

Snowpack Report

01 May 2019

Big Laramie River Drainage

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2019	Last Year	2019	Last Year	1981-2010	2019	Last Year
Cameron Pass, CO	Manual Course	63"	74"	26.8	29.0	27.1	99%	107%
Chambers Lake, CO	Manual Course	0"	8"	0.0	2.7	2.6	0%	104%
Deadman Hill, CO	SNOTEL	63"	53"	22.6	19.8	19.0	119%	104%
Fox Park, WY	Manual Course	8"	0"	1.0	0.0	5.0	20%	0%
Joe Wright, CO	SNOTEL	60"	54"	22.2	21.1	23.3	95%	91%
McIntyre, CO	Manual Course	20"	20"	7.2	7.2	8.0	90%	90%
Roach, CO	SNOTEL	50"	30"	16.1	11.1	17.2	94%	65%
Drainage Average:							94%	89%

Little Laramie River Drainage

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2019	Last Year	2019	Last Year	1981-2010	2019	Last Year
Albany	Manual Course	20"	24"	6.0	7.9	9.6	62%	82%
Brooklyn Lake	SNOTEL	73"	57"	24.7	23.0	23.3	106%	99%
Cinnabar Park	SNOTEL	52"	47"	19.7	18.2	19.4	102%	94%
Hairpin Turn	Manual Course	34"	36"	11.8	13.8	12.8	92%	108%
Libby Lodge	Manual Course	22"	26"	6.6	9.7	5.8	114%	167%
Drainage Average:							97%	102%

Crow Creek Drainage (Mountains east of Laramie)

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2019	Last Year	2019	Last Year	1981-2010	2019	Last Year
Crow Creek	SNOTEL	1"	0"	0.7	0.0	0		0%
Pole Mountain	Manual Course	13"	23"	3.3	6.3	4.6	72%	137%
Drainage Average:							87%	137%

Medicine Bow River Drainage (Including Rock Creek)

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2019	Last Year	2019	Last Year	1981-2010	2019	Last Year
Deep Lake	Manual Course	95"	102"	39.2	41.3	39.4	99%	105%
Medicine Bow	SNOTEL	111"	92"	42.5	43.6			
Moss Lake	Manual Course	59"	59"	22.8	23.2	23.4	97%	99%
Sand Lake	SNOTEL	97"	72"	32.1	28.6	31.4	102%	91%
Drainage Average:							100%	99%

Little Medicine Bow River Drainage

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2019	Last Year	2019	Last Year	1981-2010	2019	Last Year
LaPrele Creek	SNOTEL	22"	0"	6.9	0.0	6.1	113%	0%
Drainage Average:							113%	0%

Comments:

The fourth manual snow survey for 2019 was finished on April 30, 2019. The snowpack in the mountains west of Laramie show that the southern part of the mountains are at 94% of median using the new 30 year median, and the northern end of the mountains are at 100% of median using the new 30 year median. Last year at this time they were 89% to 99% using the new 30 year median. The mountains east of Laramie show the snowpack at 87% of median, compared to 137% last year. With these numbers being at or 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>