

Wyoming – NRCS

Weekly Snow Report

Report #10February 13, 2023

Good day to all. This is the 10th 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 146% and a basin low of 75%. Last year the state was at 91%, and at 91% 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	2/13/2023	2/6/2023	1/30/2023	2/13/2022	2/13/2021
Snake	101	105	105	87	97
Madison	120	126	127	90	89
Yellowstone	93	96	98	87	103
Wind	113	118	122	100	81
Bighorn	103	104	108	87	91
Shoshone	91	92	93	87	100
Powder	112	111	111	82	87
Tongue	108	108	113	91	100
Belle Fourche	114	111	113	75	73
Cheyenne	106	103	107	75	78
Upper North Platte	126	131	137	96	92
Sweetwater	134	147	158	88	68
Lower North Platte	129	126	128	84	69
Laramie	116	118	122	99	83
South Platte	75	72	76	62	18
Little Snake	146	151	159	88	93
Upper Green	99	103	104	89	93
Lower Green	130	139	146	92	86
Upper Bear	129	140	147	90	78
Statewide SNOTEL Percent of Median	111	115	117	91	91
Weighted State Average (Area)	114	116	119	87	84
Minimum	75	72	76	62	18
Maximum	146	151	159	100	103

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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Percent NRCS 1991-2020 Median

