



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



Sheridan Field Office

1949 Sugarland Dr,
 Suite 102
 Sheridan, WY 82801

Phone 307.672.5820
 Fax 866.574.1366

Snowpack water content across the eastern Bighorns on April 1, 2018, continues to be near median, though variable across the area ranging from 77% to 163% of median. On average, Tongue River watershed snow water content remains just above median, at 101%, according to composite snow-water data from Snotel and manually collected snow-course sites. Average snow water content in the Clear Creek watershed is the same as last month at 128% of median. Both the Tongue River and Clear Creek drainages have snowpack water content virtually unchanged since last month, and similar to this time last year. Snotel data for entire Powder River Basin indicates similar snow-water in the basin as a whole, at 115% of median.

Total Water Year to Date Precipitation at Tongue River drainage Snotel sites remains below average at 81%, unchanged from March 1. Total Water Year to Date Precipitation at Powder River drainage Snotel sites has increased to 125% of average. Manual snow course data included in this report was collected March 27 and 28, so does not include the snow from March 30 and 31. Snotel data in this report is as reported April 1.

Snotel data across Wyoming continue to show the northern basins above median on April 1. The Lower North Platte River basin remains is the lowest at 71% of median, while the Shoshone and Yellowstone River basins are the highest in the State at 151% and 157% 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'	43	10.6	11.6	91%	91%
Sawmill Divide Snow Course	9260'	55	13.8	11.7	118%	105%
Woodrock Snow Course	8440'	34	7	9.1	77%	81%
Bald Mountain Snotel	9380'	73	20.5	18.6	110%	109%
Big Goose Snotel	7990'	37	8.2	8.9	92%	72%
Bone Springs Snotel	9350'	68	18.7	15.9	118%	98%
Burgess Junction Snotel	7880'	45	9.9	11.3	88%	96%
Dome Lake Snotel	8880'	56	14.7	11.5	128%	94%
Sucker Creek Snotel	8880'	46	10.9	11.4	96%	85%
Tie Creek Snotel	6870'	17	4.9	5.4	91%	111%
				Average:	101%	94%
Clear Creek Drainage						
Soldier Park Snow Course	8720'	14	4.6	4.6	100%	56%
Sourdough Snow Course	8460'	38	8	6.4	125%	No measure 2017
Cloud Peak Snotel	9860'	58	15.8	14.1	112%	103%
Hansen Sawmill Snotel	8360'	34	8.9	6.3	141%	90%
Powder River Pass Snotel	9480'	57	16.3	10	163%	201%
				Average:	128%	112%