

Division II Snowpack Report

Date: 1-May-18

Powder 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
Bear Trap Meadow*	SNOTEL	17	24	5.7	7.0	0.9	633%	778%
Cloud Peak Res.	SNOTEL	57	77	16.8	21.8	16.5	102%	132%
Grave Springs*	SNOTEL	24	35	6.5	11.2	9.4	69%	119%
Hansen Sawmill	SNOTEL	22	53	6.2	15.8	2.5	248%	632%
Middle Powder*	SNOTEL	30	42	9.0	13.0	11.6	78%	112%
Onion Gulch*	Manual Course	43	34	12.2	9.0	7.0	174%	129%
Powder River Pass*	SNOTEL	45	37	15.1	11.7	9.4	161%	124%
Soldier Park	SNOTEL	17	56	4.4	18.1			
Soldier Park	Manual Course					4.8		
Sour Dough	Manual Course					6.4		
Drainage Average:							125%	156%

* = Station is located both in Powder River Drainage and Bighorn River Drainage

Tongue 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
Big Goose	SNOTEL	28	50	8.1	15.1	9.2	88%	164%
Burgess Junction	SNOTEL	38	46	11.3	13.2	12.1	93%	109%
Dome Lake	SNOTEL	47	63	13.6	19.6	11.4	119%	172%
Little Goose	SNOTEL	31	59	9.2	19.0			
North Tongue	Manual Course	46		14.0		11.9	118%	
Sawmill Divide	Manual Course	59.6	66	17.4	17.0	14.3	122%	119%
Sucker Creek	SNOTEL	37	59	10.4	16.3	12.2	85%	134%
Tie Creek	SNOTEL	1	20	0.8	4.4	2.7	30%	163%
Wood Rock G.S.	Manual Course	39.2	45	10.6	10.0	9.8	108%	102%
Drainage Average:							103%	133%

Bighorn 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
Bald Mountain	SNOTEL	70	77	22.4	24.1	20.5	109%	118%
Bear Trap Meadow*	SNOTEL	17	24	5.7	7.0	0.9	633%	778%
Bone Springs Divide	SNOTEL	66	68	22.3	23.4	16.5	135%	142%
Grave Springs*	SNOTEL	24	35	6.5	11.2	9.4	69%	119%
Medicine Lodge Lakes	Manual Course	55.2	44	16.4	13.0	11	149%	118%
Middle Powder*	SNOTEL	30	42	9.0	13.0	11.6	78%	112%
Onion Gulch*	Manual Course	43	34	12.2	9.0	7	174%	129%
Powder River Pass*	SNOTEL	45	37	15.1	11.7	9.4	161%	124%
Ranger Creek	Manual Course	44.6	25	13.4	8.0	6.1	220%	131%
Shell Creek	SNOTEL	70	67	23.4	20.2	15.9	147%	127%
Tyrell Ranger Station	Manual Course	35.8	20	10.2	6.0	4.4	232%	136%
Drainage Average:							139%	130%

* = Station is located both in Powder River Drainage and Bighorn River Drainage

Belle Fourche River Drainage

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2018	Last Year	2018	Last Year	1981-2010	2017	Last Year
Bearlodge Divide	Manual Course	0	4.2	0.0	0.6	0.0		
Cole Canyon	SNOTEL	4	9	1.5	1.8	0.3	500%	600%
Mallo	Manual Course					0.0		
Reuter Canyon	Manual Course	0	9.7	0.0	1.2	0.4	0%	300%
Upper Spearfish, SD	Manual Course							
Drainage Average:							214%	450%

Cheyenne River Drainage

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2018	Last Year	2018	Last Year	1981-2010	2017	Last Year
Blind Park, SD	SNOTEL	4	1	1.2	0.1	0.8	150%	13%
Ditch Creek, SD	Manual Course					0.5		
Little Bear Run	Manual Course							
Mount Tom	Manual Course							
North Rapid Creek, SD	SNOTEL	0	0	0.0	0.0	0.8	0%	0%
Drainage Average:							75%	6%

Comments: