

Snowpack Report

01 February 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	61"	48"	20.0	12.1	14.4	139%	84%
Chambers Lake, CO	Manual Course	34"	21"	9.9	4.2	4.4	225%	95%
Deadman Hill, CO	SNOTEL	49"	47"	14.2	10.9	10.1	141%	108%
Fox Park, WY	Manual Course	28"	28"	6.1	5.4	4.6	133%	117%
Joe Wright, CO	SNOTEL	47"	45"	15.0	10.2	13.0	115%	78%
McIntyre, CO	Manual Course		*		*	*		
Roach, CO	SNOTEL	44"	43"	12.4	10.6	10.0	124%	106%
Drainage Average:							137%	95%

* 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	38"	37"	10.0	8.3	7.9	127%	105%
Brooklyn Lake	SNOTEL	56"	53"	16.3	13.5	12.0	137%	113%
Cinnabar Park	SNOTEL	47"	51"	13.3	12.4	13.2	102%	94%
Hairpin Turn	Manual Course	45"	36"	11.6	8.2	8.9	130%	92%
Libby Lodge	Manual Course	41"	30"	10.2	7.1	6.3	162%	113%
Drainage Average:							127%	102%

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"	20"	4.0	5.1	5.7	70%	89%
Pole Mountain	Manual Course	25"	33"	6.1	6.2	5.4	113%	115%
Drainage Average:							91%	102%

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	84"	83"	24.7	19.4	21.8	113%	89%
Med Bow	SNOTEL	79"	82"	26.4	21.0			
Moss Lake	Manual Course	54"	59"	17.2	12.2	12.0	143%	102%
Sand Lake	SNOTEL	67"	67"	19.5	16.4	16.5	118%	99%
Drainage Average:							122%	95%

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	32"	31"	7.2	5.5	5.4	131%	102%
Drainage Average:							131%	102%

Comments:

The first manual snow survey for 2017 was finished on January 31, 2017. The snowpack in the mountains west of Laramie show that the southern part of the mountains are at 137% of median using the new 30 year median, and the northern end of the mountains are at 122% of median using the new 30 year median. Last year at this time they were 95% using the 30 year median. The mountains east of Laramie show the snowpack at 91% of median, compared to 102% last year. While these numbers may be 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 all Snowpack Reports at this website.

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

Snowpack Report

February 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	61	59	18.8	15.1	13.2	142%	114%
Blackhall, WY	SNOTEL	80	75	25.4	18.7	NEW	NEW	NEW
Cameron Pass, CO	Manual Course	61	48	20.0	12.1	14.4	139%	84%
Columbine, CO	SNOTEL	61	na	19.0	14.9	14.7	129%	101%
Deep Lake, WY	Manual Course	84	na	24.7	19.4	21.8	113%	89%
Divide Peak, WY	SNOTEL	47	49	13.4	12.5	12.3	109%	102%
Joe Wright	SNOTEL	47	na	15.0	10.2	13.0	115%	78%
Med Bow	SNOTEL	79	na	26.4	21.0	NEW	NEW	NEW
Moss Lake, WY	Manual Course	54	59	17.2	12.2	12.0	143%	102%
Never Summer, CO	SNOTEL	52	48	16.4	11.2	12.6	130%	89%
North Barrett Creek, WY	Manual Course	49	63	14.0	13.0	12.1	116%	107%
North French Creek, WY	SNOTEL	61	69	16.9	16.2	16.0	106%	101%
Old Battle, WY	SNOTEL	83	74	25.1	18.0	19.1	131%	94%
Park View, CO	Manual Course	36	26	9.2	6.2	5.5	167%	113%
Purgatory Gulch, WY	Manual Course	46	37	12.4	8.8	7.2	172%	122%
Rawah, CO	SNOTEL	35	36	10.0	8.6	6.2	161%	139%
Roach, WY	SNOTEL	44	na	12.4	10.6	10.0	124%	106%
Ryan Park, WY	Manual Course	34	38	8.6	7.0	6.8	126%	103%
Sage Creek Basin, WY	SNOTEL	43	44	11.3	9.4	8.4	135%	112%
Sand Lake, WY	SNOTEL	67	67	19.5	16.4	16.5	118%	99%
South Brush Creek, WY	SNOTEL	31	36	7.3	7.4	7.3	100%	101%
Tower, CO	SNOTEL	96	89	30.4	23.0	27.5	111%	84%
Webber Springs, WY	SNOTEL	66	56	19.9	13.5	13.7	145%	99%
Whiskey Park	SNOTEL	65	na	20.0	16.3	16.0	125%	102%
Willow Creek Pass, CO	SNOTEL	47	42	13.2	9.5	7.6	174%	125%
Zirkel, CO	SNOTEL	75	55	27.6	16.1	18.5	149%	87%
Drainage Average:							129%	98%

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	80	75	25.4	18.7	NEW	NEW	NEW
Old Battle, WY	SNOTEL	83	74	25.1	18.0	19.1	131%	94%
Purgatory Gulch, WY	Manual Course	46	37	12.4	8.8	7.2	172%	122%
Webber Springs, WY	SNOTEL	66	56	19.9	13.5	13.7	145%	99%
Whiskey Park, WY	SNOTEL	65	68	20.0	16.3	16.0	125%	102%
Drainage Average:							138%	101%

Little Snake River Drainage

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		30 Year Average	Percent of Median	
		2017	Last Year	2017	Last Year		2017	Last Year
Battle Mountain, WY	SNOTEL	31	39	8.7	9.1	7.1	123%	128%
Butterhill, CO	Manual Course	48	40	11.4	8.6	7.9	144%	109%
Divide Peak, WY	SNOTEL	47	49	13.4	12.5	12.3	109%	102%
Elk River, CO	SNOTEL	49	46	15.7	11.3	11.2	140%	101%
Haskins Creek, WY	Manual Course	77	66	24.4	15.4	18.2	134%	85%
Little Snake River, WY	SNOTEL	74	63	22.8	14.5	15.5	147%	94%
Old Battle, WY	SNOTEL	83	0	25.1	18.0	19.1	131%	94%
Sage Creek Basin, WY	SNOTEL	43	44	11.3	9.4	8.4	135%	112%
Sandstone R. S., WY	SNOTEL	43	41	10.6	8.7	8.0	133%	109%
Whiskey Park, WY	SNOTEL	65	68	20.0	16.3	16.0	125%	102%
Drainage Average:							132%	100%

Comments:

The drainage averages in this report differ from the drainage averages from the NRCS Basin Report due to varying Snow Courses/Snotels that are used in the calculations for their respective report.

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