

Report #5

Wyoming – NRCS Weekly Snow Report

January 9, 2023

Good day to all. This is the 5th Snow Report for Water Year 2023 (2022-2023 snow season). Currently the state's SNOTELs are reading 119% of median with a basin high of 168% and a basin low of 58%. Last year the state was at 119%, and at 85% 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	1/9/2023	1/2/2023	12/26/2022	1/9/2022	1/9/2021
Snake	116	119	112	125	93
Madison	139	142	136	120	82
Yellowstone	108	109	113	111	100
Wind	124	127	113	122	72
Bighorn	98	100	105	90	71
Shoshone	98	101	101	108	90
Powder	110	114	126	84	70
Tongue	99	102	115	86	87
Belle Fourche	106	107	135	51	60
Cheyenne	103	108	130	55	68
Upper North Platte	123	125	102	133	80
Sweetwater	168	179	137	110	77
Lower North Platte	104	107	84	71	55
Laramie	111	119	95	124	69
South Platte	58	49	49	65	12
Little Snake	150	144	116	131	85
Upper Green	111	117	100	128	84
Lower Green	151	153	133	134	86
Upper Bear	151	155	120	141	80
Statewide SNOTEL Percent of Median	119	122	111	119	85
Weighted State Average (Area)	116	119	112	103	74

Minimum	58	49	49	51	12
Maximum	168	179	137	141	100

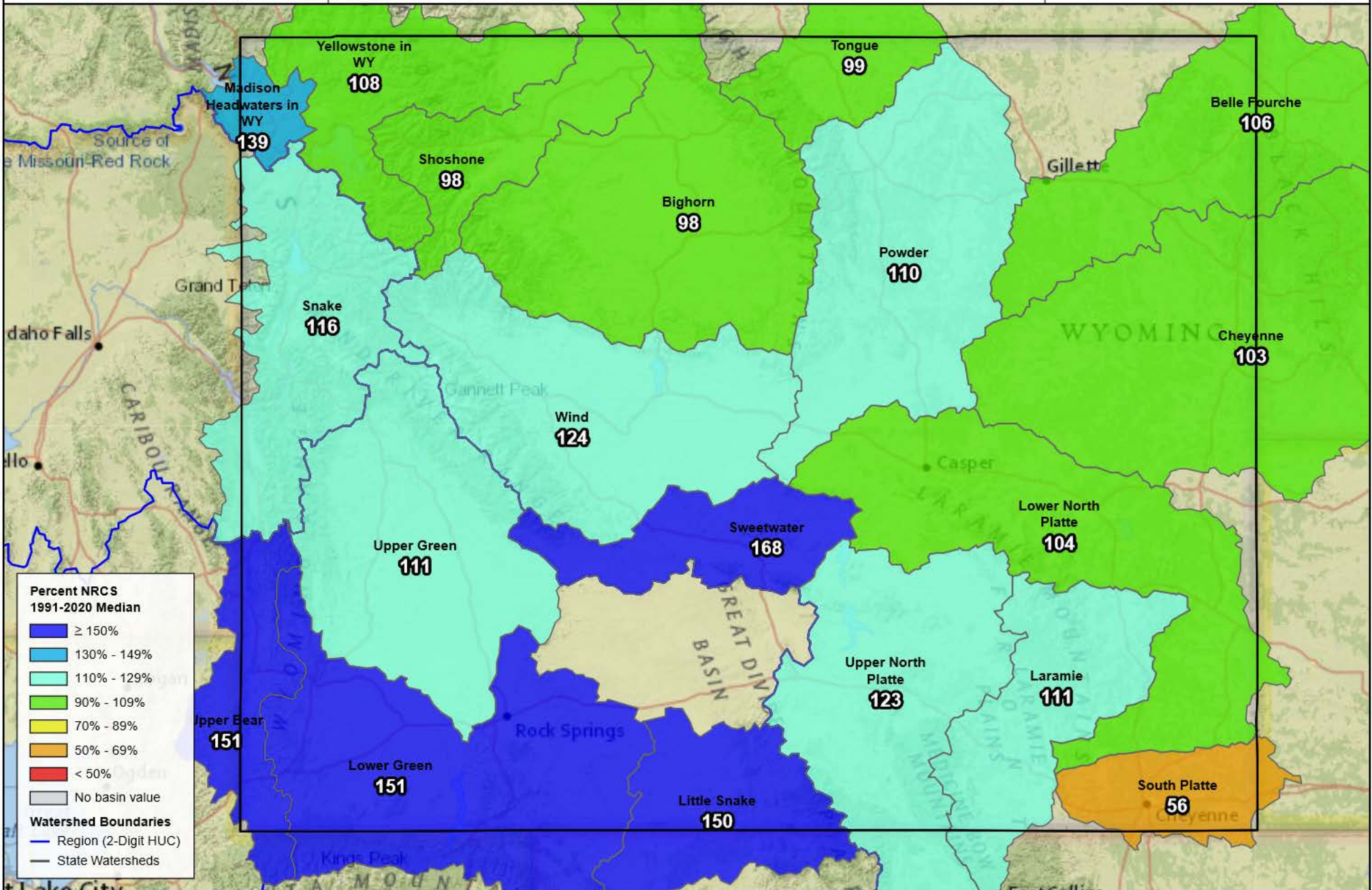
red = down blue = up green = same * Basin SWE values, close to dates of first measurable snowfall and melt-out, can be irregular or erratic

For more info contact:

Jeff Goats
jeff.goats@usda.gov
 (307) 233-6768

NRCS Snow Survey
 100 East B St., Room 3001
 Casper, WY 82601

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

