

Report #12

Wyoming – NRCS Weekly Snow Report

February 27, 2023

Good day to all. This is the 12th Snow Report for Water Year 2023 (2022-2023 snow season). Currently the state's SNOTELs are reading 112% of median with a basin high of 145% and a basin low of 78%. Last year the state was at 85%, and at 94% 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	2/27/2023	2/20/2023	2/13/2023	2/27/2022	2/27/2021
Snake	104	97	101	79	100
Madison	118	113	120	81	91
Yellowstone	102	92	93	84	105
Wind	112	108	113	94	81
Bighorn	109	104	103	87	90
Shoshone	100	91	91	84	104
Powder	118	107	112	81	90
Tongue	118	109	108	90	99
Belle Fourche	109	110	114	71	73
Cheyenne	109	103	106	69	75
Upper North Platte	124	121	126	91	95
Sweetwater	123	123	134	81	70
Lower North Platte	134	122	129	81	75
Laramie	119	112	116	96	91
South Platte	78	74	75	69	32
Little Snake	145	137	146	87	98
Upper Green	98	94	99	79	94
Lower Green	126	122	130	86	94
Upper Bear	127	119	129	82	88
Statewide SNOTEL Percent of Median	112	107	111	85	94
Weighted State Average (Area)	115	109	114	83	87

Minimum	78	74	75	69	32
Maximum	145	137	146	96	105

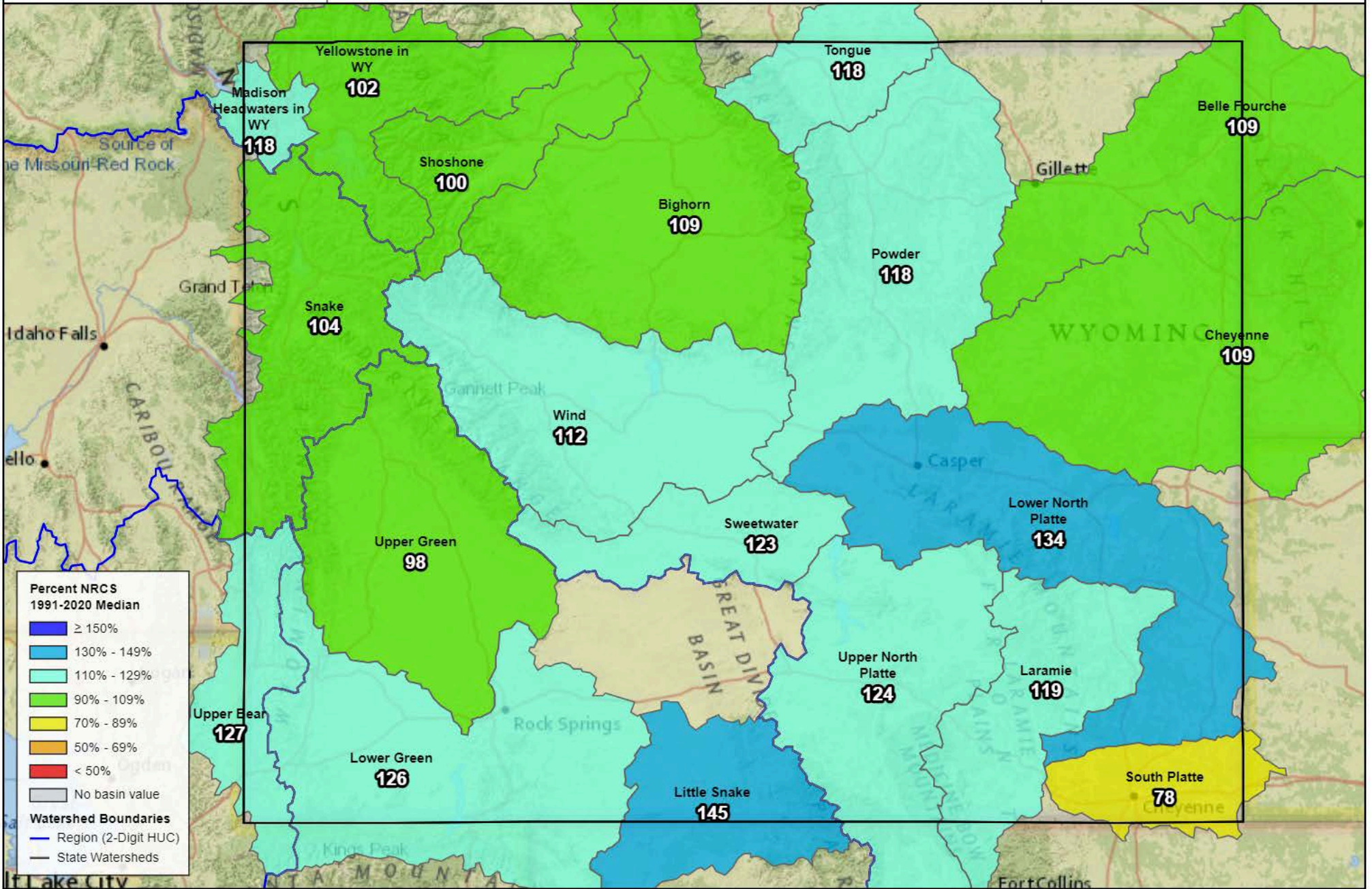
red = down blue = up green = same * Basin SWE values, close to dates of first measurable snowfall and melt-out, can be irregular or erratic

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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

