

Division II Snowpack Report

Date: 1-Apr-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	33	31	9.0	8.7	5.1	176%	171%
Cloud Peak Res.	SNOTEL	60	51	15.7	14.0	14.1	111%	99%
Grave Springs*	SNOTEL	29	34	7.5	9.7	8.9	84%	109%
Hansen Sawmill	SNOTEL	37	27	9.5	7.3	6.3	151%	116%
Middle Powder*	SNOTEL	42	42	11.3	12.0	11.4	99%	105%
Onion Gulch*	Manual Course	33	34	8.4	8.4	6.6	127%	127%
Powder River Pass*	SNOTEL	43	42	11.7	11.9	10	117%	119%
Soldier Park	SNOTEL	30	22	7.6	6.9			
Soldier Park	Manual Course	33	24	6.4	5.2	4.6	139%	113%
Sour Dough	Manual Course	39	31	8.2	7.0	6.4	128%	109%
Drainage Average:							126%	119%

* = 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	
		2021	Last Year	2021	Last Year	1981-2010	2021	Last Year
Big Goose	SNOTEL	38	31	9.4	8.6	8.9	106%	97%
Burgess Junction	SNOTEL	44	41	10.7	10.9	11.3	95%	96%
Dome Lake	SNOTEL	55	47	13.0	13.1	11.5	113%	114%
Little Goose	SNOTEL	48	37	12.3	10.4			
North Tongue	Manual Course	50	42	11.2	10.4	11.6	97%	90%
Sawmill Divide	Manual Course	58	49	12.4	12.4	11.7	106%	106%
Sucker Creek	SNOTEL	54	44	13.7	13.0	11.4	120%	114%
Tie Creek	SNOTEL	23	23	5.6	7.9	5.4	104%	146%
Wood Rock G.S.	Manual Course	39	36	8.4	8.4	9.1	92%	92%
Drainage Average:							104%	107%

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	61	66	16.4	20	18.6	88%	108%
Bear Trap Meadow*	SNOTEL	33	31	9.0	8.7	5.1	176%	171%
Bone Springs Divide	SNOTEL	57	55	15.2	16.7	15.9	96%	105%
Grave Springs*	SNOTEL	29	34	7.5	9.7	8.9	84%	109%
Medicine Lodge Lakes	Manual Course	49	47	11.2	11.6	10.2	110%	114%
Middle Powder*	SNOTEL	42	42	11.3	12.0	11.4	99%	105%
Onion Gulch*	Manual Course	33	34	8.4	8.4	6.6	127%	127%
Powder River Pass*	SNOTEL	43	42	11.7	11.9	10	117%	119%
Ranger Creek	Manual Course	37	36	8.4	8.4	7.8	108%	108%
Shell Creek	SNOTEL	59	54	14.4	14.3	14.5	99%	99%
Tyrell Ranger Station	Manual Course	30	31	6.6	7.6	5.9	112%	129%
Drainage Average:							111%	118%

* = 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	
		2021	Last Year	2021	Last Year	1981-2010	2021	Last Year
Bearlodge Divide	Manual Course	0	5.2	0.0	1.8	0.0	-	-
Cole Canyon	SNOTEL	13	**	4.4	**	5.8	76%	-
Mallo	Manual Course	11	22	3.0	7.4	5.9	51%	125%
Reuter Canyon	Manual Course	3.9	31	1.5	10.6	7.8	19%	136%
Upper Spearfish, SD	Manual Course	13	27	3.7	8.8	5.5	67%	160%
Drainage Average:							53%	140%

** Cole Canyon SNOTEL malfunctioned during 2020.

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	10	21	4.3	6.3	7.2	60%	88%
Ditch Creek, SD	Manual Course	16.7	28	4.5	7.2	3.6	125%	200%
Little Bear Run	Manual Course	5.1	15	1.2	4.3	2.4	50%	179%
Mount Tom	Manual Course	0	14	0	4.4	2.9	0%	152%
North Rapid Creek, SD	SNOTEL	17	21	5.7	6.9	6.7	85%	103%
Drainage Average:							64%	144%

Comments: