

Wyoming – NRCS

Weekly Snow Report

Feb 26, 2024

Report #11

Good day to all. This is the 11th 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 110% and a basin low of 42%. Last year the state was at 115%, and at 85% 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

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	2/26/2024	2/19/2024	2/12/2024	2/26/2023	2/26/2022
Snake	87	89	82	104	80
Madison	75	76	76	116	82
Yellowstone	69	68	63	102	84
Wind	98	102	97	113	95
Bighorn	77	86	82	110	85
Shoshone	83	83	76	100	85
Powder	57	64	62	119	80
Tongue	61	70	65	118	87
Belle Fourche	59	62	57	123	71
Cheyenne	61	66	60	111	70
Upper North Platte	96	91	86	123	91
Sweetwater	98	103	90	125	82
Lower North Platte	75	73	69	136	81
Laramie	86	81	76	116	96
South Platte	42	42	37	78	69
Little Snake	108	99	94	146	87
Upper Green	85	87	78	99	80
Lower Green	107	106	106	128	88
Upper Bear	110	106	103	127	82
Statewide SNOTEL Percent of Median	88	88	83	115	85
Weighted State Average (Area)	81	83	78	117	83
Minimum	42	42	37	78	69
Maximum	110	106	106	146	96

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

Percent NRCS 1991-2020 Median

February 26, 2024, first of day

