

## Snowpack Report

Water Division 3

February 1, 2019

### Wind River Drainage

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2019	Last year	2019	Last Year	1981-2010	2019	Last Year
Burroughs Creek	SNOTEL	21	34	4.4	9.5	New	New	New
Castle Creek	SNOTEL	12	22	1.9	5.4	new	New	New
Castle Creek	Manual Course	12	21	2.1	4.7	2.6	81	181
Cold Springs	SNOTEL	20	24	4.0	6.1	4.5	89	136
Dunoir	Manual Course	15	22	2.9	5.2	3.8	76	137
Geysir Creek	Manual Course	15	22	2.9	5.7	3.4	85	168
Little Warm	SNOTEL	23	41	4.5	10.5	6.4	70	164
Sheridan R.S. (new)	Manual Course	18	20	3.7	5.0	3.5	106	143
T-Cross Ranch	Manual Course	14	23	2.6	5.9	4.0	65	148
Togwotee Pass	SNOTEL	50	71	13.4	19.7	15.0	89	131
<b>Drainage Average:</b>							<b>83</b>	<b>151</b>

### Little Wind River Drainage

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2019	Last year	2019	Last Year	1981-2010	2019	Last Year
Blue Ridge	Manual Course	28	20	5.7	5.0	5.5	104	91
Deer Park	SNOTEL	33	25	8.1	7.3	9.4	86	78
Grannier Meadows	Manual Course	28	20	6.3	4.9	7.6	83	64
Hobbs Park	SNOTEL	39	39	11.1	11.1	8.0	139	139
Middle Fork	Manual Course	25	8	3.6	1.7	3.2	113	53
South Pass	SNOTEL	30	30	6.9	7.3	8.9	78	82
St. Lawrence Alt.	SNOTEL	14	10	2.6	2.7	4.2	62	64
Townsend Creek	SNOTEL	25	19	5.4	4.8	5.2	104	92
<b>Drainage Average:</b>							<b>96</b>	<b>83</b>

### Big Horn River

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2019	Last year	2019	Last Year	1981-2010	2019	Last Year
Owl Creek	SNOTEL	18	14	3.8	2.8	3.1	123	87
Kirwin	SNOTEL	23	47	5.0	12.5	5.9	85	212
Onion Gulch	Manual Course	20	25	3.0	5.0	4.2	71	119
Timber Creek	SNOTEL	15	11	2.8	2.3	2.9	97	79
Medicine Lodge Lakes	Manual Course	34	34	7.4	7.2	6.4	116	113
Grave Springs	SNOTEL	23	20	5.1	4.3	4.9	104	88
Middle Powder	SNOTEL	30	26	6.8	5.6	6.3	108	89
Bear Trap Meadows	SNOTEL	25	25	5.6	5.1	3.4	165	150
Shell Creek	SNOTEL	*	48	*	12.5	9.1	*	137
Bone Springs Divide	SNOTEL	37	47	8.4	10.8	9.8	86	110
Bald Mountain	SNOTEL	48	50	11.7	12.5	10.8	108	116
Powder River Pass	SNOTEL	28	42	6.3	9.7	6.5	97	149
Ranger Creek	Manual Course	26	28	5.4	6.0	5.4	100	111
<b>Drainage Average:</b>							<b>105</b>	<b>120</b>

**Shoshone River**

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2019	Last year	2019	Last Year	1981-2010	2019	Last Year
Younts Peak	SNOTEL	26	*	6.3	*	9.6	66	*
Blackwater	SNOTEL	47	72	13.3	22.9	14.8	90	155
Sylvan Road	SNOTEL	31	35	7.2	9.2	7.8	92	118
Marquette	SNOTEL	26	17	5.8	3.9	New	New	New
Evening Star	SNOTEL	53	86	14.8	25.4	16.4	90	155
<b>Drainage Average:</b>							<b>85</b>	<b>143</b>

**Comments:**

\*No data

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.