

Wyoming – NRCS Weekly Snow Report

Report #4

Dec 30, 2019

Good day to all. This is the 4th Snow Report for Water Year 2020 (2019-2020 snow season). Currently the state's SNOTELs are reading 100% of median with a basin high of 156% and a basin low of 74%. Last year the state was at 89%, and at 115% in 2017. 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 1981 through 2010.

Basin	12/30/2019	12/23/2019	12/16/2019	12/30/2018	12/30/2017
Snake	82	92	101	84	121
Madison	74	76	88	65	109
Yellowstone	95	104	113	90	155
Wind	97	108	109	79	145
Bighorn	128	136	146	98	128
Shoshone	92	103	111	99	152
Powder	129	140	155	98	116
Tongue	107	117	124	85	85
Belle Fourche	113	168	200	119	116
Cheyenne	111	133	151	84	110
Upper North Platte	110	114	127	107	71
Sweetwater	75	72	90	73	95
Lower North Platte	156	161	175	116	75
Laramie	125	134	144	107	85
South Platte	115	121	133	83	77
Little Snake	129	132	152	108	59
Upper Green	81	94	102	85	109
Lower Green	117	125	139	83	76
Upper Bear	102	109	122	81	74
Statewide SNOTEL Percent of Median	100	111	121	89	115
Weighted State Average (Area)	113	124	136	94	105
Max	156	168	200	119	155
Min	74	72	88	65	59

red = down blue = up green = same * data is suspect

For more info contact:

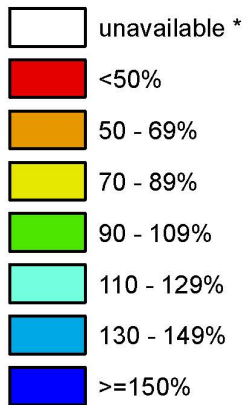
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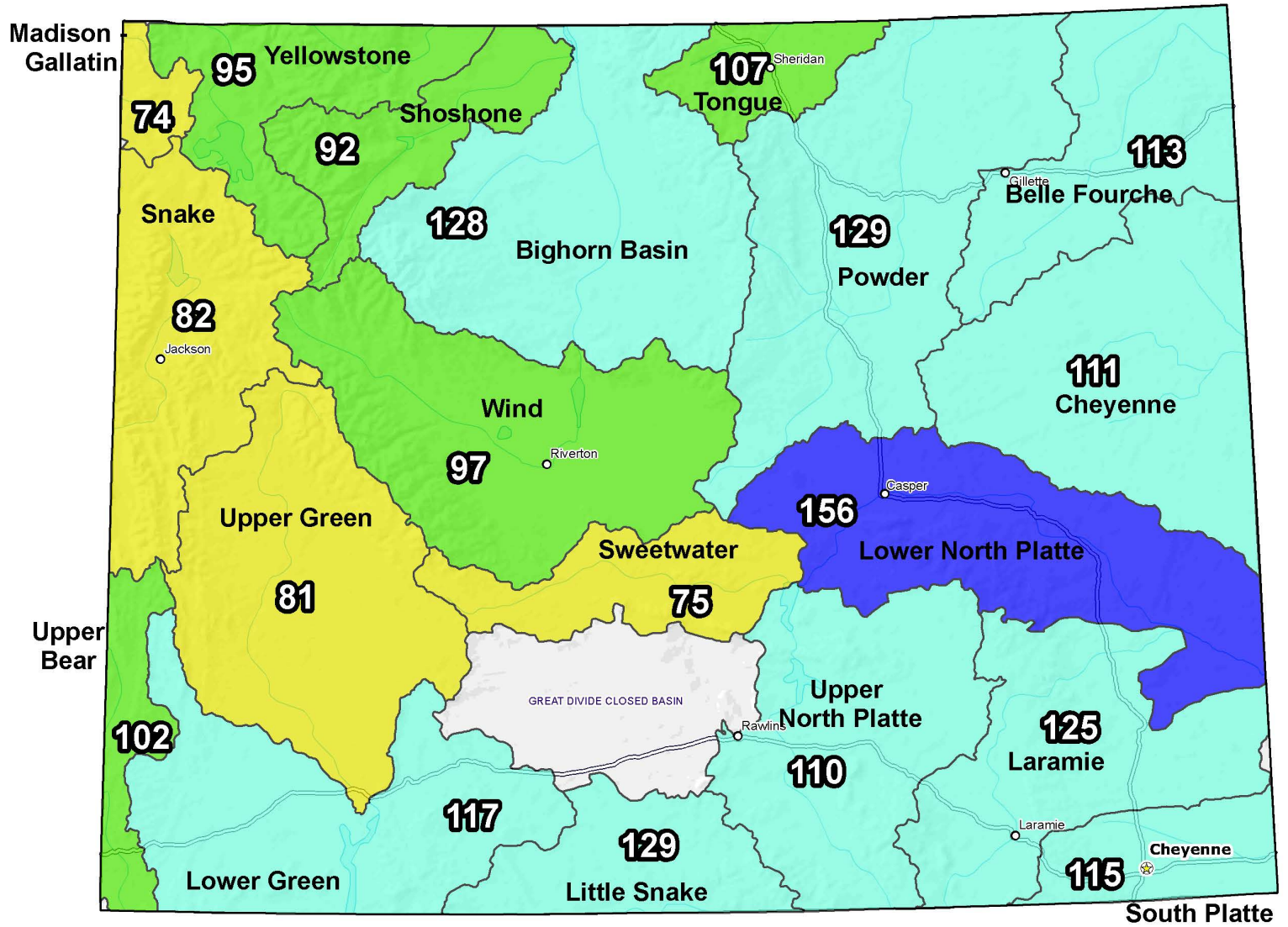
Wyoming SNOTEL Current Snow Water Equivalent (SWE) % of Normal

Dec 30, 2019

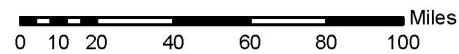
Current Snow Water Equivalent (SWE) Basin-wide Percent of 1981-2010 Median



*Provisional Data
Subject to Revision*



The snow water equivalent percent of normal represents the current snow water equivalent found at selected SNOTEL sites in or near the basin compared to the average value for those sites on this day. Data based on the first reading of the day (typically 00:00).



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