

## SHERIDAN COUNTY SNOWPACK & WATER SUPPLY REPORT

### APRIL 1, 2011

DATA SITE	ELEV.	SNOW DEPTH	WATER CONTENT	24-YR AVE.	%OF AVE.	%OF LAST YR
<b><u>TONGUE RIVER DRAINAGE:</u></b>						
BALD MTN SNOTEL	9375'	-	24.0"	19.9"	121%	183%
BIG GOOSE SNOTEL	7990'	-	8.6"	10.7"	80%	115%
BONE SPRINGS SNOTEL	9350'	-	20.3"	16.4"	124%	183%
BURGESS JCT. SNOTEL	7880'	-	10.9"	11.7"	93%	117%
DOME LAKE SNOTEL	8880'	-	14.2"	12.6"	113%	178%
NORTH TONGUE	8450'	47"	13.0"	13.0"	100%	157%
SAWMILL DIVIDE	9260'	56"	13.8"	13.0"	106%	139%
SUCKER CREEK SNOTEL	8880'	-	13.6"	11.8"	115%	125%
TIE CREEK SNOTEL	7080'	-	6.9"	6.1"	113%	345%
WOODROCK GUARD STA.	8440'	40"	9.4"	10.2"	92%	132%
				<b>Average:</b>	<b>106%</b>	<b>167%</b>
<b><u>CLEAR CREEK DRAINAGE:</u></b>						
CLOUD PEAK SNOTEL	9860'	-	16.0"	13.5"	119%	142%
HANSEN SAWMILL	8760'	-	7.3"	7.3"	100%	133%
POWD. RIV. PASS SNOTEL	9480'	-	15.0"	10.9"	138%	172%
SOLDIER PARK	8780'	NA	NA	5.9"	NA	NA
SOURDOUGH	8460'	29"	6.9"	7.1"	97%	106%
				<b>Average:</b>	<b>114%</b>	<b>138%</b>

The third snowpack summary of the 2010/2011 water year, shows another increase for the year with both the Tongue and Clear Creek drainages increasing over last month. Both drainages continue to show a snow pack that is substantially above 2010 levels. Total Precipitation since October for the Powder – Tongue Basin continues to show an increase, and is now at 108%. This report summarizes combined manual snow course data taken from March 24 through March 30, and April 1 Snotel data.

April 4 Snotel reading on the other major basins around the state indicate that all are in excess of 100% with the highest readings on the Upper Bear and North Platte Drainage both at 139%. The Wind River Basin is the lowest in the state at 102%

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 Brad Holliday, NRCS District Conservationist