



United States Department of Agriculture
SHERIDAN COUNTY SNOWPACK REPORT
March 1, 2018



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Sheridan County Snowpack for the first week of March 2018 shows variable snowpack water content across the eastern Bighorns. Snowpack water content ranges from 77% of median to 176% of median. In total, the Tongue River drainage snow water is just above median, at 103%, based on composite snow-water data from Snotel and manually collected snow-course sites. Snow water in the Clear Creek drainage is higher at 128% of median. Both the Tongue River and Clear Creek drainages have increased higher snowpack water content since last month and similar to this time in last year. Snotel data for entire Powder River Basin indicates similar snow-water in the basin as a whole, at 125% of median.

Tongue River drainage Snotel sites report Total Water Year to Date Precipitation below average at 81%. Total Water Year to Date Precipitation at Powder River drainage Snotel sites is above average at 113% of average. Manual snow course data included in this report was collected February 26th to 28th. Snotel data in this report is as reported March 1st.

Snotel data from river basins across Wyoming indicate the northern basins are above median as of March 1st. The Lower North Platte River basin is the lowest at 72% of median, while the Shoshone River basin is the highest in the State at 166% of median.

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)	2018 Observed as % of Median	2018 Observed as % of Last Year
Tongue River Drainage						
North Tongue Snow Course	8450'	42	10.2	10.3	99%	128%
Sawmill Divide Snow Course	9260'	46	11.2	10.2	110%	124%
Woodrock Snow Course	8440'	29	6	7.8	77%	103%
Bald Mountain Snotel	9380'	64	17.3	14.8	117%	113%
Big Goose Snotel	7990'	27	6	6.2	97%	85%
Bone Springs Snotel	9350'	59	15.5	12	129%	114%
Burgess Junction Snotel	7880'	33	7.4	8.3	89%	100%
Dome Lake Snotel	8880'	47	11.9	8.7	137%	127%
Sucker Creek Snotel	8880'	36	8.2	8.9	92%	93%
Tie Creek Snotel	6870'	15	3.4	4.3	79%	69%
				Average:	103%	106%
Clear Creek Drainage						
Soldier Park Snow Course	8720'	20	3.8	4.4	86%	59%
Sourdough Snow Course	8460'	27	6.2	5.4	115%	94%
Cloud Peak Snotel	9860'	49	12.6	10.4	121%	127%
Hansen Sawmill Snotel	8360'	30	6.6	4.7	140%	99%
Powder River Pass Snotel	9480'	52	14.1	8	176%	227%
				Average:	128%	121%