

Snowpack Report

February 1, 2021

North Platte River Drainage (Above Interstate 80)

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		30 Year Median	Percent of Median	
		2021	Last Year	2021	Last Year		2021	Last Year
Albany	Manual Course	22	na	4.4	9.4	7.9	56%	119%
Arapaho Ridge, CO	SNOTEL	44	53	10.3	13.9	13.2	78%	105%
Blackhall, WY	SNOTEL	55	69	14.4	18.8	NEW	NEW	NEW
Cameron Pass, CO	Manual Course	37	56	9.8	14.8	14.4	68%	103%
Cinnabar Park	SNOTEL	39	na	9.0	15.4	13.2	68%	117%
Columbine, CO	SNOTEL	37	58	9.8	17.8	14.7	67%	121%
Columbine Lodge, CO	Manual Course	35	na	8.5	15.5	12.9	66%	120%
Deep Lake, WY	Manual Course	72	89	20.2	25.0	21.8	93%	115%
Divide Peak, WY	SNOTEL	35	54	8.6	14.4	12.3	70%	117%
Fox Park #2, WY	Manual Course	17	na	2.8	na	8.0	na	na
Fox Park, WY	Manual Course	8	na	1.2	na	4.6	26%	na
Joe Wright, CO	SNOTEL	37	45	9.8	10.3	13.0	75%	79%
Med Bow, WY	SNOTEL	66	94	20.6	28.5	NEW	NEW	NEW
Moss Lake, WY	Manual Course	48	56	11.6	15.0	12.0	97%	125%
Moss Lake #2, WY	Manual Course	48	na	11.8	14.8	NEW	NEW	NEW
Never Summer, CO	SNOTEL	32	44	10.0	11.2	12.6	79%	89%
North Barrett Creek, WY	Manual Course	50	57	11.6	15.4	12.1	96%	127%
North French Creek, WY	SNOTEL	61	85	15.7	21.5	16.0	98%	134%
Old Battle, WY	SNOTEL	58	74	15.6	20.7	19.1	82%	108%
Park View, CO	Manual Course	na	21	na	4.3	5.5	na	78%
Purgatory Gulch, WY	Manual Course	26	28	5.8	7.4	7.2	81%	103%
Rawah, CO	SNOTEL	26	32	6.0	7.7	6.2	97%	124%
Ryan Park, WY	Manual Course	29	37	6.2	8.0	6.8	91%	118%
Sage Creek Basin, WY	SNOTEL	27	41	6.3	10.4	8.4	75%	124%
Sand Lake, WY	SNOTEL	58	64	15.3	18.2	16.5	93%	110%
South Brush Creek, WY	SNOTEL	22	41	6.2	8.4	7.3	85%	115%
Tower, CO	SNOTEL	53	93	15.8	28.1	27.5	57%	102%
Webber Springs, WY	SNOTEL	41	54	11.1	14.4	13.7	81%	105%
Whiskey Park	SNOTEL	51	73	14.4	21.6	16.0	90%	135%
Willow Creek Pass, CO	Manual Course	na	na	na	6.8	8.2	na	83%
Willow Creek Pass, CO	SNOTEL	26	31	6.0	7.2	7.6	79%	95%
Zirkel, CO	SNOTEL	39	59	10.4	18.1	18.5	56%	98%
Drainage Average:							77%	112%

Encampment River Drainage

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		30 Year Median	Percent of Median	
		2021	Last Year	2021	Last Year		2021	Last Year
Blackhall, WY	SNOTEL	55	69	14.4	18.8	NEW	NEW	NEW
Old Battle, WY	SNOTEL	58	74	15.6	20.7	19.1	82%	108%
Purgatory Gulch, WY	Manual Course	26	28	5.8	7.4	7.2	81%	103%
Webber Springs, WY	SNOTEL	41	54	11.1	14.4	13.7	81%	105%
Whiskey Park, WY	SNOTEL	51	73	14.4	21.6	16.0	90%	135%
Drainage Average:							84%	114%

Little Snake River Drainage

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		30 Year Average	Percent of Median	
		2021	Last Year	2021	Last Year		2021	Last Year
Battle Mountain, WY	SNOTEL	18	42	4.9	10.1	7.1	69%	142%
Butterhill, CO	Manual Course	29	42	6.7	10.7	7.9	85%	135%
Divide Peak, WY	SNOTEL	35	54	8.6	14.4	12.3	70%	117%
Elk River, CO	SNOTEL	37	49	8.5	13.6	11.2	76%	121%
Haskins Creek, WY	Manual Course	62	76	14.4	20.8	18.2	79%	114%
Little Snake River, WY	SNOTEL	52	65	12.1	18.4	15.5	78%	119%
Old Battle, WY	SNOTEL	58	74	15.6	20.7	19.1	82%	108%
Sage Creek Basin, WY	SNOTEL	27	41	6.3	10.4	8.4	75%	124%
Sandstone R. S., WY	SNOTEL	32	47	6.9	11.7	8.0	86%	146%
Whiskey Park, WY	SNOTEL	51	73	14.4	21.6	16.0	90%	135%
Drainage Average:							80%	123%

Comments:

This information is provided as a public service from the Wyoming State Engineer's Office.

Manual snow surveys are conducted at the end of January, February, March and April. Data from these surveys is combined with data from automated SNOTEL sites to come up with average snowpack values. For more information you can contact Chad Pickett, Robin Blake, or Justin Stern at 326-8130.

Snowpack Report

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Big Laramie 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
Cameron Pass, CO	Manual Course	37"	56"	9.8	14.8	14.4	68%	103%
Chambers Lake, CO	Manual Course	15"	26"	3.0	6.2	4.4	68%	141%
Deadman Hill, CO	SNOTEL	35"	46"	8.0	11.4	10.1	79%	113%
Fox Park, WY	Manual Course	8"	28"	1.2	5.8	4.6	26%	126%
Joe Wright, CO	SNOTEL	37"	45"	9.8	10.3	13.0	75%	79%
McIntyre, CO	Manual Course		*		*	*		*
Roach, CO	SNOTEL	30"	37"	6.9	9.3	10.0	69%	93%
Drainage Average:							68%	102%

* Data unavailable until May

Little Laramie 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
Albany	Manual Course	22"	41"	4.4	9.4	7.9	56%	119%
Brooklyn Lake	SNOTEL	41"	61"	11.3	17.1	12.0	94%	143%
Cinnabar Park	SNOTEL	39"	56"	9.0	15.4	13.2	68%	117%
Hairpin Turn	Manual Course	30"	41"	6.8	10.8	8.9	76%	121%
Libby Lodge	Manual Course	27"	35"	5.9	9.1	6.3	94%	144%
Drainage Average:							77%	128%

Crow Creek Drainage (Mountains east of Laramie)

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2021	Last Year	2021	Last Year	1981-2010	2021	Last Year
Crow Creek	SNOTEL	7"	22"	1.0	5.2	5.7	18%	91%
Pole Mountain	Manual Course	19"	34"	4.7	7.6	5.4	87%	141%
Drainage Average:							51%	115%

Medicine Bow River Drainage (Including Rock Creek)

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2021	Last Year	2021	Last Year	1981-2010	2021	Last Year
Deep Lake	Manual Course	72"	89"	20.2	25.0	21.8	93%	115%
Med Bow	SNOTEL	66"	94"	20.6	28.5			
Moss Lake	Manual Course	48"	56"	11.6	15.0	12.0	97%	125%
Sand Lake	SNOTEL	58"	64"	15.3	18.2	16.5	93%	110%
Drainage Average:							94%	116%

Little Medicine Bow 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
LaPrele Creek	SNOTEL	24"	36"	4.1	7.9	5.4	76%	146%
Drainage Average:							76%	146%

Comments:

The first manual snow survey for 2021 was finished on January 29, 2021. The snowpack in the mountains west of Laramie show that the southern part of the mountains are at 68% of median using the new 30 year median, and the northern end of the mountains are at 94% of median using the new 30 year median. Last year at this time they were 102% -116% using the 30 year median. The mountains east of Laramie show the snowpack at 51% of median, compared to 115% last year. While these numbers may be slightly below average it is too early in the year to know what kind of snowpack we will have by spring.

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Note: You can see all Snowpack Reports at this website.

<http://snow.wyo.gov/snow-data/seo-snowpack-reports-by-drainage>