

Division II Snowpack Report

Date: 1-Mar-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	35	23	7.7	4.4	4.4	175%	100%
Cloud Peak Res.	SNOTEL	49	42	12.8	9.8	10.4	123%	94%
Grave Springs*	SNOTEL	25	24	5.3	5.1	6.9	77%	74%
Hansen Sawmill	SNOTEL	30	31	6.6	6.7	4.7	140%	143%
Middle Powder*	SNOTEL	30	27	6.9	5.9	8.0	86%	74%
Onion Gulch*	Manual Course	36.4	31	8.8	7.0	5.3	166%	132%
Powder River Pass*	SNOTEL	52	31	14.1	6.2	8	176%	78%
Soldier Park	SNOTEL	23	35	5.2	9.7			
Soldier Park	Manual Course	20.2	28	3.8	6.0	3.2	119%	188%
Sour Dough	Manual Course	27.6	31	6.2	7.0	4.2	148%	167%
Drainage Average:							131%	105%

* = Station is located both in Powder River Drainage and Big Horn 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	27	31	6.0	7.1	6.2	97%	115%
Burgess Junction	SNOTEL	33	32	7.4	7.3	8.3	89%	88%
Dome Lake	SNOTEL	47	39	11.9	8.9	8.7	137%	102%
Little Goose	SNOTEL	29	33	7.3	7.8			
North Tongue	Manual Course	42	35	10.2	8.0	9.0	113%	89%
Sawmill Divide	Manual Course	46.4	39	11.2	9.0	9.6	117%	94%
Sucker Creek	SNOTEL	36	39	8.3	8.7	8.9	93%	98%
Tie Creek	SNOTEL	15	18	3.5	4.9	4.3	81%	114%
Wood Rock G.S.	Manual Course	29.4	29	6.0	6.0	6.8	88%	88%
Drainage Average:							104%	97%

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	64	60	17.3	15.1	14.7	118%	103%
Bear Trap Meadow*	SNOTEL	35	23	7.7	4.4	4.4	175%	100%
Bone Springs Divide	SNOTEL	59	57	15.5	13.4	12	129%	112%
Grave Springs*	SNOTEL	25	24	5.3	5.1	6.9	77%	74%
Medicine Lodge Lakes	Manual Course	50.2	37	12.4	7.0	7.6	163%	92%
Middle Powder*	SNOTEL	30	27	6.9	5.9	8	86%	74%
Onion Gulch*	Manual Course	36.4	31	8.8	7.0	5.3	166%	132%
Powder River Pass*	SNOTEL	52	31	14.1	6.2	8	176%	78%
Ranger Creek	Manual Course	42.2	32	9.6	6.0	5.8	166%	103%
Shell Creek	SNOTEL	64	54	17.4	12.8	11.6	150%	110%
Tyrell Ranger Station	Manual Course	37.4	22	9.0	4.0	5.2	173%	77%
Drainage Average:							139%	97%

* = Station is located both in Powder River Drainage and Big Horn 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	12.6	0.8	3.8	0.3	1.6	238%	19%
Cole Canyon	SNOTEL	24	13	5.5	3.0	3.8	145%	79%
Mallo	Manual Course	28.8	15.5	6.9	4.5	6.0	115%	75%
Reuter Canyon	Manual Course	28.2	11	7.6	3.3	7.2	106%	46%
Upper Spearfish, SD	Manual Course	25.3	16.4	5.9	4.2	4.7	126%	89%
Drainage Average:							127%	66%

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	29	15	7	4.3	6.4	109%	67%
Ditch Creek, SD	Manual Course	24.4	16.7	5.6	4.1	3.1	181%	132%
Little Bear Run	Manual Course	20.3	9.5	4.2	2.8	3.3	127%	85%
Mount Tom	Manual Course	23.6	9.5	4.8	2.8	3.7	130%	76%
North Rapid Creek, SD	SNOTEL	26	19	6.5	4.5	5.9	110%	76%
Drainage Average:							125%	83%

Comments: