

Snowpack Report

01 April 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	85"	54"	24.3	20.0	25.1	97%	80%
Chambers Lake, CO	Manual Course	36"	15"	8.8	6.5	6.6	133%	98%
Deadman Hill, CO	SNOTEL	85"	44"	20.7	15.2	15.6	133%	97%
Fox Park, WY	Manual Course	31"	15"	9.4	4.0	7.6	124%	53%
Joe Wright, CO	SNOTEL	67"	46"	17.8	16.7	20.2	88%	83%
McIntyre, CO	Manual Course		*		*	8.8		
Roach, CO	SNOTEL	66"	30"	17.8	10.3	15.6	114%	66%
						Drainage Average:	115%	80%

* Data unavailable until May

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	41"	23"	15.2	8.4	12.2	125%	69%
Brooklyn Lake	SNOTEL	81"	50"	24.1	18.3	20.0	120%	92%
Cinnabar Park	SNOTEL	70"	35"	20.0	14.4	20.0	100%	72%
Hairpin Turn	Manual Course	45"	35"	14.2	11.6	13.4	106%	87%
Libby Lodge	Manual Course	39"	27"	12.6	8.8	9.6	131%	92%
						Drainage Average:	116%	82%

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	37"	7"	10.0	1.6	6.8	147%	24%
Pole Mountain	Manual Course	42"	20"	11.8	5.6	7.6	155%	74%
						Drainage Average:	151%	49%

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	99"	75"	32.0	25.4	34.6	92%	73%
Medicine Bow	SNOTEL	110"	70"	34.2	27.9			
Moss Lake	Manual Course	64"	39"	19.4	13.8	19.9	97%	69%
Sand Lake	SNOTEL	103"	64"	26.6	21.4	27.5	97%	78%
						Drainage Average:	95%	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	49"	14"	10.5	5.6	9.5	111%	59%
						Drainage Average:	111%	59%

Comments:

The third manual snow survey for 2015 was finished on March 31, 2016. The snowpack in the mountains west of Laramie show that the southern part of the mountains are at 115% of median using the new 30 year median, and the northern end of the mountains are at 95% of median using the new 30 year median. Last year at this time they were 73% to 80% using the new 30 year median. The mountains east of Laramie show the snowpack at 151% of median, compared to 49% last year. With these numbers being near to above average, it is still early enough 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 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>