

Wyoming – NRCS Weekly Snow Report

Report #13

Mar 11, 2024

Good day to all. This is the 13th Snow Report for Water Year 2024 (2023-2024 snow season). Currently the state's SNOTELs are reading 97% of median with a basin high of 122% and a basin low of 52%. Last year the state was at 120%, and at 84% 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	3/11/2024	3/4/2024	2/26/2024	3/11/2023	3/11/2022
Snake	102	99	87	110	78
Madison	89	87	75	125	74
Yellowstone	82	79	69	105	81
Wind	104	106	98	116	93
Bighorn	84	83	77	105	84
Shoshone	95	93	83	100	80
Powder	62	62	57	114	78
Tongue	70	68	61	114	85
Belle Fourche	55	59	59	129	67
Cheyenne	58	60	61	119	67
Upper North Platte	101	100	96	127	93
Sweetwater	97	98	98	140	80
Lower North Platte	68	71	75	124	83
Laramie	94	90	86	120	98
South Platte	52	47	42	77	77
Little Snake	110	111	108	151	90
Upper Green	93	91	85	105	80
Lower Green	112	112	107	136	89
Upper Bear	122	117	110	141	84
Statewide SNOTEL Percent of Median	97	95	88	120	84
Weighted State Average (Area)	86	85	81	118	83

Minimum	52	47	42	77	67
Maximum	122	117	110	151	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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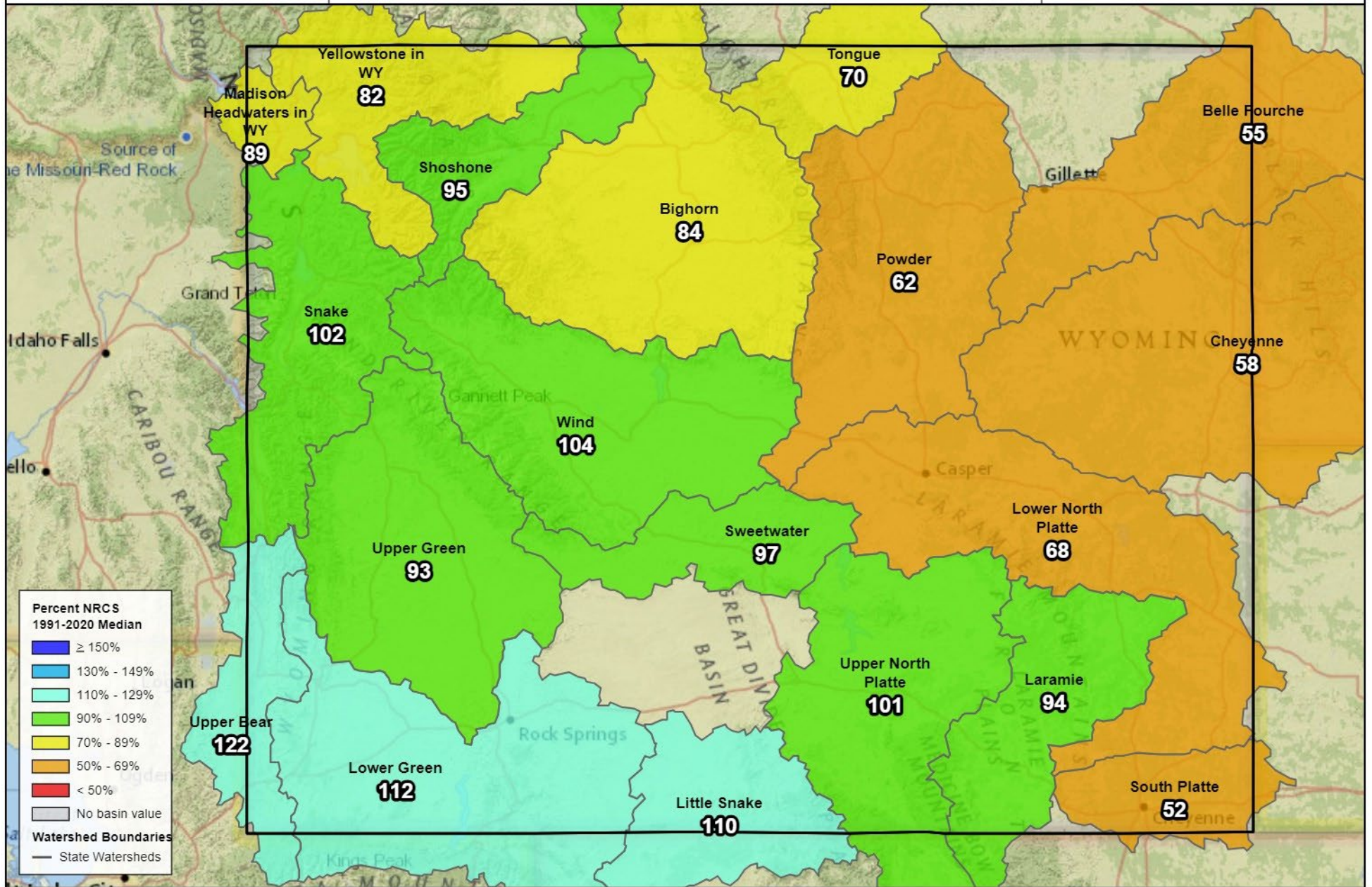
NRCS Snow Survey
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 Casper, WY 82601

Snow Water Equivalent

Wyoming Basins

March 11, 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

