

Wyoming – NRCS Weekly Snow Report

Report #6

January 16, 2023

Good day to all. This is the 6th Snow Report for Water Year 2023 (2022-2023 snow season). Currently the state's SNOTELs are reading 121% of median with a basin high of 175% and a basin low of 57%. Last year the state was at 110%, and at 81% 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 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	1/16/2023	1/9/2023	1/2/2023	1/16/2022	1/16/2021
Snake	116	116	119	112	87
Madison	137	139	142	106	78
Yellowstone	104	108	109	101	97
Wind	128	124	127	118	74
Bighorn	96	98	100	88	73
Shoshone	96	98	101	100	89
Powder	107	110	114	83	74
Tongue	92	99	102	86	87
Belle Fourche	107	106	107	54	59
Cheyenne	101	103	108	56	65
Upper North Platte	132	123	125	124	74
Sweetwater	175	168	179	107	75
Lower North Platte	118	104	107	72	56
Laramie	112	111	119	117	66
South Platte	57	58	49	57	14
Little Snake	161	150	144	120	78
Upper Green	115	111	117	115	79
Lower Green	162	151	153	124	84
Upper Bear	160	151	155	126	74
Statewide SNOTEL Percent of Median	121	119	122	110	81
Weighted State Average (Area)	119	116	119	97	73
Minimum	57	58	49	54	14
Maximum	175	168	179	126	97

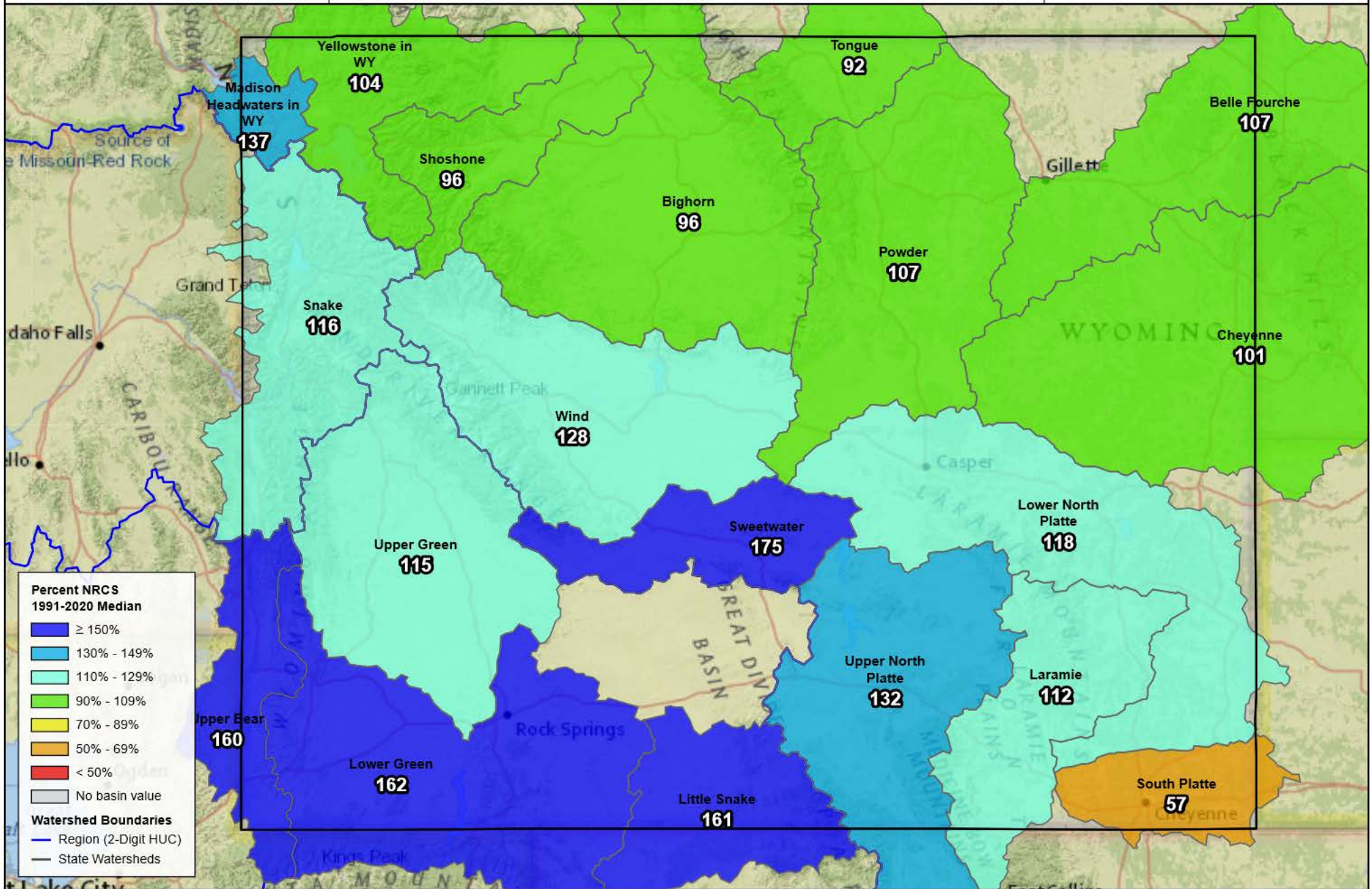
red = down blue = up green = same * Basin SWE values, close to dates of first measurable snowfall and melt-out, can be irregular or erratic

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Percent NRCS 1991-2020 Median



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

