

Snowpack Report

01 May 2016

Big Laramie River Drainage

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2016	Last Year	2016	Last Year	1981-2010	2016	Last Year
Cameron Pass, CO	Manual Course	74"	56"	25.6	22.4	27.1	94%	83%
Chambers Lake, CO	Manual Course	17"	1"	5.4	0.2	2.6	208%	8%
Deadman Hill, CO	SNOTEL	76"	49"	24.0	18.4	19.0	126%	97%
Fox Park, WY	Manual Course	28"	0"	10.6	0.0	5.0	212%	0%
Joe Wright, CO	SNOTEL	66"	43"	20.3	18.8	23.3	87%	81%
McIntyre, CO	Manual Course	38"	20"	11.9	6.4	8.0	149%	80%
Roach, CO	SNOTEL	68"	27"	22.7	10.9	17.2	132%	63%
Drainage Average:							144%	59%

Little Laramie River Drainage

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2016	Last Year	2016	Last Year	1981-2010	2016	Last Year
Albany	Manual Course	42"	21"	15.4	7.1	9.6	160%	74%
Brooklyn Lake	SNOTEL	83"	46"	26.5	20.3	23.3	114%	87%
Cinnabar Park	SNOTEL	71"	34"	23.0	11.9	19.4	119%	61%
Hairpin Turn	Manual Course	43"	29"	13.4	11.5	12.8	105%	90%
Libby Lodge	Manual Course	25"	12"	7.2	4.5	5.8	124%	78%
Drainage Average:							124%	78%

Crow Creek Drainage (Mountains east of Laramie)

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2016	Last Year	2016	Last Year	1981-2010	2016	Last Year
Crow Creek	SNOTEL	24"	2"	8.4	0.9	0		
Pole Mountain	Manual Course	34"	16"	10.2	5.7	4.6	222%	124%
Drainage Average:							222%	124%

Medicine Bow River Drainage (Including Rock Creek)

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2016	Last Year	2016	Last Year	1981-2010	2016	Last Year
Deep Lake	Manual Course	107"	77"	37.2	29.8	39.4	94%	76%
Medicine Bow	SNOTEL	108"	73"	38.9	33.0			
Moss Lake	Manual Course	74"	37"	23.8	14.2	23.4	102%	61%
Sand Lake	SNOTEL	108"	70"	34.1	26.1	31.4	109%	83%
Drainage Average:							102%	73%

Little Medicine Bow River Drainage

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2016	Last Year	2016	Last Year	1981-2010	2016	Last Year
LaPrele Creek	SNOTEL	34"	4"	9.4	1.7	6.1	154%	28%
Drainage Average:							154%	28%

Comments:

The fourth manual snow survey for 2016 was finished on April 29, 2016. The snowpack in the mountains west of Laramie show that the southern part of the mountains are at 144% of median using the new 30 year median, and the northern end of the mountains are at 102% of median using the new 30 year median. Last year at this time they were 59% to 73% using the new 30 year median. The mountains east of Laramie show the snowpack at 222% of median, compared to 124% last year. With these numbers being above average, the snowpack for the irrigation season is looking really good.

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 Matt Hoobler at 777-7641.

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

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