

1949 Sugarland Dr #102, Sheridan, WY 82801 (307) 672-5820 Fax (307) 672-0052

**SHERIDAN COUNTY SNOWPACK REPORT**  
**FEBRUARY 1, 2012**

Data Site	Elevation	Snow Depth (Inches)	Water Content (Inches)	30 Year Average Water Content* (Inches)	% of Average	% of Last Year
<b>TONGUE RIVER DRAINAGE:</b>						
BALD MTN SNOTEL	9375'	-	12	13.5	89%	76%
BIG GOOSE SNOTEL	7990'	-	7.1	6	118%	++
BONE SPRINGS SNOTEL	9350'	-	12.9	10.6	122%	101%
BURGESS JCT. SNOTEL	7880'	-	8.5	7.4	115%	++
DOMELAKE SNOTEL	8880'	-	10.4	7.9	132%	149%
NORTH TONGUE SNOW COURSE	8450'	40	9.8	8.4	117%	110%
SAWMILL DIVIDE SNOW COURSE	9260'	45.4	11.4	8.8	130%	136%
SUCKER CREEK SNOTEL	8880'	-	10.2	7.2	142%	126%
TIE CREEK SNOTEL	7080'	-	5.1	4	128%	128%
WOODROCK SNOW COURSE	8440'	33.8	7.5	6.5	115%	123%
				Average:	121%	118%
<b>CLEAR CREEK DRAINAGE:</b>						
CLOUD PEAK SNOTEL	9860'	-	11.5	8.1	142%	115%
HANSEN SAWMILL SNOW COURSE	8760'	-	3.9	4.2	93%	++
POWDER RIVER PASS SNOTEL	9480'	-	6.5	7.2	90%	65%
SOLDIER PARK SNOW COURSE	8780'	19.1	4.5	3.5	129%	173%
SOURDOUGH SNOW COURSE	8460'	20.6	3.5	4.2	83%	85%
*Period used is 1971-2000      ++ No snowpack last year on this date				Average:	107%	110%

The first Sheridan County Snowpack Report of the 2011/2012 Water Year shows both the Tongue and Clear Creek drainages above 100% of average for this time of year, and more or less on par with February 1, 2010 levels. Total Precipitation at the Powder-Tongue drainage Snotel sites is 124% of average. This report summarizes combined manual snow course data taken from January 25<sup>th</sup> through 31<sup>st</sup>, and Snotel data on February 1.

February 1<sup>st</sup> Snotel data on the other major basins around the state show the Powder-Tongue Basin as the highest in the state at 118% of Average, with the northern basins between 90 and 100% of average. The southern basins are lower, with the Upper Bear, Little Snake and Upper North Platte River Basins being less than 70% of average.

Snotels 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 on the Wyoming NRCS Homepage at [www.wy.nrcs.usda.gov](http://www.wy.nrcs.usda.gov).

Reported by Andrew Cassidy, NRCS Sheridan County District Conservationist