

Wyoming – NRCS Weekly Snow Report

Report #21

May 6, 2024

Good day to all. This is the 21th Snow Report for Water Year 2024 (2023-2024 snow season). Currently the state's SNOTELs are reading 93% of median with a basin high of 118% and a basin low of 0%. Last year the state was at 117%, and at 96% 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	5/6/2024	4/29/2024	4/22/2024	5/6/2023	5/6/2022
Snake	94	86	90	115	93
Madison	81	81	84	129	81
Yellowstone	79	73	75	99	95
Wind	108	98	94	110	115
Bighorn	98	91	97	75	109
Shoshone	89	85	81	84	94
Powder	64	66	81	73	120
Tongue	77	77	78	82	124
Belle Fourche	0	0	18	0	0
Cheyenne	0	0	26	0	0
Upper North Platte	100	95	99	116	95
Sweetwater	118	96	92	173	98
Lower North Platte	55	63	82	107	99
Laramie	106	103	103	98	100
South Platte	0	88	93	0	0
Little Snake	103	92	103	157	93
Upper Green	91	79	80	120	93
Lower Green	95	86	94	166	78
Upper Bear	106	96	109	186	86
Statewide SNOTEL Percent of Median	93	86	90	117	96
Weighted State Average (Area)	77	74	82	97	86

Minimum	0	0	18	0	0
Maximum	118	103	109	186	124

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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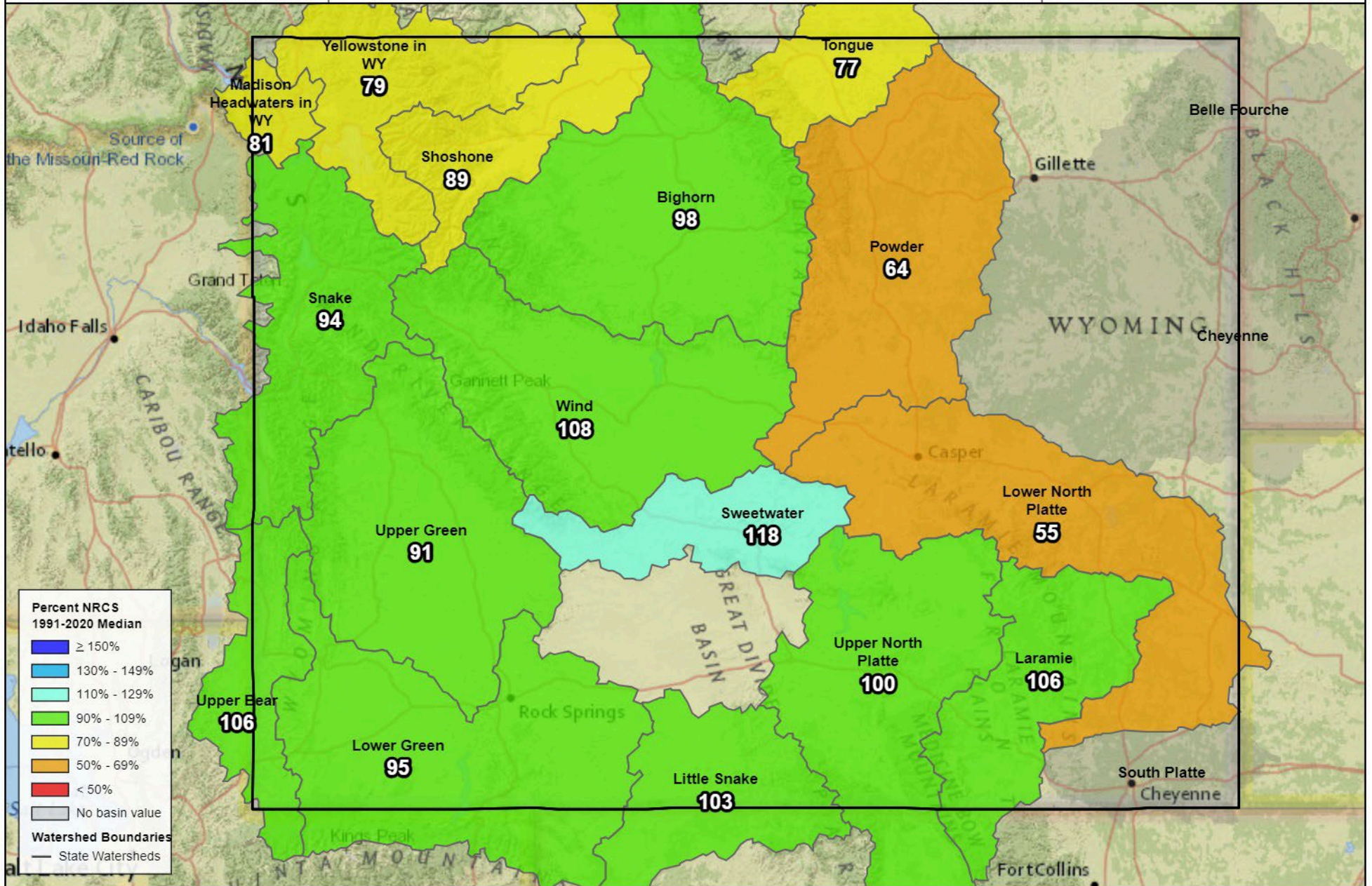
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 Casper, WY 82601

Snow Water Equivalent

Wyoming Basins

May 6, 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

