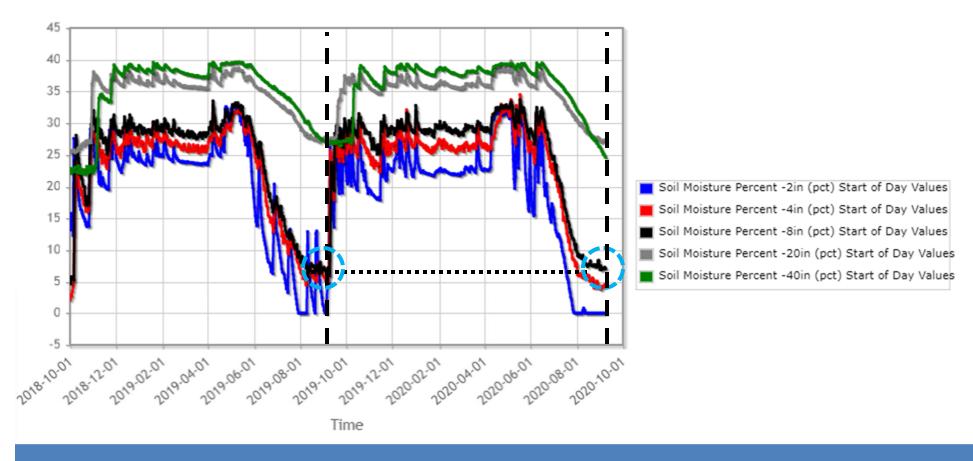
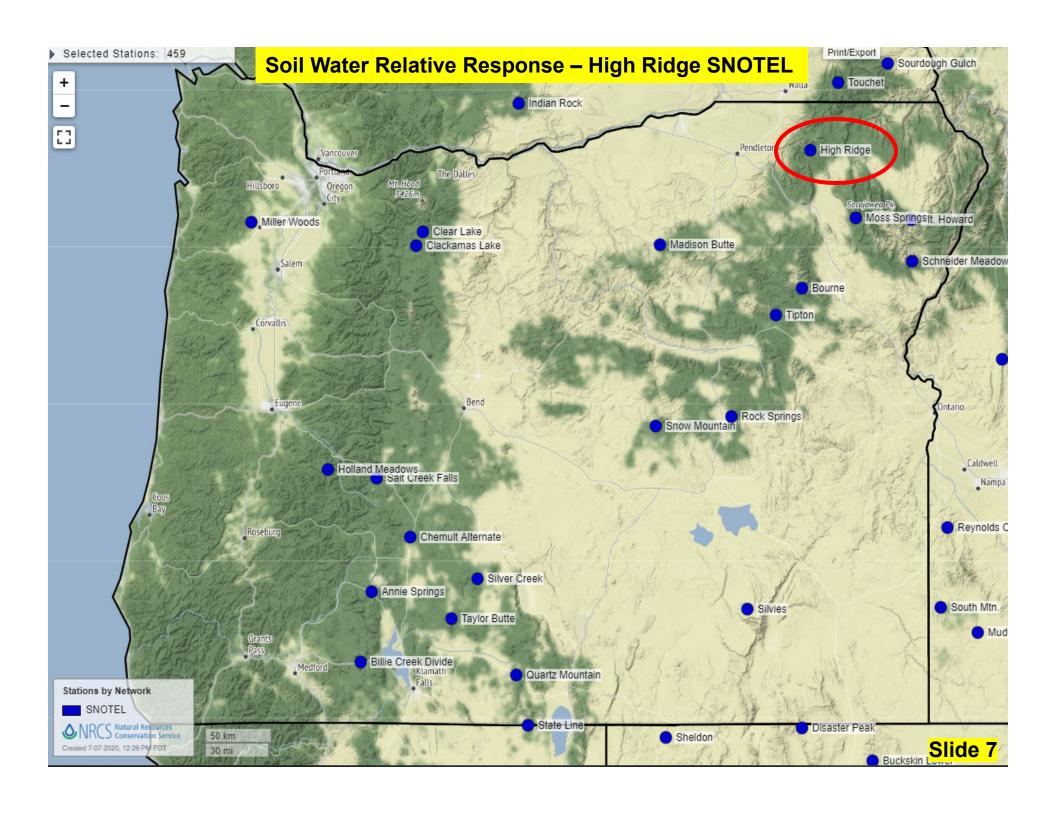


### **Soil Water Relative Response – Holland Meadows SNOTEL**

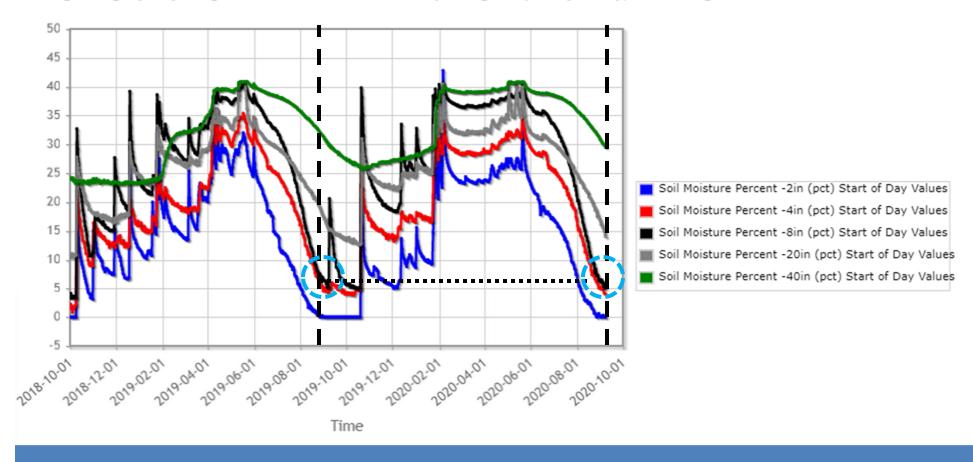
Holland Meadows (529) Oregon SNOTEL Site - 4930 ftReporting Frequency: Daily; Date Range: 2018-10-01 to 2020-09-0

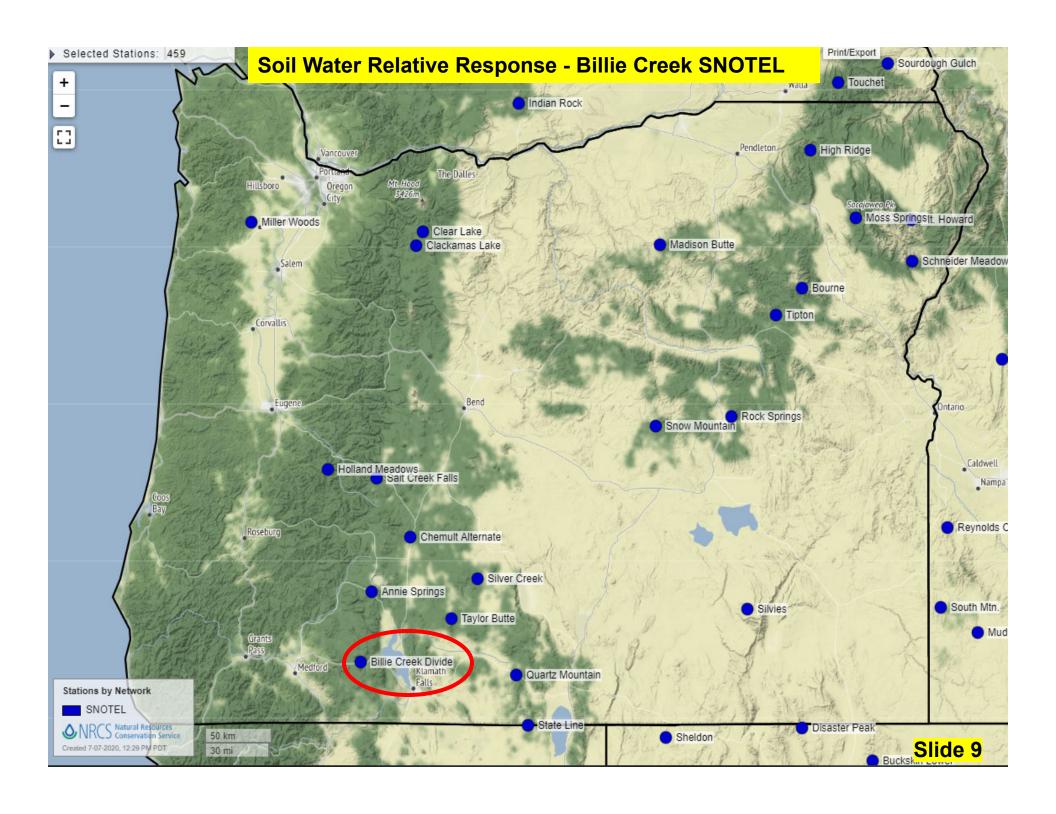




### Soil Water Relative Response – High Ridge SNOTEL

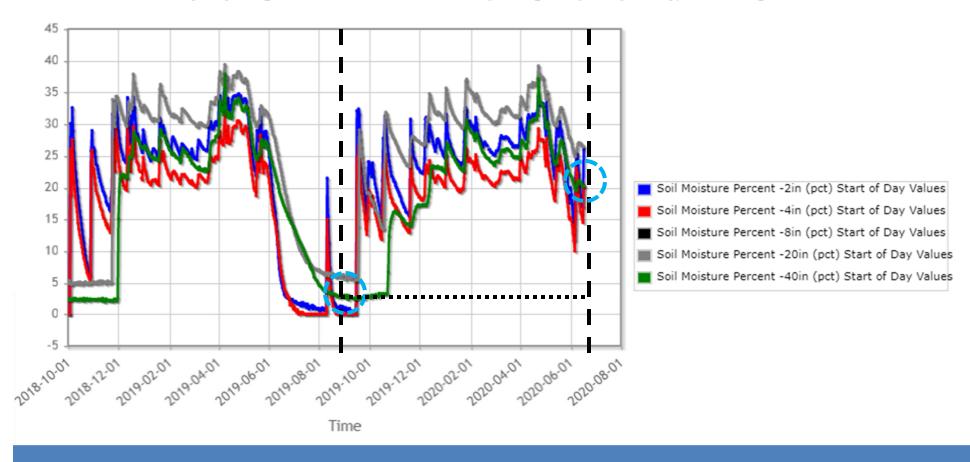
High Ridge (523) Oregon SNOTEL Site - 4920 ftReporting Frequency: Daily; Date Range: 2018-10-01 to 2020-09-08

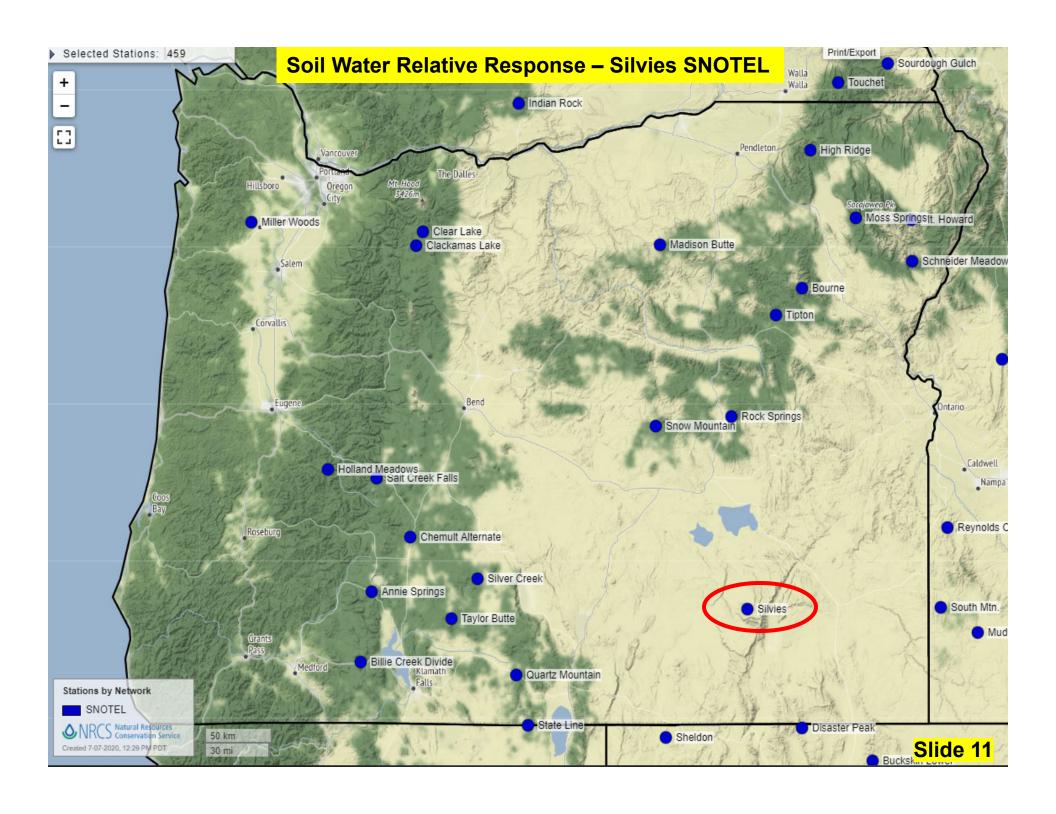




### Soil Water Relative Response - Billie Creek SNOTEL

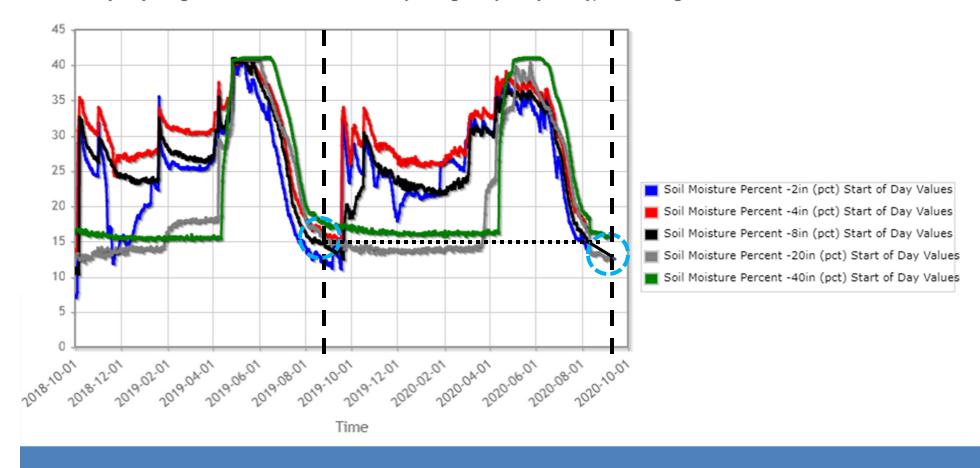
Billie Creek Divide (344) Oregon SNOTEL Site - 5280 ftReporting Frequency: Daily; Date Range: 2018-10-01 to 2020-09-





### **Soil Water Relative Response – Silvies SNOTEL**

Silvies (759) Oregon SNOTEL Site - 6990 ftReporting Frequency: Daily; Date Range: 2018-10-01 to 2020-09-08







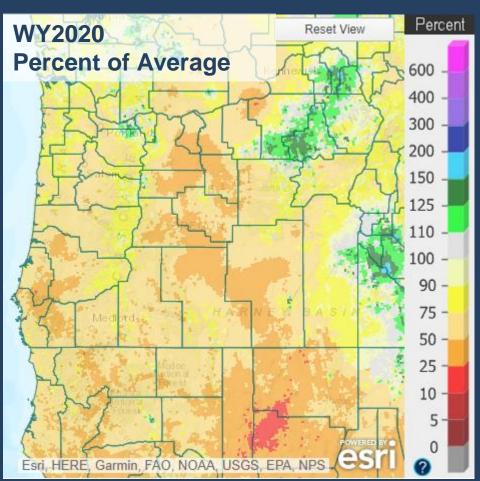
# Oregon WSAC

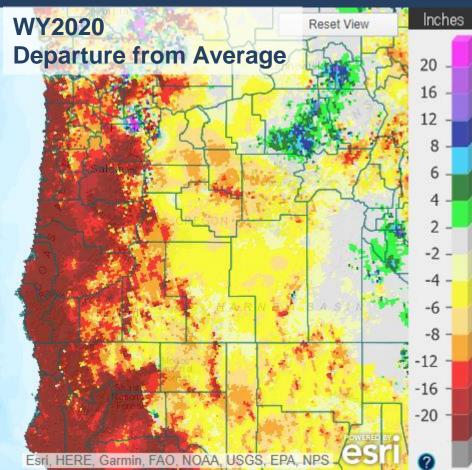
National Weather Service Precipitation & Temperatures Update

Sept 10, 2020



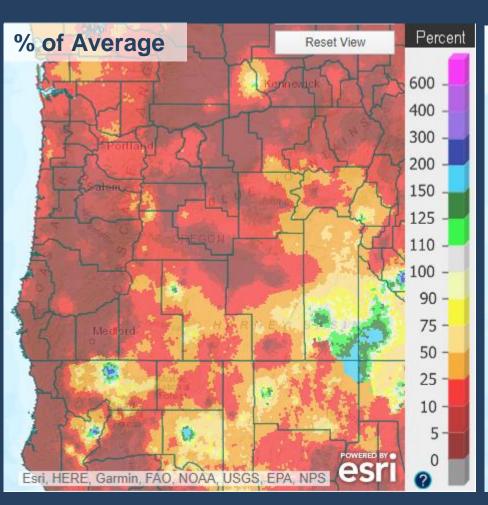
### Water Year Precipitation

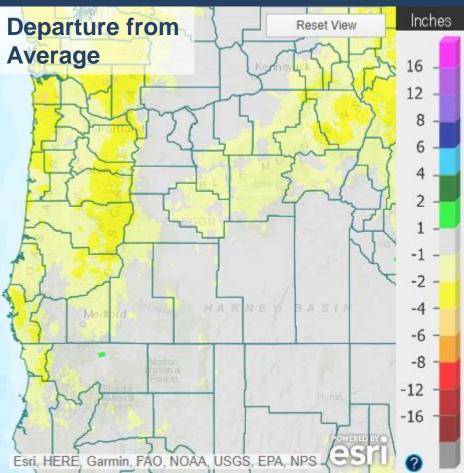






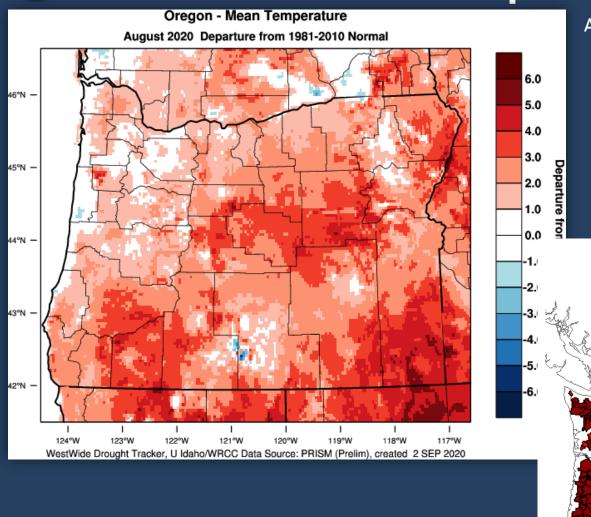
### Precipitation - Past 60 Days





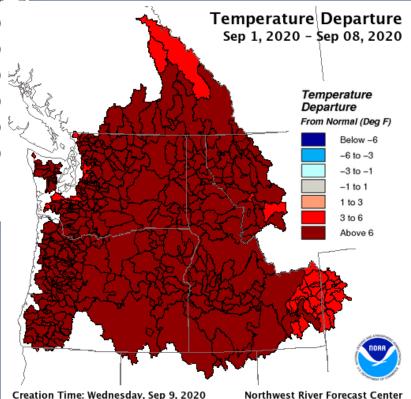


# Recent Temperatures



August 2020

September 1 - 08, 2020

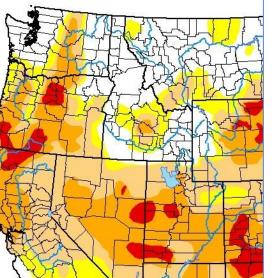




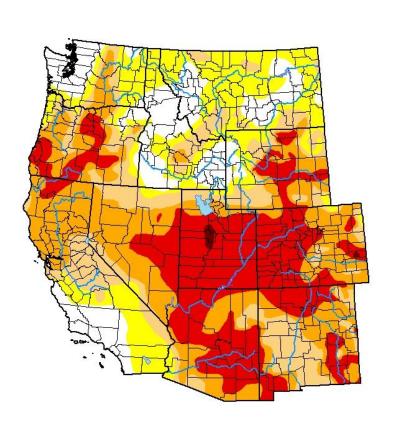
# **Drought Monitor**

U.S. Drought Monitor
West

August 4, 2020 (Released Thursday, Aug. 6, 2020)



U.S. Drought Monitor
West



September 8, 2020

(Released Thursday, Sep. 10, 2020) Valid 8 a.m. EDT



None

D0 Abnormally Dry

D1 Moderate Drought

D2 Severe Drought

D2 Sev

D3 Extreme Drought

D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to https://droughtmonitor.unl.edu/About.aspx

#### Author:

Richard Tinker CPC/NOAA/NWS/NCEP





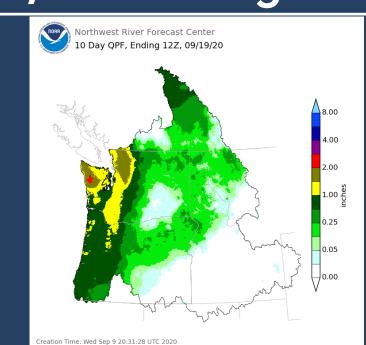


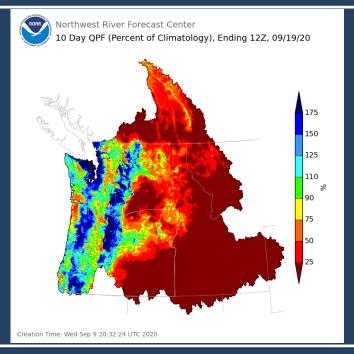


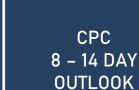
droughtmonitor.unl.edu



# Mid/Late August Outlook



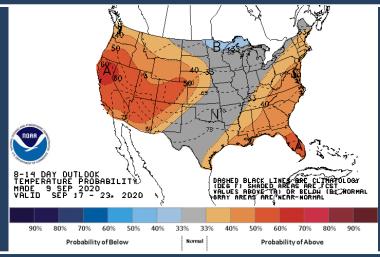


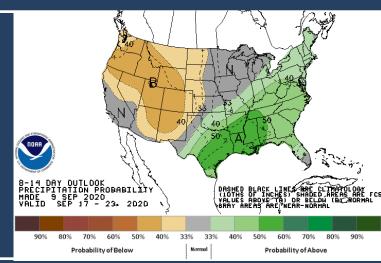


**NWRFC** 

10-DAY

**PRECIPITATION** 

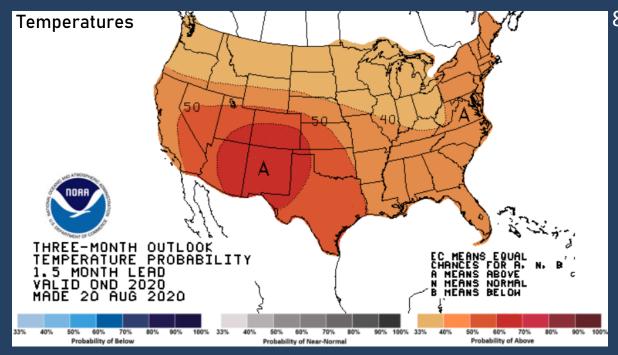


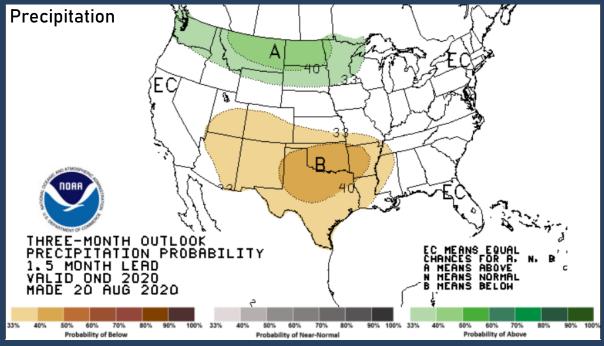




# Climate Prediction Center Outlook Oct - Nov - Dec 2020

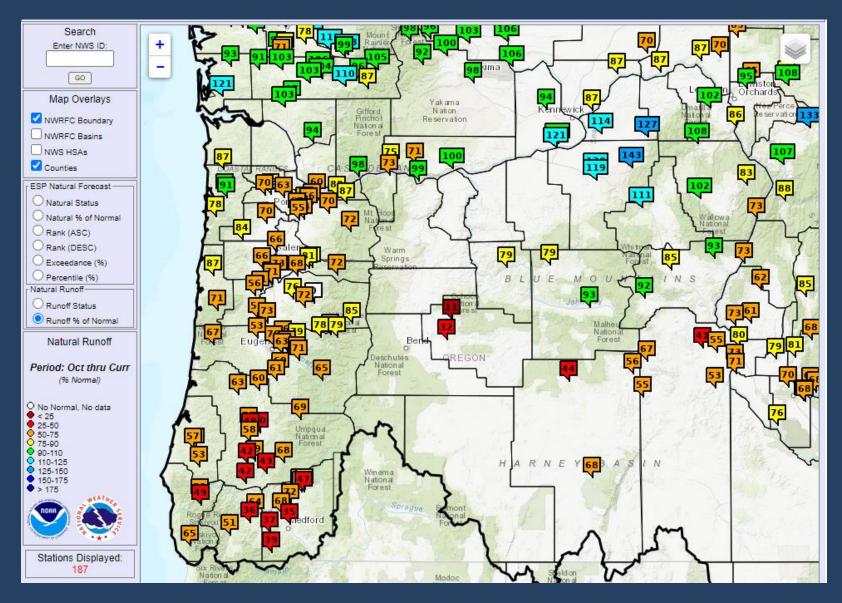
La Niña Watch in effect for this fall and winter







### Naturalized Runoff % Normal



# US Drought Monitor Update

Larry O'Neill

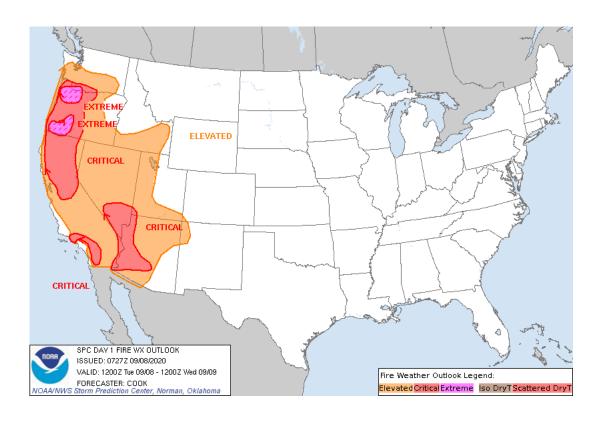
**Oregon State University** 

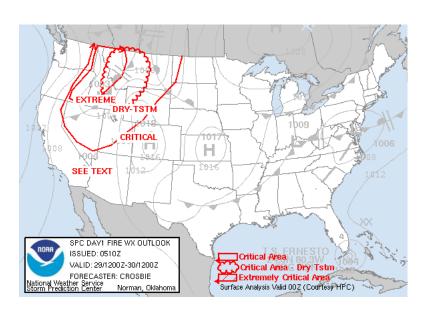
Oregon Drought Monitor Advisory Committee

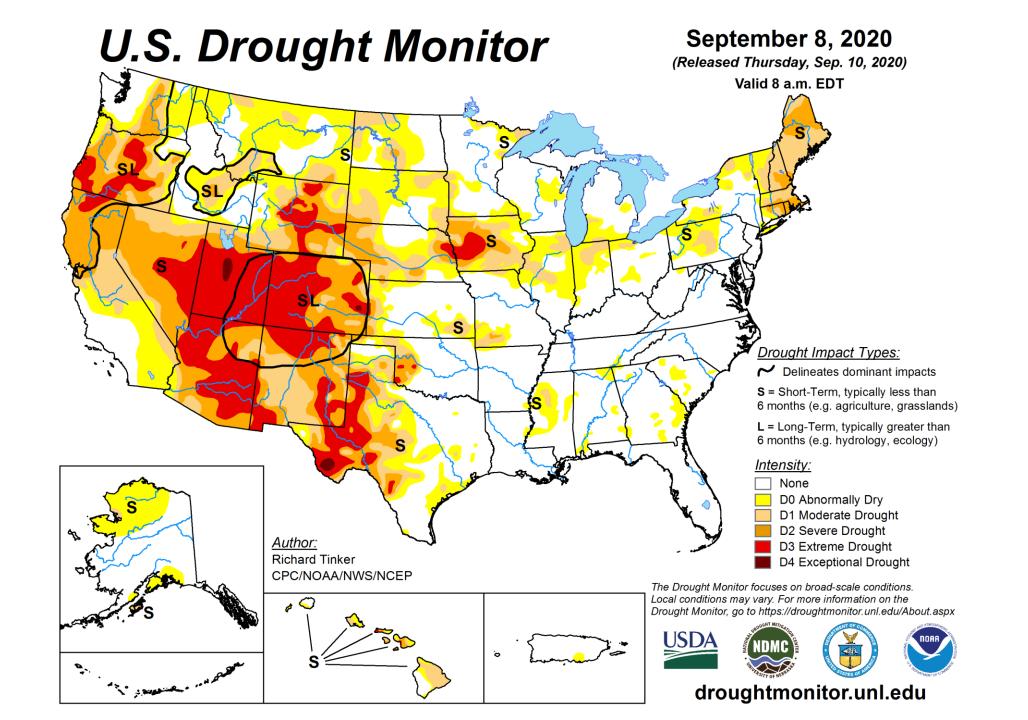
# Fire Weather Warnings

First time western Oregon with extremely critical fire weather warning on Sunday and Monday

Only other time this warning issued anywhere in the state of Oregon was August 30, 2006 in eastern Oregon







# U.S. Drought Monitor Oregon

### September 8, 2020

(Released Thursday, Sep. 10, 2020) Valid 8 a.m. EDT

Drought Conditions (Percent Area)

|  | None    | D0-D4 | D1-D4 | D2-D4 | D3-D4 | D4   |
|--|---------|-------|-------|-------|-------|------|
| Current                                | 6.38    | 93.62 | 81.80 | 59.05 | 24.90 | 0.00 |
| Last Week<br>09-01-2020                | 6.36    | 93.64 | 80.22 | 56.99 | 17.61 | 0.00 |
| 3 Month's Ag<br>06-09-2020             | 4.88    | 95.12 | 81.33 | 38.77 | 4.79  | 0.00 |
| Start of<br>Calendar Yea<br>12-31-2019 | ar 2.40 | 97.60 | 24.46 | 0.00  | 0.00  | 0.00 |
| Start of<br>Water Year<br>10-01-2019   | 88.54   | 11.46 | 0.00  | 0.00  | 0.00  | 0.00 |
| One Year Ag<br>09-10-2019              | 70.90   | 29.10 | 6.53  | 0.00  | 0.00  | 0.00 |

#### Intensity:

None D2 Severe Drought
D0 Abnormally Dry D3 Extreme Drought
D1 Moderate Drought
D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to https://droughtmonitor.unl.edu/About.aspx

#### Author:

Richard Tinker CPC/NOAA/NWS/NCEP

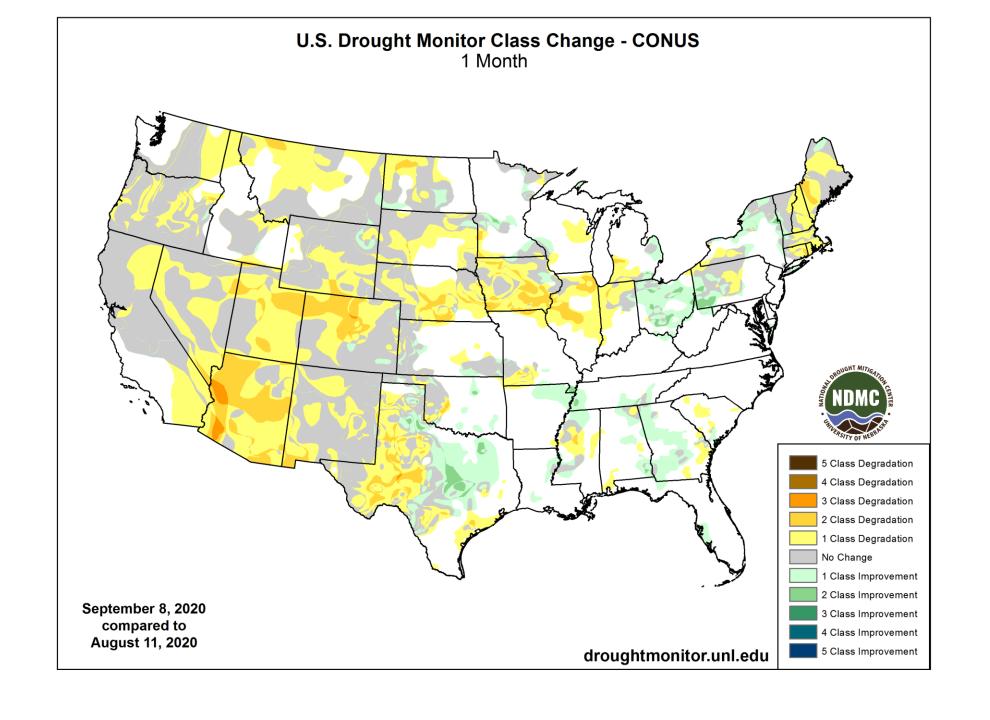




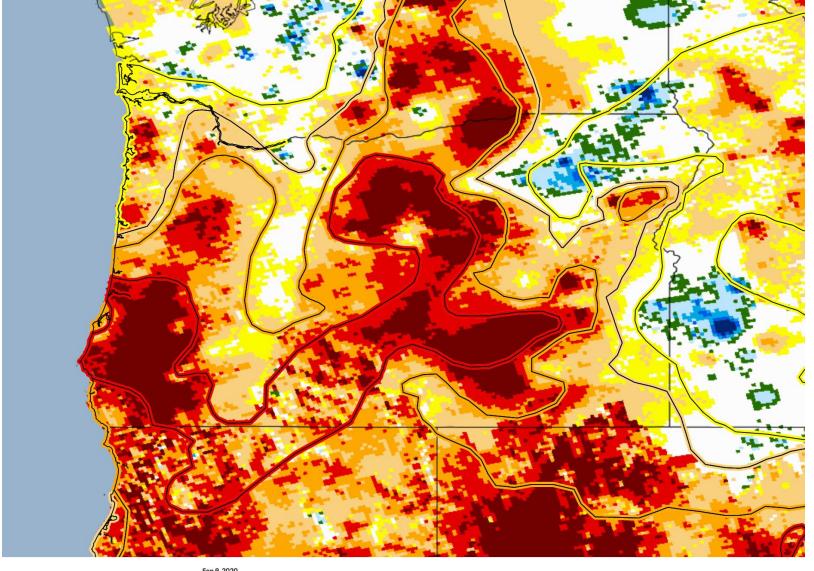




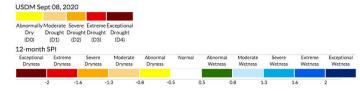
droughtmonitor.unl.edu

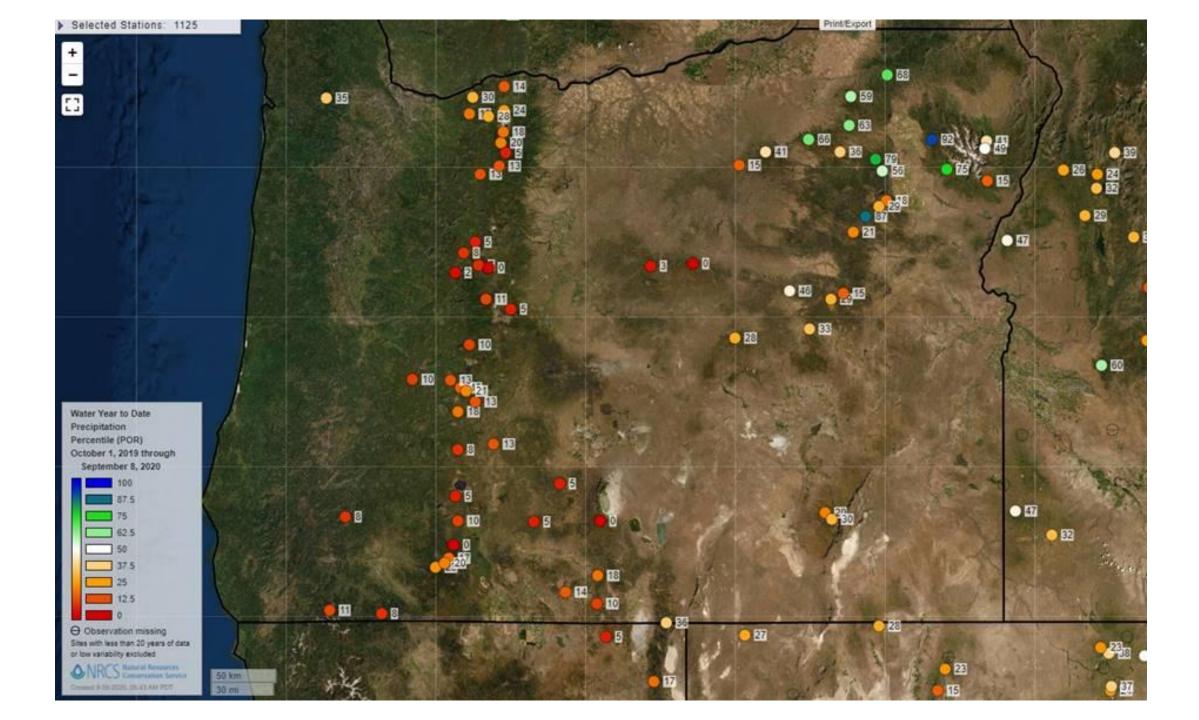


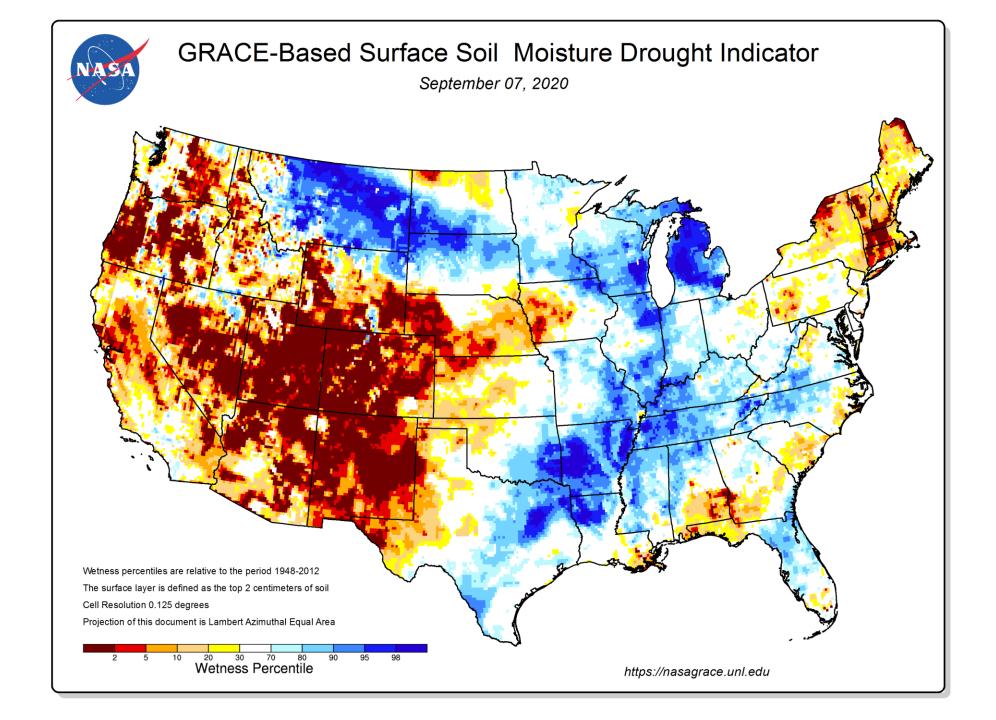
# AHPS 12month SPI

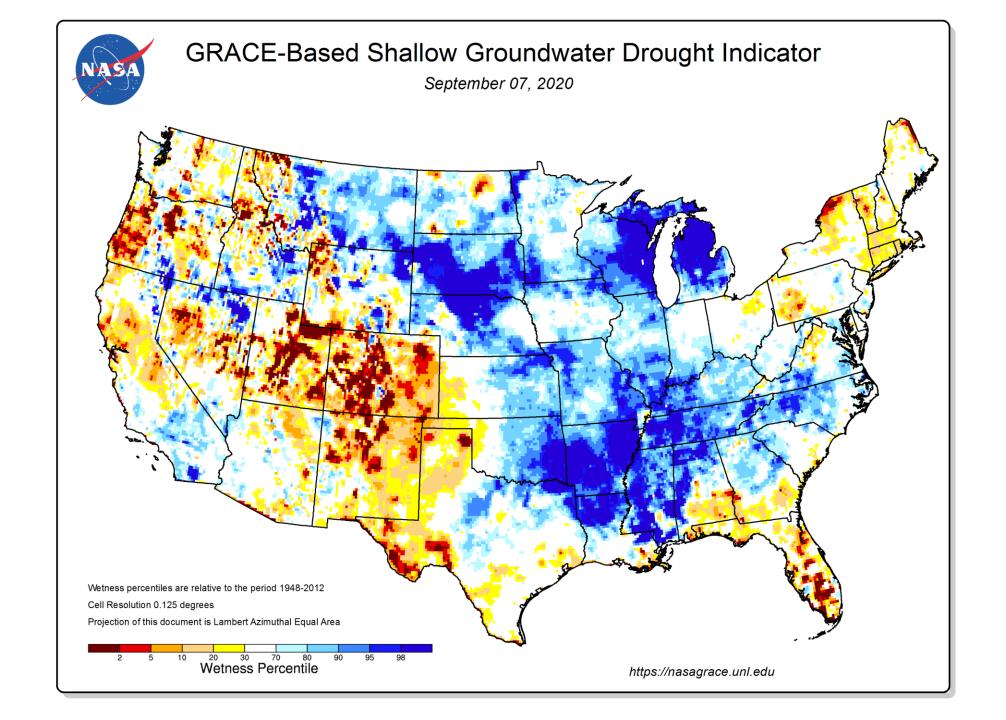


Sep 9, 2020



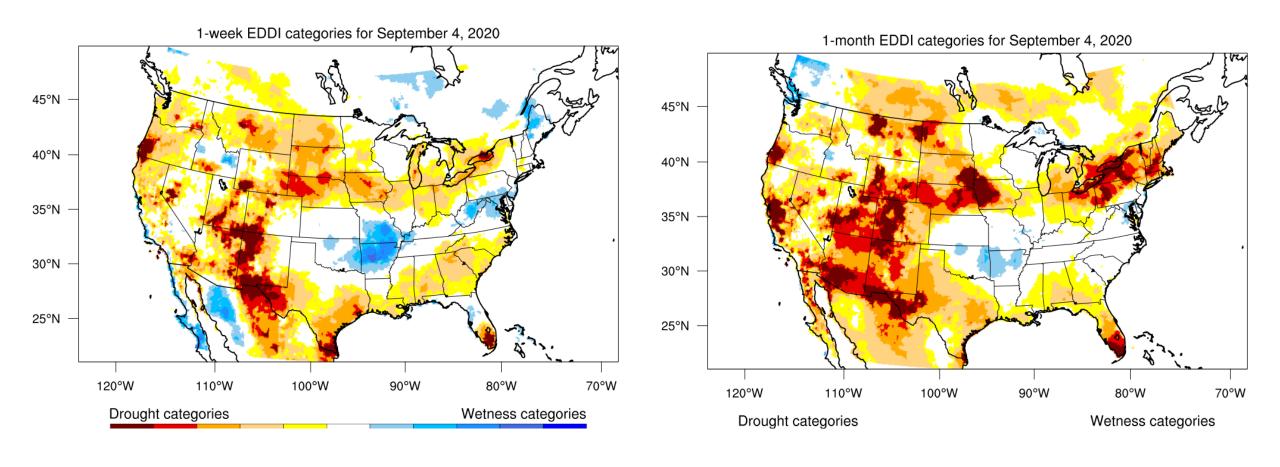






# Evaporative Demand Drought Index (EDDI)

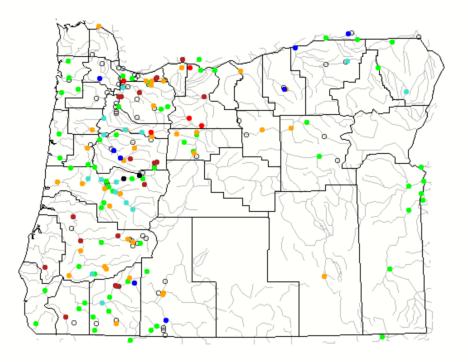
Abnormally warm and dry conditions have increased evaporative demand



## Map of 7-day average streamflow compared to historical streamflow for the day of the year (Oregon)

Oregon Or Water-Resources Regions O All Days

Wednesday, September 09, 2020





Search USGS streamgage

Choose a data retrieval option and select a location on the map

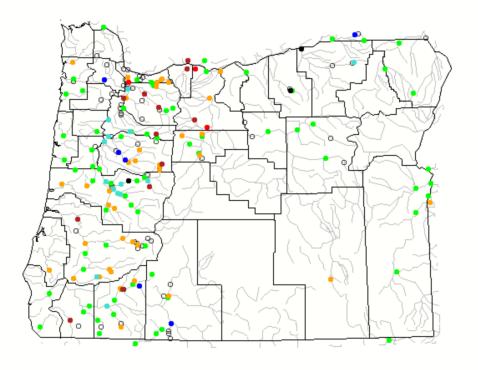
List of all stations • Single station • Nearest stations

| Explanation - Percentile classes |                      |                 |        |                 |                      |      |            |
|----------------------------------|----------------------|-----------------|--------|-----------------|----------------------|------|------------|
|                                  |                      | •               | •      |                 |                      | •    | 0          |
| Low                              | <10                  | 10-24           | 25-75  | 76-90           | >90                  | High | Not-ranked |
| LOW                              | Much below<br>normal | Below<br>normal | Normal | Above<br>normal | Much above<br>normal |      |            |

### Map of 28-day average streamflow compared to historical streamflow for the day of the year (Oregon)

Oregon Or Water-Resources Regions

Mednesday, September 09, 2020





Search USGS streamgage

Choose a data retrieval option and select a location on the map

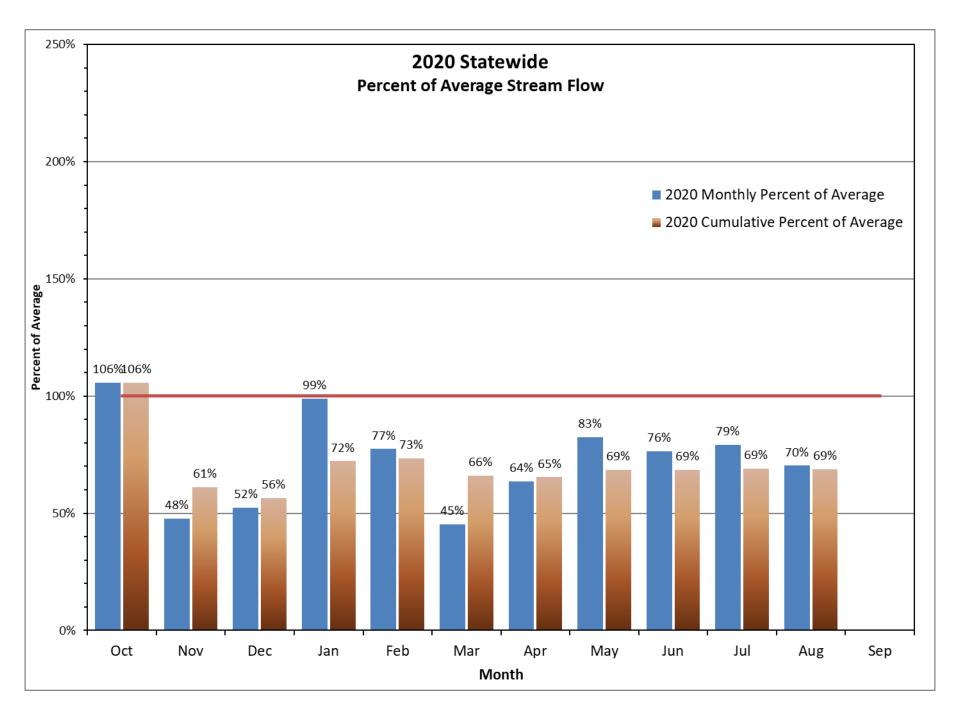
List of all stations • Single station • Nearest stations

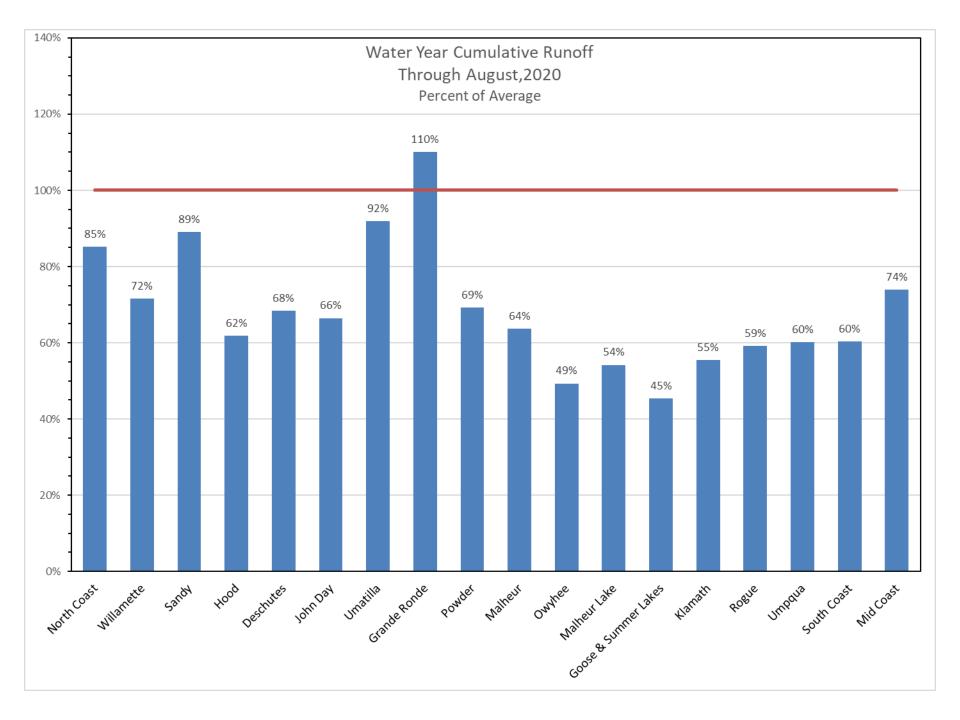
| Explanation - Percentile classes |                      |                 |        |                 |                      |      |            |
|----------------------------------|----------------------|-----------------|--------|-----------------|----------------------|------|------------|
|                                  |                      | •               | •      |                 |                      | •    | 0          |
| Low                              | <10                  | 10-24           | 25-75  | 76-90           | >90                  | High | Not-ranked |
| 2011                             | Much below<br>normal | Below<br>normal | Normal | Above<br>normal | Much above<br>normal |      |            |

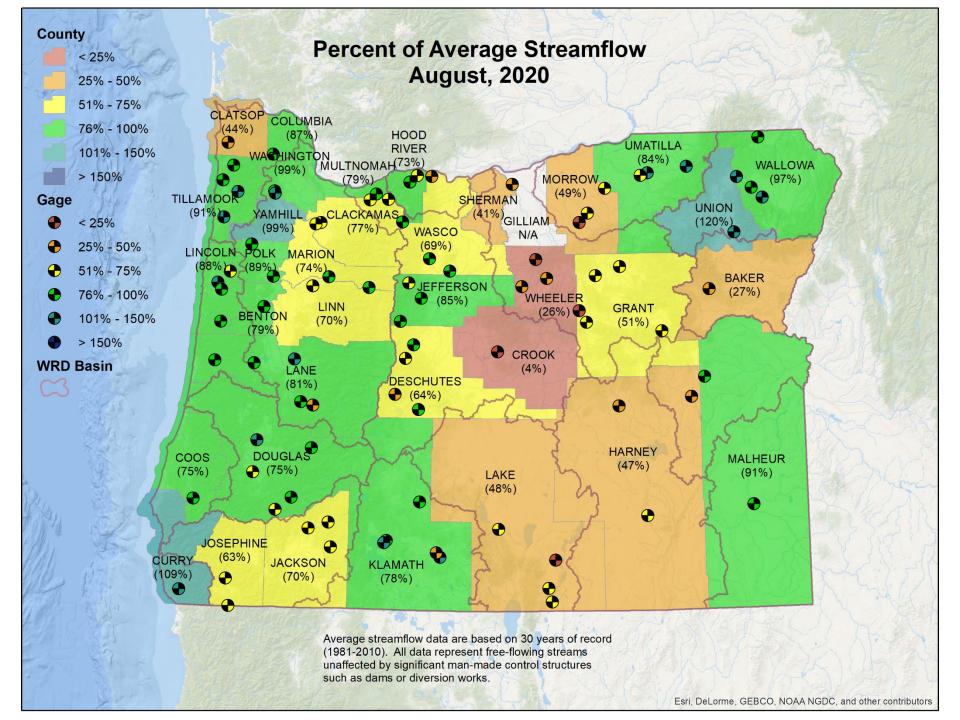
# Water Supply Conditions Report Water Supply Availability Committee



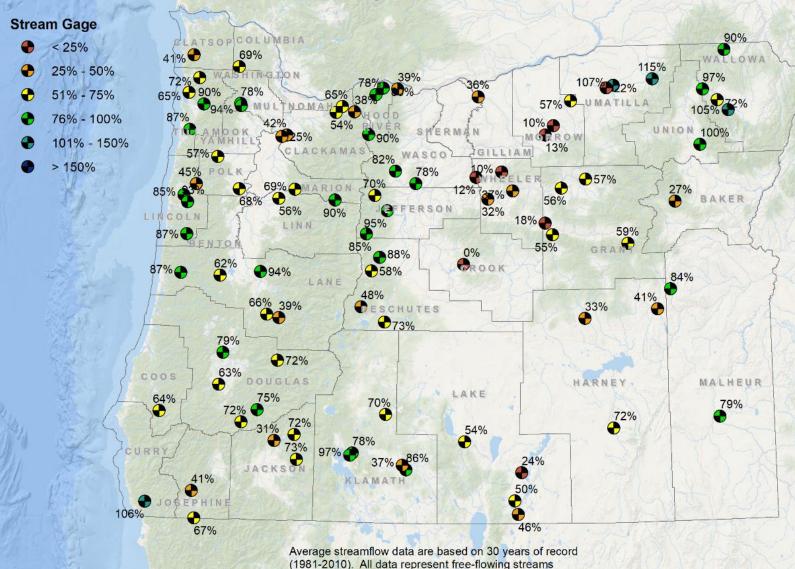






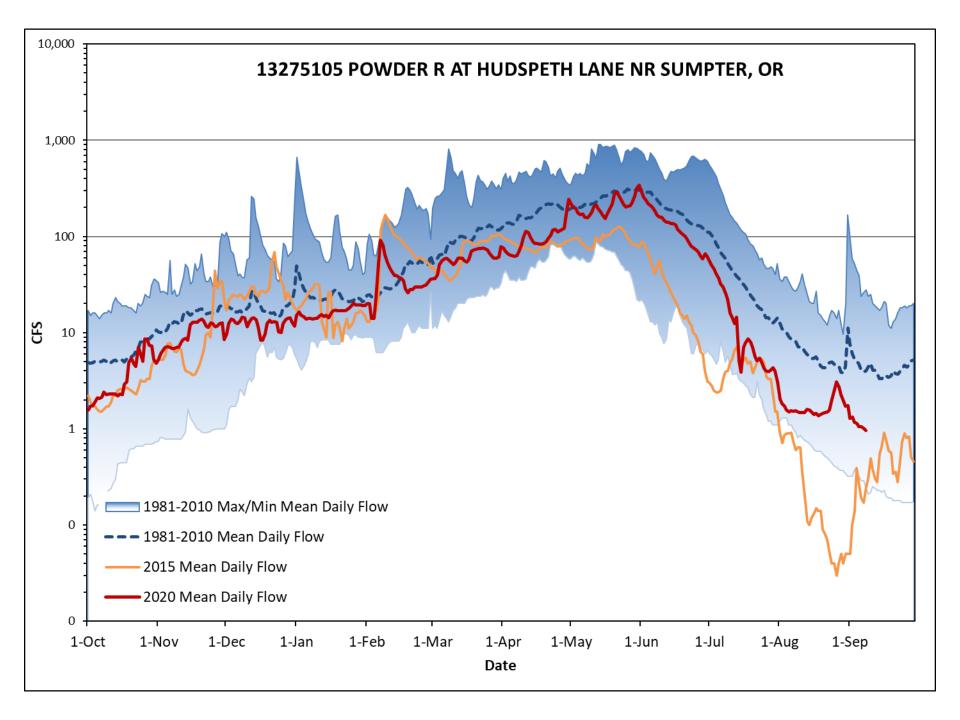


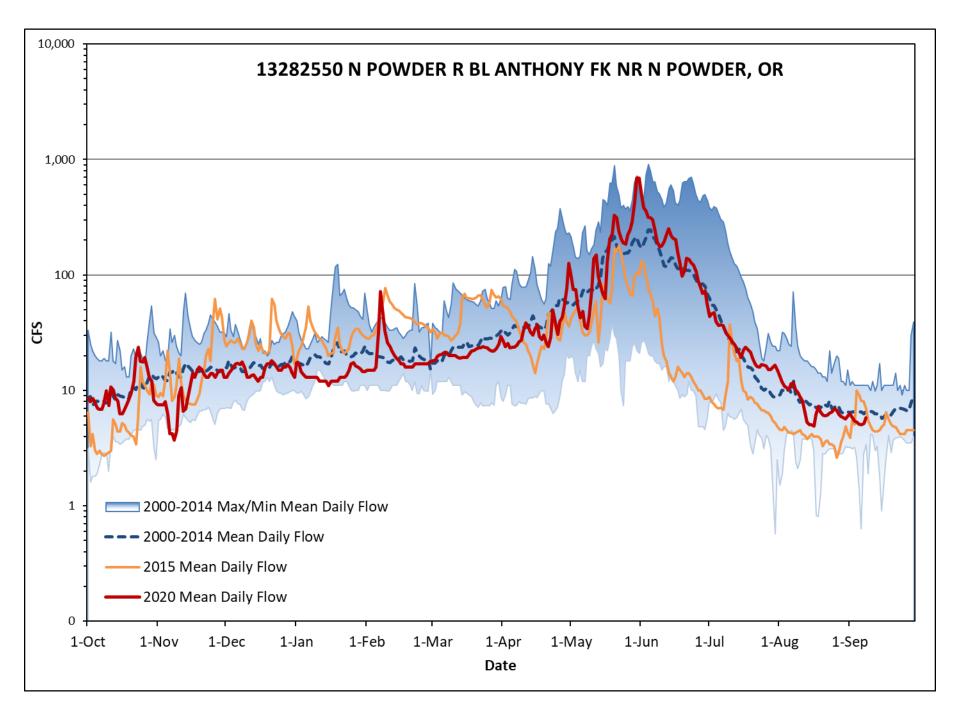
#### 7 Day Percent of Average Streamflow September 8, 2020

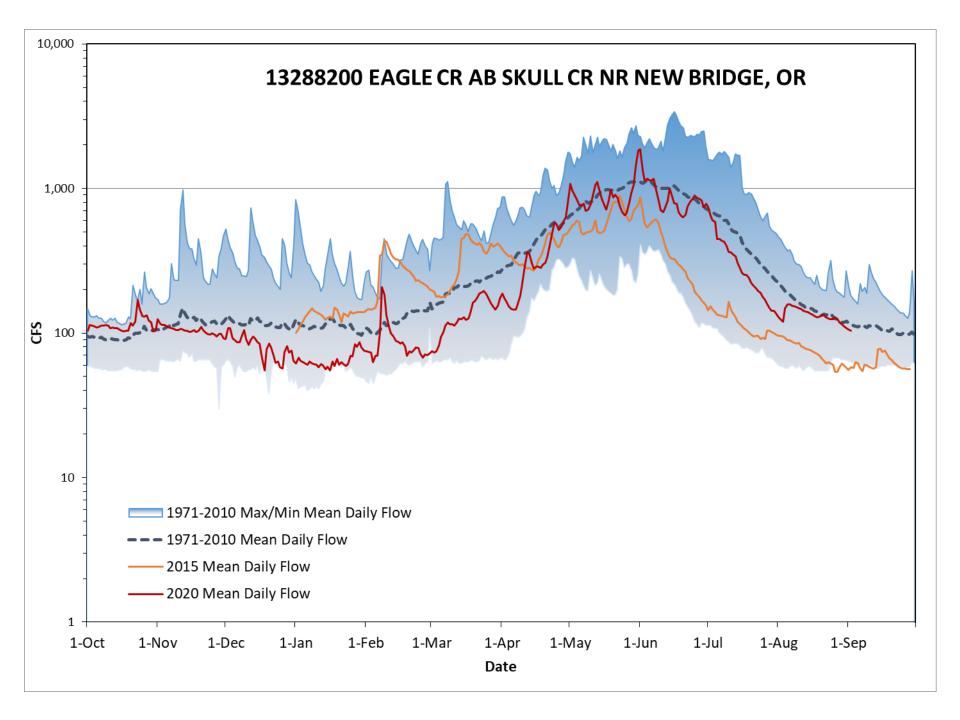


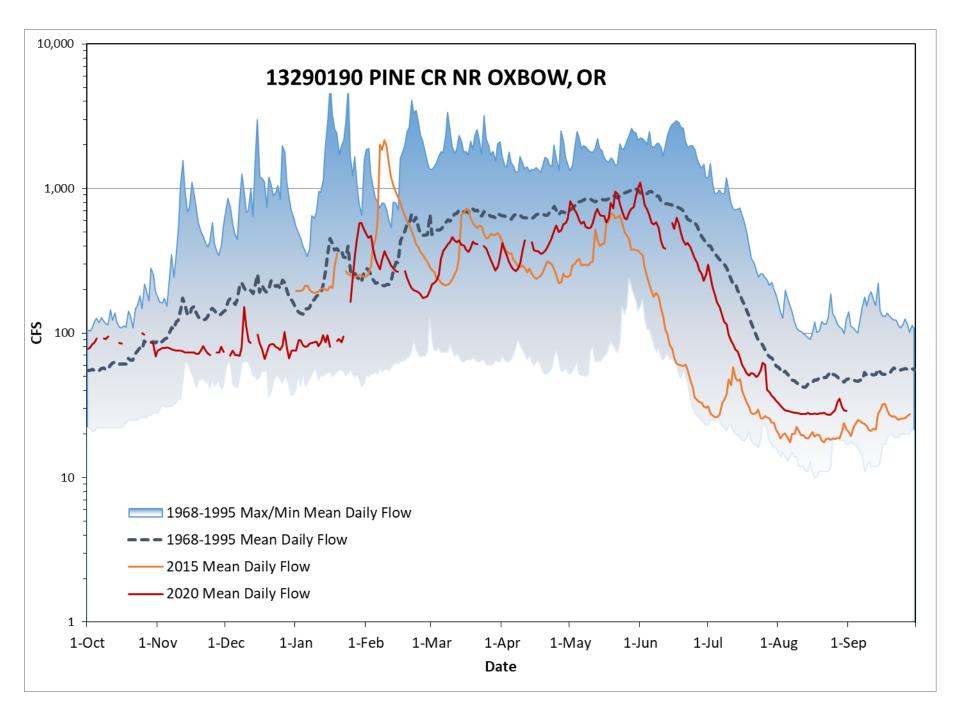
unaffected by significant man-made control structures

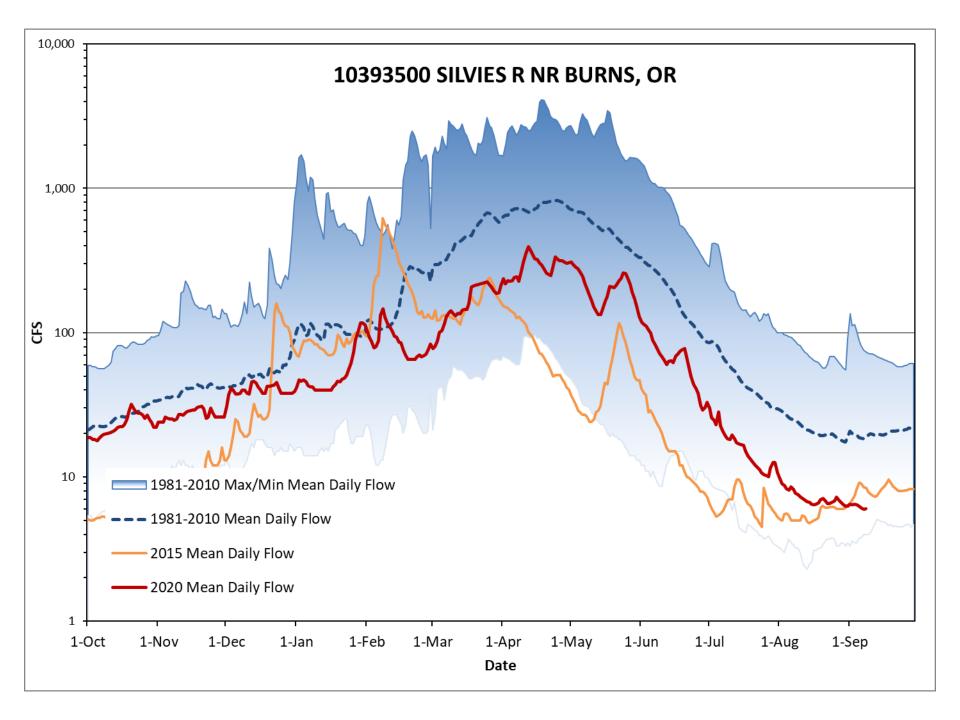
such as dams or diversion works.

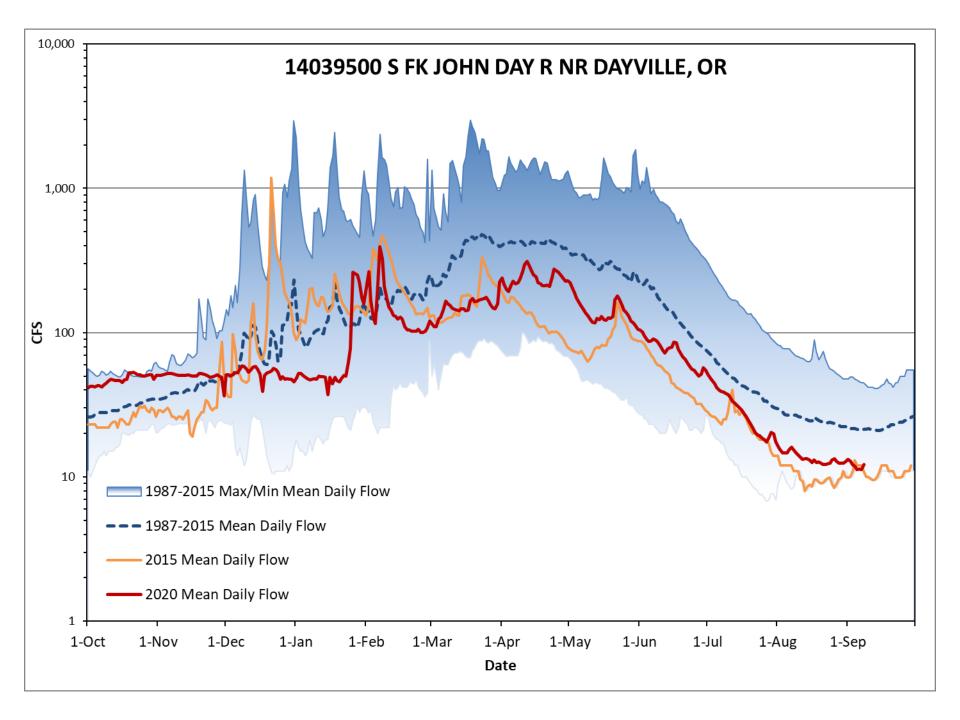


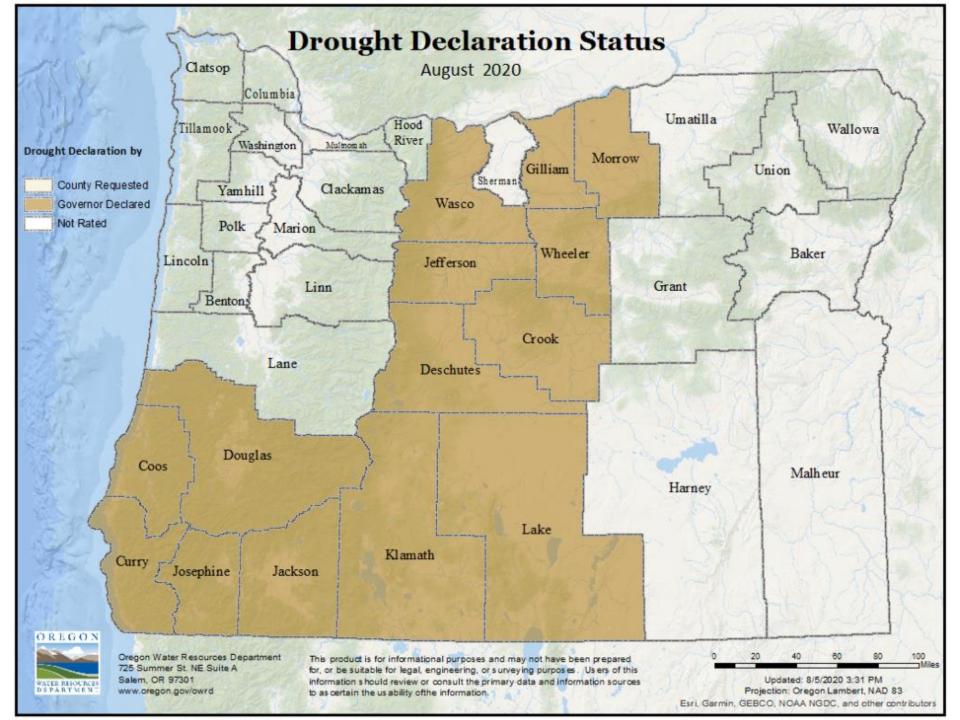














# Thank you

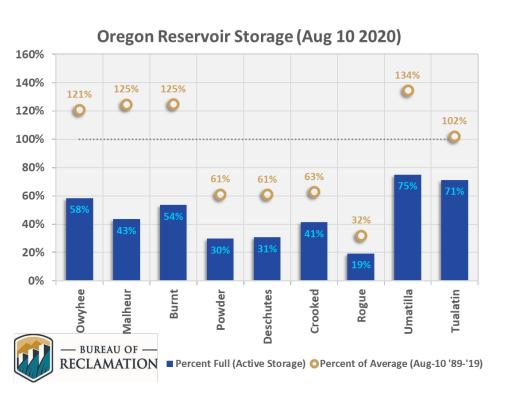


# Reclamation Storage Update

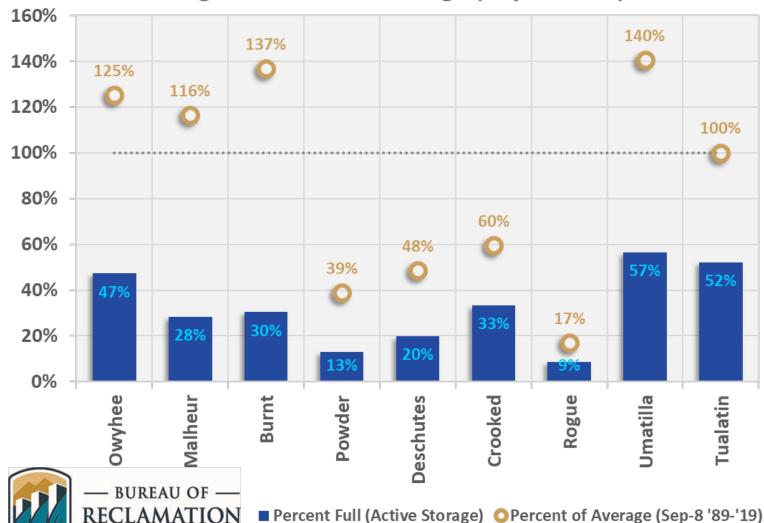
Oregon Water Supply Availability Committee Meeting

September 10, 2020

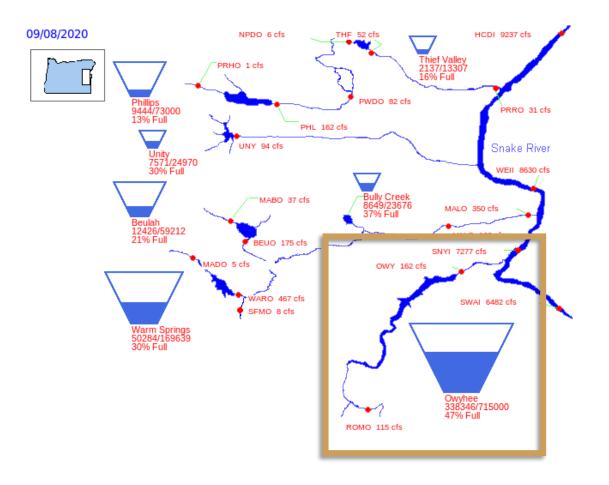
### Reservoir Storage Conditions

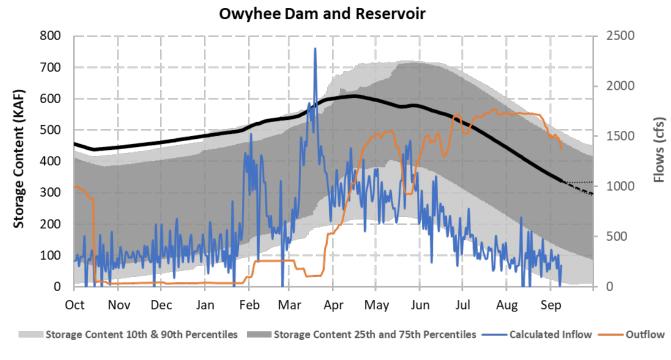


#### **Oregon Reservoir Storage (Sep 8 2020)**



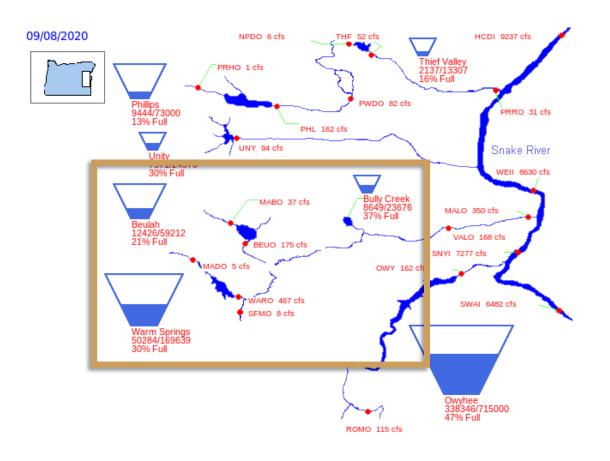
## Owyhee River Basin

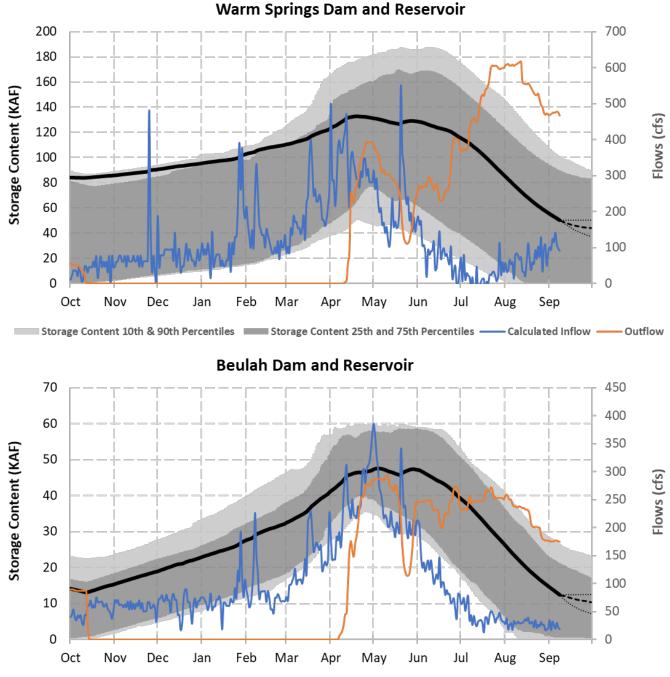




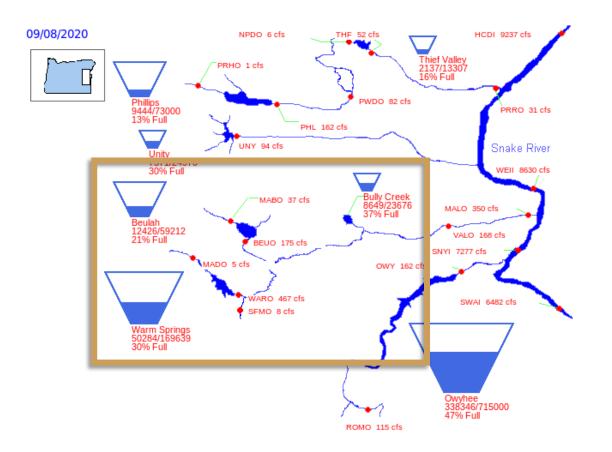


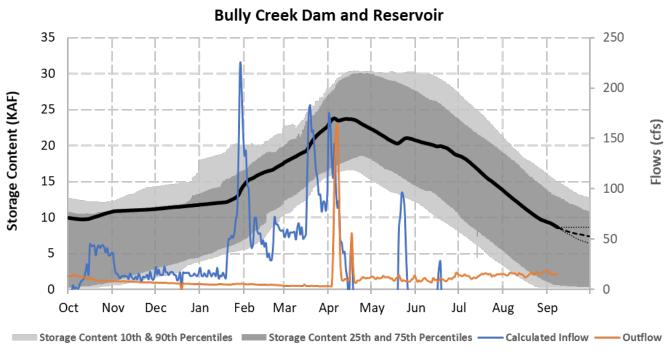
#### Malheur River Basin





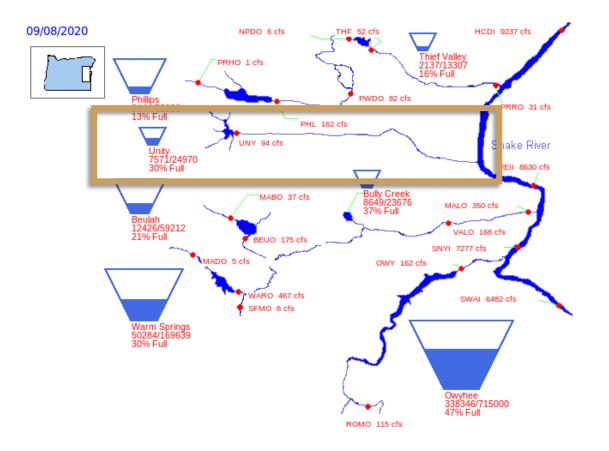
#### Malheur River Basin

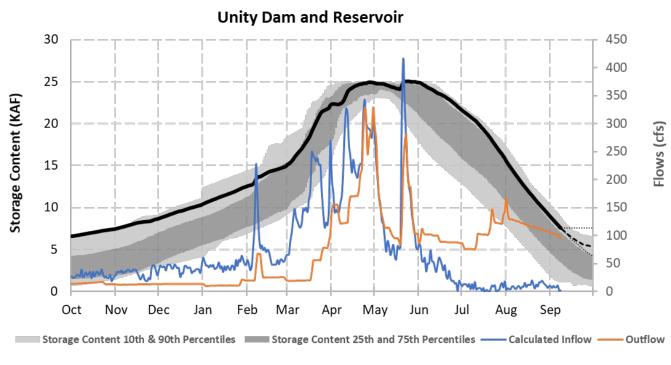






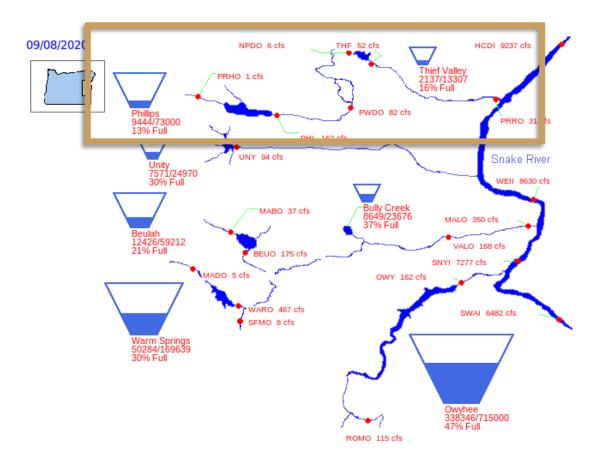
#### **Burnt River Basin**

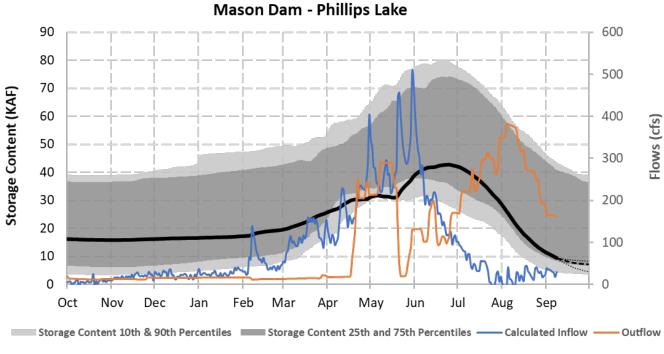




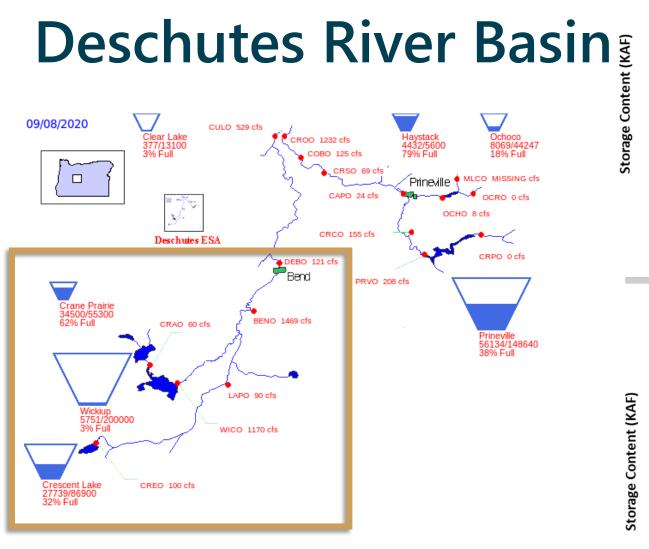


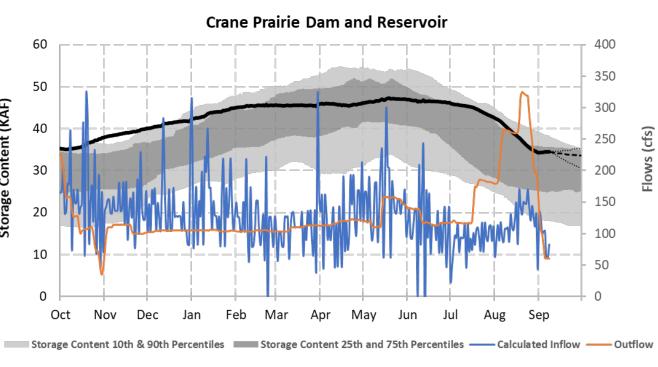
#### **Powder River Basin**

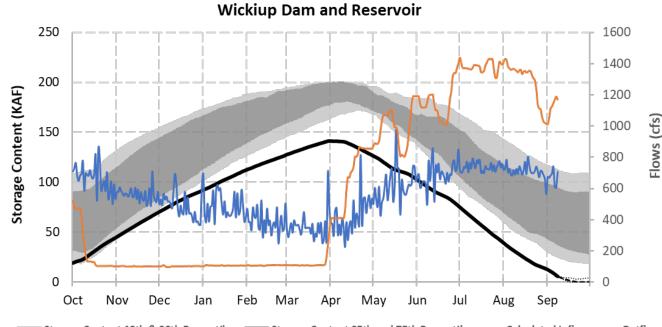




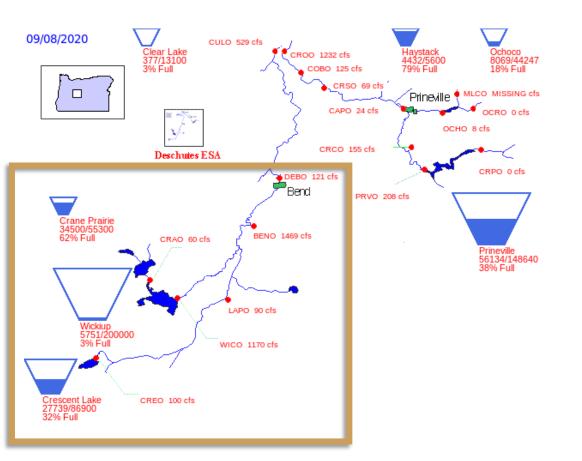


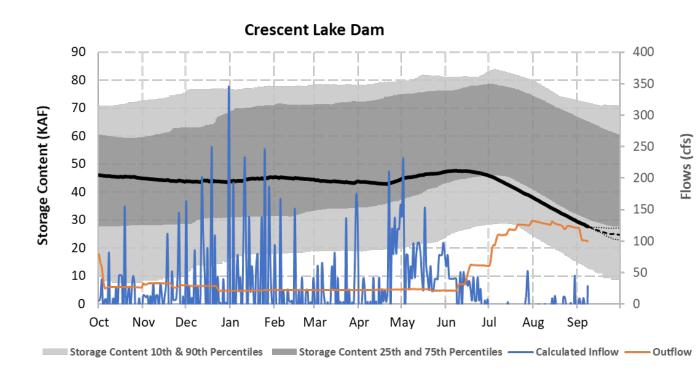






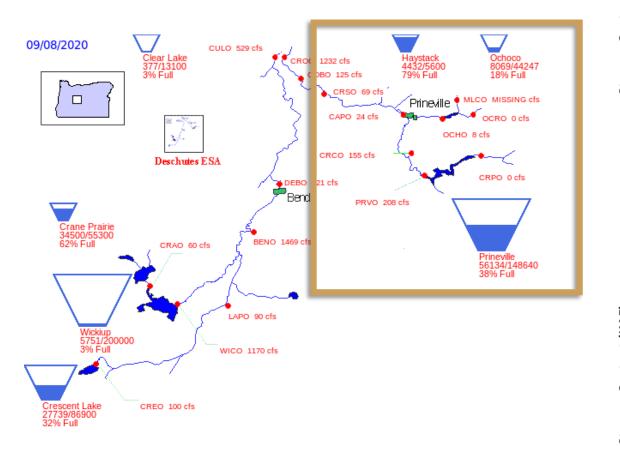
#### **Deschutes River Basin**

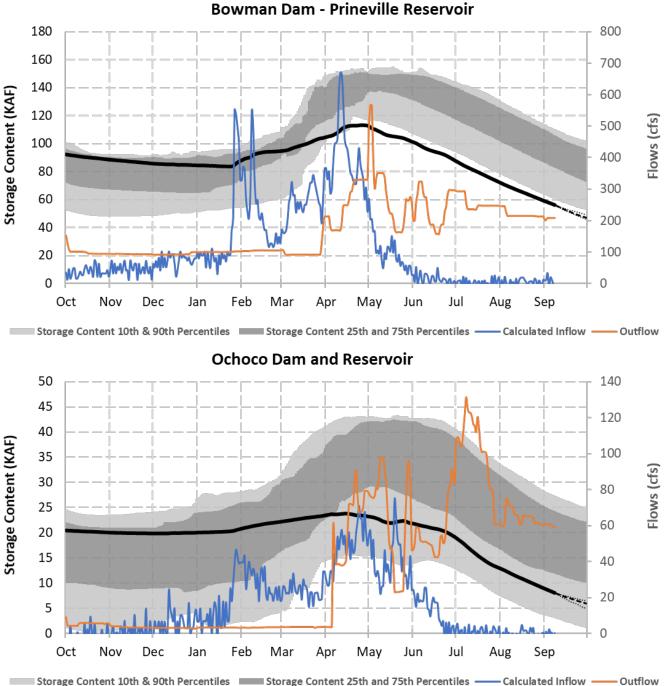




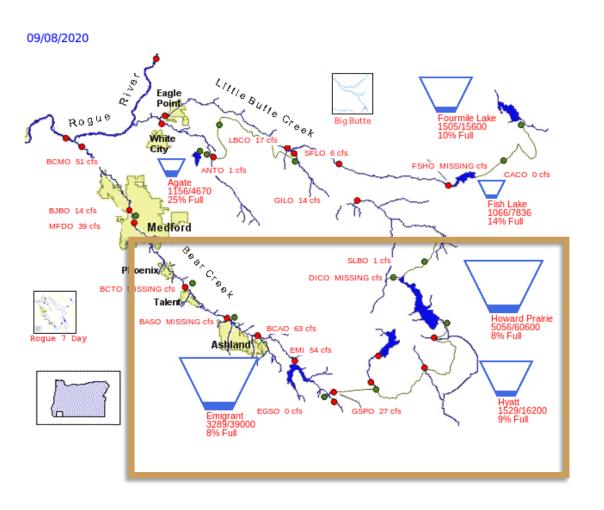


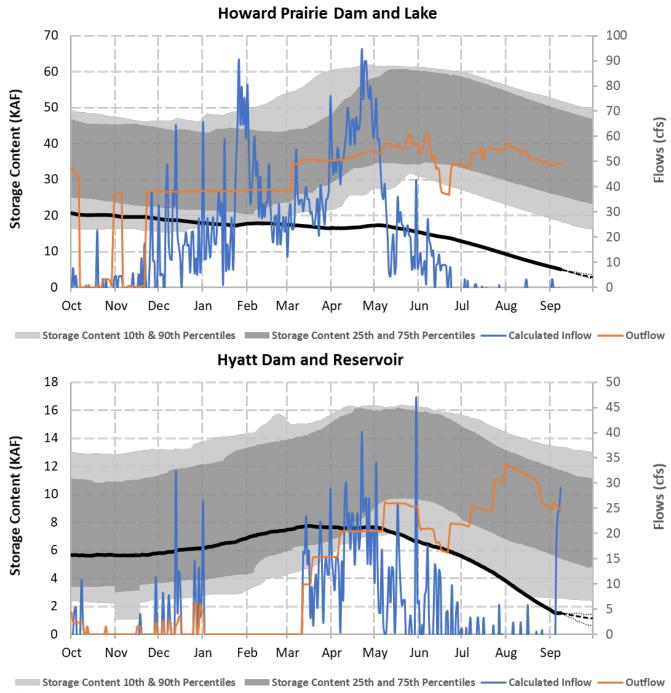
#### **Crooked River Basin**



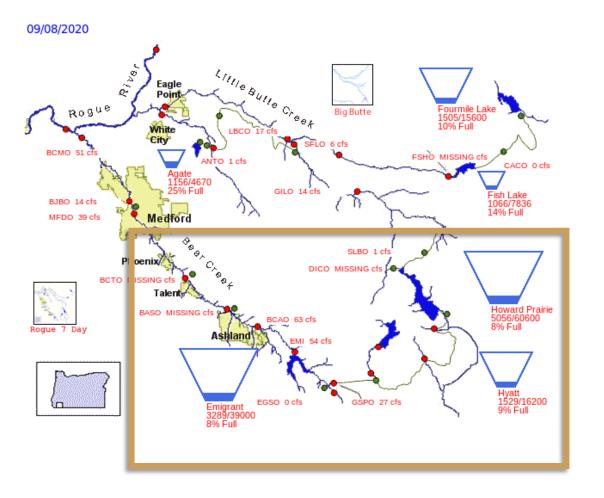


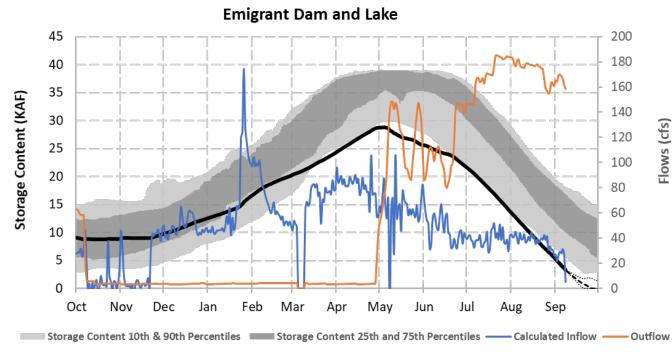
## Rogue River Basin





# Rogue River Basin

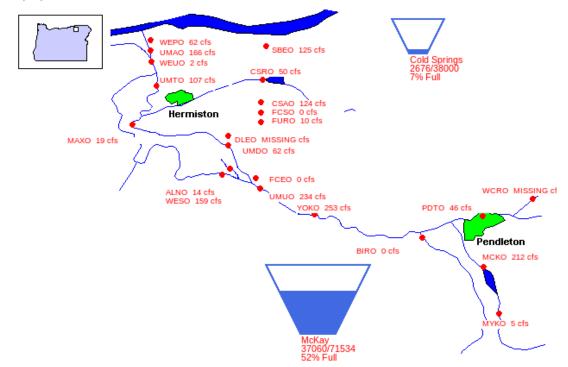


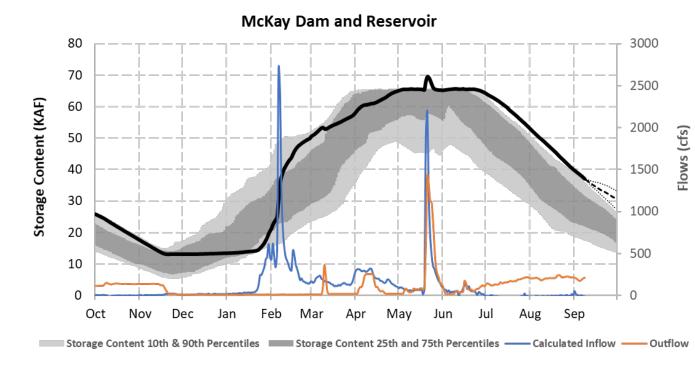




#### **Umatilla River Basin**

#### 09/08/2020







#### **Tualatin River Basin**

