

Wyoming – NRCS

Weekly Snow Report

January 2, 2023

Good day to all. This is the 4th Snow Report for Water Year 2023 (2022-2023 snow season). Currently the state's SNOTELs are reading 122% of median with a basin high of 179% and a basin low of 49%. Last year the state was at 104%, and at 82% 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/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 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	1/2/2023	12/26/2022	12/19/2022	1/2/2022	1/2/2021
Snake	119	112	107	104	87
Madison	142	136	142	116	74
Yellowstone	109	113	107	97	101
Wind	127	113	109	106	75
Bighorn	100	105	98	85	73
Shoshone	101	101	91	89	91
Powder	114	126	122	83	71
Tongue	102	115	111	84	88
Belle Fourche	107	135	138	50	57
Cheyenne	108	130	135	55	67
Upper North Platte	125	102	107	116	78
Sweetwater	179	137	135	101	81
Lower North Platte	107	84	86	57	48
Laramie	119	95	95	107	71
South Platte	49	49	47	44	18
Little Snake	144	116	125	120	81
Upper Green	117	100	91	99	79
Lower Green	153	133	135	114	84
Upper Bear	155	120	128	122	76
Statewide SNOTEL Percent of Median	122	111	111	104	82
Weighted State Average (Area)	119	112	111	90	73

Minimum	49	49	47	44	18
Maximum	179	137	142	122	101

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:

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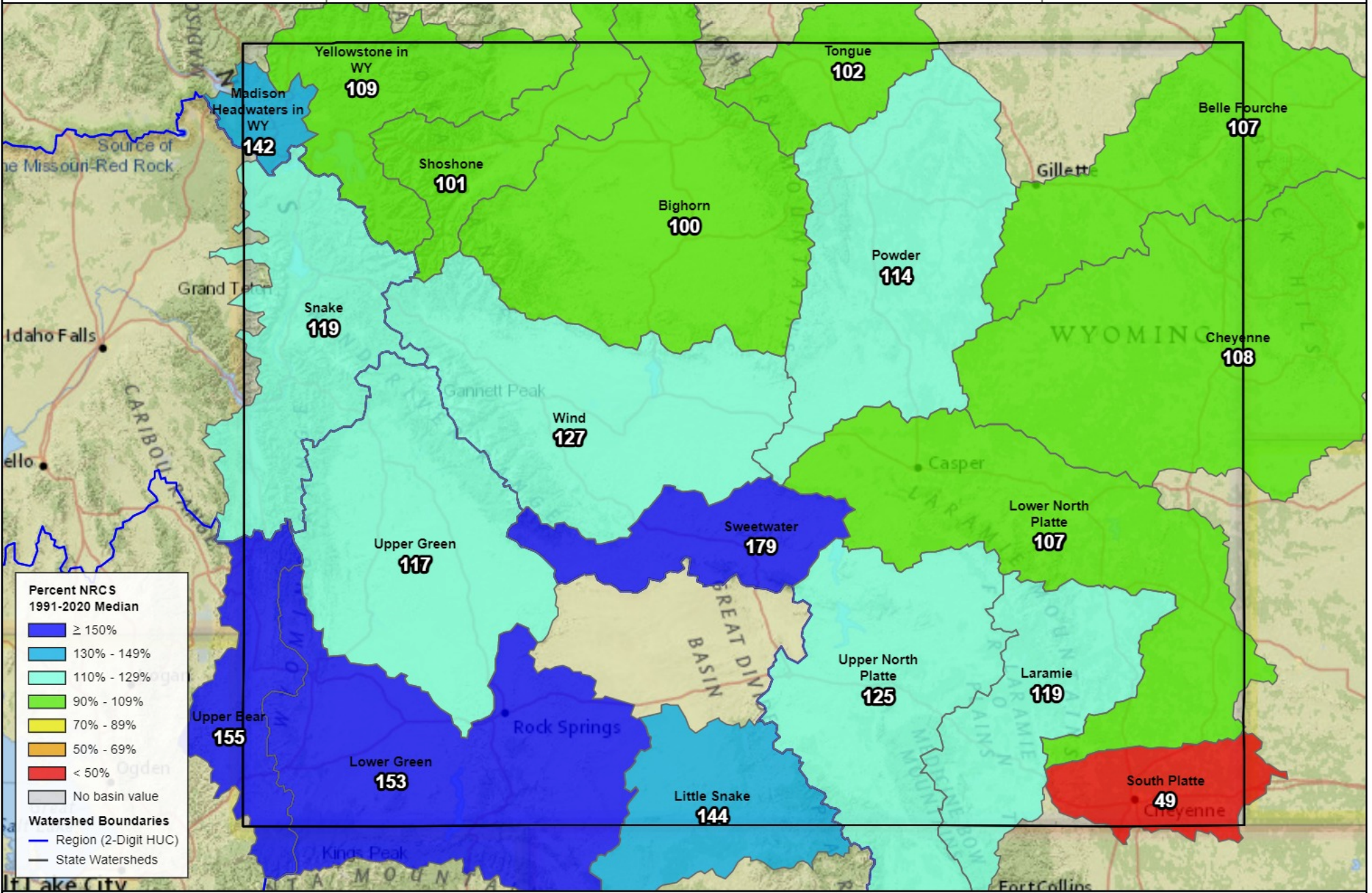
NRCS Snow Survey
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 Casper, WY 82601

Snow Water Equivalent

Wyoming Basins Snow Water Equivalent (SWE) % of Median

January 2, 2023, first of day

Percent NRCS 1991-2020 Median



Percent NRCS 1991-2020 Median

- ≥ 150%
- 130% - 149%
- 110% - 129%
- 90% - 109%
- 70% - 89%
- 50% - 69%
- < 50%
- No basin value

Watershed Boundaries

- Region (2-Digit HUC)
- State Watersheds

