

Wyoming – NRCS

Weekly Snow Report

December 26, 2022

Report #3

Good day to all. This is the 3rd Snow Report for Water Year 2023 (2022-2023 snow season). Currently the state's SNOTELs are reading 111% of median with a basin high of 137% and a basin low of 49%. Last year the state was at 92%, and at 84% in 2020. 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 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	12/26/2022	12/19/2022	12/12/2022	12/26/2021	12/26/2020
Snake	112	107	121	91	90
Madison	136	142	160	103	77
Yellowstone	113	107	120	91	108
Wind	113	109	108	96	79
Bighorn	105	98	95	84	77
Shoshone	101	91	101	79	97
Powder	126	122	114	84	76
Tongue	115	111	102	85	94
Belle Fourche	135	138	91	58	61
Cheyenne	130	135	90	63	70
Upper North Platte	102	107	96	97	74
Sweetwater	137	135	132	79	79
Lower North Platte	84	86	83	53	46
Laramie	95	95	85	85	66
South Platte	49	47	46	20	11
Little Snake	116	125	120	102	76
Upper Green	100	91	101	87	84
Lower Green	133	135	143	93	82
Upper Bear	120	128	143	89	75
Statewide SNOTEL Percent of Median	111	111	114	92	84
Weighted State Average (Area)	112	111	106	81	74

Minimum	49	47	46	20	11
Maximum	137	142	160	103	108

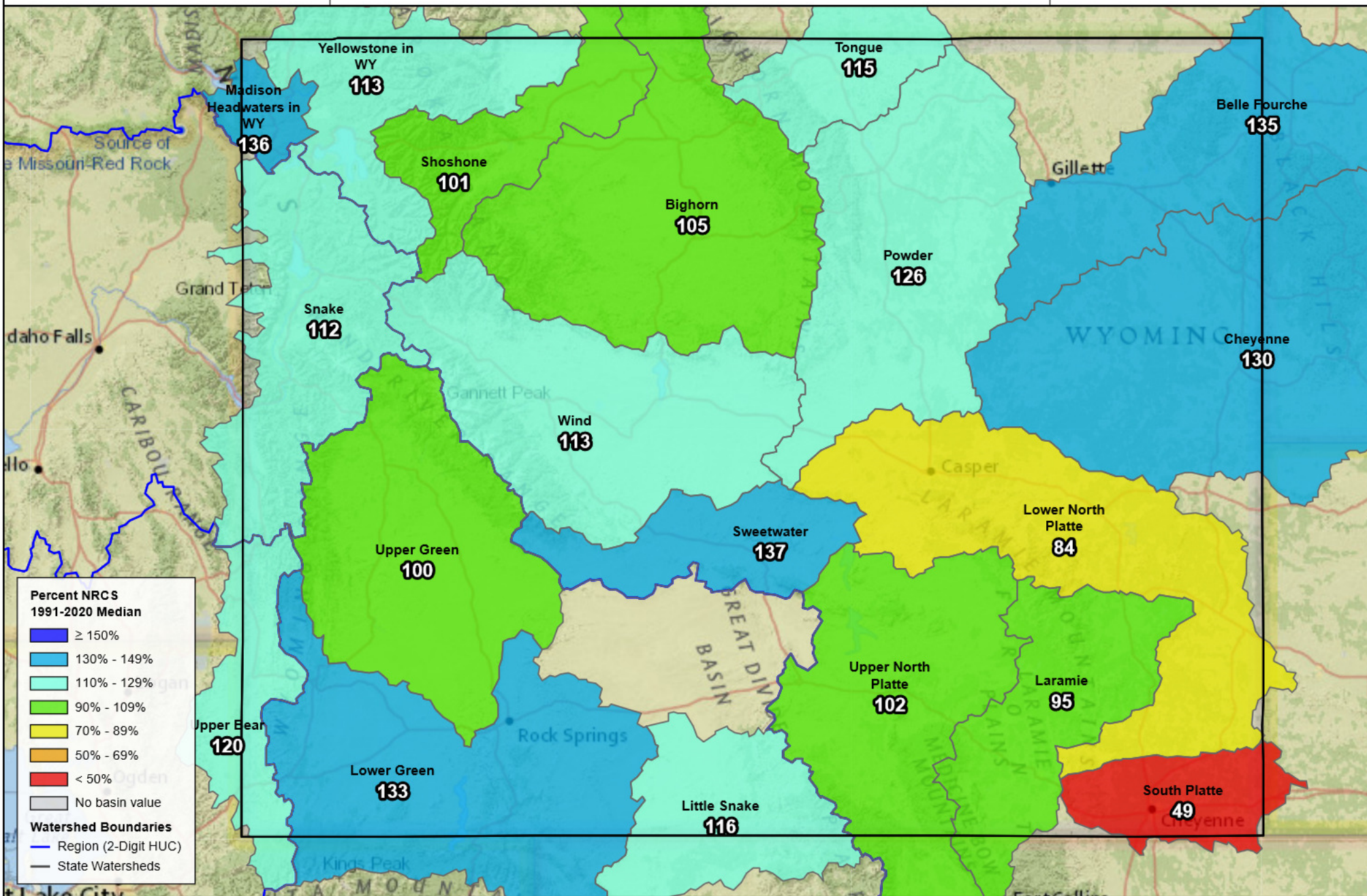
red = down blue = up green = same * Basin SWE values, close to dates of first measurable snowfall and melt-out, can be irregular or erratic

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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

