

# Snowpack Report

01 April 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	58"	85"	24.8	24.3	25.1	99%	97%
Chambers Lake, CO	Manual Course	16"	36"	6.0	8.8	6.6	91%	133%
Deadman Hill, CO	SNOTEL	59"	85"	20.1	20.7	15.6	129%	133%
Fox Park, WY	Manual Course	4"	31"	1.2	9.4	7.6	16%	124%
Joe Wright, CO	SNOTEL	43"	67"	17.5	17.8	20.2	87%	88%
McIntyre, CO	Manual Course		*			8.8		
Roach, CO	SNOTEL	43"	66"	16.1	17.8	15.6	103%	114%
<b>Drainage Average:</b>							<b>86%</b>	<b>115%</b>

\* 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	25"	41"	9.1	15.2	12.2	75%	125%
Brooklyn Lake	SNOTEL	65"	81"	22.4	24.1	20.0	112%	120%
Cinnabar Park	SNOTEL	45"	70"	17.3	20.0	20.0	87%	100%
Hairpin Turn	Manual Course	39"	45"	15.5	14.2	13.4	116%	106%
Libby Lodge	Manual Course	31"	39"	11.9	12.6	9.6	124%	131%
<b>Drainage Average:</b>							<b>101%</b>	<b>116%</b>

## 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	0"	37"	0.3	10.0	6.8	4%	147%
Pole Mountain	Manual Course	20"	42"	6.0	11.8	7.6	79%	155%
<b>Drainage Average:</b>							<b>44%</b>	<b>151%</b>

## 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	92"	99"	35.7	32.0	34.6	103%	92%
Medicine Bow	SNOTEL	90"	110"	36.9	34.2			
Moss Lake	Manual Course	52"	64"	20.0	19.4	19.9	101%	97%
Sand Lake	SNOTEL	81"	103"	29.7	26.6	27.5	108%	97%
<b>Drainage Average:</b>							<b>104%</b>	<b>95%</b>

## 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	34"	49"	10.5	10.5	9.5	111%	111%
<b>Drainage Average:</b>							<b>111%</b>	<b>111%</b>

### Comments:

The third manual snow survey for 2017 was finished on March 31, 2017. The snowpack in the mountains west of Laramie show that the southern part of the mountains are at 86% of median using the new 30 year median, and the northern end of the mountains are at 104% of median using the new 30 year median. Last year at this time they were 95% to 115% using the new 30 year median. The mountains east of Laramie show the snowpack at 44% of median, compared to 151% 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.

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

April 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	65	85	24.3	24.4	19.8	123%	123%
Blackhall, WY	SNOTEL	81	97	35.2	30.2	NEW	NEW	NEW
Cameron Pass, CO	Manual Course	58	85	24.8	24.3	25.1	99%	97%
Columbine, CO	SNOTEL	42	71	18.8	24.4	22.8	82%	107%
Deep Lake, WY	Manual Course	92	na	35.7	32.0	34.6	103%	92%
Divide Peak, WY	SNOTEL	36	62	15.5	19.5	19.5	79%	100%
Joe Wright, CO	SNOTEL	43	na	17.5	17.8	20.2	87%	88%
Med Bow, WY	SNOTEL	90	na	36.9	34.2	NEW	NEW	NEW
Moss Lake, WY	Manual Course	52	63	20.0	19.4	19.9	101%	97%
Never Summer, CO	SNOTEL	56	75	21.2	20.4	19.6	108%	104%
North Barrett Creek, WY	Manual Course	48	62	17.6	20.2	20.9	84%	97%
North French Creek, WY	SNOTEL	64	75	23.6	26.2	28	84%	94%
Old Battle, WY	SNOTEL	92	98	35.6	28.8	29.6	120%	97%
Park View, CO	Manual Course	27	38	9.5	7.3	8.8	108%	83%
Purgatory Gulch, WY	Manual Course	33	42	13.0	13.6	11.4	114%	119%
Rawah, CO	SNOTEL	23	48	9.4	14.5	10.3	91%	141%
Roach, CO	SNOTEL	43	na	16.2	17.8	15.6	104%	114%
Ryan Park, WY	Manual Course	17	38	7.2	11.4	9.8	73%	116%
Sage Creek Basin, WY	SNOTEL	16	49	7.1	16.0	12.7	56%	126%
Sand Lake, WY	SNOTEL	81	103	29.7	26.6	27.5	108%	97%
South Brush Creek, WY	SNOTEL	14	47	5.2	12.9	12.2	43%	106%
Tower, CO	SNOTEL	96	121	38.9	38.5	44	88%	88%
Webber Springs, WY	SNOTEL	59	71	25.4	22.0	23	110%	96%
Whiskey Park, WY	SNOTEL	56	na	25.0	27.3	25.8	97%	106%
Willow Creek Pass, CO	SNOTEL	49	63	17.0	16.0	11.8	144%	136%
Zirkel, CO	SNOTEL	64	73	32.5	28.0	26.4	123%	106%
							<b>98%</b>	102%

## 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	81	97	35.2	30.2	NEW	NEW	NEW
Old Battle, WY	SNOTEL	92	98	35.6	28.8	29.6	120%	97%
Purgatory Gulch, WY	Manual Course	33	42	13.0	13.6	11.4	114%	119%
Webber Springs, WY	SNOTEL	59	71	25.4	22.0	23	110%	96%
Whiskey Park, WY	SNOTEL	56	78	25.0	27.3	25.8	97%	106%
							<b>110%</b>	102%

### 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		2016	Last Year
Battle Mountain, WY	SNOTEL	3	35	1.9	12.7	10.6	18%	120%
Butterhill, CO	Manual Course	22	45	9.3	13.6	12.6	74%	108%
Divide Peak, WY	SNOTEL	36	62	15.5	19.5	19.5	79%	100%
Elk River, CO	SNOTEL	27	47	12.9	18.5	18.5	70%	100%
Haskins Creek, WY	Manual Course	75	84	31.4	25.4	27.7	113%	92%
Little Snake River, WY	SNOTEL	58	72	26.6	23.8	23.2	115%	103%
Old Battle, WY	SNOTEL	92	61	35.6	28.8	29.6	120%	97%
Sage Creek, WY	SNOTEL	16	49	7.1	16.0	12.7	56%	126%
Sandstone R. S., WY	SNOTEL	26	42	7.5	11.3	13.1	57%	86%
Whiskey Park, WY	SNOTEL	56	46	25.0	27.3	25.8	97%	106%
							<b>89%</b>	102%

### 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.