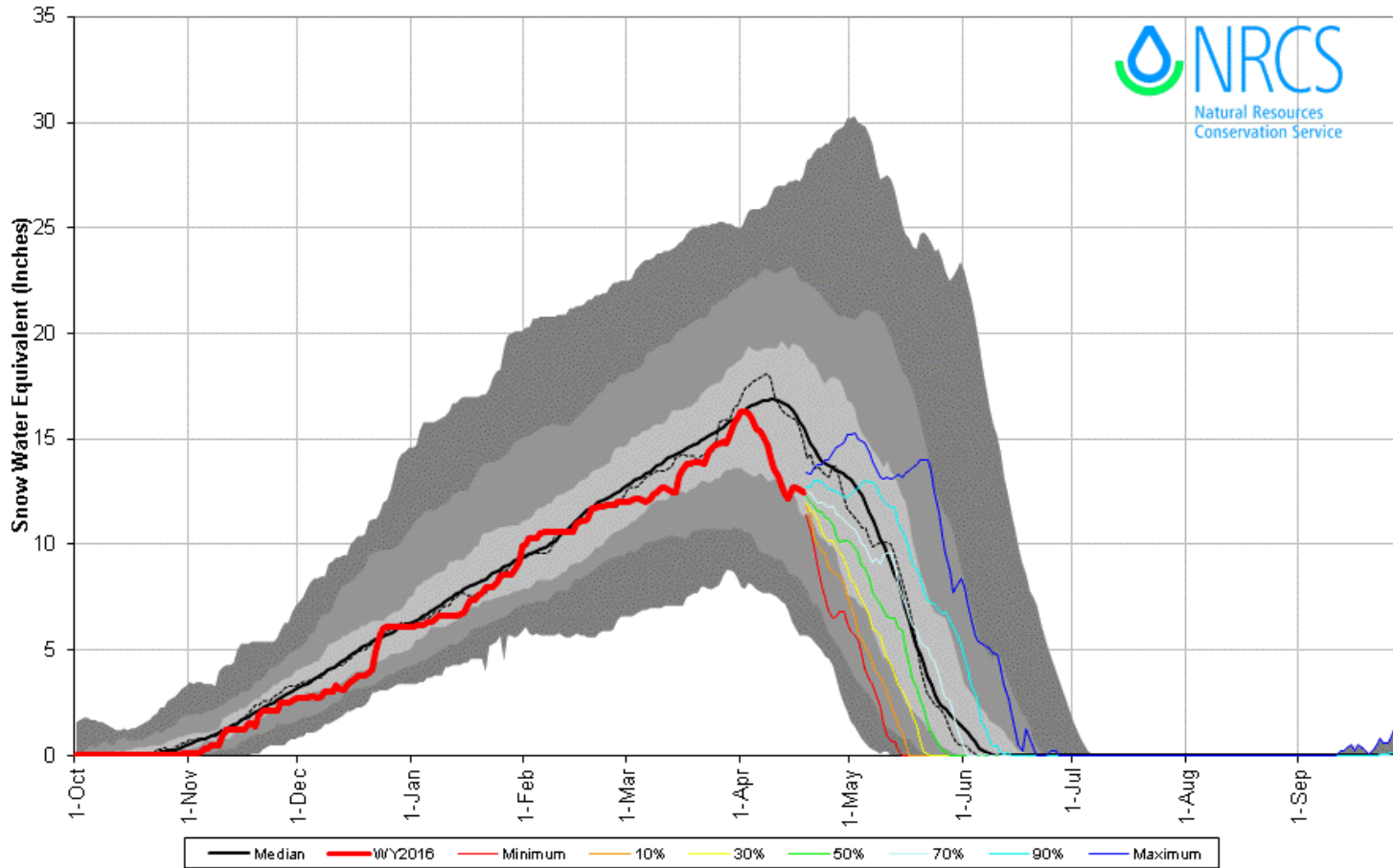


Upper Bear River Basin (April 20th, 2016)

Upper Bear River with Non-Exceedence Projections

Based on Provisional SNOTEL Data as of Apr 18, 2016



- April 1 SNOTEL SWE varied from 90 to 109% of median

- April 1 median SWE
 - @ 102% this year
 - @ 55% last year

- Avg Peak - April 11th
- 2016 Peak - April 4th

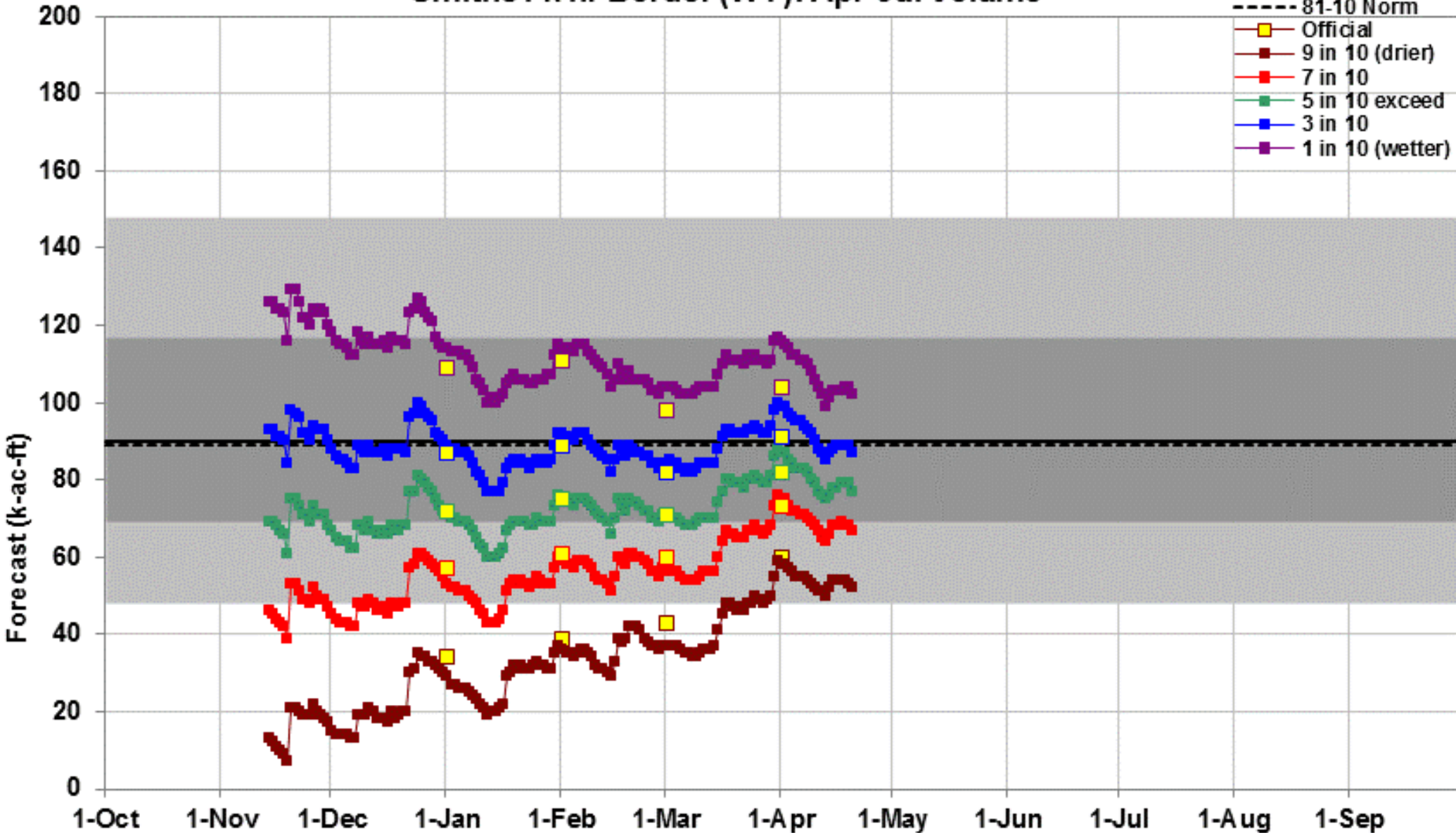
- Precipitation to date
 - @ 97% this year
 - @ 68% last year

Woodruff Narrows –
Storage 55,100 ac-ft
90% capacity 134% avg

Forecast Point	PER	KAF	Avg	PER	KAF	Avg
Bear R nr UT-WY Border	APR-JUL	91	81%	APR-SEP	101	82%
Bear R ab Res nr Woodruff	APR-JUL	92	76%	APR-SEP	95	74%
Smiths Fork nr Border	APR-JUL	82	92%	APR-SEP	95	91%

Smiths Fk nr Border (WY): Apr-Jul Volume

- POR Median
- - - 81-10 Norm
- Official
- 9 in 10 (drier)
- 7 in 10
- 5 in 10 exceed
- 3 in 10
- 1 in 10 (wetter)



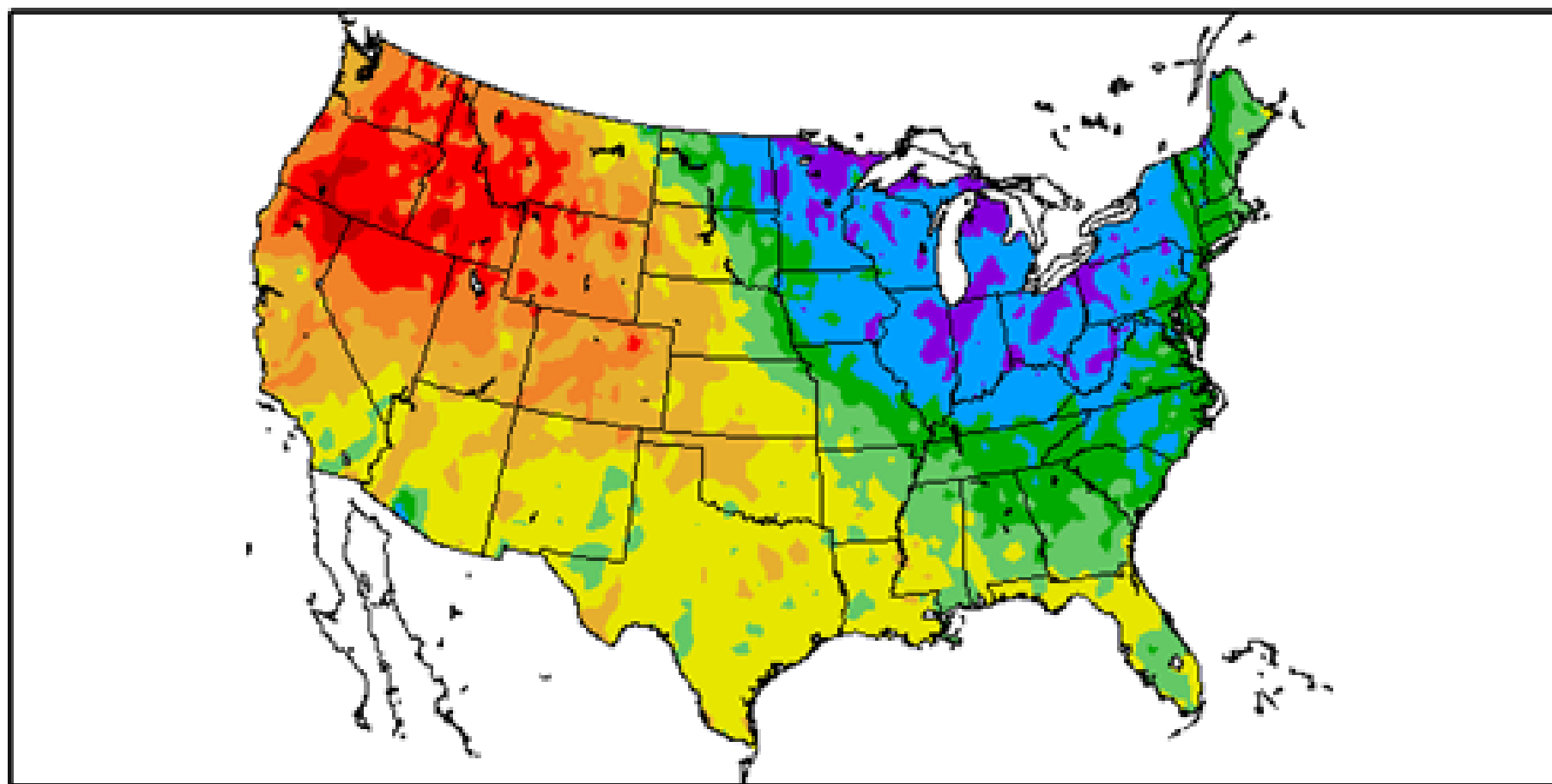
This is an automated product based solely on SNOTEL data, provisional data are subject to change. This product is a statistically based guidance forecast combining indices of snowpack and precipitation. **Yellow squares** are the official outlooks. **Gray background** is the historical period of record 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/wsfdaily_forecasts.html

Created 7:23 Apr 20 2016



Departure from Normal Temperature (F)

4/7/2016 - 4/13/2016

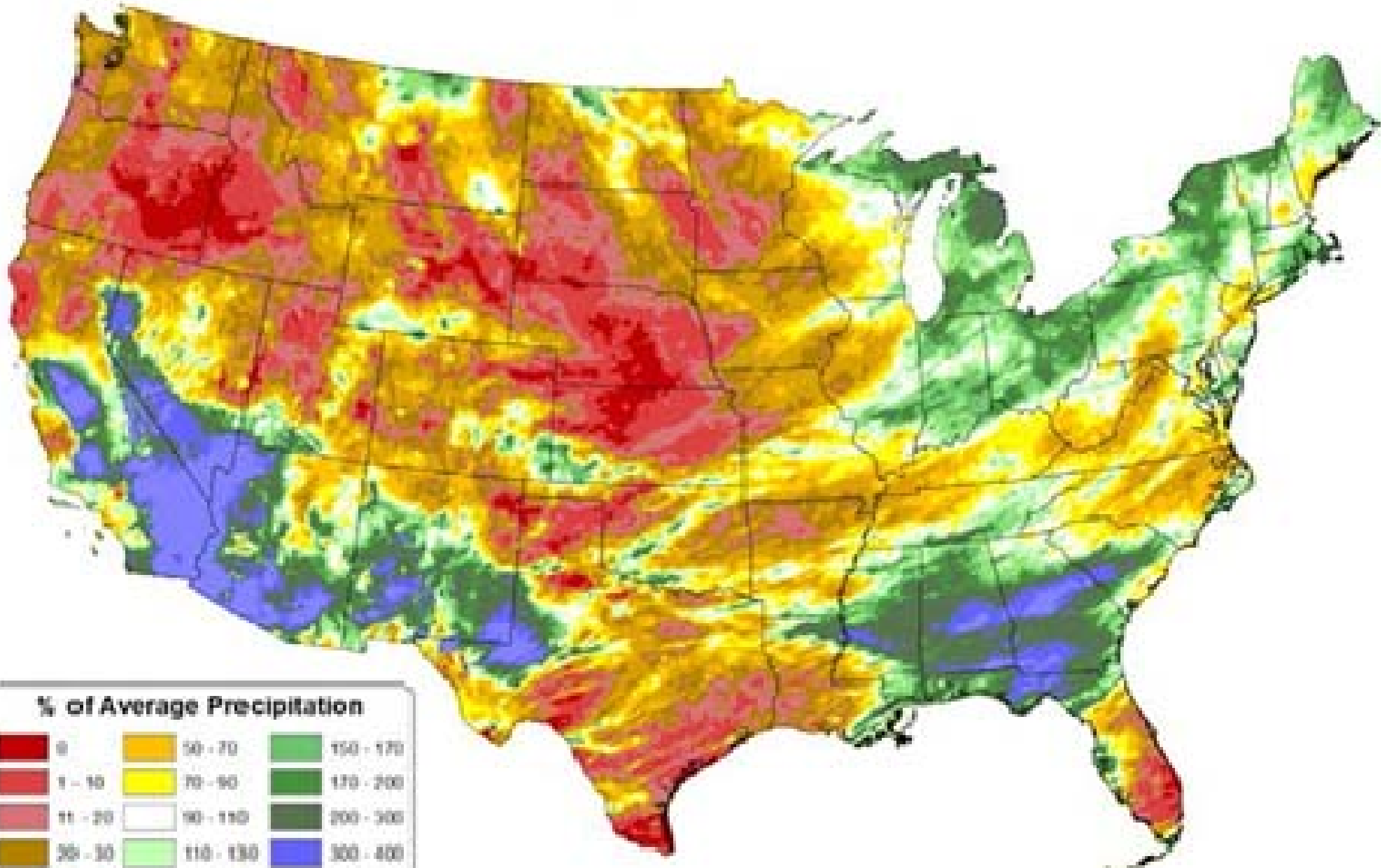


Total Precipitation Anomaly: 01 April 2016 - 12 April 2016

Period ending 1 AM EDT 11 Apr 2016

Base period: 1981-2010

(Map created 11 Apr 2016)



% of Average Precipitation

0	50 - 70	150 - 170
1 - 10	70 - 90	170 - 200
11 - 20	90 - 110	200 - 300
20 - 30	110 - 130	300 - 400
30 - 50	130 - 150	> 400

Wyoming – NRCS

Report #24

Monday Morning Snow Report

Apr. 18th, 2016

Good morning, everyone this is the 24th Monday Snow Report for the 2015-2016 snow season. Last year on this date the state median was 64% with a low of 0% and a high of 115%. This year the state median is 84% with a low of 6% and a high of 162% 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.

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>". 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, preceding two weeks and 2013, 2014, 2015 equivalent (SWE) amounts for Wyoming basins. Median is based on all reporting SNOTEL sites in the basin, not snow courses. The reference period for average comparison is 1981-2010.

DRAINAGE BASIN	4/20/2016	4/18/2016	4/11/2016	4/18/2015	4/18/2014	4/18/2013
SNAKE RIVER	90	91	93	81	143	98
MADISON	78	81	86	60	116	95
YELLOWSTONE	83	83	88	82	153	97
WIND RIVER	103	93	95	76	127	88
BIGHORN BASIN	89	77	80	82	158	101
SHOSHONE RIVER	81	78	96	74	149	93
POWDER	82	73	81	77	167	109
TONGUE	84	67	66	86	153	90
BELLE FOURCHE	35	12	35	0	312	167
CHEYENNE	0	6	14	0	171	131
UPPER N. PLATTE	104	101	97	63	128	92
SWEETWATER	94	85	88	53	107	69
LOWER N. PLATTE	118	114	108	55	134	88
LARAMIE	125	123	108	84	148	99
S. PLATTE	167	162	126	115	178	123
LITTLE SNAKE RIVER	102	99	92	46	126	89
UPPER GREEN	88	92	95	86	160	90
LOWER GREEN	110	103	98	64	131	110
UPPER BEAR	87	85	84	47	113	90
Weighted State Average	90	84	85	64	152	102

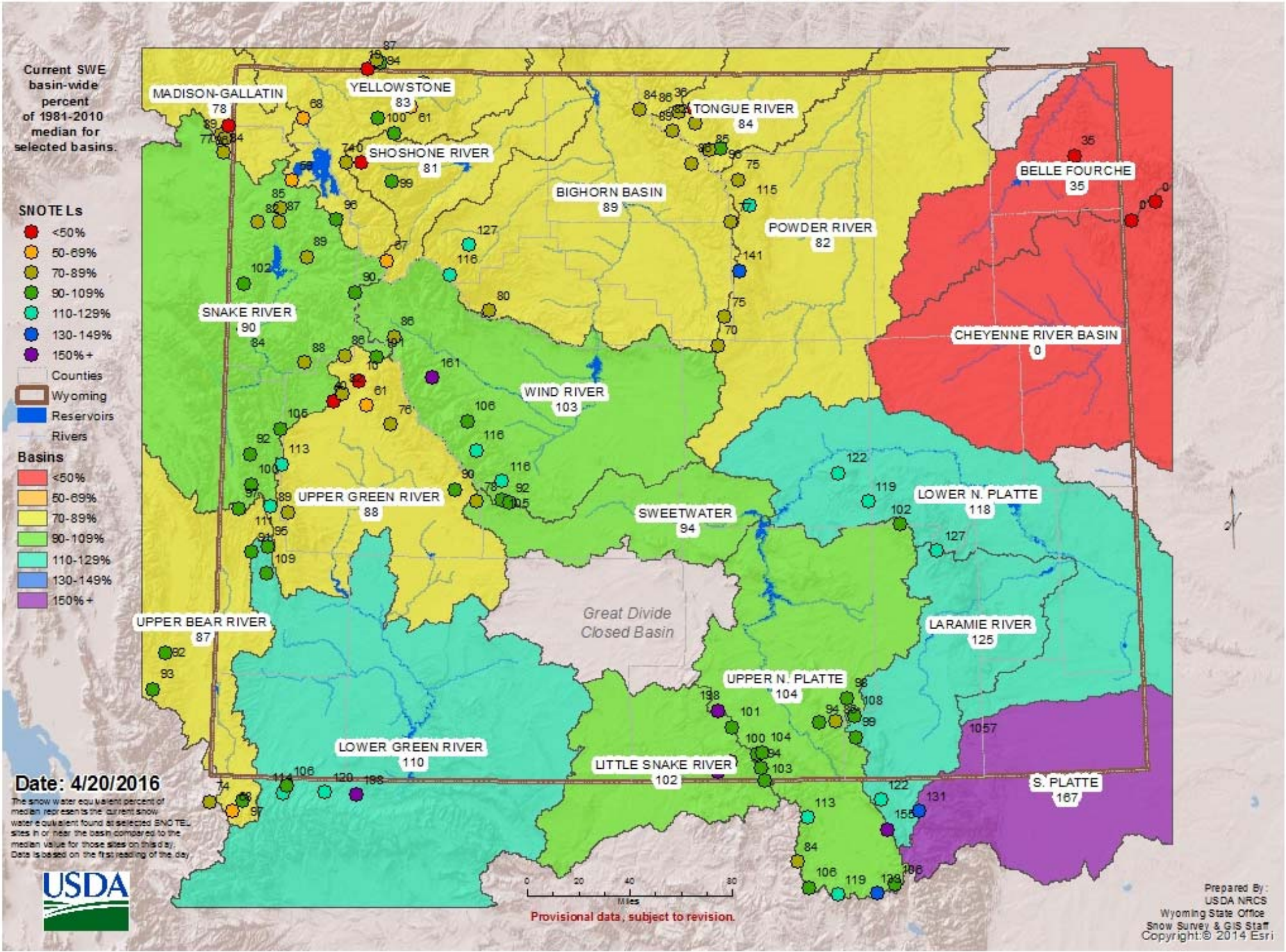
Red = down

blue = up

green = even

* data is suspect

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

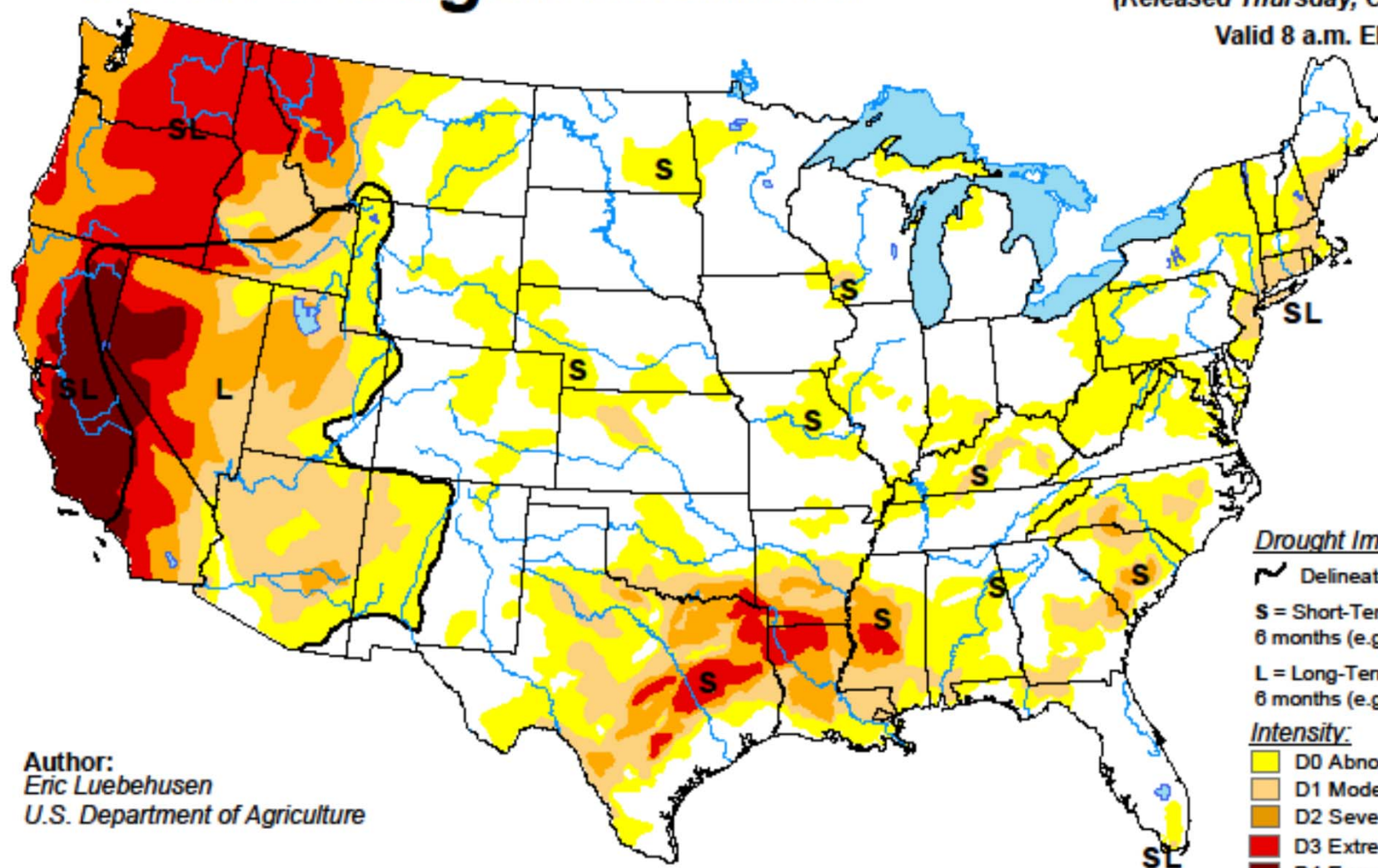


U.S. Drought Monitor

September 29, 2015

(Released Thursday, Oct. 1, 2015)

Valid 8 a.m. EDT



Author:
Eric Luebehusen
U.S. Department of Agriculture

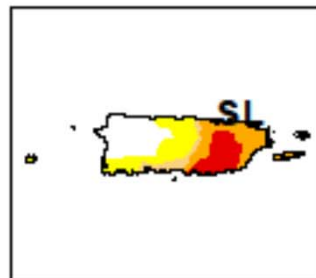
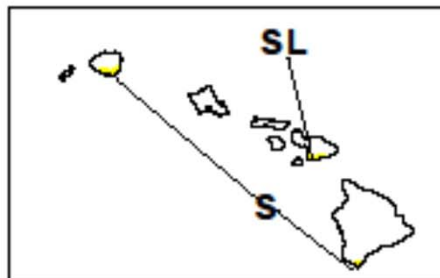
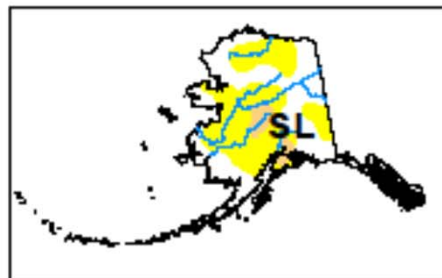
Drought Impact Types:

- 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

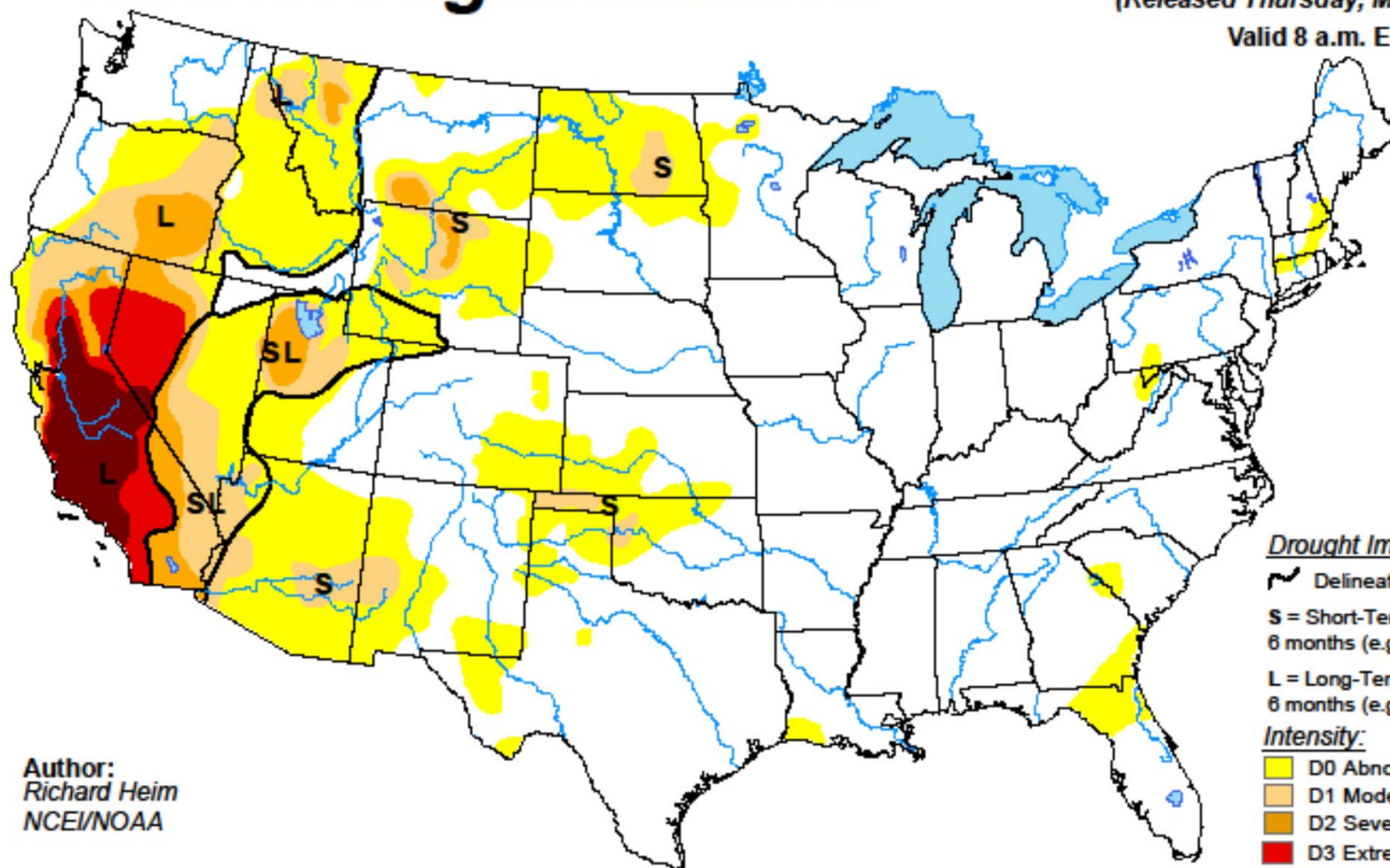
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.



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

U.S. Drought Monitor

March 15, 2016
(Released Thursday, Mar. 17, 2016)
Valid 8 a.m. EDT



Author:
Richard Heim
NCEI/NOAA

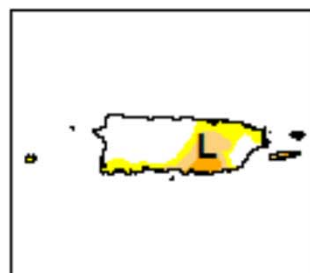
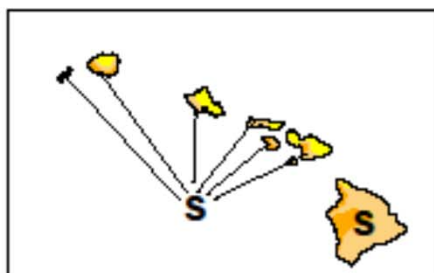
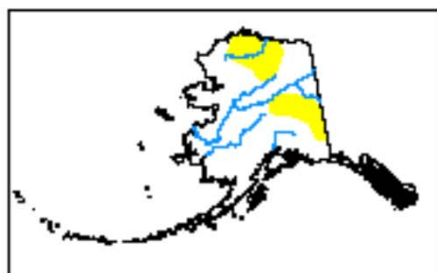
Drought Impact Types:

- 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

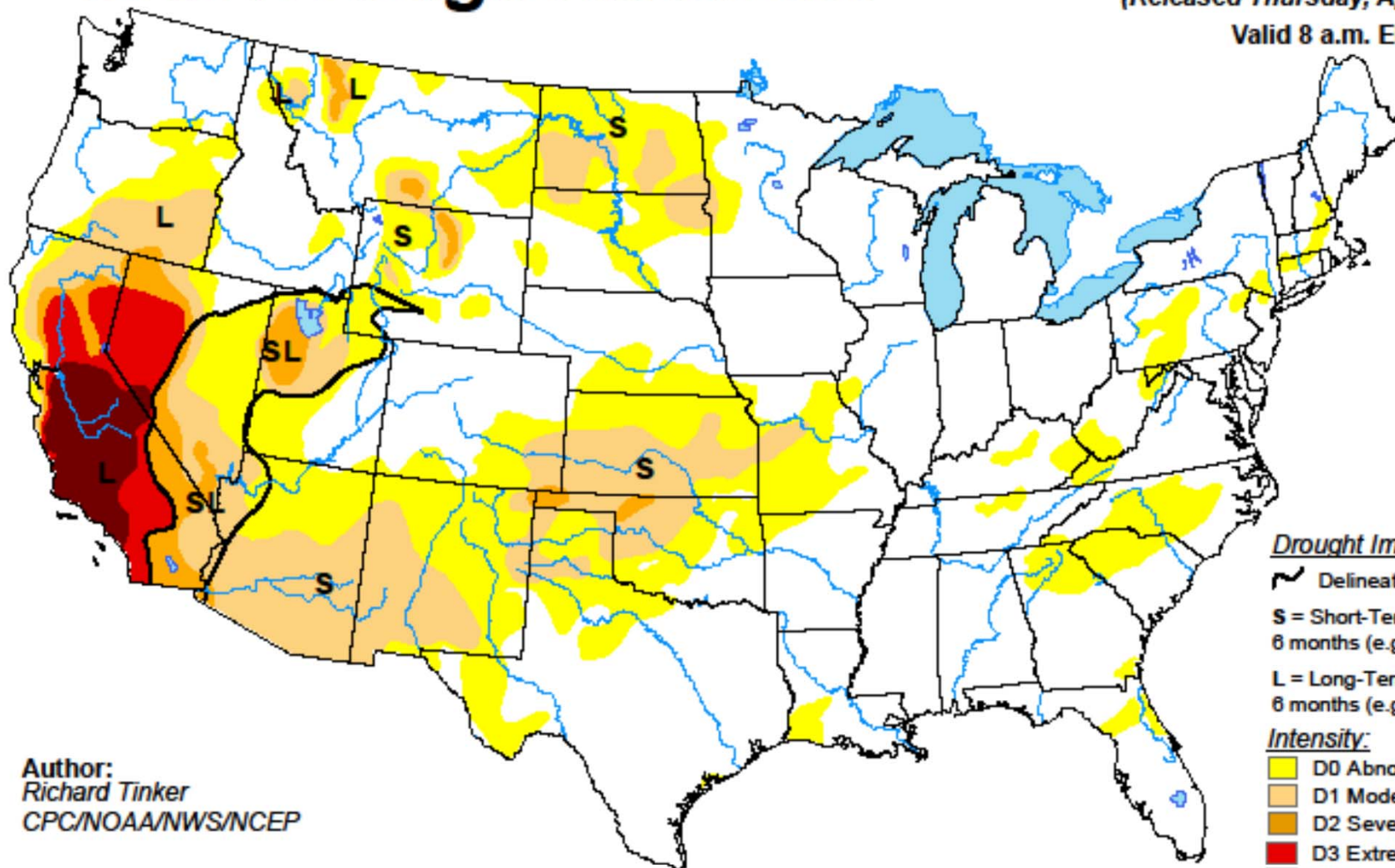
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.



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


U.S. Drought Monitor

April 12, 2016
 (Released Thursday, Apr. 14, 2016)
 Valid 8 a.m. EDT








Author:
 Richard Tinker
 CPC/NOAA/NWS/NCEP

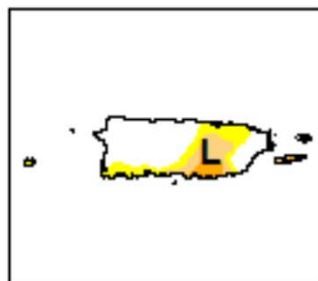
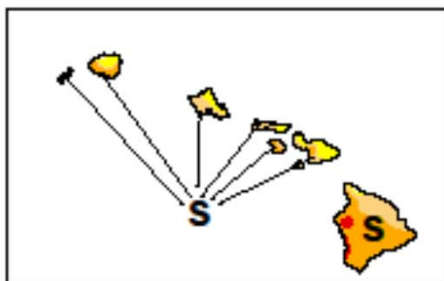
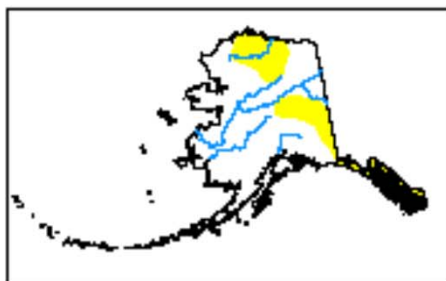
Drought Impact Types:

-  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)

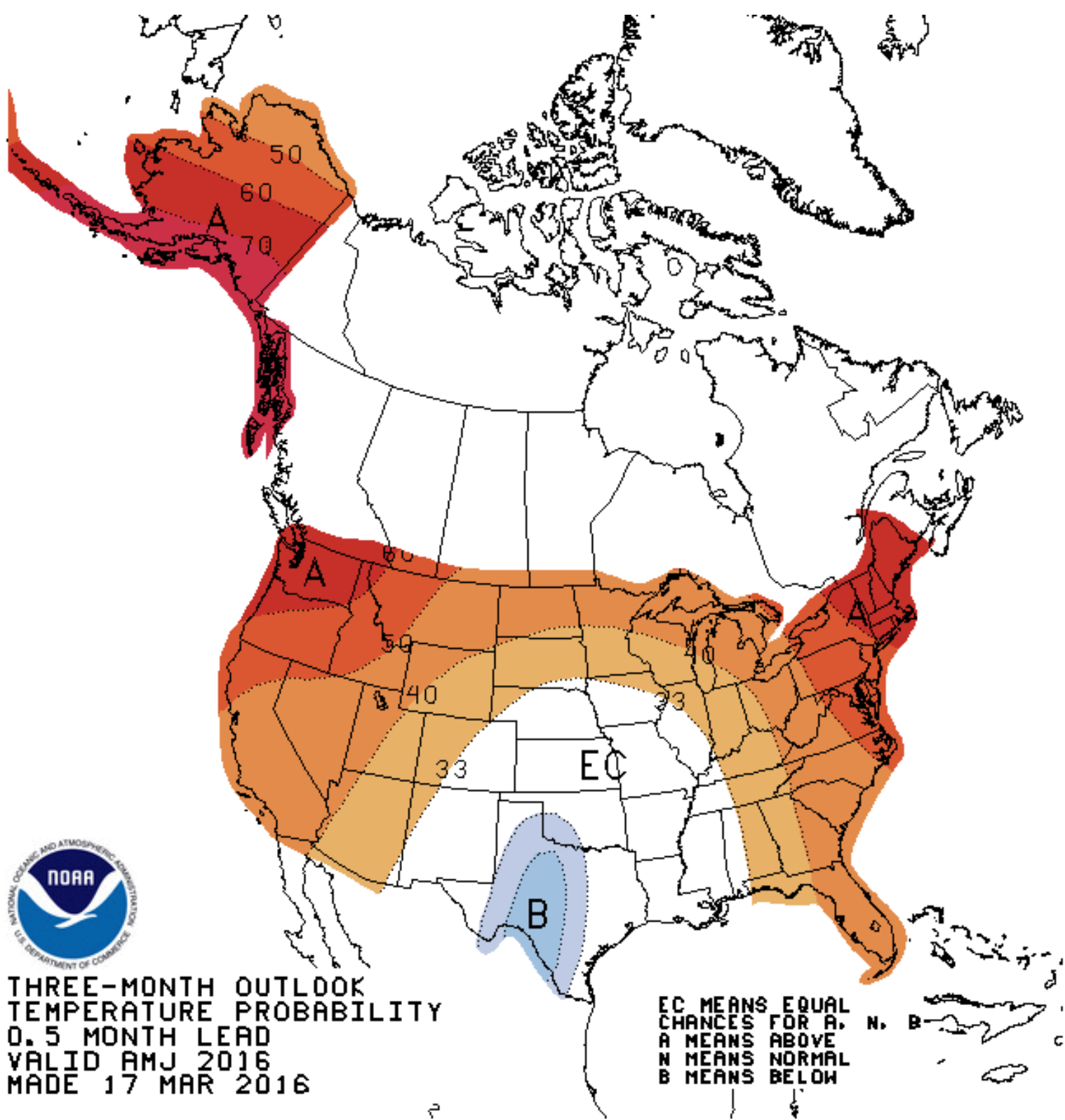
Intensity:

-  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.

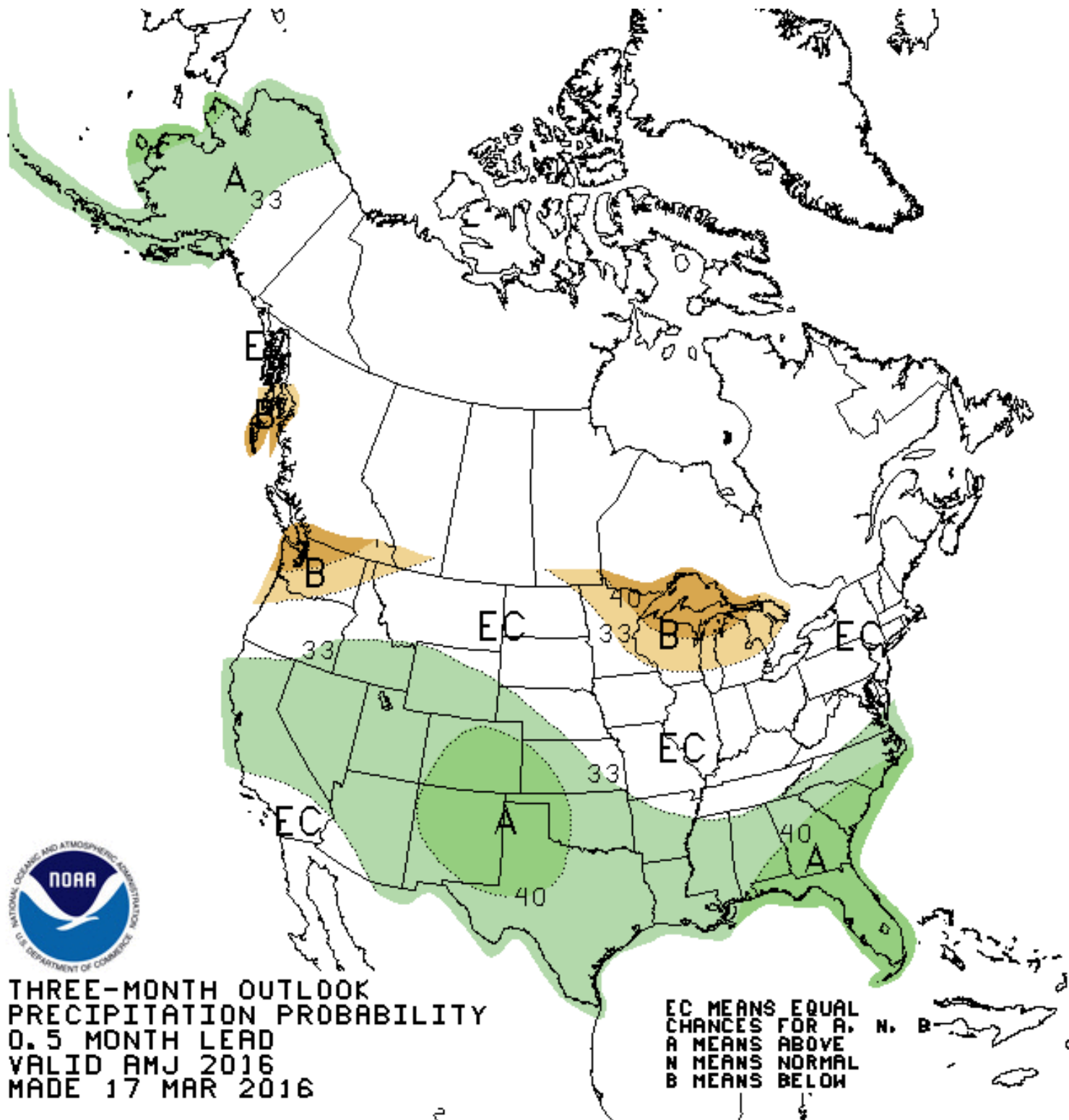


<http://droughtmonitor.unl.edu/>



**THREE-MONTH OUTLOOK
TEMPERATURE PROBABILITY
0.5 MONTH LEAD
VALID AMJ 2016
MADE 17 MAR 2016**

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



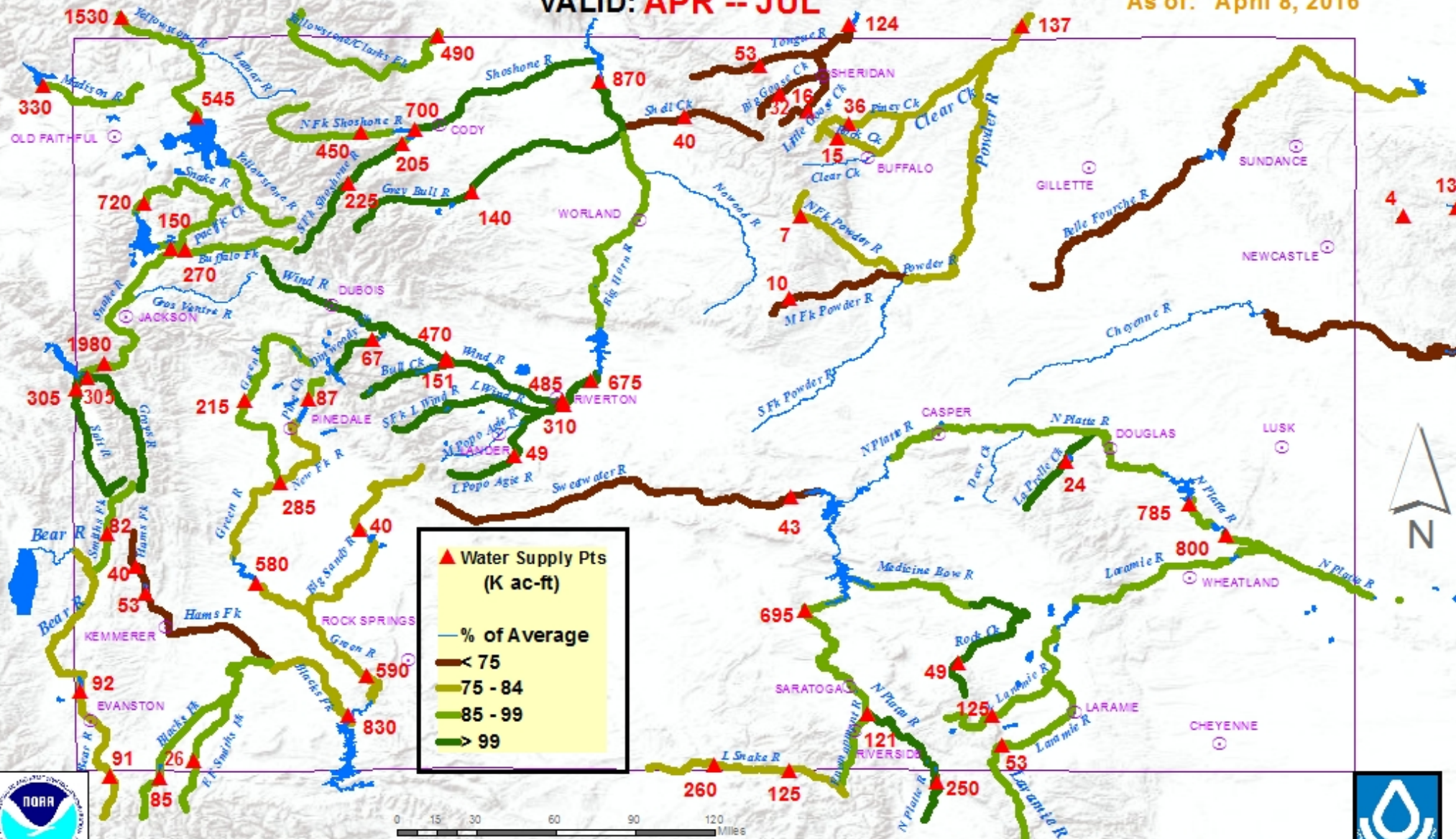
THREE-MONTH OUTLOOK
 PRECIPITATION PROBABILITY
 0.5 MONTH LEAD
 VALID AMJ 2016
 MADE 17 MAR 2016

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

Wyoming Water Supply Outlook

VALID: APR -- JUL

As of: April 8, 2016



Water Supply Volume Forecasts are taken from Wyoming NRCS's Basin Outlook Report

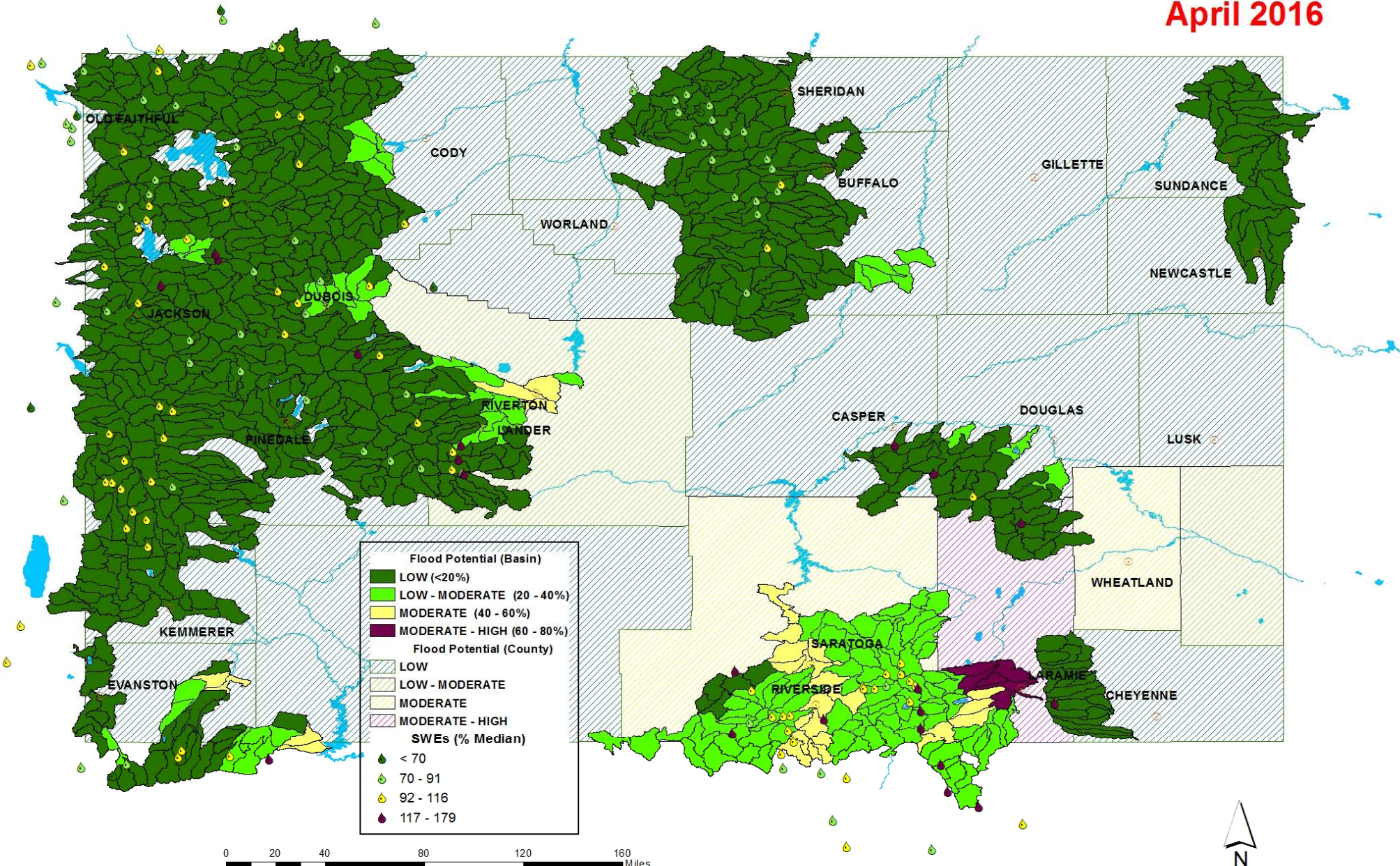
Note: Numbers in BOLD text next to Water Supply Points Refer to Volume Forecast in Thousands of Acre-feet (K ac-ft). 1 acre-foot of water covers 1 acre of land to a depth of 1 foot.

NOTE: ALL FORECAST VOLUMES REFLECT FULL NATURAL FLOW. ACTUAL OBSERVED FLOWS MAY BE AFFECTED BY UPSTREAM WATER MANAGEMENT.

Note: The NEXT graphical water supply outlook will be issued: around 10th of May 2016.

Wyoming Spring Snowmelt Flood Potential Outlook

April 2016



Note: This outlook is based on any Snow Water Equivalent (SWE) data available during preparation.

SWE data courtesy of NRCS

Note: A much HIGHER Flood Potential can occur at any location during periods of:

- 1) Higher than normal temperatures occurring during snowmelt.
- 2) Extended heavy rainfall occurring over a melting snowpack.



The next and Final graphical outlook will be issued in early May.

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

lee.hackleman@wy.usda.gov