



SHERIDAN COUNTY SNOWPACK REPORT
April 1, 2019

Sheridan County snowpack Snow Water Content is below median this week as spring seems to have arrived for most of Sheridan County. Snowpack water content ranges from 67% to 91% 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 below median, at 78%. Clear Creek snow water is somewhat higher at 86% 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 89% of median based on Snotel data in the basin. Tongue River and Powder River watersheds both have substantially lower snowpack water content than at this time last year, with percent of last year values at 79% and 65%, respectively. Total Water Year to Date Precipitation at Snotel sites in both basins are below average as well, at 74% each.

Across Wyoming Snotel data indicate most river basins were near or above median as of April 1st, with the southeastern basins being highest after the heavy snows last month. The Lower North Platte River basin is the highest in the State at 129% of median. The three north central basins, the Bighorn, Powder and Tongue hold the lowest percent of median values in the State, at 89%, 89% and 80% of median respectively.

Snotel data included in this report was current on April 1st. Manual snow course data included in this report was collected March 27th to 29th.

Snotel data collectors are permanent, remote sites that transmit real-time snow water content and precipitation data through a west-wide computer network. 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)	2019 Observed as % of Median	2019 Observed as % of Last Year
Tongue River Drainage						
North Tongue Snow Course	8450'	36	7.8	11.6	67%	74%
Sawmill Divide Snow Course	9260'	40	9.2	11.7	79%	67%
Woodrock Snow Course	8440'	30	6.2	9.1	68%	89%
Bald Mountain Snotel	9380'	56	15.9	18.6	85%	78%
Big Goose Snotel	7990'	28	7.6	8.9	85%	93%
Bone Springs Snotel	9350'	48	12.4	15.9	78%	66%
Burgess Junction Snotel	7880'	32	8.1	11.3	72%	82%
Dome Lake Snotel	8880'	42	8.4	11.5	73%	57%
Sucker Creek Snotel	8880'	37	10.3	11.4	90%	94%
Tie Creek Snotel	6870'	13	4.4	5.4	81%	90%
				Average:	78%	79%
Clear Creek Drainage						
Soldier Park Snow Course	8720'	No Measure	No Measure	4.6	XX	XX
Sourdough Snow Course	8460'	27	5.8	6.4	91%	73%
Cloud Peak Snotel	9860'	45	11.3	14.1	80%	72%
Hansen Sawmill Snotel	8360'	21	5.3	6.3	84%	60%
Powder River Pass Snotel	9480'	32	9	10	90%	55%
				Average:	86%	65%