



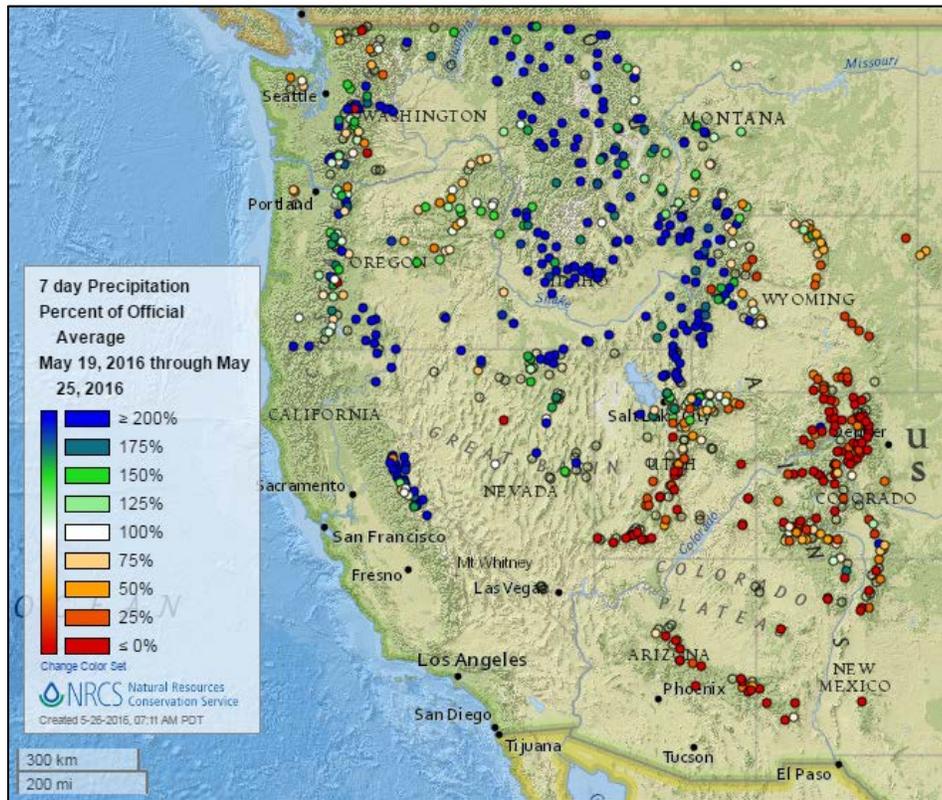
Water and Climate Update

May 26, 2016

The Natural Resources Conservation Service produces this weekly report using data and products from the [National Water and Climate Center](#) and other agencies. The report focuses on seasonal snowpack, precipitation, temperature, and drought conditions in the U.S.

Snow	2	Drought	8
Precipitation	3	Other Climatic and Water Supply Indicators	10
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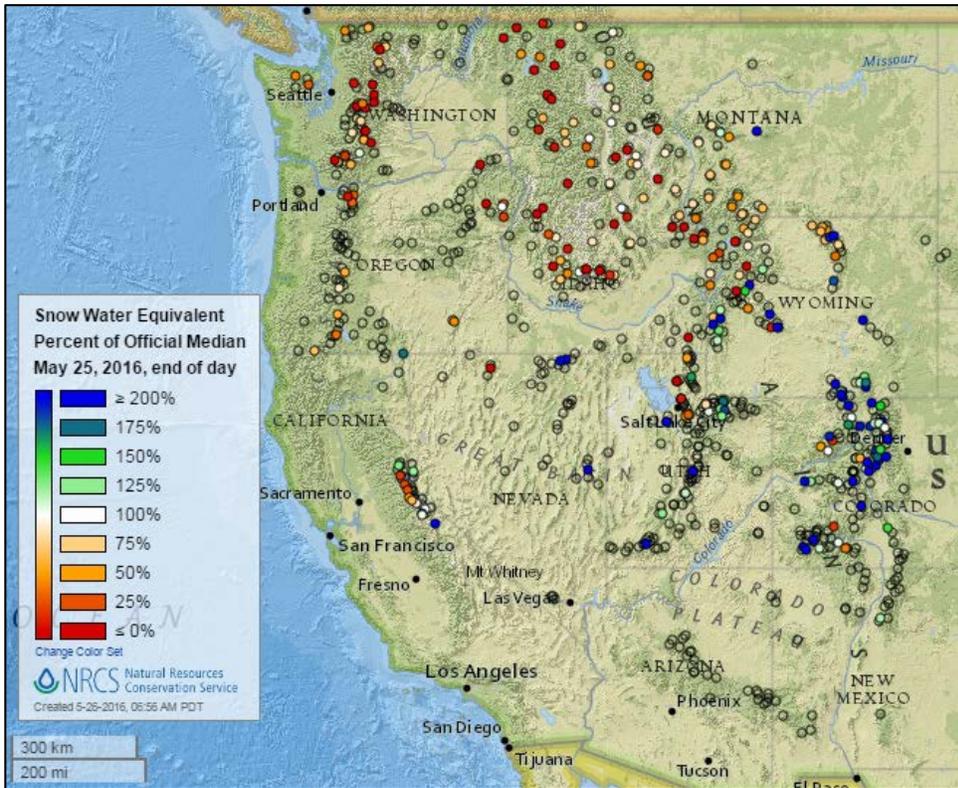
SNOTEL stations report a wet week in the Northwest; stations in the Southwest drier than normal



Many of the Pacific Northwest, northern Rockies, and Sierra Nevada SNOTEL stations reported above normal precipitation for the week. At high-elevation stations in the Sierra Nevada and northern Rockies, this fell as snow. The Southwest had a drier than normal week at mountain SNOTEL stations.

Snow

Current Snow Water Equivalent, NRCS SNOTEL Network



[Current snow water equivalent percent of median map](#)

See also: [Current snow water equivalent values \(inches\) map](#)

Stations with no fill have melted out for the season, or are not reporting at this time.

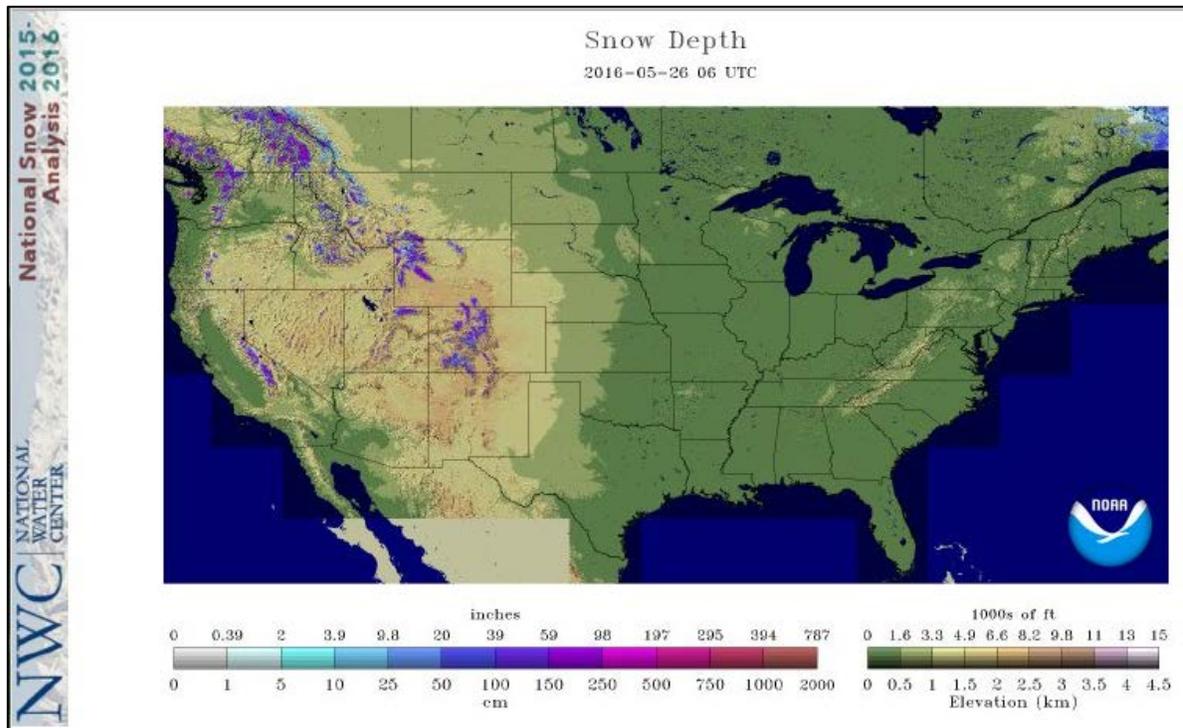


[Alaska current snow water equivalent percent of median map](#)

See also: [Alaska current snow water equivalent values \(inches\) map](#)

Stations with no fill have melted out for the season, or are not reporting at this time.

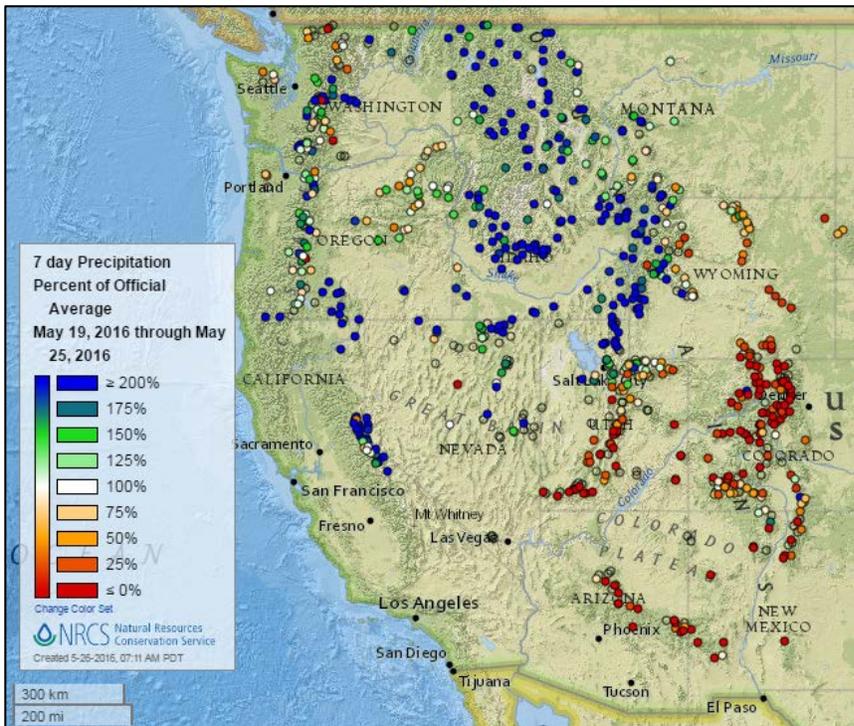
Current Snow Depth, National Weather Service (NWS) Networks



[NOAA National Operation Hydrologic Remote Sensing Center current snow depth map](#)

Precipitation

Last 7 Days, Western Mountain Sites (NRCS SNOTEL Network)



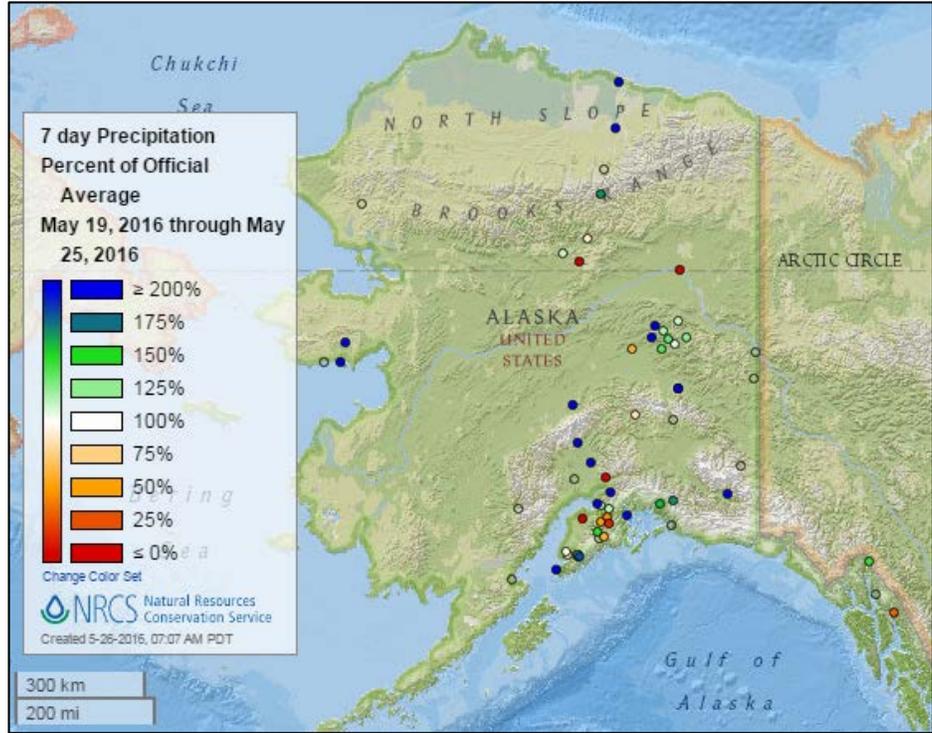
[7-day precipitation percent of average map](#)

See also: [7-day total precipitation values \(inches\) map](#)

Water and Climate Update

[Alaska 7-day precipitation percent of average map](#)

See also: [Alaska 7-day total precipitation values \(inches\) map](#)



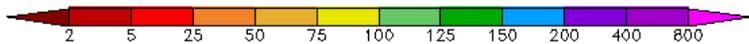
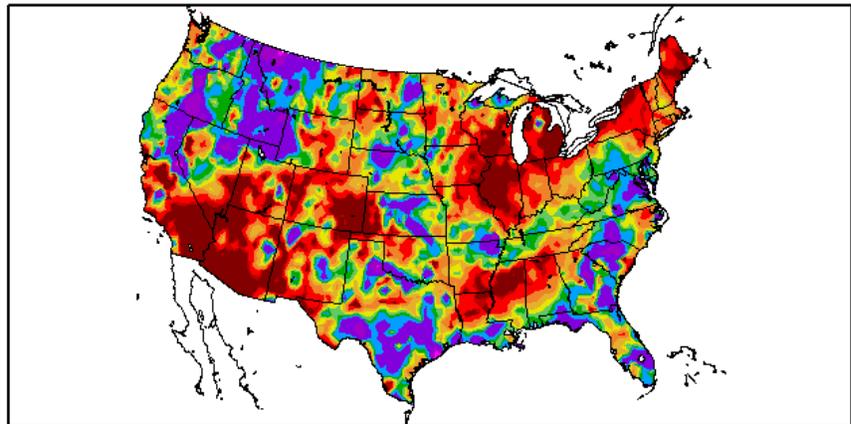
Last 7 Days, National Weather Service (NWS) Networks

Source: Regional Climate Centers

[7-day precipitation percent of normal map for the continental U.S.](#)

Percent of Normal Precipitation (%)
5/19/2016 – 5/25/2016

See also: [7-day total precipitation values \(inches\) map](#)



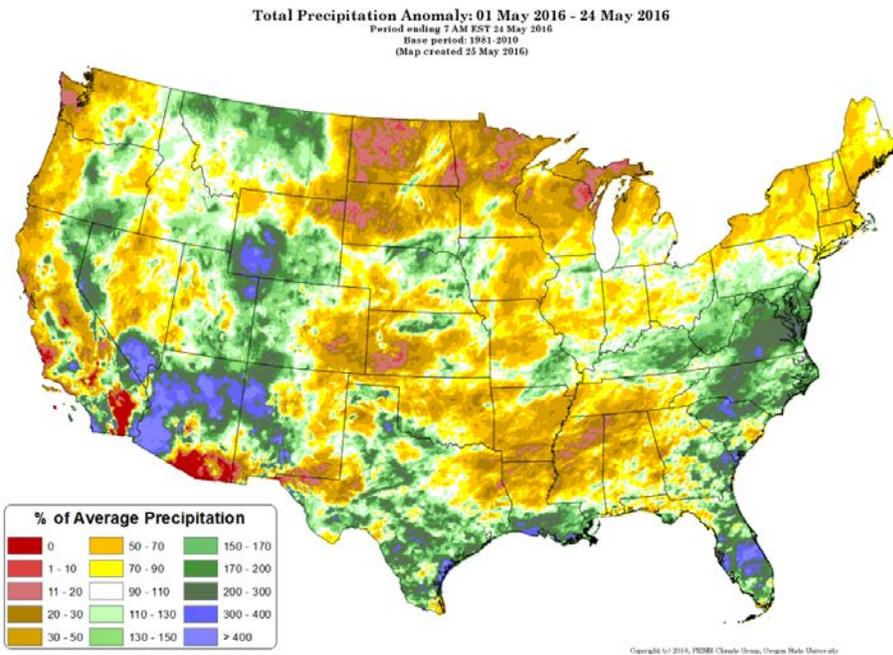
Generated 5/26/2016 at HPRCC using provisional data.

Regional Climate Centers

Water and Climate Update

Month-to-Date, All Available Data Including SNOTEL and NWS Networks

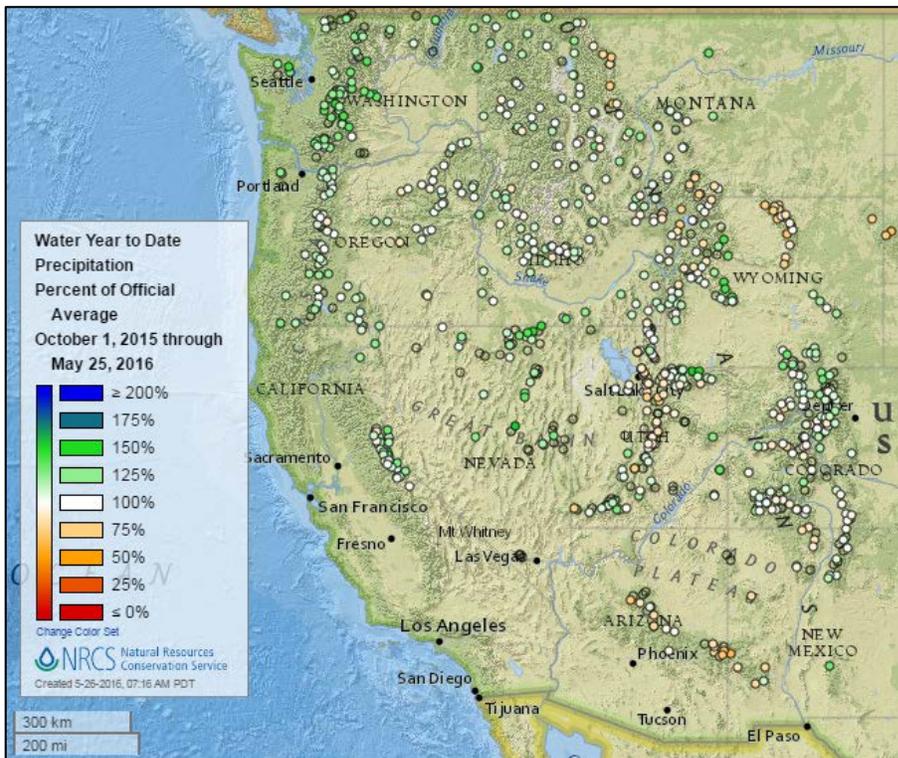
Source: PRISM



[May national month-to-date precipitation percent of average map](#)

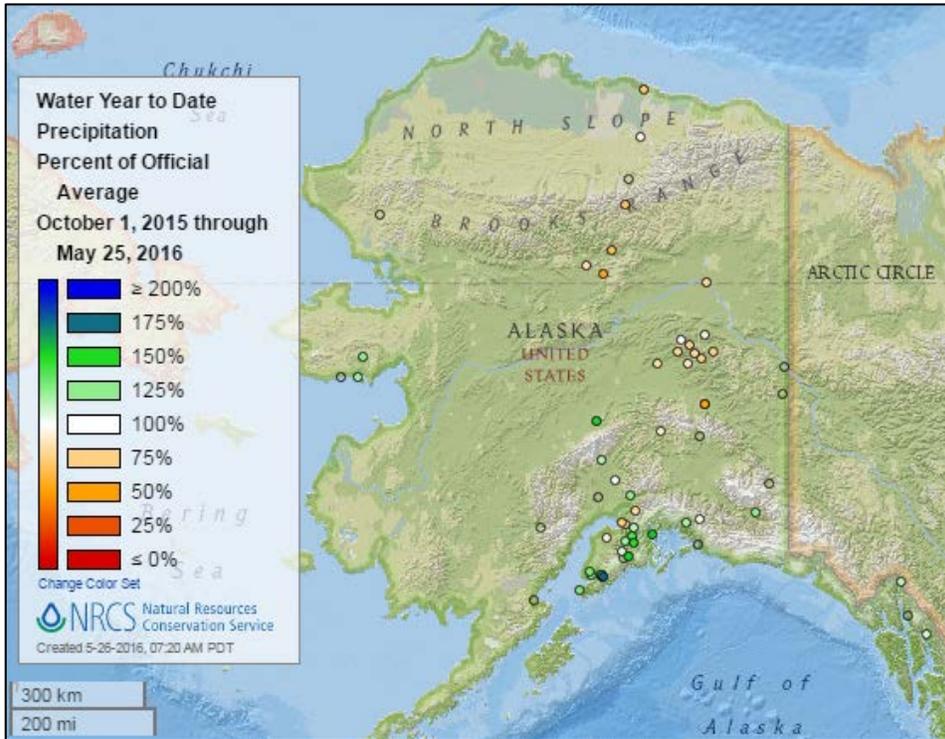
See also: [May month-to-date total precipitation values \(inches\) map](#)

Water Year-to-Date, Western Mountain Sites (NRCS SNOTEL Network)



[2016 water year-to-date precipitation percent of average map](#)

See also: [2016 water year-to-date precipitation values \(inches\)](#)



[Alaska 2016 water year-to-date precipitation percent of average map](#)

See also: [Alaska 2016 water year-to-date precipitation values \(inches\) map](#)

Temperature

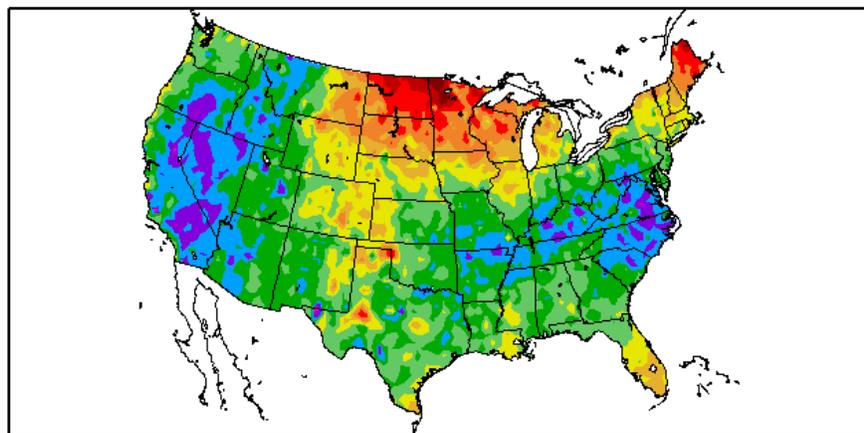
Last 7 Days, National Weather Service (NWS) Networks

Source: Regional Climate Centers

[7-day temperature anomaly map](#)

Departure from Normal Temperature (F)
5/19/2016 – 5/25/2016

See also: [7-day temperature \(° F\) map](#)



Generated 5/26/2016 at HPRCC using provisional data.

Regional Climate Centers

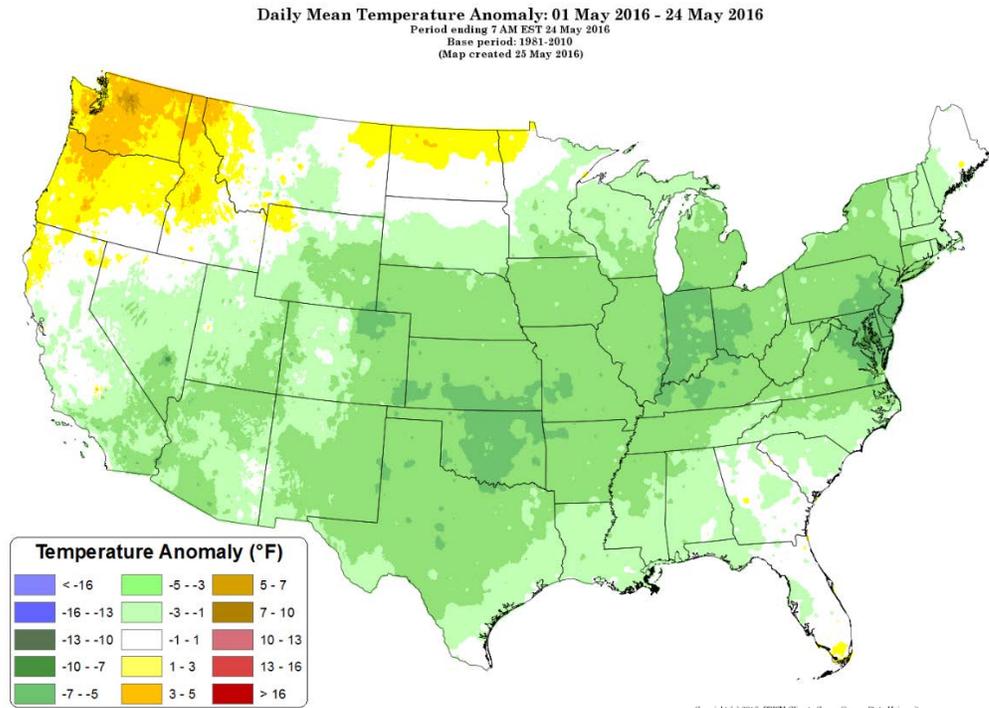
Water and Climate Update

Month-to-Date, All Available Data Including SNOTEL and NWS Networks

Source: PRISM

[May month-to-date daily mean temperature anomaly map](#)

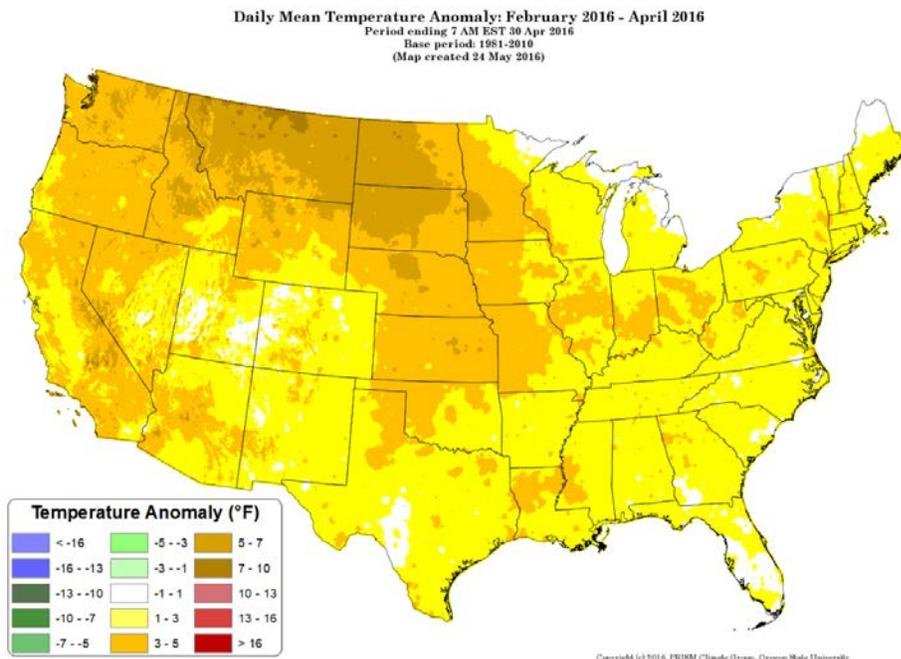
See also: [May month-to-date daily mean temperature \(°F\) map](#)



Last 3 Months, All Available Data Including SNOTEL and NWS Networks

Source: PRISM

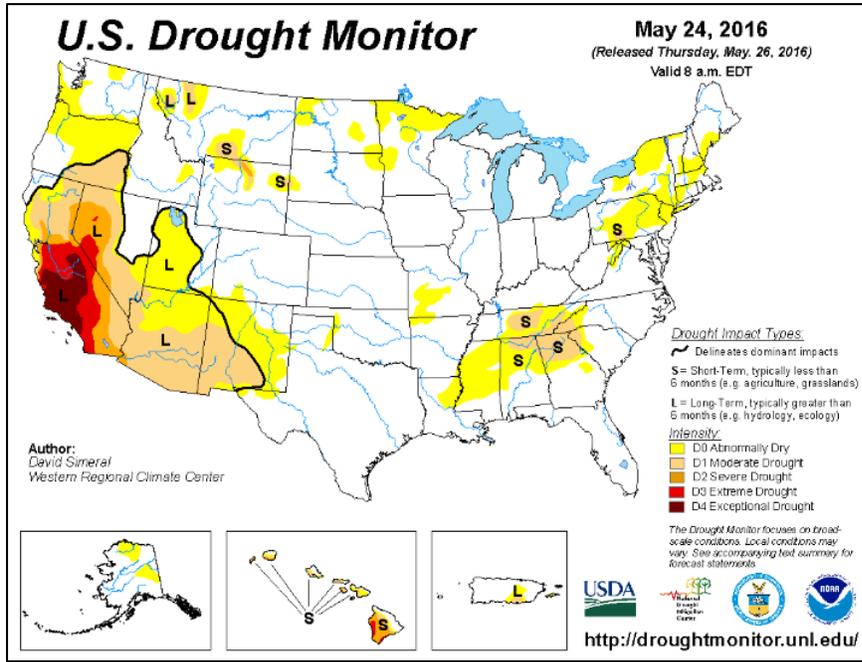
[February through April daily mean temperature anomaly map](#)



Drought

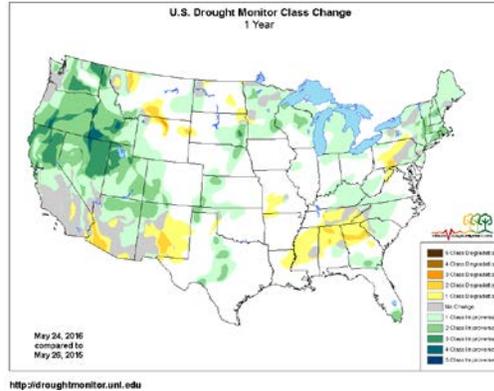
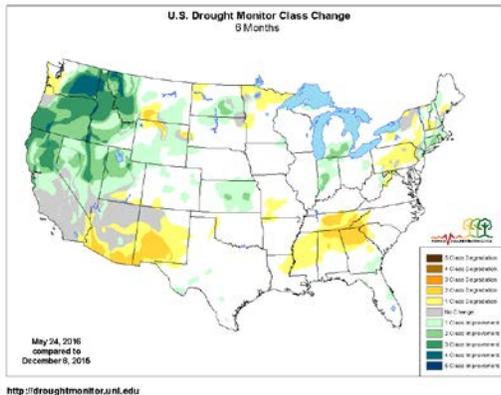
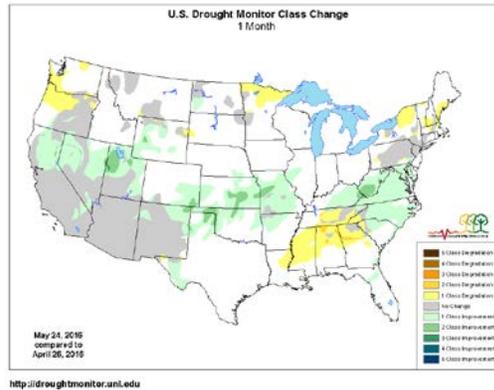
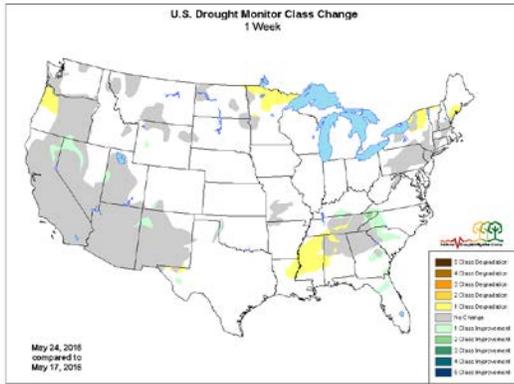
[U.S. Drought Monitor](#) See map below.

[U.S. Drought Portal](#) Comprehensive drought resource.



Changes in Drought Monitor Categories over Time

Click any map to enlarge



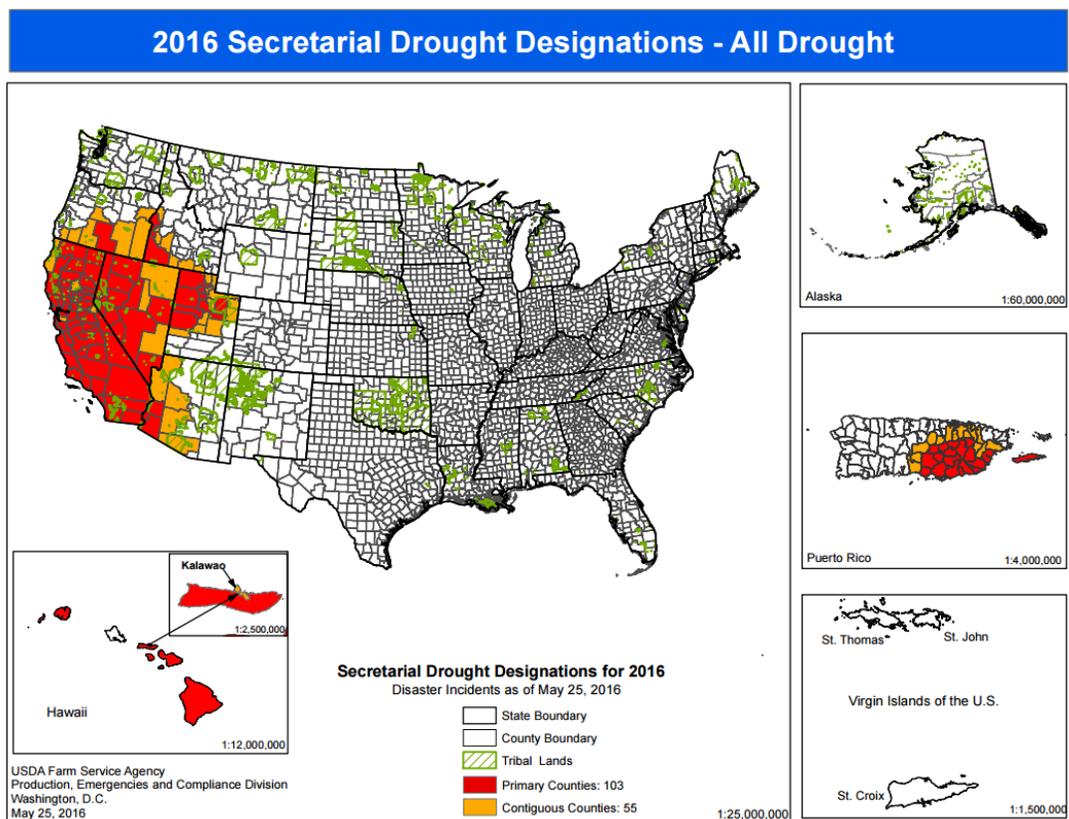
[Changes in drought conditions over the last 12 months](#)

Current National [Drought Summary](#), May 24, 2016

Author: David Simeral, Western Regional Climate Center

“This U.S. Drought Monitor week saw minor improvements in drought conditions in areas of the West including: northeastern California, northern Nevada, northwestern New Mexico, and southeastern Alaska. In Texas, persistent rainfall led to the complete removal of drought conditions from the state. In the Northeast, Northwest, and Southeast, short-term precipitation deficits, low streamflows, and pockets of dry soils led to further deterioration of conditions. Significant rainfall accumulations this week were observed along the western Gulf Coast, portions of the Mid-Atlantic, Northern Rockies, and Southeast. In southeastern Florida, seven-day rainfall totals were impressive with some coastal areas receiving nearly fifteen inch accumulations. Temperatures across most of the conterminous U.S. were below normal during the past week with the largest negative departures across the Central and Southern Plains, lower Midwest and Mid-Atlantic where average temperatures were four-to-ten degrees below normal. Conversely, temperatures were four-to-ten degrees above normal in the North Plains and High Plains of Montana.”

USDA 2016 Secretarial [Drought Designations](#)

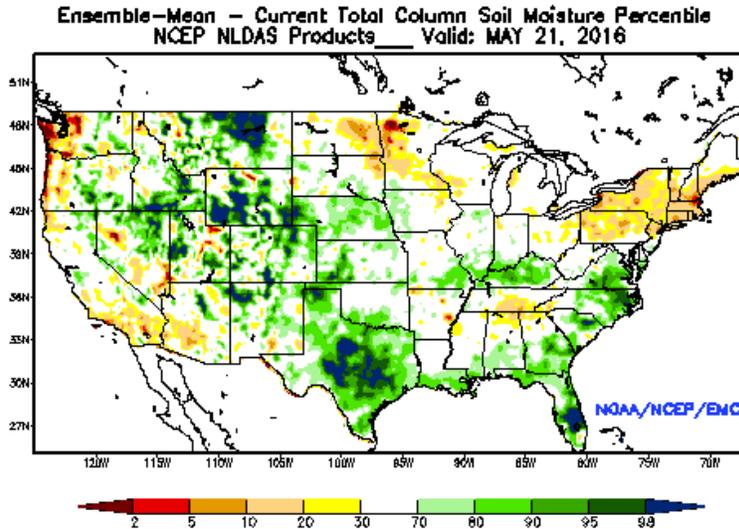


Highlighted Drought Resources

- [Drought Impact Reporter](#)
- [Quarterly Regional Climate Impacts and Outlook](#)
- [U.S. Drought Portal Indicators and Monitoring](#)
- [U.S. Population in Drought, Weekly Comparison](#)
- [USDA Disaster and Drought Information](#)

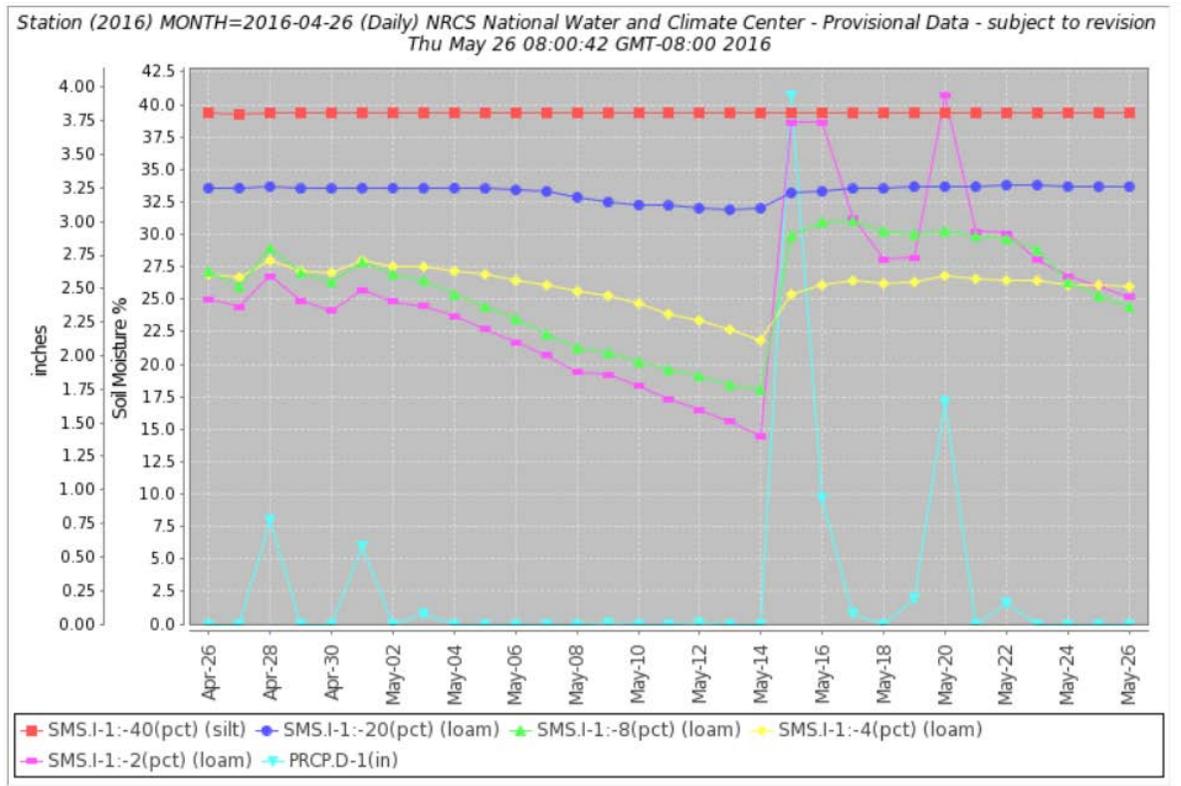
Other Climatic and Water Supply Indicators

Soil Moisture



[Modeled soil moisture percentiles](#) as of May 21, 2016

Soil Moisture Data: NRCS [Soil Climate Analysis Network \(SCAN\)](#)



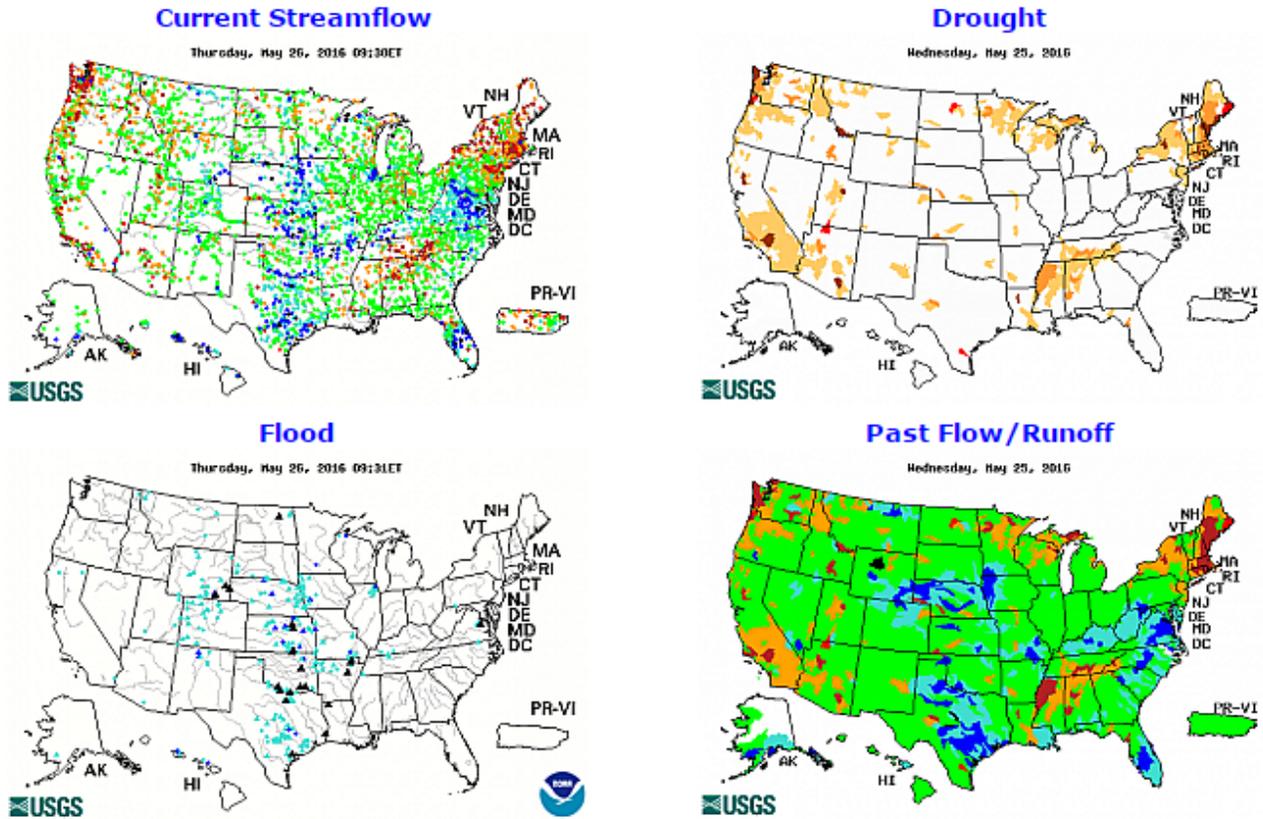
Soil moisture (at 2-, 4-, 8-, 20-, and 40-inch depths) and precipitation for the past 30 days at the [Prairie View #1 SCAN site 2016](#) in Texas. The large precipitation event of 4 inches on May 15 increased soil moisture down to the 20-inch soil sensor. The 40-inch sensor reported no response to the storms.

Soil Moisture Data Portals

- [CRN Soil Moisture](#)
- [Texas A&M University North American Soil Moisture Database](#)
- [University of Washington Experimental Modeled Soil Moisture](#)

Streamflow

Source: USGS



Click to enlarge and display legends

[Current streamflow maps](#)

Current Reservoir Storage

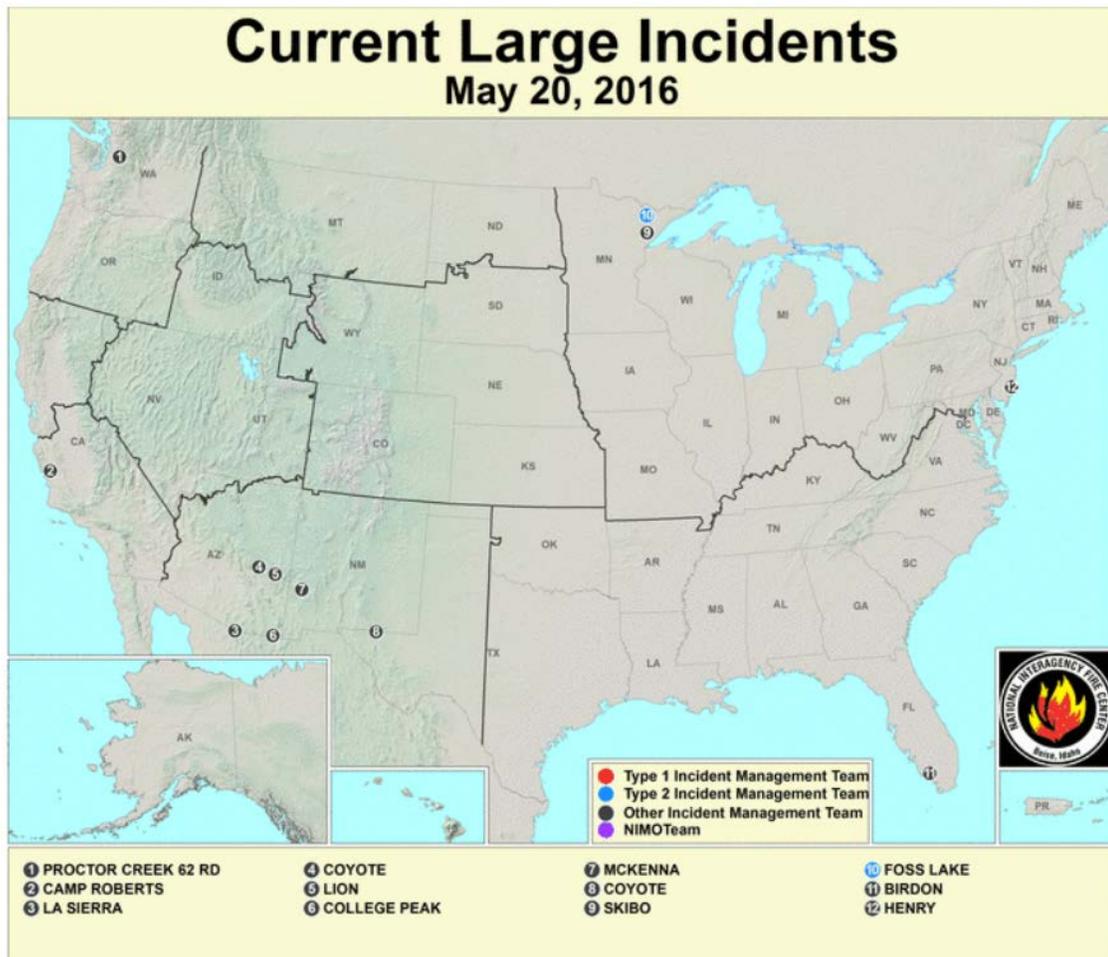
[National Water and Climate Center Reservoir Data](#)

U.S. Bureau of Reclamation Hydromet Tea Cup Reservoir Depictions:

- [Upper Colorado](#)
- [Pacific Northwest/Snake/Columbia](#)
- [Sevier River Water, Utah](#)
- [Upper Missouri, Kansas, Oklahoma, Texas](#)

[California Reservoir Conditions](#)

Wildfires: [USDA Forest Service Active Fire Mapping](#)



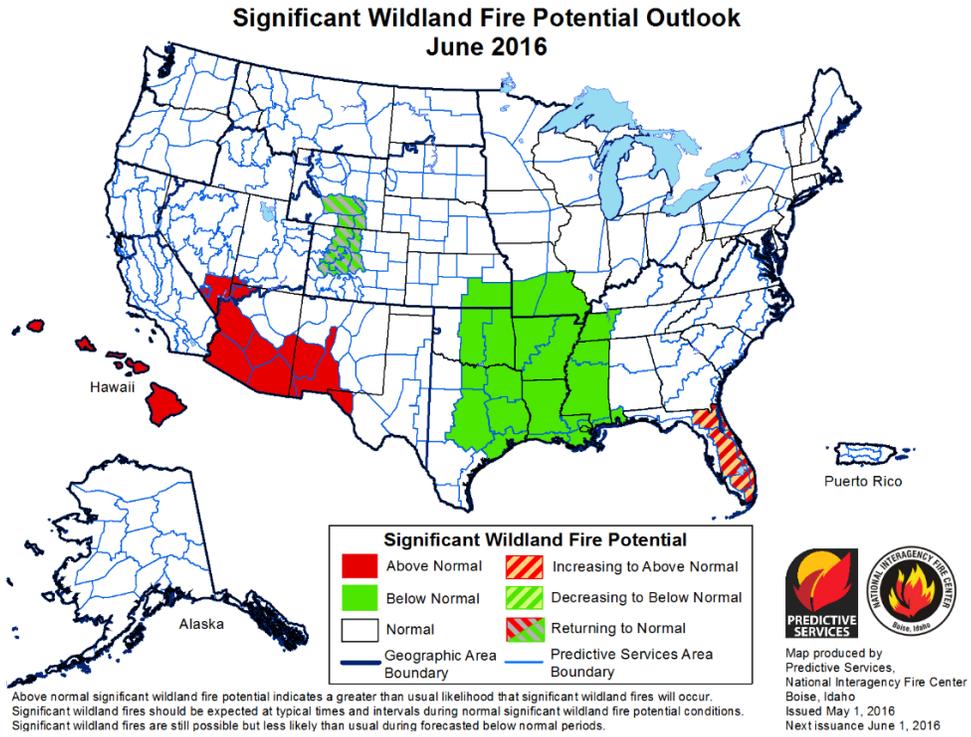
Short- and Long-Range Outlooks

Agricultural Weather Highlights

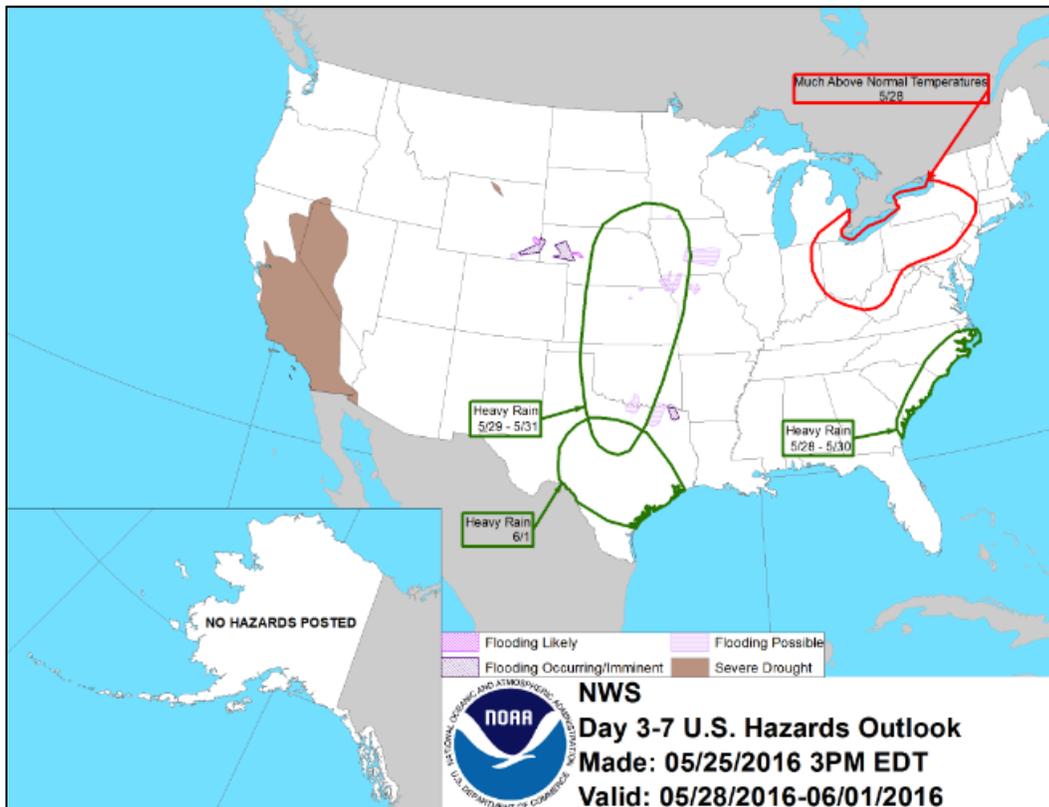
Author: Brad Rippey, Agricultural Meteorologist, USDA/OCE/WAOB

[National Outlook, May 26, 2016](#): “Daily showers and locally severe thunderstorms can be expected across portions of the Plains, Midwest, and mid-South through the Memorial Day weekend. As a result, 5-day rainfall totals should reach 2 to 4 inches or more from central and eastern Texas into the upper Mississippi Valley. Meanwhile, a disturbance northeast of the Bahamas could become a tropical depression or tropical storm during the holiday weekend, with possible impacts along the middle or southern Atlantic Coast. Regardless of development, locally heavy weekend showers can be expected to spread northward from Georgia or South Carolina across the Atlantic Coast States. Elsewhere, cool conditions will begin to ease across the West, with above-normal temperatures returning during the weekend across portions of the Pacific Coast States. The NWS 6- to 10-day outlook for May 31 – June 4 calls for the likelihood of near- to above-normal temperatures and rainfall across most of the country. Cooler-than-normal conditions should be limited to Texas and the southern Rockies, while drier-than-normal weather will be confined to the northern half of the western U.S.”

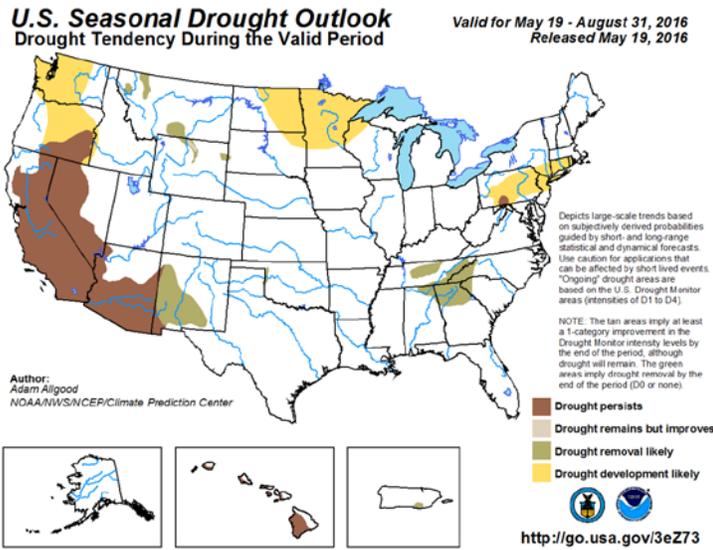
Fire Potential Outlook: [June 2016](#)



NWS Climate Prediction Center Weather Hazard Outlook: [May 28-June 1, 2016](#)

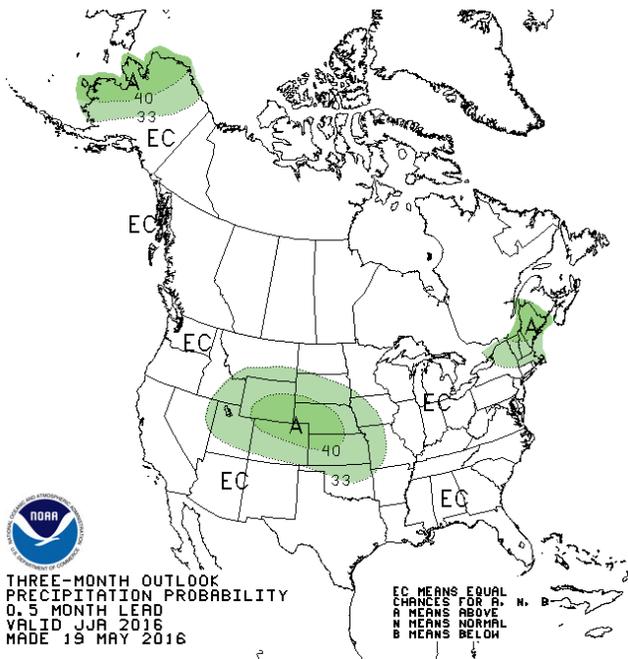


Seasonal Drought Outlook: [May 19 – August 31, 2016](#)

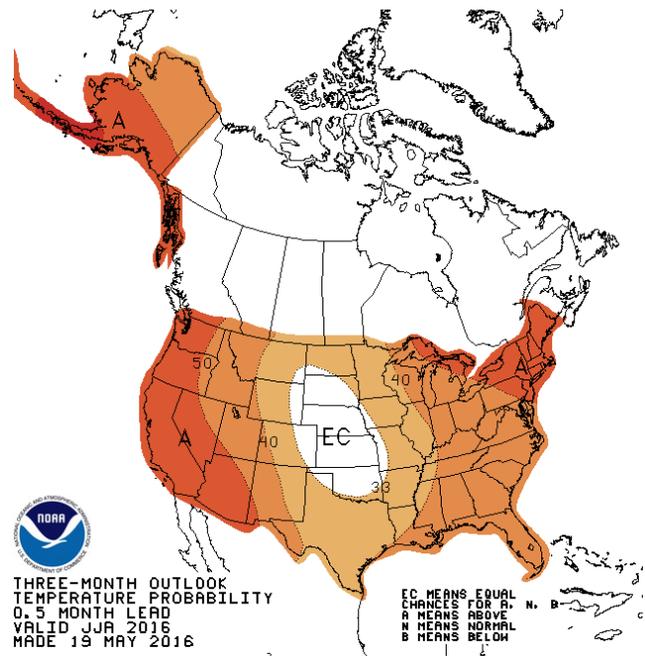


NWS Climate Prediction Center 3-Month Outlook

[Precipitation](#)



[Temperature](#)



[June-July-August \(JJA\) 2016 precipitation outlook summary](#)

[June-July-August \(JJA\) 2016 temperature outlook summary](#)

More Information

The NRCS [National Water and Climate Center](#) publishes this weekly report. We welcome your feedback. If you have questions or comments, please [contact us](#).