

Snowpack Report

March 1, 2018

North Platte River Drainage (Above Interstate 80)

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		30 Year Median	Percent of Median	
		2018	Last Year	2018	Last Year		2018	Last Year
Arapaho Ridge, CO	SNOTEL	57	71	16	22.5	16.7	96%	135%
Blackhall, WY	SNOTEL	72	103	22.1	32.8	NEW	NEW	NEW
Cameron Pass, CO	Manual Course	55	67	18.0	23.6	19.6	92%	120%
Columbine, CO	SNOTEL	50	69	18.2	22.7	19.8	92%	115%
Deep Lake, WY	Manual Course	93	104	30.8	31.8	28.4	108%	112%
Divide Peak, WY	SNOTEL	42	64	10.9	17.9	15.8	69%	113%
Joe Wright, CO	SNOTEL	46	59	13.3	17.5	16.6	80%	105%
Med Bow, WY	SNOTEL	63	99	32.8	33.7	NEW	NEW	NEW
Moss Lake, WY	Manual Course	60	64	17.6	21.4	16.6	106%	129%
Never Summer, CO	SNOTEL	48	65	14.4	20.4	16.2	89%	126%
North Barrett Creek, WY	Manual Course	57	57	16.4	16.0	17.0	96%	94%
North French Creek, WY	SNOTEL	72	82	21.9	22.3	21.1	104%	106%
Old Battle, WY	SNOTEL	71	106	20.5	33.4	23.9	86%	140%
Park View, CO	Manual Course	24	36	5.2	11.1	7.2	72%	154%
Purgatory Gulch, WY	Manual Course	31	52	8.0	15.2	8.8	91%	173%
Rawah, CO	SNOTEL	32	na	9.0	12.0	8.8	102%	136%
Roach, CO	SNOTEL	42	52	11.3	15.0	12.4	91%	121%
Ryan Park, WY	Manual Course	36	34	9.2	9.0	9.4	98%	96%
Sage Creek Basin, WY	SNOTEL	33	49	7.5	14.8	10.6	71%	140%
Sand Lake, WY	SNOTEL	74	90	21.1	25.6	21.2	100%	121%
South Brush Creek, WY	SNOTEL	30	40	8.0	10.1	10.3	78%	98%
Tower, CO	SNOTEL	85	113	27.1	37.7	36.3	75%	104%
Webber Springs, WY	SNOTEL	56	84	15.3	26.2	18.7	82%	140%
Whiskey Park, WY	SNOTEL	63	79	18.8	24.8	21.5	87%	115%
Willow Creek Pass, CO	SNOTEL	42	56	10.7	15.8	9.5	113%	166%
Zirkel, CO	SNOTEL	64	97	21.4	37.5	23.0	93%	163%
Drainage Average:							91%	123%

Encampment River Drainage

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		30 Year Median	Percent of Median	
		2018	Last Year	2018	Last Year		2018	Last Year
Blackhall, WY	SNOTEL	72	103	22.1	32.8	NEW	NEW	NEW
Old Battle, WY	SNOTEL	71	106	20.5	33.4	23.9	86%	140%
Purgatory Gulch, WY	Manual Course	31	52	8.0	15.2	8.8	91%	173%
Webber Springs, WY	SNOTEL	56	84	15.3	26.2	18.7	82%	140%
Whiskey Park, WY	SNOTEL	63	79	18.8	24.8	21.5	87%	115%
Drainage Average:							86%	137%

Little Snake River Drainage

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		30 Year Median	Percent of Median	
		2018	Last Year	2018	Last Year		2018	Last Year
Battle Mountain, WY	SNOTEL	23	37	5.4	11.0	9.9	55%	111%
Butterhill, CO	Manual Course	34	48	9.3	13.3	11.5	81%	116%
Divide Peak, WY	SNOTEL	42	64	10.9	17.9	15.8	69%	113%
Elk River, CO	SNOTEL	43	na	12.3	19.5	15.5	79%	126%
Haskins Creek, WY	Manual Course	68	96	19.0	30.0	24.4	78%	123%
Little Snake River, WY	SNOTEL	61	90	17.3	29.7	19.7	88%	151%
Old Battle, WY	SNOTEL	71	106	20.5	33.4	23.9	86%	140%
Sage Creek Basin, WY	SNOTEL	33	49	7.5	14.8	10.6	71%	140%
Sandstone R. S., WY	SNOTEL	35	53	7.4	12.2	10.4	71%	117%
Whiskey Park, WY	SNOTEL	63	79	18.8	24.8	21.5	87%	115%
Drainage Average:							79%	127%

Comments:

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Big Laramie River Drainage

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2018	Last Year	2018	Last Year	1981-2010	2018	Last Year
Cameron Pass, CO	Manual Course	55"	67"	18.0	23.6	19.6	92%	120%
Chambers Lake, CO	Manual Course	15"	32"	3.4	10.3	5.8	59%	178%
Deadman Hill, CO	SNOTEL	56"	64"	15.9	18.1	12.4	128%	146%
Fox Park, WY	Manual Course	10"	24"	2.1	5.9	6.0	35%	98%
Joe Wright, CO	SNOTEL	46"	59"	13.3	17.5	16.6	80%	105%
McIntyre, CO	Manual Course	*		*		*		
Roach, CO	SNOTEL	42"	52"	11.3	15.0	12.4	91%	121%
Drainage Average:							88%	124%

* Data unavailable until May

Little Laramie River Drainage

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2018	Last Year	2018	Last Year	1981-2010	2018	Last Year
Albany	Manual Course	39"	45"	11.2	11.9	10.6	106%	112%
Brooklyn Lake	SNOTEL	65"	75"	19.7	21.7	15.0	131%	145%
Cinnabar Park	SNOTEL	62"	61"	18.3	17.1	17.1	107%	100%
Hairpin Turn	Manual Course	46"	57"	13.9	16.6	11.5	121%	144%
Libby Lodge	Manual Course	41"	51"	11.0	14.0	8.4	131%	167%
Drainage Average:							118%	130%

Crow Creek Drainage (Mountains east of Laramie)

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2018	Last Year	2018	Last Year	1981-2010	2018	Last Year
Crow Creek	SNOTEL	11"	18"	2.5	4.7	6.7	37%	70%
Pole Mountain	Manual Course	28"	32"	5.4	6.8	6.6	82%	103%
Drainage Average:							59%	86%

Medicine Bow River Drainage (Including Rock Creek)

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2018	Last Year	2018	Last Year	1981-2010	2018	Last Year
Deep Lake	Manual Course	93"	104"	30.8	31.8	28.4	108%	112%
Medicine Bow	SNOTEL	96"	99"	32.8	33.7			
Moss Lake	Manual Course	60"	64"	17.6	21.4	16.6	106%	129%
Sand Lake	SNOTEL	74"	90"	21.1	25.6	21.2	100%	121%
Drainage Average:							105%	119%

Little Medicine Bow River Drainage

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2018	Last Year	2018	Last Year	1981-2010	2018	Last Year
LaPrele Creek	SNOTEL	24"	44"	5.3	10.3	7.8	68%	132%
Drainage Average:							68%	132%

Comments:

The second manual snow survey for 2018 was finished on February 28, 2018. 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 105% of median using the new 30 year median. Last year at this time they were 119% to 124% using the new 30 year median. The mountains east of Laramie show the snowpack at 59% of median, compared to 86% 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.

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 monthly Snowpack Reports at this website.

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