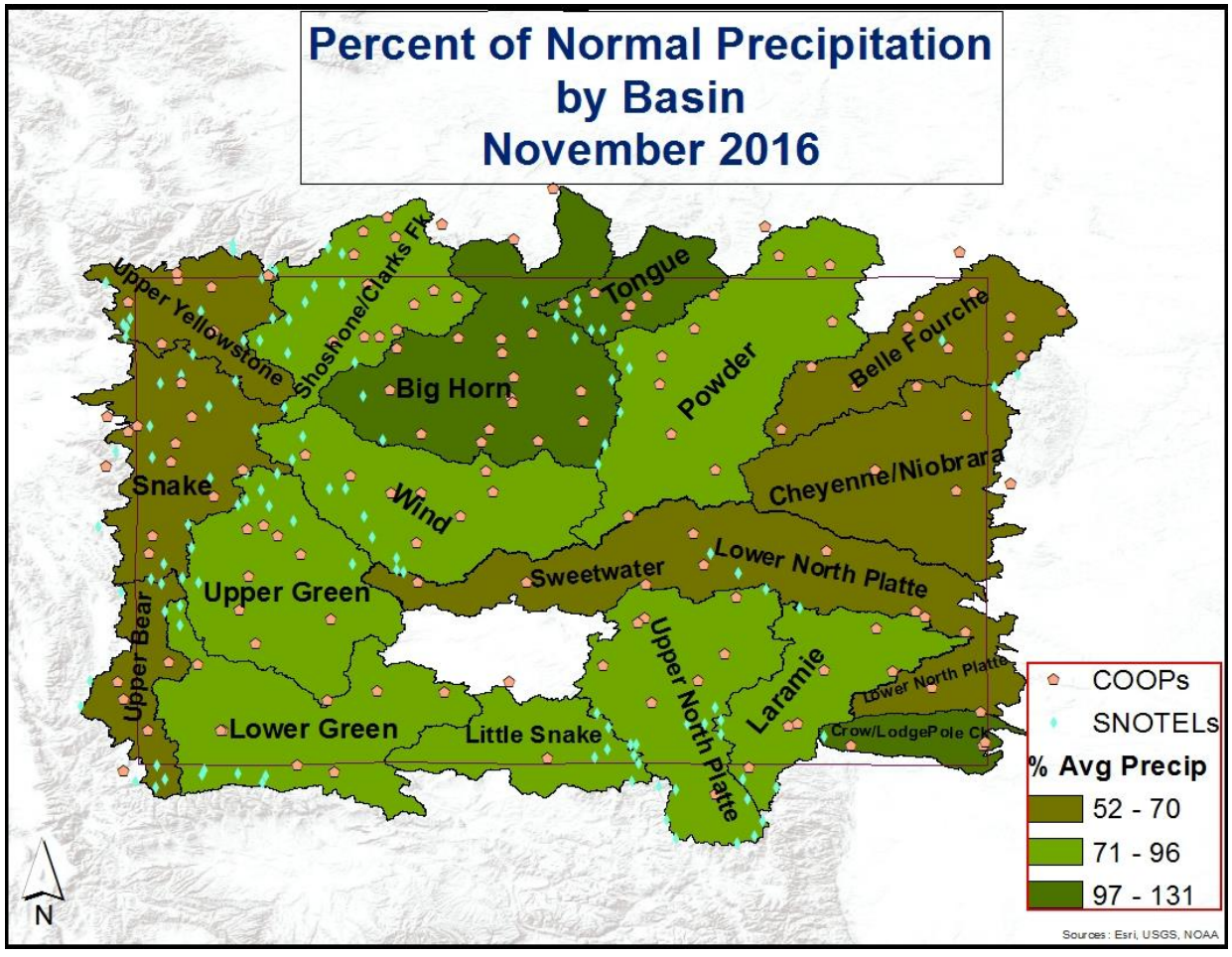
Wyoming Hydrologic Summary

November 2016

Precipitation:

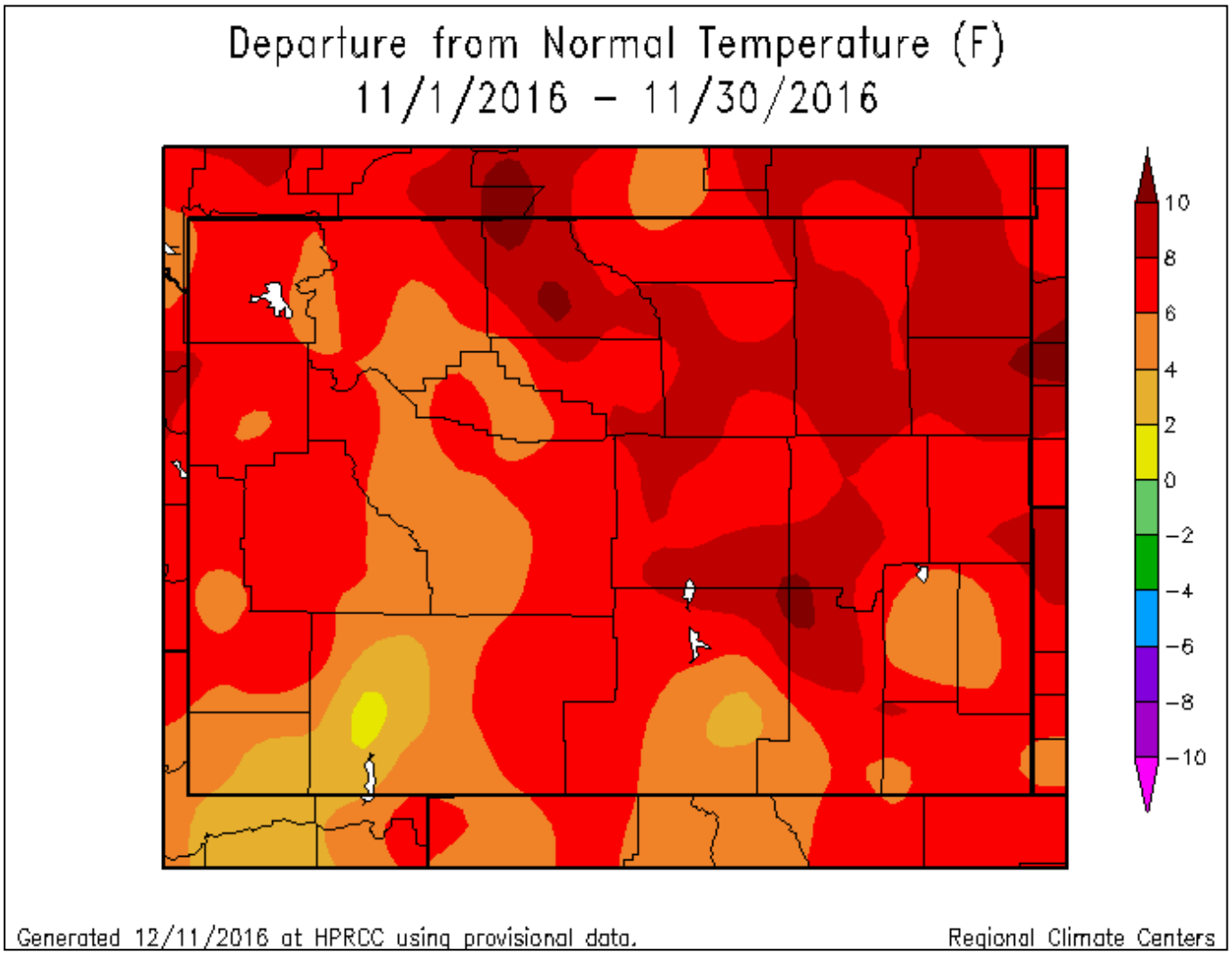
Below normal precipitation during November for basins in far western Wyoming. All other basins in central Wyoming had **near** normal precipitation totals during the month.

The Lower North Platte, Cheyenne, and Niobrara Watersheds had **below** normal precipitation during November. All other major basins in southeastern Wyoming had near normal precipitation totals for the month.



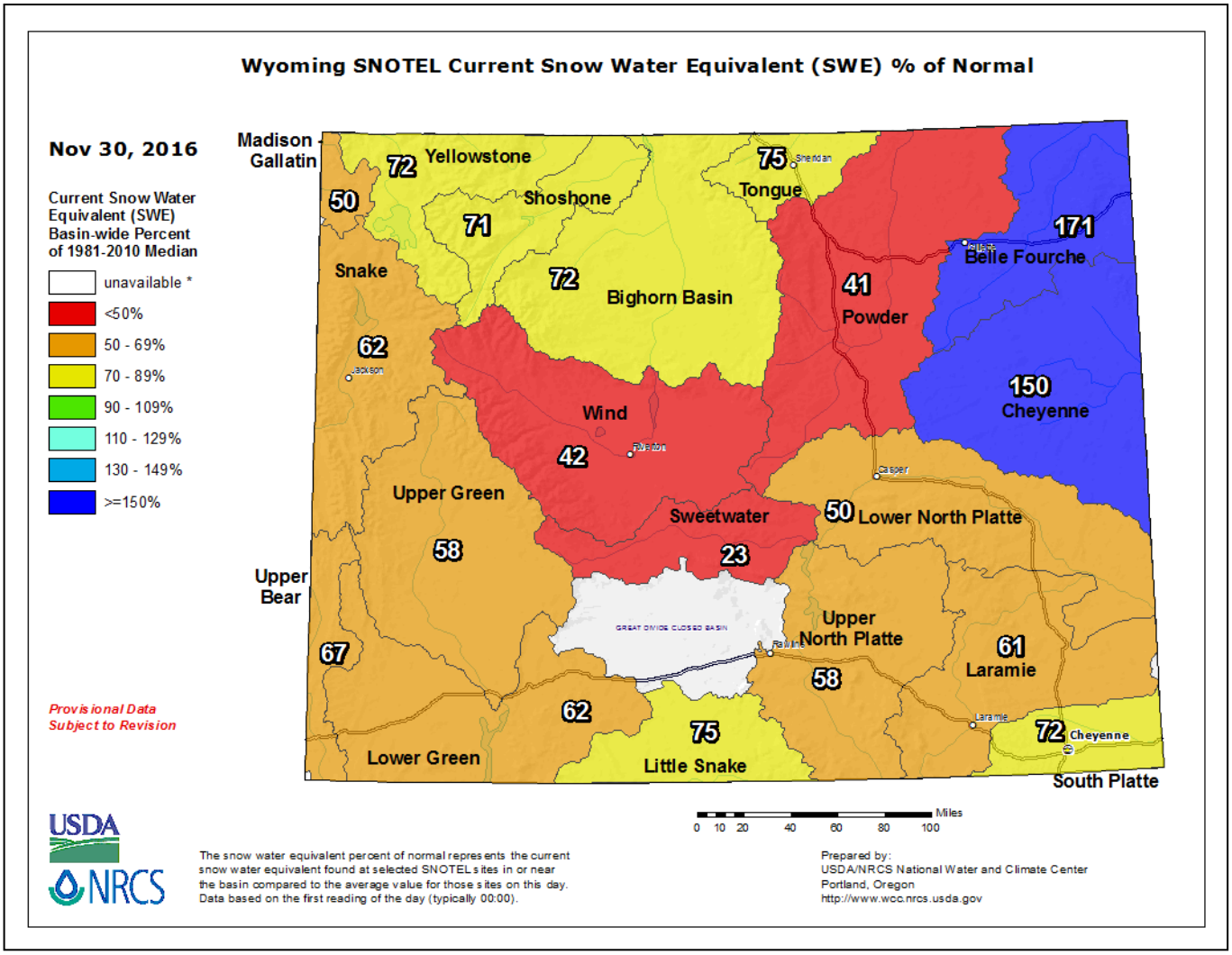
Temperature Trends:

Generally, **above** normal temperatures in November for all basins in Wyoming.



Snow Water Equivalents/Mountain Snowpack:

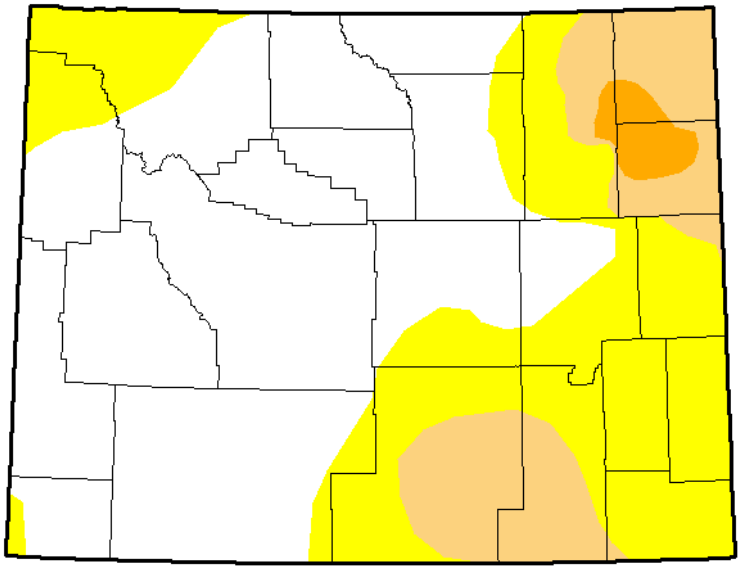
By the end of November, all major drainage basins in Wyoming generally had **below** normal mountain snowpack and/or snow water equivalent (SWE) averages.



Drought:

Moderate to **severe** hydrologic drought conditions in November continued to be confined to basins in northeastern Wyoming. Moderate drought conditions developed over basins in southeastern part of the state during the month. All other major drainages in Wyoming continued to have minimal hydrologic drought conditions during November. Current drought conditions are forecasted to persist through the winter.

U.S. Drought Monitor
Wyoming



November 29, 2016
(Released Thursday, Dec. 1, 2016)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	56.01	43.99	14.11	1.73	0.00	0.00
Last Week 11/22/2016	56.01	43.99	14.11	1.73	0.00	0.00
3 Months Ago 8/30/2016	43.63	56.37	29.95	9.06	2.63	0.00
Start of Calendar Year 12/29/2015	38.46	61.54	4.25	0.00	0.00	0.00
Start of Water Year 9/27/2016	41.39	58.61	24.40	9.97	0.00	0.00
One Year Ago 12/1/2015	38.42	61.58	0.09	0.00	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.

Author:
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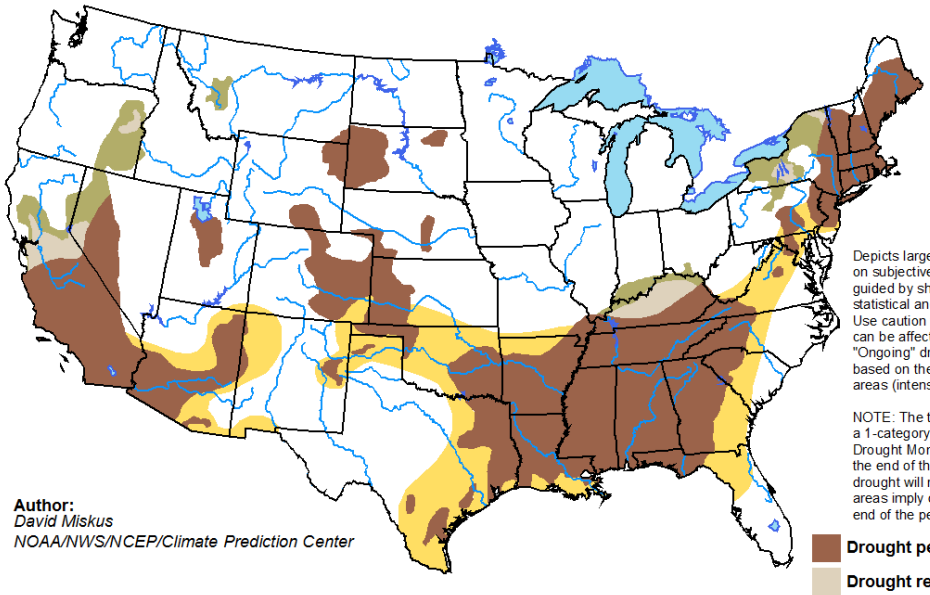
NCEI/NOAA

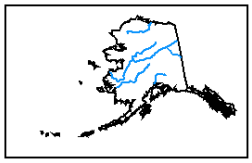
http://droughtmonitor.unl.edu/

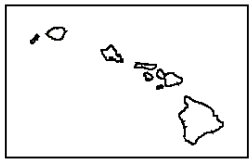
U.S. Seasonal Drought Outlook
Valid for November 17 - February 28, 2017
Released November 17, 2016

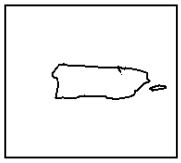
Drought Tendency During the Valid Period



Author:
David Miskus
NOAA/NWS/NCEP/Climate Prediction Center





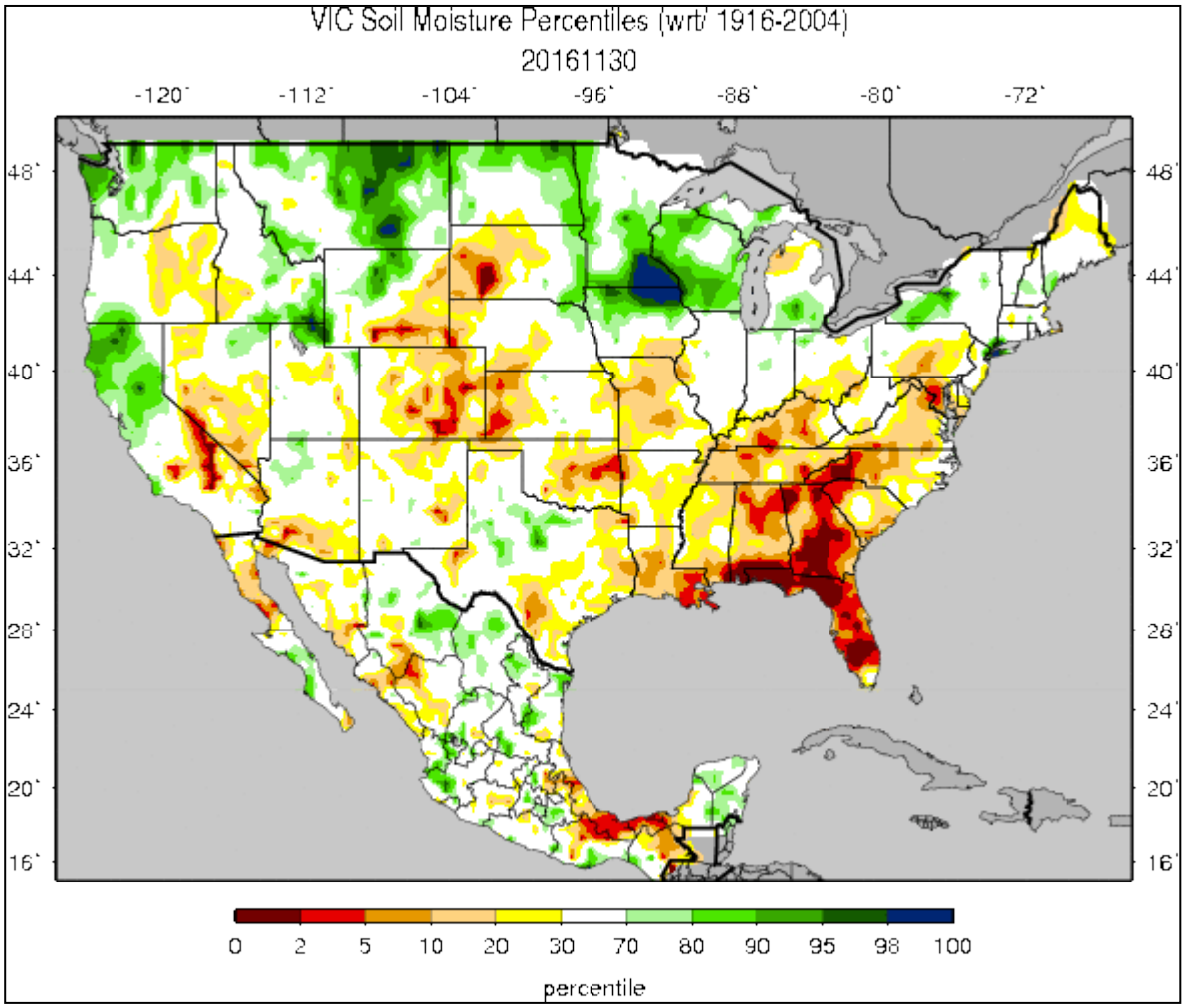


Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to D4).

NOTE: The tan areas imply at least a 1-category improvement in the Drought Monitor intensity levels by the end of the period, although drought will remain. The green areas imply drought removal by the end of the period (D0 or none).

- **Drought persists**
- **Drought remains but improves**
- **Drought removal likely**
- **Drought development likely**

http://go.usa.gov/3eZ73



Dry soil conditions continued over basins southeastern and eastern Wyoming during November. Predominately wet soil conditions prevailed over the central and northern basins in Wyoming during the month.

Ice Jam Flooding:

No significant flooding due to ice jamming was reported.