

# Snowpack Report

May 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	NA	84	26.6	27.7	22.3	119%	124%
Blackhall, WY	SNOTEL	81	95	36.9	36.0	NEW	NEW	NEW
Cameron Pass, CO	Manual Course	63	74	24.6	25.6	27.1	91%	94%
Columbine, CO	SNOTEL	30	55	12.9	20.7	18.2	71%	114%
Deep Lake, WY	Manual Course	94	na	58.4	37.2	39.4	148%	94%
Divide Peak, WY	SNOTEL	30	58	12.3	21.0	18.0	68%	117%
Joe Wright, CO	SNOTEL	NA	NA	19.2	21.7	23.3	82%	93%
Med Bow, WY	SNOTEL	99	NA	39.6	38.9	NEW	NEW	NEW
Moss Lake, WY	Manual Course	50	74	19.6	23.8	23.4	84%	102%
Never Summer, CO	SNOTEL	60	64	25.0	23.2	21.8	115%	106%
North Barrett Creek, WY	Manual Course	55	74	19.8	24.8	22.0	90%	113%
North French Creek, WY	SNOTEL	80	na	27.8	32.6	32.9	84%	99%
Old Battle, WY	SNOTEL	106	107	40.2	37.7	34.7	116%	109%
Park View, CO	Manual Course	6	28	2.3	8.1	7.2	32%	113%
Purgatory Gulch, WY	Manual Course	15	36	6.2	13.0	10.7	58%	121%
Rawah, CO	SNOTEL	14	32	5.8	12.7	6.1	95%	208%
Roach, CO	SNOTEL	NA	NA	16.5	22.7	17.2	96%	132%
Ryan Park, WY	Manual Course	2	33	0.4	10.6	5.8	7%	183%
Sage Creek Basin, WY	SNOTEL	0	35	0.0	11.9	1.1	0%	1082%
Sand Lake, WY	SNOTEL	86	108	32.7	34.1	31.4	104%	109%
South Brush Creek, WY	SNOTEL	1	31	0.2	9.6	9.2	2%	104%
Tower, CO	SNOTEL	114	119	44.4	45.9	50.0	89%	92%
Webber Springs, WY	SNOTEL	49	68	23.1	24.3	21.7	106%	112%
Whiskey Park, WY	SNOTEL	53	73	24.7	29.6	26.5	93%	112%
Willow Creek Pass, CO	SNOTEL	53	57	19.2	18.3	14.2	135%	129%
Zirkel, CO	SNOTEL	50	61	24.7	26.3	21.0	118%	125%
<b>Drainage Average:</b>							<b>96%</b>	<b>111%</b>

## 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	95	36.9	36.0	NEW	NEW	NEW
Old Battle, WY	SNOTEL	106	107	40.2	37.7	34.7	116%	109%
Purgatory Gulch, WY	Manual Course	15	36	6.2	13.0	10.7	58%	121%
Webber Springs, WY	SNOTEL	49	68	23.1	24.3	21.7	106%	112%
Whiskey Park, WY	SNOTEL	53	73	24.7	29.6	26.5	93%	112%
<b>Drainage Average:</b>							<b>101%</b>	<b>112%</b>

# Snowpack Report

May 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	1	12	0	5.0	0.0	#DIV/0!	#DIV/0!
Butterhill, CO	Manual Course	3	27	0.4	7.9	10.2	4%	77%
Divide Peak, WY	SNOTEL	30	58	12.3	21.0	18.0	68%	117%
Elk River, CO	SNOTEL	12	33	5.9	13.6	13.2	45%	103%
Haskins Creek, WY	Manual Course	74	84	32.6	31.4	31.2	104%	101%
Little Snake River, WY	SNOTEL	47	69	23.5	25.5	22.3	105%	114%
Old Battle, WY	SNOTEL	106	107	40.2	37.7	34.7	116%	61%
Sage Creek, WY	SNOTEL	0	NA	0.0	11.9	1.1	0%	61%
Sandstone R. S., WY	SNOTEL	2	25	0	7.6	5.9	0%	129%
Whiskey Park, WY	SNOTEL	53	73	24.7	29.6	26.5	93%	112%
<b>Drainage Average:</b>							<b>86%</b>	<b>117%</b>

### Comments:

This is the data that is reported by the NRCS for snow water content. The listed sites with **NA** in the cells is because the data has not yet been posted on the NRCS's FTP Site. The drainage averages listed in this report are calculated using the reported sites for the respective years.

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

01 May 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	63"	74"	24.6	25.6	27.1	91%	94%
Chambers Lake, CO	Manual Course	0"	17"	0.0	5.4	2.6	0%	208%
Deadman Hill, CO	SNOTEL	60"	76"	22.2	24.0	19.0	117%	126%
Fox Park, WY	Manual Course	4"	28"	0.6	10.6	5.0	12%	212%
Joe Wright, CO	SNOTEL	51"	66"	19.2	20.3	23.3	82%	87%
McIntyre, CO	Manual Course	19"	38"	6.8	11.9	8.0	85%	149%
Roach, CO	SNOTEL	41"	68"	16.5	22.7	17.2	96%	132%
<b>Drainage Average:</b>							<b>88%</b>	<b>144%</b>

## 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	7"	42"	2.2	15.4	9.6	23%	160%
Brooklyn Lake	SNOTEL	57"	83"	20.9	26.5	23.3	90%	114%
Cinnabar Park	SNOTEL	38"	71"	14.2	23.0	19.4	73%	119%
Hairpin Turn	Manual Course	20"	43"	9.8	13.4	12.8	77%	105%
Libby Lodge	Manual Course	8"	25"	3.3	7.2	5.8	57%	124%
<b>Drainage Average:</b>							<b>71%</b>	<b>124%</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"	24"	0.0	8.4	0	0%	
Pole Mountain	Manual Course	4"	34"	0.1	10.2	4.6	2%	222%
<b>Drainage Average:</b>							<b>2%</b>	<b>222%</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	94"	107"	41.4	37.2	39.4	105%	94%
Medicine Bow	SNOTEL	99"	108"	39.6	38.9			
Moss Lake	Manual Course	50"	74"	19.6	23.8	23.4	84%	102%
Sand Lake	SNOTEL	86"	108"	32.7	34.1	31.4	104%	109%
<b>Drainage Average:</b>							<b>99%</b>	<b>102%</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	16"	34"	6.5	9.4	6.1	107%	154%
<b>Drainage Average:</b>							<b>107%</b>	<b>154%</b>

### Comments:

The fourth manual snow survey for 2017 was finished on April 28, 2017. The snowpack in the mountains west of Laramie show that the southern part of the mountains are at 88% of median using the new 30 year median, and the northern end of the mountains are at 99% of median using the new 30 year median. Last year at this time they were 102% to 144% using the new 30 year median. The mountains east of Laramie show the snowpack at 2% of median, compared to 222% last year. With these numbers being slightly below average, we will continue to need wet snows and rains to help the irrigation season.

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>