



SHERIDAN COUNTY SNOWPACK REPORT
April 1, 2020

Sheridan County snowpack Snow Water Content is near median this week this April Fool’s Day. Snowpack water content ranges from 89% to 146% of median across the eastern Bighorns. Composite snow-water data from Snotel and manually collected snow-course sites indicate the Tongue River drainage snow water is just above median, at 105%. Clear Creek snow water is somewhat higher at 111% of median, from the same composite of snow-course and Snotel data. The entire Powder River Basin, including Clear Creek, indicates marginally higher snow-water, at 114% of median based on Snotel data in the basin. Tongue River and Powder River watersheds both have higher snowpack water content than this date last year, with percent of last year values at 135% and 128%, respectively. Total Water Year to Date Precipitation at Snotel sites in both basins is near average with the Tongue River sites at 93% of average and the Power River sites just above average at 103%.

Snotel data indicate most river basins across Wyoming were near or above median on April 1st. The Lower North Platte River basin is the highest in the State at 124% of median. The Sweetwater River basin is the lowest percent of median values in the State at 75% of median.

Snotel data included in this report was current on April 1st. Manual snow course data included in this report was collected March 26th to 30th.

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'	41	10.4	11.6	90%	133%
Sawmill Divide Snow Course	9260'	48	12.4	11.7	106%	135%
Woodrock Snow Course	8440'	36	8.4	9.1	92%	135%
Bald Mountain Snotel	9380'	66	16.6	18.6	89%	104%
Big Goose Snotel	7990'	31	8.6	8.7	99%	113%
Bone Springs Snotel	9350'	55	16.6	15.6	106%	134%
Burgess Junction Snotel	7880'	41	10.8	11.2	96%	133%
Dome Lake Snotel	8880'	47	13.0	11.4	114%	155%
Sucker Creek Snotel	8880'	44	13.0	11.4	114%	126%
Tie Creek Snotel	6870'	23	7.9	5.4	146%	180%
				Average:	105%	135%
Clear Creek Drainage						
Soldier Park Snow Course	8720'	23	5.2	4.6	113%	***
Sourdough Snow Course	8460'	31	7.0	6.4	109%	121%
Cloud Peak Snotel	9860'	51	13.8	14	99%	122%
Hansen Sawmill Snotel	8360'	27	7.3	6.3	116%	138%
Powder River Pass Snotel	9480'	42	11.9	9.9	120%	132%
*** No Measure 2019				Average:	111%	128%