

Snowpack Report

March 1, 2019

North Platte River Drainage (Above Interstate 80)

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		30 Year Median	Percent of Median	
		2019	Last Year	2019	Last Year		2019	Last Year
Arapaho Ridge, CO	SNOTEL	67	57	18.9	16	16.7	113%	96%
Blackhall, WY	SNOTEL	79	72	24.1	22.1	NEW	NEW	NEW
Cameron Pass, CO	Manual Course	59	55	19.6	18.0	19.6	100%	92%
Columbine, CO	SNOTEL	64	50	21.7	18.2	19.8	110%	92%
Deep Lake, WY	Manual Course	77	93	26.2	30.8	28.4	92%	108%
Divide Peak, WY	SNOTEL	54	42	15.8	10.9	15.8	100%	69%
Joe Wright, CO	SNOTEL	52	46	15.0	13.3	16.6	90%	80%
Med Bow, WY	SNOTEL	81	63	28.3	32.8	NEW	NEW	NEW
Moss Lake, WY	Manual Course	53	60	17.2	17.6	16.6	104%	106%
Never Summer, CO	SNOTEL	54	48	16.0	14.4	16.2	99%	89%
North Barrett Creek, WY	Manual Course	56	57	17.2	16.4	17.0	101%	96%
North French Creek, WY	SNOTEL	71	72	22.3	21.9	21.1	106%	104%
Old Battle, WY	SNOTEL	92	71	27.9	20.5	23.9	117%	86%
Park View, CO	Manual Course	27	24	5.6	5.2	7.2	78%	72%
Purgatory Gulch, WY	Manual Course	39	31	11.4	8.0	8.8	130%	91%
Rawah, CO	SNOTEL	33	32	9.0	9.0	8.8	102%	102%
Roach, CO	SNOTEL	47	42	12.2	11.3	12.4	98%	91%
Ryan Park, WY	Manual Course	36	36	10.0	9.2	9.4	106%	98%
Sage Creek Basin, WY	SNOTEL	54	33	14.5	7.5	10.6	137%	71%
Sand Lake, WY	SNOTEL	77	74	21.3	21.1	21.2	100%	100%
South Brush Creek, WY	SNOTEL	33	30	8.2	8.0	10.3	80%	78%
Tower, CO	SNOTEL	113	85	39.6	27.1	36.3	109%	75%
Webber Springs, WY	SNOTEL	72	56	19.9	15.3	18.7	106%	82%
Whiskey Park, WY	SNOTEL	74	63	22.8	18.8	21.5	106%	87%
Willow Creek Pass, CO	SNOTEL	40	42	11.0	10.7	9.5	116%	113%
Zirkel, CO	SNOTEL	75	64	24.8	21.4	23.0	108%	93%
Drainage Average:							105%	91%

Encampment River Drainage

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		30 Year Median	Percent of Median	
		2019	Last Year	2019	Last Year		2019	Last Year
Blackhall, WY	SNOTEL	79	72	24.1	22.1	NEW	NEW	NEW
Old Battle, WY	SNOTEL	92	71	27.9	20.5	23.9	117%	86%
Purgatory Gulch, WY	Manual Course	39	31	11.4	8.0	8.8	130%	91%
Webber Springs, WY	SNOTEL	72	56	19.9	15.3	18.7	106%	82%
Whiskey Park, WY	SNOTEL	74	63	22.8	18.8	21.5	106%	87%
Drainage Average:							112%	86%

Little Snake River Drainage

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		30 Year Median	Percent of Median	
		2019	Last Year	2019	Last Year		2019	Last Year
Battle Mountain, WY	SNOTEL	42	23	10.6	5.4	9.9	107%	55%
Butterhill, CO	Manual Course	42	34	11.2	9.3	11.5	97%	81%
Divide Peak, WY	SNOTEL	54	42	15.8	10.9	15.8	100%	69%
Elk River, CO	SNOTEL	52	43	15	12.3	15.5	97%	79%
Haskins Creek, WY	Manual Course	79	68	24.8	19.0	24.4	102%	78%
Little Snake River, WY	SNOTEL	71	61	22.2	17.3	19.7	113%	88%
Old Battle, WY	SNOTEL	92	71	27.9	20.5	23.9	117%	86%
Sage Creek Basin, WY	SNOTEL	54	33	14.5	7.5	10.6	137%	71%
Sandstone R. S., WY	SNOTEL	49	35	13.6	7.4	10.4	131%	71%
Whiskey Park, WY	SNOTEL	74	63	22.8	18.8	21.5	106%	87%
Drainage Average:							109%	79%

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	
		2019	Last Year	2019	Last Year	1981-2010	2019	Last Year
Cameron Pass, CO	Manual Course	59"	55"	19.6	18.0	19.6	100%	92%
Chambers Lake, CO	Manual Course	22"	15"	5.3	3.4	5.8	91%	59%
Deadman Hill, CO	SNOTEL	52"	56"	14.2	15.9	12.4	115%	128%
Fox Park, WY	Manual Course	24"	10"	4.6	2.1	6.0	77%	35%
Joe Wright, CO	SNOTEL	52"	46"	15.0	13.3	16.6	90%	80%
McIntyre, CO	Manual Course		*		*	*		
Roach, CO	SNOTEL	47"	42"	12.2	11.3	12.4	98%	91%
Drainage Average:							97%	88%

* Data unavailable until May

Little Laramie River Drainage

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2019	Last Year	2019	Last Year	1981-2010	2019	Last Year
Albany	Manual Course	38"	39"	9.4	11.2	10.6	89%	106%
Brooklyn Lake	SNOTEL	60"	65"	17.3	19.7	15.0	115%	131%
Cinnabar Park	SNOTEL	55"	62"	15.8	18.3	17.1	92%	107%
Hairpin Turn	Manual Course	42"	46"	10.3	13.9	11.5	90%	121%
Libby Lodge	Manual Course	36"	41"	8.6	11.0	8.4	102%	131%
Drainage Average:							98%	118%

Crow Creek Drainage (Mountains east of Laramie)

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2019	Last Year	2019	Last Year	1981-2010	2019	Last Year
Crow Creek	SNOTEL	13"	11"	3.1	2.5	6.7	46%	37%
Pole Mountain	Manual Course	26"	28"	5.4	5.4	6.6	82%	82%
Drainage Average:							64%	59%

Medicine Bow River Drainage (Including Rock Creek)

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2019	Last Year	2019	Last Year	1981-2010	2019	Last Year
Deep Lake	Manual Course	77"	93"	26.2	30.8	28.4	92%	108%
Medicine Bow	SNOTEL	80"	96"	28.3	32.8			
Moss Lake	Manual Course	53"	60"	17.2	17.6	16.6	104%	106%
Sand Lake	SNOTEL	72"	74"	21.3	21.1	21.2	100%	100%
Drainage Average:							98%	105%

Little Medicine Bow River Drainage

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2019	Last Year	2019	Last Year	1981-2010	2019	Last Year
LaPrele Creek	SNOTEL	37"	24"	9.2	5.3	7.8	118%	68%
Drainage Average:							118%	68%

Comments:

The second manual snow survey for 2019 was finished on February 28, 2019. The snowpack in the mountains west of Laramie show that the southern part of the mountains are at 97% of median using the new 30 year median, and the northern end of the mountains are at 98% of median using the new 30 year median. Last year at this time they were 88% to 105% using the new 30 year median. The mountains east of Laramie show the snowpack at 64% of median, compared to 59% last year. While these numbers may be below or above 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 monthly Snowpack Reports at this website.

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