

# Oregon

## Water Conditions Report

July 12, 2017 (revised 7/14/2017)



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**While there are still some lingering areas of snow** in the uppermost elevations of the state, at present there are no SNOTEL data collection sites reporting any snow water equivalent.

**Statewide mountain precipitation for the water year remains well above normal in most locations.** As of July 12, statewide mountain precipitation for the water year (based upon SNOTEL data) is at 125 percent. In the past couple of weeks, mountain precipitation has been sparse even for early July (which is typically not much in total inches).

**With the exception of portions of Umatilla, Morrow and Gilliam counties, most of Oregon was warmer than normal for the month of June.** Over the next [8 to 14 days](#), the NOAA Climate Prediction Center is forecasting enhanced probabilities of above normal temperatures and below normal precipitation across most the state.

**The most recent three month outlook** continues to indicate a higher likelihood of above normal temperatures and an equal chance of above or below normal precipitation between now and September. The next [outlook](#) will be issued on July 20, 2017.

El Niño Southern Oscillation conditions are projected to remain neutral through fall of 2017. Sea surface temperatures in the equatorial Pacific are slightly warmer than normal, but atmospheric conditions currently do not reflect El Niño. The status will be monitored and changes will be made to the status if necessary by NOAA's Climate Prediction Center. For insight into this observation, refer to this [blog](#) on the June 2017 forecast.

Of the lower 48 states, Oregon and Washington are the only two with near-average temperatures through the first 6 months of the year, in part due to a cooler than normal winter and early spring.

**Statewide streamflows for the month of June were normal for this time of year.** Regionally during the month of June, streamflow conditions east of the Cascades were a little over 100 percent and a little below 100 percent on the west side. Statewide, monthly stream flows have been at or above normal since February.

As of late last week, streamflows were trending downward at 85 percent of normal. Of note, flows in the Umatilla and Sandy Coast Basins are even lower at 45 and 70 percent of normal, respectively. Short term weather outlooks indicate that this (downward) trend should continue statewide.

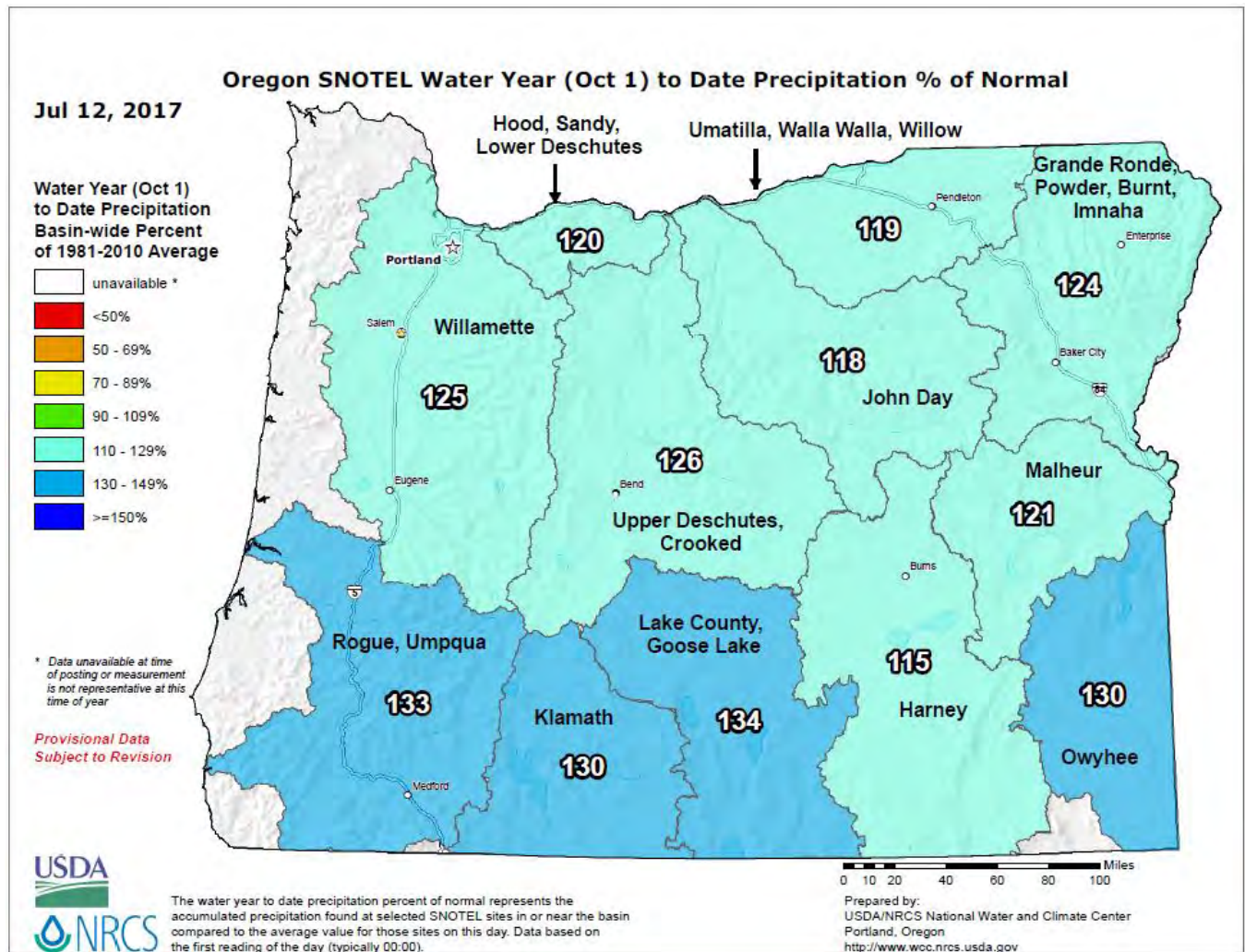
**Most of the state’s water supply reservoirs are at normal to above normal levels for this time of year.** [Willamette](#) and [Rogue](#) project reservoirs remain on track for a good summer season. [Hills Creek Reservoir](#) in the Willamette Basin is being held to lower than normal levels for maintenance projects. Minimum streamflow targets are projected to be met for the rest of the season. [Central Oregon](#) reservoirs are between 60 and 90 percent of capacity. Most [Eastern Oregon](#) reservoirs are now releasing stored water for the summer supply season. For the most recent near real-time, site-specific reservoir conditions (teacup diagrams) visit the [USBR](#) or [USACE](#) websites.

**No change in drought status in the past several weeks.** However, due to recent hot and dry conditions there is the possibility of a status change in the next few weeks. The most recent report from the [US Drought Monitor](#) indicates that Oregon (and the entire Northwest) is no longer listed in any drought category. The last time this condition was observed was in 2011.

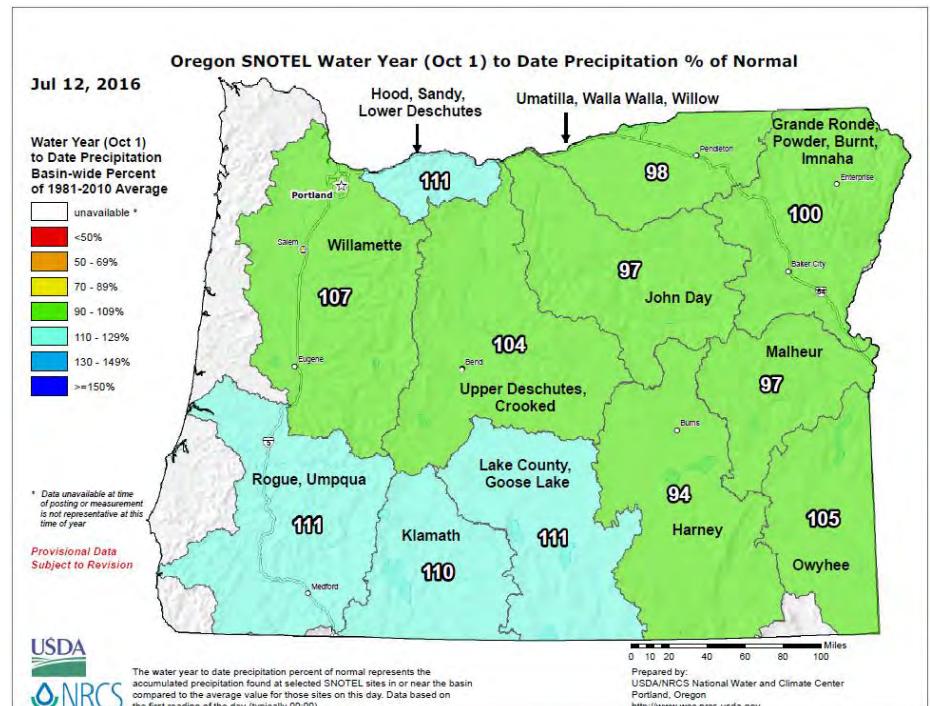
**All Oregon Department of Forestry fire protection districts are now in fire season.** Refer to the [ODF Wildfire Blog](#) for the latest updates. Another useful resource is the ODF Significant Fire Potential [map](#) of Oregon.

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## Precipitation (mountain) - Percent of Normal



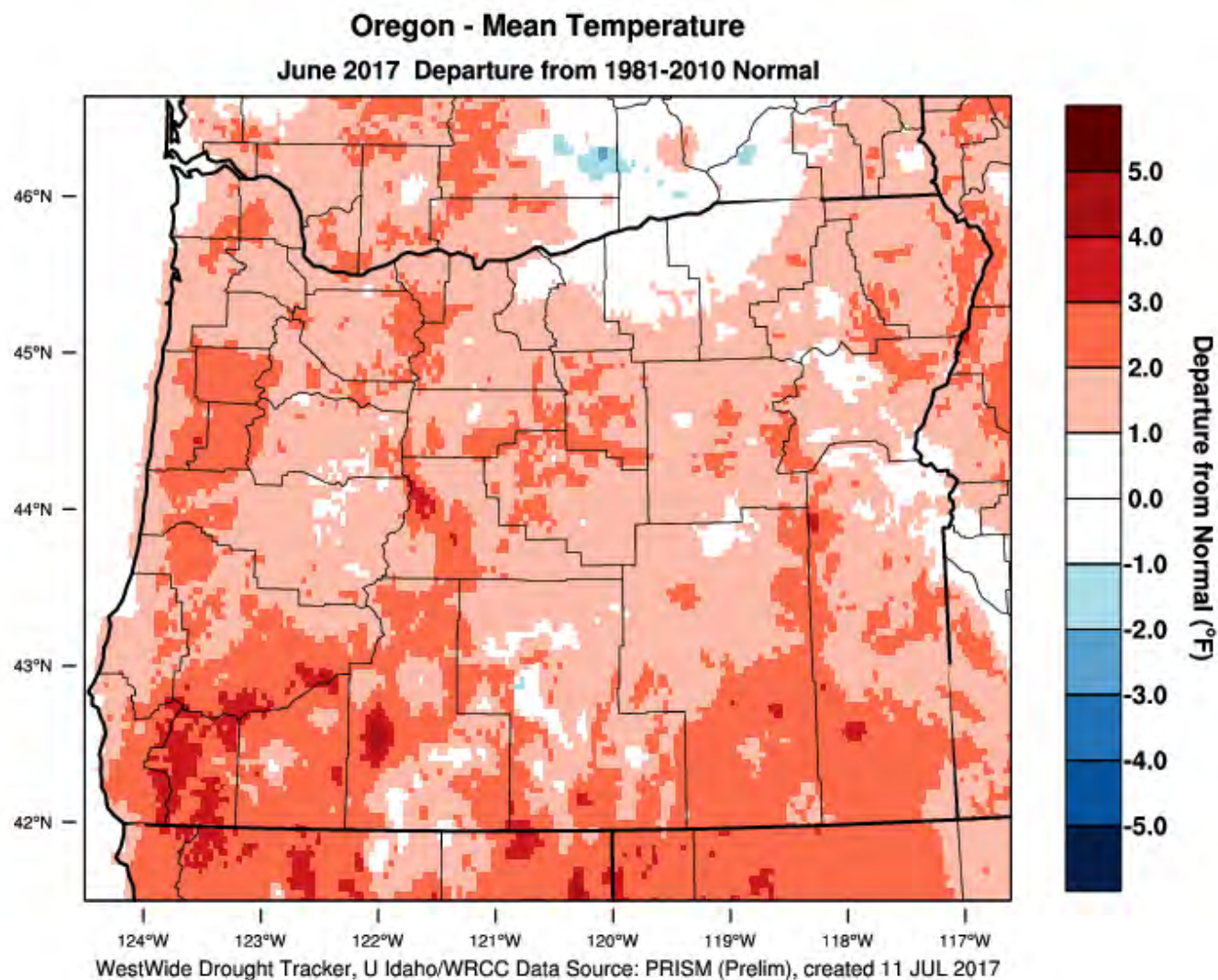
Compared to this time  
last year -





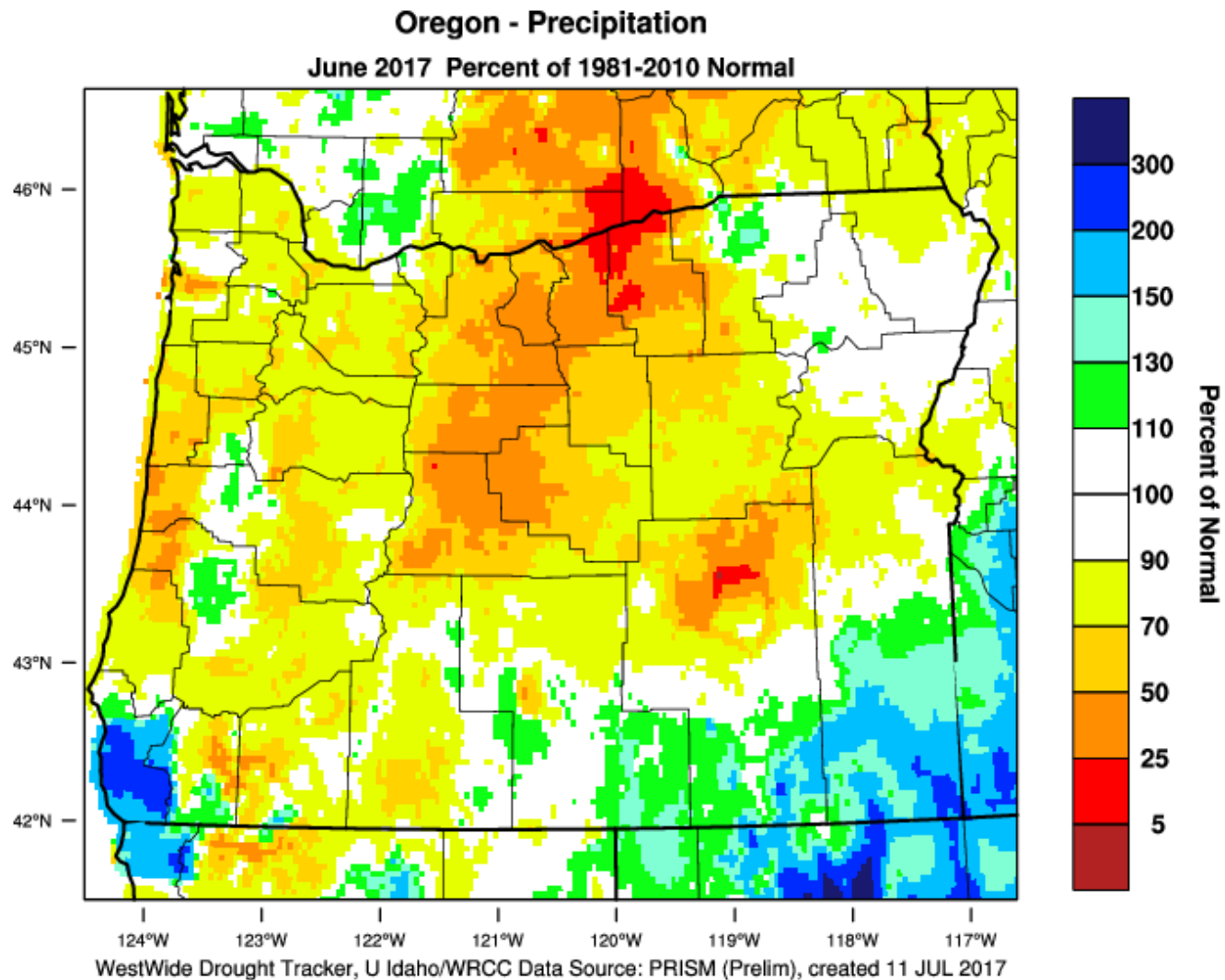
## Temperature – (1 Month) Departure from Normal

Website: <http://www.wrcc.dri.edu/wwdt/index.php?folder=mdn1>



## Precipitation – (1 Month) Percent of Normal

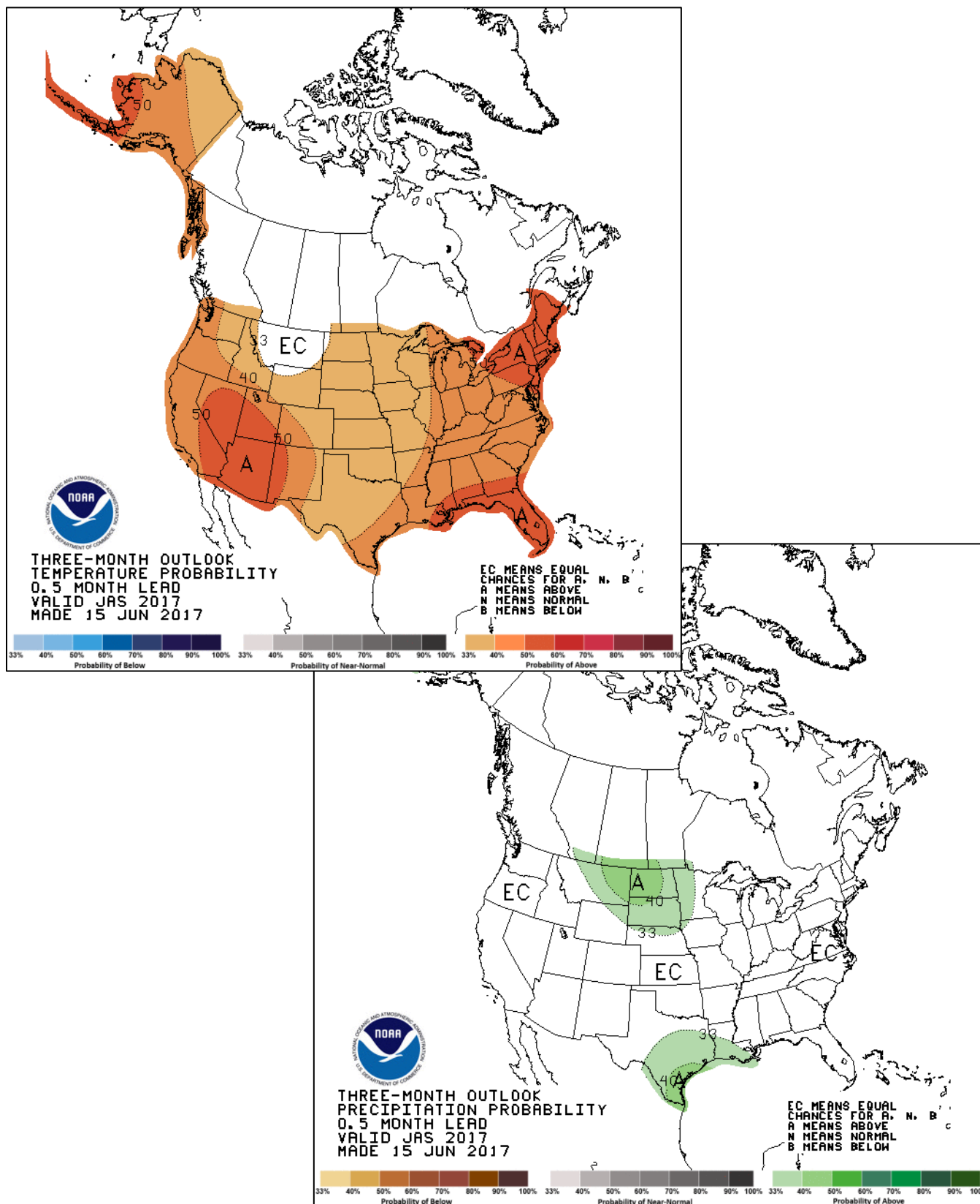
Website: <http://www.wrcc.dri.edu/wwdt/index.php?folder=pon1>



## Three Month Temperature and Precipitation Outlook

July-August-September – Follow link for the latest information.

Website: [http://www.cpc.ncep.noaa.gov/products/predictions/long\\_range/seasonal.php?lead=1](http://www.cpc.ncep.noaa.gov/products/predictions/long_range/seasonal.php?lead=1)



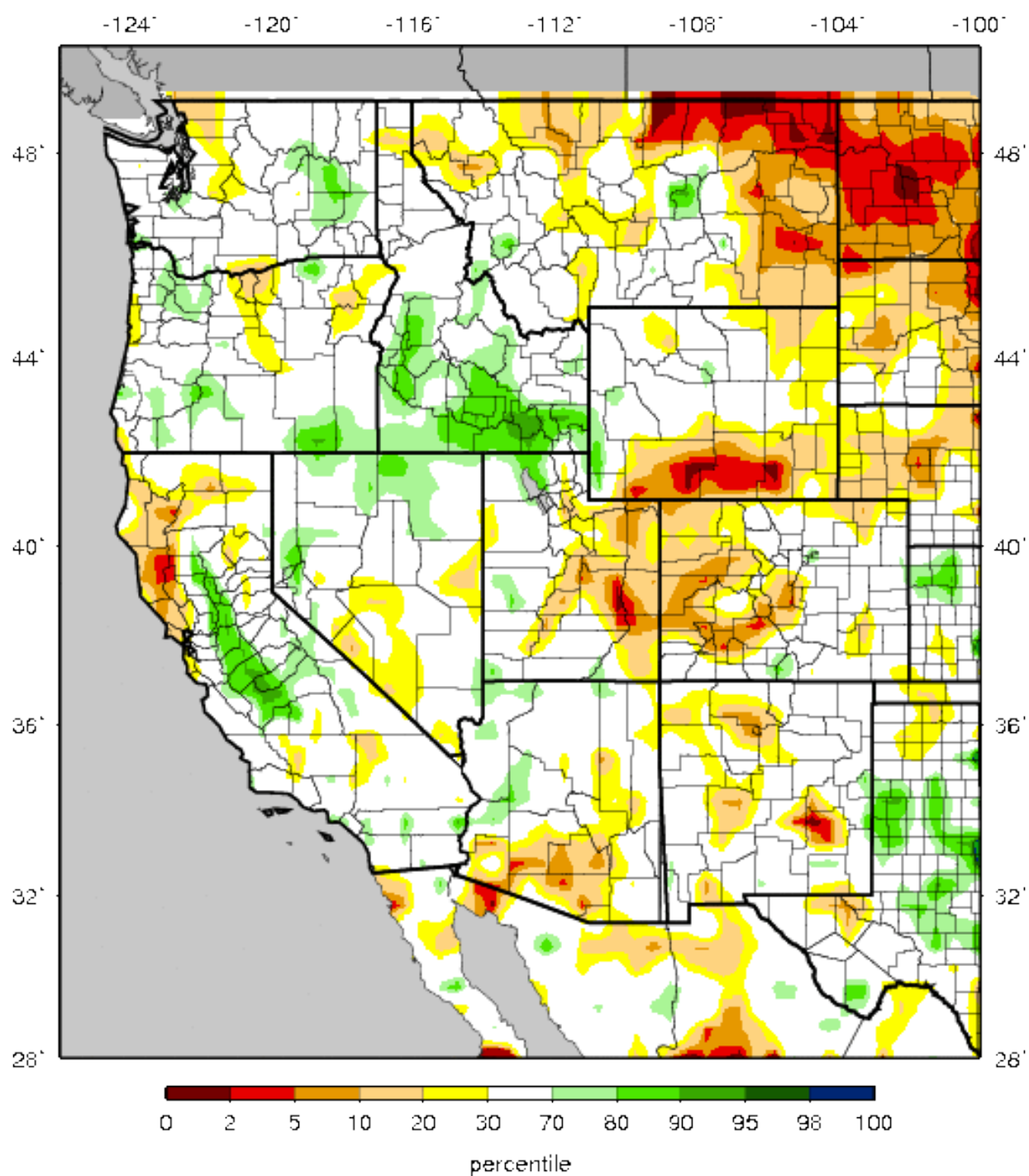
## Soil Moisture - Percentile

Website:

[http://www.hydro.washington.edu/forecast/monitor/curr/conus.mexico/west.vic.sm\\_qnt.gif](http://www.hydro.washington.edu/forecast/monitor/curr/conus.mexico/west.vic.sm_qnt.gif)

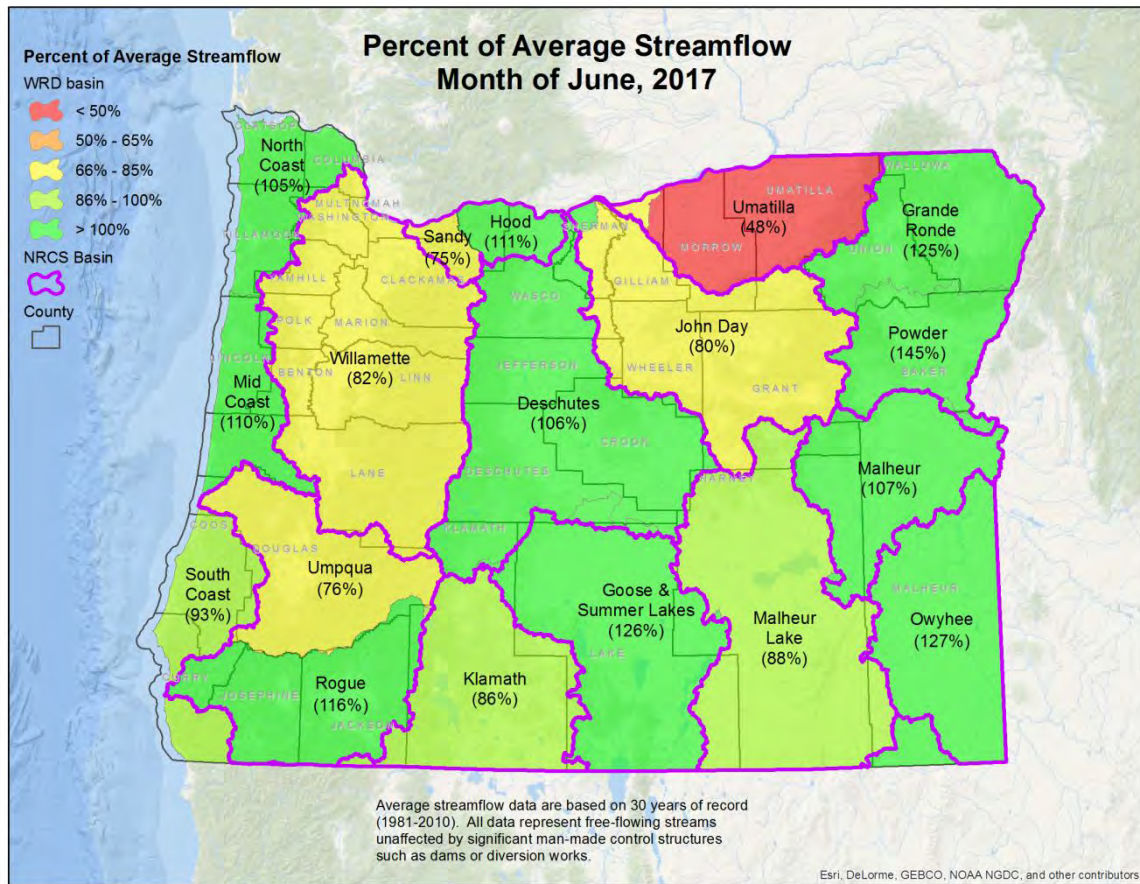
VIC Soil Moisture Percentiles (wrt/ 1916-2004)

Western United States - 20170710

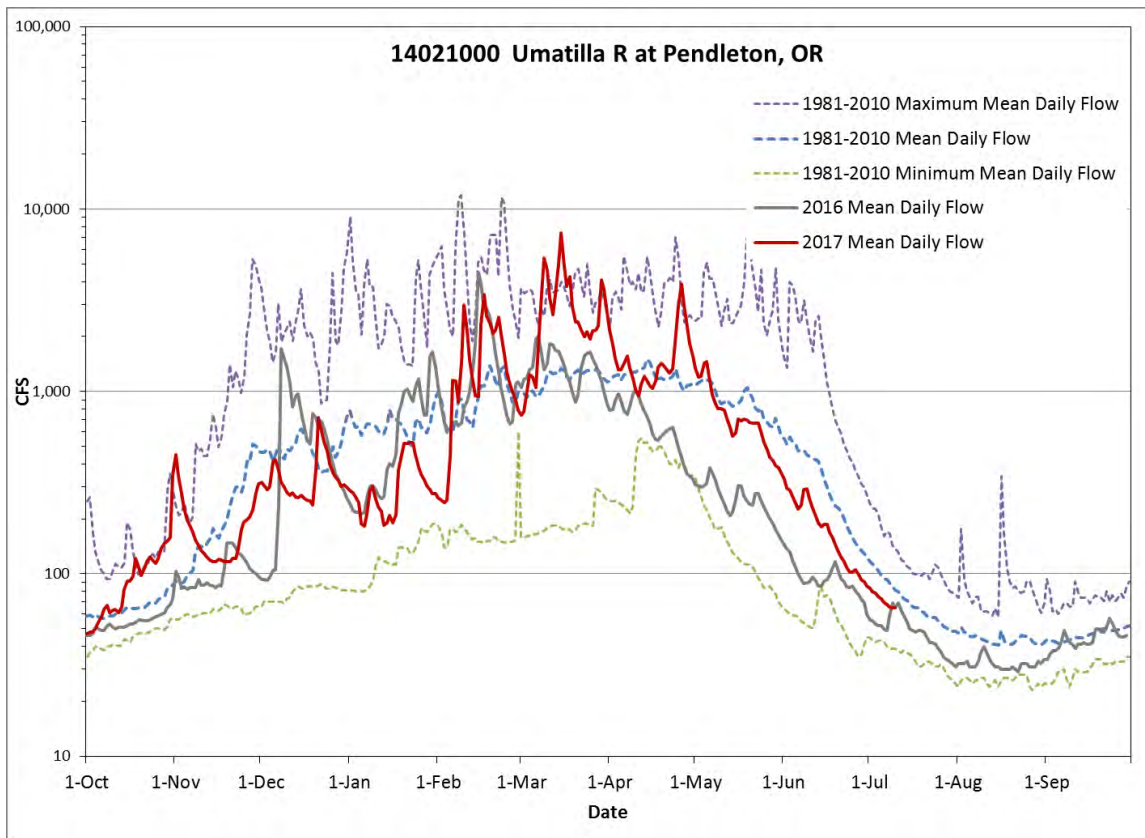




## Regional Streamflow Conditions - June

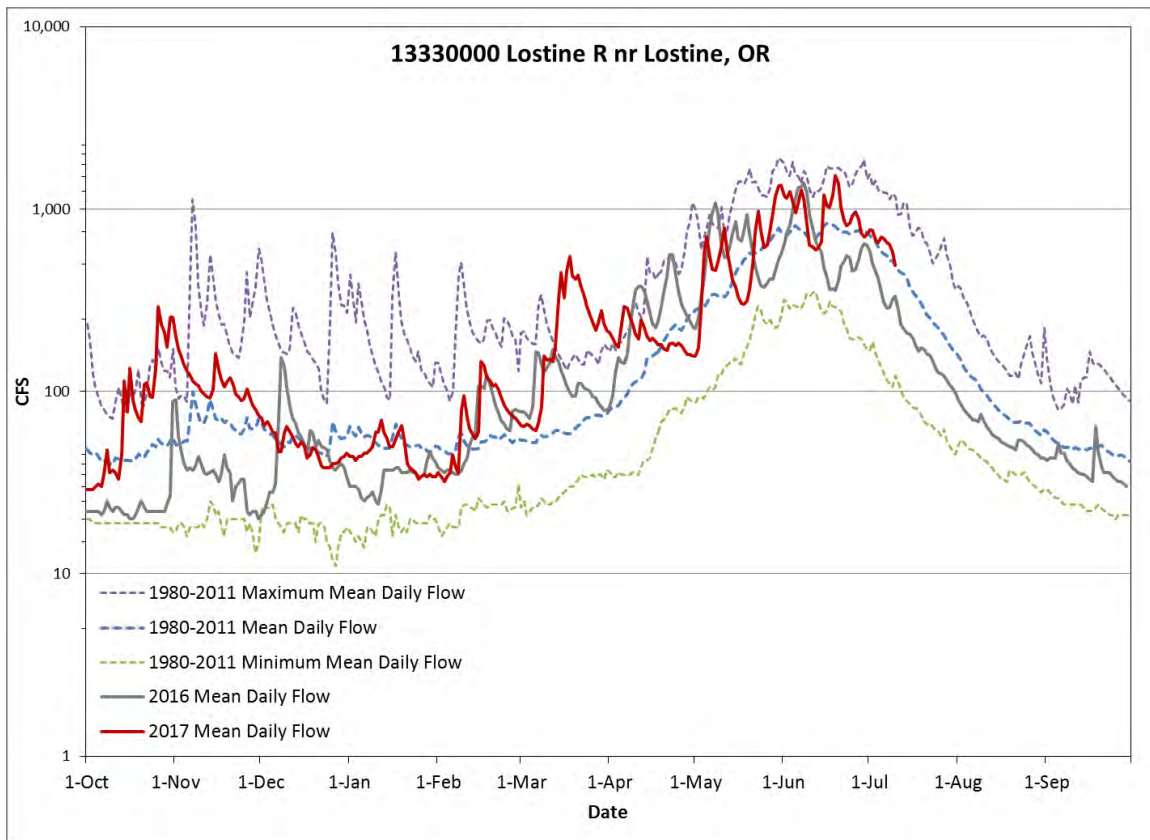


## Streamflow Example – North Central Oregon (Umatilla)

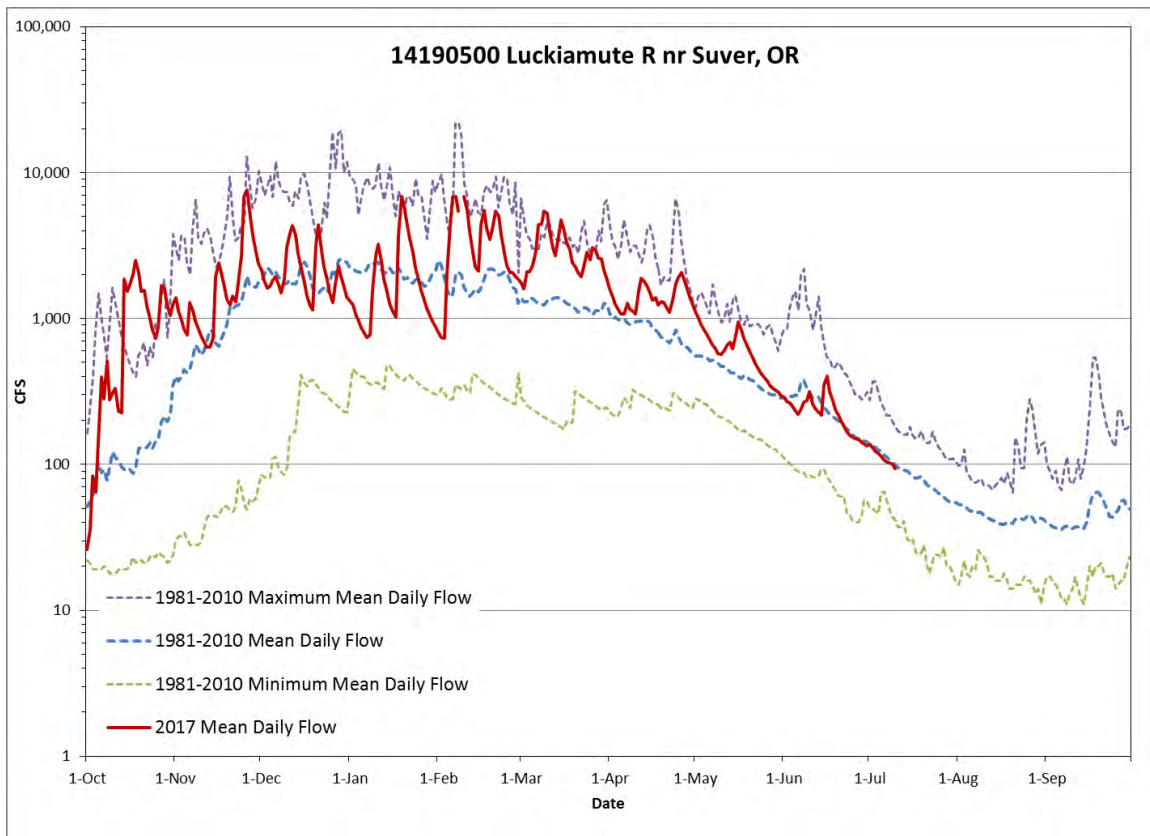




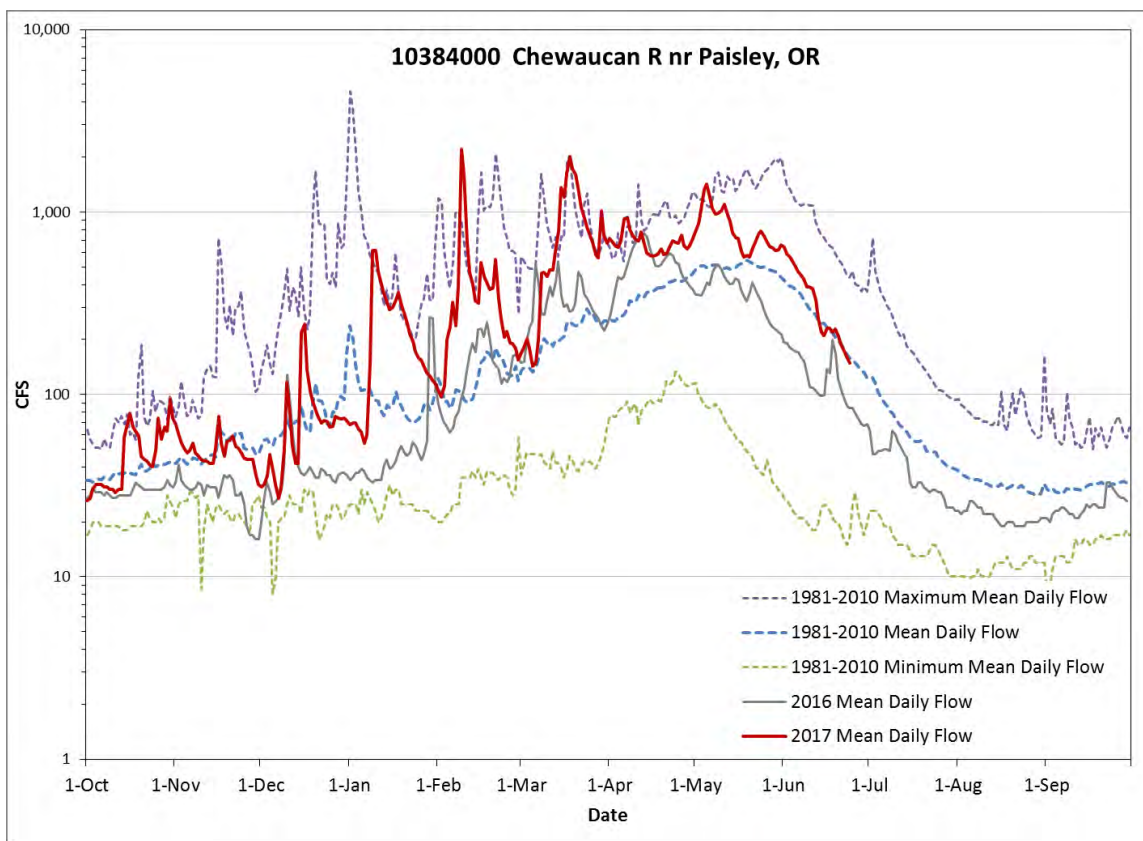
## Streamflow Example – Eastern Oregon (Grande Ronde)



## Streamflow Example – Western Oregon (Willamette)



## Streamflow Example – South Central Oregon (Goose & Summer Lake)



## Regional Reservoir Storage Conditions - June

