

Snowpack Report

01 May 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	63"	74"	24.6	25.6	27.1	91%	94%
Chambers Lake, CO	Manual Course	0"	17"	0.0	5.4	2.6	0%	208%
Deadman Hill, CO	SNOTEL	60"	76"	22.2	24.0	19.0	117%	126%
Fox Park, WY	Manual Course	4"	28"	0.6	10.6	5.0	12%	212%
Joe Wright, CO	SNOTEL	51"	66"	19.2	20.3	23.3	82%	87%
McIntyre, CO	Manual Course	19"	38"	6.8	11.9	8.0	85%	149%
Roach, CO	SNOTEL	41"	68"	16.5	22.7	17.2	96%	132%
Drainage Average:							88%	144%

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	7"	42"	2.2	15.4	9.6	23%	160%
Brooklyn Lake	SNOTEL	57"	83"	20.9	26.5	23.3	90%	114%
Cinnabar Park	SNOTEL	38"	71"	14.2	23.0	19.4	73%	119%
Hairpin Turn	Manual Course	20"	43"	9.8	13.4	12.8	77%	105%
Libby Lodge	Manual Course	8"	25"	3.3	7.2	5.8	57%	124%
Drainage Average:							71%	124%

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	0"	24"	0.0	8.4	0	0%	
Pole Mountain	Manual Course	4"	34"	0.1	10.2	4.6	2%	222%
Drainage Average:							2%	222%

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	94"	107"	41.4	37.2	39.4	105%	94%
Medicine Bow	SNOTEL	99"	108"	39.6	38.9			
Moss Lake	Manual Course	50"	74"	19.6	23.8	23.4	84%	102%
Sand Lake	SNOTEL	86"	108"	32.7	34.1	31.4	104%	109%
Drainage Average:							99%	102%

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	16"	34"	6.5	9.4	6.1	107%	154%
Drainage Average:							107%	154%

Comments:

The fourth manual snow survey for 2017 was finished on April 28, 2017. 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 99% of median using the new 30 year median. Last year at this time they were 102% to 144% using the new 30 year median. The mountains east of Laramie show the snowpack at 2% of median, compared to 222% 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 at 742-0023, or John Mumm at 322-4163.

Note: You can see monthly Snowpack Reports at this website.

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