

Wyoming – NRCS Weekly Snow Report

Report #9

February 6, 2023

Good day to all. This is the 9th Snow Report for Water Year 2023 (2022-2023 snow season). Currently the state's SNOTELs are reading 115% of median with a basin high of 151% and a basin low of 72%. Last year the state was at 95%, and at 86% 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: <https://www.nrcs.usda.gov/wps/portal/wcc/home/snowClimateMonitoring/30YearNormals>

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	2/6/2023	1/30/2023	1/23/2023	2/6/2022	2/6/2021
Snake	105	105	105	92	91
Madison	126	127	128	95	90
Yellowstone	96	98	96	91	98
Wind	118	122	121	105	75
Bighorn	104	108	94	87	83
Shoshone	92	93	90	89	89
Powder	111	111	103	80	82
Tongue	108	113	88	88	96
Belle Fourche	111	113	103	61	75
Cheyenne	103	107	99	61	78
Upper North Platte	131	137	126	102	84
Sweetwater	147	158	155	95	71
Lower North Platte	126	128	114	78	71
Laramie	118	122	114	103	76
South Platte	72	76	70	59	19
Little Snake	151	159	149	93	85
Upper Green	103	104	101	93	83
Lower Green	139	146	145	100	88
Upper Bear	140	147	145	99	79
Statewide SNOTEL Percent of Median	115	117	114	95	86
Weighted State Average (Area)	116	119	112	88	80

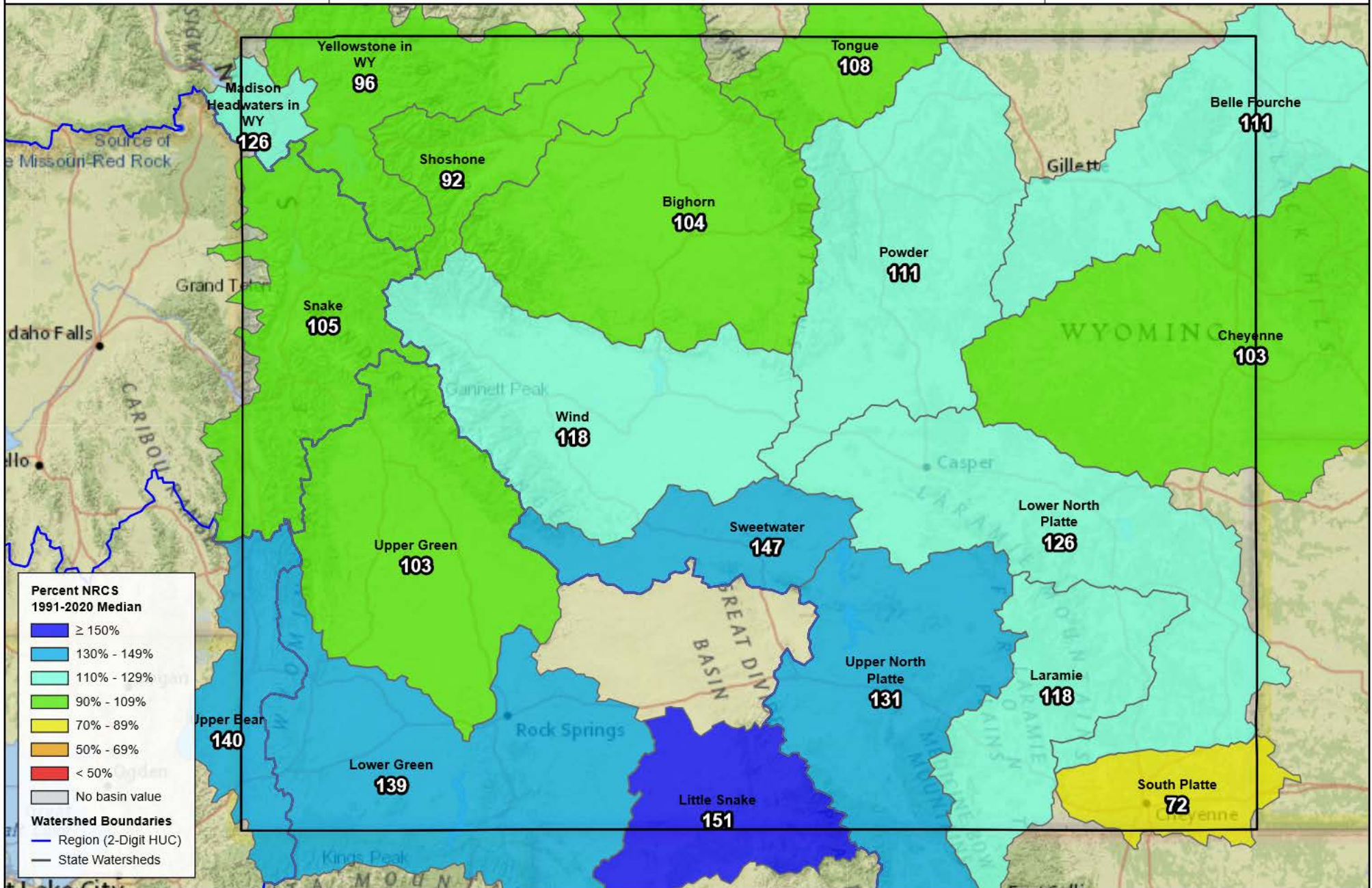
Minimum	72	76	70	59	19
Maximum	151	159	155	105	98
red = down	blue = up	green = same	* Basin SWE values, close to dates of first measurable snowfall and melt-out, can be irregular or erratic		

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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

