

Snowpack Report

Water Division 3

February 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	37	44	9.5	12.3	New	New	New
Castle Creek	SNOTEL	22	31	5.4	7.0	new	New	New
Castle Creek	Manual Course	21	27	4.7	6.6	2.6	181	254
Cold Springs	SNOTEL	24	30	6.1	6.5	4.5	136	144
Dunoir	Manual Course	22	28	5.2	6.7	3.8	137	176
Geysler Creek	Manual Course	22	25	5.7	6.5	3.4	168	191
Little Warm	SNOTEL	41	33	10.5	7.0	6.4	164	109
Sheridan R.S. (new)	Manual Course	20	31	5.0	8.2	3.5	143	234
T-Cross Ranch	Manual Course	23	36	5.9	10.7	4.0	148	268
Togwotee Pass	SNOTEL	71	61	19.7	18.5	15.0	131	123
Drainage Average:							151	183

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	20	49	5.0	13.6	5.5	91	247
Deer Park	SNOTEL	25	57	7.3	18.0	9.4	78	191
Grannier Meadows	Manual Course	20	55	4.9	16.8	7.6	64	221
Hobbs Park	SNOTEL	39	46	11.1	12.6	8.0	139	158
Middle Fork	Manual Course	8	21	1.7	4.1	3.2	53	128
South Pass	SNOTEL	30	59	7.3	17.1	8.9	82	192
St. Lawrence Alt.	SNOTEL	10	19	2.7	3.8	4.2	64	90
Townsend Creek	SNOTEL	19	31	4.8	7.0	5.2	92	135
Drainage Average:							83	170

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	14	22	2.7	4.1	3.1	87	132
Kirwin	SNOTEL	47	37	12.5	10.0	5.9	212	169
Onion Gulch	Manual Course	25	16	5.0	2.2	4.2	119	52
Timber Creek	SNOTEL	11	19	2.3	3.7	2.9	79	128
Medicine Lodge Lakes	Manual Course	34	24	7.2	4.2	6.4	113	66
Grave Springs	SNOTEL	21	18	4.3	3.8	4.9	88	78
Middle Powder	SNOTEL	26	22	5.6	4.7	6.3	89	75
Bear Trap Meadows	SNOTEL	27	18	5.1	3.3	3.4	150	97
Shell Creek	SNOTEL	52	50	12.5	10.8	9.1	137	115
Bone Springs Divide	SNOTEL	47	52	10.8	10.6	9.8	110	103
Bald Mountain	SNOTEL	50	58	12.5	13.2	10.8	116	119
Powder River Pass	SNOTEL	42	23	9.7	4.0	6.5	149	62
Ranger Creek	Manual Course	28	23	6.0	4.2	5.4	111	78
Drainage Average:							120	98

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	*	45	*	12.9	9.6	*	134
Blackwater	SNOTEL	72	71	22.9	21.1	14.8	155	136
Sylvan Road	SNOTEL	35	38	9.2	9.7	7.8	118	124
Marquette	SNOTEL	17	22	3.9	4.9	New	New	New
Evening Star	SNOTEL	86	85	25.4	20.0	16.4	155	121
Drainage Average:							143	129

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.