

Snowpack Report

March 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, WY	Manual Course	31	na	7.6	13	10.6	72%	123%
Arapaho Ridge, CO	SNOTEL	65	66	16.8	18.8	16.7	101%	113%
Blackhall, WY	SNOTEL	82	77	23.1	24.5	NEW	NEW	NEW
Cameron Pass, CO	Manual Course	53	81	15.2	24.6	19.6	78%	126%
Cinnabar Park, WY	SNOTEL	56	na	14.5	20.9	17.1	85%	122%
Columbine, CO	SNOTEL	62	79	18.7	27.7	19.8	94%	140%
Columbine Lodge, CO	Manual Course	56	na	16.3	21.8	17.8	92%	122%
Deep Lake, WY	Manual Course	100	103	32.2	32.4	28.4	113%	114%
Divide Peak, WY	SNOTEL	48	54	12.4	17.6	15.8	78%	111%
Fox Park, WY	Manual Course	15	na	3.2	8.7	6.0	53%	145%
Joe Wright, CO	SNOTEL	53	65	14.5	18.1	16.6	87%	109%
Laprele Creek, WY	SNOTEL	32	na	6.3	10.9	7.8	81%	140%
Med Bow, WY	SNOTEL	102	107	32.5	37.6	NEW	NEW	NEW
Moss Lake, WY	Manual Course	67	74	19.4	22.0	16.6	117%	133%
Never Summer, CO	SNOTEL	45	57	14.4	16.7	16.2	89%	103%
North Barrett Creek, WY	Manual Course	66	82	17.4	23.6	17.0	102%	139%
North French Creek, WY	SNOTEL	83	94	23.3	29.3	21.1	110%	139%
Old Battle, WY	SNOTEL	85	80	23.8	25.7	23.9	100%	108%
Park View, CO	Manual Course	27	33	5.9	7.2	7.2	82%	100%
Purgatory Gulch, WY	Manual Course	31	37	7.8	10.0	8.8	89%	114%
Rawah, CO	SNOTEL	33	40	8.2	11.0	8.8	93%	125%
Ryan Park, WY	Manual Course	35	52	8.2	13.4	9.4	87%	143%
Sage Creek Basin, WY	SNOTEL	43	46	12.3	13.3	10.6	116%	125%
Sand Lake, WY	SNOTEL	80	79	22.6	24.6	21.2	107%	116%
South Brush Creek, WY	SNOTEL	28	43	8.4	11.5	10.3	82%	112%
Tower, CO	SNOTEL	99	112	29.5	39.2	36.3	81%	108%
Webber Springs, WY	SNOTEL	62	60	16.8	18.1	18.7	90%	97%
Whiskey Park, WY	SNOTEL	81	82	24.0	29.1	21.5	112%	135%
Willow Creek Pass, CO	Manual Course	37	na	8.7	10.8	10.3	84%	105%
Willow Creek Pass, CO	SNOTEL	38	44	9.2	11.2	9.5	97%	118%
Zirkel, CO	SNOTEL	63	70	18.6	24.8	23.0	81%	108%
Drainage Average:							94%	119%

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	82	79	23.1	24.1	NEW	NEW	NEW
Old Battle, WY	SNOTEL	85	92	23.8	25.7	23.9	100%	108%
Purgatory Gulch, WY	Manual Course	31	39	7.8	10.0	8.8	89%	114%
Webber Springs, WY	SNOTEL	62	72	16.8	18.1	18.7	90%	97%
Whiskey Park, WY	SNOTEL	81	74	24.0	29.1	21.5	112%	135%
Drainage Average:							99%	114%

Little Snake 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
Battle Mountain, WY	SNOTEL	28	42	7.8	12.6	9.9	79%	127%
Butterhill, CO	Manual Course	39	42	10.2	15.0	11.5	89%	130%
Divide Peak, WY	SNOTEL	48	0	12.4	17.6	15.8	78%	111%
Elk River, CO	SNOTEL	49	52	13.4	18.4	15.5	86%	119%
Elkhead Divide, CO	SNOTEL	50	na	12.6	18.5	NEW	NEW	NEW
Haskins Creek, WY	Manual Course	79	79	23.6	26.2	24.4	97%	107%
Little Snake River, WY	SNOTEL	75	71	19.9	23.7	19.7	101%	120%
Old Battle, WY	SNOTEL	85	0	23.8	25.7	23.9	100%	108%
Sage Creek Basin, WY	SNOTEL	43	na	12.3	13.3	10.6	116%	125%
Sandstone R. S., WY	SNOTEL	45	na	10.9	14.5	10.4	105%	139%

Whiskey Park, WY	SNOTEL	81	74	24.0	29.1	21.5	112%	135%
Drainage Average:							97%	120%

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 are combined with data from automated SNOTEL sites to come up with percent of average snowpack values. For more information you can contact Chad Pickett or Robin Blake at 307-326-8130.

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	53"	81"	15.2	24.6	19.6	78%	126%
Chambers Lake, CO	Manual Course	23"	37"	5.5	8.9	5.8	98%	153%
Deadman Hill, CO	SNOTEL	54"	56"	12.9	15.4	12.4	104%	124%
Fox Park, WY	Manual Course	15"	37"	3.2	8.7	6.0	53%	145%
Joe Wright, CO	SNOTEL	53"	65"	14.5	18.1	16.6	87%	109%
McIntyre, CO	Manual Course		*		*	*		
Roach, CO	SNOTEL	47"	46"	10.9	12.4	12.4	88%	100%
Drainage Average:							85%	121%

* 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	31"	50"	7.6	13.0	10.6	72%	123%
Brooklyn Lake	SNOTEL	67"	74"	19.2	23.3	15.0	128%	155%
Cinnabar Park	SNOTEL	56"	69"	14.5	20.9	17.1	85%	122%
Hairpin Turn	Manual Course	45"	52"	11.6	14.8	11.5	101%	129%
Libby Lodge	Manual Course	40"	46"	9.0	12.2	8.4	107%	145%
Drainage Average:							99%	135%

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	14"	27"	2.1	7.2	6.7	31%	107%
Pole Mountain	Manual Course	26"	38"	5.4	8.8	6.6	82%	133%
Drainage Average:							56%	120%

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	100"	103"	32.2	32.4	28.4	113%	114%
Medicine Bow	SNOTEL	102"	107"	32.5	37.6			
Moss Lake	Manual Course	67"	74"	19.4	22.0	16.6	117%	133%
Sand Lake	SNOTEL	80"	79"	22.6	24.6	21.2	107%	116%
Drainage Average:							112%	119%

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	32"	47"	6.3	10.9	7.8	81%	140%
Drainage Average:							81%	140%

Comments:

The second manual snow survey for 2021 was finished on February 26, 2021. The snowpack in the mountains west of Laramie show that the southern part of the mountains are at 85% of median using the new 30 year median, and the northern end of the mountains are at 112% of median using the new 30 year median. Last year at this time they were 119% to 121% using the new 30 year median. The mountains east of Laramie show the snowpack at 56% of median, compared to 120% last year. While these numbers may be slightly below average to above average on one, 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 monthly Snowpack Reports at this website.

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