

Division II Snowpack Report

Date: 1-Mar-21

Powder River Drainage

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2021	Last Year	2021	Last Year	1981-2010	2021	Last Year
Bear Trap Meadow*	SNOTEL	26	35	5.3	8.1	4.4	120%	184%
Cloud Peak Res.	SNOTEL	46	49	10.4	11.6	10.4	100%	112%
Grave Springs*	SNOTEL	23	36	4.6	9.1	6.9	67%	132%
Hansen Sawmill	SNOTEL	26	25	5.2	5.8	4.7	111%	123%
Middle Powder*	SNOTEL	35	41	7.3	10.8	8.0	91%	135%
Onion Gulch*	Manual Course	24	33	5.2	7.4	7.0	74%	106%
Powder River Pass*	SNOTEL	38	44	9.0	10.5	8	113%	131%
Soldier Park	SNOTEL	19	21	3.5	4.6			
Soldier Park	Manual Course	19	23	3.2	3.8	3.2	100%	119%
Sour Dough	Manual Course	22	27	3.6	5.8	4.2	86%	138%
Drainage Average:							101%	136%

* = 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	
		2021	Last Year	2021	Last Year	1981-2010	2021	Last Year
Big Goose	SNOTEL	28	31	6.2	7.4	6.2	100%	119%
Burgess Junction	SNOTEL	34	41	8.0	9.8	8.3	96%	118%
Dome Lake	SNOTEL	43	45	9.6	10.6	8.7	110%	122%
Little Goose	SNOTEL	36	39	8.1	8.8			
North Tongue	Manual Course	38	42	8.2	9.2	9.0	91%	102%
Sawmill Divide	Manual Course	42	49	9.4	11.2	9.6	98%	117%
Sucker Creek	SNOTEL	44	47	10.1	11.7	8.9	113%	131%
Tie Creek	SNOTEL	19	27	3.6	7.7	4.3	84%	179%
Wood Rock G.S.	Manual Course	29	36	6.0	7.2	6.8	88%	106%
Drainage Average:							112%	135%

Bighorn River Drainage

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2021	Last Year	2021	Last Year	1981-2010	2021	Last Year
Bald Mountain	SNOTEL	55	69	13.8	18.5	14.7	94%	126%
Bear Trap Meadow*	SNOTEL	26	35	5.3	8.1	4.4	120%	184%
Bone Springs Divide	SNOTEL	50	55	12.2	14.5	12	102%	121%
Grave Springs*	SNOTEL	23	36	4.6	9.1	6.9	67%	132%
Medicine Lodge Lakes	Manual Course	43	46	8.4	9.6	7.6	111%	126%
Middle Powder*	SNOTEL	35	41	7.3	10.8	8	91%	135%
Onion Gulch*	Manual Course	24	33	5.2	7.4	7	74%	106%
Powder River Pass*	SNOTEL	38	44	9.0	10.5	8	113%	131%
Ranger Creek	Manual Course	34	38	7.0	7.2	5.8	121%	124%
Shell Creek	SNOTEL	49	54	11.6	12.6	11.6	100%	109%
Tyrell Ranger Station	Manual Course	27	33	5.4	6.2	5.2	104%	119%
Drainage Average:							98%	126%

* = 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	
		2021	Last Year	2021	Last Year	1981-2010	2021	Last Year
Bearlodge Divide	Manual Course	6.7	19	1.4	3.1	1.6	88%	194%
Cole Canyon	SNOTEL	20	41	3.5	7.9	5.0	70%	158%
Mallo	Manual Course	23	37	4.0	8.0	6.0	67%	133%
Reuter Canyon	Manual Course	20	44	3.7	10.1	7.2	51%	140%
Upper Spearfish, SD	Manual Course	21	41	4.6	9.5	4.7	98%	202%
Drainage Average:							70%	158%

Cheyenne River Drainage

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2021	Last Year	2021	Last Year	1981-2010	2021	Last Year
Blind Park, SD	SNOTEL	20	40	4.6	8.9	6.4	72%	139%
Ditch Creek, SD	Manual Course	17	28	2.9	6.6	3.1	94%	213%
Little Bear Run	Manual Course	15	24	2.2	4.6	3.3	67%	139%
Mount Tom	Manual Course	19	26	2.5	5.1	3.7	68%	138%
North Rapid Creek, SD	SNOTEL	20	36	5.0	7.1	5.9	85%	120%
Drainage Average:							77%	144%

Comments: