

# Wyoming – NRCS

## Weekly Snow Report

## Report #3

## Jan 1, 2024

Good day to all. This is the 3<sup>rd</sup> Snow Report for Water Year 2024 (2023-2024 snow season). Currently the state’s SNOTELs are reading 65% of median with a basin high of 83% and a basin low of 16%. Last year the state was at 122%, and at 105% 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 a percent of median using all SNOTEL sites in Wyoming with calculated medians. The weighted state average is figured using the area of basins (square miles). The reference period for computing medians is the 30-year period 1981 through 2010.

Basin	1/1/2024	12/25/2023	12/18/2023	1/1/2023	1/1/2022
Snake	64	71	78	121	104
Madison	57	63	68	145	117
Yellowstone	62	68	77	115	98
Wind	83	88	90	120	107
Bighorn	77	84	85	98	83
Shoshone	78	85	92	103	90
Powder	51	53	58	113	80
Tongue	60	66	74	103	81
Belle Fourche	62	35	41	108	48
Cheyenne	66	39	46	108	53
Upper North Platte	66	69	73	121	117
Sweetwater	77	82	83	163	99
Lower North Platte	45	37	39	93	57
Laramie	59	57	61	105	110
South Platte	16	15	19	45	42
Little Snake	70	78	81	144	121
Upper Green	55	60	67	113	99
Lower Green	62	65	80	148	116
Upper Bear	71	75	89	148	123
Statewide SNOTEL Percent of Median	65	70	79	122	105
Weighted State Average (Area)	63	62	68	115	90
Minimum	16	15	19	45	42
Maximum	83	88	92	163	123

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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Snow Water Equivalent

## Wyoming Basins

January 1, 2024, first of day

Percent NRCS 1991-2020 Median

