

# Snowpack Report

Water Division 3

March 1, 2018

## Wind River Drainage

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2018	Last year	2018	Last Year	1981-2010	2018	Last Year
Burroughs Creek	SNOTEL	50	68	13.9	20.6	*	*	*
Castle Creek	SNOTEL	31	44	7.4	11.2	new	new	new
Castle Creek	Manual Course	29	40	6.6	11.0	3.0	220	367
Cold Springs	SNOTEL	30	53	7.7	11.6	5.5	140	211
Dunoir	Manual Course	28	48	6.7	11.8	5.1	131	231
Geyser Creek	Manual Course	29	46	7.2	11.8	4.2	171	281
Little Warm	SNOTEL	51	58	12.9	13.8	7.9	163	175
Sheridan R.S. (new)	Manual Course	31	47	7.5	12.8	4.2	179	305
T-Cross	Manual Course	34	50	8.7	15.4	5.2	167	296
Togwotee Pass	SNOTEL	82	91	24.9	27.7	17.7	141	157
<b>Drainage Average:</b>							<b>164</b>	<b>253</b>

## Little Wind River Drainage

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2018	Last year	2018	Last Year	1981-2010	2018	Last Year
Blue Ridge	Manual Course	25	80	6.4	22.8	7.9	81	289
Deer Park	SNOTEL	44	95	9.1	27.8	10.8	84	257
Grannier Meadows	Manual Course	28	77	6.0	22.7	9.4	64	241
Hobbs Park	SNOTEL	50	82	13.4	21.3	9.7	138	220
Middle Fork	Manual Course	10	34	1.9	6.7	4.0	48	168
South Pass	SNOTEL	47	95	9.1	25.4	11.4	80	223
St. Lawrence	SNOTEL	13	35	2.9	7.4	5.2	56	142
Townsend Creek	SNOTEL	25	57	6.0	12.3	6.5	92	189
<b>Drainage Average:</b>							<b>80</b>	<b>216</b>

## Big Horn River

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2018	Last year	2018	Last Year	1981-2010	2018	Last Year
Owl Creek	SNOTEL	20	33	3.4	6.7	3.9	87	172
Kirwin	SNOTEL	57	55	16.4	15.8	7.0	234	226
Onion Gulch	Manual Course	36.4	21	8.8	4.0	5.3	166	75
Timber Creek	SNOTEL	12	26	2.7	5.2	3.7	73	141
Medicine Lodge Lakes	Manual Course	50.2	37	12.4	6.8	7.6	163	89
Grave Springs	SNOTEL	25	24	5.3	5.1	6.9	77	74
Middle Powder	SNOTEL	30	27	6.9	5.9	8.0	86	74
Bear Trap Meadow	SNOTEL	35	23	7.7	4.4	4.4	175	100
Shell Creek	SNOTEL	64	54	17.4	12.8	11.6	150	110
Bone Springs Divide	SNOTEL	59	57	15.5	13.4	12.0	129	112
Bald Mountain	SNOTEL	64	60	17.3	15.1	14.7	118	103
Powder River Pass	SNOTEL	52	31	14.1	6.2	8.0	176	78
Ranger Creek	Manual Course	42.2	32	9.6	6.2	5.8	166	107
<b>Drainage Average:</b>							<b>138</b>	<b>107</b>

### Shoshone River

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2018	Last year	2018	Last Year	1981-2010	2018	Last Year
Younts Peak	SNOTEL	-	69	-	22.5	11.7	-	192
Blackwater	SNOTEL	86	95	28.7	30.9	17.2	167	174
Sylvan Road	SNOTEL	45	48	12.8	14.4	9.4	136	153
Marquette	SNOTEL	19	32	4.3	7.2	New	New	New
Evening Star	SNOTEL	111	100	34.8	30.0	19.1	182	157
<b>Drainage Average:</b>							<b>162</b>	<b>169</b>

### Comments:

\* Burroughs Creek SNOTEL site burned in a wildfire in the summer of 2013. No official data is available for water content median. The data for the median water content shown predates the rebuilding of the site in the summer of 2014. The Sheridan Ranger Station snow course was burned in the summer of 2016 and rebuilt in the fall. The physical features of the Sheridan Ranger Station have changed severely.

This information is provided as a public service from the Wyoming State Engineer's Office.

Manual snow surveys are conducted at the end of January, February, March and April. Data from these surveys is combined with data from automated SNOTEL sites to calculate average snowpack values. For more information you can contact Ryan Mikesell or Josh Fredrickson at 856-0747.