

Snowpack Report

01 February 2019

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	60"	41"	16.2	11.8	14.4	113%	82%
Chambers Lake, CO	Manual Course	25"	15"	5.7	3.2	4.4	130%	73%
Deadman Hill, CO	SNOTEL	46"	47"	11.1	12.0	10.1	110%	119%
Fox Park, WY	Manual Course	28"	12"	4.6	2.8	4.6	100%	61%
Joe Wright, CO	SNOTEL	50"	35"	13.0	9.9	13.0	100%	76%
McIntyre, CO	Manual Course		*		*	*		
Roach, CO	SNOTEL	39"	31"	9.0	8.6	10.0	90%	86%
						Drainage Average:	105%	83%

* 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	36"	32"	8.1	8.8	7.9	103%	111%
Brooklyn Lake	SNOTEL	49"	51"	13.7	14.4	12.0	114%	120%
Cinnabar Park	SNOTEL	47"	51"	12.7	14.7	13.2	96%	111%
Hairpin Turn	Manual Course	34"	36"	7.6	9.7	8.9	85%	109%
Libby Lodge	Manual Course	32"	32"	7.0	8.7	6.3	111%	138%
						Drainage Average:	102%	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	14"	8"	2.8	1.7	5.7	49%	30%
Pole Mountain	Manual Course	26"	22"	4.7	4.2	5.4	87%	78%
						Drainage Average:	68%	54%

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	78"	75"	21.6	23.8	21.8	99%	109%
Med Bow	SNOTEL	77"	77"	23.4	25.3			
Moss Lake	Manual Course	57"	50"	13.6	14.2	12.0	113%	118%
Sand Lake	SNOTEL	67"	59"	17.4	16.3	16.5	105%	99%
						Drainage Average:	105%	108%

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"	20"	8.1	4.1	5.4	150%	76%
						Drainage Average:	150%	76%

Comments:

The first manual snow survey for 2019 was finished on January 31, 2019. The snowpack in the mountains west of Laramie show that the southern part of the mountains are at 105% of median using the new 30 year median, and the northern end of the mountains are at 105% of median using the new 30 year median. Last year at this time they were 83% to 108% using the 30 year median. The mountains east of Laramie show the snowpack at 68% of median, compared to 54% last year. While these numbers may be slightly above average it is too early in the year to know what kind of snowpack we will have by spring.

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 Rod Oliver at 760-4167, or Adam Skadsen or Josh DeBerard at 742-0023.

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

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

Snowpack Report

February 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	57	44	14.5	11.9	13.2	110%	90%
Blackhall, WY	SNOTEL	67	55	18.0	15.8	NEW	NEW	NEW
Cameron Pass, CO	Manual Course	60	41	16.2	11.8	14.4	113%	82%
Columbine, CO	SNOTEL	59	36	16.3	11.4	14.7	111%	78%
Deep Lake, WY	Manual Course	78	75	21.6	23.8	21.8	99%	109%
Divide Peak, WY	SNOTEL	47	32	12.2	8.6	12.3	99%	102%
Joe Wright	SNOTEL	50	35	13.0	9.9	13.0	100%	76%
Med Bow	SNOTEL	77	77	23.4	25.3	NEW	NEW	NEW
Moss Lake, WY	Manual Course	57	50	13.6	14.2	12.0	113%	118%
Never Summer, CO	SNOTEL	52	37	12.8	10.8	12.6	102%	86%
North Barrett Creek, WY	Manual Course	61	47	13.2	13.5	12.1	109%	112%
North French Creek, WY	SNOTEL	69	60	18.7	17.2	16.0	117%	108%
Old Battle, WY	SNOTEL	72	54	20.3	14.8	19.1	106%	77%
Park View, CO	Manual Course	26	36	4.8	4.3	5.5	87%	78%
Purgatory Gulch, WY	Manual Course	38	23	8.6	6.6	7.2	119%	92%
Rawah, CO	SNOTEL	30	23	6.8	6.5	6.2	110%	105%
Roach, WY	SNOTEL	39	31	9.0	8.7	10.0	90%	87%
Ryan Park, WY	Manual Course	41	30	8.6	9.2	6.8	126%	135%
Sage Creek Basin, WY	SNOTEL	45	26	11.3	5.9	8.4	135%	112%
Sand Lake, WY	SNOTEL	67	59	17.4	16.3	16.5	105%	99%
South Brush Creek, WY	SNOTEL	32	23	7.2	6.1	7.3	99%	84%
Tower, CO	SNOTEL	90	59	29.6	18.1	27.5	108%	66%
Webber Springs, WY	SNOTEL	54	41	14.0	10.7	13.7	102%	78%
Whiskey Park	SNOTEL	63	47	16.2	12.4	16.0	101%	78%
Willow Creek Pass, CO	SNOTEL	36	na	8.7	8.2	7.6	114%	108%
Zirkel, CO	SNOTEL	54	41	16.6	12.5	18.5	90%	68%
Drainage Average:							106%	88%

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	67	55	18.0	15.8	NEW	NEW	NEW
Old Battle, WY	SNOTEL	72	54	20.3	14.8	19.1	106%	77%
Purgatory Gulch, WY	Manual Course	38	23	8.6	6.6	7.2	119%	92%
Webber Springs, WY	SNOTEL	54	41	14.0	10.7	13.7	102%	78%
Whiskey Park, WY	SNOTEL	63	47	16.2	12.4	16.0	101%	78%
Drainage Average:							106%	79%

Little Snake River Drainage

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		30 Year Average	Percent of Median	
		2019	Last Year	2019	Last Year		2019	Last Year
Battle Mountain, WY	SNOTEL	37	14	8.3	3.4	7.1	117%	48%
Butterhill, CO	Manual Course	43	22	8.6	5.6	7.9	109%	71%
Divide Peak, WY	SNOTEL	47	na	12.2	8.6	12.3	99%	70%
Elk River, CO	SNOTEL	45	30	11.3	8.3	11.2	101%	74%
Haskins Creek, WY	Manual Course	77	51	19.4	13.6	18.2	107%	75%
Little Snake River, WY	SNOTEL	57	43	15	11.3	15.5	97%	73%
Old Battle, WY	SNOTEL	72	54	20.3	14.8	19.1	106%	77%
Sage Creek Basin, WY	SNOTEL	45	0	11.3	5.9	8.4	135%	70%
Sandstone R. S., WY	SNOTEL	40	23	10.1	5.2	8.0	126%	65%
Whiskey Park, WY	SNOTEL	63	0	16.2	12.4	16.0	101%	78%
Drainage Average:							107%	72%

Comments:

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