



United States Department of Agriculture
SHERIDAN COUNTY SNOWPACK REPORT
March 1, 2017



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Sheridan County Snowpack for the first week of March 2017 shows variable snowpack water content across the eastern Bighorns. Snowpack water content ranges from 74% of median to 145% of median. In total, the Tongue River drainage has maintained near median, at 98%, based on composite snow-water data from Snotel and manually collected snow-course sites. The Clear Creek drainage remains somewhat higher at 117% of median. As with last month, the Tongue River and Clear Creek drainages both show median snowpack water content substantially higher than at this time in last year. Snotel data for entire Powder River Basin indicates lower snow-water in the basin as a whole, at 90% of median.

Tongue River drainage Snotel sites report Total Water Year to Date Precipitation just above average at 101%. Total Water Year to Date Precipitation at Powder River drainage Snotel sites come in slightly lower at 96% of average. Manual snow course data included in this report was collected February 24th to 28th. Snotel data in this report is as reported March 1st.

Snotel data from river basins across Wyoming indicate most basins are above median as of March 1st. The Belle Fourche River basin is the lowest at just 61% of median, while the Sweetwater River basin remains the highest in the State at 219% 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)	Composite 2016 Observed as % of Median	Composite 2016 Observed as % of Last Year
Tongue River Drainage						
North Tongue Snow Course	8450'	35	8	10.3	78%	129%
Sawmill Divide Snow Course	9260'	39	9	10.2	88%	161%
Woodrock Snow Course	8440'	29	5.8	7.8	74%	193%
Bald Mountain Snotel	9380'	61	15.3	14.8	103%	144%
Big Goose Snotel	7990'	31	7.1	6.2	115%	192%
Bone Springs Snotel	9350'	58	13.6	12.2	111%	149%
Burgess Junction Snotel	7880'	32	7.4	8.3	89%	142%
Dome Lake Snotel	8880'	41	9.4	8.7	108%	181%
Sucker Creek Snotel	8880'	39	8.8	8.9	99%	152%
Tie Creek Snotel	6870'	18	4.9	4.3	114%	245%
				Average:	98%	169%
Clear Creek Drainage						
Soldier Park Snow Course	8720'	28	6.4	4.4	145%	213%
Sourdough Snow Course	8460'	31	6.6	5.4	122%	236%
Cloud Peak Snotel	9860'	42	9.9	10.4	95%	155%
Hansen Sawmill Snotel	8360'	31	6.7	4.7	143%	181%
Powder River Pass Snotel	9480'	30	6.2	8	78%	105%
		z		Average:	117%	178%