

Snowpack Report

01 May 2013

Big Laramie River Drainage

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		30 Year Average		Percent of Average		
		2013	Last Year	2013	Last Year	1981-2010	1971-2000	New 2013	Old 2013	Last Year
Cameron Pass, CO	Manual Course	74	22	26.8	8.0	27.1	29.5	99%	91%	27%
Chambers Lake, CO	Manual Course	14	0	5.8	0.0	2.6	5.5	223%	105%	0%
Deadman Hill, CO	SNOTEL	66	32	18.0	13.6	19.0	19.7	95%	91%	69%
Fox Park, WY	Manual Course	24	0	7.8	0.0	5.0	5.3	156%	147%	0%
Joe Wright, CO	SNOTEL	72	20	22.0	9.1	23.3	25.1	94%	88%	36%
McIntyre, CO	Manual Course	38	0	12.0	0.0	8.0	9.4	150	128	0%
Roach, CO	SNOTEL	56	14	16.1	5.8	17.2	18.5	94%	87%	31%
Drainage Average:								130%	105%	23%

* Data unavailable until May

Little Laramie River Drainage

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		30 Year Average		Percent of Average		
		2013	Last Year	2013	Last Year	1981-2010	1971-2000	New 2013	Old 2013	Last Year
Albany	Manual Course	37	9	11.7	3.6	9.6	12.3	122%	95%	29%
Brooklyn Lake	SNOTEL	71	22	21.0	8.3	23.3	28.2	90%	74%	29%
Cinnabar Park	SNOTEL	67	8	20.0	4.4	19.4	16.1	103%	124%	27%
Hairpin Turn	Manual Course	42	12	13.2	4.6	12.8	15.6	103%	85%	29%
Libby Lodge	Manual Course	24	0	8.0	0.0	5.8	8.3	138%	96%	0%
Drainage Average:								111%	95%	23%

Crow Creek Drainage (Mountains east of Laramie)

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		30 Year Average		Percent of Average		
		2013	Last Year	2013	Last Year	1981-2010	1971-2000	New 2013	Old 2013	Last Year
Crow Creek	SNOTEL	12	0	2.4	0.0	0	5.4	240%	44%	0%
Pole Mountain	Manual Course	23	0	7.7	0.0	4.6	5.0	167%	154%	0%
Drainage Average:								204%	99%	0%

Medicine Bow River Drainage (Including Rock Creek)

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		30 Year Average		Percent of Average		
		2013	Last Year	2013	Last Year	1981-2010	1971-2000	New 2013	Old 2013	Last Year
Moss Lake	Manual Course	57	20	20.7	6.9	23.4	25.8	88%	80%	27%
Deep Lake	Manual Course	96	62	34.9	26.2		45.1		77%	58%
Sand Lake	SNOTEL	93	57	31.1	22.6	31.4	37.0	99%	84%	61%
Drainage Average:								94%	80%	49%

Little Medicine Bow River Drainage

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		30 Year Average		Percent of Average		
		2013	Last Year	2013	Last Year	1981-2010	1971-2000	New 2013	Old 2013	Last Year
LaPrele Creek	SNOTEL	13	0	4.8	0	6.1	7.1	79%	68%	0%
Drainage Average:								79%	68%	0%

Comments:

Note: The 30 Year Averages have changed. I have included two columns to show the difference. Under the 30 Year Average are the two 30 Year Averages. Under the Percent of Average, New Median is for 1981-2010 and Old is for 1971-2000 Averages. You will notice that the only Snotel average that increased for the New 30 year average was Cinnabar Park.

The final manual snow survey for 2013 was finished on April 30, 2013. The snowpack in the mountains west of Laramie show that the southern part of the mountains are at 130% of average using the new 30 year median, and the northern end of the mountains are at 94% of average using the new 30 year median. Last year at this time they were 23% to 49% using the old 30 year average. The mountains east of Laramie show the snowpack at 204% of average compared to 0% last year. Due to the last two snow storms, the snowpack has seen significant improvement.

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.