

Snowpack Report

01 May 2020

Big Laramie River Drainage

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2020	Last Year	2020	Last Year	1981-2010	2020	Last Year
Cameron Pass, CO	Manual Course	72"	63"	29.0	26.8	27.1	108%	99%
Chambers Lake, CO	Manual Course	15"	0"	5.2	0.0	2.6	200%	0%
Deadman Hill, CO	SNOTEL	51"	63"	20.0	22.6	19.0	105%	119%
Fox Park, WY	Manual Course	22"	8"	8.0	1.0	5.0	160%	20%
Joe Wright, CO	SNOTEL	58"	60"	24.3	22.2	23.3	104%	95%
McIntyre, CO	Manual Course	23"	20"	7.6	7.2	8.0	95%	90%
Roach, CO	SNOTEL	36"	50"	13.7	16.1	17.2	80%	94%
Drainage Average:							105%	94%

Little Laramie River Drainage

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2020	Last Year	2020	Last Year	1981-2010	2020	Last Year
Albany	Manual Course	36"	20"	14.2	6.0	9.6	153%	62%
Brooklyn Lake	SNOTEL	67"	73"	28.5	24.7	23.3	122%	106%
Cinnabar Park	SNOTEL	55"	52"	22.1	19.7	19.4	114%	102%
Hairpin Turn	Manual Course	41"	34"	15.8	11.8	12.8	123%	92%
Libby Lodge	Manual Course	32"	22"	12.0	6.6	5.8	207%	114%
Drainage Average:							131%	97%

Crow Creek Drainage (Mountains east of Laramie)

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2020	Last Year	2020	Last Year	1981-2010	2020	Last Year
Crow Creek	SNOTEL	1"	1"	0.2	0.7	0		
Pole Mountain	Manual Course	26"	13"	8.6	3.3	4.6	187%	72%
Drainage Average:							191%	87%

Medicine Bow River Drainage (Including Rock Creek)

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2020	Last Year	2020	Last Year	1981-2010	2020	Last Year
Deep Lake	Manual Course	104"	95"	43.6	39.2	39.4	111%	99%
Medicine Bow	SNOTEL	101"	111"	45.0	42.5			
Moss Lake	Manual Course	67"	59"	26.6	22.8	23.4	114%	97%
Sand Lake	SNOTEL	79"	97"	33.2	32.1	31.4	106%	102%
Drainage Average:							110%	100%

Little Medicine Bow River Drainage

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		Median	Percent Median	
		2020	Last Year	2020	Last Year	1981-2010	2020	Last Year
LaPrele Creek	SNOTEL	18"	22"	7.3	6.9	6.1	120%	113%
Drainage Average:							120%	113%

Comments:

The fourth manual snow survey for 2020 was finished on April 30, 2020. The snowpack in the mountains west of Laramie show that the southern part of the mountains are at 105% of median using the new 30 year median, and the northern end of the mountains are at 110% of median using the new 30 year median. Last year at this time they were 94% to 100% using the new 30 year median. The mountains east of Laramie show the snowpack at 191% of median, compared to 87% last year. With these numbers being at or above 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/sew-snowpack-reports-by-drainage>

Snowpack Report

May 1, 2020

North Platte River Drainage (Above Interstate 80)

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		30 Year Median	Percent of Median	
		2020	Last Year	2020	Last Year		2020	Last Year
Arapaho Ridge, CO	SNOTEL	62	76	23.3	25.3	22.3	104%	113%
Blackhall, WY	SNOTEL	70	85	30.8	33.6	NEW	NEW	NEW
Cameron Pass, CO	Manual Course	72	63	29	26.8	27.1	107%	99%
Columbine, CO	SNOTEL	48	44	23.5	17.6	18.2	129%	97%
Deep Lake, WY	Manual Course	104	95	43.6	39.2	39.4	111%	99%
Divide Peak, WY	SNOTEL	35	45	15.7	15.6	18.0	87%	87%
Joe Wright, CO	SNOTEL	58	60	24.3	22.2	23.3	104%	95%
Med Bow, WY	SNOTEL	101	111	45.0	42.5	NEW	NEW	NEW
Moss Lake, WY	Manual Course	67	59	26.6	22.8	23.4	114%	97%
Never Summer, CO	SNOTEL	57	69	23.3	25.1	21.8	107%	115%
North Barrett Creek, WY	Manual Course	66	53	27.0	20.4	22.0	123%	93%
North French Creek, WY	SNOTEL	84	91	35.6	31.8	32.9	108%	97%
Old Battle, WY	SNOTEL	90	117	33.8	40.8	34.7	97%	118%
Park View, CO	Manual Course	na	21	na	6.4	7.2	#VALUE!	89%
Purgatory Gulch, WY	Manual Course	26	28	8.6	9.8	10.7	80%	92%
Rawah, CO	SNOTEL	19	19	8.2	7.7	6.1	134%	126%
Roach, CO	SNOTEL	36	50	13.7	16.1	17.2	80%	94%
Ryan Park, WY	Manual Course	28	15	10.4	5.0	5.8	179%	86%
Sage Creek Basin, WY	SNOTEL	11	29	4.5	9.7	1.1	409%	882%
Sand Lake, WY	SNOTEL	79	97	33.2	32.1	31.4	106%	102%
South Brush Creek, WY	SNOTEL	14	12	6.1	2.2	9.2	66%	24%
Tower, CO	SNOTEL	113	131	46.0	53.6	50.0	92%	107%
Webber Springs, WY	SNOTEL	50	63	19.8	24.4	21.7	91%	112%
Whiskey Park, WY	SNOTEL	60	72	28.3	28.9	26.5	107%	109%
Willow Creek Pass, CO	SNOTEL	44	49	15.2	18.0	14.2	107%	127%
Zirkel, CO	SNOTEL	43	65	21.8	27.1	21.0	104%	129%
Drainage Average:							105%	105%

Encampment River Drainage

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		30 Year Median	Percent of Median	
		2020	Last Year	2020	Last Year		2020	Last Year
Blackhall, WY	SNOTEL	70	59	30.8	33.6	NEW	NEW	NEW
Old Battle, WY	SNOTEL	90	72	33.8	40.8	34.7	97%	118%
Purgatory Gulch, WY	Manual Course	26	6	8.6	9.8	10.7	80%	92%
Webber Springs, WY	SNOTEL	50	34	19.8	24.4	21.7	91%	112%
Whiskey Park, WY	SNOTEL	60	na	28.3	28.9	26.5	107%	109%
Drainage Average:							97%	111%

Little Snake River Drainage

Snow Course	Type	Snow Depth (inches)		Water Content (inches)		30 Year Median	Percent of Median	
		2020	Last Year	2020	Last Year		2020	Last Year
Battle Mountain, WY	SNOTEL	2	10	1.0	1.9	0.0	#DIV/0!	#DIV/0!
Butterhill, CO	Manual Course	na	14	na	4.5	10.2	#VALUE!	44%
Divide Peak, WY	SNOTEL	35	0	15.7	15.6	18.0	87%	87%
Elk River, CO	SNOTEL	29	32	12.6	12.5	13.2	95%	95%
Haskins Creek, WY	Manual Course	75	67	31.4	27.4	31.2	101%	88%
Little Snake River, WY	SNOTEL	50	68	23	26.6	22.3	103%	119%
Old Battle, WY	SNOTEL	90	0	33.8	40.8	34.7	97%	118%
Sage Creek, WY	SNOTEL	11	0	4.5	9.7	1.1	409%	882%
Sandstone R. S., WY	SNOTEL	21	28	7.8	8.2	5.9	132%	139%
Whiskey Park, WY	SNOTEL	60	0	28.3	28.9	26.5	107%	109%
Drainage Average:							103%	108%

Comments:

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