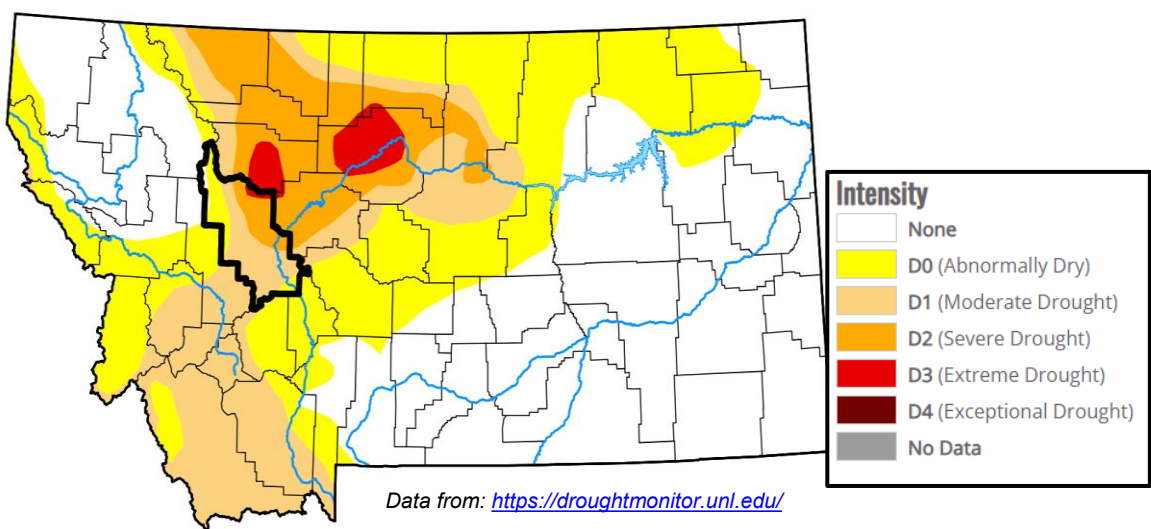


UPPER MISSOURI WATER SUPPLY REPORT

JANUARY 2, 2026



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



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

OVERALL DROUGHT

- Nearly half of L&C county is in **D1 (48%)**.
- Drought conditions are improving following above normal precip.

RESERVOIR STORAGE

- Canyon Ferry is **78%** full, **94%** of the 30-year average.

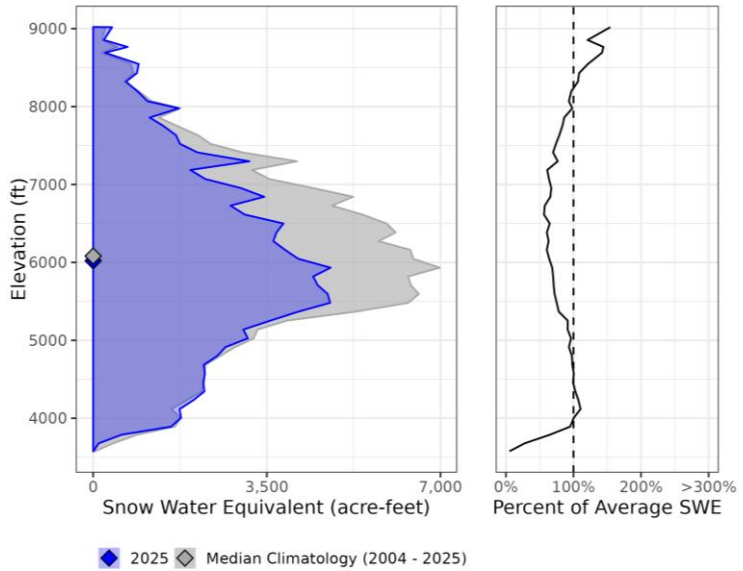


SNOWPACK AND PRECIPITATION

- Snowpack across four SNOTEL sites in the Upper Missouri is at the **54% percentile** relative to the 1991-2020 period.
- Snowpack conditions vary by elevation, with slightly **above average** at **high elevations** (above 8,000 ft) and **below average** at **lower elevations** (4,000-8,000 ft).
- This trend is shown as the lower-mid elevation sites (Frohner Meadow and Tizer) are well below typical levels, while higher-elevation sites (Nevada and Boulder) have significantly more snow.
- December was wetter than usual with 0.65 inches of precipitation being well above the typical range (AgriMet).

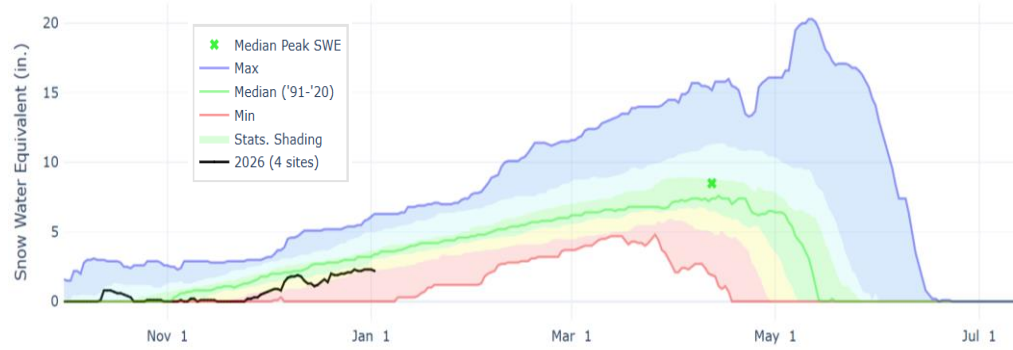
Data from:
https://www.usbr.gov/gp/agrimet/station_HVMT.html

Hypsom-SWE for Upper Missouri (HUC8: 10030101)
2025-12-31 (76% of Normal)



Frohner Meadow

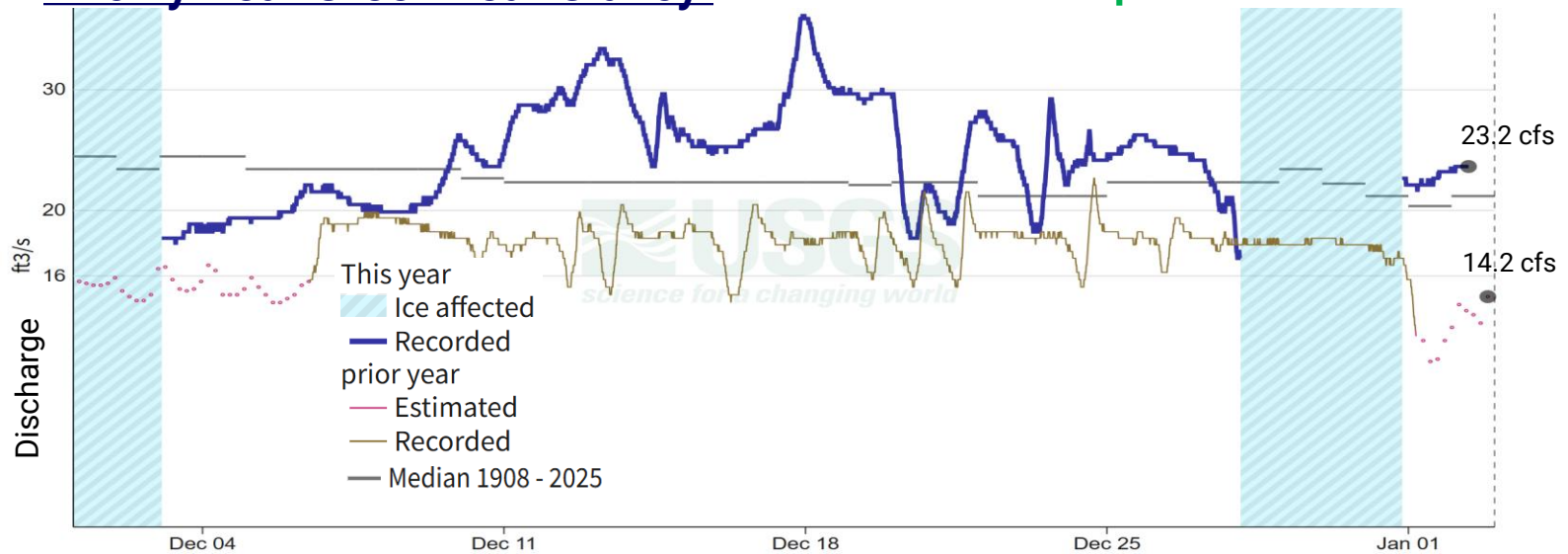
Data from: <https://drought.climate.umd.edu/>



Data from: <https://nwcc-apps.sc.egov.usda.gov/basin-plots/#MT>

STREAMFLOW

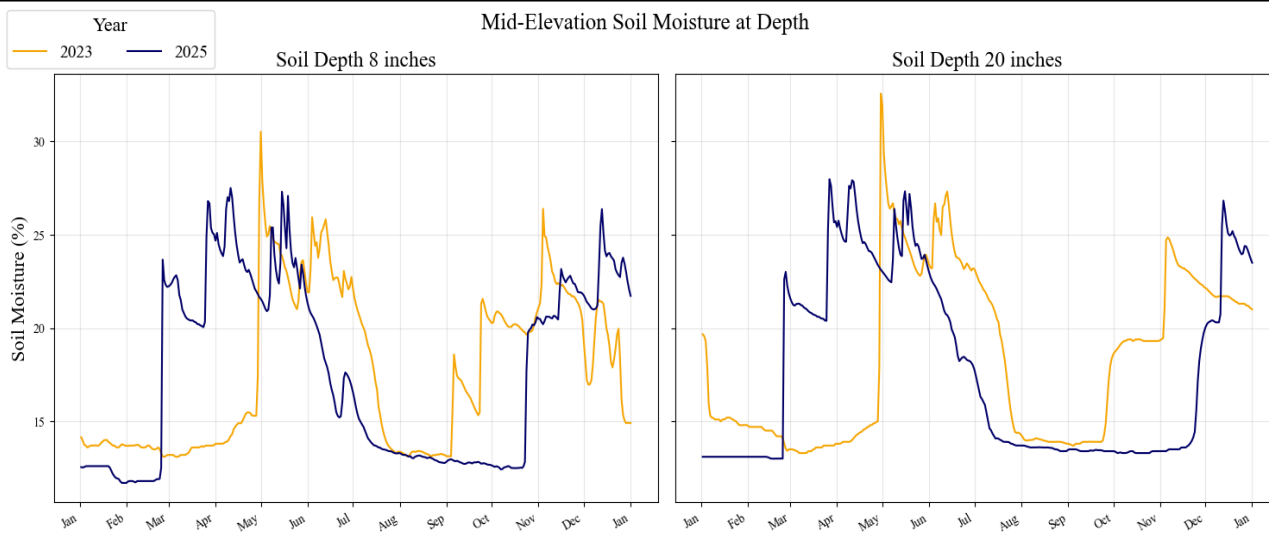
Prickly Pear Creek near Clancy: Just above the 50th percentile



- Consistent precipitation throughout the month has kept streamflow above average for Tenmile and PPC with minimal ice affect.

Data from: <https://waterdata.usgs.gov/monitoring-location/06061500/#dataTypeId=continuous-00060-0&startDT=2024-01-01&endDT=2025-06-09>

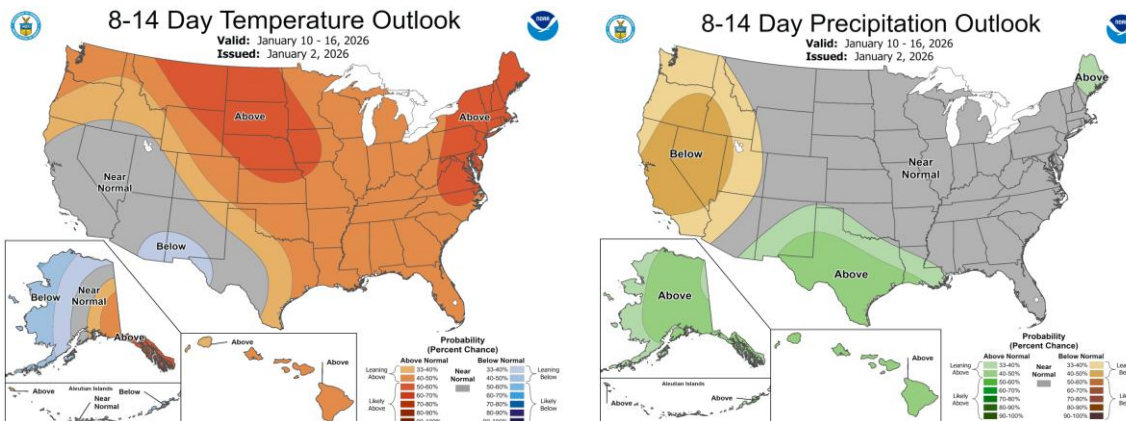
SOIL MOISTURE



- Soils at mid elevation are holding moisture despite lower snowpack showing that precip is being stored.
- Soil moisture compared to 2023 due to similar climate.

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

JANUARY WEATHER OUTLOOK



- Predicted **warmer temps** and **typical precipitation** with a chance of more precip near the end of the month.

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