

Wyoming – NRCS

Report #11 Weekly Snow Report February 20, 2023

Good day to all. This is the 11th Snow Report for Water Year 2023 (2022-2023 snow season). Currently the state's SNOTELs are reading 107% of median with a basin high of 137% and a basin low of 74%. Last year the state was at 88%, and at 93% 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	2/20/2023	2/13/2023	2/6/2023	2/20/2022	2/20/2021
Snake	97	101	105	82	98
Madison	113	120	126	85	88
Yellowstone	92	93	96	86	103
Wind	108	113	118	99	81
Bighorn	104	103	104	91	93
Shoshone	91	91	92	86	102
Powder	107	112	111	85	91
Tongue	109	108	108	93	101
Belle Fourche	110	114	111	77	74
Cheyenne	103	106	103	75	77
Upper North Platte	121	126	131	92	95
Sweetwater	123	134	147	86	70
Lower North Platte	122	129	126	82	72
Laramie	112	116	118	97	88
South Platte	74	75	72	68	26
Little Snake	137	146	151	84	97
Upper Green	94	99	103	83	94
Lower Green	122	130	139	89	94
Upper Bear	119	129	140	83	85
Statewide SNOTEL Percent of Median	107	111	115	88	93
Weighted State Average (Area)	109	114	116	86	87
Minimum	74	75	72	68	26
Maximum	137	146	151	99	103

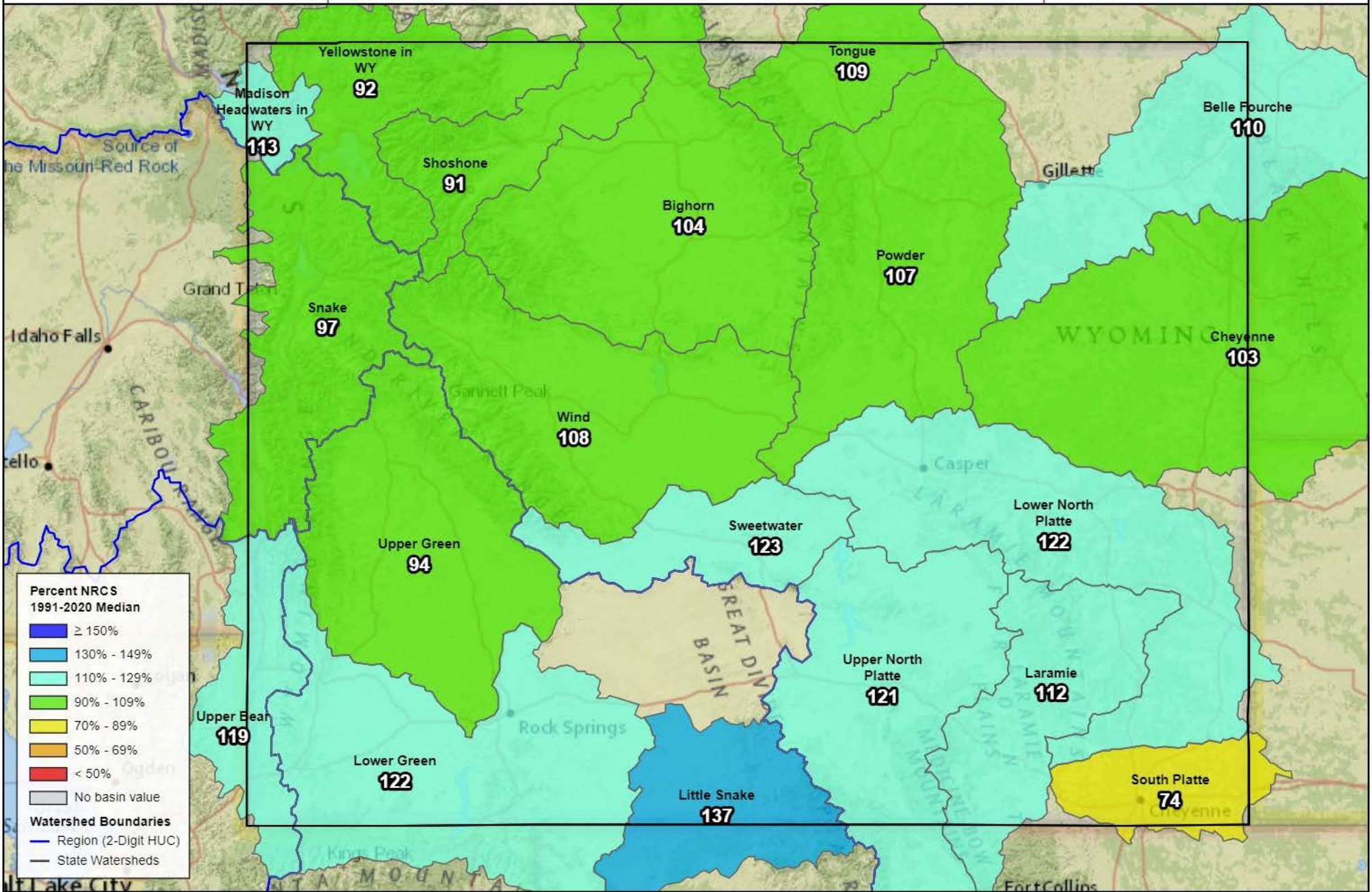
red = down blue = up green = same * Basin SWE values, close to dates of first measurable snowfall and melt-out, can be irregular or erratic

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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

