

Wyoming – NRCS

Weekly Snow Report

Report #12

Mar 4, 2024

Good day to all. This is the 12th Snow Report for Water Year 2024 (2023-2024 snow season). Currently the state’s SNOTELs are reading 95% of median with a basin high of 117% and a basin low of 47%. Last year the state was at 118%, and at 84% 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	3/4/2024	2/26/2024	2/19/2024	3/4/2023	3/4/2022
Snake	99	87	89	107	78
Madison	87	75	76	119	79
Yellowstone	79	69	68	102	83
Wind	106	98	102	113	92
Bighorn	83	77	86	106	83
Shoshone	93	83	83	100	82
Powder	62	57	64	116	78
Tongue	68	61	70	116	87
Belle Fourche	59	59	62	126	69
Cheyenne	60	61	66	115	67
Upper North Platte	100	96	91	125	90
Sweetwater	98	98	103	132	77
Lower North Platte	71	75	73	129	80
Laramie	90	86	81	116	94
South Platte	47	42	42	77	65
Little Snake	111	108	99	148	85
Upper Green	91	85	87	101	77
Lower Green	112	107	106	127	82
Upper Bear	117	110	106	131	79
Statewide SNOTEL Percent of Median	95	88	88	118	84
Weighted State Average (Area)	85	81	83	116	81
Minimum	47	42	42	77	65
Maximum	117	110	106	148	94

red = down
blue = up
green = same

* Basin SWE values, close to dates of first measurable snowfall and melt-out, can be irregular or erratic

For more info contact:

Jeff Coyle

Jeffrey.Coyle@usda.gov

(307) 233-6787

NRCS Snow Survey

100 East B St., Room 3124

Casper, WY 82601

Snow Water Equivalent

Wyoming Basins

Wyoming Basins

March 4, 2024, first of day

