

Snowpack Report

Water Division 3

April 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	35	45	10.2	15.7	*	*	*
Castle Creek	SNOTEL	14	29	4.2	8.2	new	new	new
Castle Creek	Manual Course	14	*	3.7	*	3.6	103	*
Cold Springs	SNOTEL	27	32	6.9	9.7	7.1	97	137
Dunoir	Manual Course	21	31	5.1	8.7	6.2	82	140
Geysir Creek	Manual Course	23	29	5.8	7.8	5.1	114	153
Little Warm	SNOTEL	37	58	8.8	15.4	10.2	86	151
Sheridan R.S.	Manual Course	22	28	5.7	9.0	4.8	119	188
T-Cross	Manual Course	20	28	6.3	9.1	5.7	111	160
Togwotee Pass	SNOTEL	68	95	22.7	30.8	21.6	105	143
Drainage Average:							102	150

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	34	31	9.6	8.6	10.0	96	86
Deer Park	SNOTEL	51	41	15.5	12.3	14.7	105	84
Grannier Meadows	Manual Course	40	36	11.0	8.3	11.1	99	75
Hobbs Park	SNOTEL	55	56	14.2	16.9	13.4	106	126
Middle Fork	Manual Course	34	10	7.3	2.4	5.0	146	48
South Pass	SNOTEL	49	43	13.3	11.9	14.9	89	80
St. Lawrence Alt.	SNOTEL	*	9	5.1	3.0	6.8	75	44
Townsend Creek	SNOTEL	44	26	9.6	7.1	9.0	107	79
Drainage Average:							103	78

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	14	18	4.8	4.3	5.5	87	78
Kirwin	SNOTEL	37	59	10.1	19.1	9.4	107	203
Onion Gulch	Manual Course	25	45	5.6	10.4	6.6	85	158
Timber Creek	SNOTEL	15	10	3.9	3.4	4.8	81	71
Medicine Lodge Lakes	Manual Course	40	54	9.6	13.0	10.2	94	127
Grave Springs	SNOTEL	32	32	8.0	7.6	8.9	90	85
Middle Powder	SNOTEL	37	40	8.9	9.6	11.4	78	84
Bear Trap Meadow	SNOTEL	23	40	7.1	10.4	5.1	139	204
Shell Creek	SNOTEL	49	75	12.4	20.7	14.5	86	143
Bone Springs Divide	SNOTEL	48	68	12.4	18.7	15.9	78	118
Bald Mountain	SNOTEL	56	73	15.9	20.5	18.6	85	110
Powder River Pass	SNOTEL	32	57	9.0	16.2	10.0	90	162
Ranger Creek	Manual Course	31	43	7.2	10.6	7.8	92	136
Drainage Average:							92	129

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	41	*	13.4	*	14.1	95	*
Blackwater	SNOTEL	68	92	22.3	32.8	22.1	101	148
Sylvan Road	SNOTEL	27	38	10.4	13.4	11.1	94	121
Marquette	SNOTEL	28	24	7.2	5.7	New	New	New
Evening Star	SNOTEL	71	116	24.1	39.3	23.9	101	164
Drainage Average:							98	144

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