

# Wyoming – NRCS

## Report #21      Weekly Snowpack/SWE Report

May 3, 2022

Good day to all. This is the 21st snowpack/SWE report for water year 2022 (2021-2022 snow season). Currently, Wyoming's snowpack/SWE is **100%** of median with a basin high of **126%** (Tongue) and a basin low of **70%** (Lower Green). Last year (2021), the state SWE was at **86%** of median, and at **88%** in 2020. This report and a map displaying basin SWE percentages of median for the state is also found at: <http://www.wrds.uwyo.edu/wrds/nrcs/nrcs.html>.

The following table shows the percent of median for today, the 2 previous weeks, one year ago, and two years ago for Wyoming basins. The statewide SNOTEL percent of median/average is a percent of median/average using all SNOTEL sites in Wyoming with calculated medians/averages. Calculated medians/averages do not include manually measured snow courses. The weighted state average is figured using the area of basins (square miles). The reference period for computing medians/averages is the 30-year period 1991 through 2020. The map may differ slightly from the table depending upon how many stations were reporting at the time.

For information about the 1991-2020 Median/Averages—including calculation methods, differences between previous medians/averages, and the use of median vs. average—please refer to: <https://www.nrcs.usda.gov/wps/portal/wcc/home/snowClimateMonitoring/30YearNormals/>

### SNOW WATER EQUIVALENTS AS PERCENT OF MEDIAN

Basin	5/3/2022	4/26/2022	4/19/2022	5/3/2021	5/3/2020
Snake	94	89	85	67	104
Madison	84	79	73	68	84
Yellowstone	97	91	84	78	103
Wind	107	101	92	97	89
Bighorn	113	102	92	113	94
Shoshone	95	89	82	73	91
Powder	121	105	96	131	87
Tongue	126	111	99	127	97
Belle Fourche	*	140	86	*	*
Cheyenne	*	93	68	*	*
Upper North Platte	94	95	93	79	99
Sweetwater	87	88	82	75	63
Lower North Platte	105	106	97	115	102
Laramie	94	101	104	96	101
South Platte	*	12	95	*	*
Little Snake	90	95	95	69	94
Upper Green	95	92	85	66	94
Lower Green	70	83	85	72	88
Upper Bear	84	94	92	59	86
Statewide SNOTEL Percent of <b>Median</b>	100	99	89	86	88
Statewide SNOTEL Percent of <b>Average</b>	92	93	86	76	79
Weighted State <u>Average</u> (Area)	86	96	89	80	80
Max	126	140	95	131	104
Min	70	12	51	59	63

red = decrease   blue = increase   green = same   \* = not representative and/or melted out

For more info contact:

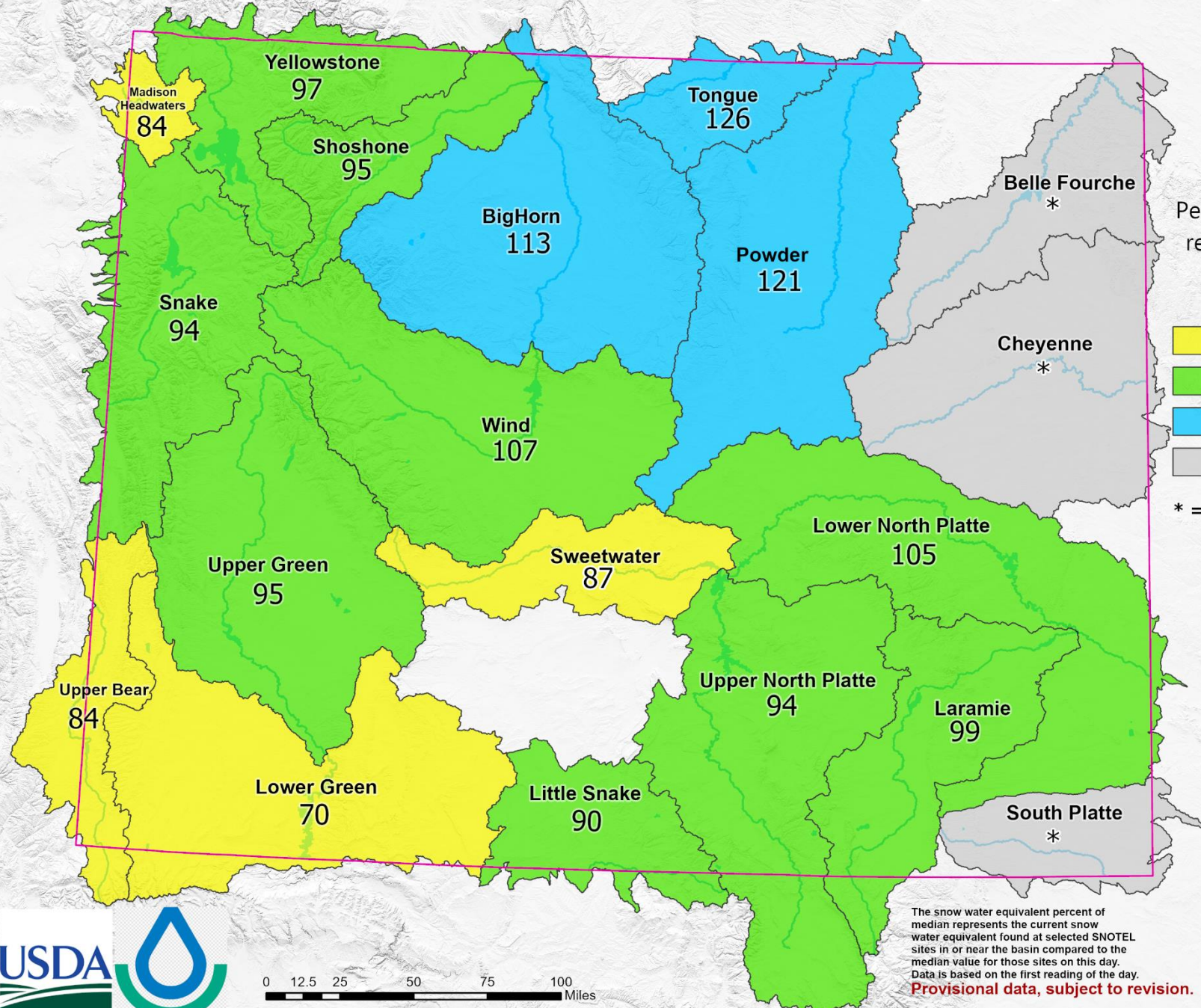
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# Wyoming Basin Snow Water Equivalents (SWEs) % of Median

5/3/2022



Percent of median reference period: 1991-2020

- 70 - 89%
- 90 - 109%
- 110 - 129%
- \*

\* = Not Representative of Basin Conditions



The snow water equivalent percent of median represents the current snow water equivalent found at selected SNOTEL sites in or near the basin compared to the median value for those sites on this day. Data is based on the first reading of the day.  
**Provisional data, subject to revision.**

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