

Wyoming – NRCS

Report #17

Weekly Snowpack/SWE Report

April 5, 2022

Good day to all. This is the 17th snowpack/SWE report for water year 2022 (2021-2022 snow season). Currently, Wyoming's snowpack/SWE is **74%** of median with a basin high of **90%** (Laramie) and a basin low of **34%** (Cheyenne). Last year (2021), the state SWE was at **88%** of median, and at **112%** 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	4/5/2022	3/29/2022	3/22/2022	4/5/2021	4/5/2020
Snake	71	73	79	84	111
Madison	70	68	75	83	99
Yellowstone	80	79	83	94	113
Wind	85	85	92	83	105
Bighorn	78	80	89	91	112
Shoshone	76	75	82	88	111
Powder	76	78	87	110	115
Tongue	84	84	93	104	113
Belle Fourche	39	37	64	47	133
Cheyenne	34	34	60	46	115
Upper North Platte	85	86	93	91	111
Sweetwater	72	69	78	76	87
Lower North Platte	88	80	88	109	127
Laramie	90	92	99	104	117
South Platte	68	79	80	74	121
Little Snake	80	82	91	90	116
Upper Green	71	73	78	79	102
Lower Green	76	75	87	89	120
Upper Bear	73	73	86	73	112
Statewide SNOTEL Percent of Median	74	75	84	88	112
Statewide SNOTEL Percent of Average	72	73	81	86	111
Weighted State <u>Average</u> (Area)	74	84	84	87	114
Max	90	92	99	110	133
Min	34	34	60	46	87

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

For more info contact:

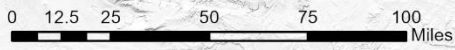
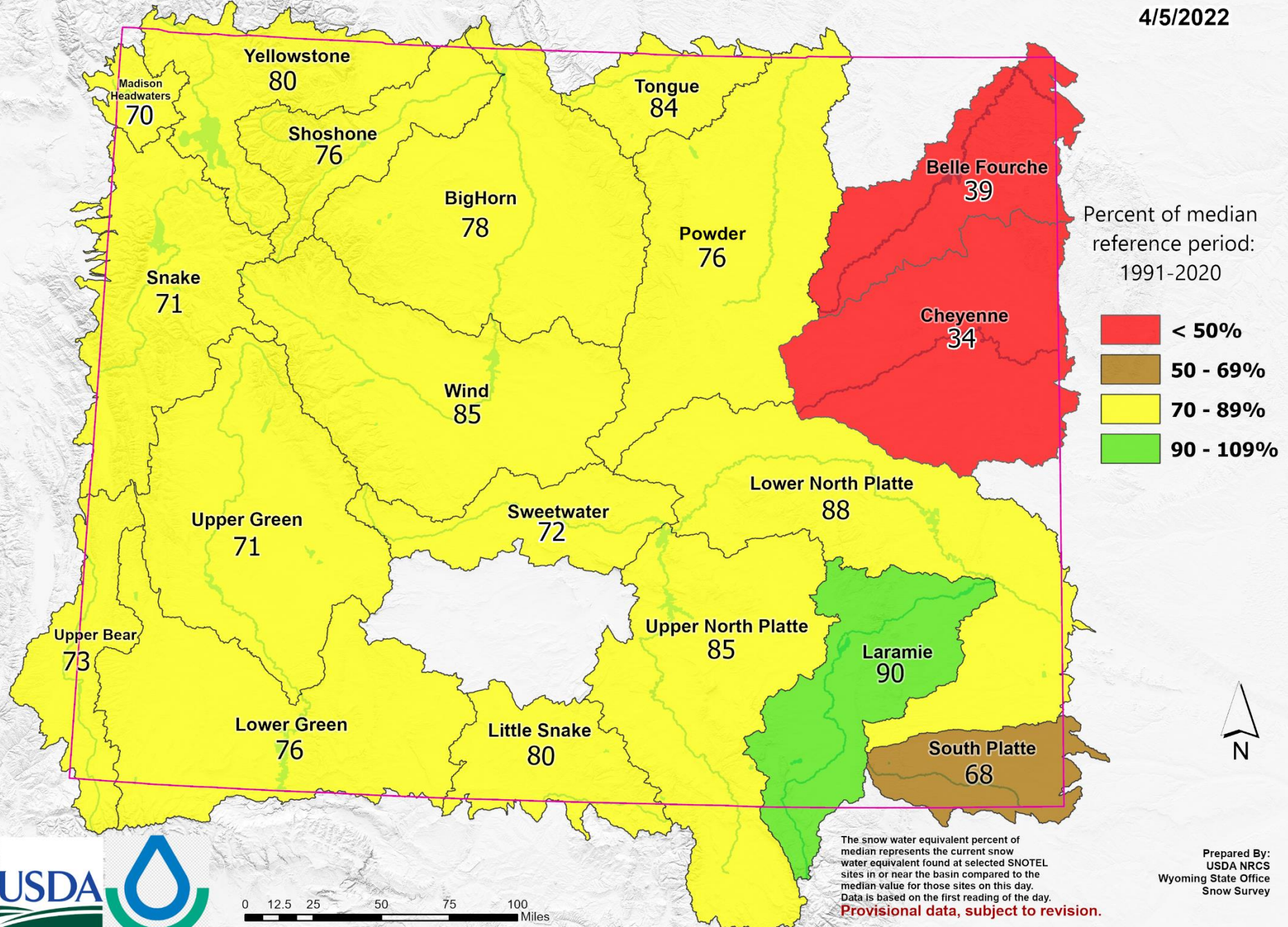
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Wyoming Basin Snow Water Equivalents (SWEs) % of Median

4/5/2022



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.

Prepared By:
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