

Snowpack Report

01 April 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	*	74"	*	25.3	25.1	*	101%
Chambers Lake, CO	Manual Course	*	32"	*	7.9	6.6	*	120%
Deadman Hill, CO	SNOTEL	61"	68"	18.4	21.0	15.6	118%	135%
Fox Park, WY	Manual Course	36"	30"	9.0	7.4	7.6	118%	97%
Joe Wright, CO	SNOTEL	68"	63"	22.1	21.6	20.2	109%	107%
McIntyre, CO	Manual Course	*	46"	*	13.8	8.8	*	157%
Roach, CO	SNOTEL	50"	58"	15.2	17.6	15.6	98%	113%
Drainage Average:							110%	115%

* Data unavailable from NRCS at this time.

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	47"	41"	14.8	12.8	12.2	121%	105%
Brooklyn Lake	SNOTEL	80"	69"	27.7	23.7	20.0	139%	119%
Cinnabar Park	SNOTEL	67"	62"	23.0	20.2	20.0	115%	100%
Hairpin Turn	Manual Course	54"	52"	16.8	16.2	13.4	125%	121%
Libby Lodge	Manual Course	44"	45"	13.0	12.6	9.6	135%	131%
Drainage Average:							127%	114%

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	23"	21"	7.8	5.8	6.8	115%	85%
Pole Mountain	Manual Course	36"	32"	9.0	8.4	7.6	118%	111%
Drainage Average:							117%	99%

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	112"	100"	38.0	35.2	34.6	110%	102%
Medicine Bow	SNOTEL	113"	96"	43.4	36.8			
Moss Lake	Manual Course	75"	67"	24.8	23.4	19.9	125%	118%
Sand Lake	SNOTEL	89"	89"	29.6	28.3	27.5	108%	103%
Drainage Average:							113%	106%

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	41"	48"	12.3	13.3	9.5	129%	140%
Drainage Average:							129%	140%

Comments:

The third manual snow survey for 2020 was finished on March 31, 2020. The snowpack in the mountains west of Laramie show that the southern part of the mountains are at 110% of median using the new 30 year median, and the northern end of the mountains are at 113% of median using the new 30 year median. Last year at this time they were 106% to 115% using the new 30 year median. The mountains east of Laramie show the snowpack at 117% of median, compared to 99% 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 Adam Skadsen or Josh Deberard at 742-0023.

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

<http://snow.wyo.gov/snow-data/se0-snowpack-reports-by-drainage>

Snowpack Report

April 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	72	76	22.8	25.5	19.8	115%	129%
Blackhall, WY	SNOTEL	86	87	30.3	32.0	NEW	NEW	NEW
Cameron Pass, CO	Manual Course	na	74	na	25.3	25.1	#VALUE!	101%
Columbine, CO	SNOTEL	68	69	31.2	29.3	22.8	137%	129%
Deep Lake, WY	Manual Course	112	102	38.0	35.2	34.6	110%	102%
Divide Peak, WY	SNOTEL	58	60	21.1	21.1	19.5	108%	108%
Joe Wright, CO	SNOTEL	68	63	22.1	21.6	20.2	109%	107%
Med Bow, WY	SNOTEL	113	96	43.4	36.8	NEW	NEW	NEW
Moss Lake, WY	Manual Course	75	67	24.8	23.4	19.9	125%	118%
Never Summer, CO	SNOTEL	60	67	19.8	22.3	19.6	101%	114%
North Barrett Creek, WY	Manual Course	75	65	24.6	20.6	20.9	118%	99%
North French Creek, WY	SNOTEL	94	81	33.4	29.4	28	119%	105%
Old Battle, WY	SNOTEL	102	104	31.9	35.4	29.6	108%	120%
Park View, CO	Manual Course	na	38	na	10.3	8.8	#VALUE!	117%
Purgatory Gulch, WY	Manual Course	39	47	11.4	15.6	11.4	100%	137%
Rawah, CO	SNOTEL	33	38	12.4	14.6	10.3	120%	142%
Roach, CO	SNOTEL	50	58	15.3	17.6	15.6	98%	113%
Ryan Park, WY	Manual Course	45	39	13.8	11.8	9.8	141%	120%
Sage Creek Basin, WY	SNOTEL	41	60	16.0	18.7	12.7	126%	147%
Sand Lake, WY	SNOTEL	89	89	29.6	28.3	27.5	108%	103%
South Brush Creek, WY	SNOTEL	39	37	13.8	11.8	12.2	113%	97%
Tower, CO	SNOTEL	120	130	45.9	50.1	44	104%	114%
Webber Springs, WY	SNOTEL	70	75	23.0	26.2	23	100%	114%
Whiskey Park, WY	SNOTEL	79	78	32.9	30.8	25.8	128%	119%
Willow Creek Pass, CO	SNOTEL	47	55	13.3	16.0	11.8	113%	136%
Zirkel, CO	SNOTEL	65	78	29.1	33.1	26.4	110%	125%
							113%	115%

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	86	87	30.3	32.0	NEW	NEW	NEW
Old Battle, WY	SNOTEL	102	104	31.9	35.4	29.6	108%	120%
Purgatory Gulch, WY	Manual Course	39	47	11.4	15.6	11.4	100%	137%
Webber Springs, WY	SNOTEL	70	75	23.0	26.2	23	100%	114%
Whiskey Park, WY	SNOTEL	79	78	32.9	30.8	25.8	128%	119%
							110%	120%

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	29	39	12.7	13.3	10.6	120%	125%
Butterhill, CO	Manual Course	na	44	na	13.7	12.6	#VALUE!	109%
Divide Peak, WY	SNOTEL	58	60	21.1	21.1	19.5	108%	108%
Elk River, CO	SNOTEL	52	52	20.6	19.7	18.5	111%	106%
Haskins Creek, WY	Manual Course	92	87	31.4	31.2	27.7	113%	113%
Little Snake River, WY	SNOTEL	75	74	28.2	29.3	23.2	122%	126%
Old Battle, WY	SNOTEL	102	104	31.9	35.4	29.6	108%	120%
Sage Creek, WY	SNOTEL	41	60	16.0	18.7	12.7	126%	147%
Sandstone R. S., WY	SNOTEL	43	47	17.5	17.5	13.1	134%	134%
Whiskey Park, WY	SNOTEL	79	0	32.9	30.8	25.8	128%	119%
							117%	119%

Comments:

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combined with data from automated SNOTEL sites to come up with average snowpack values. For more information you can contact Chad Pickett or Robin Blake at 326-8130.