

Division II Snowpack Report

Date: 2/1/2021

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	13	27	2.8	6.0	3.4	82%	176%
Cloud Peak Res.	SNOTEL	31	37	7.2	7.9	8.3	87%	95%
Grave Springs*	SNOTEL	13	27	2.9	6.5	4.9	59%	133%
Hansen Sawmill	SNOTEL	14	22	3.4	4.4	4.0	85%	110%
Middle Powder*	SNOTEL	19	31	4.2	7.4	6.3	67%	117%
Onion Gulch*	Manual Course	13	26	2.4	5.4	4.2	57%	129%
Powder River Pass*	SNOTEL	25	36	5.5	8.2	6.5	85%	126%
Soldier Park	SNOTEL	6	14	1.6	2.9			
Soldier Park	Manual Course		18		3.2	2.8		114%
Sour Dough	Manual Course	13	21	2.0	3.6	3.4	59%	106%
Drainage Average:							73%	123%

* = Station is located both in Powder River Drainage and Big Horn River Drainage

Soldier Park snow course was inaccessible, data are unavailable

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	19	23	4.3	4.8	4.9	88%	98%
Burgess Junction	SNOTEL	24	30	6.0	6.3	6.6	91%	95%
Dome Lake	SNOTEL	31	32	6.2	6.4	6.8	91%	94%
Little Goose	SNOTEL	25	29	5.6	5.8			
North Tongue	Manual Course	30	33	6.2	7.0	7.2	86%	97%
Sawmill Divide	Manual Course	31	39	7.0	7.6	8.0	88%	95%
Sucker Creek	SNOTEL	33	33	7.6	7.9	7.1	107%	111%
Tie Creek	SNOTEL	11	16	2.1	4.0	3.4	62%	118%
Wood Rock G.S.	Manual Course	22	29	4.4	5.2	5.4	81%	96%
Drainage Average:							87%	101%

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	40	53	9.7	13.4	10.8	90%	124%
Bear Trap Meadow*	SNOTEL	13	27	2.8	6.0	3.4	82%	176%
Bone Springs Divide	SNOTEL	38	44	8.5	10.6	9.8	87%	108%
Grave Springs*	SNOTEL	13	27	2.9	6.5	4.9	59%	133%
Medicine Lodge Lakes	Manual Course	29	39	4.6	7.8	6.4	72%	122%
Middle Powder*	SNOTEL	19	31	4.2	7.4	6.3	67%	117%
Onion Gulch	Manual Course	13	26	2.4	5.4	4.2	57%	129%
Powder River Pass*	SNOTEL	25	36	5.5	8.2	6.5	85%	126%
Ranger Creek	Manual Course	22	29	4.2	5.6	5.4	78%	104%
Shell Creek	SNOTEL	36	46	8.0	10.0	9.1	88%	110%
Tyrell Ranger Station	Manual Course	15	25	2.8	4.4	4.4	64%	100%
Drainage Average:							75%	123%

* = 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	5.3	5	0.6	1.1	1.5	40%	73%
Cole Canyon	SNOTEL	11	22	2.0	3.0	3.2	63%	94%
Mallo	Manual Course	15	26	1.3	5.8	4.6	28%	126%
Reuter Canyon	Manual Course	14	26	2.4	6.8	5.4	44%	126%
Upper Spearfish, SD	Manual Course	12	28	2.0	6.5	3.4	59%	191%
Drainage Average:							47%	122%

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	11	29	2.9	5.3	4.6	63%	115%
Ditch Creek, SD	Manual Course	12	22	1.8	3.9	2.2	82%	177%
Little Bear Run	Manual Course	9.7	16	1.2	3.0	2.6	46%	115%
Mount Tom	Manual Course	10	19	0.8	3.8	2.9	28%	131%
North Rapid Creek, SD	SNOTEL	13	24	3.7	4.7	4.3	86%	109%
Drainage Average:							61%	130%

Comments: