

Snowpack Report

April 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	39	na	12.7	14.8	12.2	104%	121%
Arapaho Ridge, CO	SNOTEL	65	72	20.4	22.8	19.8	103%	115%
Blackhall, WY	SNOTEL	79	86	27.4	30.3	NEW	NEW	NEW
Cameron Pass, CO	Manual Course	65	na	20.5	na	25.1	82%	#VALUE!
Cinnabar Park, WY	SNOTEL	59	na	18.7	23.0	20	94%	115%
Columbine, CO	SNOTEL	54	68	21.9	30.4	22.8	96%	133%
Columbine Lodge, CO	Manual Course	49	na	18.5	na	20.6	90%	#VALUE!
Deep Lake, WY	Manual Course	108	112	39.4	38.0	34.6	114%	110%
Divide Peak, WY	SNOTEL	48	58	16.2	21.1	19.5	83%	108%
Joe Wright, CO	SNOTEL	61	68	19.5	22.1	20.2	97%	109%
Laprele Creek, WY	SNOTEL	40	na	11.0	12.3	9.5	116%	129%
Med Bow, WY	SNOTEL	101	113	38.5	43.4	NEW	NEW	NEW
Moss Lake, WY	Manual Course	64	75	21.4	24.8	19.9	108%	125%
Moss Lake, WY	Manual Course	67	na	21.4	na	NEW	NEW	NEW
Never Summer, CO	SNOTEL	50	60	17.5	19.8	19.6	89%	101%
North Barrett Creek, WY	Manual Course	64	75	21.4	24.6	20.9	102%	118%
North French Creek, WY	SNOTEL	79	94	27.8	33.4	28	99%	119%
Old Battle, WY	SNOTEL	87	102	28.1	31.9	29.6	95%	108%
Park View, CO	Manual Course	29	na	7.0	na	8.8	80%	#VALUE!
Purgatory Gulch, WY	Manual Course	35	39	10.8	11.4	11.4	95%	100%
Rawah, CO	SNOTEL	35	33	11.5	12.4	10.3	112%	120%
Ryan Park, WY	Manual Course	32	45	9.4	13.8	9.8	96%	141%
Sage Creek Basin, WY	SNOTEL	43	41	17.3	15.8	12.7	136%	124%
Sand Lake, WY	SNOTEL	90	89	28.9	29.6	27.5	105%	108%
South Brush Creek, WY	SNOTEL	22	39	10.0	13.8	12.2	82%	113%
Tower, CO	SNOTEL	93	120	34.2	45.9	44	78%	104%
Webber Springs, WY	SNOTEL	59	70	19.5	23.0	23	85%	100%
Whiskey Park, WY	SNOTEL	68	79	27.9	32.9	25.8	108%	128%
Willow Creek Pass, CO	Manual Course	39	na	10.1	na	11.6	87%	na
Willow Creek Pass, CO	SNOTEL	43	47	11.5	13.3	11.8	97%	113%
Zirkel, CO	SNOTEL	53	65	22.8	29.1	26.4	86%	110%
							100%	114%

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	79	86	27.4	30.3	NEW	NEW	NEW
Old Battle, WY	SNOTEL	87	102	28.1	31.9	29.6	95%	108%
Purgatory Gulch, WY	Manual Course	35	39	10.8	11.4	11.4	95%	100%
Webber Springs, WY	SNOTEL	59	70	19.5	23.0	23	85%	100%
Whiskey Park, WY	SNOTEL	68	79	27.9	32.9	25.8	108%	128%
							96%	110%

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	22	29	7.8	12.7	10.6	74%	120%
Butterhill, CO	Manual Course	36	na	11.2	na	12.6	89%	#VALUE!
Divide Peak, WY	SNOTEL	48	58	16.2	21.1	19.5	83%	108%
Elk River, CO	SNOTEL	43	52	16.6	20.6	18.5	90%	111%
Haskins Creek, WY	Manual Course	76	92	26.0	31.4	27.7	94%	113%
Little Snake River, WY	SNOTEL	63	75	22.9	28.0	23.2	99%	121%
Old Battle, WY	SNOTEL	87	102	28.1	31.9	29.6	95%	108%
Sage Creek, WY	SNOTEL	43	41	17.3	15.8	12.7	136%	124%
Sandstone R. S., WY	SNOTEL	36	43	12.7	17.5	13.1	97%	134%
Whiskey Park, WY	SNOTEL	68	79	27.9	32.9	25.8	108%	128%
							97%	117%

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 or Robin Blake 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	65"	*	20.5	*	25.1	82%	*
Chambers Lake, CO	Manual Course	28"	*	7.5	*	6.6	114%	*
Deadman Hill, CO	SNOTEL	73"	61"	18.8	18.4	15.6	121%	118%
Fox Park, WY	Manual Course	19"	36"	5.6	9.0	7.6	74%	118%
Joe Wright, CO	SNOTEL	61"	68"	19.5	22.1	20.2	97%	109%
McIntyre, CO	Manual Course	42"	*	11.6	*	8.8	132%	*
Roach, CO	SNOTEL	56"	50"	15.7	15.2	15.6	101%	98%
Drainage Average:							100%	110%

* Data unavailable from NRCS at this time.

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	39"	47"	12.7	14.8	12.2	104%	121%
Brooklyn Lake	SNOTEL	72"	80"	24.2	27.7	20.0	121%	139%
Cinnabar Park	SNOTEL	59"	67"	18.7	23.0	20.0	94%	115%
Hairpin Turn	Manual Course	51"	54"	15.6	16.8	13.4	116%	125%
Libby Lodge	Manual Course	45"	44"	14.6	13.0	9.6	152%	135%
Drainage Average:							114%	127%

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	20"	23"	5.4	7.8	6.8	79%	115%
Pole Mountain	Manual Course	35"	36"	9.8	9.0	7.6	129%	118%
Drainage Average:							106%	117%

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	108"	112"	39.4	38.0	34.6	114%	110%
Medicine Bow	SNOTEL	101"	113"	38.5	43.4			
Moss Lake	Manual Course	64"	75"	21.4	24.8	19.9	108%	125%
Sand Lake	SNOTEL	90"	89"	28.9	29.6	27.5	105%	108%
Drainage Average:							109%	113%

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	40"	41"	11.0	12.3	9.5	116%	129%
Drainage Average:							116%	129%

Comments:

The third manual snow survey for 2021 was finished on March 31, 2021. The snowpack in the mountains west of Laramie show that the southern part of the mountains are at 100% of median using the new 30 year median, and the northern end of the mountains are at 109% of median using the new 30 year median. Last year at this time they were 110% to 113% using the new 30 year median. The mountains east of Laramie show the snowpack at 106% of median, compared to 117% last year. With these numbers being near to above average, it is still early enough 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>