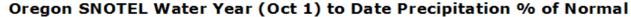
September 13, 2018 Drought Readiness Council Meeting Materials

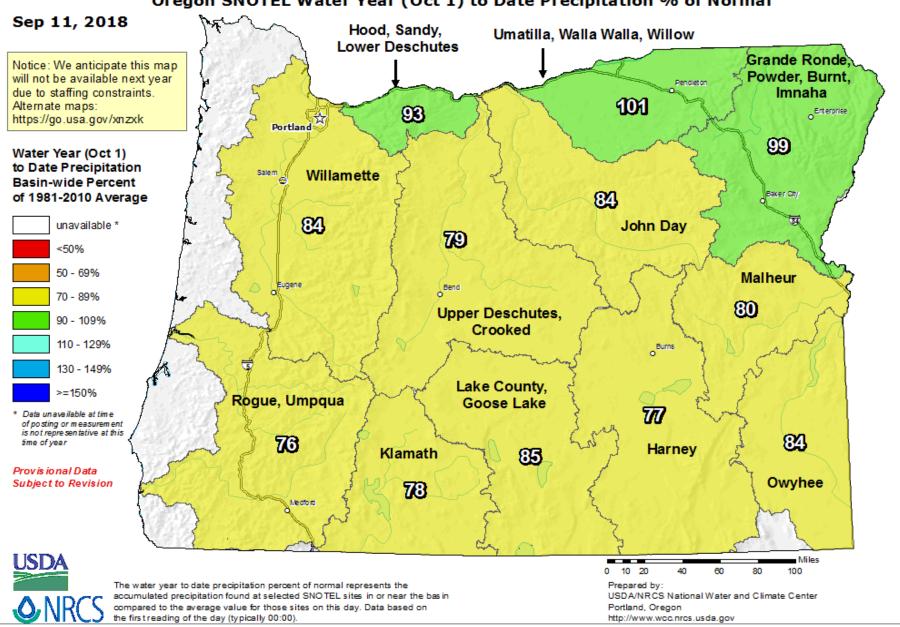
# Water Supply Conditions Report Drought Readiness Council

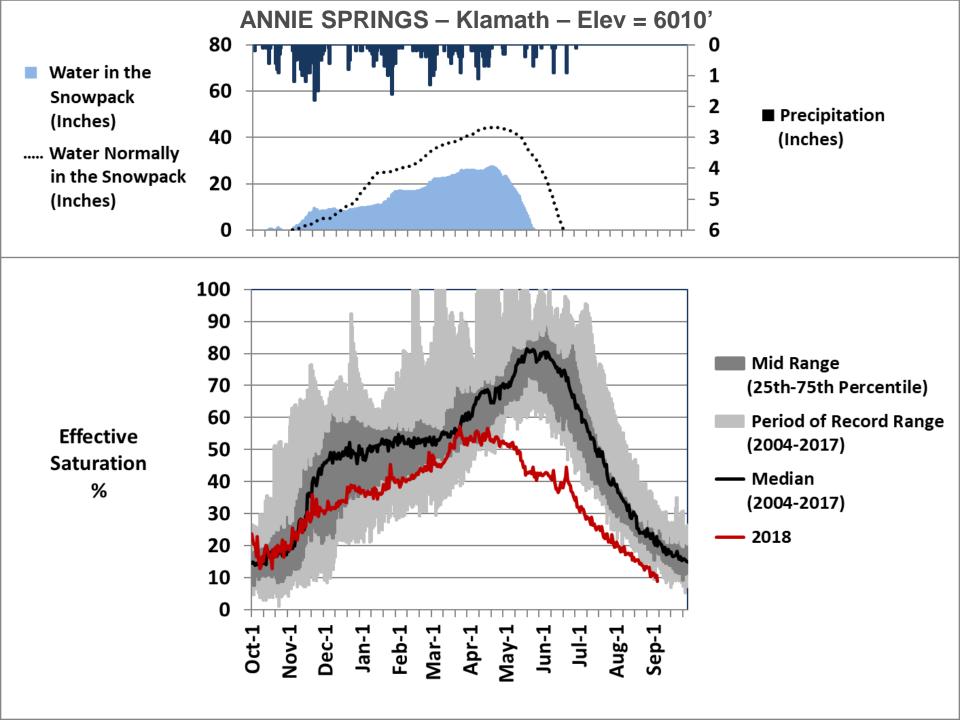


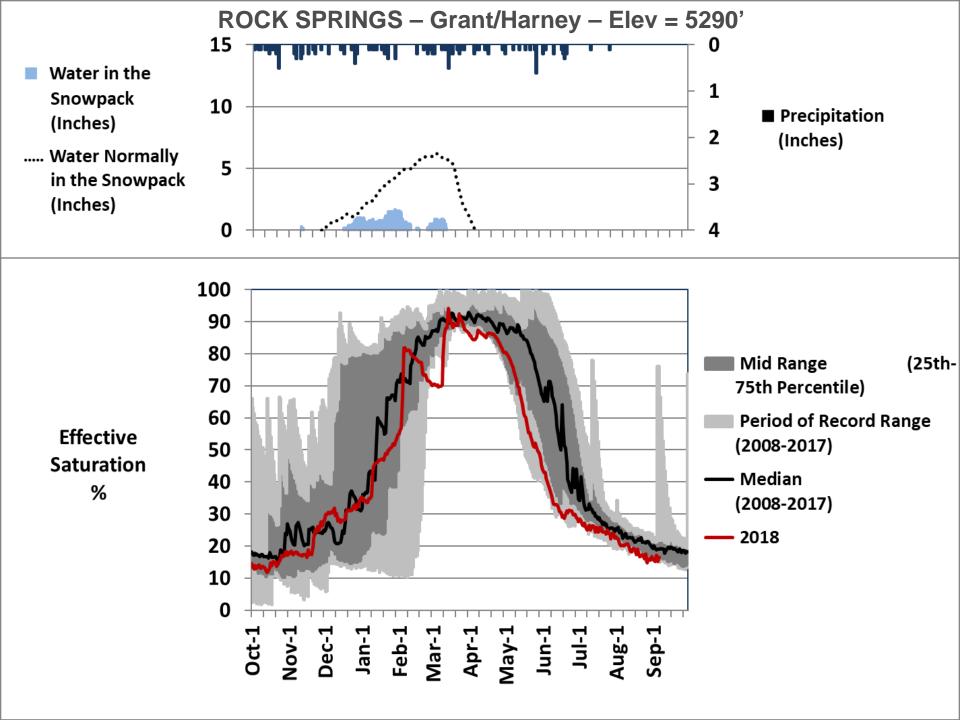


#### **Statewide SNOTEL Precipitation is 85% of normal**



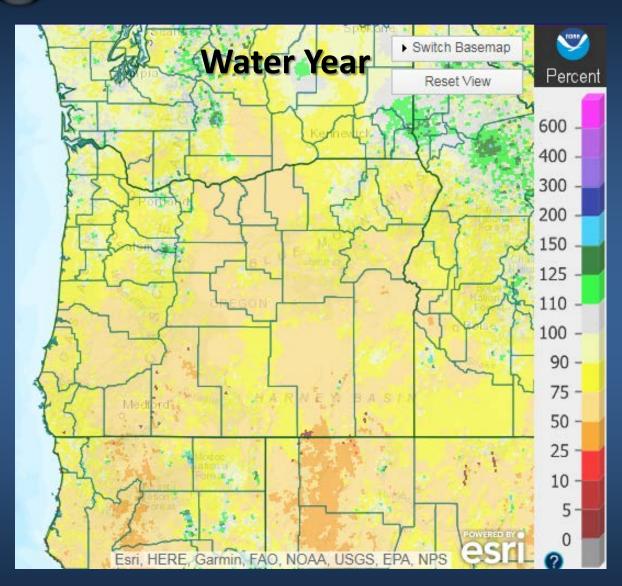








Precipitation % of Average



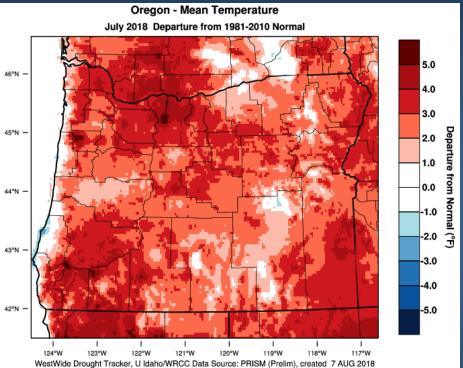
Precipitation Data as of Sept 10th, 2018

Past 30 Days Past 90 Days

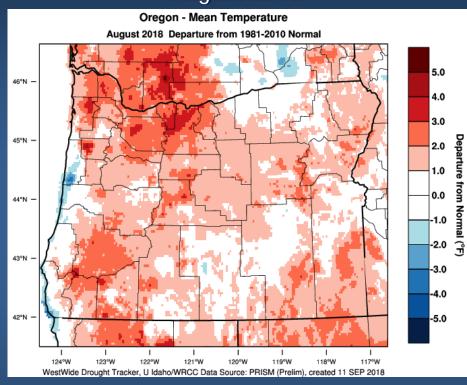


# Recent Temperatures



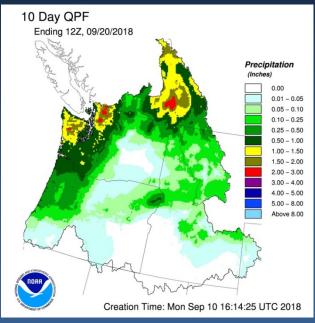


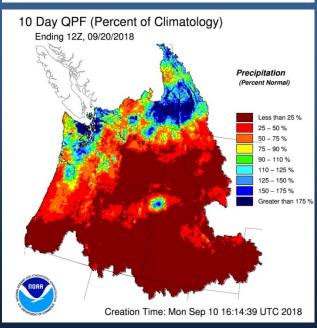
#### August 2018

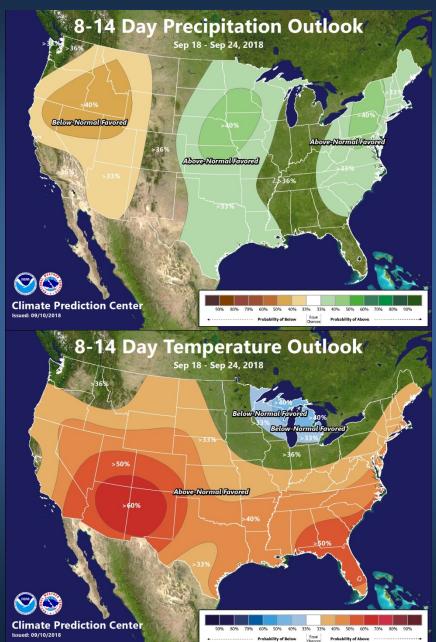




# Mid/Late-September Outlook

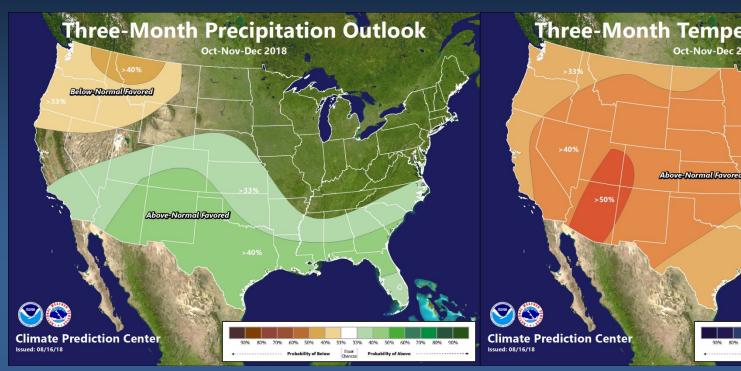


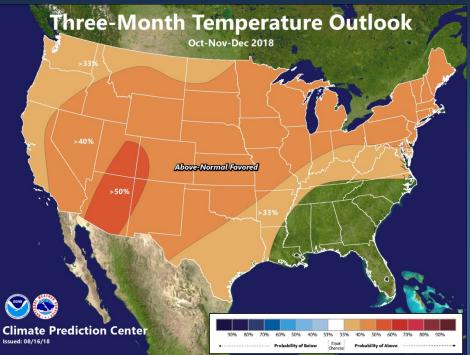




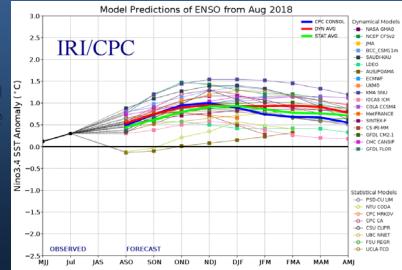


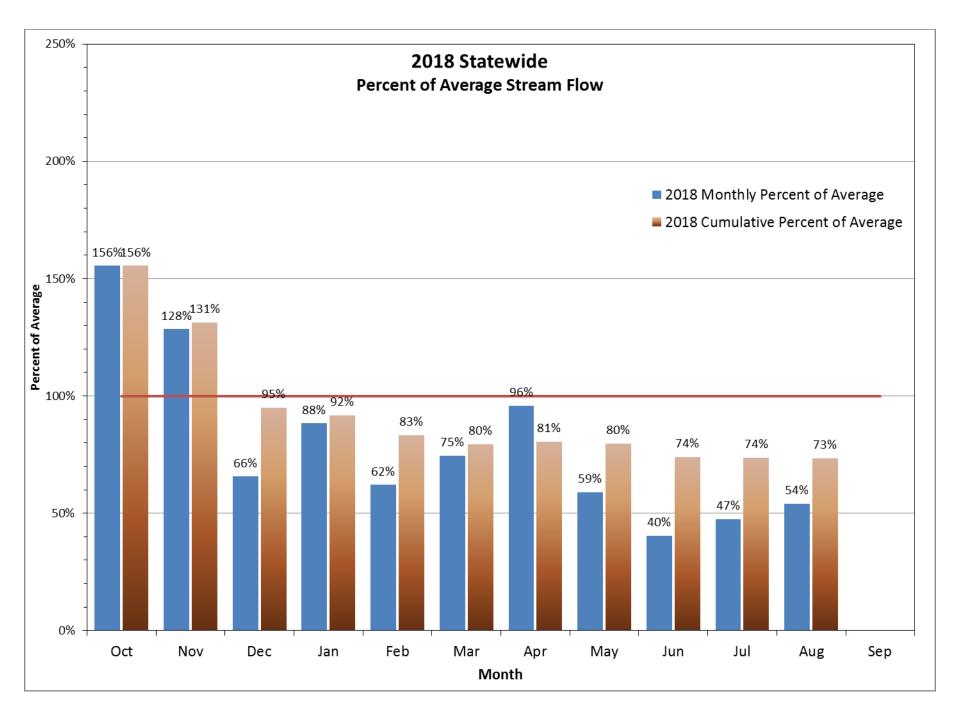
### Outlook for October-November-December 2018



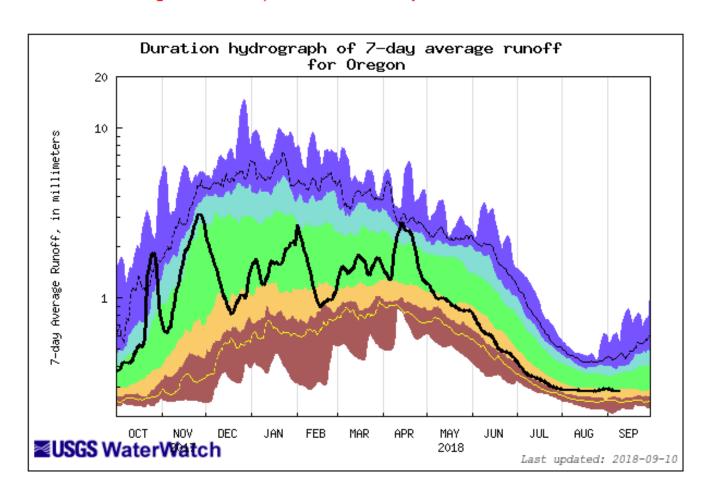


**ENSO** Prediction based on consensus of model guidance



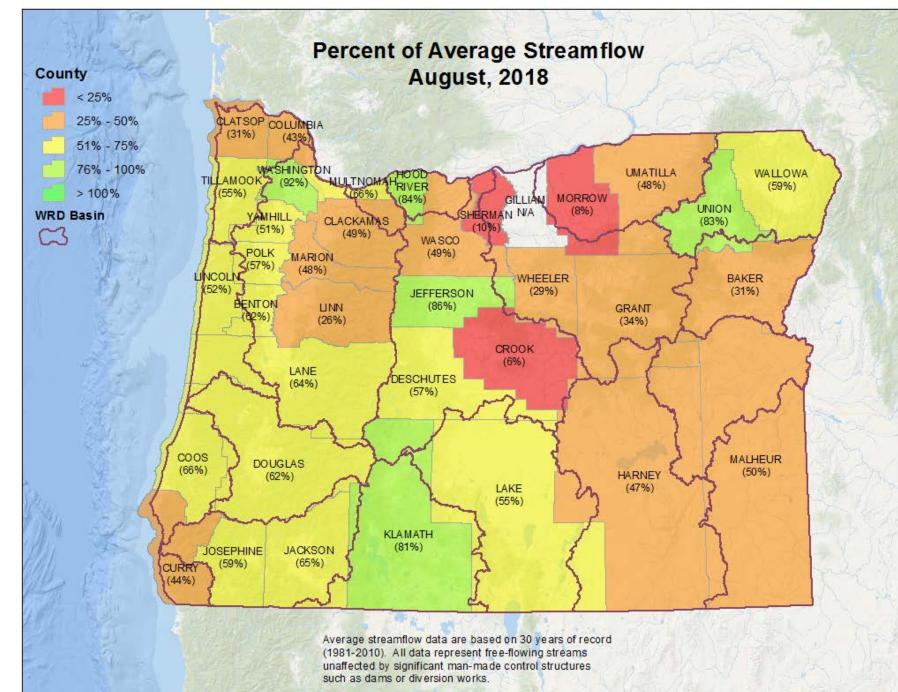


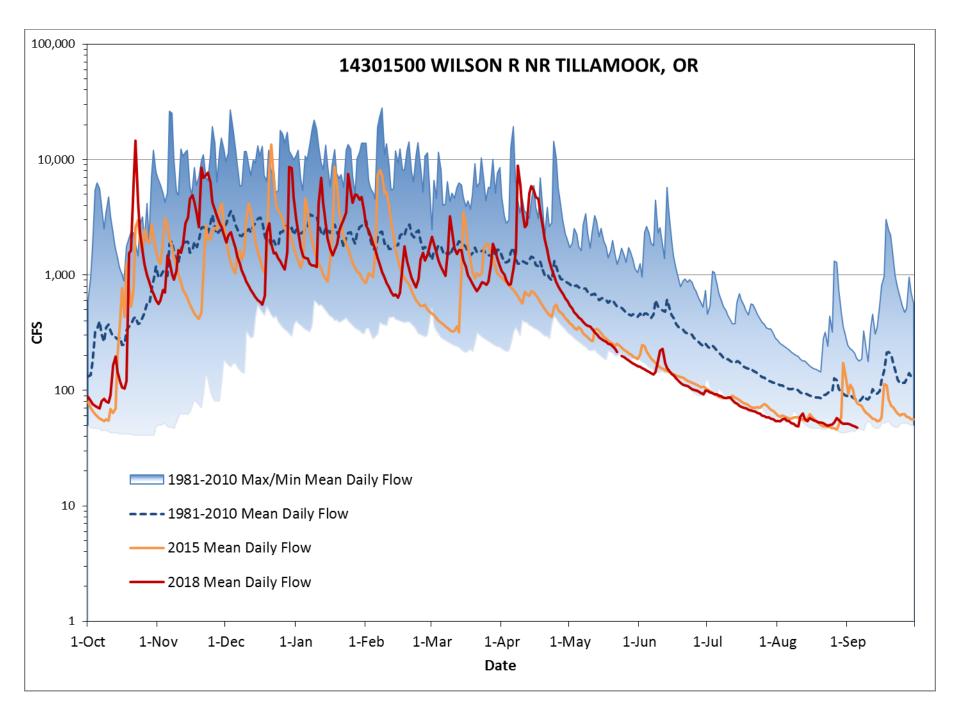
### **Oregon 7 Day Average**

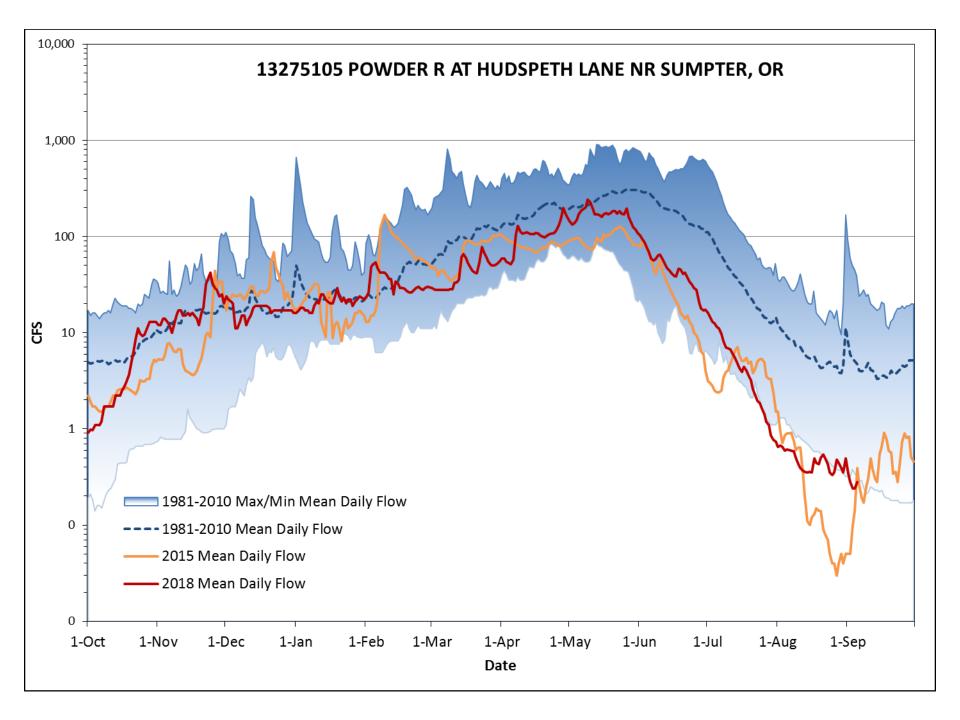


Explanation - Percentile classes									
lowest- 10th percentile	5	10-24	25-75	76-90	95	90th percentile -highest	Runoff		
Much below Normal		Below normal	Normal	Above normal	Much above normal				

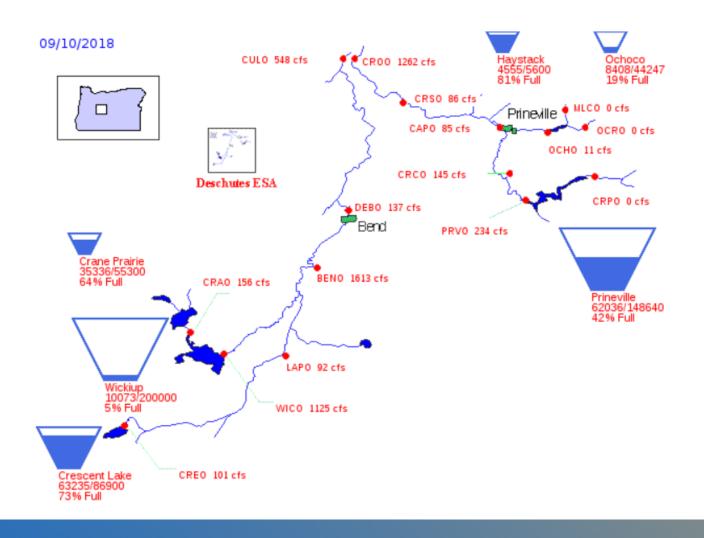




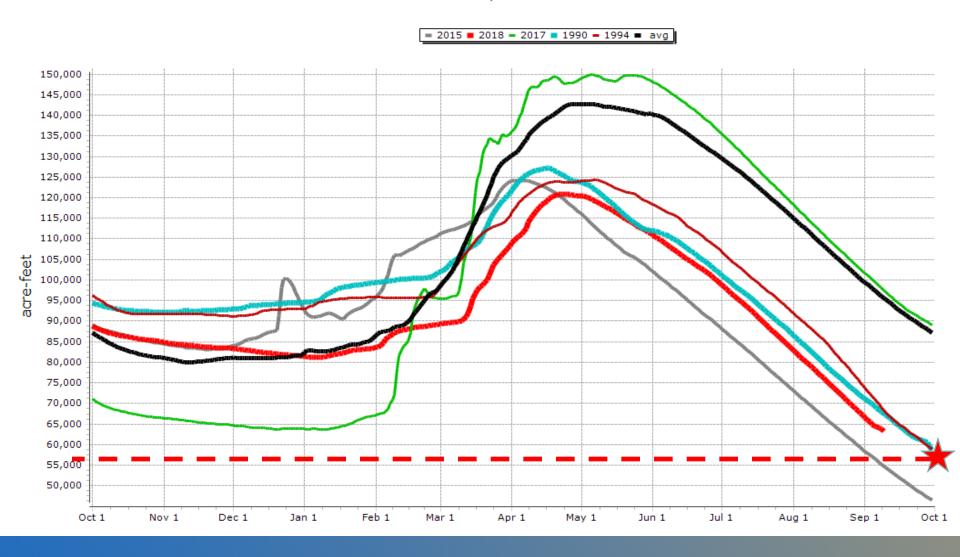




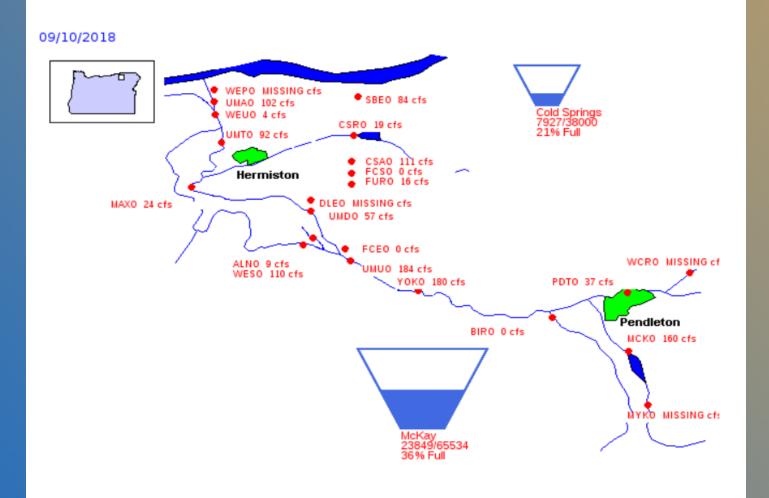
# US Bureau of Reclamation, Pacific Northwest Region Major Storage Reservoirs in the Deschutes River Basin



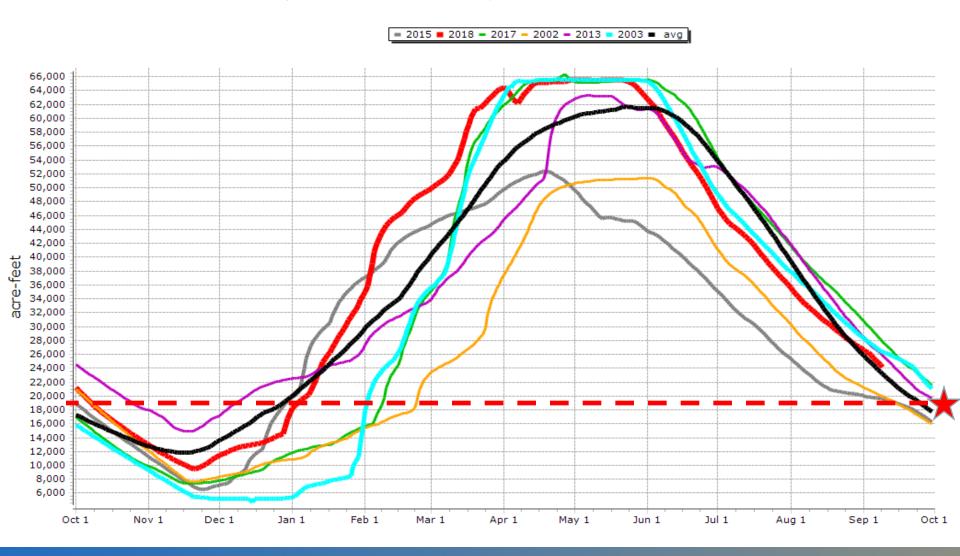
Prineville Reservoir nr Prineville, OR Elevation: 3264.000



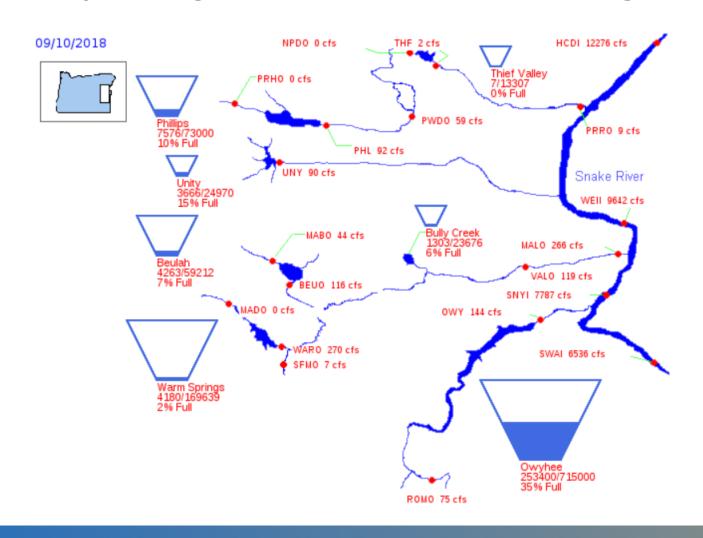
### Bureau of Reclamation, Pacific Northwest Region Umatilla River Basin Storage and Flow Diagram



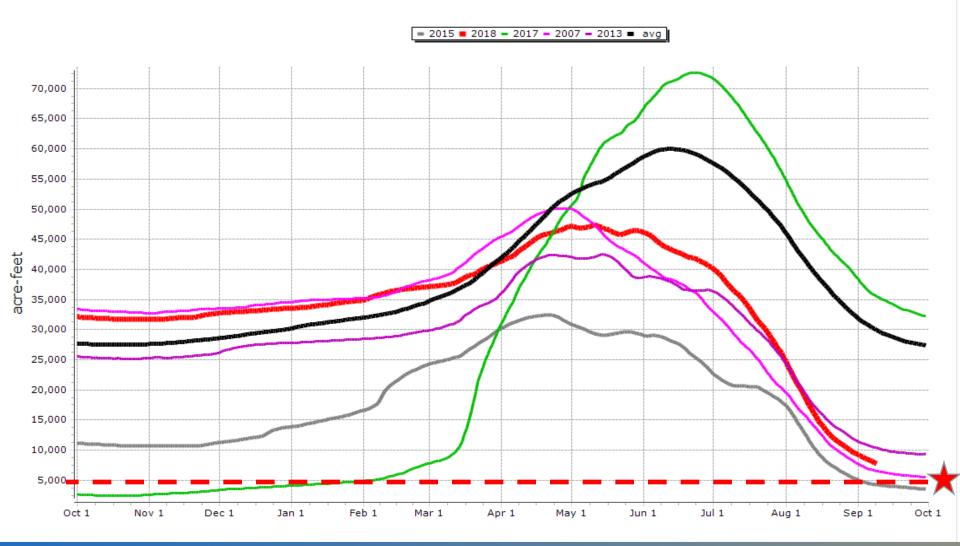
McKay Reservoir near Pendleton, OR Elevation:1333.000

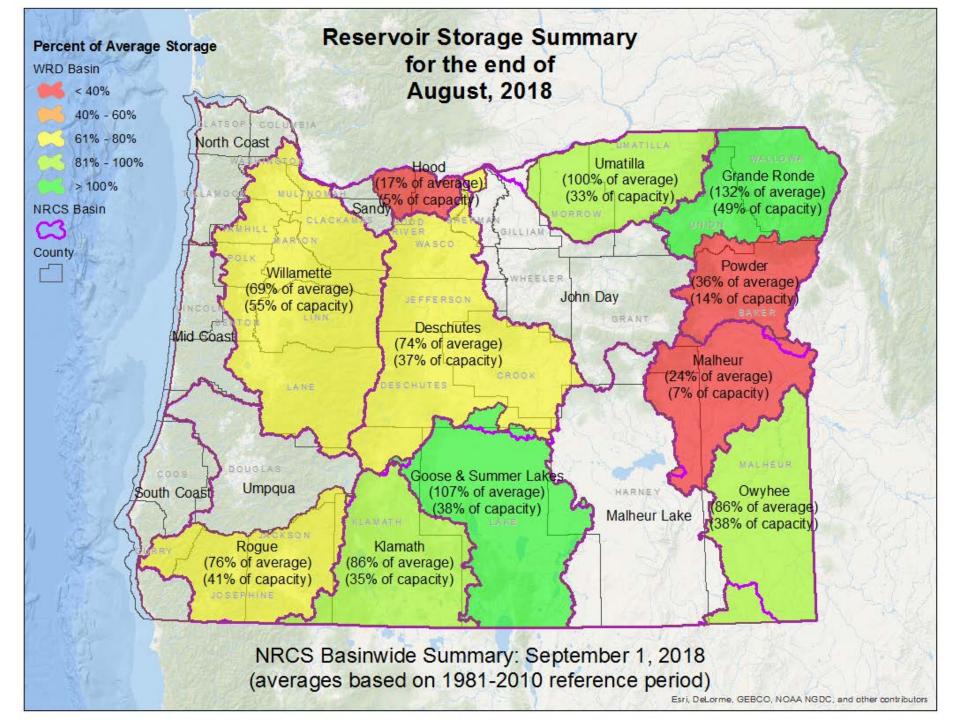


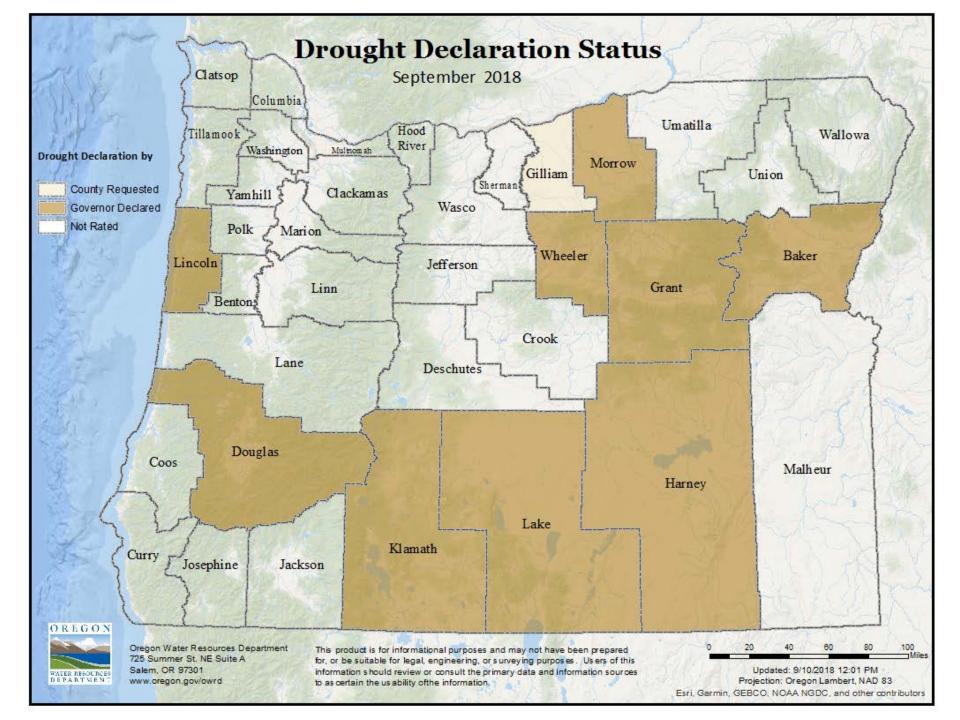
# US Bureau of Reclamation, Pacific Northwest Region Major Storage Reservoirs in Southeastern Oregon



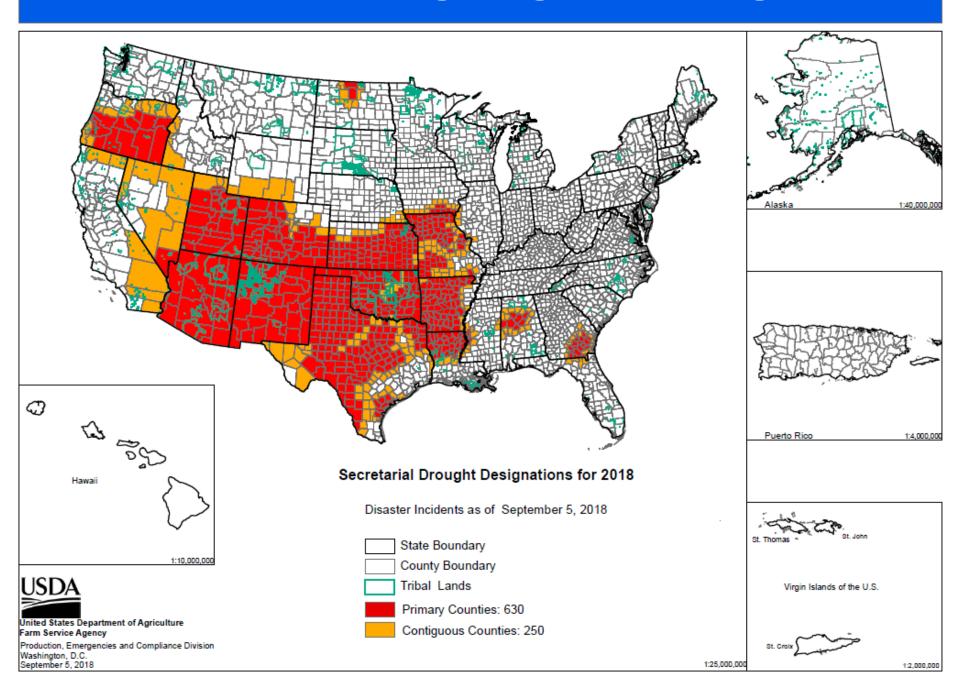
Mason Dam and Phillips Lake near Sumpter, OR Elevation: 3898.000

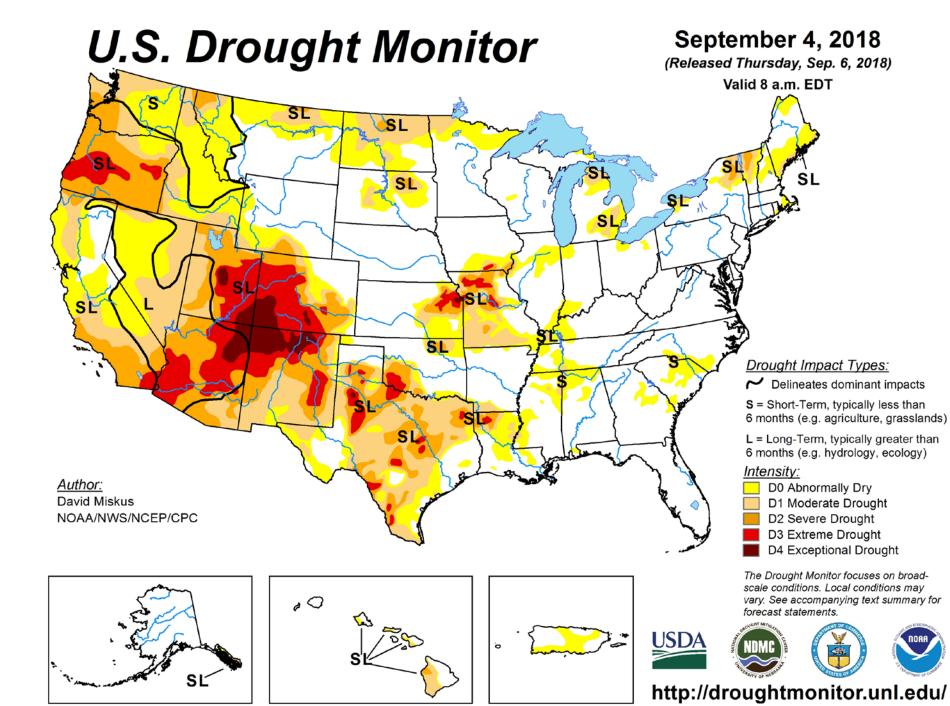


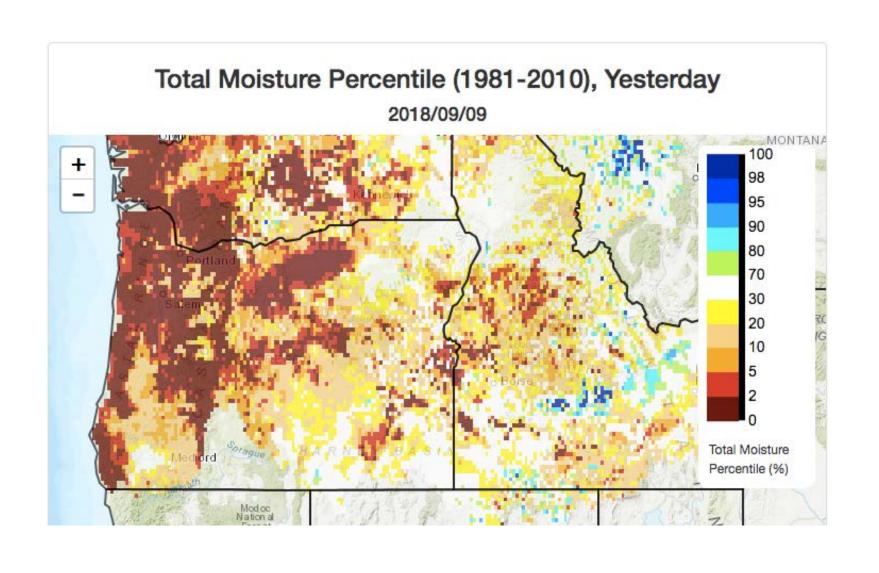


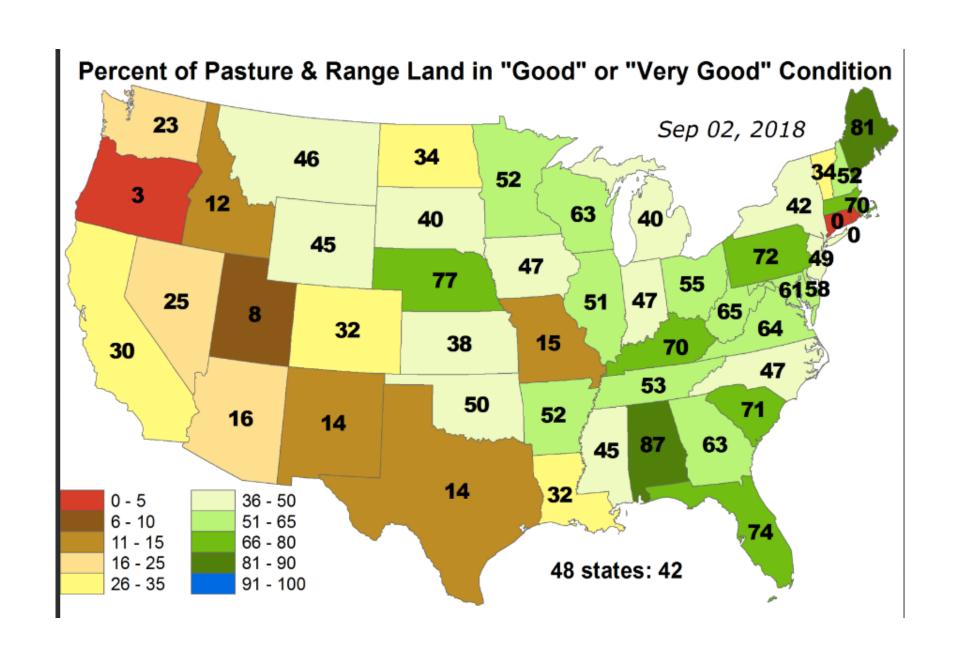


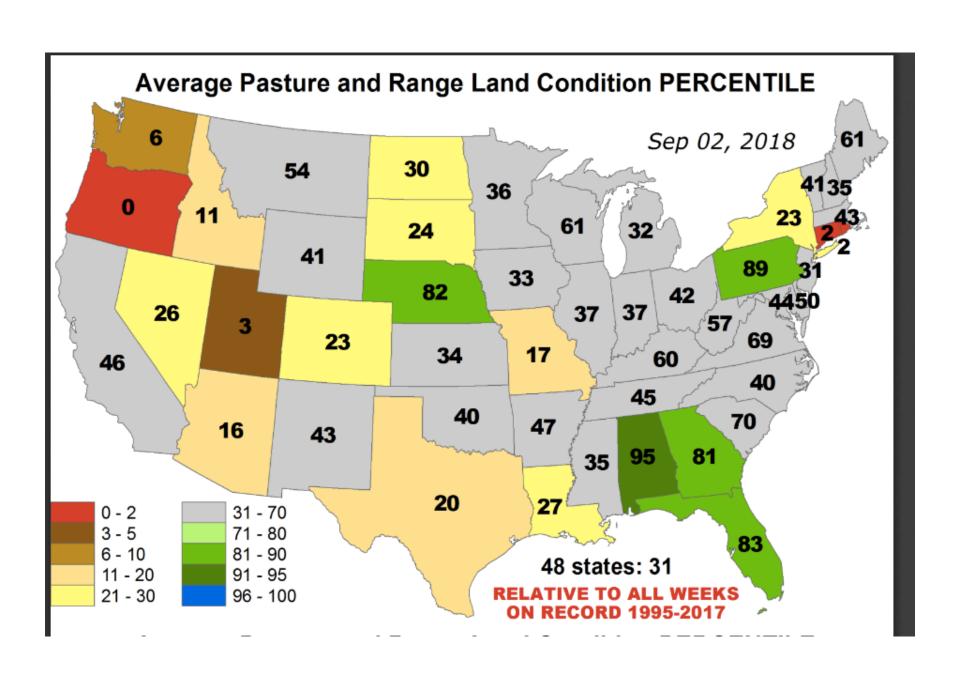
### 2018 Secretarial Drought Designations - All Drought













Thank you.

#### **County Court**

221 S. Oregon St. PO Box 427 Condon, OR 97823 Office: 541.384.6351 Admin: 541.384.3303 Fax: 541.384.3304



Ms. Sonya Andron
Operations and Preparedness Manager
Oregon Office of Emergency Management
Co-Chair, Oregon Drought Readiness Council
P.O. Box 14370
Salem, OR 97301
Via Email: Sonya.Andron@state.or.us

RE: Gilliam County Drought

Date: 9/6/2018

Dr. Bateman and Ms. Andron:

Gilliam County, by and through its County Elected Officials, requests that the Governor of Oregon issue an executive order for all of Gilliam County under the provisions of ORS 536 as a direct result of severe and continuing/projected drought conditions.

There is the potential for the Gilliam County agricultural and livestock, natural resources, recreational, tourism, and related economies to experience widespread and severe damage resulting from extreme weather conditions within the county. We are already experiencing large wildland fires with extreme fire behavior, historically low stream flows, and minimal precipitation. These conditions are negatively affecting our recreational & tourism economies as well as our crop and livestock production driven agricultural economy.

The county has already formally declared a drought, and has attached a copy of the adopted resolution for your files.

The Gilliam County Court has determined that additional action by and support from the state is needed. This may include assistance from the Oregon Water Resources Department and other Oregon executive branch agencies, operating within their statutory authorities.

Gilliam County Court therefore requests an executive order from the Governor, declaring drought in Gilliam County.

We extend in advance our appreciation for your consideration on this matter.

Sincerely,

Judge Steven Shaffer Gilliam County Court

### IN AND FOR THE COUNTY COURT OF THE STATE OF OREGON FOR GILLIAM COUNTY

RESOLUTION NO. 2018-13

A RESOLUTION DECLARING A STATE OF	)
DROUGHT EMERGENCY IN GILLIAM COUNTY	)

**THIS MATTER**, coming before the County Court for Gilliam County sitting as the County governing body at a regularly scheduled meeting on this 5<sup>th</sup> day of September, 2018; and

WHEREAS, the total precipitation for the area is significantly below average; and

**WHEREAS**, Gilliam County is faced with potential crop failures both in dry land and irrigated areas that are served by streams as well as a 50% reduction in available range forage for livestock, likely necessitating livestock feed assistance; and

**WHEREAS**, Gilliam County's drought conditions have been further exacerbated by the wildfires that have recently burned 54,221 acres in the Stubblefield Fire and 5,056 acres in the Lonerock Fire; and

WHEREAS, the County Court of Gilliam County, Oregon hereby declares that a state of emergency exists within Gilliam County; and

**NOW**, **THEREFORE BE IT RESOLVED**, the Gilliam County Court is requesting that Governor Brown declare a state of drought emergency for Gilliam County.

**NOW, THEREFORE BE IT FURTHER RESOLVED,** the Gilliam County Court is requesting that Governor Brown request that the United States Secretary of Interior and the United States Secretary of Agriculture issue Drought Disaster Declaration for Gilliam County.

Adopted by the Gilliam County Court this 5th day of September, 2018.

Steve Shaffer, Gilliam County Judge

Leslie Wetherell, Gilliam County Commissioner

se oll & therell

Michael Weimar, Gilliam County Commissioner



#### **Gilliam County Soil and Water Conservation District**

PO Box 106, 333 S. Main St. - Condon, OR 97823 - Phone (541) 384-2672 x108

August 14th 2018

Gilliam County Court 221 S. Oregon St. P.O. Box 427 Condon, OR 97823

To the Honorable Steve Shaffer And Commissioners of Gilliam County

The Gilliam County Soil and Water Conservation District formally requests that the Gilliam County Court consider and approve an emergency declaration of drought for Gilliam County. We request that the Gilliam County Court, in coordination with the Gilliam County Emergency Management Department pursue the necessary steps to attain an emergency drought declaration from the Governor's office. The following points are our basis for request as are the attached documents:

- As of August 8<sup>th</sup>, 2018, 10.69% of Oregon is considered abnormally dry, 22.65% in moderate drought, and 66.66% in severe drought. Gilliam County is currently listed by the U.S. Drought Monitor as being in moderate drought.
- The U.S. Monthly Drought Outlook for August forecast drought persistence for Gilliam County.
   The U.S. Seasonal Drought Outlook valid through October 31, 2018 also forecast drought persistence for Gilliam County.
- The National Oceanic and Atmospheric Administration (NOAA) one-month outlook for Gilliam County forecast a 40-50% probability that temperatures will be above normal and a 33-40% probability that precipitation will be below normal. The NOAA three-month outlook forecast a 60-70% probability that temperatures will be above normal and near normal precipitation amounts.
- The daily discharge in cubic feet per second (cfs) for August 14 2018 at McDonalds Ferry was 22.2. The average cfs for August 14 is 177 cfs based on 111 years of record.

Throughout Gilliam County the effects of the current drought conditions can already be seen in crop health and yields, reduced upland grass production, reduced spring flows, and extremely low river and stream water levels.

A county declaration of drought emergency is the first step in receiving the declaration from the Governor. We need the Governor's declaration to allow our local producers' access to State and Federal drought assistance programs.

Please feel free to contact me with any questions.

Sincerely,

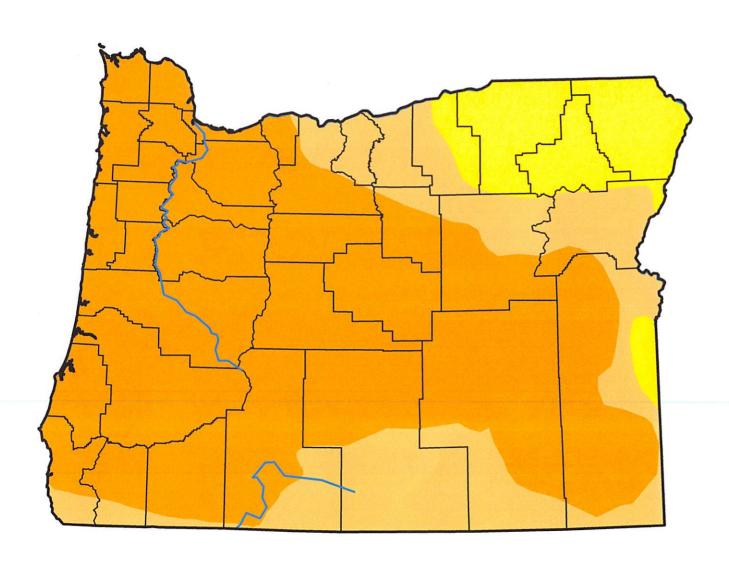
Christina Kirwai C

Office Manager

# U.S. Drought Monitor Oregon

### August 7, 2018

(Released Thursday, Aug. 9, 2018)
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:

Richard Tinker CPC/NOAA/NWS/NCEP

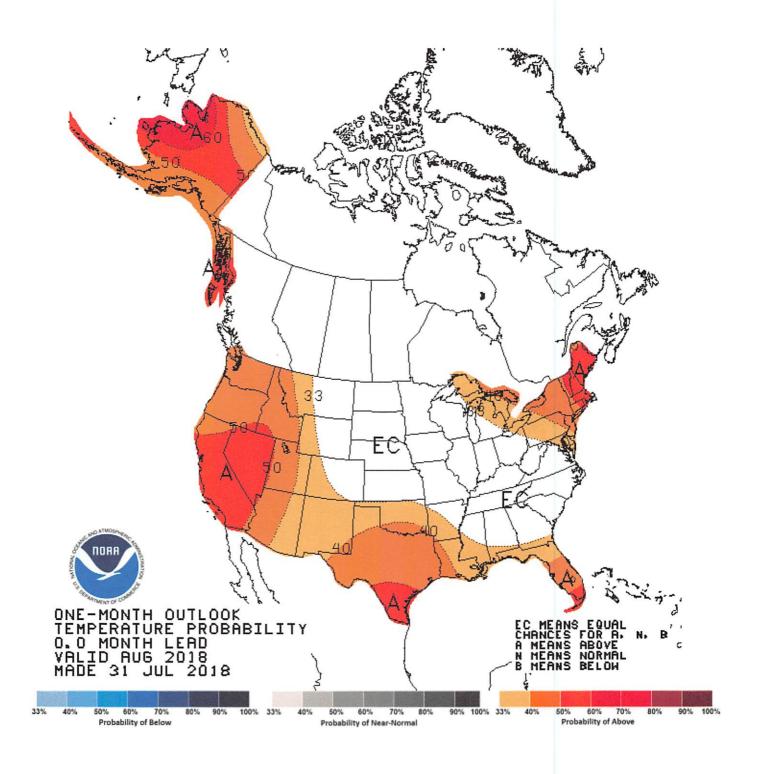


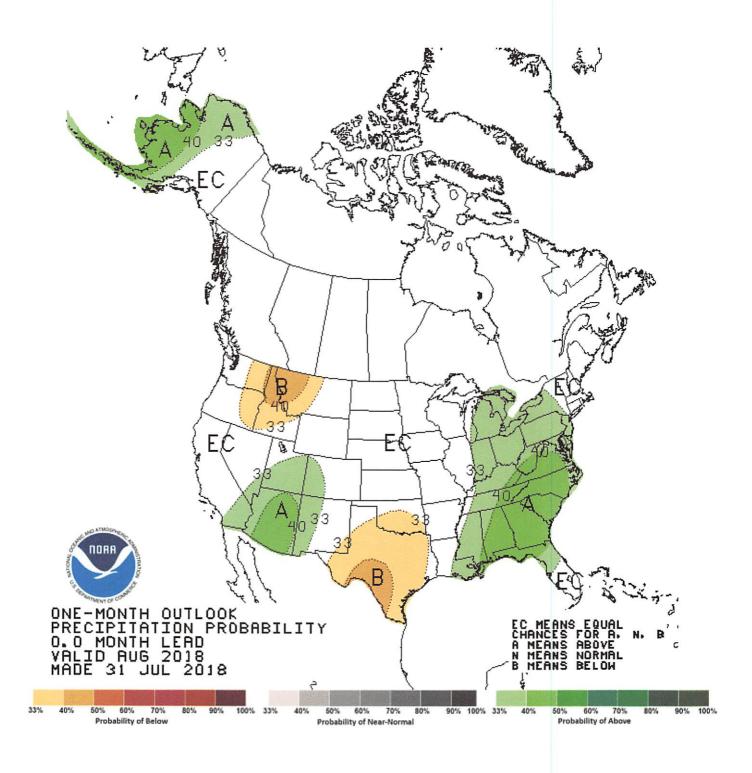


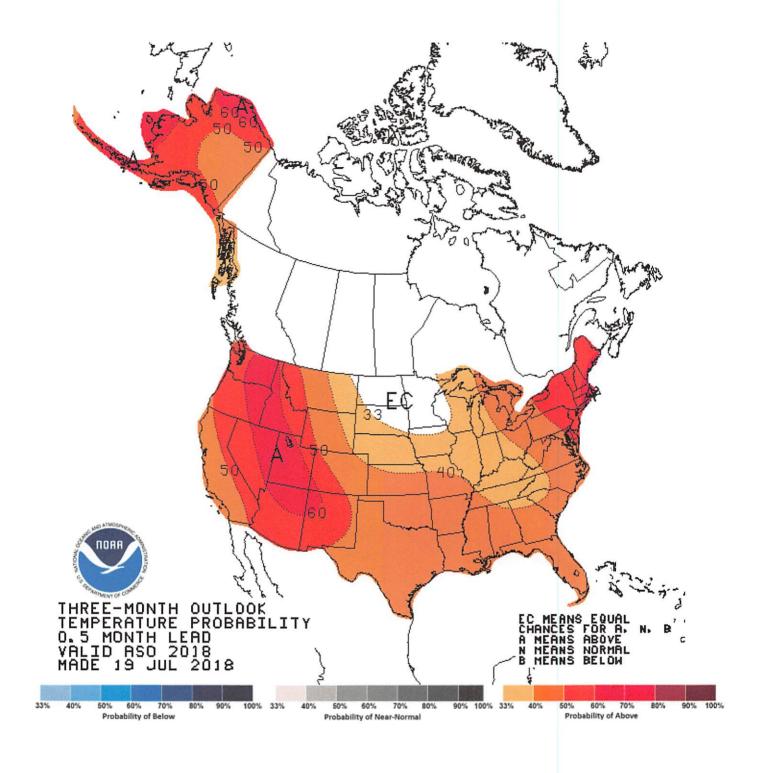


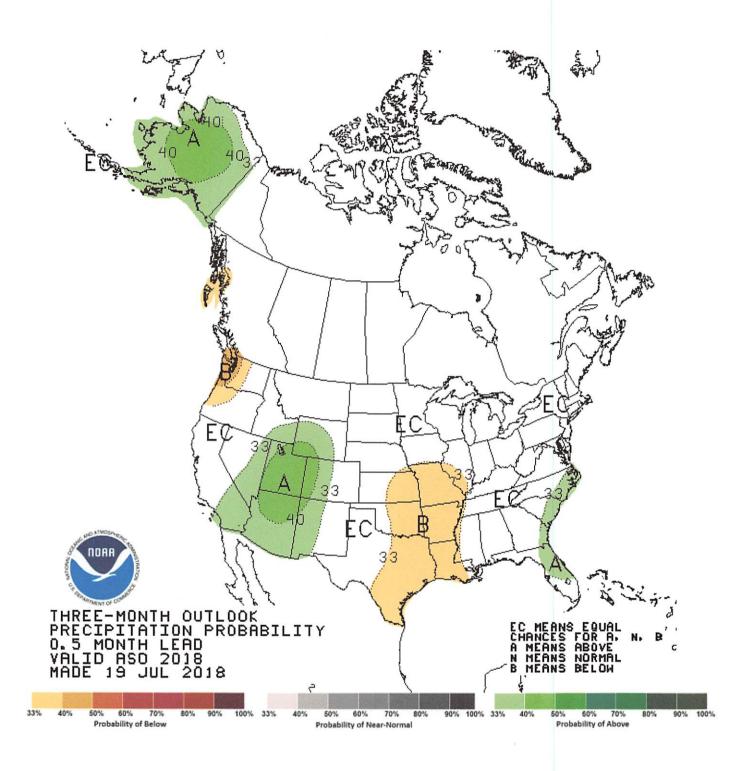


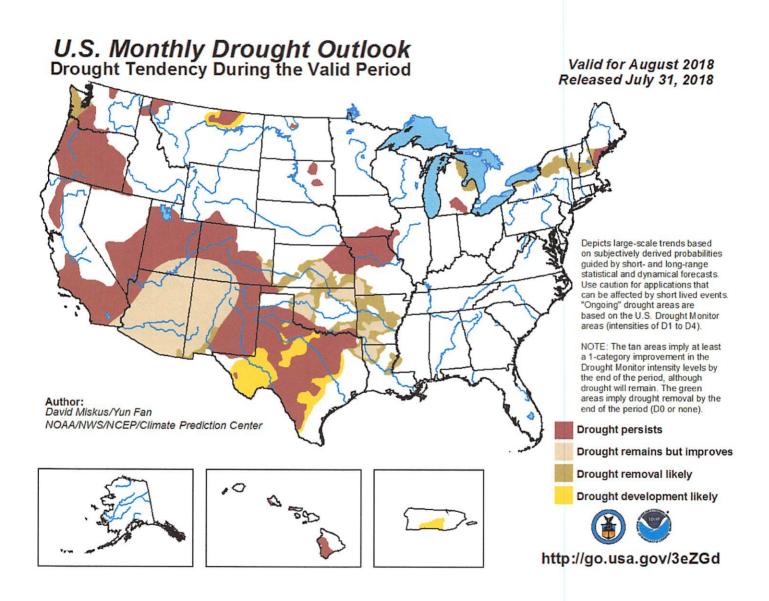
http://droughtmonitor.unl.edu/

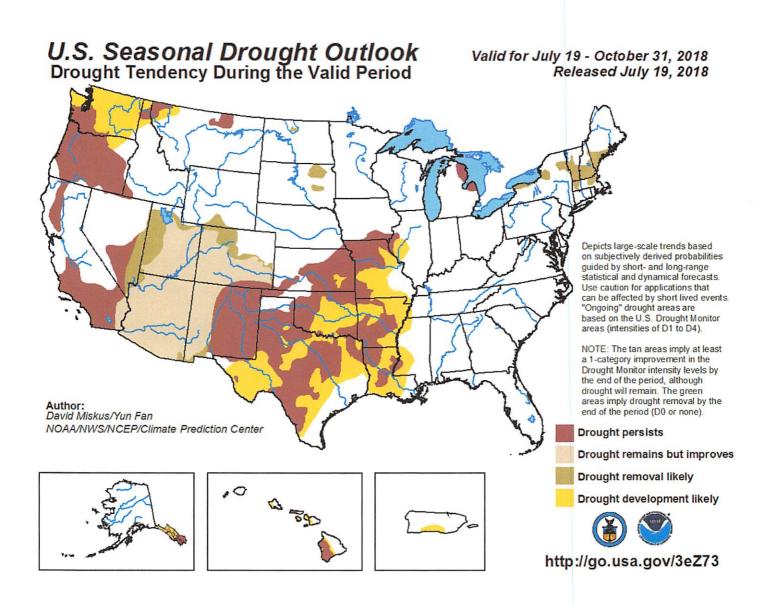














### Water Resources Department Watermaster 21

Gillam County Courthouse P.O. Box 427

> Condon, OR 97823 Ph: (541) 384-4207

Fax: (541) 384-2166

#### 2018 Drought Information

August 27, 2018

**Gilliam County Court** 

Dear Gilliam County Commissioners,

This is to notify you of the low flow conditions throughout the county with no significant rain fall since late June and the lowest flows that I have witnessed in the 7 years of regulating in the area.

The most recent water condition reports show that all of Gilliam County is in Moderate Drought Status, and has been attached for your information.

The following figure shows a snapshot in time showing the last 5 years data from the Service Creek Gage on the John Day River to help reflect the low flow conditions that I have seen this season.

Wed. 8/15/2018 JD @ SC 24 CFS Thur. 8/10/2017 JD @ SC 108 CFS Thur. 8/11/2016 JD @ SC 54 CFS Fri. 8/14/2015 JD @ SC 37 CFS Fri. 8/15/2014 JD @ SC 94 CFS

Fri. 8/16/2013 JD @ SC 47 CFS

As the data suggests, this is the lowest flow in the last 7 years.

I also documented that the Rock Creek drainage dried up about a month earlier than I have ever observed.

This season I regulated two systems that I have never regulated before due to extremely low flows.

I hope this will be helpful. Please contact me if you have further questions.

Sincerely,

Ken Thiemann Jr.

Watermaster, District 21

Att: Gilliam County Commissioners

cc: Mike Ladd, NC Region Manager