

Wyoming – NRCS Weekly Snow Report

Mar 25, 2024

Good day to all. This is the 15th Snow Report for Water Year 2024 (2023-2024 snow season). Currently the state's SNOTELs are reading 96% of median with a basin high of 118% and a basin low of 37%. Last year the state was at 123%, 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	3/25/2024	3/18/2024	3/11/2024	3/25/2023	3/25/2022
Snake	97	99	102	113	77
Madison	86	87	89	132	75
Yellowstone	80	81	82	106	83
Wind	107	110	104	115	91
Bighorn	84	89	84	107	87
Shoshone	92	92	95	101	81
Powder	63	68	62	115	86
Tongue	73	76	70	114	92
Belle Fourche	37	55	55	131	61
Cheyenne	37	55	58	121	56
Upper North Platte	102	107	101	132	91
Sweetwater	102	105	97	138	77
Lower North Platte	76	84	68	118	87
Laramie	105	110	94	121	98
South Platte	84	73	52	87	85
Little Snake	112	117	110	162	90
Upper Green	89	91	93	109	77
Lower Green	113	118	112	138	86
Upper Bear	118	122	122	148	82
Statewide SNOTEL Percent of Median	96	99	97	123	84
Weighted State Average (Area)	85	91	86	120	83

Minimum	37	55	52	87	56
Maximum	118	122	122	162	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

For more info contact:

Jeff Coyle
Jeffrey.Coyle@usda.gov
 (307) 233-6787

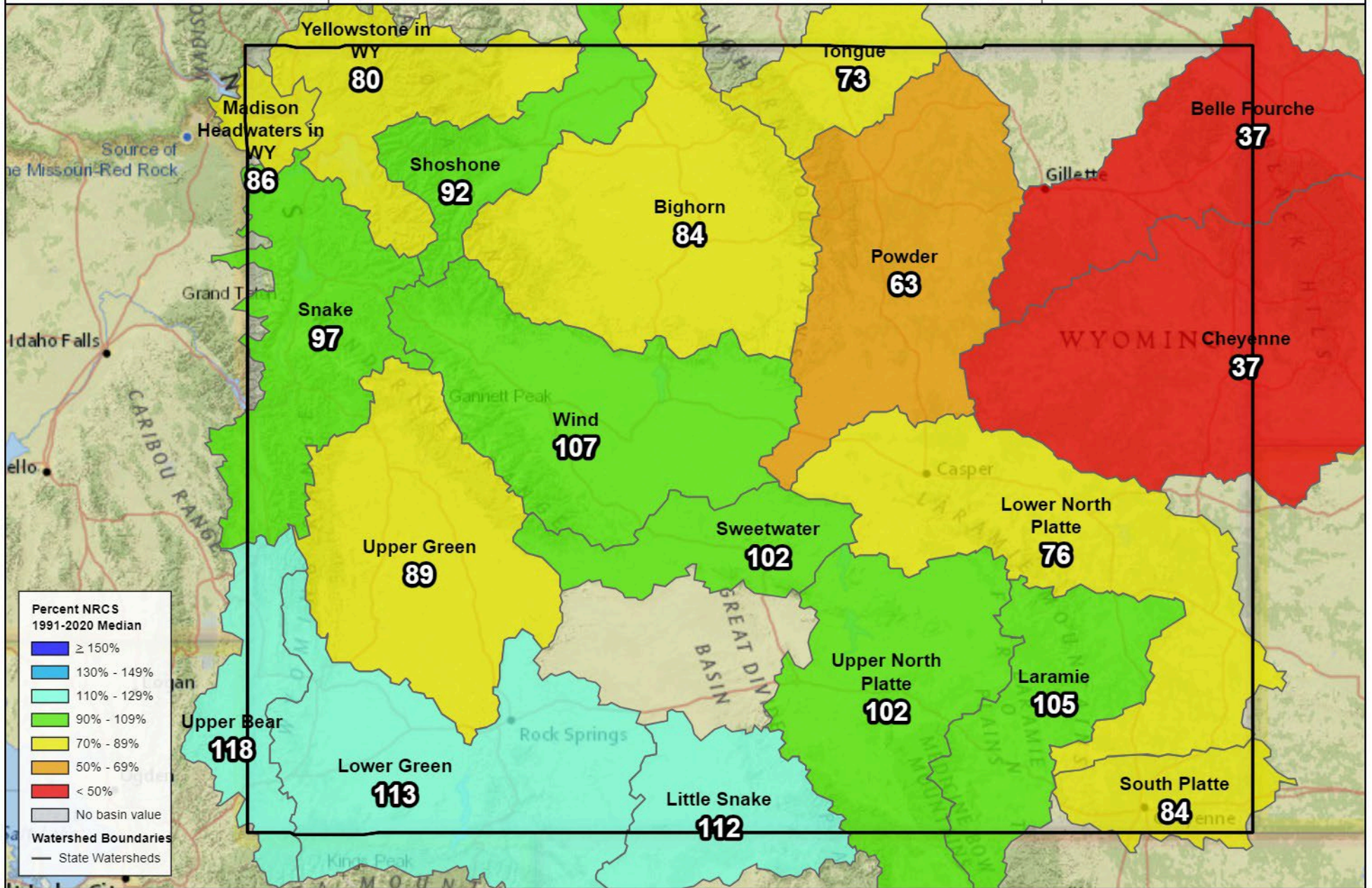
NRCS Snow Survey
 100 East B St., Room 3124
 Casper, WY 82601

Snow Water Equivalent

Wyoming Basins

March 25, 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

