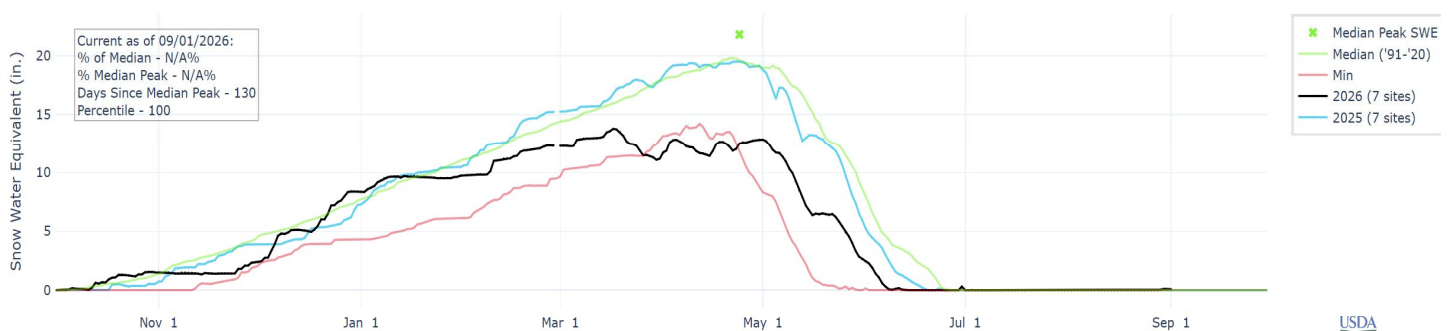


Gallatin Water Supply Outlook

August 2026



SNOWPACK SUMMARY (Water Year (WY) = October 1st—September 30)

*Data current as of 9/1/2026

We are entering the end of Water Year 2026 (black line). The Snow Water Equivalent (SWE) was at slightly above normal (median, green line) within the Gallatin River Basin on August 31st, 2026 at 0.1 inches (a 0.1 increase since last month). Last year, on August 31st, 2025, the SWE was at 0.0 inches (central blue line). Detailed end-of-month SNOTEL site information follows.

Snowpack Data

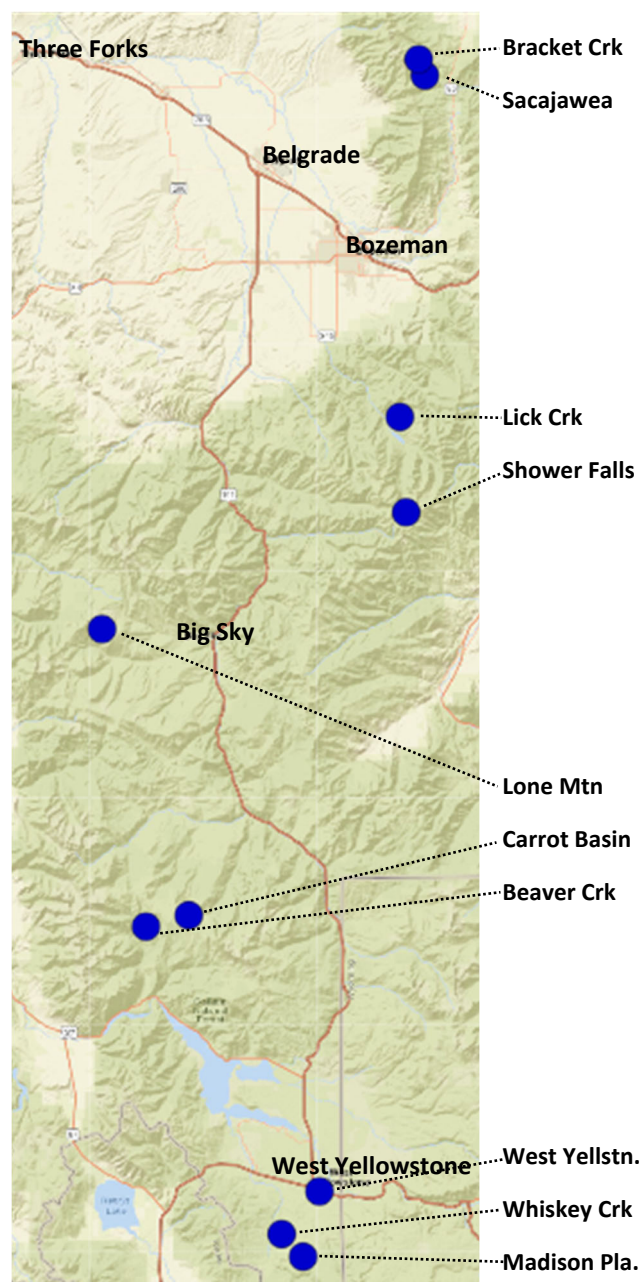
Gallatin River Basin—August 2026

Gallatin Valley Region (Bozeman-Belgrade-Four Corners)					
Station Name	Date	Snow Depth (in)	SWE (in)	SWE % Normal	Normal SWE 1971-2000 (in)
Brackett Creek	Aug. 2025	0	0.0	-	0.0
	Aug. 2026	0	0.1	-	
Sacajawea	Aug. 2025	0	0.0	-	0.0
	Aug. 2026	-	0.0	-	

Hyalite Region (Gallatin Gateway)					
Station Name	Date	Snow Depth (in)	SWE (in)	SWE % Normal	Normal SWE 1971-2000 (in)
Lick Creek	Aug. 2025	0	0.0	-	0.0
	Aug. 2026	0	0.0	-	
Shower Falls	Aug. 2025	0	0.0	-	0.0
	Aug. 2026	0	0.0	-	

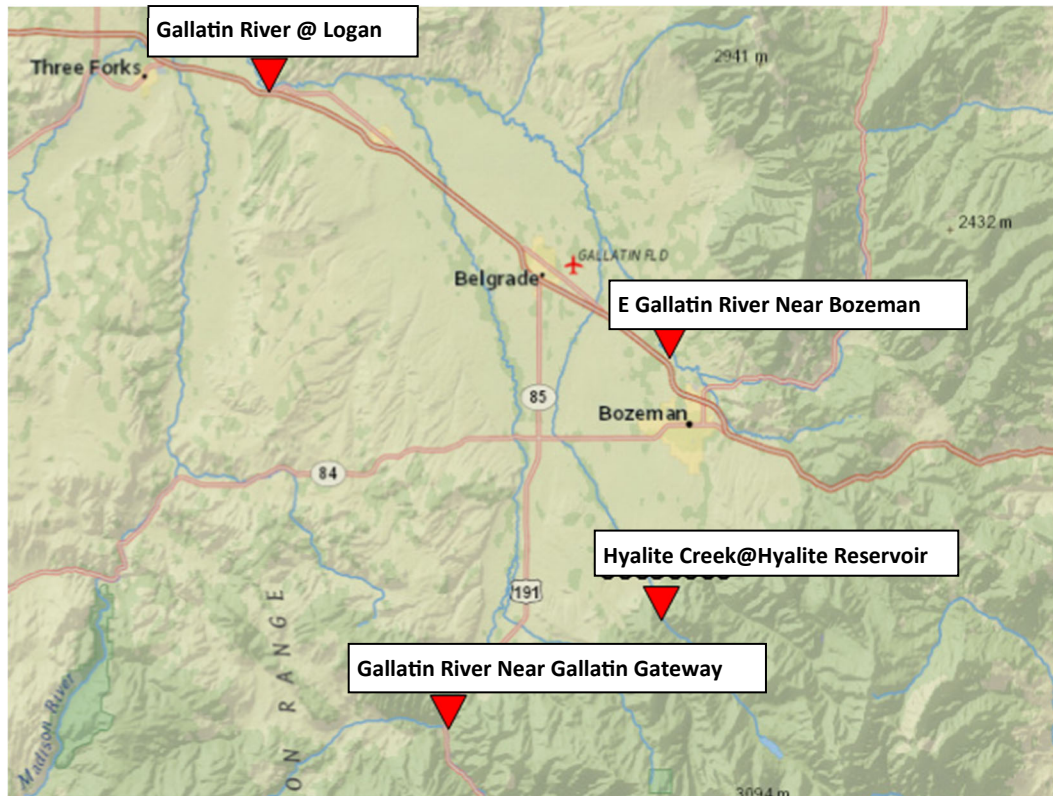
Lee Metcalf Wilderness Region (Big Sky)					
Station Name	Date	Snow Depth (in)	SWE (in)	SWE % Normal	Normal SWE 1971-2000 (in)
Beaver Creek	Aug. 2025	0	0.0	-	0.0
	Aug. 2026	0	0.1	-	
Carrot Basin	Aug. 2025	0	0.0	-	0.0
	Aug. 2026	0	0.2	-	
Lone Mountain	Aug. 2025	0	0.0	-	0.0
	Aug. 2026	0	0.1	-	

West Yellowstone Region					
Station Name	Date	Snow Depth (in)	SWE (in)	SWE % Normal	Normal SWE 1971-2000 (in)
Madison Plateau	Aug. 2025	0	0.0	-	0.0
	Aug. 2026	0	0.0	-	
West Yellowstone	Aug. 2025	0	0.0	-	0.0
	Aug. 2026	0	0.4	-	
Whiskey Creek	Aug. 2025	0	0.0	-	0.0
	Aug. 2026	0	0.0	-	



Streamflow Data

Gallatin River Basin—August 2026



August 31st 2026 Gallatin Watershed Streamflow					
Station Name	2026 Discharge (cfs)	% Normal	Normal Discharge (cfs)	2025 Discharge (cfs)	Period Of Record (Yrs)
Gallatin at Logan	440	89	492	466	110
E Gallatin near Bozeman	43.9	101	43.3	41.1	11
Hyalite Creek at Hyalite Reservoir	47.2	94	50	58.1	80
Gallatin near Gallatin Gateway	408	83	493	430	97

STREAMFLOW SUMMARY *Data current as of 9/1/26

The Gallatin at Logan, Hyalite Creek, and Gallatin near Gallatin Gateway sites have below normal discharge values, while the E Gallatin near Bozeman site had a discharge value just above normal.

The Gallatin at Logan, Hyalite Creek, and Gallatin near Gallatin Gateway sites have discharge values below what they were last year. The Gallatin near Bozeman site has a discharge value just above the value for this time last year.

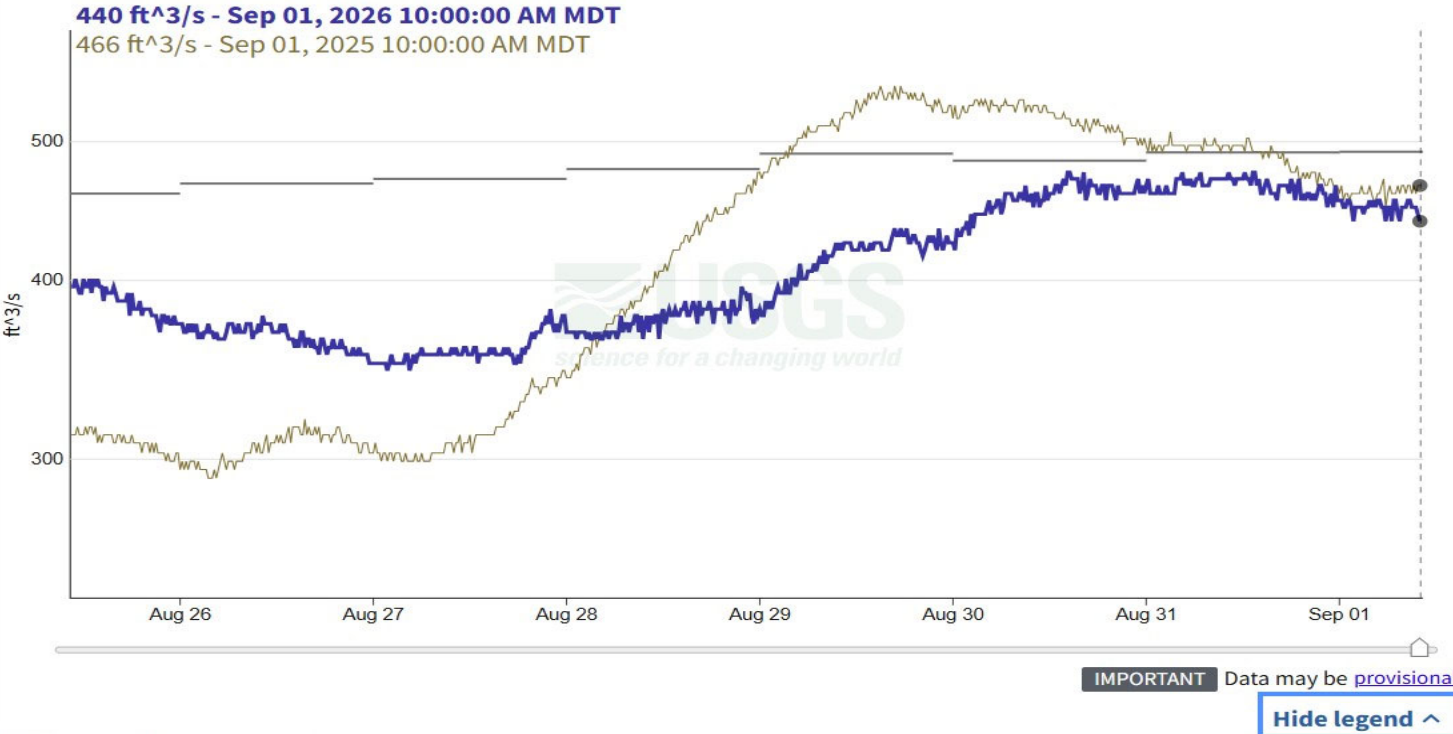
Streamflow Data

Gallatin River at Logan MT - USGS-06052500

Subscribe to WaterAlert

Gallatin River Basin—August 2026

August 25, 2026 - September 1, 2026
Discharge, cubic feet per second



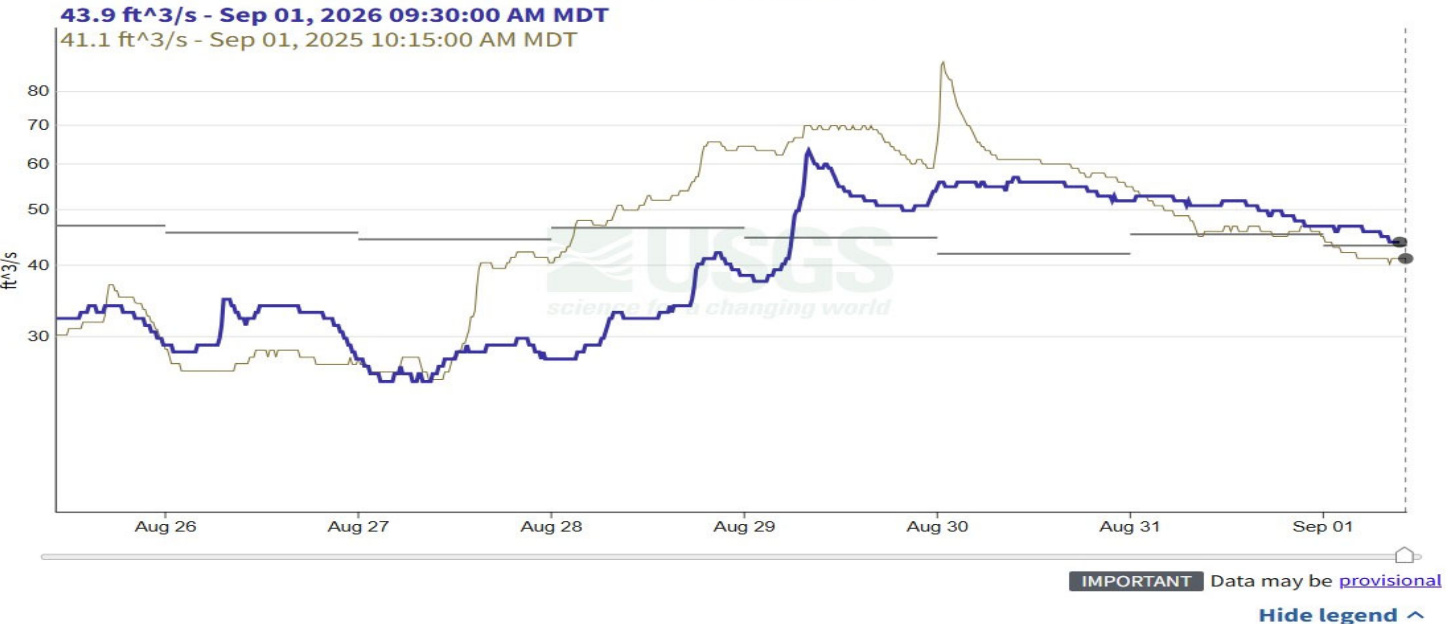
Discharge, cubic feet per second
This year
— Recorded
Prior year
— Recorded
— Median 1893 - 2026

Discharge data is below normal.

E Gallatin R ab Water Reclamation Fa nr Bozeman MT - USGS-06048650

Subscribe to WaterAlert

August 25, 2026 - September 1, 2026
Discharge, cubic feet per second



Discharge, cubic feet per second
This year
— Recorded
Prior year
— Recorded
— Median 2014 - 2026

Discharge data is above normal.

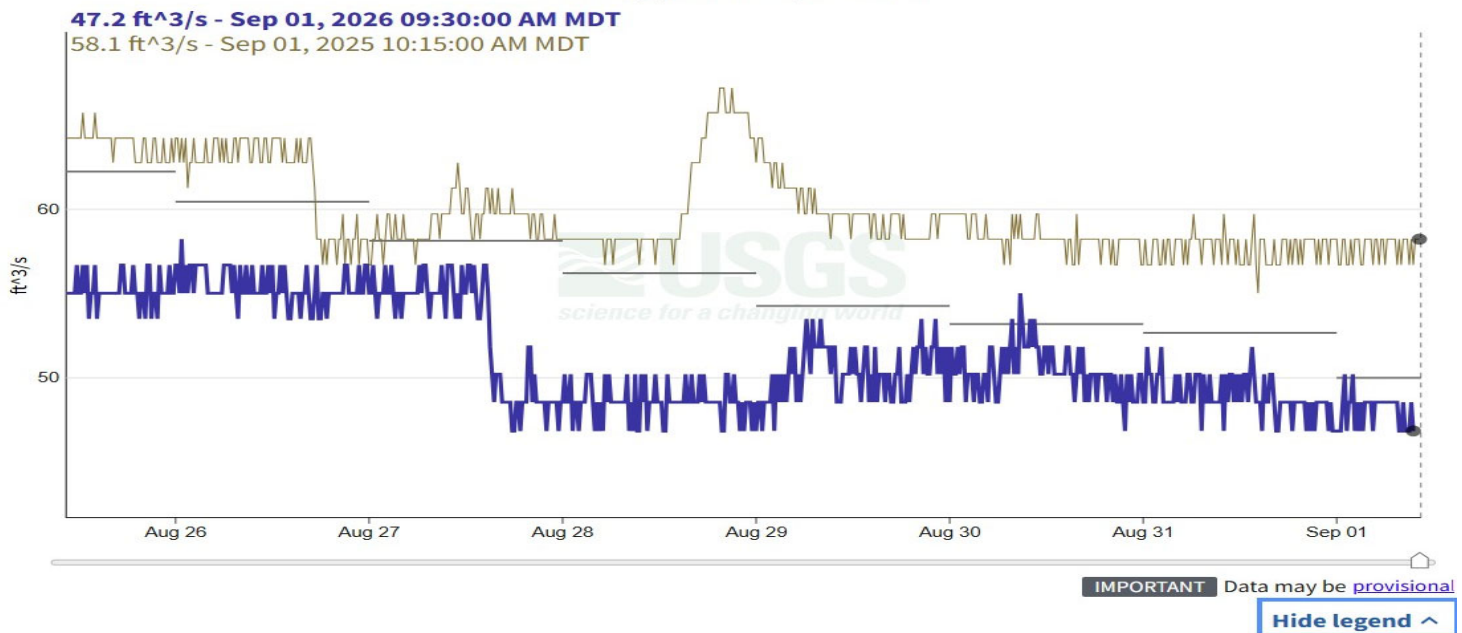
Streamflow Data

Gallatin River Basin—August 2026

Hyalite C at Hyalite R S nr Bozeman MT - USGS-06050000

[Subscribe to WaterAlert](#)

August 25, 2026 - September 1, 2026
Discharge, cubic feet per second



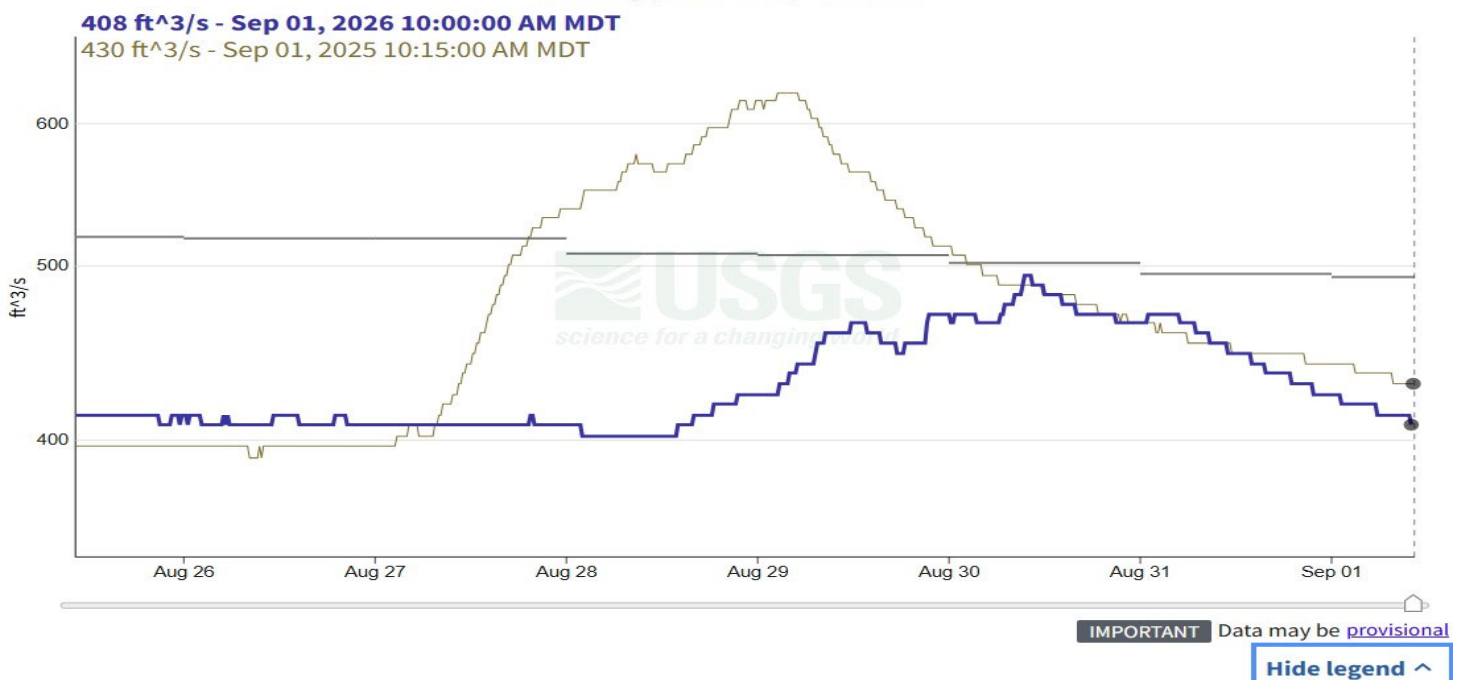
Discharge, cubic feet per second
This year
— Recorded
Prior year
— Recorded
— Median 1895 - 2026

Discharge data is below normal.

Gallatin River near Gallatin Gateway, MT - USGS-06043500

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August 25, 2026 - September 1, 2026
Discharge, cubic feet per second

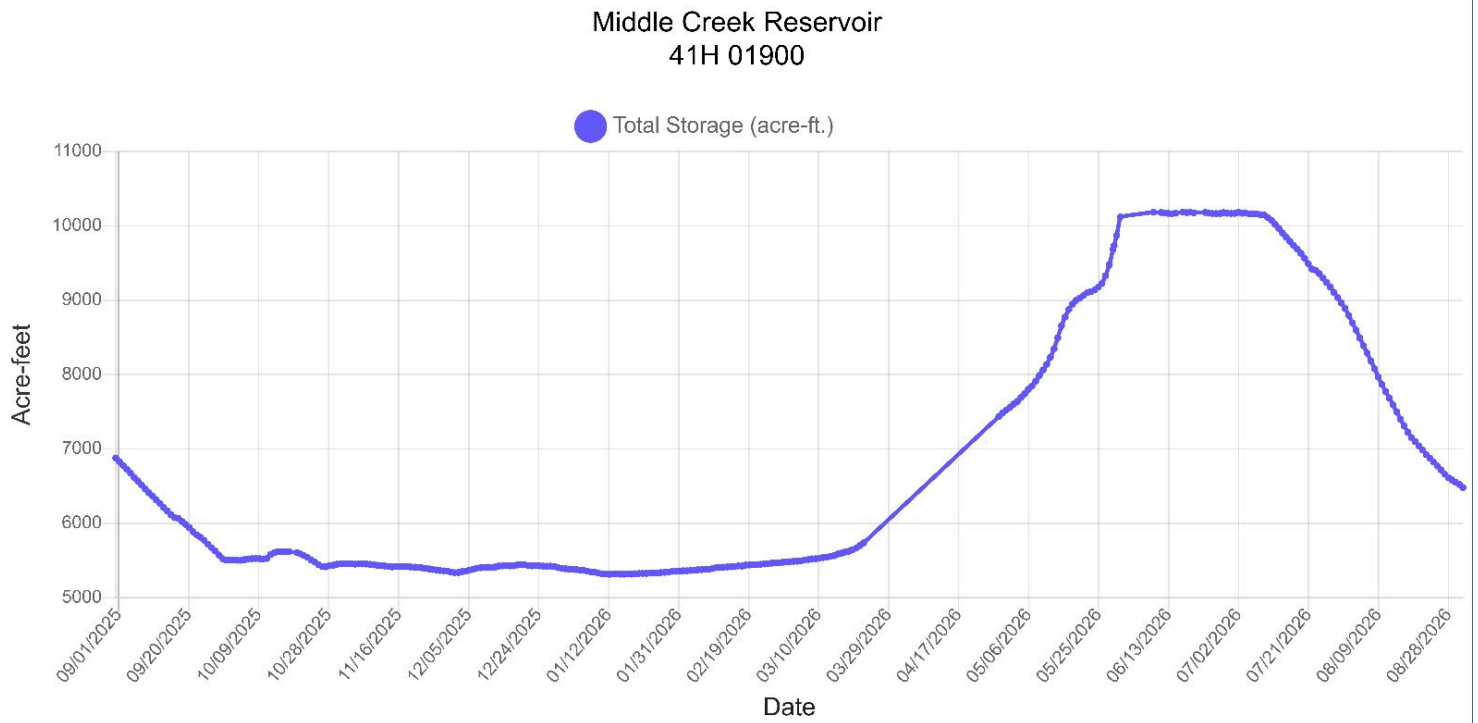


Discharge, cubic feet per second
This year
— Recorded
Prior year
— Recorded
— Median 1889 - 2026

Discharge data is below normal.

Water Storage Data

Middle Creek Dam, Hyalite Reservoir—August 2026



County	Lat/Lon	Spillway Elevation
Gallatin	45.488, -110.975	6721.0 ft.

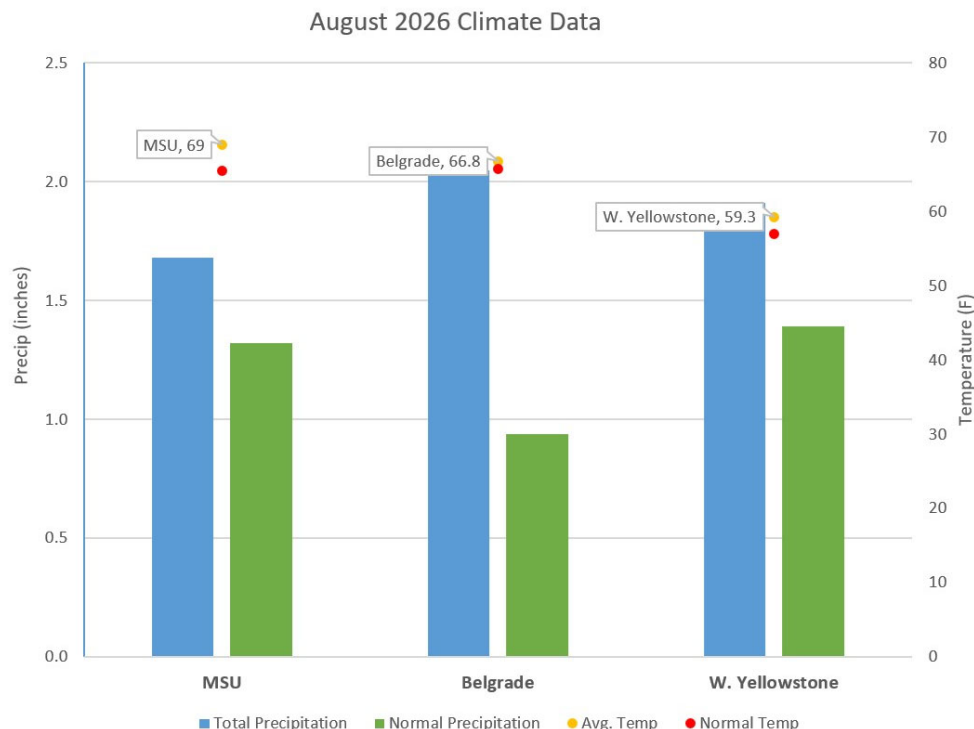
Most Recent Readings		
Sensor	Value	Time
Storage	6481.73 Acre-ft	8/31/2026, 10:00 PM
Elevation	6703.47 ft	8/31/2026, 10:00 PM

RESERVOIR SUMMARY *Data current as of 9/1/26

Middle Creek Dam Reservoir elevation is 6,703.47 ft, which is 17.53 ft below the principal spillway crest (6,721 ft). The reservoir elevation has decreased by 11.93 ft since August 1st, 2026 (date of last relevant WSO report). Reservoir volume is 6,481.73 acre-ft, which is 2,360.27 acre-ft less than on August 1st, 2026.

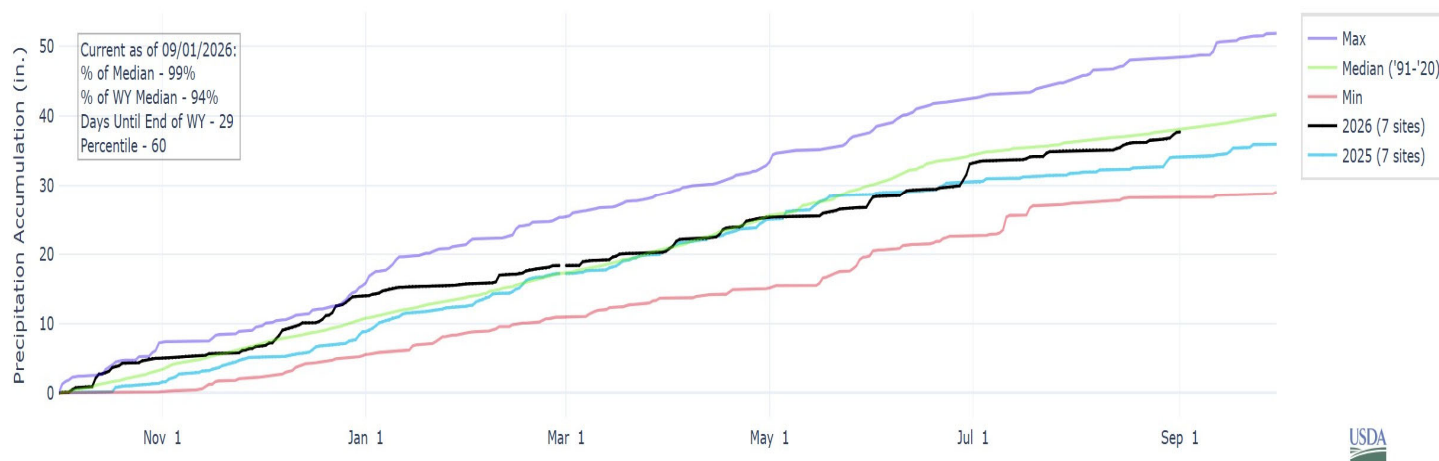
Climate Data

Gallatin County—August 2026



Above graph depicting ACIS climate data representing the entire month of August 2026.

PRECIPITATION ACCUMULATION IN GALLATIN



TEMP & PRECIP SUMMARY (Water Year (WY) = October 1st—September 30)

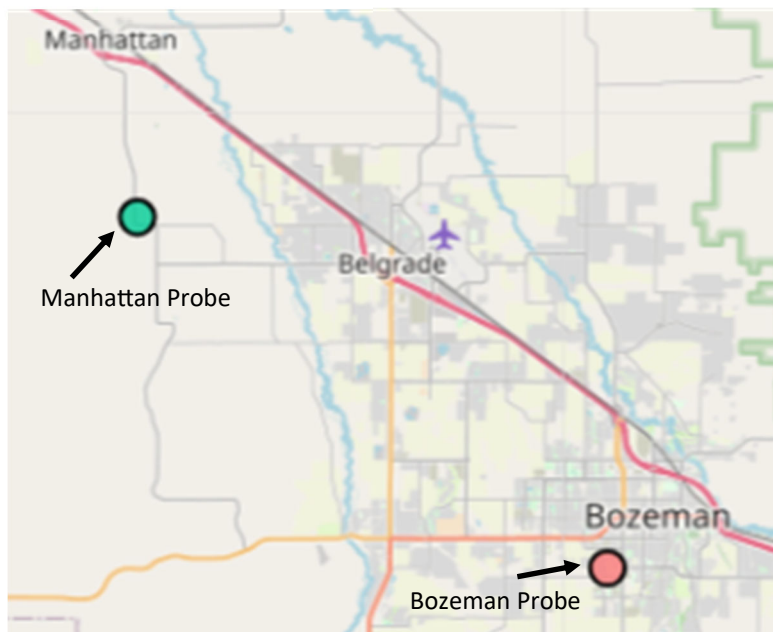
*Data is current as of 9/1/2026

Average temperatures have decreased at all sites since July 2025. All sites have had above normal temperatures for this time of year. All sites experienced above normal precipitation in August 2026 (ACIS graph).

We are currently in Water Year 2026 (black line). The total accrued precipitation for the Gallatin River Basin as of August 31st, 2026 is just below normal (median, green line) at 37.6 inches (USDA graph). The total accrued precipitation for WY 2025 on August 31st, 2025 was 34.1 inches (central blue line).

Soil Moisture Data

Mesonet Stations—August 2026



Manhattan Soil Probe Depth (in)	Soil Temp (°F)	Soil Water Content (%)
8" - Surface	60.44	17.0
20" - Shallow rooting	61.88	7.8
36" - Deep Rooting	59.54	16.3

Bozeman Soil Probe Depth (in)	Soil Temp (°F)	Soil Water Content (%)
4" - Surface	59.18	9.8
8" - Shallow rooting	61.34	11.1
20" - Deep Rooting	62.24	17.1

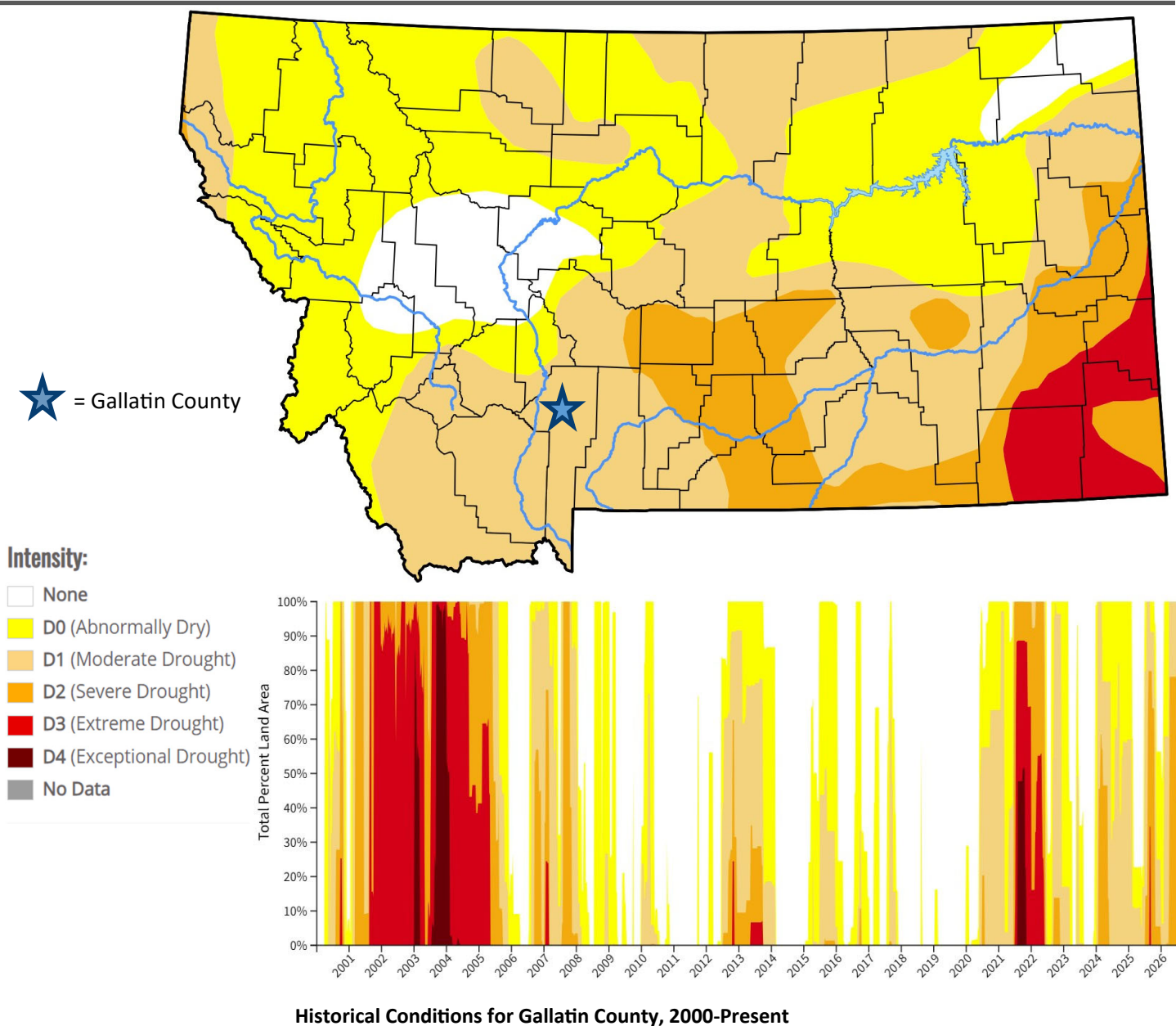
SOIL MOISTURE SUMMARY *Data current as of 9/1/26

Since July 2025, at the Manhattan station the soil temperature has decreased at the surface while increasing at 20" and 36" depths. Soil Water Content has decreased at all depths since last month.

Since July 2025, at the Bozeman station the soil temperature has decreased at 4" and 8" depths while increasing at the 20" depth. Soil water content has decreased at all depths.

Drought Index Data

Gallatin County— August 2026



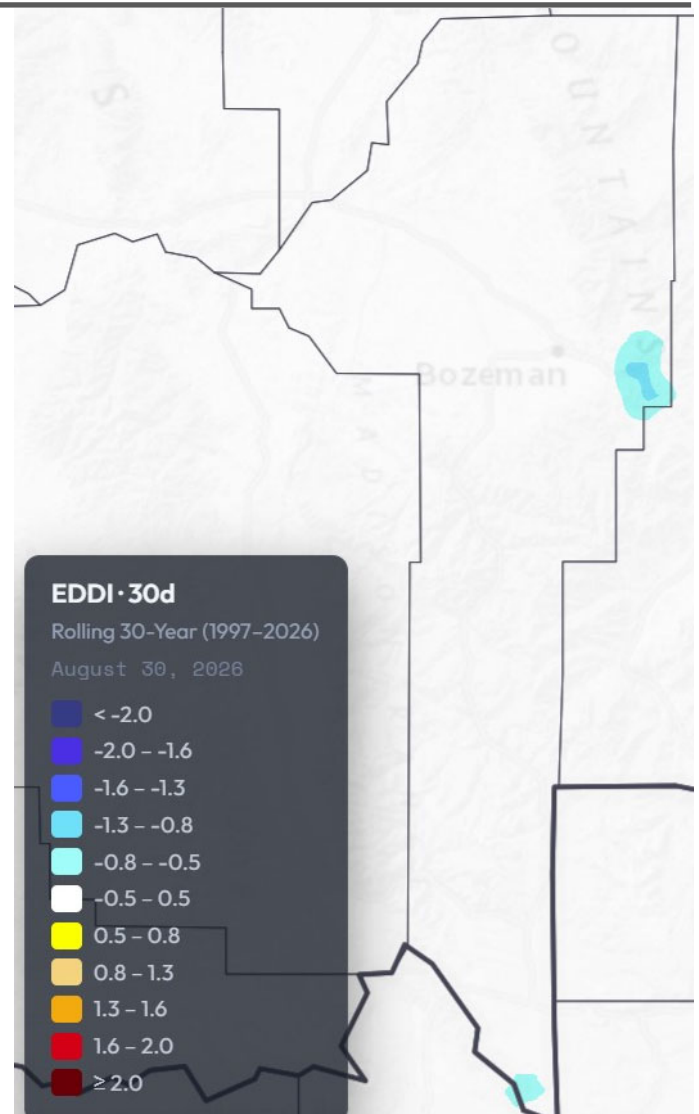
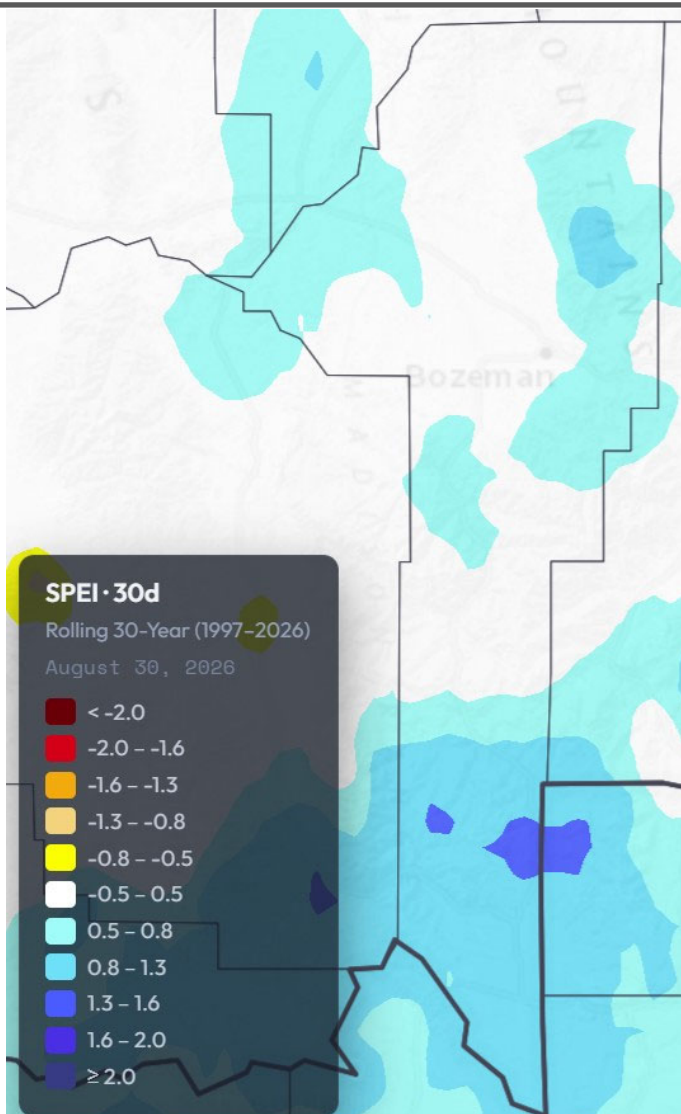
DROUGHT INDEX SUMMARY *Data is current as of 8/27/2026

100% of Gallatin County is experiencing Moderate Drought conditions. Impacts include feeding livestock supplemental hay, crops are stressed, and growth is poor. Fire restrictions may be implemented.

Help ground truth information with the MT Drought Impact Reporter! Submit reports anytime of year, wet or dry! <https://survey123.arcgis.com/share/9256e9943a964af5ad7e0280e1407712>

Standardized Precipitation Evapotranspiration Index

Evaporative Demand Drought Index



SPEI & EDDI Overview *Data is current as of 8/30/26

The maps above show the current Standardized Precipitation Evapotranspiration Index (SPEI, Left) and Evaporative Demand Drought Index (EDDI, Right) for August 2026.

SPEI takes into account both precipitation and potential evapotranspiration to describe the wetness (positive blue values) or dryness (negative red values) of a time period. SPEI has been calculated for August 2026 to represent drought impacts on hydrological conditions for the past 30 days. SPEI incorporates the important effect of atmospheric demand on drought.

EDDI has examined how deviated from normal the atmospheric evaporative demand is for Gallatin County in August 2026. EDDI is an experimental drought monitoring and early warning guidance tool. EDDI can offer early warning of agricultural drought, hydrologic drought, and fire-weather risk. Positive (red) values represent dryness categories, while negative (blue) values represent wetness categories.

Gallatin County Water Supply Outlook

Source Information & Helpful Links

Gallatin Conservation District:

- [Archive of Water Supply Outlook Reports](#)
- [Living by the Water](#)
- [310 Permit Forms & Info](#)

Snowpack:

- [USDA / NRCS Interactive Map](#)
- [Montana Snow Survey Homepage](#)
- [NRCS / NWCC National Water & Climate Center](#)
- [Standardized Snow Water Equivalent \(SWE from SNODAS & Hypsometric –SWE](#)

Streamflow:

- [USGS Real Time Streamflow](#)
- [State of Montana Gaging Stations](#)
- [DNRC Water Right Query System](#)

Water Storage:

- [DNRC Water Projects—Middle Creek Real Time Data](#)
- [Middle Creek Early Warning System](#)
- [BOR—Montana Lakes and Reservoirs](#)

Climate:

- [ACIS Database](#)
- [NRCS Montana Current Conditions](#)
- [Montana Snow Survey Homepage](#)
- [US Climate Data](#)

Soil Moisture:

- [Montana Mesonet](#)
- [DNRC Drought Status by County](#)

Drought:

- [US Drought Portal](#)
- [US Drought Monitor](#)

SPEI & EDDI:

[Standardized Precipitation Evapotranspiration Index](#)
[Evaporative Demand Drought Index](#)

Helpful Partner Websites:

- [Department of Natural Resources & Conservation](#)
- [Gallatin County MSU Extension Office](#)
- [Gallatin Local Water Quality District](#)
- [Gallatin River Task Force](#)
- [Gallatin Watershed Council](#)
- [Montana Fish, Wildlife, & Parks](#)
- [Montana Natural Resource Conservation Services](#)
- [Association of Gallatin Agricultural Irrigators](#)