

Division II Snowpack Report

Date: 1-Apr-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	40	15	10.4	4.6	5.1	204%	90%
Cloud Peak Res.	SNOTEL	58	63	15.8	15.4	14.1	112%	109%
Grave Springs*	SNOTEL	32	22	7.6	6.7	8.9	85%	75%
Hansen Sawmill	SNOTEL	34	38	8.9	10.8	6.3	141%	171%
Middle Powder*	SNOTEL	40	24	9.6	7.0	11.4	84%	61%
Onion Gulch*	Manual Course	44.6	35	10.4	7.0	6.6	158%	106%
Powder River Pass*	SNOTEL	57	30	16.2	8.1	10	162%	81%
Soldier Park	SNOTEL	31	52	7.5	14.6			
Soldier Park	Manual Course	27.2	36	4.6	8.0	4.6	100%	174%
Sour Dough	Manual Course	37.4		8.0		6.4	125%	
Drainage Average:							125%	101%

* = 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	37	44	8.2	11.4	8.9	92%	128%
Burgess Junction	SNOTEL	45	37	9.9	10.3	11.3	88%	91%
Dome Lake	SNOTEL	56	60	14.7	15.7	11.5	128%	137%
Little Goose	SNOTEL	39	51	10.0	12.9			
North Tongue	Manual Course	42.8	44	10.6	12.0	11.6	91%	103%
Sawmill Divide	Manual Course	55.4	52	13.8	13.0	11.7	118%	111%
Sucker Creek	SNOTEL	46	52	10.9	12.8	11.4	96%	112%
Tie Creek	SNOTEL	17	15	4.9	4.5	5.4	91%	83%
Wood Rock G.S.	Manual Course	34	36	7.0	9.0	9.1	77%	99%
Drainage Average:							99%	110%

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	73	65	20.5	18.8	18.6	110%	101%
Bear Trap Meadow*	SNOTEL	40	15	10.4	4.6	5.1	204%	90%
Bone Springs Divide	SNOTEL	68	66	18.7	19.0	15.9	118%	119%
Grave Springs*	SNOTEL	32	22	7.6	6.7	8.9	85%	75%
Medicine Lodge Lakes	Manual Course	54	40	13.0	10.0	10.2	127%	98%
Middle Powder*	SNOTEL	40	24	9.6	7.0	11.4	84%	61%
Onion Gulch*	Manual Course	44.6	35	10.4	7.0	6.6	158%	106%
Powder River Pass*	SNOTEL	57	30	16.2	8.1	10	162%	81%
Ranger Creek	Manual Course	43	26	11.0	7.0	7.8	141%	90%
Shell Creek	SNOTEL	75	60	20.7	16.4	14.5	143%	113%
Tyrell Ranger Station	Manual Course	43.4	20	10.6	6.0	5.9	180%	102%
Drainage Average:							129%	96%

* = 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	8.7	0	2.5	0.0	0.0		
Cole Canyon	SNOTEL	22	0	7.1	0.0	5.8	122%	0%
Mallo	Manual Course	21.4	0	6.4	0.0	5.9	108%	0%
Reuter Canyon	Manual Course	25.1	0	7.5	0.0	7.8	96%	0%
Upper Spearfish, SD	Manual Course	22.9	0	6.1	0.0	5.5	111%	0%
Drainage Average:							108%	0%

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	21	0	7.4	0	7.2	103%	0%
Ditch Creek, SD	Manual Course	22.8	0	6.3	0	3.6	175%	0%
Little Bear Run	Manual Course	11.8	0	2.8	0	2.4	117%	0%
Mount Tom	Manual Course	17.4	0	4.4	0	2.9	152%	0%
North Rapid Creek, SD	SNOTEL	20	5	7.0	1.5	6.7	104%	22%
Drainage Average:							122%	7%

Comments: