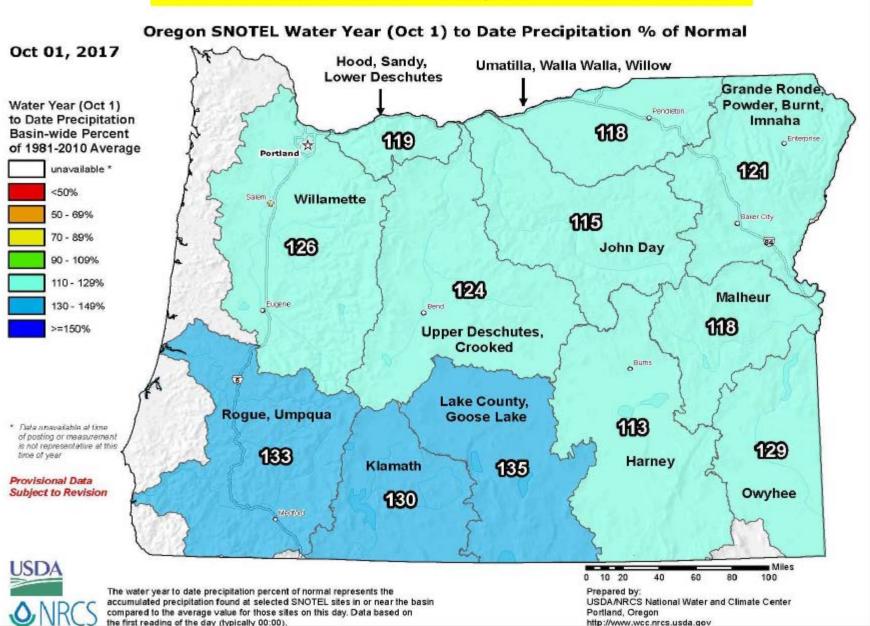


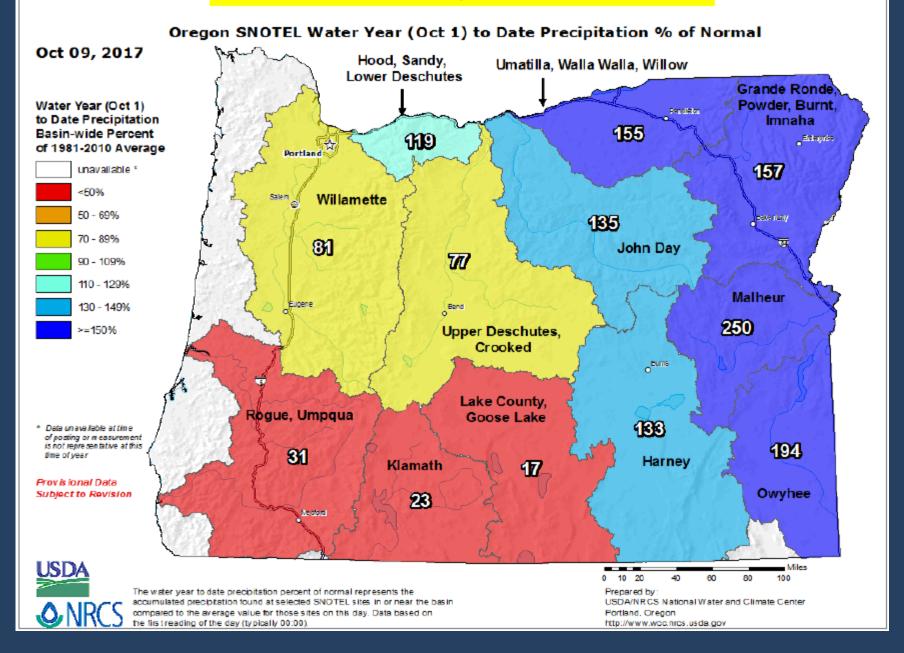
WATER YEAR 2017 SUMMARY

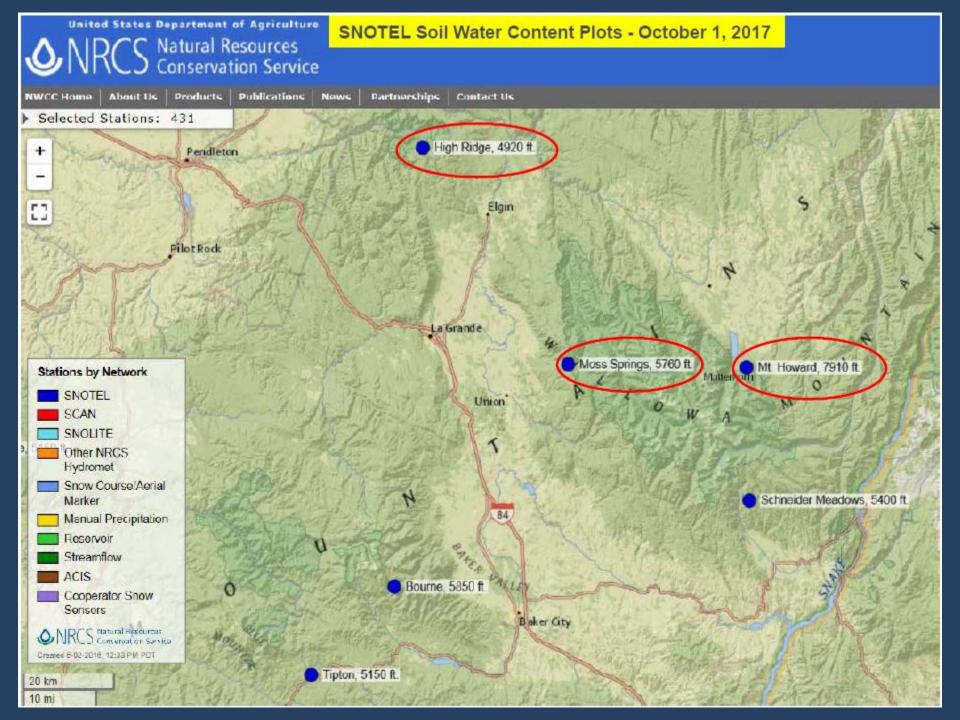
- Record setting October precipitation set the tone for wet weather that continued through early June
- 2. Snowy & cold December January brought unusual low elevation snow and above normal snow amounts to the mountains
- 3. Mid-winter (Feb and March) heavy rain events brought rounds of flooding throughout the state and significant snowmelt. Due to the snowpack surplus, the snowpack was sustained at normal levels even after these losses
- 4. December through April brought 5 consecutive months of above average precipitation
- 5. Normal to above normal snowpack was maintained through the peak of the season (mid March to early April)
- 6. Most major irrigation reservoirs began the water supply season with average and above amounts of water
- 7. As forecast, most rivers experienced above average streamflow volumes from April July (largely due to the above normal streamflow contribution during April and May
- 8. July and August were hot and dry, placing high demands for water usage with decreased streamflows statewide

WY2017 Statewide SNOTEL Precipitation - 124% of normal



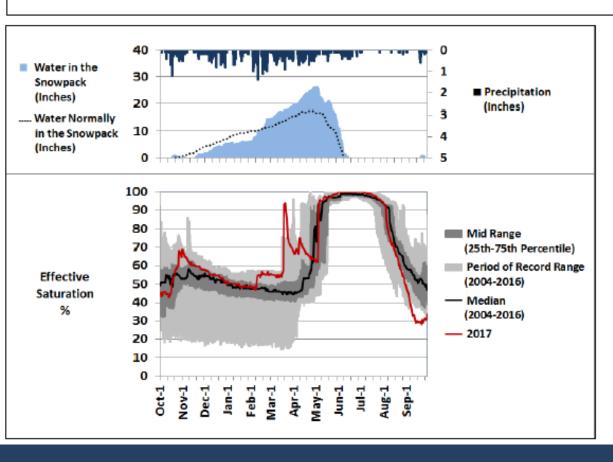
Statewide SNOTEL Precipitation is 92% of normal





Mt Howard, 7910' elevation

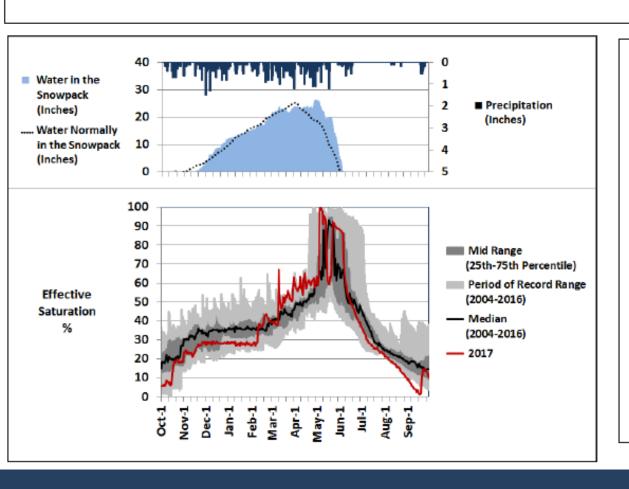
As of Oct 1st, the soil moisture is 34% effectively saturated, when normally it is 47%.



Site Characteristics: Mt. Howard SNOTEL site sits on soils formed in volcanic ash over colluvium from argillite. The soil series is Angelpeak which consists of deep and very deep, well drained soils on mountains. The site has a slope of 10 percent. Mean annual precipitation is approximately 44 inches, with roughly 45% falling as snow. Vegetation is subalpine fir, lodgepole pine and western larch with an understory of elk sedge and grouse blueberry. Soil moisture probes have been installed here since 2004, at depths of 2, 4, 8 and 40 inches. The silt equation is currently being applied to all probes.

Moss Springs, 5760' elevation

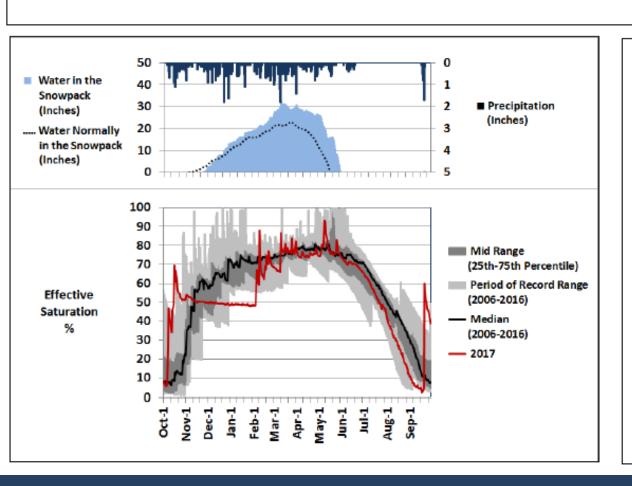
As of Oct 1st, the soil moisture is 10% effectively saturated, when normally it is 14%.



Site Characteristics: Moss Springs SNOTEL site sits on volcanic soils formed from ash over igneous-basalt. The soil series is Mountemily, which consists of very deep, well drained soils on ridgetops, side slopes and shoulders of mountains. The site has a slope of 10 percent. Mean annual precipitation is approximately 51 inches, with roughly 50% falling as snow. Vegetation is lodgepole pine, subalpine fir, western larch, Engleman spruce, huckleberry, twinflower, Oregon boxwood, prince's pine, sidebells pyrola, herbaceous plants, grasses and sedges. Soil moisture probes have been installed here since 2004, at depths of 2, 4, 20 and 40 inches. The silt equation is currently being applied to all probes.

High Ridge, 4920' elevation

As of Oct 1st, the soil moisture is 39% effectively saturated when normally it is 7.6%.

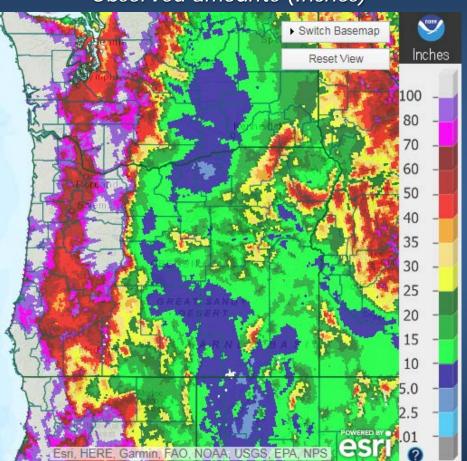


Site Characteristics: High Ridge SNOTEL site sits on volcanic soils formed from colluvium derived from ash over colluvium derived from rock. The soil series is Tamara, consisting of very deep, well drained soils formed in a mantle of ash overlying material derived from a mixture of loess and colluvium and residuum from basalt. The site has a slope of 10 percent. Mean annual precipitation is approximately 50 inches, with roughly 47% falling as snow. Vegetation is grand fir, spruce, Douglas fir, western larch, ponderosa pine, lodgepole pine, twinflower, big huckleberry, herbaceous plants, grasses and sedges. Soil moisture probes have been installed here since 2006, at depths of 4, 8 and 20 inches. The silt equation is currently being applied to all probes.



Water Year 2017 Precipitation





% of Average

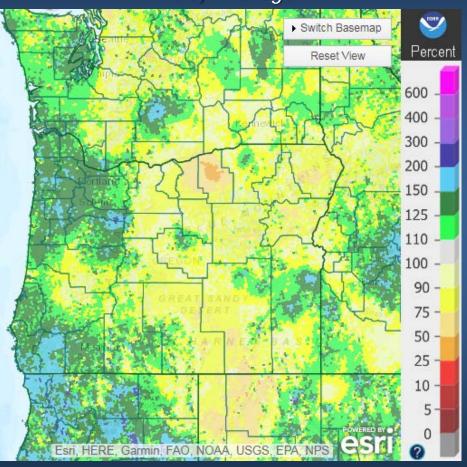


Image sources: water.weather.gov/precip/index.php



September Precipitation

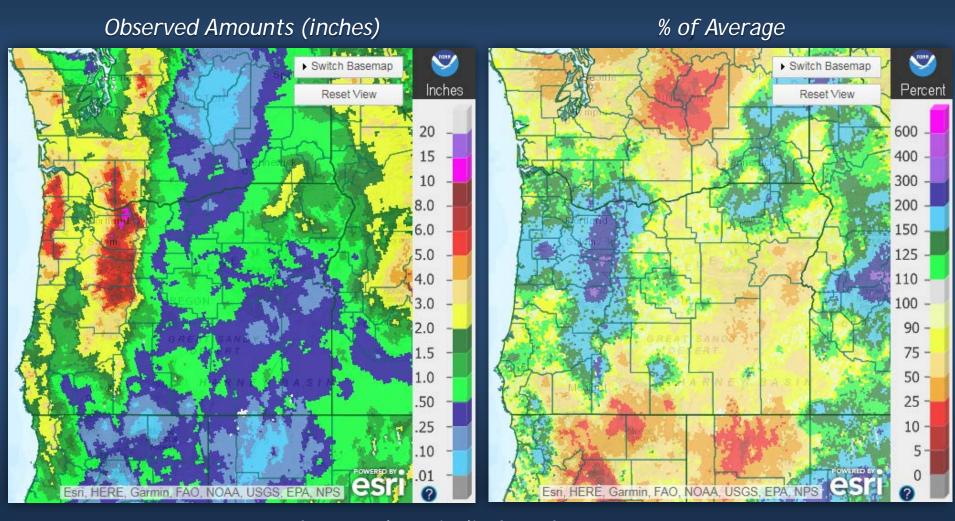
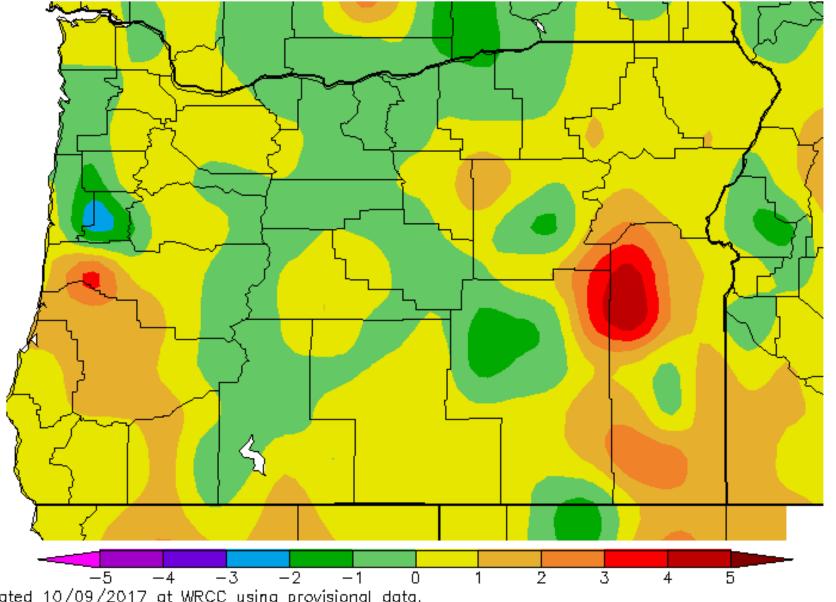


Image sources: water.weather.gov/precip/index.php

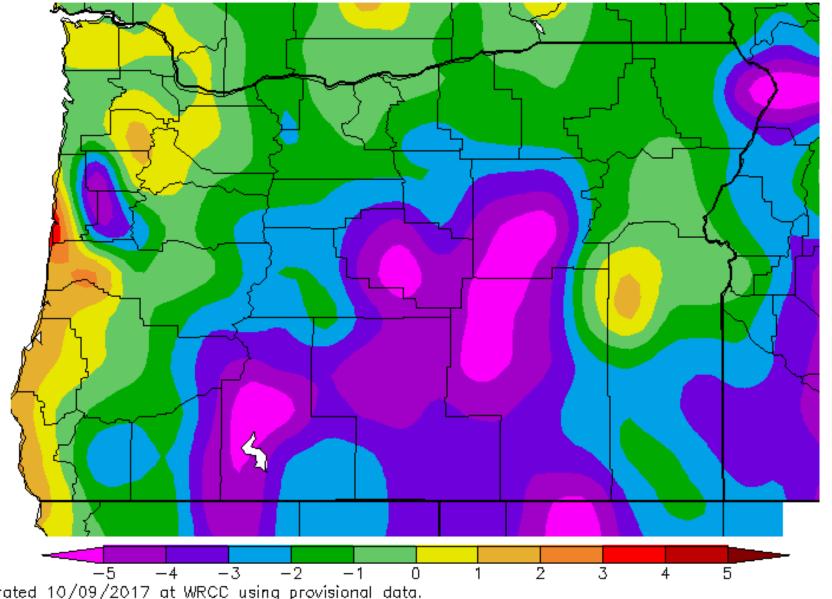
Ave. Temperature dep from Ave (deg F) 10/9/2016 - 10/8/2017



Generated 10/09/2017 at WRCC using provisional data.

NOAA Regional Climate Centers

Ave. Temperature dep from Ave (deg F) 9/9/2017 - 10/8/2017

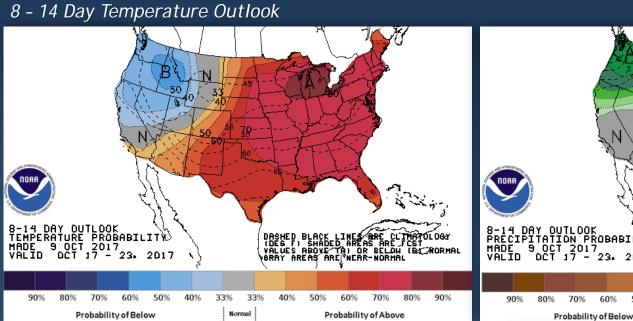


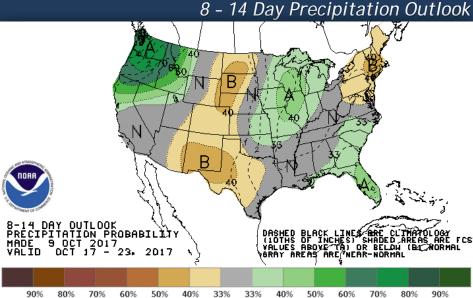
Generated 10/09/2017 at WRCC using provisional data.

NOAA Regional Climate Centers

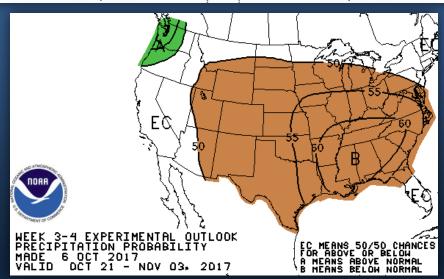


October Outlook





Potential for above-average precipitation mid and late October, with indication of atmospheric river event; details tbd

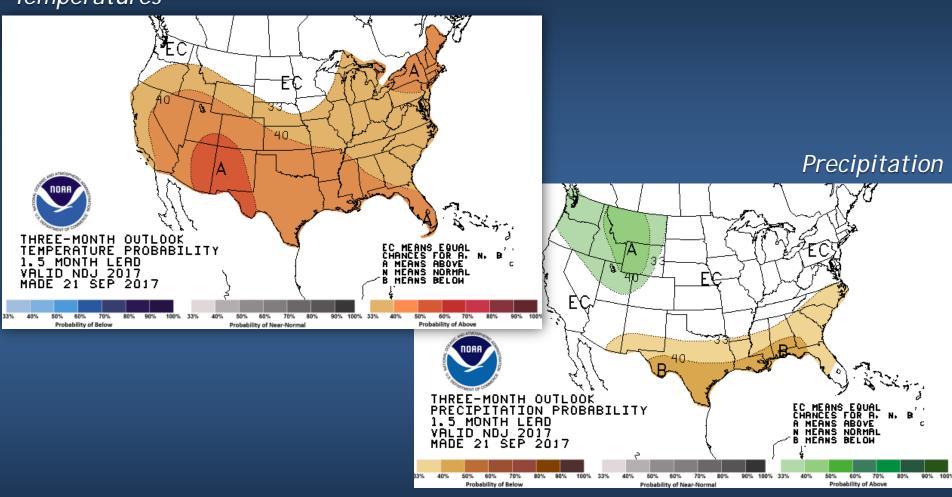


Probability of Above

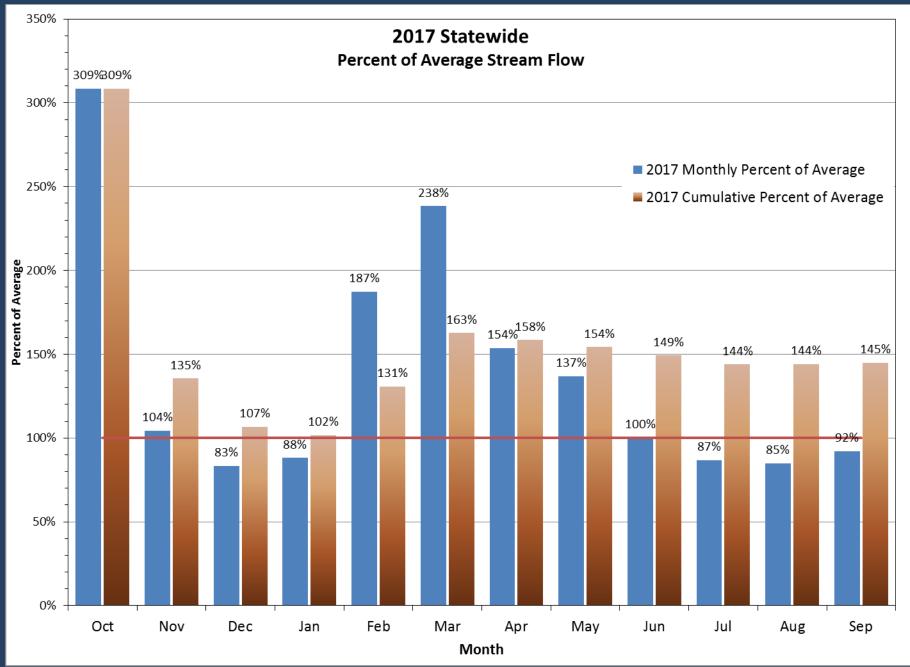


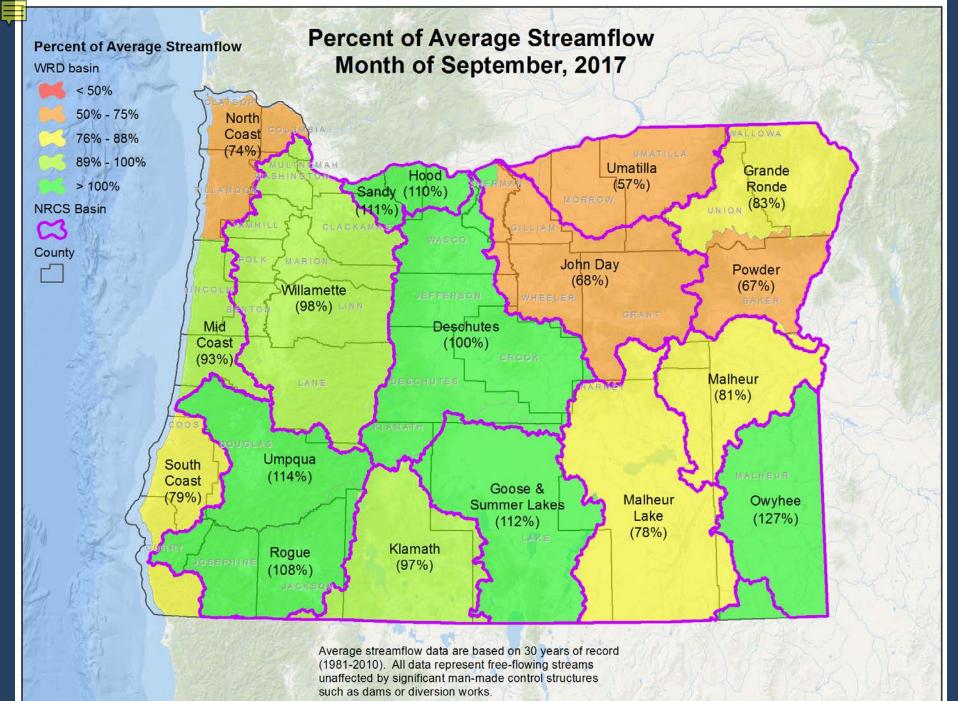
Outlook for November-December-January

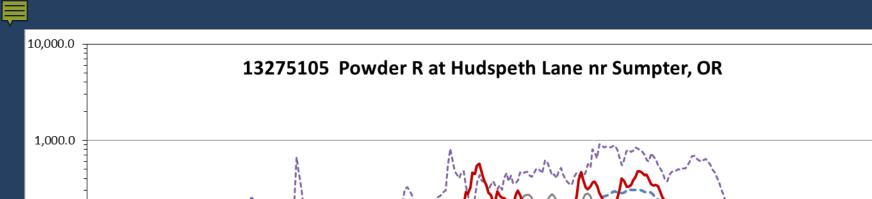
Temperatures

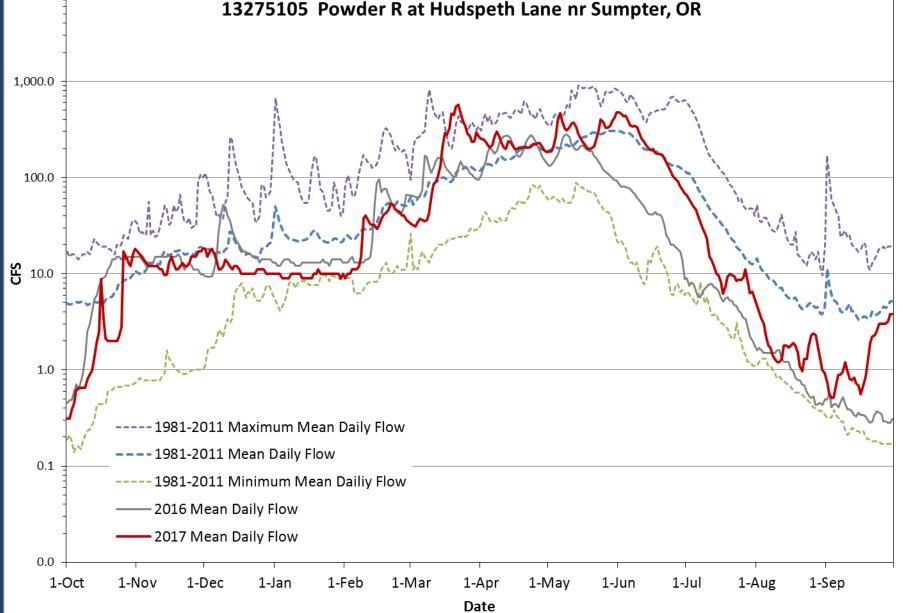


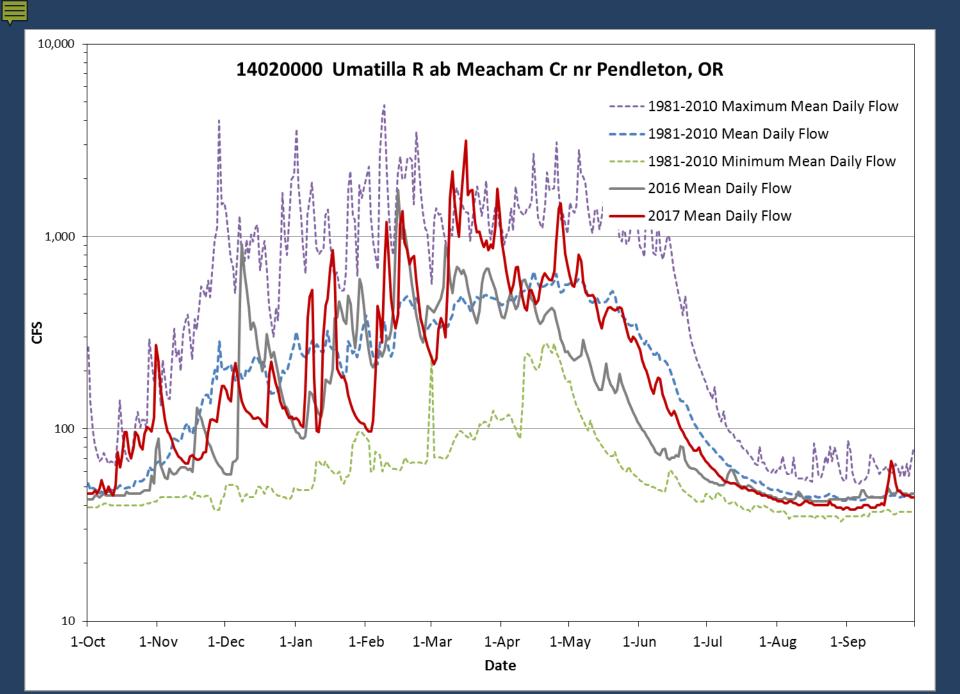




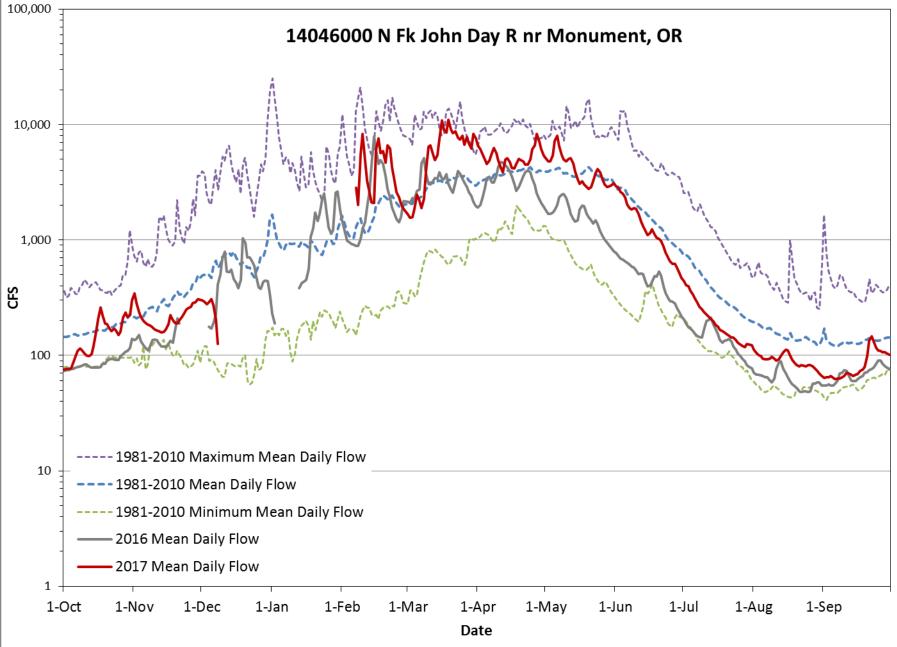








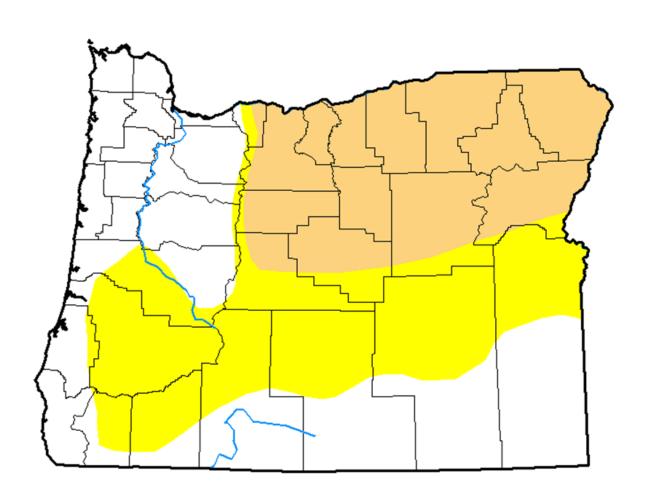




U.S. Drought Monitor Oregon

October 3, 2017

(Released Thursday, Oct. 5, 2017) Valid 8 a.m. EDT



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:

Anthony Artusa NOAA/NWS/NCEP/CPC

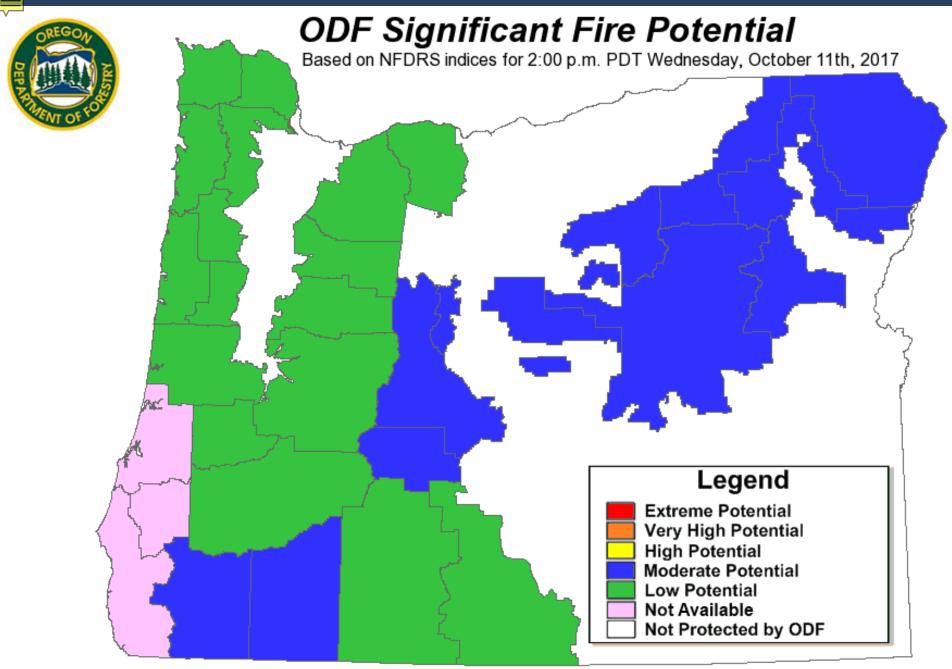








http://droughtmonitor.unl.edu/



Updated: 8:33 a.m. PDT Thursday, October 12th, 2017 (map does not display or represent Fire Danger or Regulated Use Restrictions).

Thank You