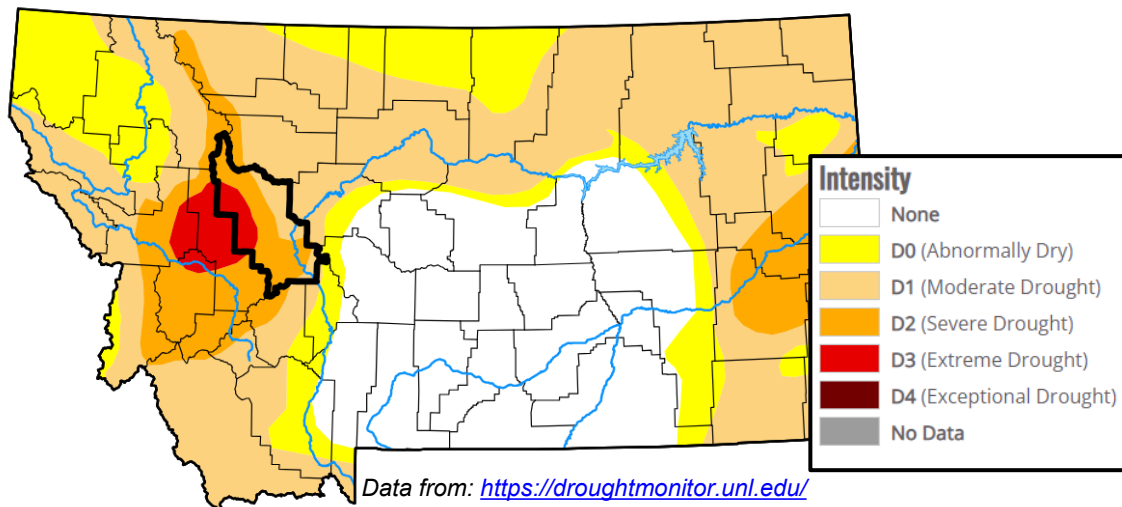


Upper Missouri Water Supply Report

May 5, 2025



The Montana Department of
**Natural Resources
& Conservation**



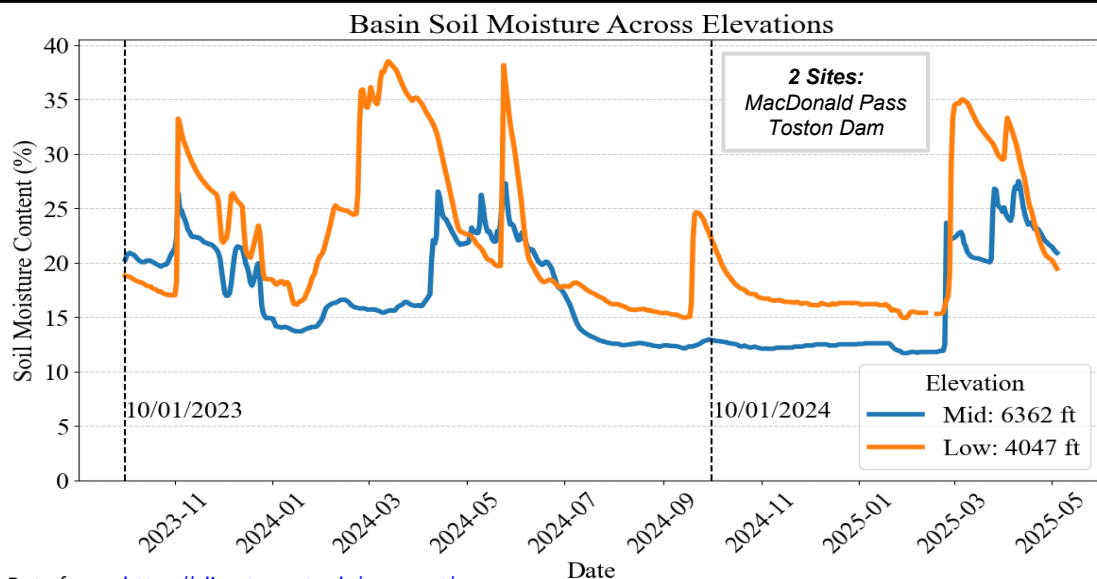
Data from: <https://droughtmonitor.unl.edu/>

OVERALL DROUGHT

- Majority of the watershed in D2 (74%) with no changes from April for Lewis and Clark County.

RESERVOIR STORAGE

- Canyon Ferry is **79%** full, **102%** of the 30-year average



Data from: <https://climate.umd.edu/mesonet/>

SOIL MOISTURE (8" DEPTH)

- Low elevation** soil moisture is infiltrating to **36"** in depth.
- Mid elevation** soil moisture is infiltrating to **20"** in depth.
- Similar soil moisture to last year for both elevations.

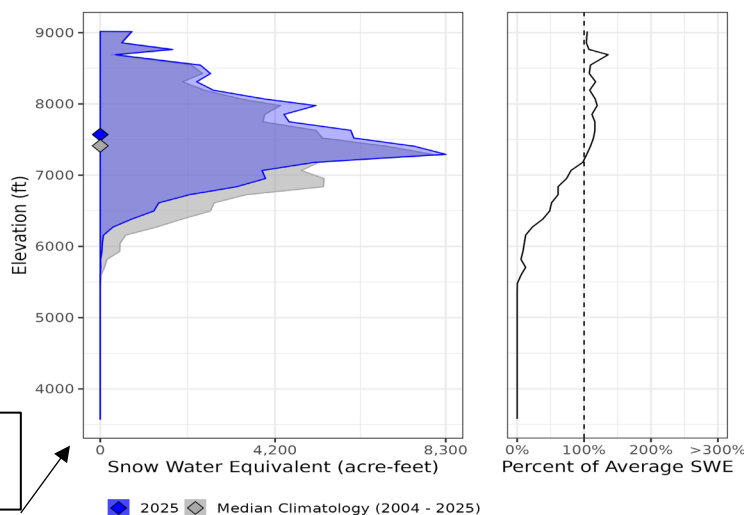
SNOWPACK

- SWE peaked early on 4/6 compared to the median on 4/16.
- No snowpack in low elevations.
- Mid elevation snowpack is below average.
- High elevation snowpack is slightly above average.

SWE represents the total water volume available in the snowpack

Hypsom-SWE for Upper Missouri (HUC8: 10030101)
2025-05-04 (93% of Normal)

Data from: <https://drought.climate.umd.edu>



PRECIPITATION

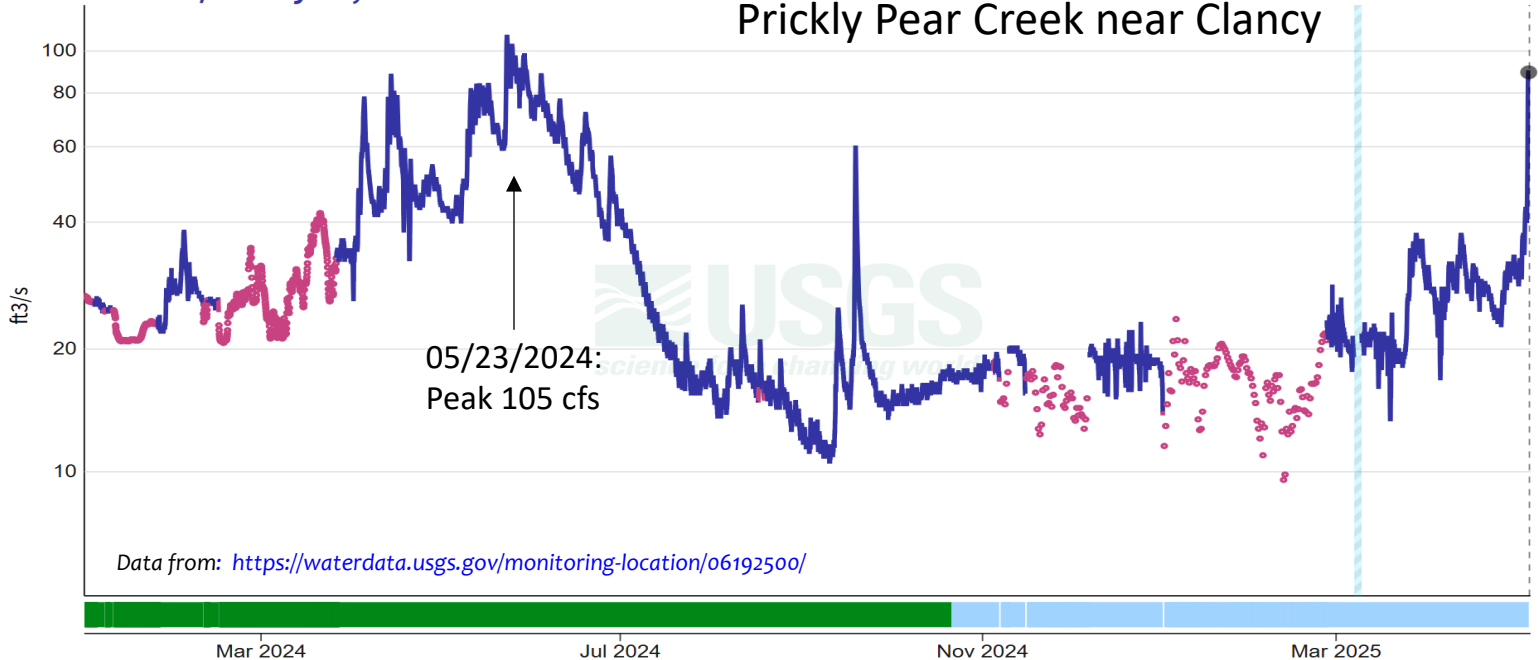
- Recent rainfall throughout the county with high elevation snow on **5/4-5/5**.
- Helena Valley** received over **1" of rain**, more than half the monthly average.
- Month of May is slightly above average for precipitation.

STREAMFLOW

- Prickly Pear Creek rose to **89.3 cfs (75th percentile)** after recent rain.
- Tenmile Creek responded less, at **38.8 cfs (25th percentile)**.
- Most **Missouri tributaries** are below/near median (**50th percentile**), expect the **Gallatin River (above 75th percentile)**.

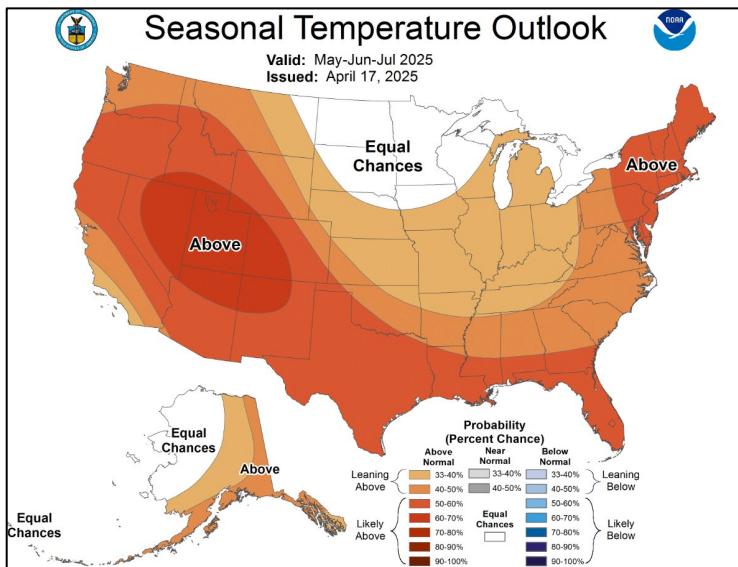
89.3 ft³/s - May 05, 2025 10:30:00 AM MDT

Prickly Pear Creek near Clancy



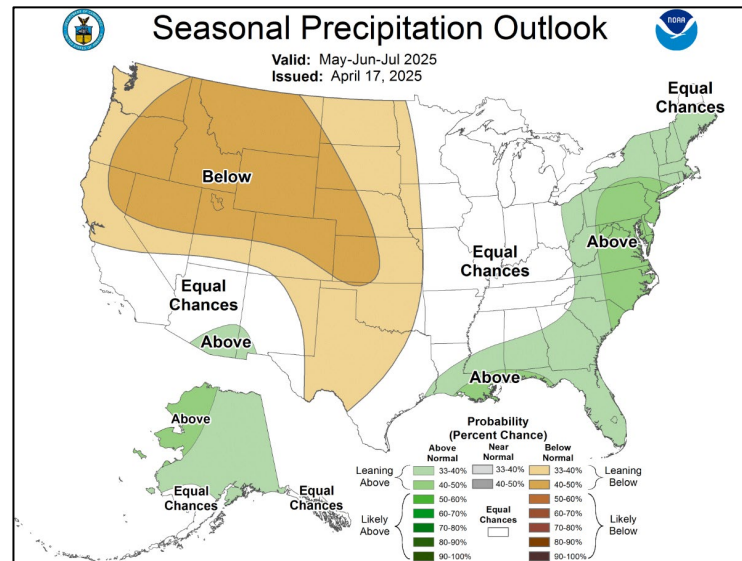
Seasonal Temperature Outlook

Valid: May-Jun-Jul 2025
Issued: April 17, 2025



Seasonal Precipitation Outlook

Valid: May-Jun-Jul 2025
Issued: April 17, 2025



SPRING OUTLOOK (MAY – JUL)

- Neutral:** Temperatures will likely be **above average**, while precipitation is **below average** for the next three months.

Data from: <https://www.cpc.ncep.noaa.gov/>

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