

Wyoming – NRCS Weekly Snow Report

May 13, 2024

Good day to all. This is the 22nd Snow Report for Water Year 2024 (2023-2024 snow season). Currently the state's SNOTELs are reading 106% of median with a basin high of 169% and a basin low of 0%. Last year the state was at 114%, and at 95% in 2022. 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 calculated by averaging medians for all stations associated with Wyoming basins. 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	5/13/2024	5/6/2024	4/29/2024	5/13/2023	5/13/2022
Snake	97	94	86	114	98
Madison	80	81	81	131	88
Yellowstone	82	79	73	95	102
Wind	123	108	98	103	118
Bighorn	113	98	91	68	102
Shoshone	91	89	85	80	101
Powder	100	64	66	63	108
Tongue	104	77	77	72	115
Belle Fourche	0	0	0	0	0
Cheyenne	0	0	0	0	0
Upper North Platte	113	100	95	111	89
Sweetwater	131	118	96	149	94
Lower North Platte	169	55	63	92	106
Laramie	131	106	103	90	86
South Platte	0	0	88	0	0
Little Snake	117	103	92	146	89
Upper Green	98	91	79	113	95
Lower Green	125	95	86	151	76
Upper Bear	129	106	96	171	80
Statewide SNOTEL Percent of Median	106	93	86	114	95
Weighted State Average (Area)	101	77	74	89	85

Minimum	0	0	0	0	0
Maximum	169	118	103	171	118

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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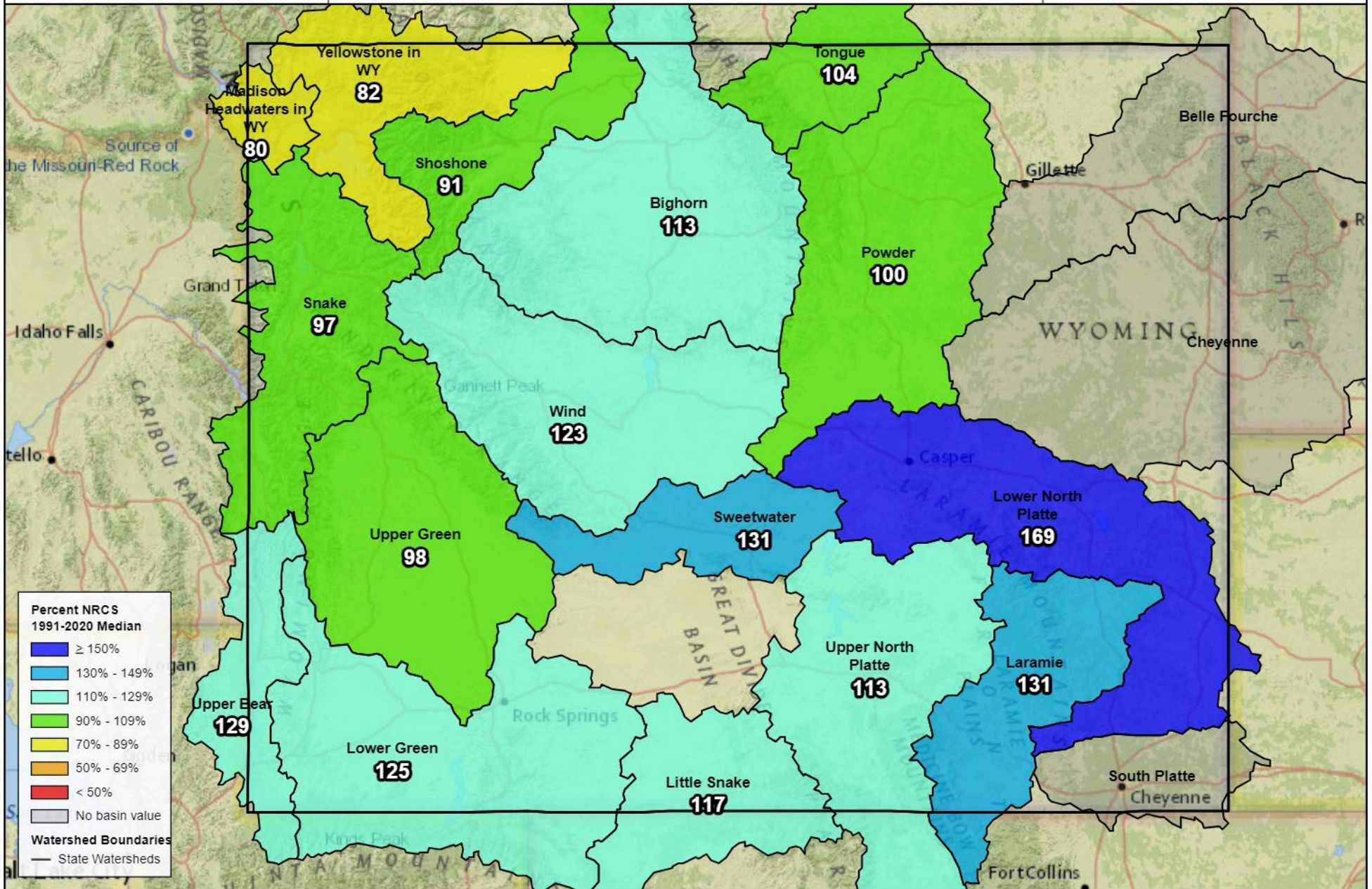
NRCS Snow Survey
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 Casper, WY 82601

Snow Water Equivalent

Wyoming Basins

May 13, 2024, first of day

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

- State Watersheds

