



Drought Information Statement for SE SD, SW MN, NW IA, Far NE Neb

Valid April 17, 2025

Issued By: WFO Sioux Falls, SD

Contact Information: w-fsd.webmaster@noaa.gov

- This product will be updated by the end of May 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/fsd/DroughtInformationStatement> for previous statements.
- Please visit <https://www.drought.gov/drought-status-updates> for regional drought status updates.

- WIDESPREAD ABNORMALLY DRY (D0) TO MODERATE (D1), LOCALLY SEVERE (D2), DROUGHT CONDITIONS CONTINUE ACROSS THE REGION INTO NEW GROWING SEASON
- MEDIUM AND LONG RANGE OUTLOOKS FAVOR DROUGHT CONDITIONS PERSISTING





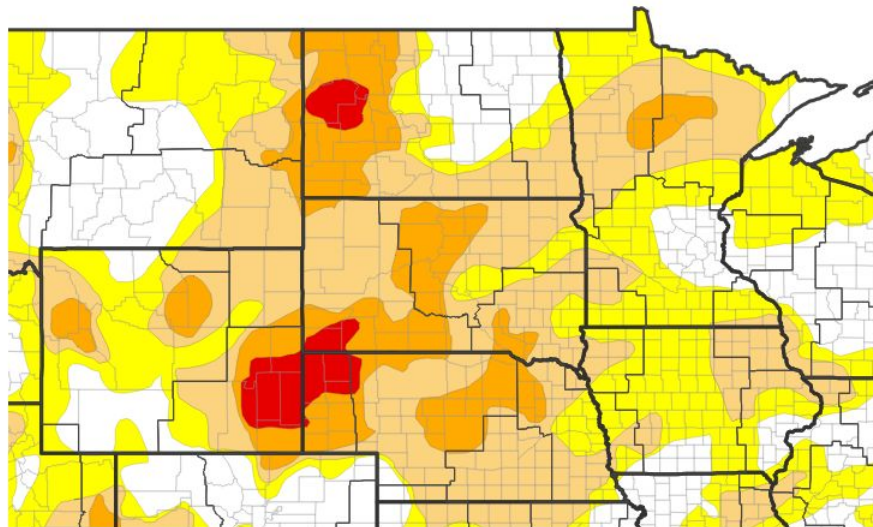
U.S. Drought Monitor

Link to the [latest U.S. Drought Monitor](#) for SE South Dakota, SW Minnesota, NW Iowa, far NE Nebraska

...WIDESPREAD DRYNESS TO DROUGHT REMAINS IN PLACE ACROSS THE REGION...

- Drought Intensity and Extent
 - **D2 (Severe Drought)**: Portions of southern and central South Dakota
 - **D1 (Moderate Drought)**: Portions of southeast South Dakota, northwest Iowa, southwest Minnesota and northeast Nebraska
 - **D0 (Abnormally Dry)**: Remaining areas not in Moderate or Severe drought

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 04/15/25





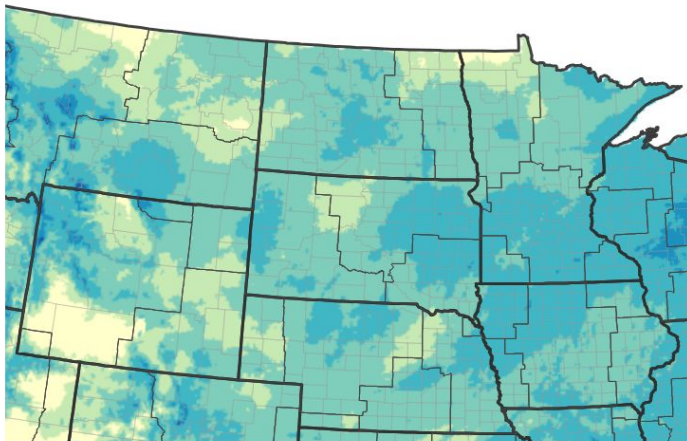
Precipitation - Past 30 Days

- Beneficial moisture fell during March and April although with this timeframe is also climatologically a wetter period and thus overall precipitation departures were near to below normal.
- Precipitation deficits over the entire water year (since October 1st) still reflect fairly significant deficits.

Water Year Precip (October 1st-April 16th)

Sioux Falls: 6.15" (-2.71")
Mitchell: 3.51" (-2.65")
Sioux City: 8.35" (-0.86")
Huron: 5.04" (-2.12")

NWPS 30-Day Precipitation Accumulations (inches)



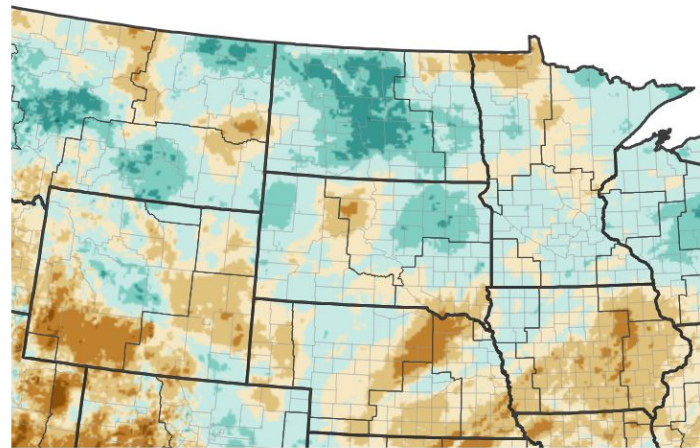
Inches of Precipitation



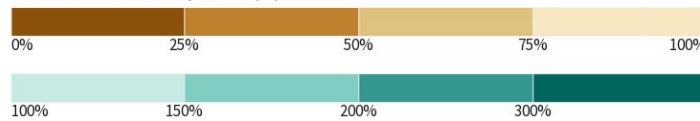
Source(s): National Weather Service National Water Prediction Service;
image courtesy of Drought.gov

Data Valid: 04/15/25

30-Day Precipitation: Percent of PRISM Normal



Percent of Normal Precipitation (%)



Source(s): National Weather Service National Water Prediction Service;
image courtesy of Drought.gov

Data Valid: 04/16/25





Summary of Impacts.

Links: See/submit [Condition Monitoring Observer Reports \(CMOR\)](#) and view the [Drought Impacts Reporter](#)

Hydrologic Impacts

- River and stream levels remain at or below normal.

Agricultural Impacts

- There are no reported impacts at this time

Fire Hazard Impacts

- Several days of critical fire danger have been observed thus far this spring as vegetation has not fully progressed through the green-up stage.

Other Impacts

- There are no reported impacts at this time

Mitigation Actions

- None reported





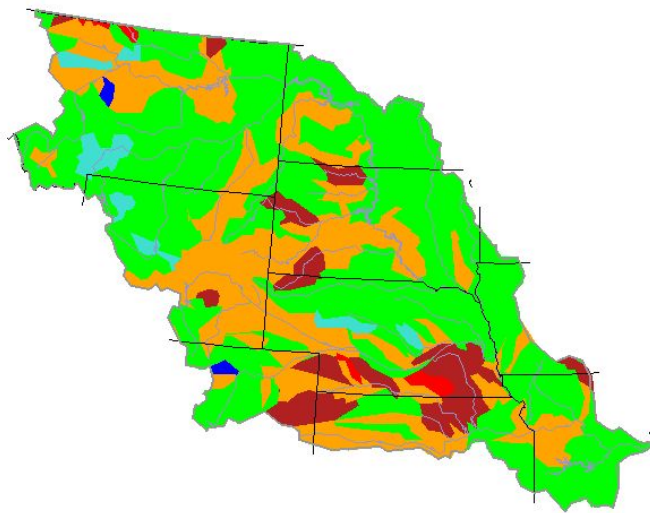
Hydrologic Conditions and Impacts

- Most waterways across the region are running at or below normal levels for this time of year.
- Groundwater well data east of the James River continues to show steady values.

USGS Streamflow Data:
[National Water Dashboard](#)

Groundwater Wells Data:
[Renner, SD](#)
[Near Huron, SD](#)
[Windom, MN](#)

Wednesday, April 16, 2025



USGS

Explanation - Percentile classes							
	<10	10-24	25-75	76-90	>90		
Low	Much below normal	Below normal	Normal	Above normal	Much above normal	High	No Data

Image Caption: USGS 7 day average streamflow HUC map valid 04/16/2025

Renner GW Well NO.2 Near Renner, SD - 433726096444501

- using custom time span -
January 1, 2020 - April 16, 2025
Depth to water level, feet below land surface

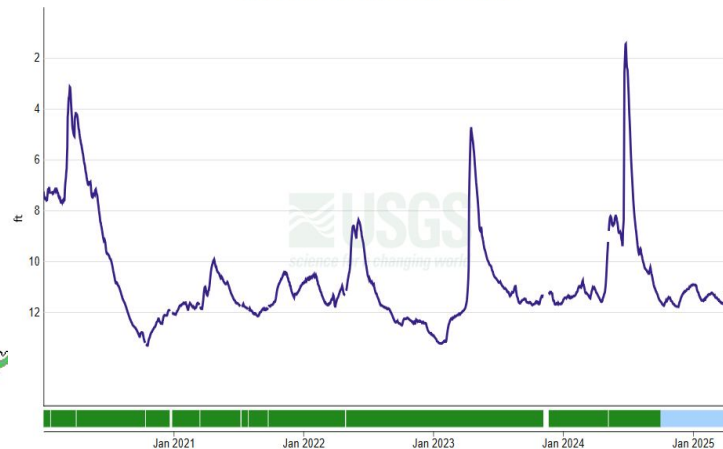


Image Caption: USGS Groundwater Well near Renner, SD



National Oceanic and Atmospheric Administration
U.S. Department of Commerce

National Weather Service
Sioux Falls, SD



Agricultural and Soil Moisture Impacts

SD

As of Apr 13th	Very Short Moisture	Short Moisture	Adequate Moisture	Moisture Surplus
Topsoil	28%	44%	28%	0%
Subsoil	35%	45%	20%	0%

IA

As of Apr 13th	Very Short Moisture	Short Moisture	Adequate Moisture	Moisture Surplus
Topsoil	7%	24%	68%	1%
Subsoil	9%	31%	59%	1%

MN

As of Apr 13th	Very Short Moisture	Short Moisture	Adequate Moisture	Moisture Surplus
Topsoil	4%	24%	63%	9%
Subsoil	6%	39%	50%	5%

USDA Crop Progress and Condition Reports

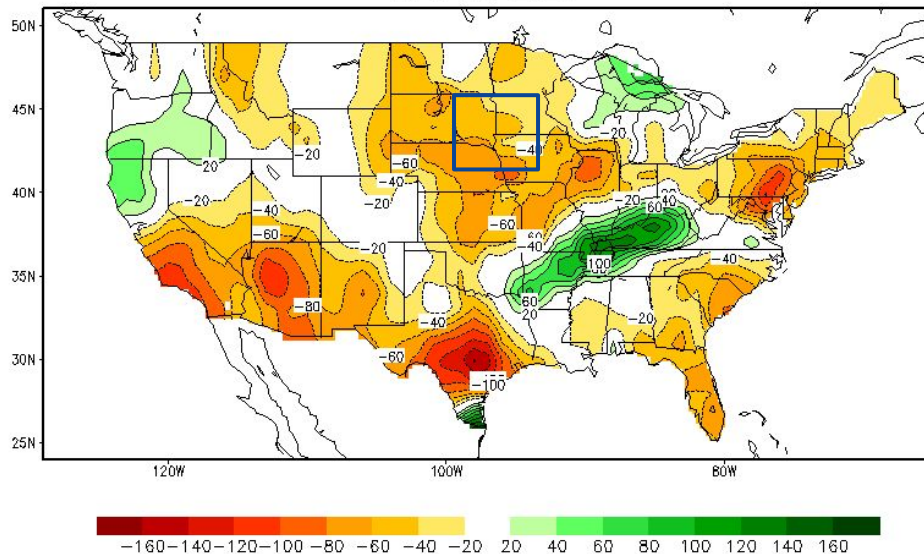
[South Dakota](#)

[Minnesota](#)

[Iowa](#)

[Nebraska](#)

Calculated Soil Moisture Anomaly (mm)
APR 16, 2025

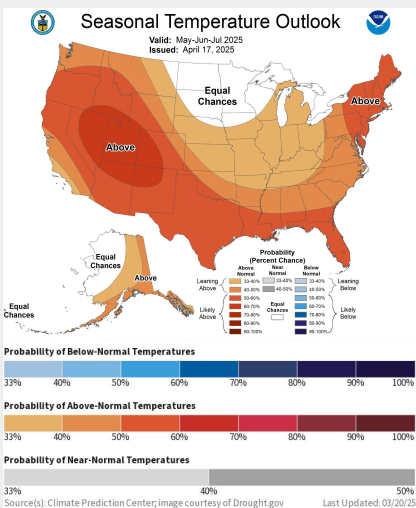
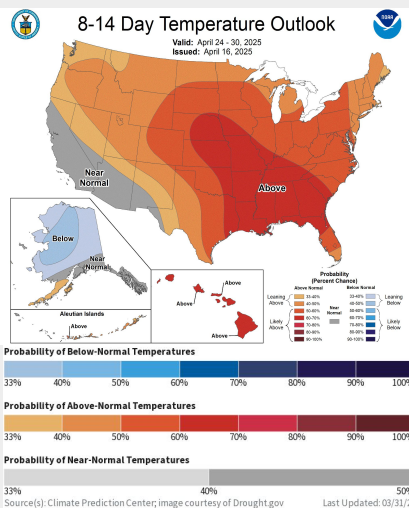




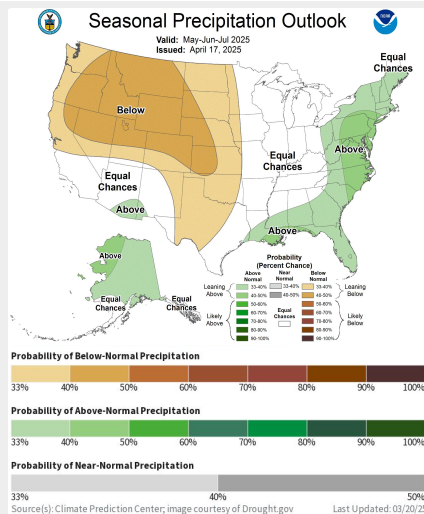
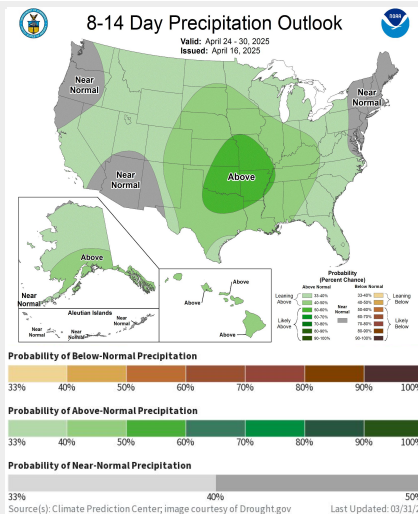
Medium and Long-Range Outlooks

The latest medium range and seasonal outlooks can be found on the [CPC homepage](https://cpc.ncep.noaa.gov)

Temperature



Precipitation



Medium Range Outlook

→ Outlooks through the end of April favor both above normal temperatures and above normal precipitation

Seasonal Outlook

→ Outlooks through the end of July show no clear signal for temperature trends but show a slight favor toward below normal precipitation





Drought Outlook.

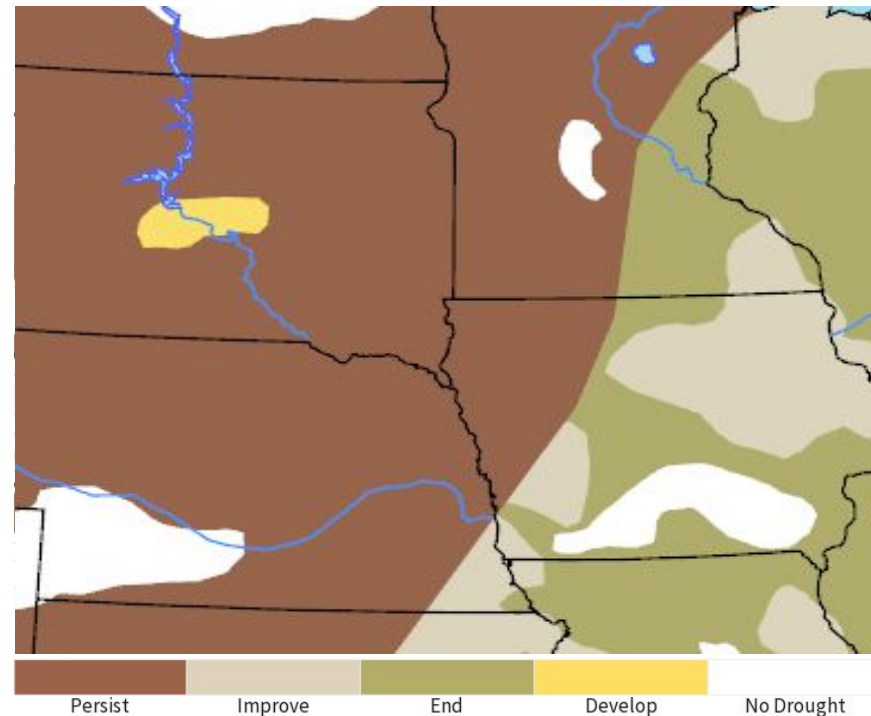
The latest monthly and seasonal outlooks can be found on the [CPC homepage](#)

- Widespread drought conditions continue across the region as we enter a new growing season.
- While some improvement in drought conditions has occurred through early spring, overall temperature and precipitation outlooks favor at least some level of dryness or drought into early summer.
- As the upcoming planting and growing season commences, additional Drought Information Statements will be published with additional details. The latest drought-related information can be found at: weather.gov/fsd/drought

Acknowledgements

The drought monitor is a multi-agency effort involving NOAA's National Weather Service and National Climatic Data Center, the USDA, state and regional center climatologists and the National Drought Mitigation Center. Information for this statement has been gathered from NWS and FAA observation sites, cooperative and volunteer observations, USDAFS, the USDA and USGS.

Seasonal (3-Month) Drought Outlook for April 17, 2025–July 31, 2025



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

Last Updated: 04/17/25



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