



SHERIDAN COUNTY SNOWPACK REPORT
February 1, 2019

Snow water content of Sheridan County snowpack is slightly below median for the first Sheridan County Snowpack Report of 2019. Snowpack water content varies across the eastern Bighorns; ranging from 71% of median to 112% of median. As a whole, the Tongue River drainage snow water is slightly below median, at 95%, based on composite snow-water data from Snotel and manually collected snow-course sites. Snow water in the Clear Creek drainage is somewhat lower at 89% of median, using the same composite of Snotel and snow-course data. Snotel data for entire Powder River Basin, including Clear Creek, indicates higher snow-water in the basin, at 108% of median. Both the Tongue River and Powder River watersheds have lower snowpack water content than at this time last year, when they were 97% and 122%, respectively. Snotel sites in the Tongue River and Powder River drainages report Total Water Year to Date Precipitation in both basins below average, at 87% each, as of Friday, February 1st.

Snotel data from across Wyoming river basins indicate most basins are near median as of February 1st. The Upper Green River and Sweetwater basins hold the lowest percent of median snow water in the State, at 86% of median. The Lower North Platte River basin is the highest in the State at 137% of median.

Manual snow course data included in this report was collected January 27th to 31st. Snotel data in this report is as reported February 1st.

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'	30	6.2	7.2	86%	91%
Sawmill Divide Snow Course	9260'	36	7.4	8	93%	95%
Woodrock Snow Course	8440'	25	4.6	5.4	85%	128%
Bald Mountain Snotel	9380'	48	11.7	10.8	108%	91%
Big Goose Snotel	7990'	25	5.5	4.9	112%	131%
Bone Springs Snotel	9350'	37	8.4	9.8	86%	78%
Burgess Junction Snotel	7880'	29	6.0	6.6	91%	115%
Dome Lake Snotel	8880'	33	5.3	6.8	78%	75%
Sucker Creek Snotel	8880'	35	7.8	7.1	110%	137%
Tie Creek Snotel	6870'	16	3.4	3.4	100%	162%
				Average:	95%	110%
Clear Creek Drainage						
Soldier Park Snow Course	8720'	14	2.0	2.8	71%	***
Sourdough Snow Course	8460'	18	2.8	3.4	82%	93%
Cloud Peak Snotel	9860'	38	8.3	8.3	100%	88%
Hansen Sawmill Snotel	8360'	17	3.7	4	93%	86%
Powder River Pass Snotel	9480'	28	6.3	6.5	97%	65%
*** - No 2018 Measure; Inaccessible				Average:	89%	83%