

# Snowpack Report

Water Division 3

March 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	49	50	9.4	13.9	*	*	*
Castle Creek	SNOTEL	19	31	3.6	7.4	new	new	new
Castle Creek	Manual Course		29		6.6	3.0		220
Cold Springs	SNOTEL	29	30	5.6	7.7	5.5	102	140
Dunoir	Manual Course	26	28	5.0	6.7	5.1	98	131
Geyser Creek	Manual Course	25	29	5.1	7.2	4.2	121	171
Little Warm	SNOTEL	39	51	7.2	12.9	7.9	91	163
Sheridan R.S. (new)	Manual Course	28	31	6.0	7.5	4.2	143	179
T-Cross	Manual Course		34		8.7	5.2		167
Togwotee Pass	SNOTEL	84	82	21.1	24.9	17.7	119	141
<b>Drainage Average:</b>							<b>112</b>	<b>164</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	33	25	8.7	6.4	7.9	110	81
Deer Park	SNOTEL	55	44	14.0	9.1	10.8	130	84
Grannier Meadows	Manual Course	36	28	8.6	6.0	9.4	91	64
Hobbs Park	SNOTEL	49	50	11.5	13.4	9.7	119	138
Middle Fork	Manual Course	20	10	4.8	1.9	4.0	120	48
South Pass	SNOTEL	47	47	11.5	9.1	11.4	101	80
St. Lawrence	SNOTEL	17	13	3.7	2.9	5.2	71	56
Townsend Creek	SNOTEL	31	25	7.5	6.0	6.5	115	92
<b>Drainage Average:</b>							<b>107</b>	<b>80</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	20	20	4.3	3.4	3.9	110	87
Kirwin	SNOTEL	44	57	8.9	16.4	7.0	127	234
Onion Gulch	Manual Course	25	36	4.6	8.8	5.3	87	166
Timber Creek	SNOTEL	15	12	3.0	2.7	3.7	81	73
Medicine Lodge Lakes	Manual Course	41	50	8.4	12.4	7.6	111	163
Grave Springs	SNOTEL	26	25	5.8	5.3	6.9	84	77
Middle Powder	SNOTEL	30	30	7.1	6.9	8.0	89	86
Bear Trap Meadow	SNOTEL	29	35	6.7	7.7	4.4	152	175
Shell Creek	SNOTEL	47	64	11.2	17.4	11.6	97	150
Bone Springs Divide	SNOTEL	46	59	10.8	15.5	12.0	90	129
Bald Mountain	SNOTEL	57	64	14.5	17.3	14.7	99	118
Powder River Pass	SNOTEL	36	52	8.3	14.1	8.0	104	176
Ranger Creek	Manual Course	31	42	6.0	9.6	5.8	103	166
<b>Drainage Average:</b>							<b>103</b>	<b>138</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	54	-	12.2	-	11.7	104	-
Blackwater	SNOTEL	83	86	19.7	28.7	17.2	115	167
Sylvan Road	SNOTEL	52	45	10.8	12.8	9.4	115	136
Marquette	SNOTEL	24	19	5.8	4.3	New	New	New
Evening Star	SNOTEL	92	111	22.5	34.8	19.1	118	182
<b>Drainage Average:</b>							<b>113</b>	<b>162</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.