

# Snowpack Report

Water Division 3

February 1, 2021

## Wind River Drainage

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2021	Last year	2021	Last Year	1981-2010	2021	Last Year
Burroughs Creek	SNOTEL	20	27	4.9	7.1	New	New	New
Castle Creek	SNOTEL	12	15	2.4	3.3	New	New	New
Castle Creek	Manual Course	10	14	1.9	2.9	2.6	73	112
Cold Springs	SNOTEL	9	20	2.6	4.4	4.5	58	98
Dunoir	Manual Course	15	17	3.1	4.1	3.8	82	108
Geysers Creek	Manual Course	12	17	2.8	3.9	3.4	82	115
Little Warm	SNOTEL	25	32	5.1	7.2	6.4	80	113
Sheridan R.S. (new)	Manual Course	15	17	2.8	3.5	3.5	80	100
T-Cross Ranch	Manual Course	14	15	2.8	3.2	4.0	70	80
Togwotee Pass	SNOTEL	51	60	13.1	15.8	15.0	87	105
<b>Drainage Average:</b>							<b>77</b>	<b>104</b>

## Little Wind River Drainage

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2021	Last year	2021	Last Year	1981-2010	2021	Last Year
Blue Ridge	Manual Course	17	25	2.8	6.2	5.5	51	113
Deer Park	SNOTEL	29	34	6.5	7.9	9.4	69	84
Grannier Meadows	Manual Course	19	29	4.0	6.3	7.6	53	83
Hobbs Park	SNOTEL	21	32	5.0	7.6	8.0	63	95
Middle Fork	Manual Course	7	15	1.3	4.0	3.2	41	125
South Pass	SNOTEL	25	30	5.6	7.0	8.9	63	79
St. Lawrence Alt.	SNOTEL	7	13	0.8	2.8	4.2	19	67
Townsend Creek	SNOTEL	14	23	2.9	5.2	5.2	56	100
<b>Drainage Average:</b>							<b>52</b>	<b>93</b>

## Big Horn River

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2021	Last year	2021	Last Year	1981-2010	2021	Last Year
Owl Creek	SNOTEL	8	15	1.9	3.2	3.1	61	103
Kirwin	SNOTEL	24	31	5.0	7.3	5.9	85	124
Onion Gulch	Manual Course	14	26	2.4	5.4	4.2	57	129
Timber Creek	SNOTEL	4	12	1.2	3.5	2.9	41	121
Medicine Lodge Lakes	Manual Course	29	39	4.6	7.8	6.4	72	122
Grave Springs	SNOTEL	13	27	2.9	6.5	4.9	59	133
Middle Powder	SNOTEL	19	31	4.2	7.4	6.3	67	117
Bear Trap Meadows	SNOTEL	13	27	2.8	6.0	3.4	82	176
Shell Creek	SNOTEL	36	46	8.0	10.0	9.1	88	110
Bone Springs Divide	SNOTEL	38	44	8.5	10.6	9.8	87	108
Bald Mountain	SNOTEL	40	53	9.7	13.4	10.8	90	124
Powder River Pass	SNOTEL	25	36	5.5	8.2	6.5	85	126
Ranger Creek	Manual Course	22	29	4.2	5.6	5.4	78	104
<b>Drainage Average:</b>							<b>73</b>	<b>123</b>

### Shoshone River14

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2021	Last year	2021	Last Year	1981-2010	2021	Last Year
Younts Peak	SNOTEL	26	33	7.4	10.5	9.6	77	109
Blackwater	SNOTEL	45	50	12.0	14.1	14.8	81	95
Sylvan Road	SNOTEL	26	34	6.2	8.0	7.8	79	103
Marquette	SNOTEL	7	19	1.9	4.3	New	New	New
Evening Star	SNOTEL	60	66	17.1	17.5	16.4	104	107
<b>Drainage Average:</b>							<b>85</b>	<b>104</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.