

Snowpack Report

01 March 2017

Big Laramie River Drainage

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2017	Last Year	2017	Last Year	1981-2010	2017	Last Year
Cameron Pass, CO	Manual Course	67"	50"	23.6	16.2	19.6	120%	83%
Chambers Lake, CO	Manual Course	32"	23"	10.3	5.4	5.8	178%	93%
Deadman Hill, CO	SNOTEL	64"	51"	18.1	13.3	12.4	146%	107%
Fox Park, WY	Manual Course	24"	30"	5.9	6.8	6.0	98%	113%
Joe Wright, CO	SNOTEL	59"	39"	17.5	11.4	16.6	105%	69%
McIntyre, CO	Manual Course					*		
Roach, CO	SNOTEL	52"		15.0	12.0	12.4	121%	97%
Drainage Average:							124%	94%

* Data unavailable until May

Little Laramie River Drainage

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2017	Last Year	2017	Last Year	1981-2010	2017	Last Year
Albany	Manual Course	45"	42"	11.9	10.3	10.6	112%	97%
Brooklyn Lake	SNOTEL	75"	58"	21.7	17.0	15.0	145%	113%
Cinnabar Park	SNOTEL	61"	55"	17.1	15.5	17.1	100%	91%
Hairpin Turn	Manual Course	57"	41"	16.6	13.5	11.5	144%	117%
Libby Lodge	Manual Course	51"	36"	14.0	9.8	8.4	167%	117%
Drainage Average:							130%	107%

Crow Creek Drainage (Mountains east of Laramie)

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2017	Last Year	2017	Last Year	1981-2010	2017	Last Year
Crow Creek	SNOTEL	18"	21"	4.7	5.9	6.7	70%	88%
Pole Mountain	Manual Course	32"	35"	6.8	10.8	6.6	103%	164%
Drainage Average:							86%	126%

Medicine Bow River Drainage (Including Rock Creek)

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2017	Last Year	2017	Last Year	1981-2010	2017	Last Year
Deep Lake	Manual Course	104"	77"	31.8	23.7	28.4	112%	83%
Medicine Bow	SNOTEL	99"	74"	33.7	24.7			
Moss Lake	Manual Course	64"	49"	21.4	15.8	16.6	129%	95%
Sand Lake	SNOTEL	90"	64"	25.6	18.9	21.2	121%	89%
Drainage Average:							119%	88%

Little Medicine Bow River Drainage

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2017	Last Year	2017	Last Year	1981-2010	2017	Last Year
LaPrele Creek	SNOTEL	44"	30"	10.3	6.9	7.8	132%	88%
Drainage Average:							132%	88%

Comments:

The second manual snow survey for 2017 was finished on February 28, 2017. The snowpack in the mountains west of Laramie show that the southern part of the mountains are at 124% of median using the new 30 year median, and the northern end of the mountains are at 119% of median using the new 30 year median. Last year at this time they were 88% to 94% using the new 30 year median. The mountains east of Laramie show the snowpack at 86% of median, compared to 126% last year. While these numbers may be near or 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 at 742-0023, or John Mumm at 322-4163.

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

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

Snowpack Report

March 1, 2017

North Platte River Drainage (Above Interstate 80)

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		30 Year Median	Percent of Median	
		2017	Last Year	2017	Last Year		2017	Last Year
Arapaho Ridge, CO	SNOTEL	71	59	22.5	17	16.7	135%	102%
Blackhall, WY	SNOTEL	103	70	32.8	22.0	NEW	NEW	NEW
Cameron Pass, CO	Manual Course	67	50	23.6	16.2	19.6	120%	83%
Columbine, CO	SNOTEL	69	57	22.7	18.0	19.8	115%	91%
Deep Lake, WY	Manual Course	104	na	31.8	23.7	28.4	112%	83%
Divide Peak, WY	SNOTEL	64	44	17.9	14.4	15.8	113%	91%
Joe Wright, CO	SNOTEL	59	na	17.5	11.4	16.6	105%	69%
Med Bow, WY	SNOTEL	99	na	33.7	na	NEW	NEW	NEW
Moss Lake, WY	Manual Course	64	49	21.4	15.8	16.6	129%	95%
Never Summer, CO	SNOTEL	65	46	20.4	13.1	16.2	126%	81%
North Barrett Creek, WY	Manual Course	57	55	16.0	17.4	17.0	94%	102%
North French Creek, WY	SNOTEL	82	62	22.3	19.0	21.1	106%	90%
Old Battle, WY	SNOTEL	106	na	33.4	20.9	23.9	140%	87%
Park View, CO	Manual Course	36	28	11.1	7.9	7.2	154%	110%
Purgatory Gulch, WY	Manual Course	52	37	15.2	10.6	8.8	173%	120%
Rawah, CO	SNOTEL	na	31	12.0	9.7	8.8	136%	110%
Roach, CO	SNOTEL	52	na	15.0	12.1	12.4	121%	98%
Ryan Park, WY	Manual Course	34	35	9.0	9.6	9.4	96%	102%
Sage Creek Basin, WY	SNOTEL	49	42	14.8	12.3	10.6	140%	116%
Sand Lake, WY	SNOTEL	90	64	25.6	18.9	21.2	121%	89%
South Brush Creek, WY	SNOTEL	40	33	10.1	9.2	10.3	98%	89%
Tower, CO	SNOTEL	113	82	37.7	27.1	36.3	104%	75%
Webber Springs, WY	SNOTEL	84	53	26.2	15.8	18.7	140%	84%
Whiskey Park, WY	SNOTEL	79	na	24.8	19.4	21.5	115%	90%
Willow Creek Pass, CO	SNOTEL	56	na	15.8	10.6	9.5	166%	112%
Zirkel, CO	SNOTEL	97	60	37.5	21.3	23.0	163%	93%
Drainage Average:						123%	91%	

504.3 371.4 409.4

Encampment River Drainage

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		30 Year Median	Percent of Median	
		2017	Last Year	2017	Last Year		2017	Last Year
Blackhall, WY	SNOTEL	103	70	32.8	22.0	NEW	NEW	NEW
Old Battle, WY	SNOTEL	106	na	33.4	20.9	23.9	140%	87%
Purgatory Gulch, WY	Manual Course	52	37	15.2	10.6	8.8	173%	120%
Webber Springs, WY	SNOTEL	84	53	26.2	15.8	18.7	140%	84%
Whiskey Park, WY	SNOTEL	79	58	24.8	19.4	21.5	115%	90%
Drainage Average:						137%	91%	

99.6 66.7 72.9

Snowpack Report

March 1, 2017

Little Snake River Drainage

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		30 Year Median	Percent of Median	
		2017	Last Year	2017	Last Year		2017	Last Year
Battle Mountain, WY	SNOTEL	37	33	11.0	11.0	9.9	111%	111%
Butterhill, CO	Manual Course	48	38	13.3	11.1	11.5	116%	97%
Divide Peak, WY	SNOTEL	64	na	17.9	14.4	15.8	113%	91%
Elk River, CO	SNOTEL	na	na	19.5	13.5	15.5	126%	87%
Haskins Creek, WY	Manual Course	96	63	30.0	21.4	24.4	123%	88%
Little Snake River, WY	SNOTEL	90	53	29.7	16.9	19.7	151%	86%
Old Battle, WY	SNOTEL	106	na	33.4	20.9	23.9	140%	87%
Sage Creek Basin, WY	SNOTEL	49	42	14.8	12.3	10.6	140%	116%
Sandstone R. S., WY	SNOTEL	53	32	12.2	8.8	10.4	117%	85%
Whiskey Park, WY	SNOTEL	79	58	24.8	19.4	21.5	115%	90%
Drainage Average:							127%	92%
				206.6	149.7	163.2		

Comments:

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