



Drought Information Statement for the Tri-State Area

Valid November 01, 2023

Issued By: WFO Goodland Kansas

Contact Information: 785-899-2360, 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.





U.S. Drought Monitor

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

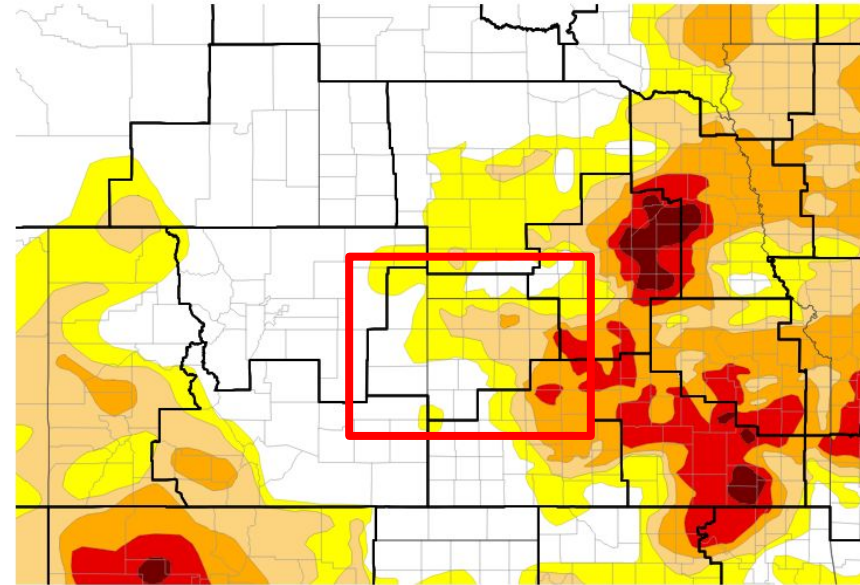
- Drought intensity and Extent

D3 (Extreme Drought): Graham

D2 (Severe Drought): Norton, Decatur, Gove

**D1 (Moderate Drought): Cheyenne (KS),
Rawlins, Sheridan, Thomas, Sherman**

**D0: (Abnormally Dry): Greeley, Logan Yuma,
Kit Carson, Dundy, Hitchcock, Red Willow**



U.S. Drought Monitor



Image Caption: Goodland County Warning Area Drought Monitor. Valid
6am MDT Nov 01, 2023





Recent Change in Drought Intensity

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

- 4 Week Drought Monitor Class Change.

Drought Worsened: Yuma, Dundy, Cheyenne (KS), Greeley

No Change: Kit Carson, Hitchcock, Red Willow, Rawlins, Decatur, Norton, Sherman, Thomas, Sheridan, Graham, Logan, Gove

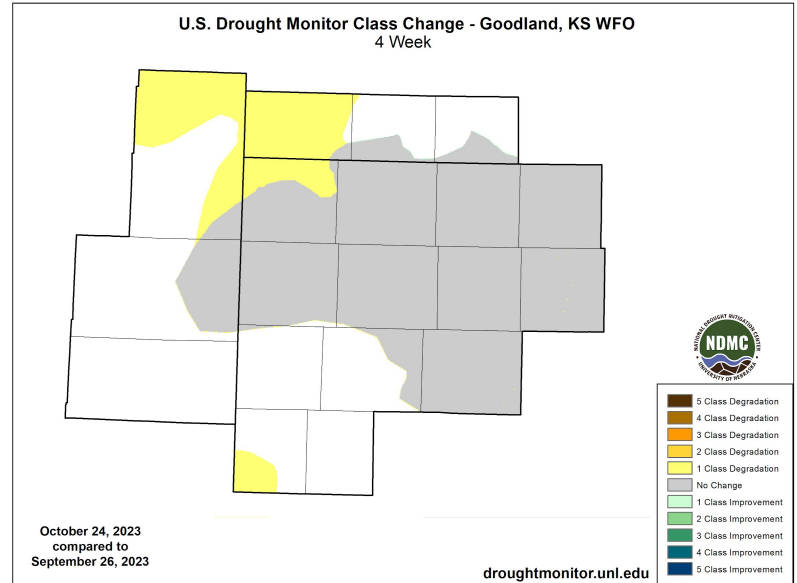


Image Caption: U.S. Drought Monitor 4-week change map valid 6am MDT Nov 01, 2023





Precipitation

- October was again a dry month across the area.
- The majority of the area saw less than 25% of their normal precipitation for the month.
- The prolonged drier period and colder, killing freezes will create fuels that would be favorable for wildfire growth, as the fall is the areas windiest month.

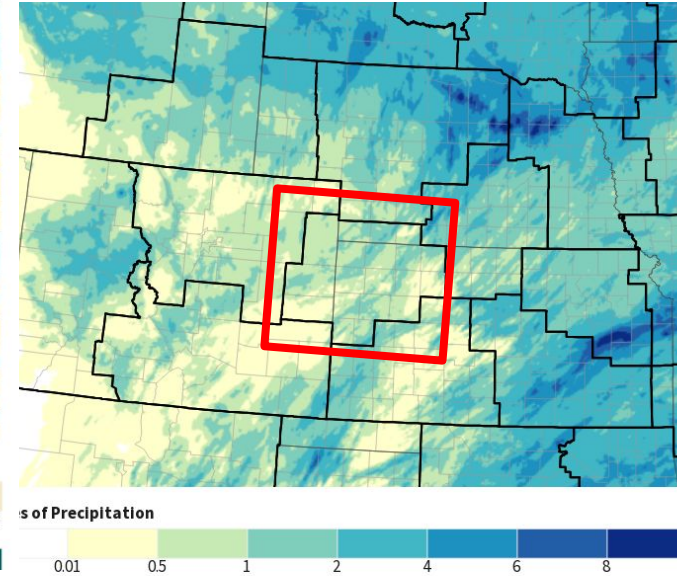
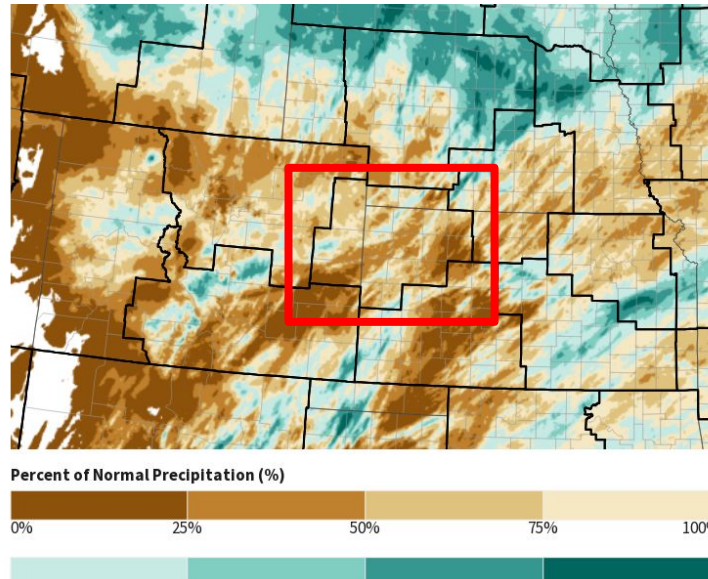


Image Captions:
 Right - Monthly Precipitation Amount for Tri-State Area
 Left - Percent of Normal Monthly Precipitation for Tri-State Area
 Data Courtesy of MRMS. Date Valid:

Nov 01 2023

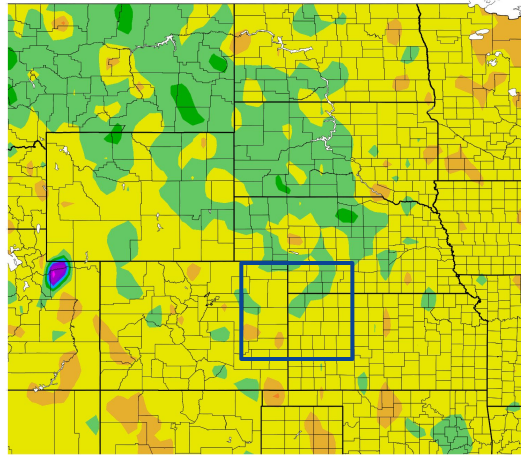




Temperature

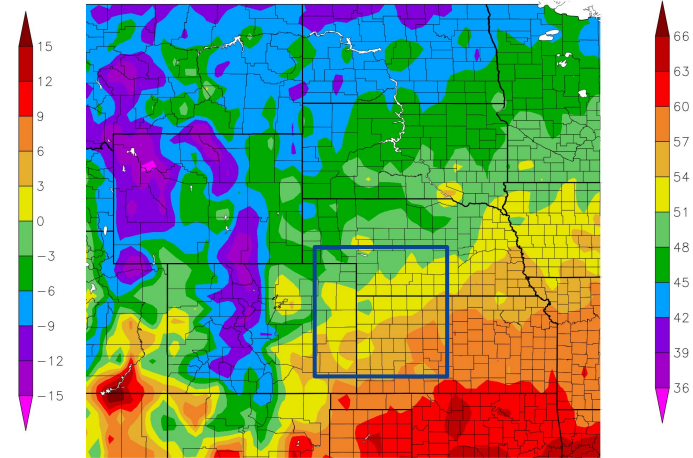
- Temperatures across the area were near normal to below normal.
- The lack of “warmer” temperatures perhaps did help mitigate how much the drought degraded over the past month. As warmer/hotter temperatures would further exacerbate drying conditions.

Departure from Normal Temperature (F)
10/2/2023 – 10/31/2023



Generated 11/1/2023 at HPRCC using provisional data.

Temperature (F)
10/2/2023 – 10/31/2023



NOAA Regional Climate Centers ⁰²³ 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:
Nov 01 2023





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

- Overall dryness of the past few months may have an impact on winter wheat this upcoming season.

Fire Hazard Impacts

- Fuels are becoming more favorable for wildfire spread due to lack of precipitation and the entire area seeing a hard freeze.

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

- Continuing dry conditions may have impacts on the winter wheat crop across the area.

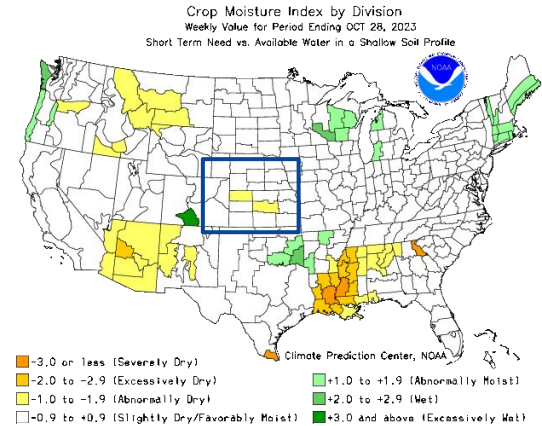
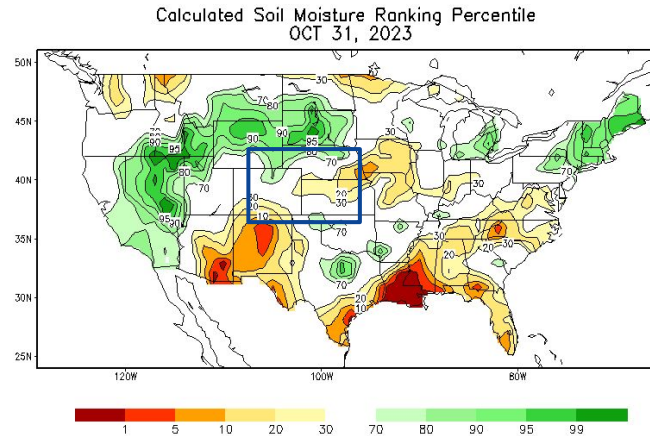


Image Captions:

Left: CPC Calculated [Soil Moisture Ranking Percentile](#) valid Nov 01 2023

Right: [Crop Moisture Index by Division](#). Weekly value for period ending October 28, 2023





Fire Hazard Impacts

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

- Although not highlighted, Fall/Winter is the height of the fire season in the area along with the windiest.
- The past few months of dryer conditions may help further exacerbate this.
- The excess growth of vegetation from this spring/summers abundant rainfall also may bring extra fuels as well.

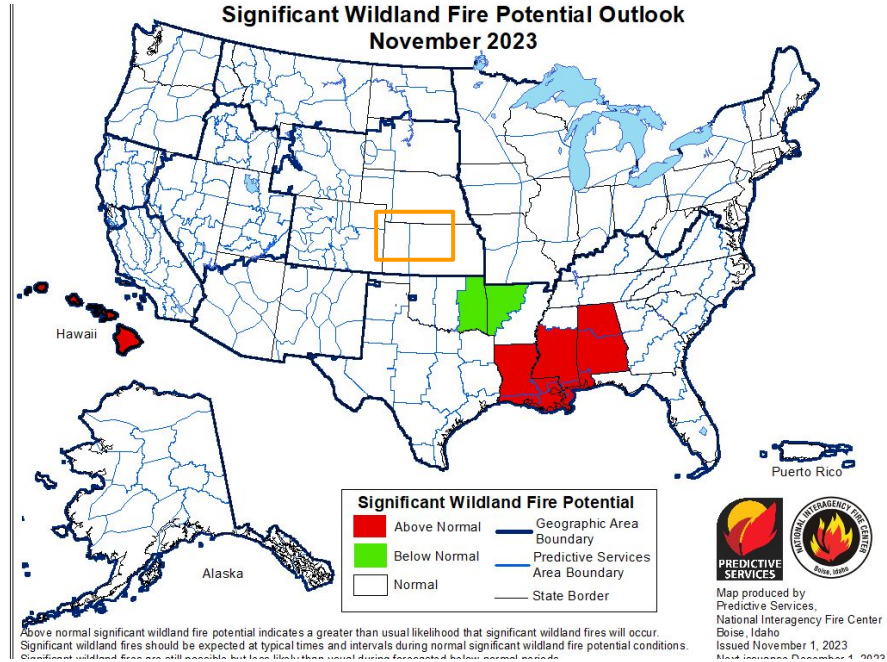


Image Caption: [Significant Wildland Fire Potential Monthly Outlook](#) for November 2023





Long-Range Outlooks

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

- Signals continue to point towards above normal temperatures for the area for the month of November.
- However there is no clear signal towards above or below when it comes to precipitation.
 - Chances for rain/snow are possible as El Nino remains which is typically favorable for above normal precipitation for the region.

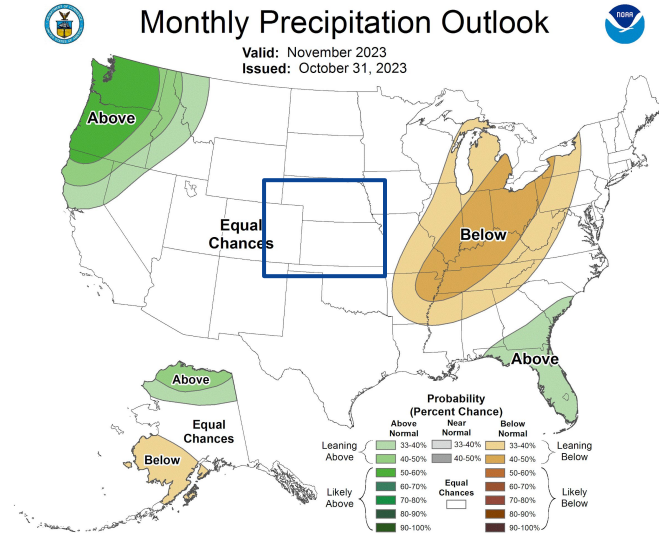
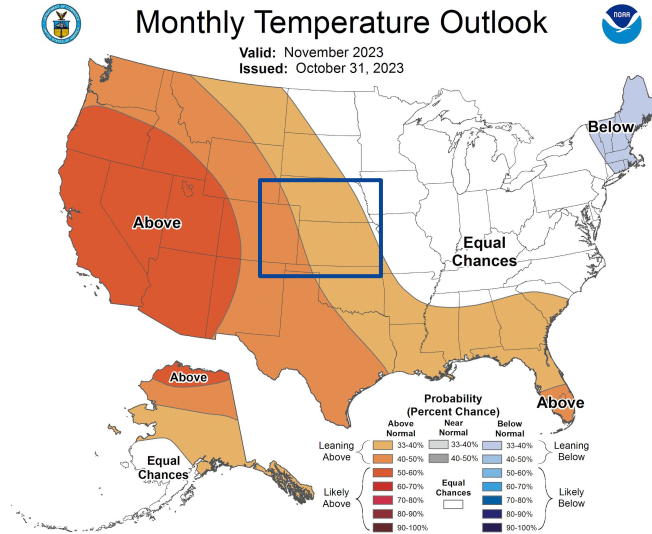


Image Captions:

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

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

Valid November 2023





Drought Outlook

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

- As mentioned before El Nino is forecast to continue through the winter and this typically favors above normal precipitation.
- The drought outlook from the Climate Prediction Center represents that potential as currently no additional drought is forecast to develop; some may end all together as a matter of fact.

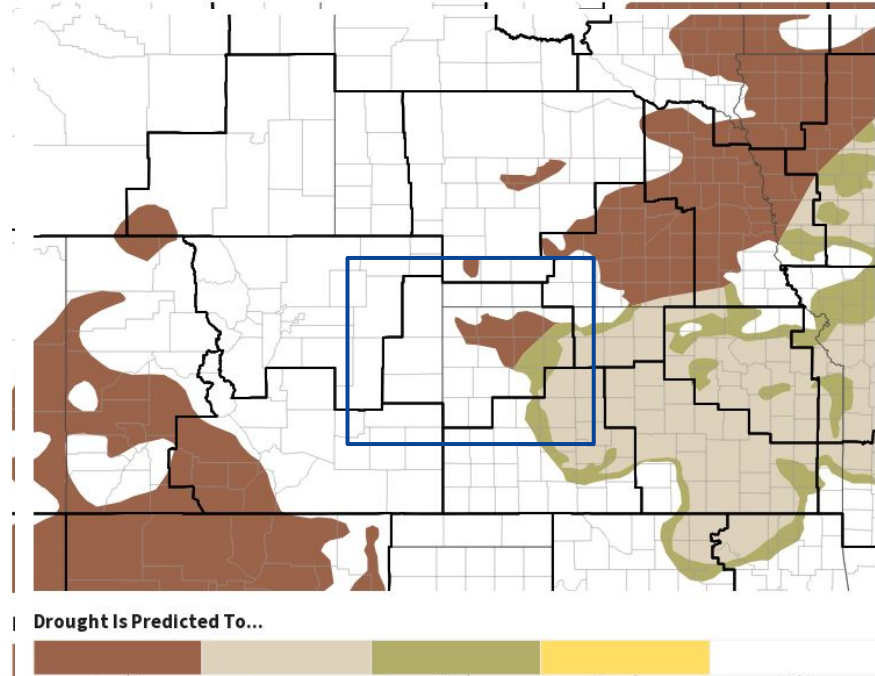


Image Caption: Climate Prediction Center Seasonal Drought Outlook Released **Oct 31, 2023**
 Valid: **November 2023-January 2024**

Links to the latest:

- [Climate Prediction Center Monthly Drought Outlook](#)
- [Climate Prediction Center Seasonal Drought Outlook](#)