

# Wyoming – NRCS

Report #20

Weekly Snowpack/SWE Report

April 26, 2022

Good day to all. This is the 20th snowpack/SWE report for water year 2022 (2021-2022 snow season). Currently, Wyoming's snowpack/SWE is **99%** of median with a basin high of **140%** (Belle Fourche) and a basin low of **12%** (South Platte). Last year (2021), the state SWE was at **98%** of median, and at **121%** 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	4/26/2022	4/19/2022	4/12/2022	4/26/2021	4/26/2020
Snake	89	85	76	76	116
Madison	79	73	67	77	91
Yellowstone	91	84	81	87	111
Wind	101	92	86	97	106
Bighorn	102	92	83	110	112
Shoshone	89	82	77	81	107
Powder	105	96	86	132	115
Tongue	111	99	91	121	114
Belle Fourche	140	86	61	119	*
Cheyenne	93	68	51	88	117
Upper North Platte	95	93	84	88	113
Sweetwater	88	82	73	86	84
Lower North Platte	106	97	92	127	130
Laramie	101	104	95	109	127
South Platte	12	95	76	*	*
Little Snake	95	95	81	86	124
Upper Green	92	85	75	74	111
Lower Green	83	85	76	87	123
Upper Bear	94	76	76	74	115
Statewide SNOTEL Percent of <b>Median</b>	99	89	78	98	121
Statewide SNOTEL Percent of <b>Average</b>	93	86	77	93	116
Weighted State <u>Average</u> (Area)	96	89	79	97	108
Max	140	104	95	132	130
Min	12	68	51	74	84

red = decrease      blue = increase      green = same      \* = data is suspect

For more info contact:

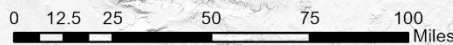
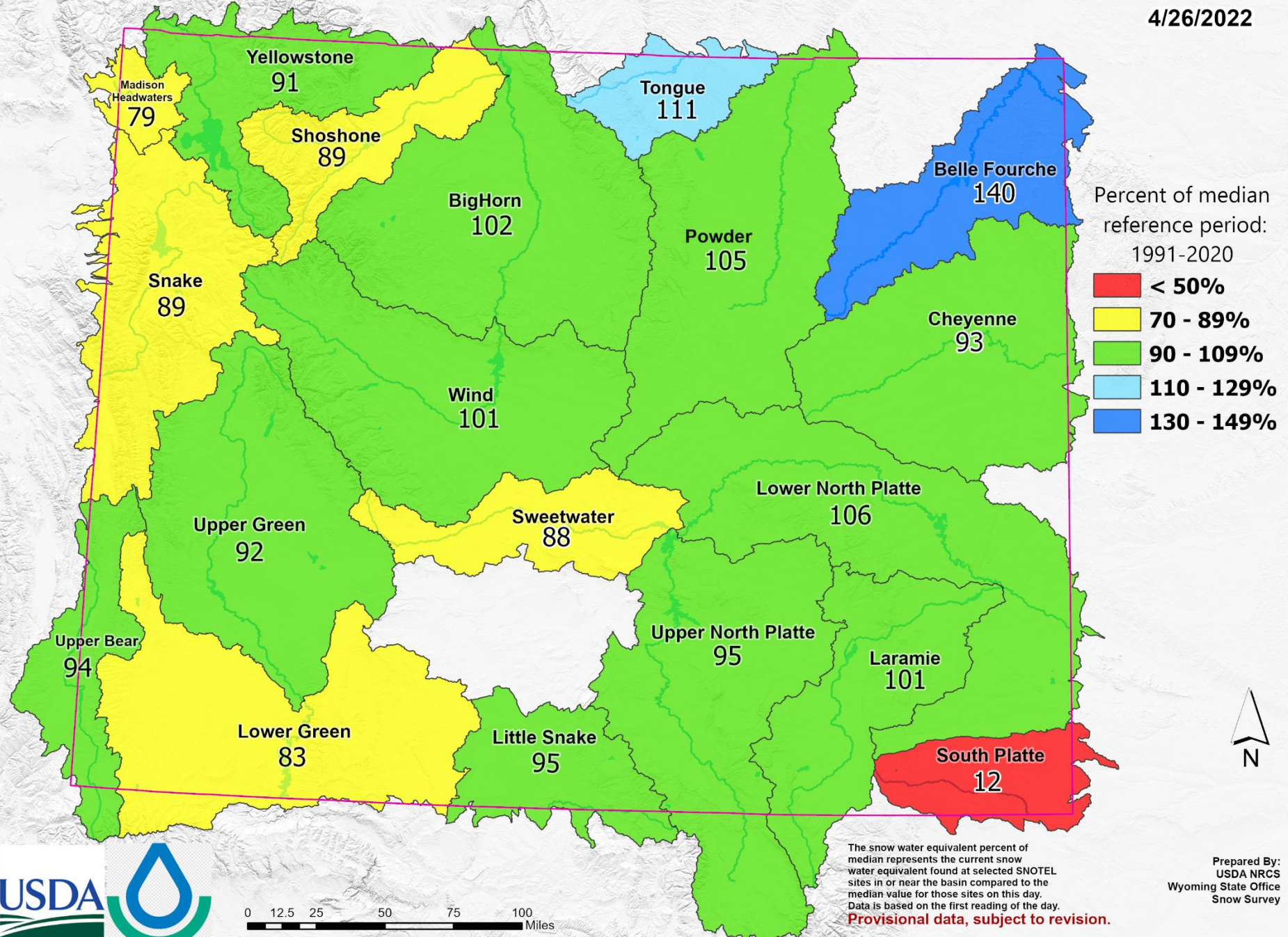
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# Wyoming Basin Snow Water Equivalents (SWEs) % of Median

4/26/2022



USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2021.

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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