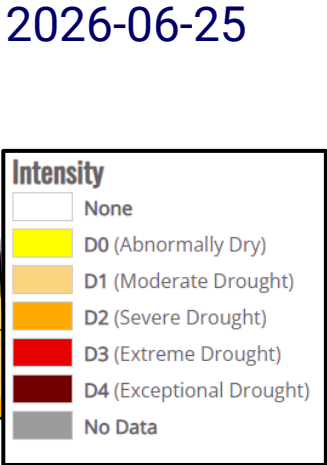
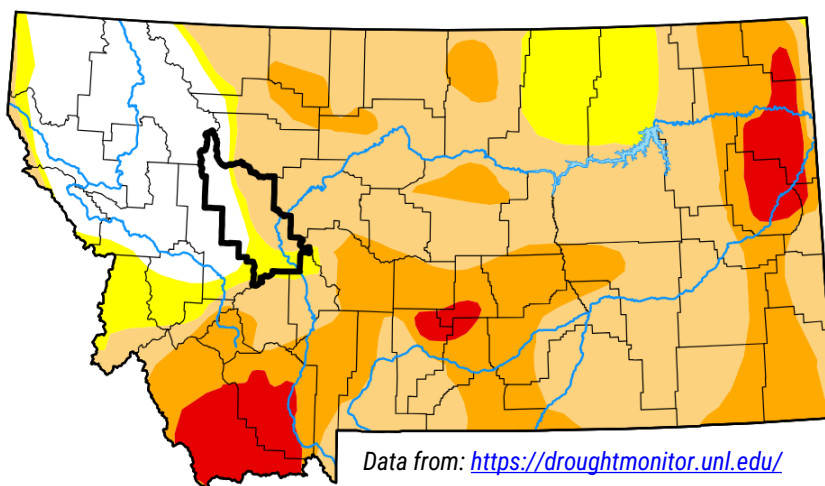


# UPPER MISSOURI WATER SUPPLY REPORT JULY 2, 2026



The Montana Department of Natural Resources & Conservation



**OVERALL DROUGHT**

- Large shift to **no drought conditions (36%)** across most of the county with the rest being **D0 (27%)** and **D1 (38%)**.

**RESERVOIR STORAGE**

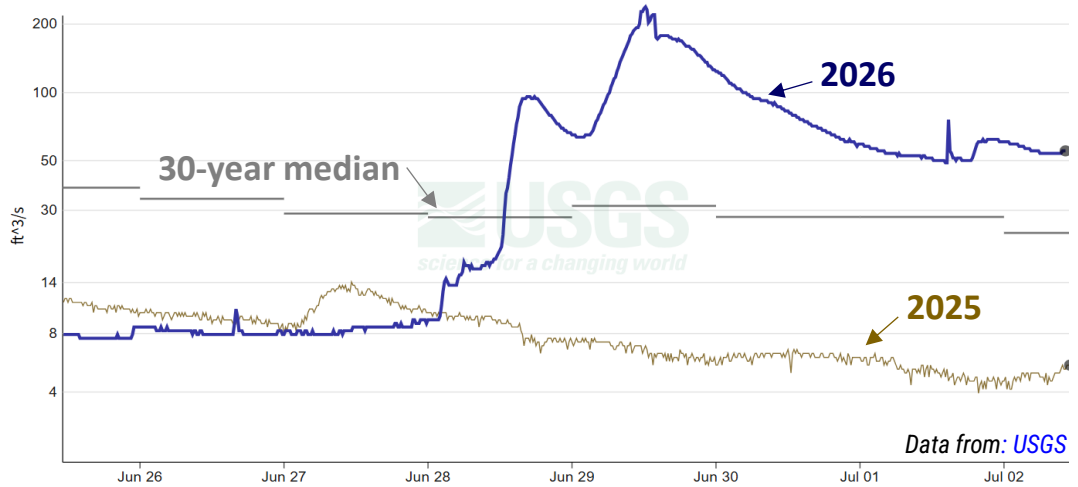
- Canyon Ferry is **87%** full, **88%** of the 30-yr average.



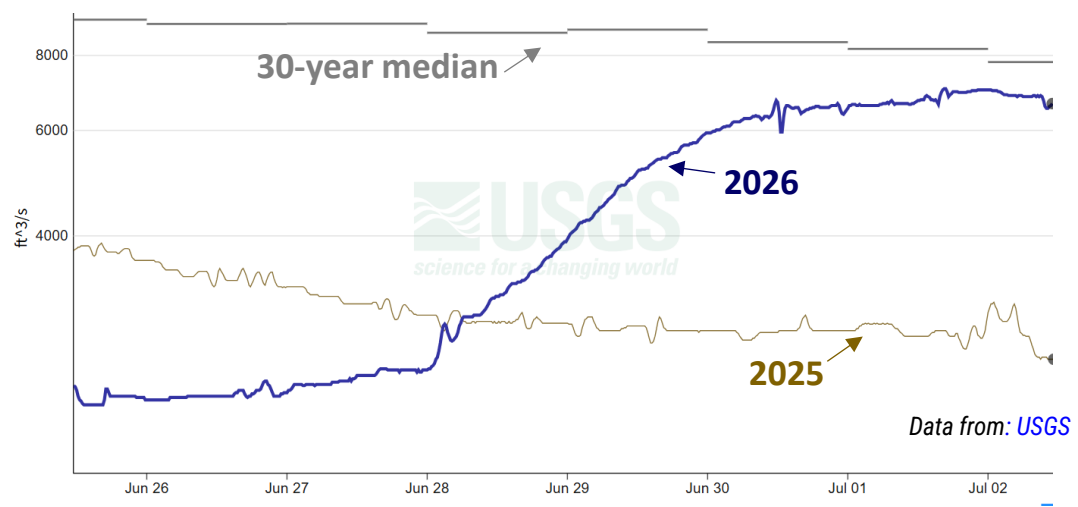
## STREAMFLOW

- Streamflow increased due to the recent rainfall but starting to drop in smaller drainages like Tenmile and Prickly Pear Creek (PPC). The Missouri River is starting to level off.
- Within the Helena Valley, streamflow at both Tenmile Creek sites (Rimini and Helena) are **near the 75th percentile**.
- PPC is just **below the median (50th percentile)**, while the Missouri River at Toston is also just **below the median**.
- Although recent rainfall caused streamflow to spike, flows are returning to near-normal conditions. Flooding potential remains low to moderate, with no significant rainfall forecasted over the next week.

### Tenmile Creek near Helena: below the 75th percentile



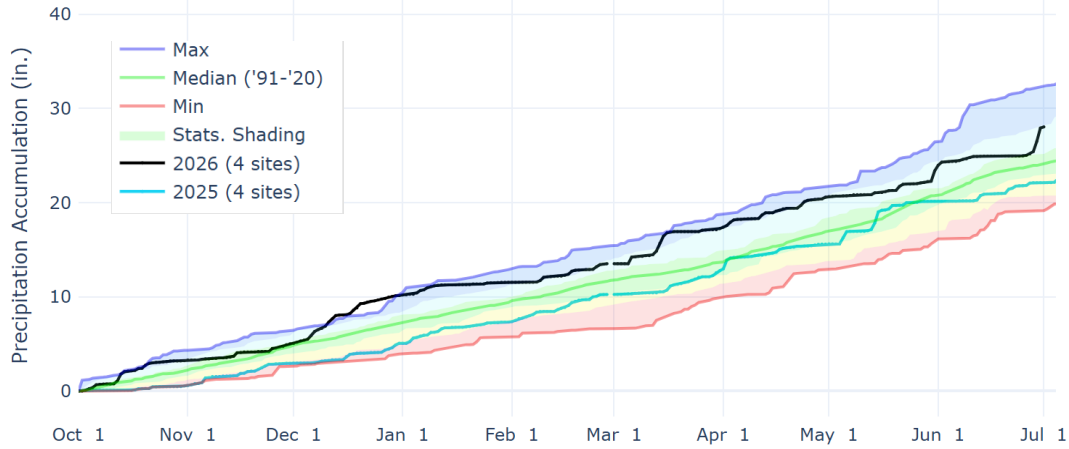
### Missouri River at Toston: below the 50th percentile



# SNOWPACK AND PRECIPITATION

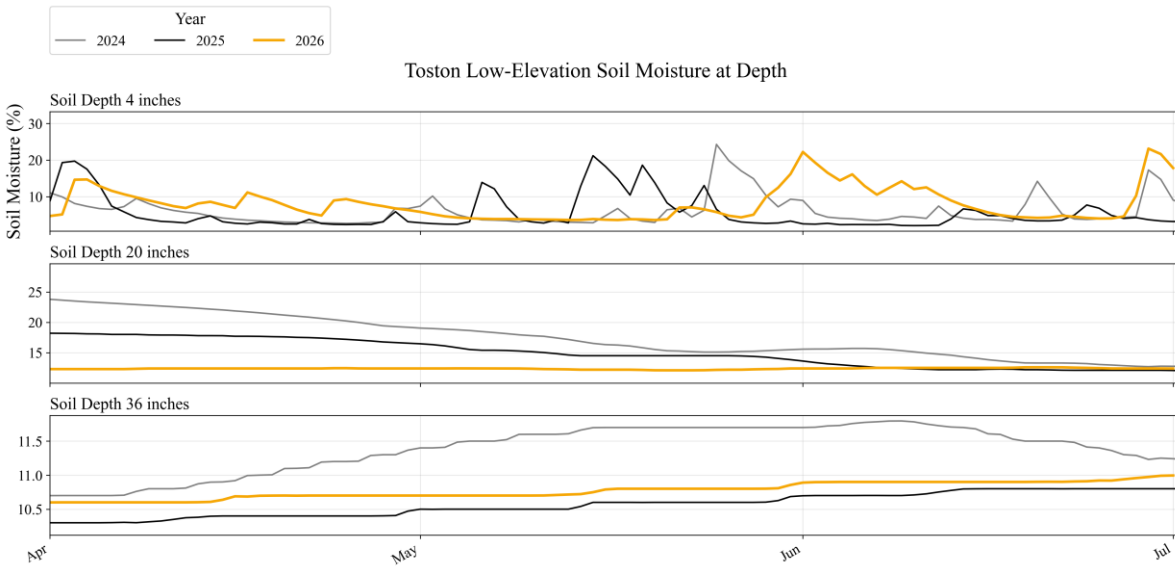
- Little to no snowpack remains in the Helena Valley.
- Helena precipitation in June (**2.19 inches**) exceeded the 30-yr median (**1.84 inches**; AgriMet). Nearly 80% of the rain fell within the last five days of the month (**1.74 inches**).
- Recent rainfall increased the total water-year precipitation to the **89th percentile**.

## Helena Valley Total Precipitation



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

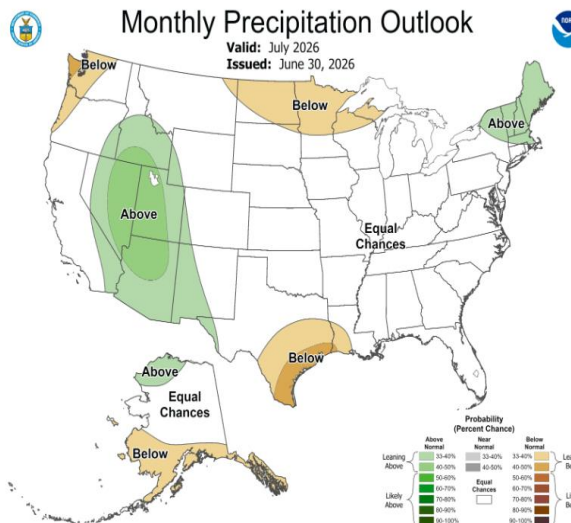
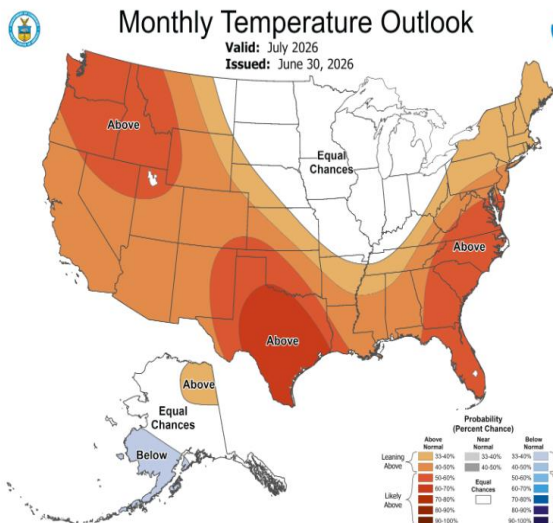
# SOIL MOISTURE



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

- Recent rains increased shallow soil moisture (4 inch) .
- Soil moisture at 20 inches remains steady and comparable to the last two years.
- Soil moisture at 36 inches continues to increase as rainfall infiltrates deeper into the soil profile.

# JULY WEATHER OUTLOOK



- Following a cooler and wetter June that improved water supply conditions, warmer and drier weather is expected in July.

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

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