

Wyoming – NRCS Weekly Snow Report

Report #5

Jan 6, 2020

Good day to all. This is the 5th Snow Report for Water Year 2020 (2019-2020 snow season). Currently the state's SNOTELs are reading 105% of median with a basin high of 151% and a basin low of 77%. Last year the state was at 88%, and at 105% in 2018. 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	1/6/2020	12/30/2019	12/23/2019	1/6/2019	1/6/2018
Snake	90	82	92	84	121
Madison	79	74	76	65	109
Yellowstone	98	95	104	90	155
Wind	98	97	108	79	145
Bighorn	129	128	136	98	128
Shoshone	97	92	103	99	152
Powder	124	129	140	98	116
Tongue	106	107	117	85	85
Belle Fourche	113	113	168	119	116
Cheyenne	109	111	133	84	110
Upper North Platte	116	110	114	107	71
Sweetwater	77	75	72	73	95
Lower North Platte	151	156	161	116	75
Laramie	128	125	134	107	85
South Platte	116	115	121	83	77
Little Snake	137	129	132	108	59
Upper Green	93	81	94	85	109
Lower Green	124	117	125	83	76
Upper Bear	107	102	109	81	74
Statewide SNOTEL Percent of Median	105	100	111	88	105
Weighted State Average (Area)	115	113	124	94	105
Max	151	156	168	119	155
Min	77	74	72	65	59

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

For more info contact:

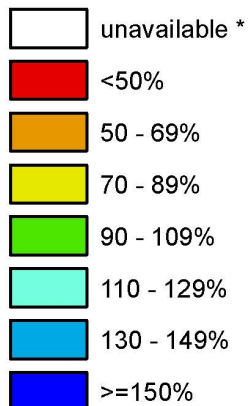
Jeff Goats
jeff.goats@usda.gov
(307) 233-6768

NRCS Snow Survey
100 East B St., Room 3001
Casper, WY 82601

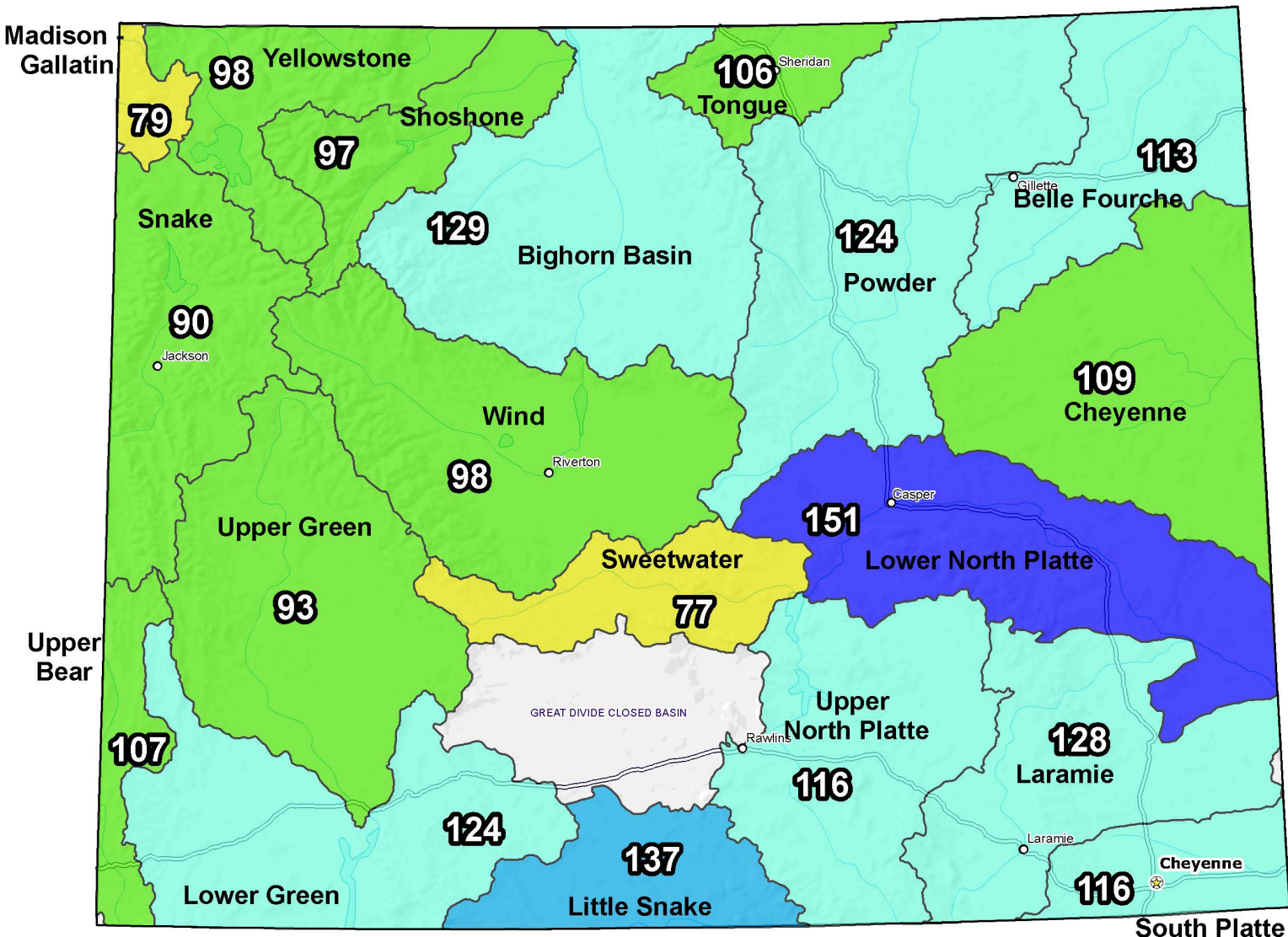
Wyoming SNOTEL Current Snow Water Equivalent (SWE) % of Normal

Jan 06, 2020

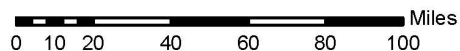
Current Snow Water Equivalent (SWE) Basin-wide Percent of 1981-2010 Median



*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).



Prepared by:
USDA/NRCS National Water and Climate Center
Portland, Oregon
<http://www.wcc.nrcs.usda.gov>