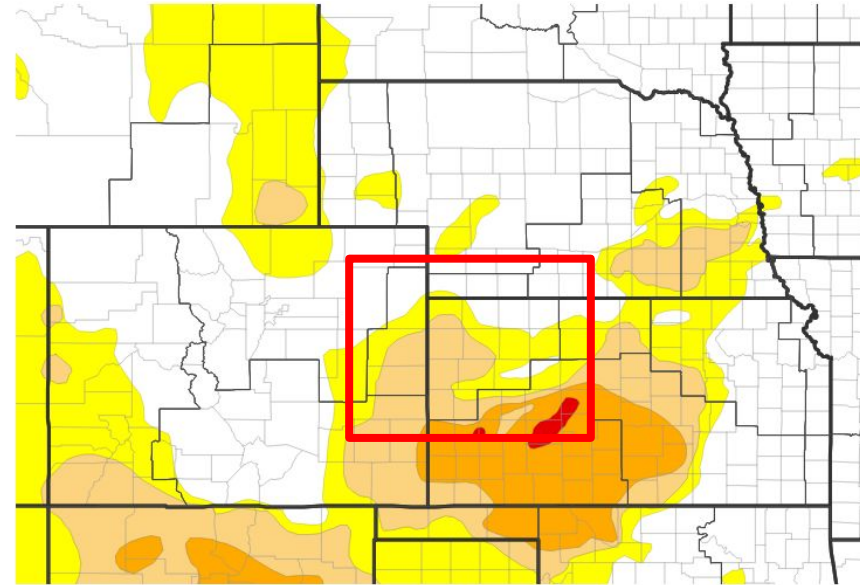
Link to the [latest U.S. Drought Monitor](#) for High Plains

- 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 rainfall improvements from Thursday May 30th to present; please see last slide for estimated rainfall amounts from the past week



U.S. Drought Monitor



Image Caption: Goodland County Warning Area Drought Monitor. Valid

6am MDT Jun 03, 2024





Recent Change in Drought Intensity

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

- 4 Week Drought Monitor Class Change.

Drought Worsened: Cheyenne(KS), Kit Carson, Sherman, Thomas, Cheyenne (CO), Wallace, Logan

No Change: Yuma, Greeley, Wichita, Sheridan

Drought Improved: Dundy, Rawlins, Decatur, Norton, Graham, Gove

This does not include any rainfall improvements from Thursday May 30th to present

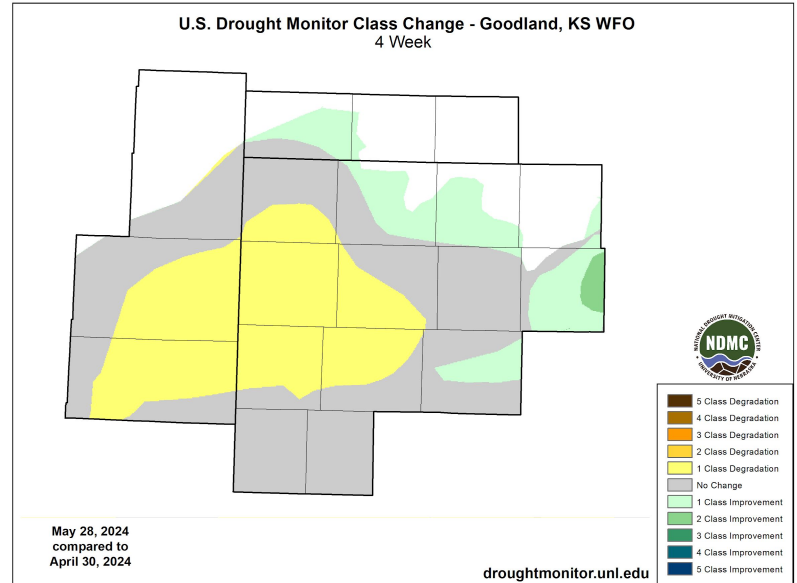


Image Caption: U.S. Drought Monitor 4-week change map valid 6am MDT Jun 03, 2024





Precipitation

- Northern and eastern portions of the area continue to have seen the most precipitation as of late.
- Although recent rainfall will help more of the area to become more normal.

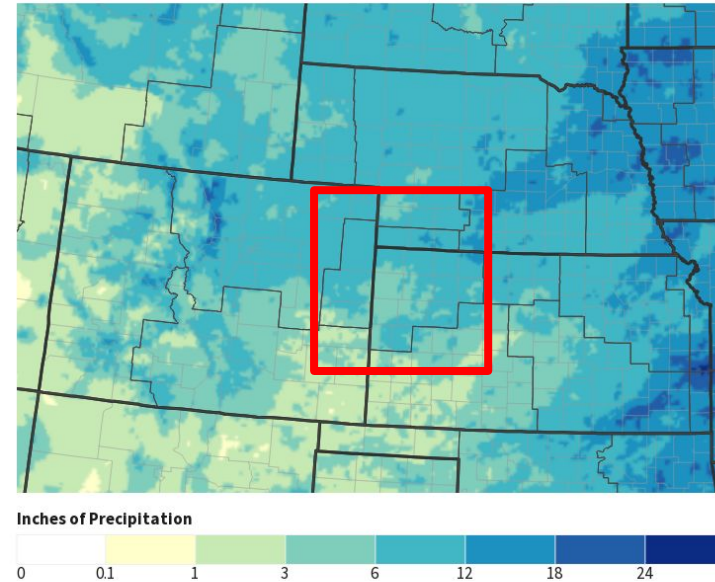
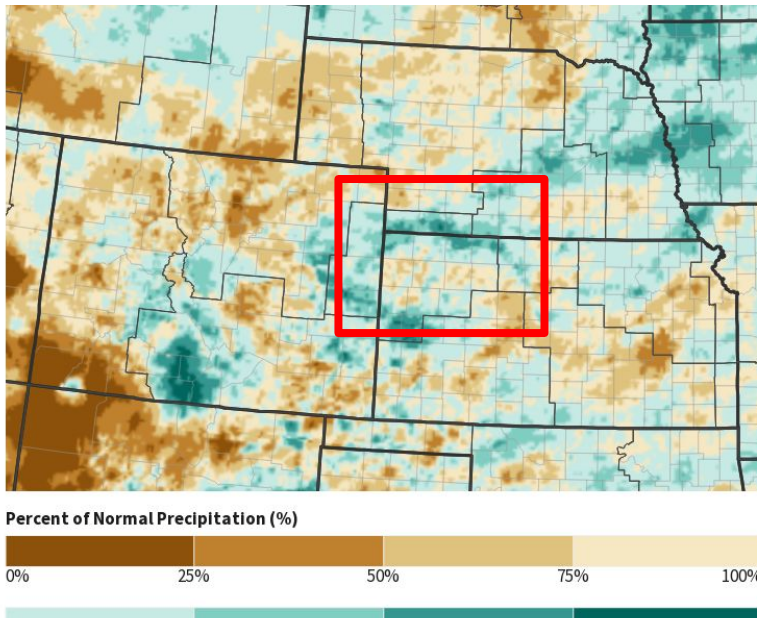


Image Captions:
 Right - Monthly Precipitation Amount for Tri-State Area
 Left - Percent of Normal Monthly Precipitation for Tri-State Area
 Data Courtesy of National Water Prediction Center. Date Valid:

Jun 03 2024





Temperature

- Normal to above normal temperatures have been common for the area as of late.
- Some of this may be due to the drier conditions south of I-70 before late month.

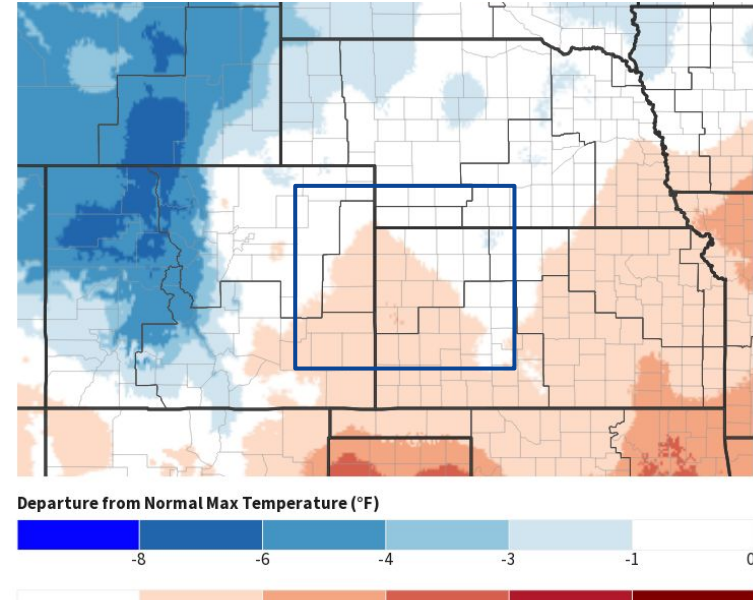
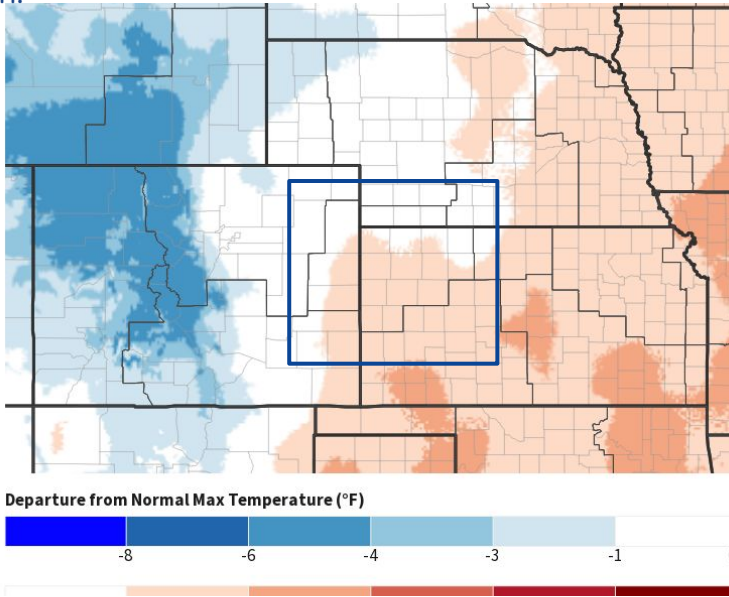


Image Captions:
Right - 7 Day Temperature Anomaly
Left - 30 Day Temperature Anomaly
Data Courtesy High Plains Regional Climate Center. Date Valid:
Jun 03 2024





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

- Recent rainfall has helped (at least temporary) fire concerns across the area. Before the rain of the past week it was reported by Colorado Fire Prevention and Control across western portions of Kit Carson and Cheyenne (CO) that Cheat Grass was drying out which typically doesn't happen till late June

Other Impacts

- There are no known impacts at this time

Mitigation Actions

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

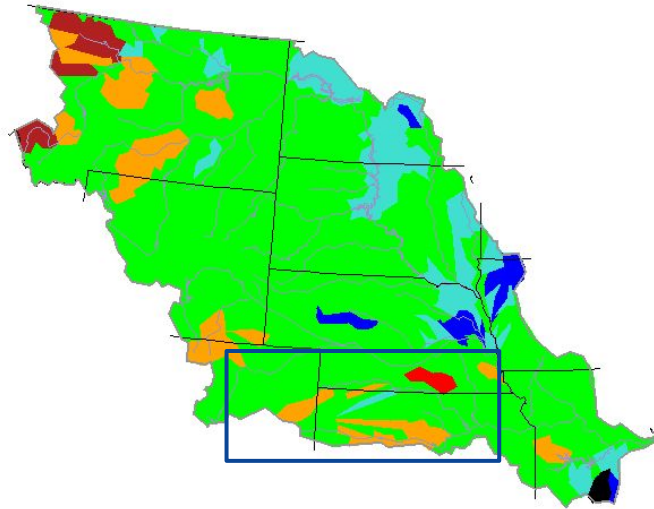




Hydrologic Conditions and Impacts

- No know impacts at this time as much of the Tri-State Area remains normal or below normal.
- There are a Much Above Normal locations across Nebraska which will need to be watched for increase in streamflows for us, especially if the active pattern continues.

Sunday, June 02, 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 Jun 03 2024





Agricultural Impacts

- Soil moisture remains dry for most of the area; however with the recent rainfall could see this improving.

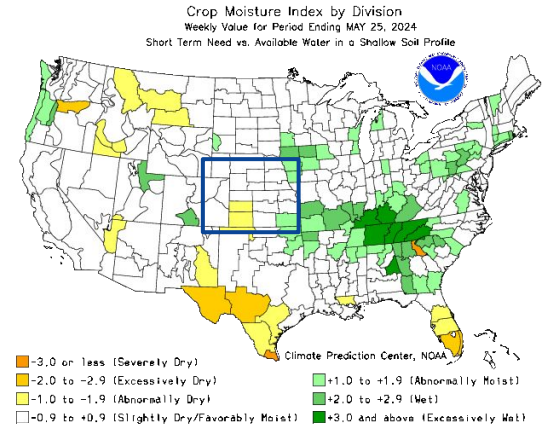
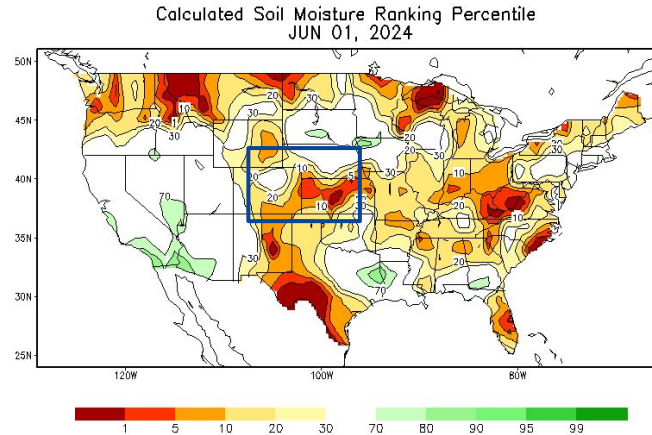


Image Captions:

Left: CPC Calculated [Soil Moisture Ranking Percentile](#) valid Jun 03 2024

Right: [Crop Moisture Index by Division](#). Weekly value for period ending May 25, 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 as Cheat Grass was reported as drying out.

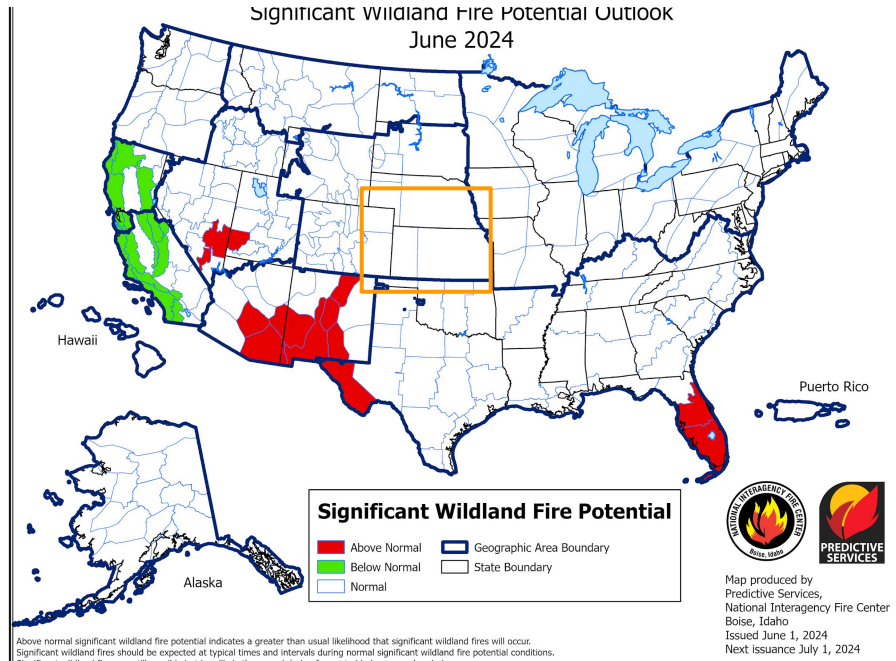


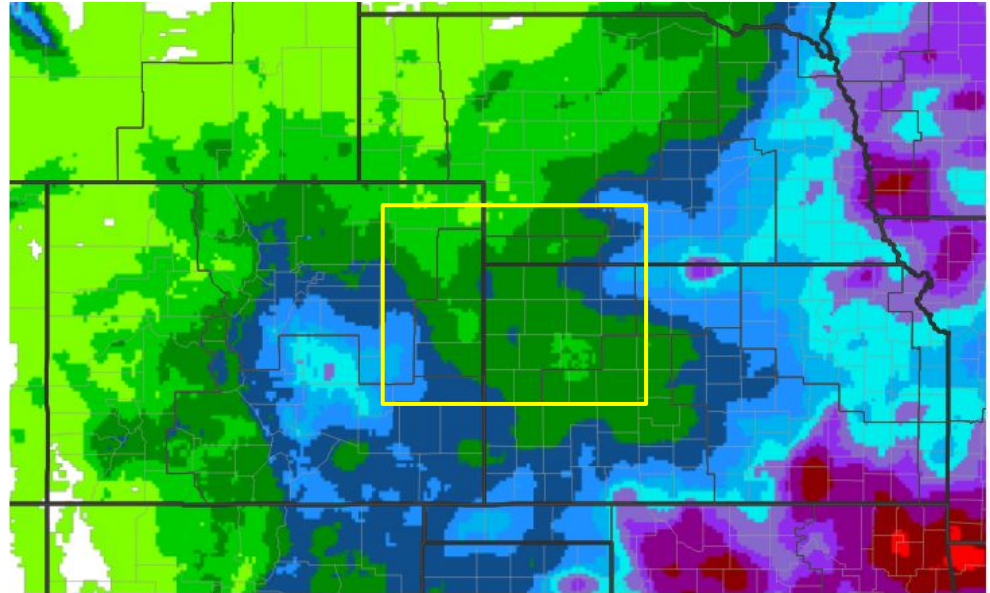
Image Caption: [Significant Wildland Fire Potential Monthly Outlook](#) for June 2024





Seven Day Precipitation Forecast

- The majority of the current forecasted rainfall for the area is for late week through the weekend.
- Details will become more clear as the days get closer; but it does appear that some severe weather potential may again be possible again as well.



Predicted Inches of Precipitation



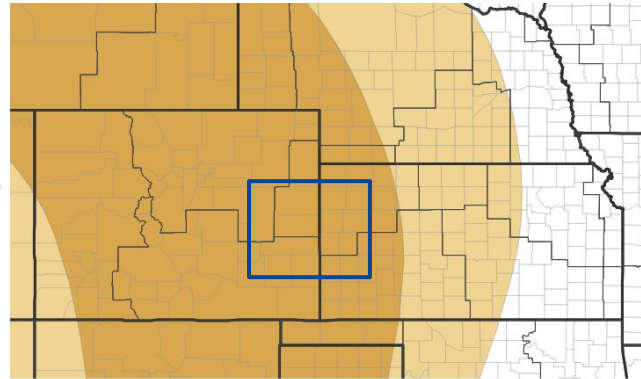
Image Caption: Weather Prediction Center [7-day precipitation forecast](#) valid Monday June 3 to Monday June 10



Long-Range Outlooks

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

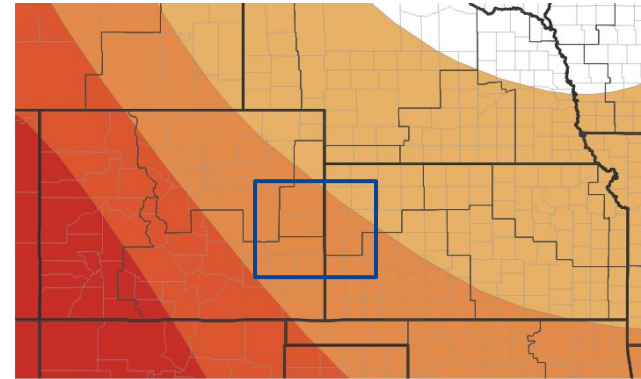
- For the month of June, below normal precipitation and above normal temperatures are currently favored.
- This looks to be tailored to the end of the month with the continued active pattern returning later this week.



Probability of Below-Normal Precipitation



Probability of Above-Normal Precipitation



Probability of Below-Normal Temperatures



Probability of Above-Normal Temperatures



Image Captions:

Left - [Climate Prediction Center Monthly Temperature Outlook](#),

Right - [Climate Prediction Center Monthly Precipitation Outlook](#),

Valid June 2024





Drought Outlook

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

- West and southwest portions of the area look to have drought either persist or develop through the end of the month.
- With the anticipated drying out pattern late month; this does seem to be supported.

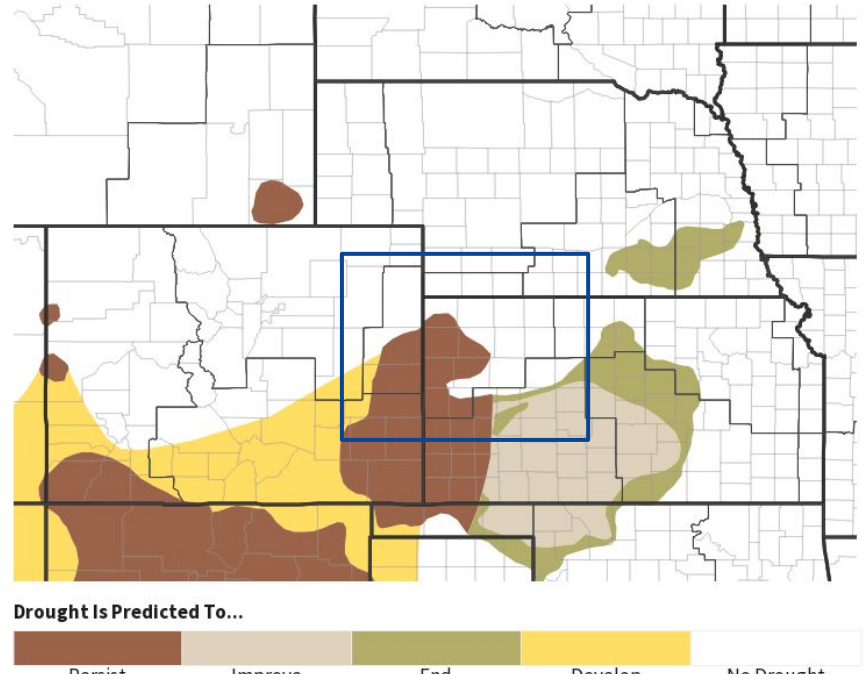


Image Caption:

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

Valid: **June 2024**

Links to the latest:

[Climate Prediction Center Monthly Drought Outlook](#)

[Climate Prediction Center Seasonal Drought Outlook](#)



National Oceanic and
Atmospheric Administration

U.S. Department of Commerce

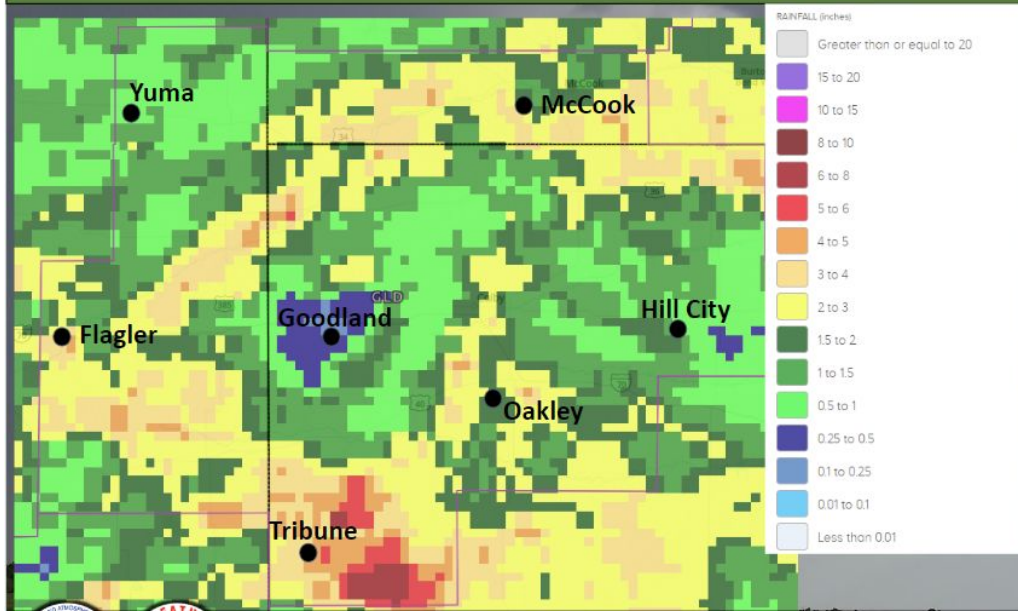
National Weather Service
Goodland



Past Week Rainfall (5/27-6/2)

For more in depth analysis please visit: water.noaa.gov

Past 7 Day Radar Estimated Rain Totals



- **Most of the area has seen beneficial rainfall over the past week with radar estimated 5-6 inches notably across Greeley and Wichita county; others not so lucky.**
- **Please note some locations did see locally higher amounts than what is shown; this is radar estimated amounts**



Contact Information

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

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