

# Wyoming – NRCS

## Weekly Snow Report

### December 19, 2022

Good day to all. This is the 2nd Snow Report for Water Year 2023 (2022-2023 snow season). Currently the state's SNOTELs are reading 111% of median with a basin high of 142% and a basin low of 47%. Last year the state was at 79%, and at 83% in 2020. 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 1991 through 2020.

Basin	12/19/2022	12/12/2022	12/5/2022	12/19/2021	12/19/2020
Snake	107	121	126	74	89
Madison	142	160	171	90	79
Yellowstone	107	120	121	72	107
Wind	109	108	114	83	81
Bighorn	98	95	100	85	74
Shoshone	91	101	103	62	94
Powder	122	114	124	86	69
Tongue	111	102	107	92	90
Belle Fourche	138	91	90	58	45
Cheyenne	135	90	88	65	56
Upper North Platte	107	96	94	86	74
Sweetwater	135	132	140	71	85
Lower North Platte	86	83	88	56	31
Laramie	95	85	85	69	67
South Platte	47	46	58	0	16
Little Snake	125	120	119	86	72
Upper Green	91	101	107	70	84
Lower Green	135	143	139	77	87
Upper Bear	128	143	144	71	79
Statewide SNOTEL Percent of Median	111	114	117	79	83
Weighted State Average (Area)	111	106	109	73	71

Minimum	47	46	58	0	16
Maximum	142	160	171	92	107

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

December 19, 2022, first of day

Percent NRCS 1991-2020 Median

