

# Wyoming – NRCS

Report #19

Weekly Snowpack/SWE Report

April 19, 2022

Good day to all. This is the 19th snowpack/SWE report for water year 2022 (2021-2022 snow season). Currently, Wyoming's snowpack/SWE is **89%** of median with a basin high of **104%** (Laramie) and a basin low of **68%** (Cheyenne). Last year (2021), the state SWE was at **91%** of median, and at **122%** 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	4/19/2022	4/12/2022	4/5/2022	4/19/2021	4/19/2020
Snake	85	76	71	77	115
Madison	73	67	70	80	99
Yellowstone	84	81	80	88	110
Wind	92	86	85	88	109
Bighorn	92	83	78	99	117
Shoshone	82	77	76	80	111
Powder	96	86	76	120	123
Tongue	99	91	84	113	118
Belle Fourche	86	61	39	89	188
Cheyenne	68	51	34	76	141
Upper North Platte	93	84	85	87	112
Sweetwater	82	73	72	76	130
Lower North Platte	97	92	88	119	130
Laramie	104	95	90	104	126
South Platte	95	76	68	116	200
Little Snake	95	81	80	88	124
Upper Green	85	75	71	73	109
Lower Green	85	76	76	89	128
Upper Bear	92	76	73	75	119
Statewide SNOTEL Percent of <b>Median</b>	89	78	74	91	122
Statewide SNOTEL Percent of <b>Average</b>	86	76	72	88	119
Weighted State <u>Average</u> (Area)	89	79	74	94	125
Max	104	95	90	120	200
Min	68	51	34	73	99

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

For more info contact:

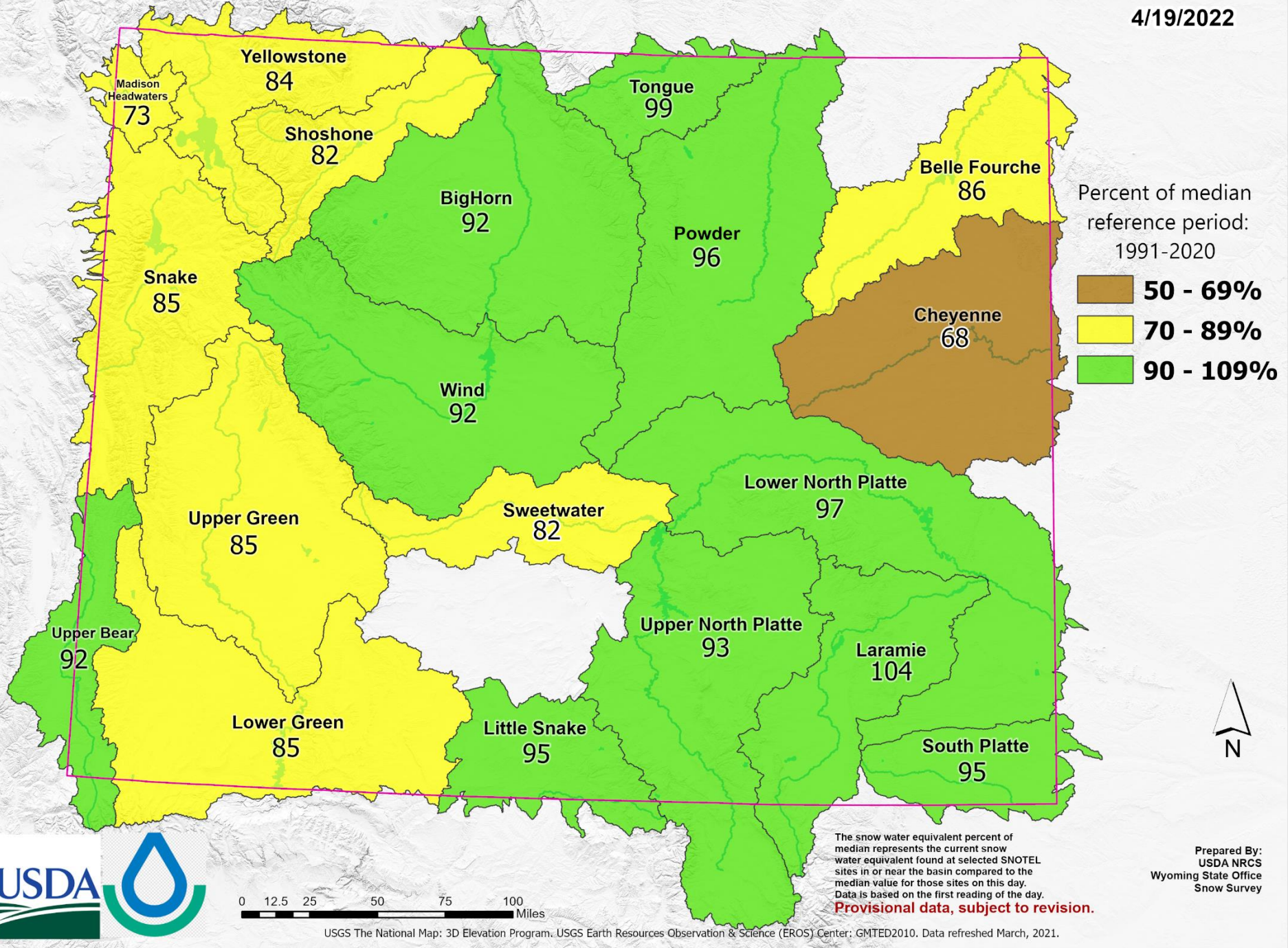
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# Wyoming Basin Snow Water Equivalents (SWEs) % of Median

4/19/2022



0 12.5 25 50 75 100 Miles

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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