



Natural Resources Conservation Service

U.S. DEPARTMENT OF AGRICULTURE

SHERIDAN COUNTY SNOWPACK REPORT March 1, 2025

The March 1st, 2025, Sheridan County Snowpack Report arrived with mild weather and above normal temperatures. Snow-water content in the northern Bighorns this March remains significantly higher than a year ago though the southern Bighorns are more or less similar to 2024 snow-water levels. Snowpack water content on the eastern Bighorns ranged widely March 1st with data from 61% to 120% of 30-year medians. The Tongue River drainage averages near median, at 94% based on combined manually collected snow-course data and Snotel remote-site data, while the Clear Creek drainage composite snow-course and Snotel data is much lower with average basin-wide snow-water at 65% of median. Looking at the entire Powder River basin, including Clear Creek, Snotel data alone averaged a bit higher at 77% of median.

March 1st Snotel data across Wyoming indicate the State’s western and central river basins near median, while the eastern basins in the State are generally below normal. The Green River and Snake River basins in western Wyoming were the highest in the State, both at 108% of 30-year median. The South Platte basin, in the extreme southeast, had the State’s lowest percent of median snow-water at 47% of median.

Manual snow course data in this report were collected February 24th to 27th. Snotel data is as reported, end-of-day, on February 28th. As reminder, Snotel data collectors are permanent, remote sites collecting and transmitting real-time snow-water content and precipitation data via satellite link across the West. Daily data from these sites, as well as other water supply-related reports and products can be accessed through the Wyoming Snow Survey and Water Supply link on the Wyoming NRCS Homepage at <https://www.nrcs.usda.gov/conservation-basics/conservation-by-state/wyoming>

Site	Site Elevation	Observed Snow Depth (Inches)	Observed Snow Water Content (Inches)	30 year Median Water Content (Inches)	2025 Observed as % of Median	2025 Observed as % of Last Year
Tongue River Drainage						
North Tongue Snow Course	8450'	37	9.3	10.3	90%	190%
Sawmill Divide Snow Course	9260'	38	9.3	10.2	91%	121%
Woodrock Snow Course	8440'	29	6.7	7.8	86%	203%
Bald Mountain Snotel	9380'	60	16.9	15.1	112%	161%
Big Goose Snotel	7990'	21	4.9	6.2	79%	120%
Bone Springs Snotel	9350'	45	12.1	13.0	93%	129%
Burgess Junction Snotel	7880'	34	8.4	8.4	100%	150%
Dome Lake Snotel	8880'	30	6.9	9.0	77%	*
Sucker Creek Snotel	8880'	10	9.0	9.9	91%	122%
Tie Creek Snotel	6870'	18	5.4	4.5	120%	338%
* No Report - Error in 2024				Average:	94%	170%
Clear Creek Drainage						
Soldier Park Snow Course	8720'	12	3.2	4.4	73%	133%
Sourdough Snow Course	8460'	15	3.0	5.4	56%	65%
Cloud Peak Snotel	9860'	34	8.1	11.8	69%	84%
Hansen Sawmill Snotel	8360'	14	3.3	5.4	61%	94%
Powder River Pass Snotel	9480'	24	6.0	8.8	68%	120%
				Average:	65%	99%