

Snowpack Report

01 May 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	74"	63"	29.0	24.6	27.1	107%	91%
Chambers Lake, CO	Manual Course	8"	0"	2.7	0.0	2.6	104%	0%
Deadman Hill, CO	SNOTEL	53"	60"	19.8	22.2	19.0	104%	117%
Fox Park, WY	Manual Course	0"	4"	0.0	0.6	5.0	0%	12%
Joe Wright, CO	SNOTEL	54"	51"	21.1	19.2	23.3	91%	82%
McIntyre, CO	Manual Course	20"	19"	7.2	6.8	8.0	90%	85%
Roach, CO	SNOTEL	30"	41"	11.1	16.5	17.2	65%	96%
Drainage Average:							89%	88%

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	24"	7"	7.9	2.2	9.6	82%	23%
Brooklyn Lake	SNOTEL	57"	57"	23.0	20.9	23.3	99%	90%
Cinnabar Park	SNOTEL	47"	38"	18.2	14.2	19.4	94%	73%
Hairpin Turn	Manual Course	36"	20"	13.8	9.8	12.8	108%	77%
Libby Lodge	Manual Course	26"	8"	9.7	3.3	5.8	167%	57%
Drainage Average:							102%	71%

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	0"	0"	0.0	0.0	0	0%	0%
Pole Mountain	Manual Course	23"	4"	6.3	0.1	4.6	137%	2%
Drainage Average:							137%	2%

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	102"	94"	41.3	41.4	39.4	105%	105%
Medicine Bow	SNOTEL	92"	99"	43.6	39.6			
Moss Lake	Manual Course	59"	50"	23.2	19.6	23.4	99%	84%
Sand Lake	SNOTEL	72"	86"	28.6	32.7	31.4	91%	104%
Drainage Average:							99%	99%

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	0"	16"	0.0	6.5	6.1	0%	107%
Drainage Average:							0%	107%

Comments:

The fourth manual snow survey for 2018 was finished on April 27, 2018. The snowpack in the mountains west of Laramie show that the southern part of the mountains are at 89% 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 88% to 99% using the new 30 year median. The mountains east of Laramie show the snowpack at 137% of median, compared to 2% 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 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>