

Snowpack Report

Water Division 3

April 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	31	44	10.4	12.5	*	*	*
Castle Creek	SNOTEL	20	22	5.6	5.1	new	new	new
Castle Creek	Manual Course	13	16	3.6	4.4	3.6	100	122
Cold Springs	SNOTEL	24	30	7.0	7.2	7.1	99	101
Dunoir	Manual Course	25	33	6.2	8.2	6.2	100	132
Geysir Creek	Manual Course	24	26	6.2	6.3	5.1	122	124
Little Warm	SNOTEL	38	50	9.8	12.0	10.2	96	118
Sheridan R.S.	Manual Course	22	26	6.0	7.9	4.8	125	165
T-Cross	Manual Course	17	21	5.2	5.0	5.7	91	88
Togwotee Pass	SNOTEL	67	90	21.7	26.7	21.6	100	124
Drainage Average:							104	122

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	40	39	10.3	10.3	10.0	103	103
Deer Park	SNOTEL	47	49	12.4	13.1	14.7	84	89
Grannier Meadows	Manual Course	39	42	10.2	9.9	11.1	92	89
Hobbs Park	SNOTEL	49	52	11.8	13.0	13.4	88	97
Middle Fork	Manual Course	27	26	6.5	6.9	5.0	130	138
South Pass	SNOTEL	47	46	12.0	11.6	14.9	81	78
St. Lawrence Alt.	SNOTEL	13	19	3.5	4.9	6.8	51	72
Townsend Creek	SNOTEL	40	36	9.2	9.1	9.0	102	101
Drainage Average:							91	96

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	22	20	5.7	5.8	5.5	104	105
Kirwin	SNOTEL	37	45	9.2	11.0	9.4	98	117
Onion Gulch	Manual Course	33	34	8.4	8.4	6.6	127	127
Timber Creek	SNOTEL	13	16	3.5	5.4	4.8	73	113
Medicine Lodge Lakes	Manual Course	49	47	11.2	11.6	10.2	110	114
Grave Springs	SNOTEL	29	34	7.5	9.7	8.9	84	109
Middle Powder	SNOTEL	42	42	11.3	12.0	11.4	99	105
Bear Trap Meadow	SNOTEL	33	31	9.0	8.7	5.1	176	171
Shell Creek	SNOTEL	59	54	14.4	14.3	14.5	99	99
Bone Springs Divide	SNOTEL	57	55	15.2	16.7	15.9	96	105
Bald Mountain	SNOTEL	61	66	16.4	20.0	18.6	88	108
Powder River Pass	SNOTEL	43	42	11.7	11.9	10.0	117	119
Ranger Creek	Manual Course	37	36	8.4	8.4	7.8	108	108
Drainage Average:							106	115

Shoshone River

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	42	57	14.1	17.6	14.1	100	125
Blackwater	SNOTEL	66	78	19.7	21.8	22.1	89	99
Sylvan Road	SNOTEL	27	42	10.1	12.4	11.1	91	112
Marquette	SNOTEL	20	27	5.2	6.6	New	New	New
Evening Star	SNOTEL	78	97	26.3	27.1	23.9	110	113
Drainage Average:							98	112

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.

* No value available