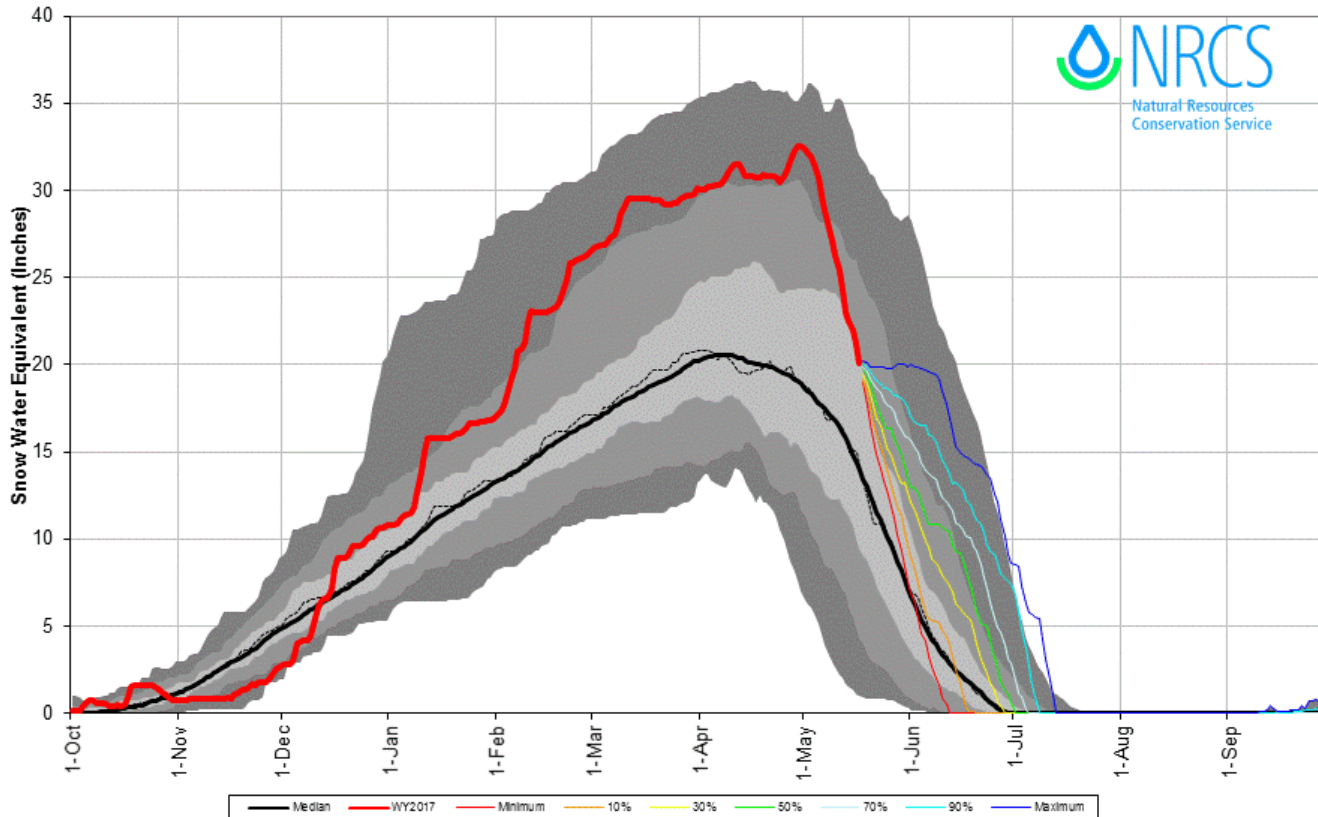


Snake River Basin (May 18th, 2017)

Snake River Basin with Non-Exceedence Projections

Based on Provisional SNOTEL Data as of May 17, 2017



May 1st SNOTEL SWE varies from 129 to 265% of median

May 1st Median SWE

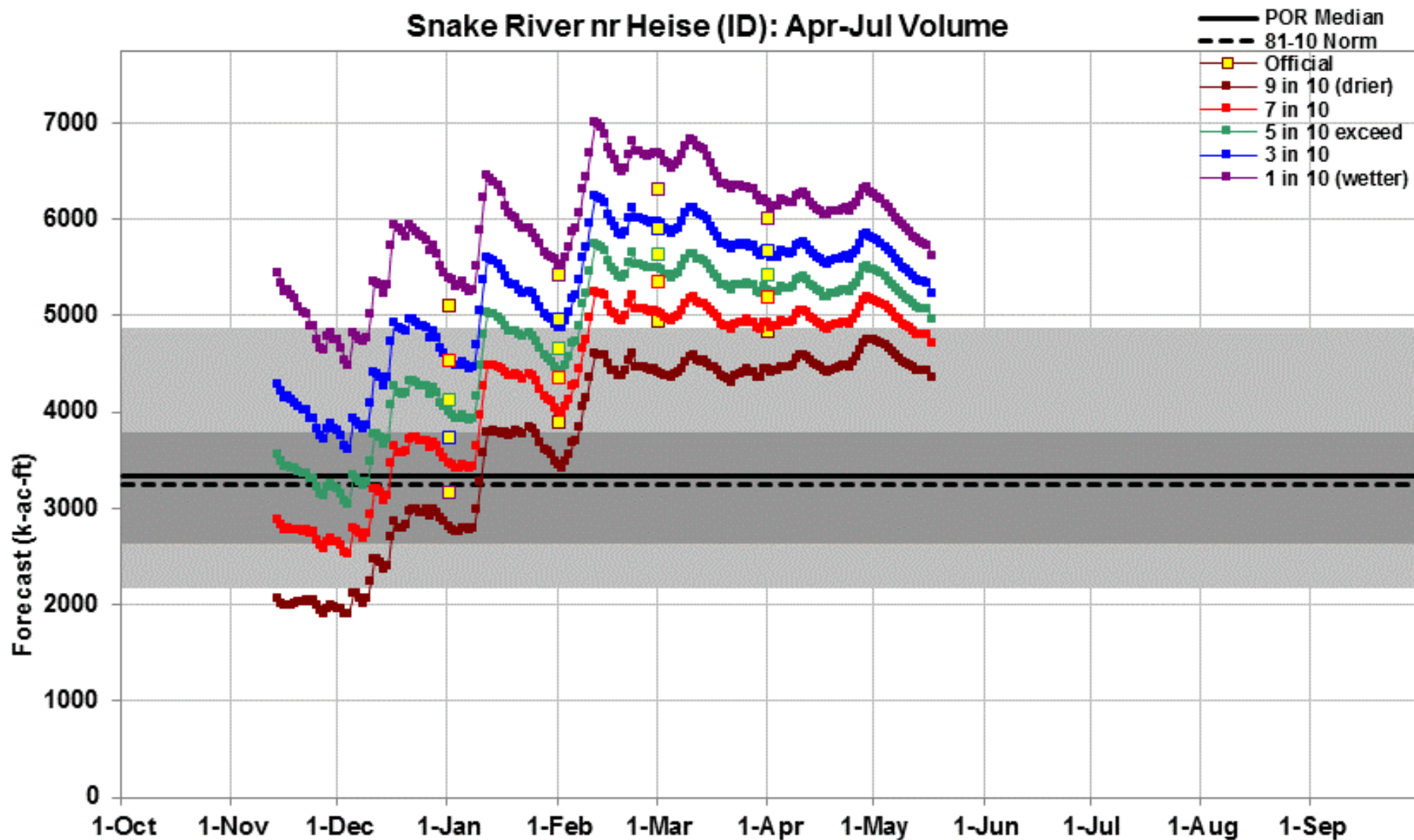
- @ 78% last year
- @ 162% this year
- Avg Peak - Apr 12th 12''
- 2017 Peak - May 1st

May 1st WY Precipitation

- @ 95% last year
- @ 168% this year

Forecast Point	PER	KAF	Avg	PER	KAF	Avg
Snake R nr Moran	MAY-JUL	1040	149%	MAY-SEP	1160	160%
Snake R ab res nr Alpine	MAY-JUL	3530	180%	MAY-SEP	4080	179%
Snake R nr Irwin	MAY-JUL	4620	174%	MAY-SEP	5390	171%
Snake River nr Heise	MAY-JUL	4920	173%	MAY-SEP	5770	170%
Pacific Ck at Moran	MAY-JUL	270	178%	MAY-SEP	280	174%
Buffalo Fk ab Lava Ck nr Moran	MAY-JUL	430	162%	MAY-SEP	495	162%
Greys R ab Res nr Alpine	MAY-JUL	480	181%	MAY-SEP	565	179%
Salt R ab Res nr Etna	MAY-JUL	470	192%	MAY-SEP	575	185%

Snake River nr Heise (ID): Apr-Jul Volume



Created 8:04 May 17 2017



This is an automated product based solely on SNOTEL data, provisional data are subject to change. This product is a statistically based guidance forecast combining indices of snowpack and precipitation. **Yellow squares** are the official outlooks. **Gray background** is the historical period of record variability. This product does not consider climate information such as El Nino or short range weather forecasts, or a variety of other factors considered in the official forecasts. This product is not meant to replace or supercede the official forecasts produced in coordination with the National Weather Service. Science Contact: Cara.s.McCarthy@por.usda.gov www.wcc.nrcs.usda.gov/wsf/daily_forecasts.html

Wyoming – NRCS

Report #28

Monday Morning Snow Report

May 15th, 2017

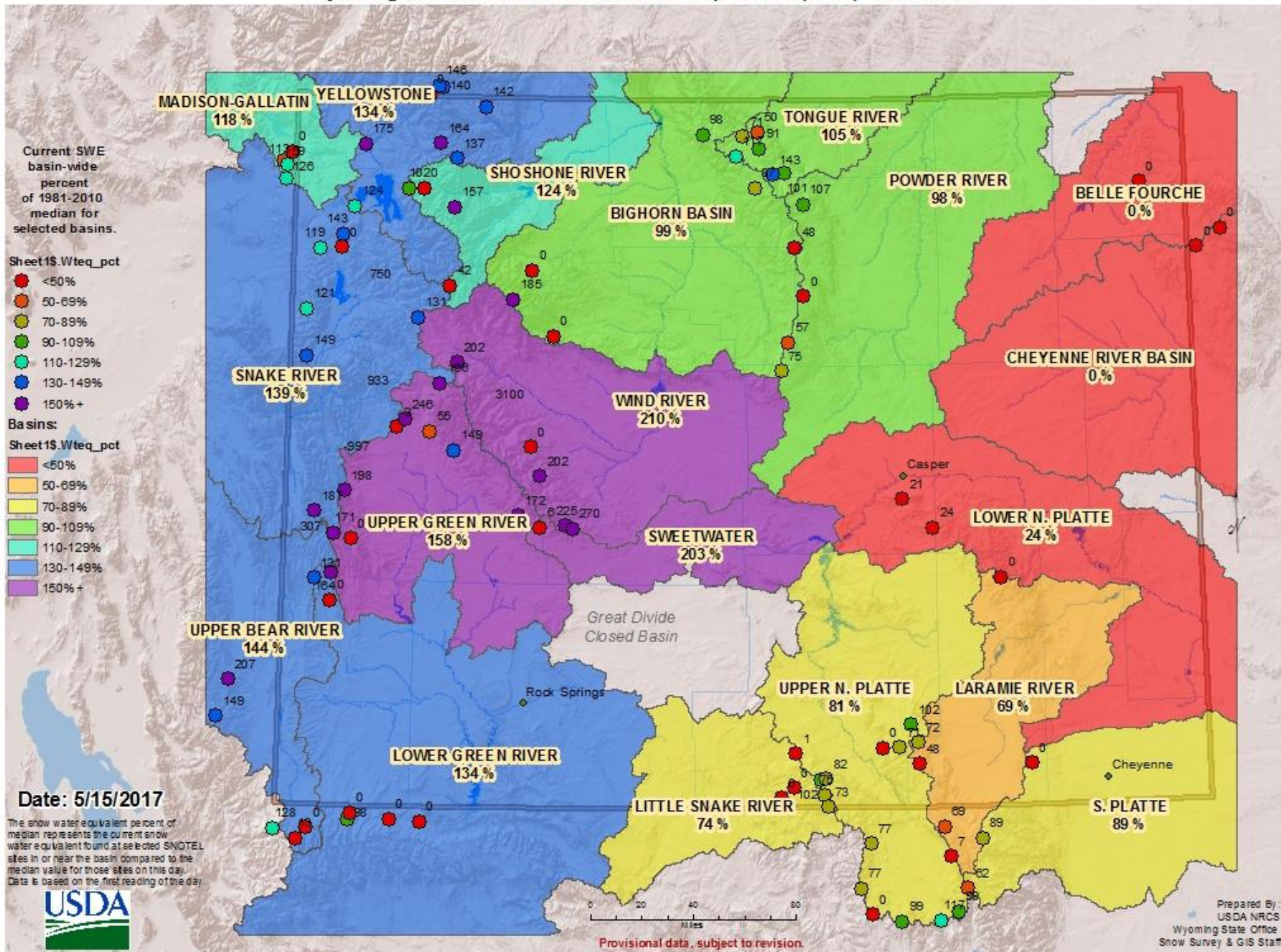
Good morning everyone this is the 28th Monday Snow Report for the 2016-2017 snow season. Last year at this time the state median was 107% with a low of 0% and a high of 205%. This year the state median is 115% with a low of 0% and a high of 210% of median. See the table & map below for more information. The map may differ slightly from the table depending upon how many stations were reporting at the time or date shown. The Black Hills area has been zeroed out in the table as to not skew the data.

For those of you with INTERNET capability, this report and map showing SWE percentages for the state can be found at ["http://www.wrds.uwyo.edu/wrds/nrcs/nrcs.html"](http://www.wrds.uwyo.edu/wrds/nrcs/nrcs.html). Go to http://www.wcc.nrcs.usda.gov/normals/median_average.htm for median.

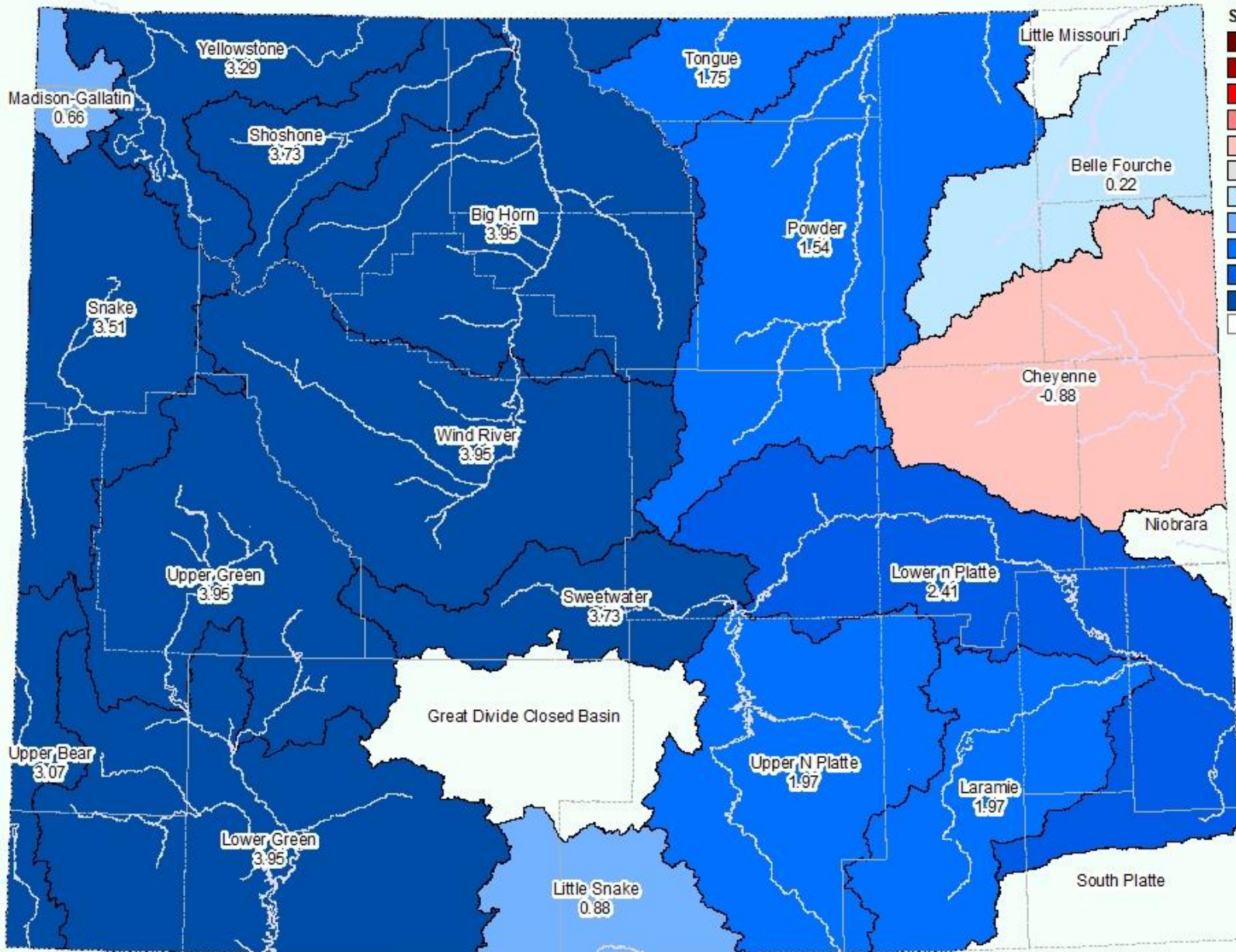
Figure 1 -- SNOW WATER EQUIVALENT AS PERCENT OF MEDIAN. The following table shows the current, 2 previous ending weeks and 2016, 2015, 2014 equivalent (SWE) amounts for Wyoming basins. Median is based on all reporting SNOTEL sites in the basin, not the snow courses. The reference period for average comparison is 1981-2010.

DRAINAGE BASIN	5/18/2017	5/15/2017	5/8/2017	5/15/2016	5/15/2015	5/15/2014
SNAKE RIVER	147	139	150	63	47	160
MADISON	129	118	128	46	22	146
YELLOWSTONE	144	134	148	59	61	163
WIND RIVER	232	210	227	136	60	144
BIGHORN BASIN	108	99	130	78	52	163
SHOSHONE RIVER	125	124	138	64	67	154
POWDER	110	98	138	74	47	179
TONGUE	122	105	123	79	64	170
BELLE FOURCHE	0	0	0	0	0	0
CHEYENNE	0	0	0	0	0	0
UPPER N. PLATTE	82	81	90	119	62	140
SWEETWATER	237	203	217	120	49	116
LOWER N. PLATTE	8	24	74	205	66	228
LARAMIE	63	69	89	141	75	163
S. PLATTE	81	89	111	123	94	162
LITTLE SNAKE RIVER	80	74	83	138	45	129
UPPER GREEN	197	158	194	72	55	183
LOWER GREEN	145	134	155	107	43	155
UPPER BEAR	178	144	164	62	6	133
Weighted State Average	125	115	124	107	55	165

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

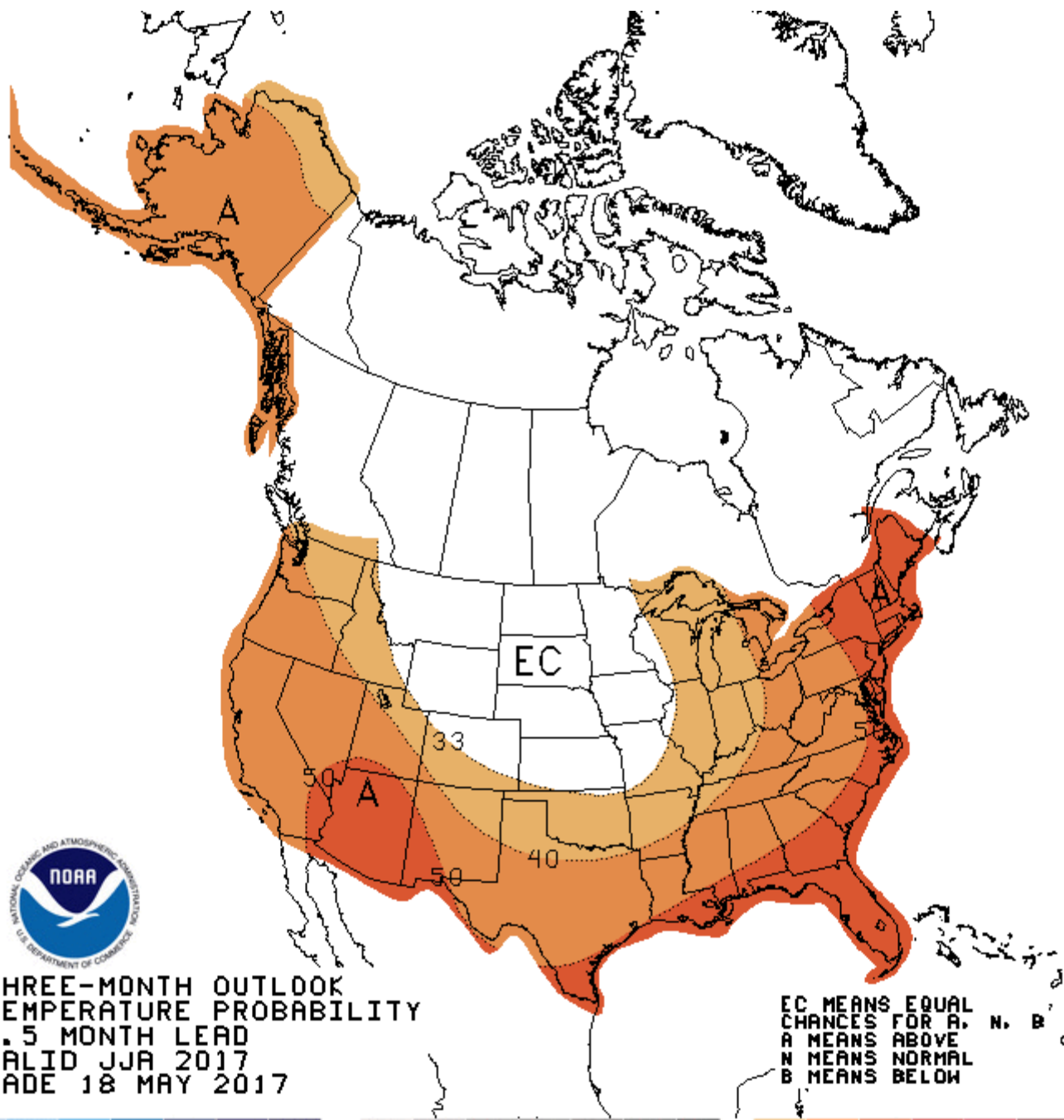


Wyoming SWSI



Date: 5/4/2017

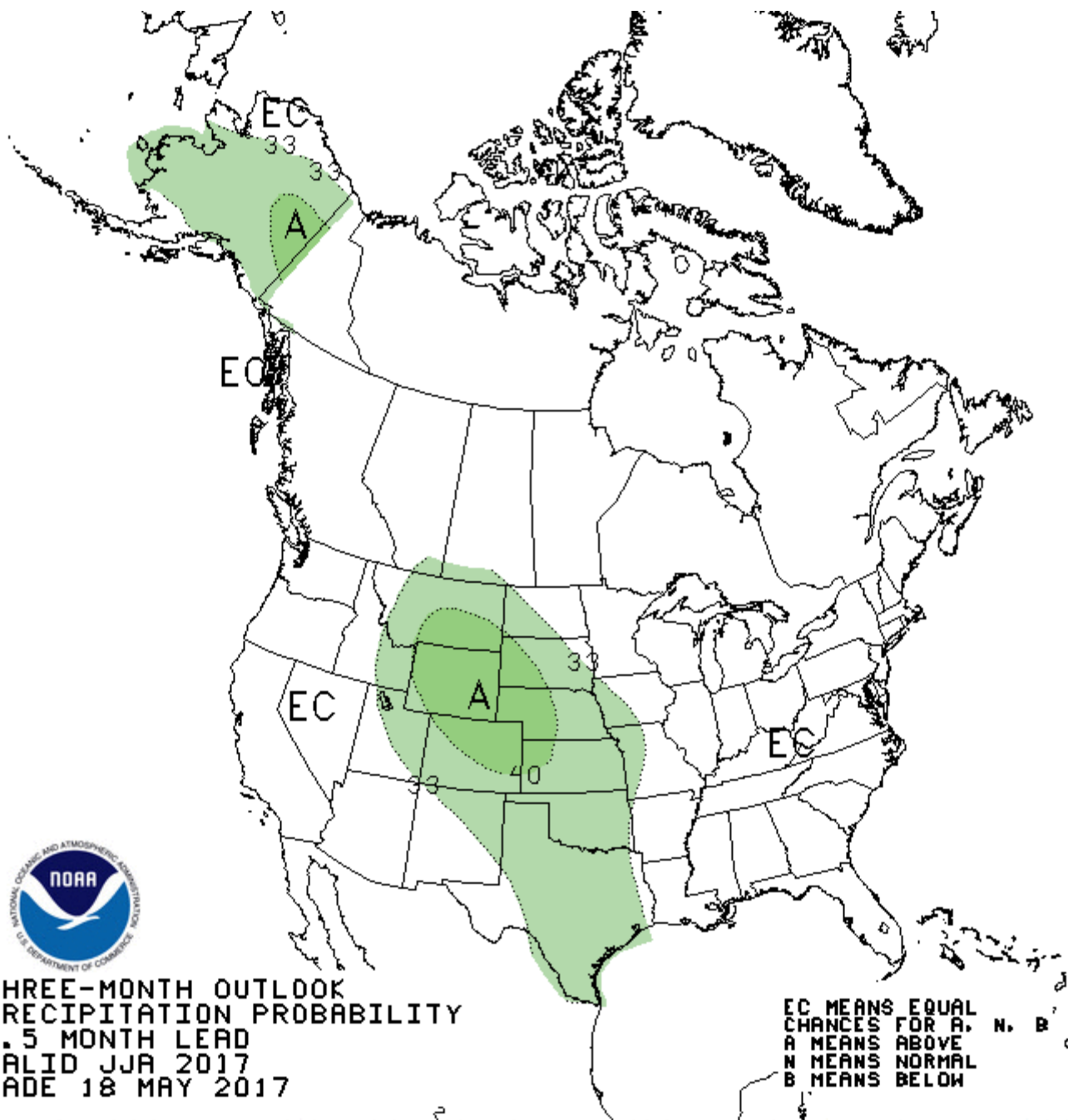




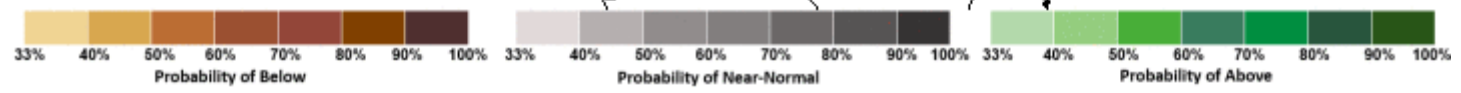
THREE-MONTH OUTLOOK
 TEMPERATURE PROBABILITY
 0.5 MONTH LEAD
 VALID JJA 2017
 MADE 18 MAY 2017

EC MEANS EQUAL
 CHANCES FOR A, N, B
 A MEANS ABOVE
 N MEANS NORMAL
 B MEANS BELOW



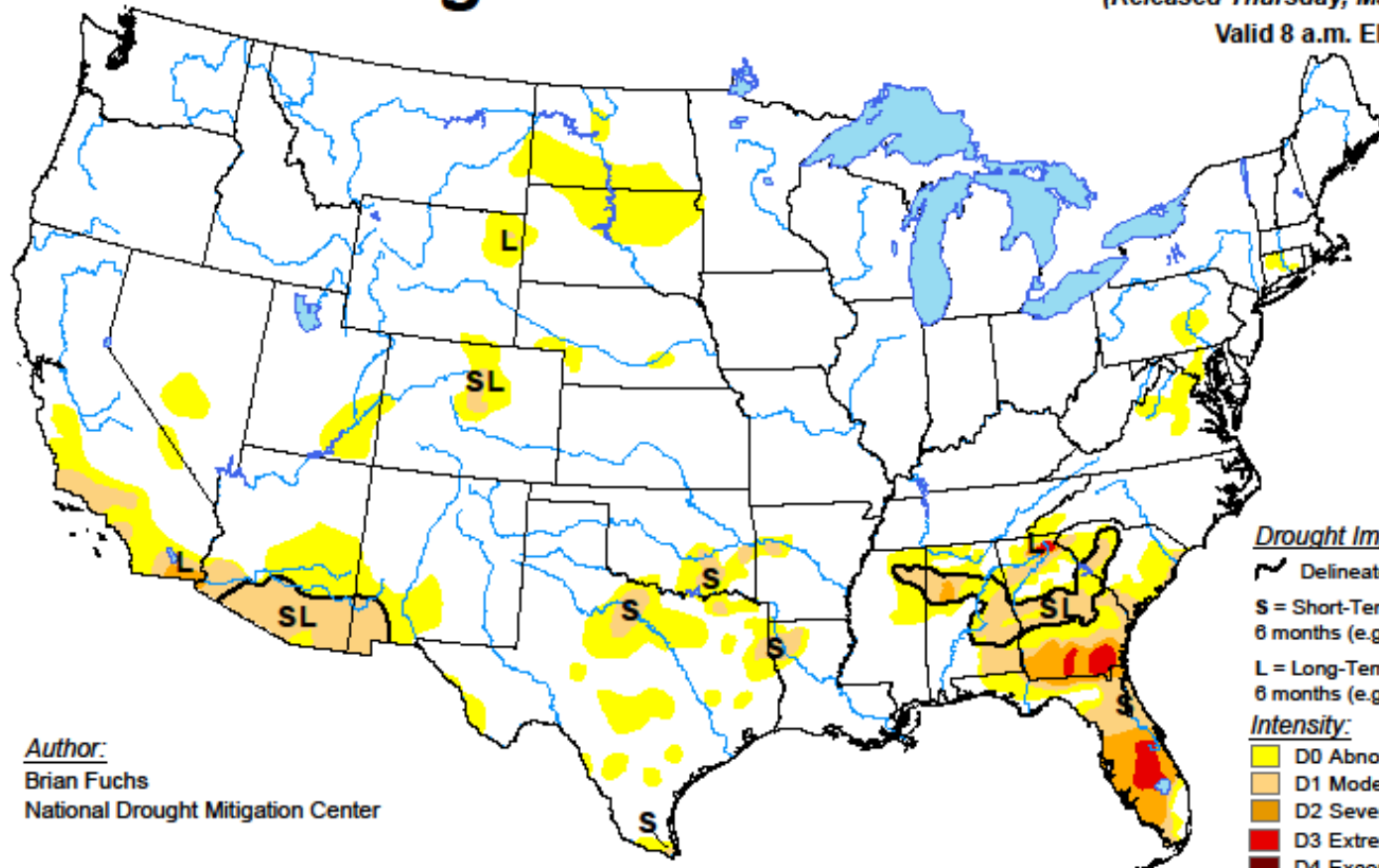


**THREE-MONTH OUTLOOK
 PRECIPITATION PROBABILITY
 0.5 MONTH LEAD
 VALID JJA 2017
 MADE 18 MAY 2017**



U.S. Drought Monitor

May 9, 2017
(Released Thursday, May. 11, 2017)
Valid 8 a.m. EDT



Drought Impact Types:

- Delineates dominant impacts
- S** = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
- L** = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)

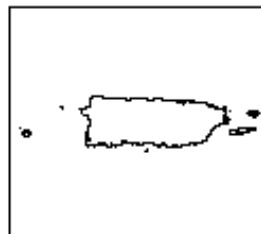
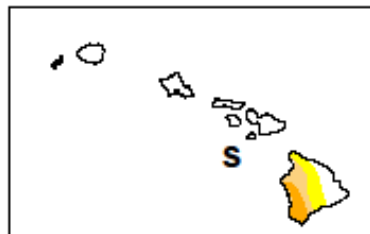
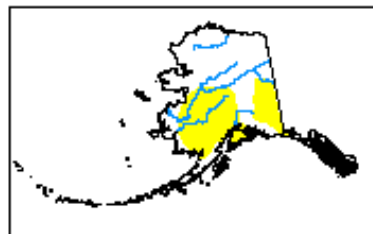
Intensity:

- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author:

Brian Fuchs
National Drought Mitigation Center



<http://droughtmonitor.unl.edu/>

U.S. Drought Monitor

Wyoming

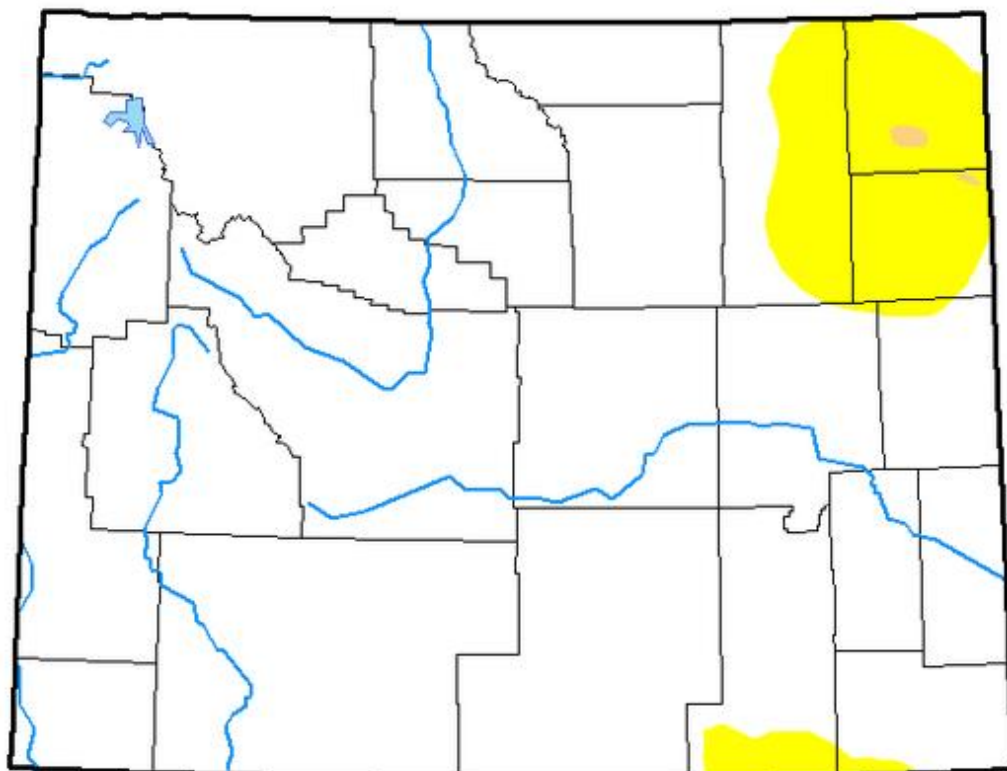
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Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	91.21	8.79	0.12	0.00	0.00	0.00
Last Week 05-02-2017	91.21	8.79	0.12	0.00	0.00	0.00
3 Months Ago 02-07-2017	85.14	14.86	9.34	0.00	0.00	0.00
Start of Calendar Year 01-03-2017	60.98	39.02	15.58	0.72	0.00	0.00
Start of Water Year 09-27-2016	41.39	58.61	24.40	9.97	0.00	0.00
One Year Ago 05-10-2016	81.36	18.64	5.86	1.73	0.00	0.00



Intensity:

- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

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Brian Fuchs
National Drought Mitigation Center



For more information, contact: Lee Hackleman P.E. WSS
(307) 233-6744
NRCS Snow Surveys 100 East B St., Room 3124 Casper, WY

lee.hackleman@wy.usda.gov