



SHERIDAN COUNTY SNOWPACK REPORT
February 1, 2020

Sheridan County snowpack snow-water content is just above median for the first Sheridan County Snowpack Report of 2020. Snowpack water content across the eastern Bighorns is fairly consistent as of Saturday, February 1st; ranging from 91% of median to 122% of median. Snow-water in the Tongue River drainage is slightly above median, at 102%, based on composite Snotel and manually collected snow-course snow-water data. The Clear Creek drainage has somewhat higher snow-water at 110% of median, using the same composite of snow-course and Snotel data. Snotel data for the Powder River Basin indicates higher snow-water over the entire basin, including Clear Creek, at 120% of median. Both the Tongue River and Clear Creek watersheds have higher snowpack water content for the 1st of February than at the same time last year, when they were 95% and 89%, respectively. Snotel sites in the Tongue River and Powder River drainages report mixed Total Water Year to Date Precipitation with the Powder River basin above average, at 107%, while the Tongue River basin is below average at 82%, as of Saturday, February 1st.

Across Wyoming river basins, Snotel data indicate most basins were near median on February 1st. The Sweetwater basins held the lowest percent of median snow-water in the State, at 73% of median, while the Lower North Platte River basin was the highest in the State at 139% of median.

Manual snow course data included in this report was collected January 28th to 31st. Snotel data in this report is as reported January 31st.

Snotel data collectors are permanent, remote sites that transmit real-time snow-water content and precipitation data via satellite link. Daily data from these sites, as well as other water supply-related reports and products can be accessed through the *Water* link under **Topics** on the Wyoming NRCS Homepage at www.wy.nrcs.usda.gov.

Site	Site Elevation	Observed Snow Depth (Inches)	Observed Snow Water Content (Inches)	30 year Median Water Content (Inches)	2020 Observed as % of Median	2020 Observed as % of Last Year
Tongue River Drainage						
North Tongue Snow Course	8450'	33	7.0	7.2	97%	113%
Sawmill Divide Snow Course	9260'	38	7.6	8.0	95%	103%
Woodrock Snow Course	8440'	29	5.2	5.4	96%	113%
Bald Mountain Snotel	9380'	53	13.2	10.8	122%	113%
Big Goose Snotel	7990'	23	4.8	4.9	98%	87%
Bone Springs Snotel	9350'	44	10.6	9.8	108%	126%
Burgess Junction Snotel	7880'	30	6.2	6.6	94%	103%
Dome Lake Snotel	8880'	32	6.2	6.8	91%	117%
Sucker Creek Snotel	8880'	33	7.7	7.0	110%	99%
Tie Creek Snotel	6870'	16	3.8	3.4	112%	112%
				Average:	102%	109%
Clear Creek Drainage						
Soldier Park Snow Course	8720'	18	3.2	2.8	114%	160%
Sourdough Snow Course	8460'	20	3.6	3.4	106%	129%
Cloud Peak Snotel	9860'	37	7.8	8.3	94%	94%
Hansen Sawmill Snotel	8360'	22	4.3	4.0	108%	116%
Powder River Pass Snotel	9480'	36	8.3	6.5	128%	132%
				Average:	110%	126%