

Snowpack Report

01 February 2018

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	41"	61"	11.8	20.0	14.4	82%	139%
Chambers Lake, CO	Manual Course	15"	34"	3.2	9.9	4.4	73%	225%
Deadman Hill, CO	SNOTEL	47"	49"	12.0	14.2	10.1	119%	141%
Fox Park, WY	Manual Course	12"	28"	2.8	6.1	4.6	61%	133%
Joe Wright, CO	SNOTEL	35"	47"	9.9	15.0	13.0	76%	115%
McIntyre, CO	Manual Course	*		*		*		
Roach, CO	SNOTEL	31"	44"	8.6	12.4	10.0	86%	124%
Drainage Average:							83%	137%

* 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	32"	38"	8.8	10.0	7.9	111%	127%
Brooklyn Lake	SNOTEL	51"	56"	14.4	16.3	12.0	120%	137%
Cinnabar Park	SNOTEL	51"	47"	14.7	13.3	13.2	111%	102%
Hairpin Turn	Manual Course	36"	45"	9.7	11.6	8.9	109%	130%
Libby Lodge	Manual Course	32"	41"	8.7	10.2	6.3	138%	162%
Drainage Average:							118%	127%

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	8"	18"	1.7	4.0	5.7	30%	70%
Pole Mountain	Manual Course	22"	25"	4.2	6.1	5.4	78%	113%
Drainage Average:							54%	91%

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	75"	84"	23.8	24.7	21.8	109%	113%
Med Bow	SNOTEL	77"	79"	25.3	26.4			
Moss Lake	Manual Course	50"	54"	14.2	17.2	12.0	118%	143%
Sand Lake	SNOTEL	59"	67"	16.3	19.5	16.5	99%	118%
Drainage Average:							108%	122%

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	20"	32"	4.1	7.2	5.4	76%	131%
Drainage Average:							76%	131%

Comments:

The first manual snow survey for 2018 was finished on January 31, 2018. The snowpack in the mountains west of Laramie show that the southern part of the mountains are at 83% of median using the new 30 year median, and the northern end of the mountains are at 108% of median using the new 30 year median. Last year at this time they were 122 % to 137% using the 30 year median. The mountains east of Laramie show the snowpack at 54% of median, compared to 91% 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 all Snowpack Reports at this website.

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

Snowpack Report

February 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	44	61	11.9	18.8	13.2	90%	142%
Blackhall, WY	SNOTEL	55	80	15.7	25.4	NEW	NEW	NEW
Cameron Pass, CO	Manual Course	41	61	11.8	20.0	14.4	82%	139%
Columbine, CO	SNOTEL	36	61	11.4	19.0	14.7	78%	129%
Deep Lake, WY	Manual Course	75	84	23.8	24.7	21.8	109%	113%
Divide Peak, WY	SNOTEL	32	47	8.5	13.4	12.3	109%	102%
Joe Wright	SNOTEL	35	47	9.9	15.0	13.0	76%	115%
Med Bow	SNOTEL	77	79	25.3	26.4	NEW	NEW	NEW
Moss Lake, WY	Manual Course	50	54	14.2	17.2	12.0	118%	143%
Never Summer, CO	SNOTEL	37	52	10.8	16.4	12.6	86%	130%
North Barrett Creek, WY	Manual Course	47	49	13.5	14.0	12.1	112%	116%
North French Creek, WY	SNOTEL	60	61	17.2	16.9	16.0	108%	106%
Old Battle, WY	SNOTEL	54	83	14.8	25.1	19.1	77%	131%
Park View, CO	Manual Course	36	36	4.3	9.2	5.5	78%	167%
Purgatory Gulch, WY	Manual Course	23	46	6.6	12.4	7.2	92%	172%
Rawah, CO	SNOTEL	23	35	6.5	10.0	6.2	105%	161%
Roach, WY	SNOTEL	31	44	8.7	12.4	10.0	87%	124%
Ryan Park, WY	Manual Course	30	34	9.2	8.6	6.8	135%	126%
Sage Creek Basin, WY	SNOTEL	26	43	5.9	11.3	8.4	135%	112%
Sand Lake, WY	SNOTEL	59	67	16.3	19.5	16.5	99%	118%
South Brush Creek, WY	SNOTEL	23	31	6.1	7.2	7.3	84%	99%
Tower, CO	SNOTEL	59	96	18.1	30.4	27.5	66%	111%
Webber Springs, WY	SNOTEL	41	66	10.7	19.9	13.7	78%	145%
Whiskey Park	SNOTEL	47	65	12.4	20.0	16.0	78%	125%
Willow Creek Pass, CO	SNOTEL	na	47	8.2	13.2	7.6	108%	174%
Zirkel, CO	SNOTEL	41	75	12.5	27.7	18.5	68%	150%
Drainage Average:							87%	129%

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	55	80	15.7	25.4	NEW	NEW	NEW
Old Battle, WY	SNOTEL	54	83	14.8	25.1	19.1	77%	131%
Purgatory Gulch, WY	Manual Course	23	46	6.6	12.4	7.2	92%	172%
Webber Springs, WY	SNOTEL	41	66	10.7	19.9	13.7	78%	145%
Whiskey Park, WY	SNOTEL	47	65	12.4	20.0	16.0	78%	125%
Drainage Average:							79%	138%

Little Snake River Drainage

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		30 Year Average	Percent of Median	
		2018	Last Year	2018	Last Year		2018	Last Year
Battle Mountain, WY	SNOTEL	14	31	3.3	8.7	7.1	46%	123%
Butterhill, CO	Manual Course	22	48	5.6	11.4	7.9	71%	144%
Divide Peak, WY	SNOTEL	32	47	8.5	13.4	12.3	69%	109%
Elk River, CO	SNOTEL	30	49	8.3	15.7	11.2	74%	140%
Haskins Creek, WY	Manual Course	51	77	13.6	24.4	18.2	75%	134%
Little Snake River, WY	SNOTEL	43	74	11.3	22.9	15.5	73%	148%
Old Battle, WY	SNOTEL	54	83	14.8	25.1	19.1	77%	131%
Sage Creek Basin, WY	SNOTEL	26	43	5.9	11.3	8.4	70%	135%
Sandstone R. S., WY	SNOTEL	23	43	5	10.6	8.0	63%	133%
Whiskey Park, WY	SNOTEL	47	65	12.4	20.0	16.0	78%	125%
Drainage Average:							72%	132%

Comments:

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