

# Report #8

# Wyoming – NRCS Weekly Snow Report

# January 30, 2023

Good day to all. This is the 8th Snow Report for Water Year 2023 (2022-2023 snow season). Currently the state's SNOTELs are reading 117% of median with a basin high of 159% and a basin low of 76%. Last year the state was at 99%, and at 80% in 2021. 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: <https://www.nrcs.usda.gov/wps/portal/wcc/home/snowClimateMonitoring/30YearNormals>

**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 1991 through 2020.

Basin	1/30/2023	1/23/2023	1/16/2023	1/30/2022	1/30/2021
Snake	105	105	116	96	84
Madison	127	128	137	97	82
Yellowstone	98	96	104	92	93
Wind	122	121	128	109	73
Bighorn	108	94	96	88	76
Shoshone	93	90	96	91	85
Powder	111	103	107	81	74
Tongue	113	88	92	88	90
Belle Fourche	113	103	107	62	70
Cheyenne	107	99	101	61	72
Upper North Platte	137	126	132	109	78
Sweetwater	158	155	175	98	74
Lower North Platte	128	114	118	79	68
Laramie	122	114	112	108	72
South Platte	76	70	57	60	20
Little Snake	159	149	161	102	79
Upper Green	104	101	115	98	77
Lower Green	146	145	162	107	82
Upper Bear	147	145	160	107	73
Statewide SNOTEL Percent of Median	117	114	121	99	80
Weighted State Average (Area)	119	112	119	91	75

Minimum	76	70	57	60	20
Maximum	159	155	175	109	93

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 Snow Water Equivalent (SWE) % of Median

January 30, 2023, first of day

Percent NRCS 1991-2020 Median

