

Snowpack Report

Water Division 3

March 1, 2017

Wind River Drainage

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2017	Last year	2017	Last Year	1981-2010	2017	Last Year
Burroughs Creek	SNOTEL	68	34	20.6	8.9	*	*	*
Castle Creek	SNOTEL	44	19	11.2	3.6	new	new	new
Castle Creek	Manual Course	40	14	11.0	2.8	3.0	367	93
Cold Springs	SNOTEL	53	29	11.6	5.5	5.5	211	100
Dunoir	Manual Course	48	18	11.8	3.7	5.1	231	73
Geyser Creek	Manual Course	46	15	11.8	3.6	4.2	281	86
Little Warm	SNOTEL	58	33	13.8	6.8	7.9	175	86
Sheridan R.S. (new)	Manual Course	47	16	12.8	3.8	4.2	305	90
T-Cross	Manual Course	50	17	15.4	3.8	5.2	296	73
Togwotee Pass	SNOTEL	91	60	27.7	16.6	17.7	157	94
Drainage Average:							253	87

Little Wind River Drainage

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2017	Last year	2017	Last Year	1981-2010	2017	Last Year
Blue Ridge	Manual Course	80	24	22.8	5.6	7.9	289	71
Deer Park	SNOTEL	95	35	27.8	8.9	10.8	257	82
Grannier Meadows	Manual Course	77	27	22.7	7.8	9.4	241	83
Hobbs Park	SNOTEL	82	34	21.3	8.1	9.7	220	84
Middle Fork	Manual Course	34	14	6.7	3.2	4.0	168	80
South Pass	SNOTEL	95	33	25.4	7.6	11.4	223	67
St. Lawrence	SNOTEL	35	16	7.4	2.7	5.2	142	52
Townsend Creek	SNOTEL	57	23	12.3	4.9	6.5	189	75
Drainage Average:							216	74

Big Horn River

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2017	Last year	2017	Last Year	1981-2010	2017	Last Year
Owl Creek	SNOTEL	33	13	6.7	2.4	3.9	172	62
Kirwin	SNOTEL	55	33	15.8	7.1	7.0	226	101
Onion Gulch	Manual Course	21	17	4.0	3.0	5.3	75	57
Timber Creek	SNOTEL	26	13	5.2	3.0	3.7	141	81
Medicine Lodge Lakes	Manual Course	37	31	6.8	6.0	7.6	89	79
Grave Springs	SNOTEL	24	20	5.1	4.3	6.9	74	62
Middle Powder	SNOTEL	27	26	5.9	5.8	8.0	74	73
Bear Trap Meadow	SNOTEL	23	22	4.4	4.7	4.4	100	107
Shell Creek	SNOTEL	54	37	12.8	8.0	11.6	110	69
Bone Springs Divide	SNOTEL	57	42	13.4	9.1	12.0	112	76
Bald Mountain	SNOTEL	60	43	15.1	10.6	14.7	103	72
Powder River Pass	SNOTEL	31	28	6.2	5.9	8.0	78	74
Ranger Creek	Manual Course	32	26	6.2	4.6	5.8	107	79
Drainage Average:							107	76

Shoshone River

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2017	Last year	2017	Last Year	1981-2010	2017	Last Year
Younts Peak	SNOTEL	69	39	22.5	10.5	11.7	192	90
Blackwater	SNOTEL	95	57	29.9	15.8	17.2	174	92
Sylvan Road	SNOTEL	48	31	14.4	7.6	9.4	153	81
Marquette	SNOTEL	32	13	7.2	2.9	New	New	New
Evening Star	SNOTEL	100	72	30.0	20.5	19.1	157	107
Drainage Average:							169	92.5

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 come up with average snowpack values. For more information you can contact Ryan Mikesell or Josh Fredrickson at 856-0747.