

Wyoming – NRCS

Report #10

Weekly Snow Report

Feb 19, 2024

Good day to all. This is the 10<sup>th</sup> Snow Report for Water Year 2024 (2023-2024 snow season). Currently the state’s SNOTELs are reading 88% of median with a basin high of 106% and a basin low of 42%. Last year the state was at 108%, and at 87% in 2022. The map may differ slightly from the table depending upon how many stations were reporting at the time. This report and a map displaying basin SWE percentages of median for the state may be found at: <http://www.wrds.uwyo.edu/wrds/nrcs/nrcs.html>.

For information on the use of median vs. average go to [http://www.wcc.nrcs.usda.gov/normals/median\\_average.htm](http://www.wcc.nrcs.usda.gov/normals/median_average.htm)

**SNOW WATER EQUIVALENT AS PERCENT OF MEDIAN.** The following table shows the percent of median for today, the 2 previous weeks, one year ago, and two years ago for Wyoming basins. Normal (median) is based on all reporting SNOTEL sites in the basin with calculated medians (newer SNOTEL sites do not have medians figured), but does not include manually measured snow courses. The statewide SNOTEL percent of median is calculated by averaging medians for all stations associated with Wyoming basins. The weighted state average is figured using the area of basins (square miles). The reference period for computing medians is the 30-year period 1991 through 2020.

Basin	2/19/2024	2/12/2024	2/5/2024	2/19/2023	2/19/2022
Snake	89	82	78	95	82
Madison	76	76	66	112	85
Yellowstone	68	63	61	90	86
Wind	102	97	93	108	99
Bighorn	86	82	76	102	90
Shoshone	83	76	74	89	86
Powder	64	62	51	106	84
Tongue	70	65	56	108	93
Belle Fourche	62	57	63	108	76
Cheyenne	66	60	64	101	74
Upper North Platte	91	86	84	119	93
Sweetwater	103	90	84	124	86
Lower North Platte	73	69	65	121	82
Laramie	81	76	77	107	97
South Platte	42	37	37	74	68
Little Snake	99	94	89	137	84
Upper Green	87	78	74	94	83
Lower Green	106	106	95	124	89
Upper Bear	106	103	100	120	84
Statewide SNOTEL Percent of Median	88	83	79	108	87
Weighted State Average (Area)	83	78	74	108	86
Minimum	42	37	37	74	68
Maximum	106	106	100	137	99

red = down

blue = up

green = same

\* Basin SWE values, close to dates of first measurable snowfall and melt-out, can be irregular or erratic

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NRCS Snow Survey

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Snow Water Equivalent

## Wyoming Basins

February 19, 2024, first of day

Percent NRCS 1991-2020 Median

