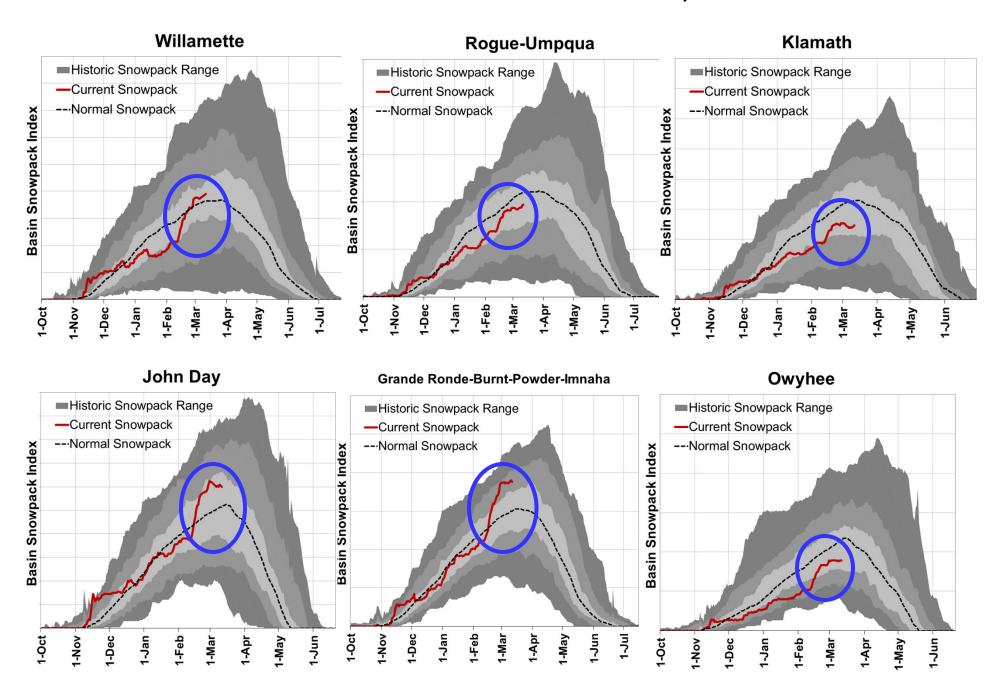
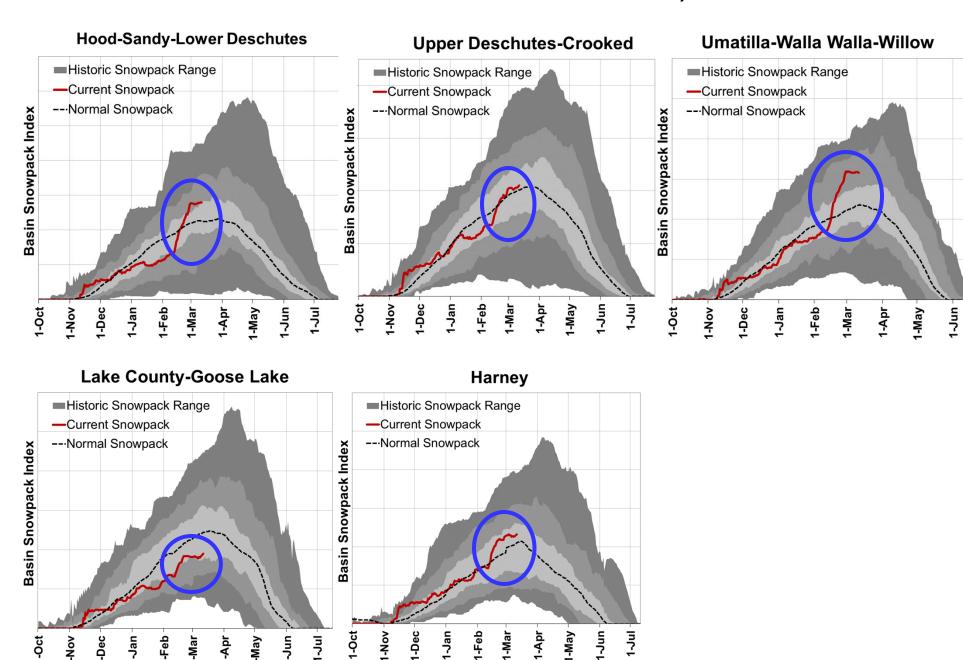


### **OREGON SNOWPACK GRAPHS – March 11, 2021**



### **OREGON SNOWPACK GRAPHS – March 11, 2021**



1-Jul

1Jun

1-0ct

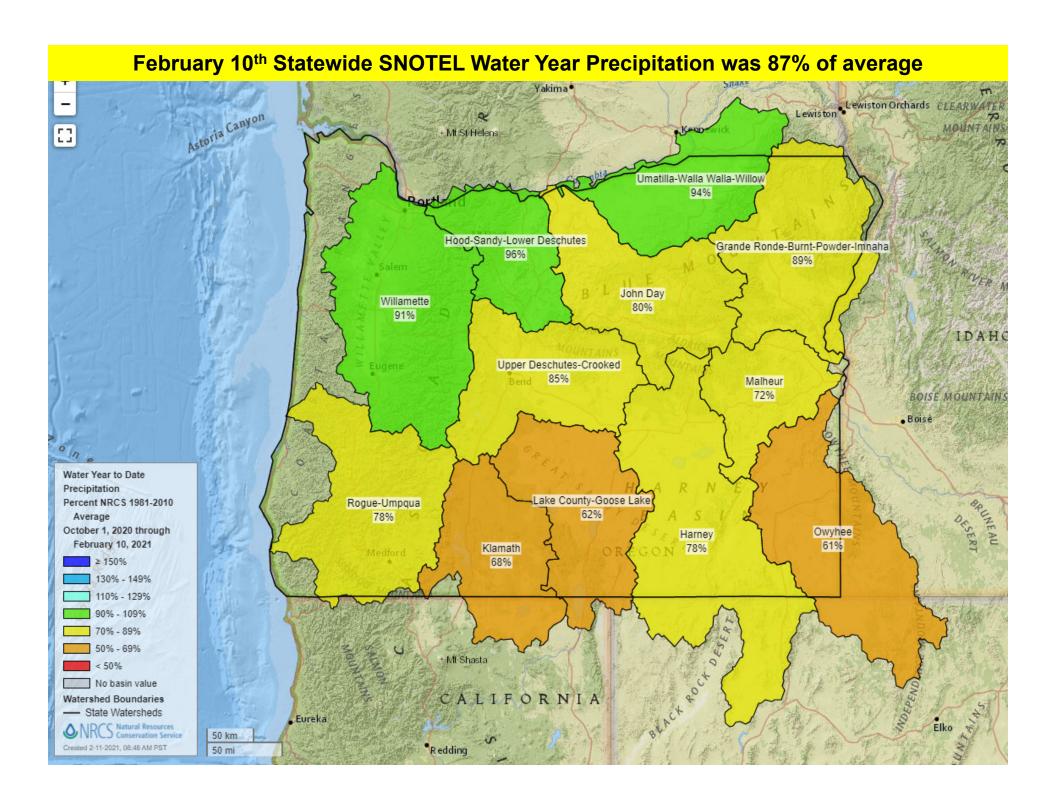
1-Nov

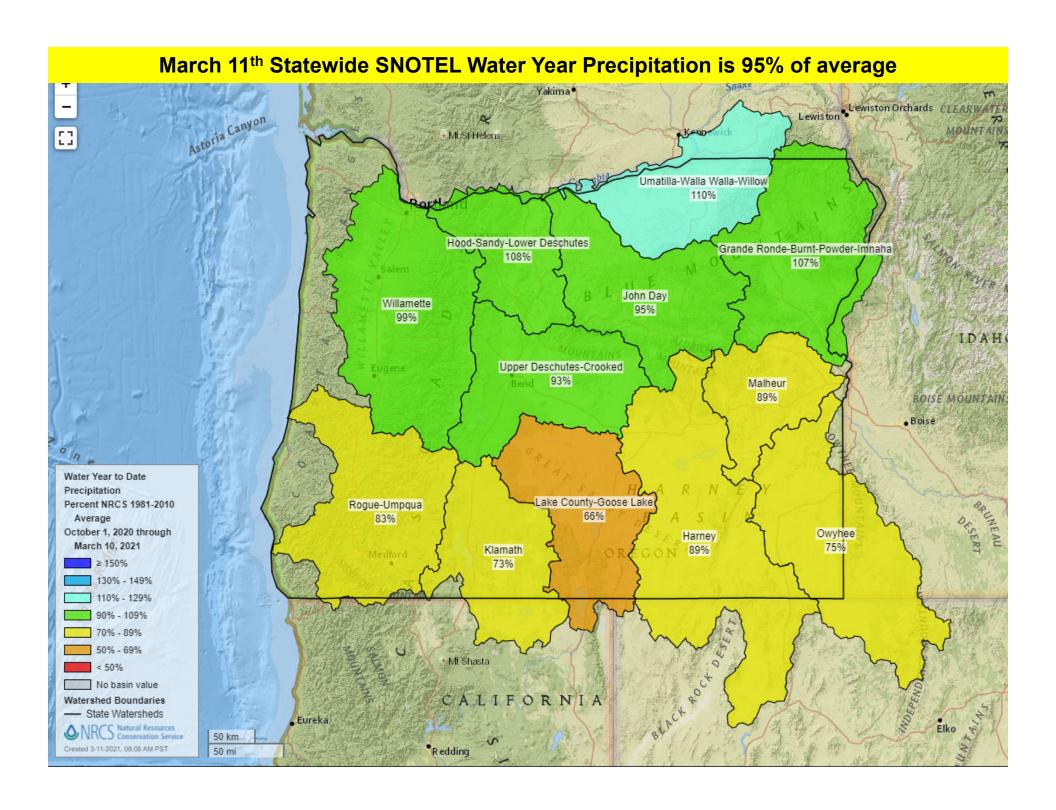
1-Dec

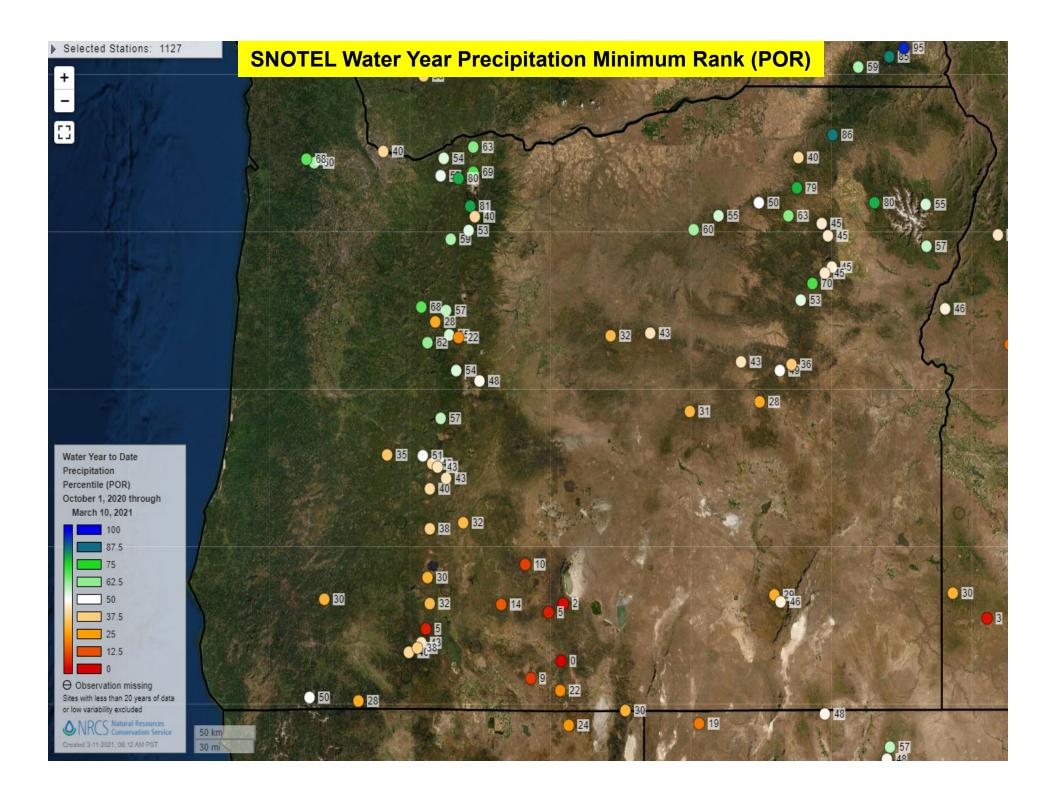
1-Feb

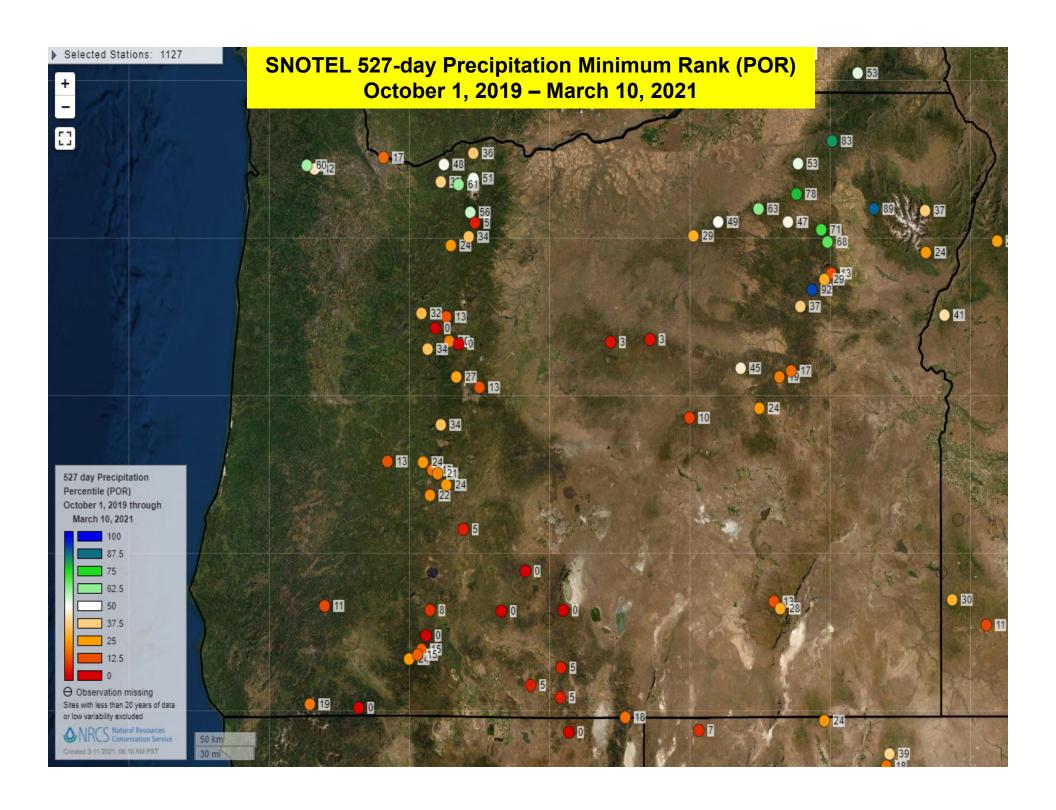
1-Mar

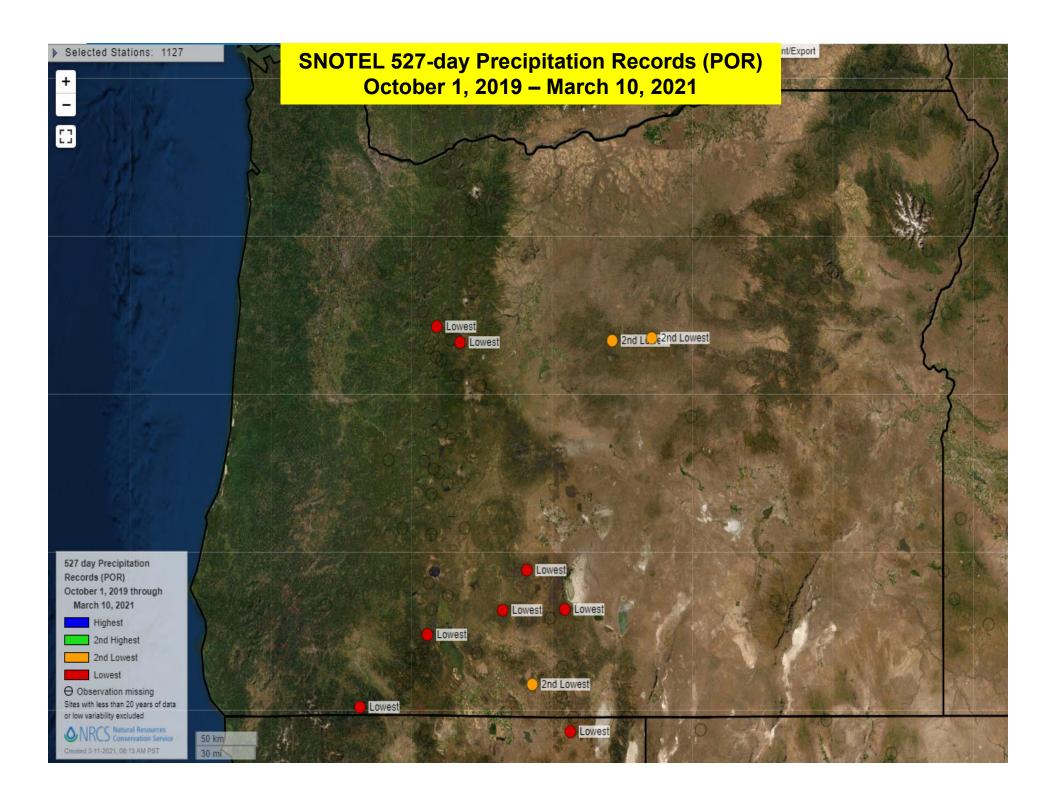
1-Apr

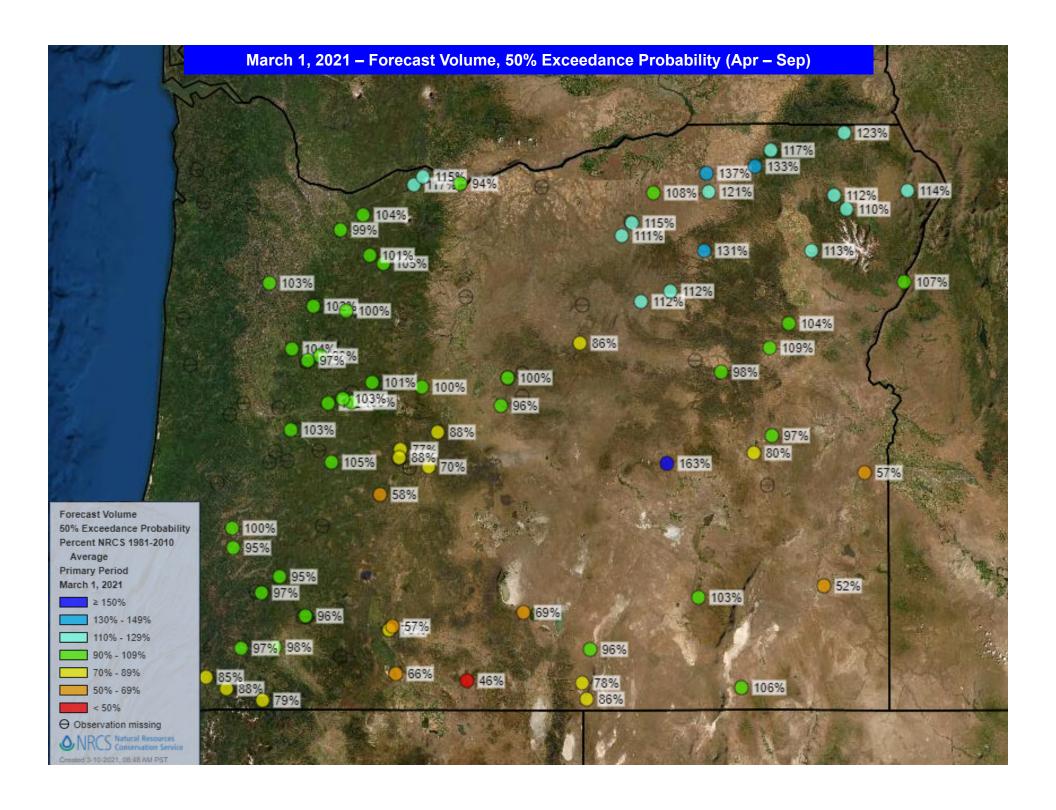


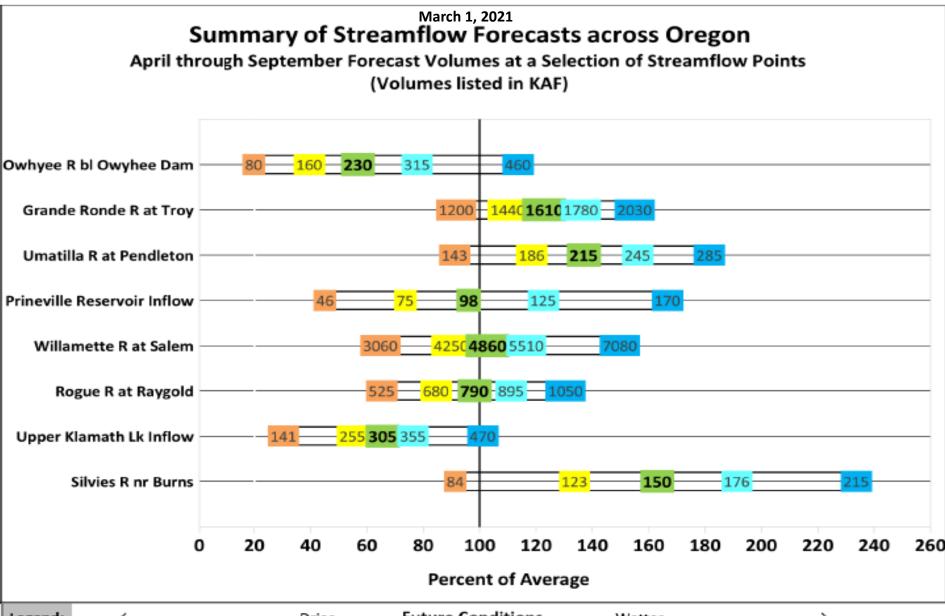












260 Legend: 50% Exceedance 10% Exceedance 90% Exceedance 70% Exceedance 30% Exceedance Forecast (KAF) Forecast (KAF) Forecast (KAF) Forecast (KAF) Forecast (KAF) There is a 90% chance that There is a 30% chance that There is a 70% chance that There is a 50% chance that There is a 10% chance that flows will exceed this volume. flows will exceed this volume.

### Thank you

In accordance with Federal civil rights law and U.S. Department of Agriculture (USDA) civil rights regulations and policies, the USDA, its Agencies, offices, and employees, and institutions participating in or administering USDA programs are prohibited from discriminating based on race, color, national origin, religion, sex, gender identity (including gender expression), sexual orientation, disability, age, marital status, family/parental status, income derived from a public assistance program, political beliefs, or reprisal or retaliation for prior civil rights activity, in any program or activity conducted or funded by USDA (not all bases apply to all programs). Remedies and complaint filing deadlines vary by program or incident.

Persons with disabilities who require alternative means of communication for program information (e.g., Braille, large print, audiotape, American Sign Language, etc.) should contact the responsible Agency or USDA's TARGET Center at (202) 720-2600 (voice and TTY) or contact USDA through the Federal Relay Service at (800) 877-8339. Additionally, program information may be made available in languages other than English.

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# Oregon WSAC



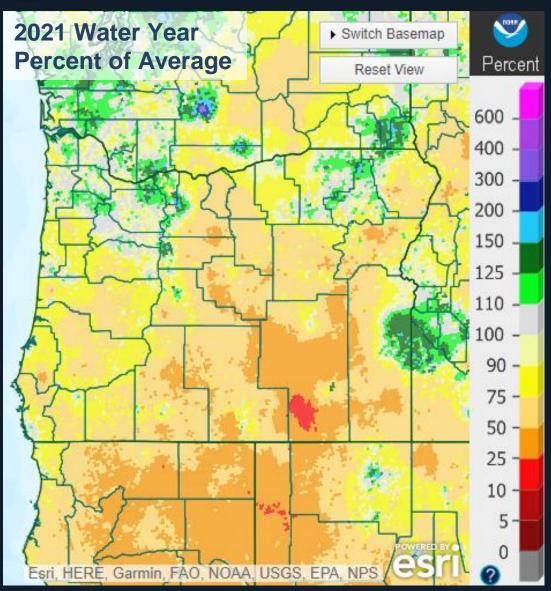
March 11, 2021

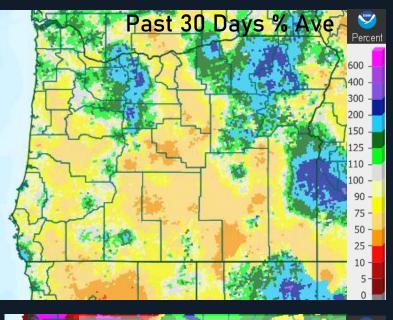
NWS Update on Precipitation & Temperatures

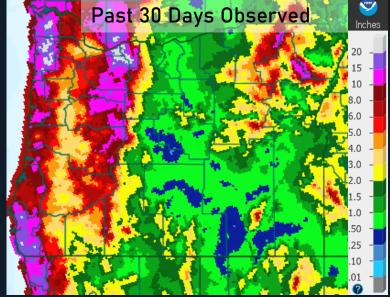
Andy Bryant
NOAA/NWS Portland
Weather Forecast Office



### Precipitation







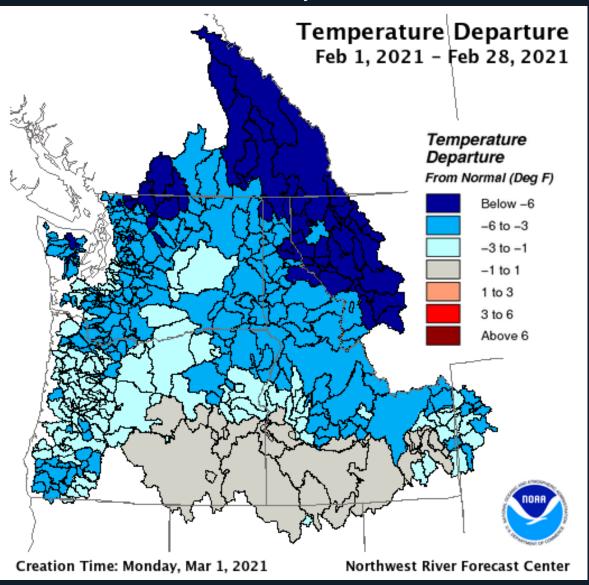
Precipitation Data as of March 10, 2021

Source: water.weather.gov/precip/index.php?location\_type=wfo&location\_name=pqr



# Recent Temperatures

February 2021





# **Drought Monitor**

U.S. Drought Monitor

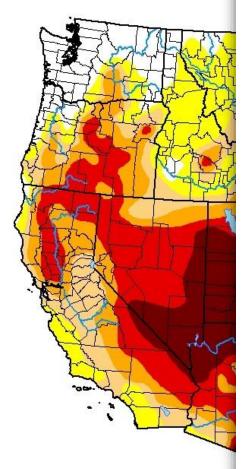
February 9, 2021

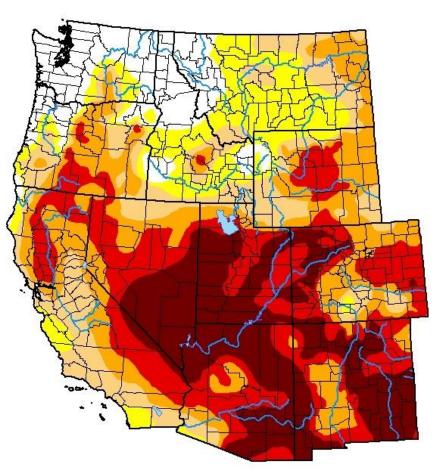
West (Released Thursday, Feb. 11, 2021)

U.S. Drought Monitor
West

March 9, 2021 (Released Thursday, Mar. 11, 2021)

Valid 7 a.m. EST





#### Intensity:

None

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. For more information on the Drought Monitor, go to https://droughtmonitor.unl.edu/About.aspx

#### Author:

Brian Fuchs National Drought Mitigation Center





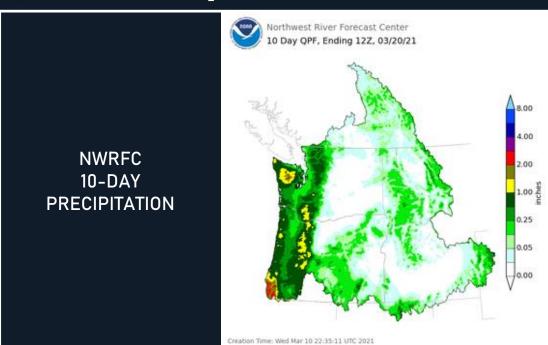


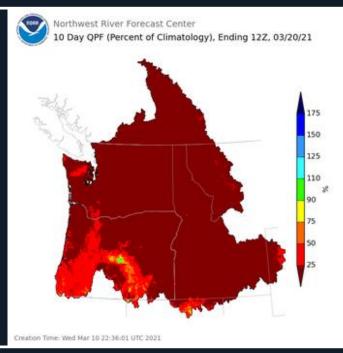


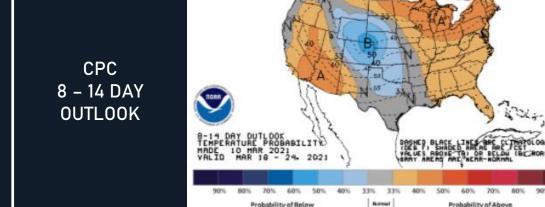
droughtmonitor.unl.edu

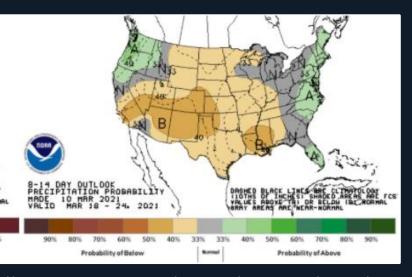


# Mid/Late February Outlook



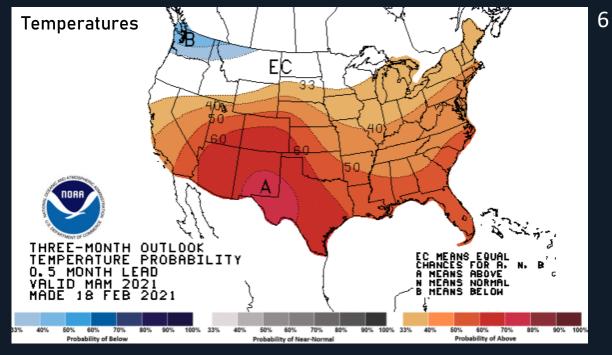


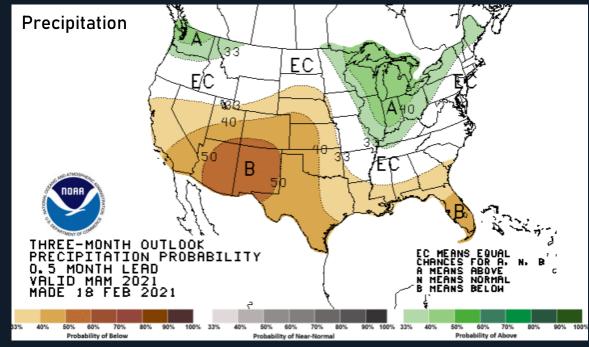






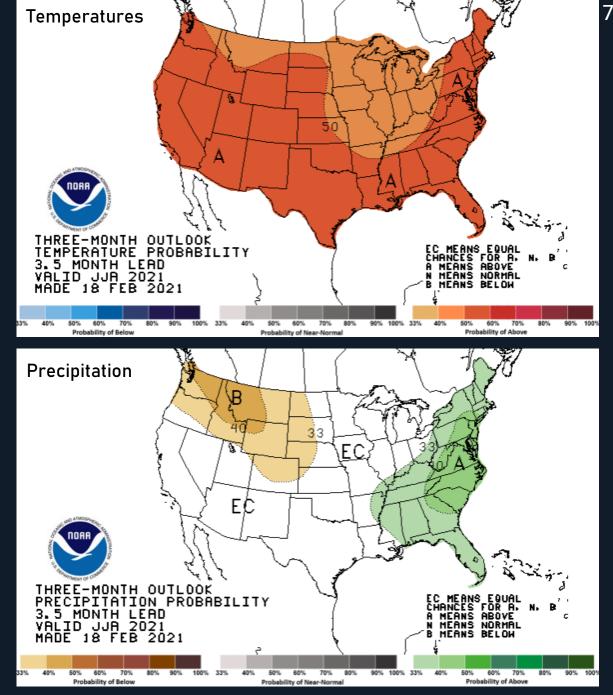
# Climate Prediction Center Outlook Mar - Apr - May 2021







# Climate Prediction Center Outlook Jun - Jul - Aug 2021





Oregon Water Supply Availability Meeting

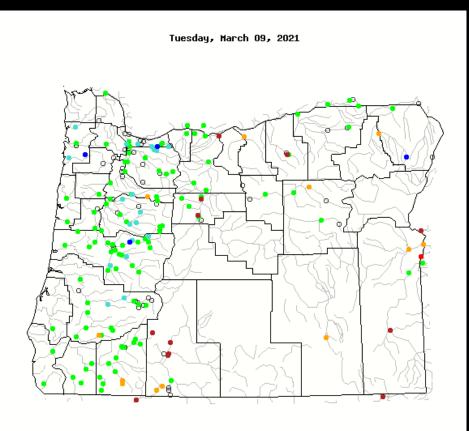


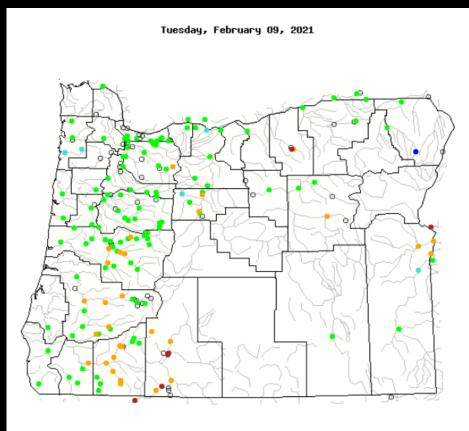
U.S. Department of the Interior U.S. Geological Survey

USGS Update on Surface Water Conditions
Carrie Boudreau & Marc Stewart
Oregon Water Science Center

### **Streamflow Conditions**

### 28-day Average Streamflow (as compared to Historical Record)

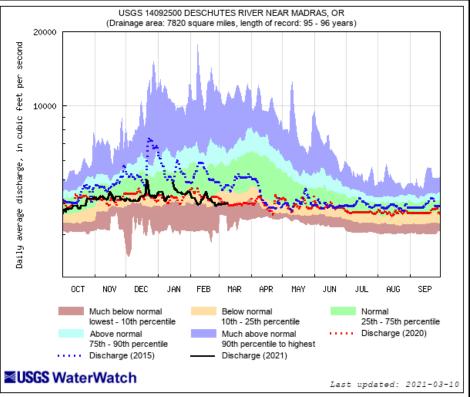


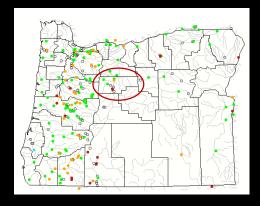


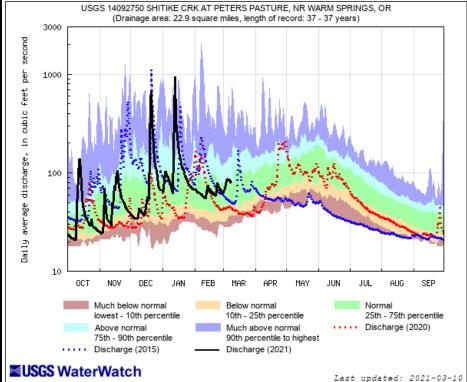


Explanation - Percentile classes							
		_	•			•	0
Low	<10	10-24	25-75	76-90	>90	Llink	Not-ranked
	Much below normal	Below normal	Normal	Above normal	Much above normal	High	

### **Deschutes Basin**

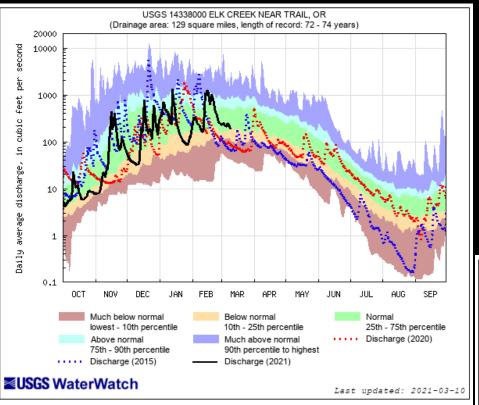




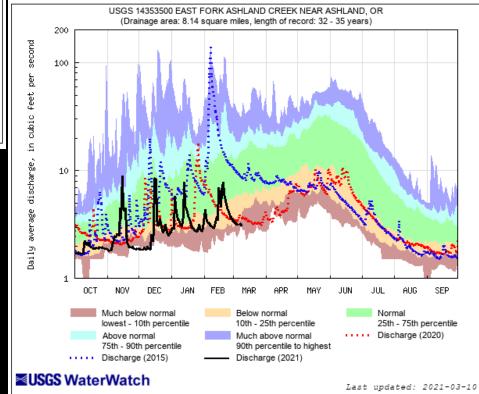




### Southern Oregon

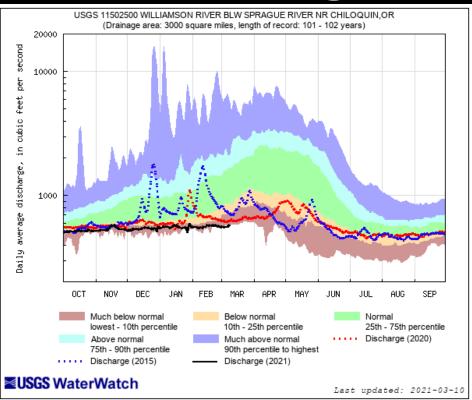




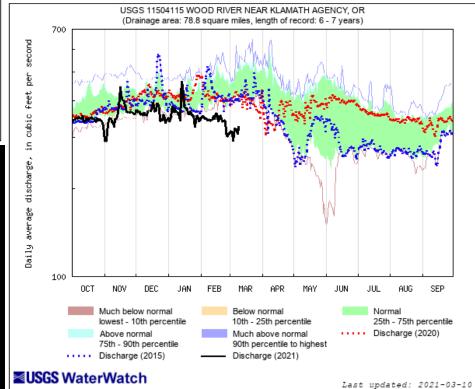




## Southern Oregon



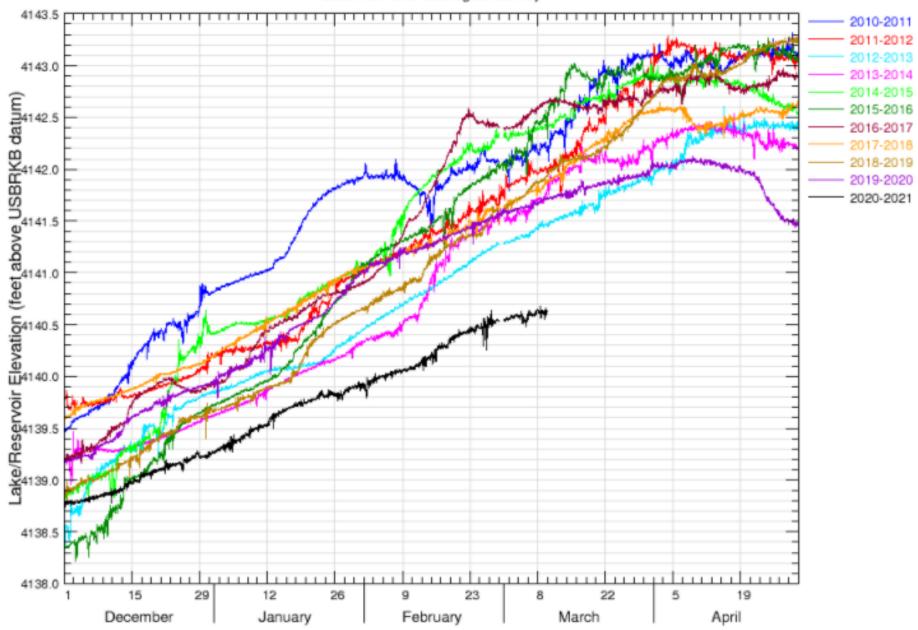


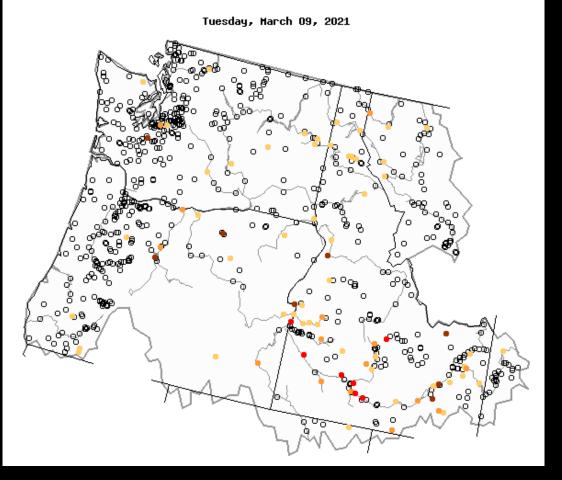




### Upper Klamath Lake nr Klamath Falls, OR [weighted/mean] (11507001)



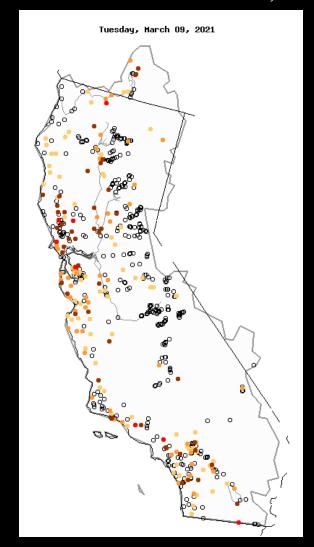




Explanation - Percentile classes							
•	•	•	_	0			
New low	<=5	6-9	10-24	Not ranked			
Extreme hydrologic drought	Severe hydrologic drought	Moderate hydrologic drought	Below normal	Not ranked			



Map of below normal 28-day average streamflow compared to historical streamflow for the day of year (Pacific Northwest & CA)



Station	NRCS SWSI Basin	Monthl disc Cubic feet per second	y mean harge Percent of average	in dis- charge from previous month (percent)	Accumulated Runoff For the Period Oct. to Feb.  Percent of average
Donner Und Blitzen nr Frenchglen			39		58
(*)Deep Creek above Adel	Lake County	21	18	-13	25
(*)Chewaucan River near Paisley	Lake County	38	30	-12	46
Williamson River near Chiloquin	Klamath	551	43	1	59
Owyhee River near Rome	Owyhee	231	20	20	36
(*)NF Malheur River near Beulah	Malheur	49	42	-11	66
Grande Ronde R at Troy	Grande Ronde Powder/Burnt	1,740	54	-11	81
Umatilla River nr Gibbon	Umatilla Lower John Day	177	50	-49	95
John Day River at Service Crk	Upper John Day	967	37	12	46
(*)Little Deschutes River nr LaPine	Upper Deschutes	70	39	-20	58
Hood River nr Hood River	Lower Deschutes Mt.Hood	1,130	78	-41	99
Willamette River at Salem	Willamette	37,200	110	-27	97
Wilson River near Tillamook	North Coast	2,940	142	-20	124
Umpqua River near Elkton	Rogue/Umpqua	15,700	118	35	77
Rogue River near Agness	Rogue/Umpqua	9,770	104	51	65
SF Coquille River at Powers	South Coast	2,380	153	10	94
Chetco River near Brookings	South Coast	5,910	129	-5	90



All data should be considered provisional and subject to revision.

Percent of average computed using 30-year base period, water years 1981-2010.

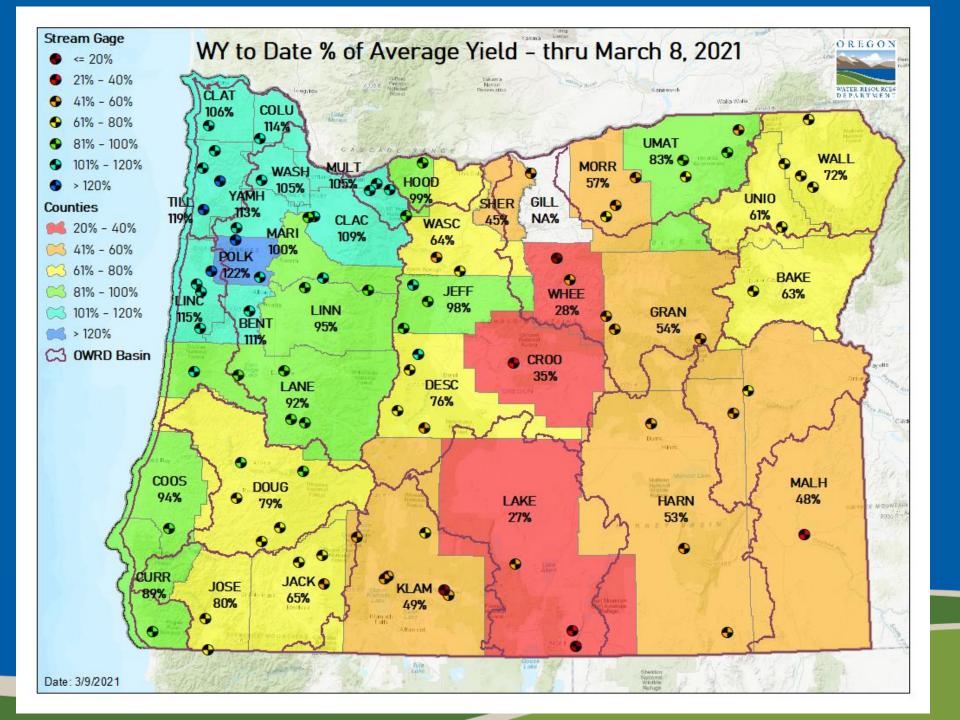
(\*) provided by Oregon Water Resources Department

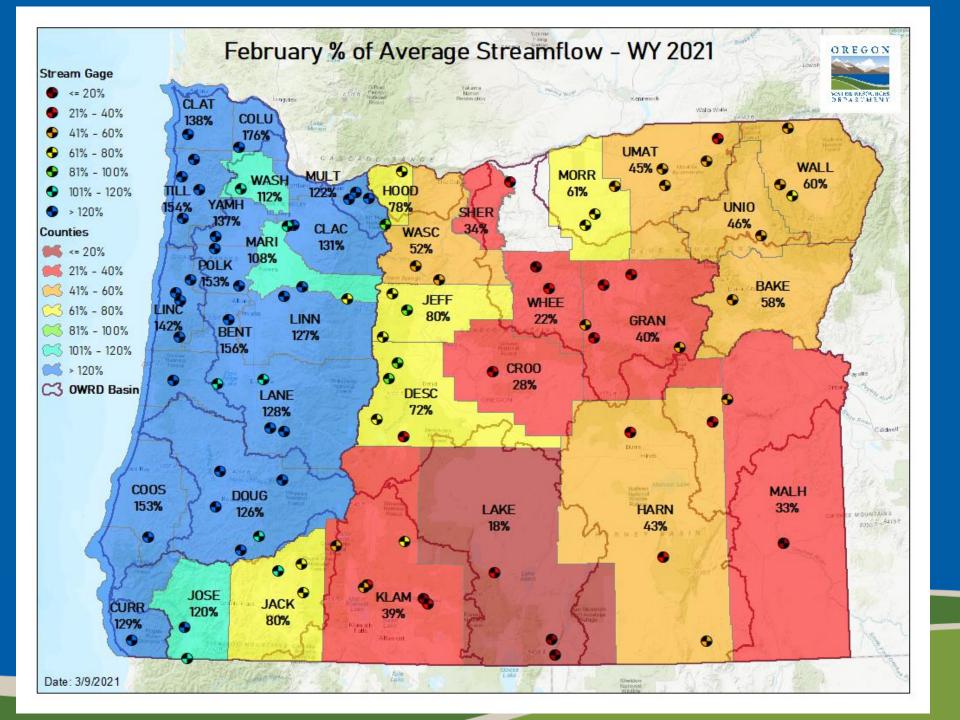
### Water Supply **Availability** Committee

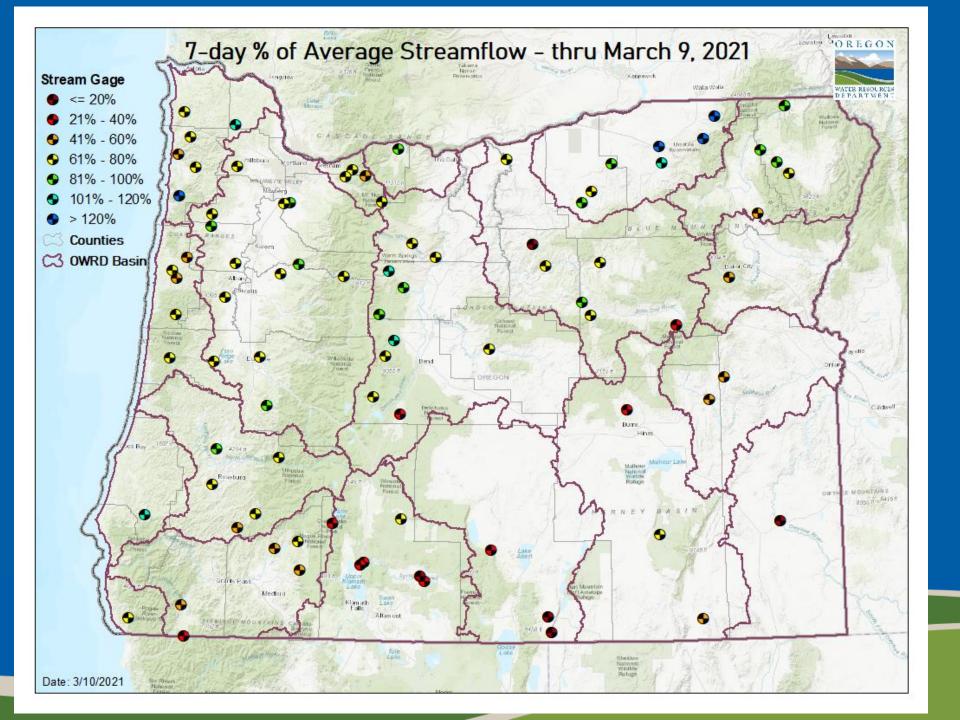


Ryan Andrews Oregon Water Resources
Department March 8<sup>th</sup>, 2021

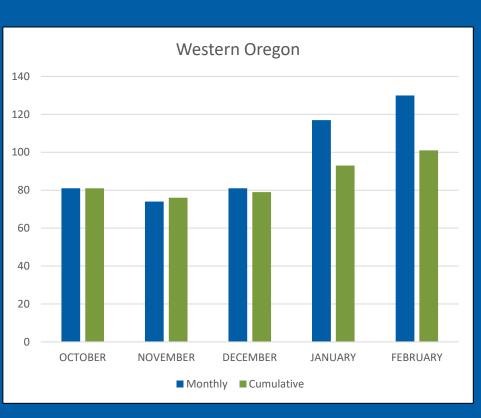


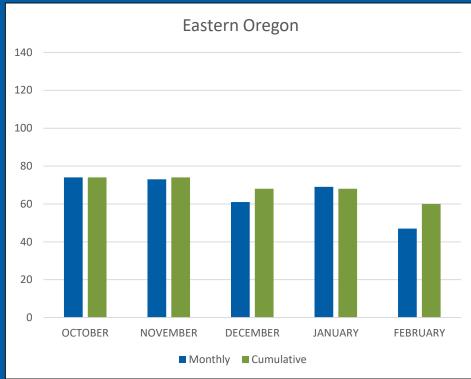


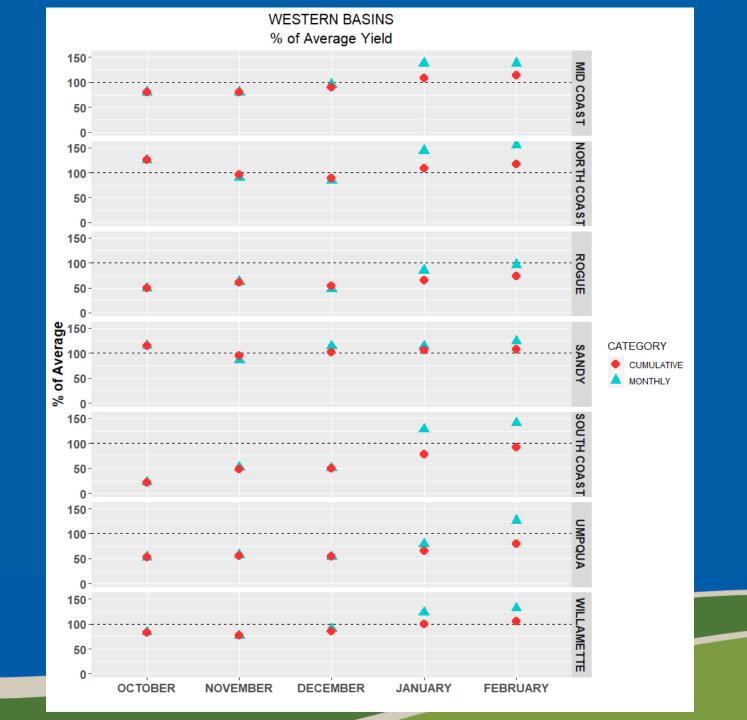


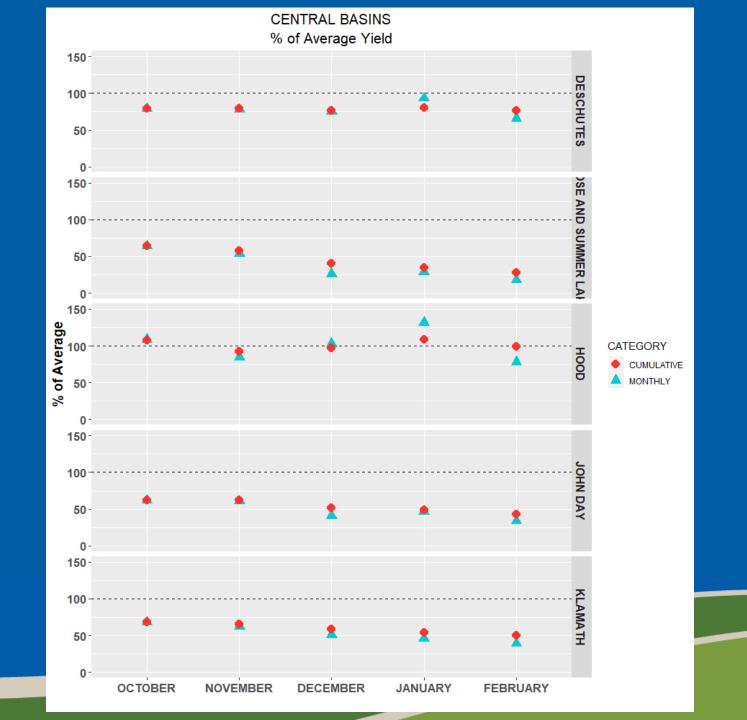


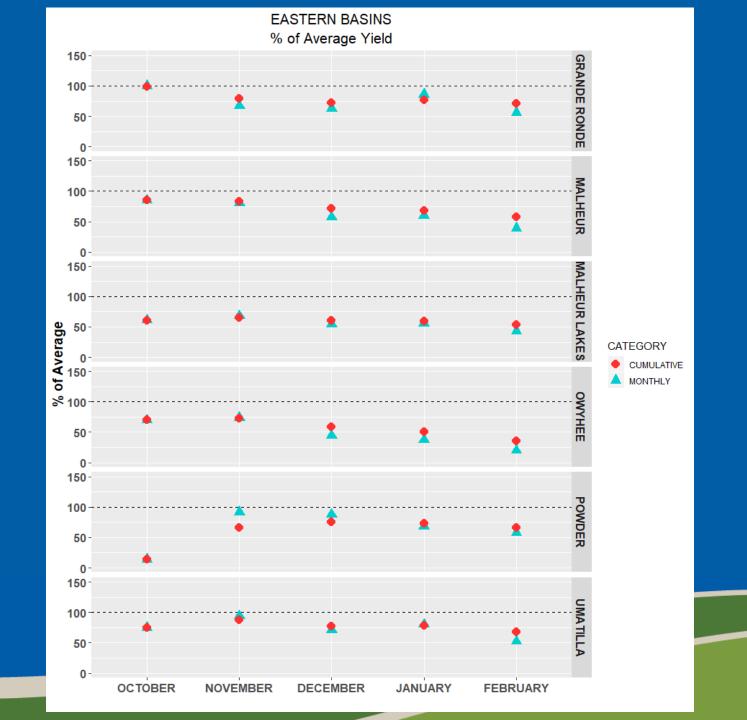
### Regional Averages

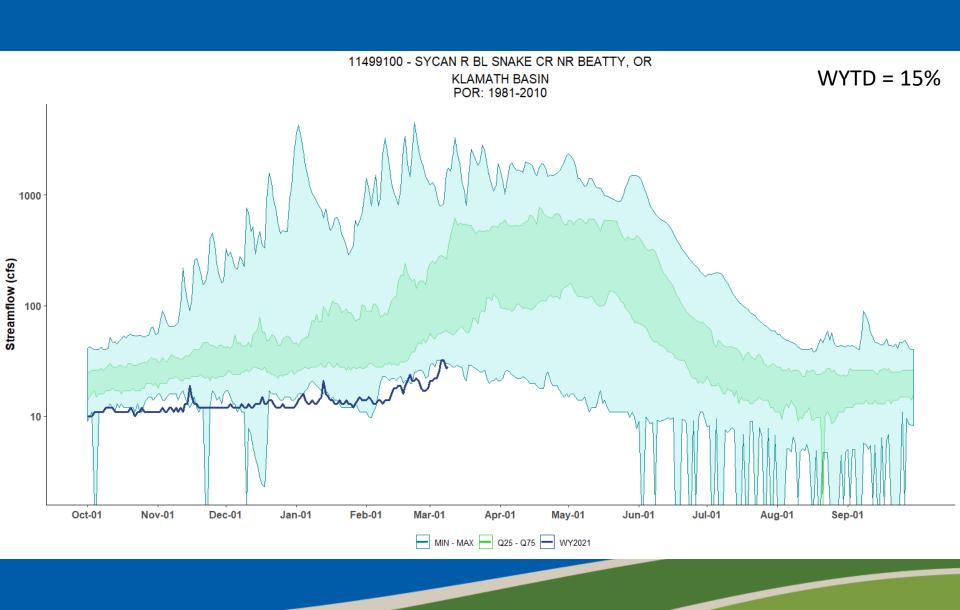


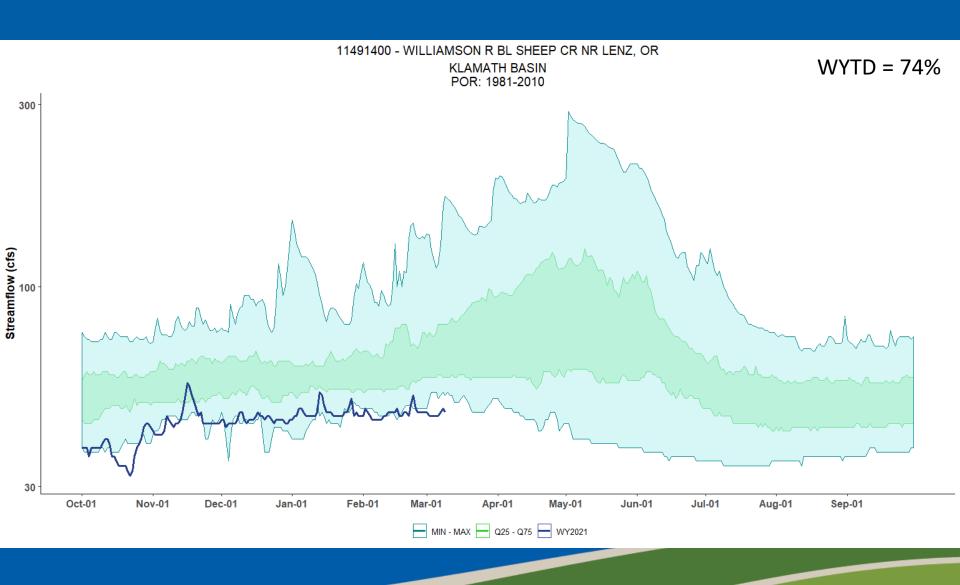


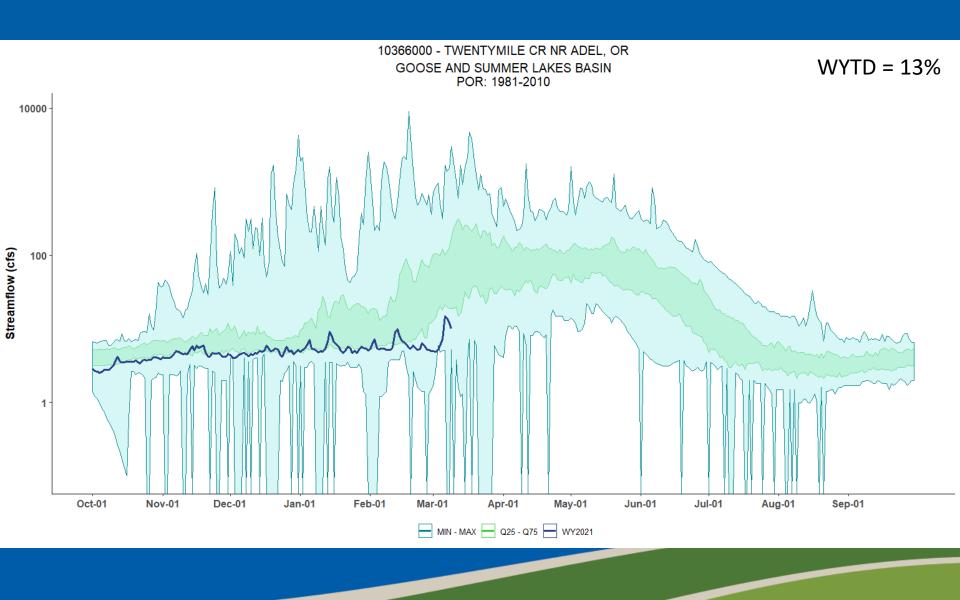


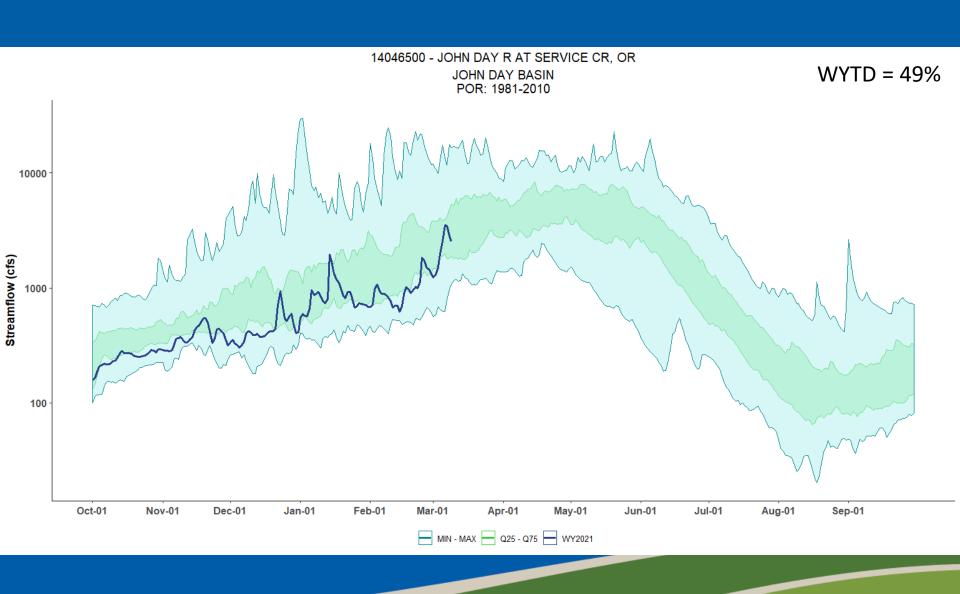


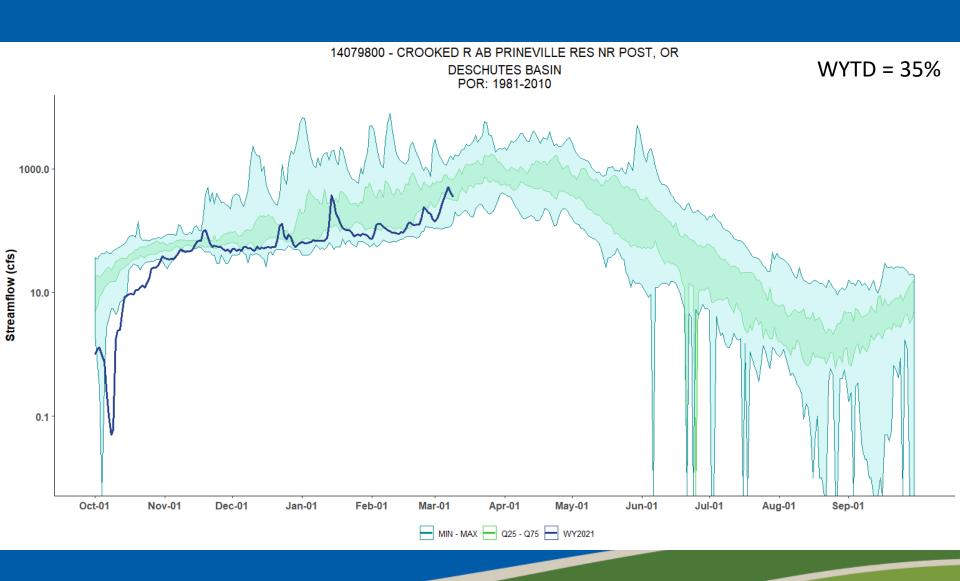


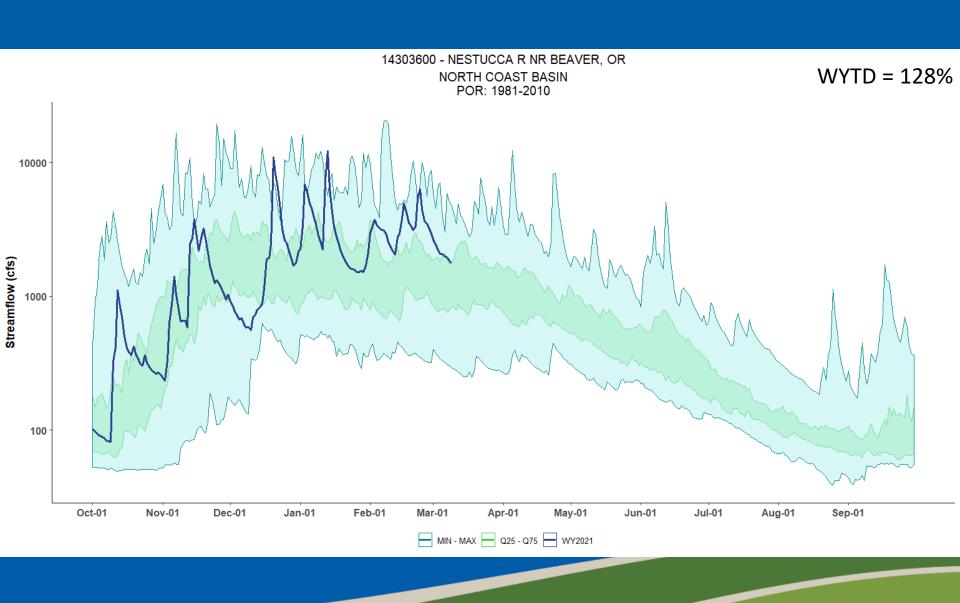


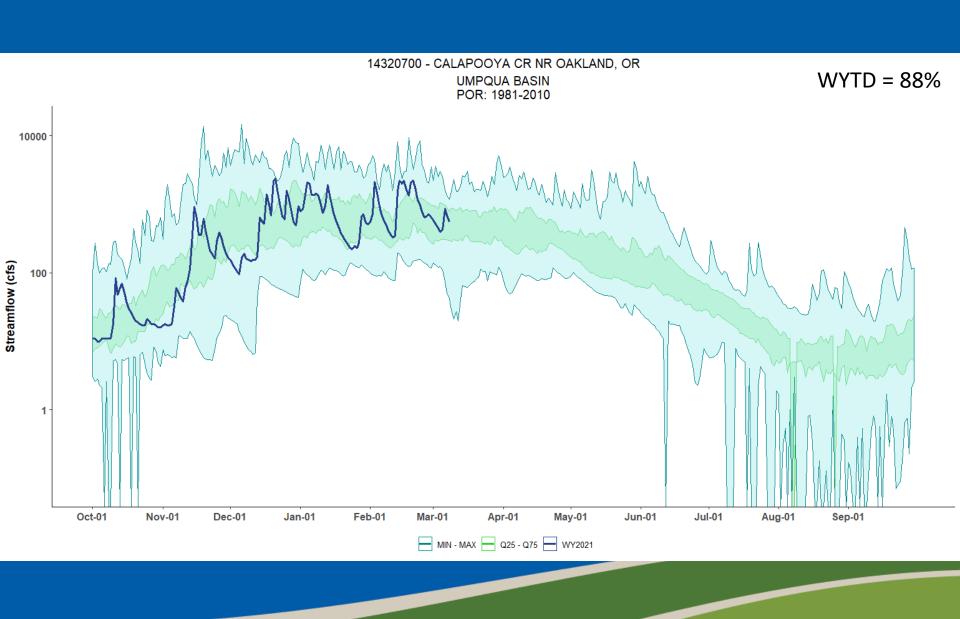














## **QUESTIONS?**

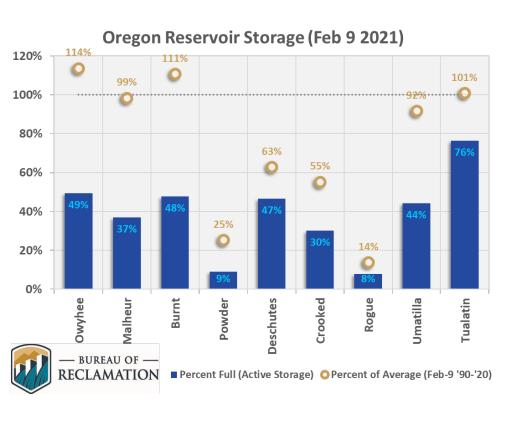


# Reclamation Storage Update

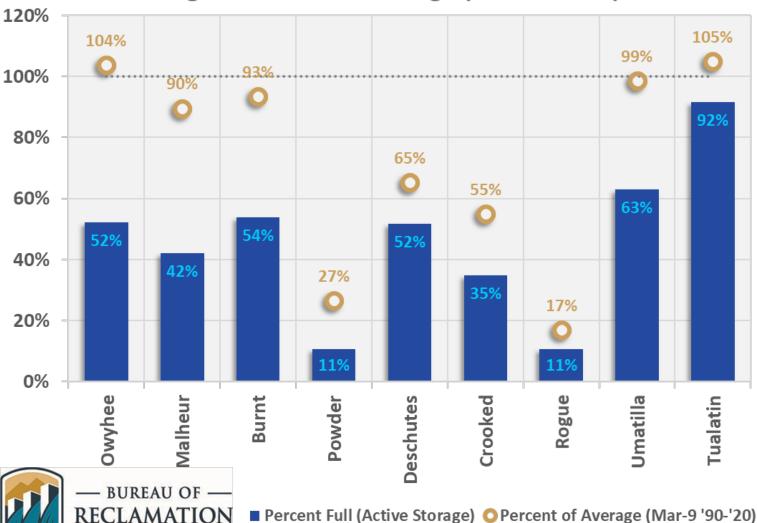
Oregon Water Supply Availability Committee Meeting

March 11, 2021

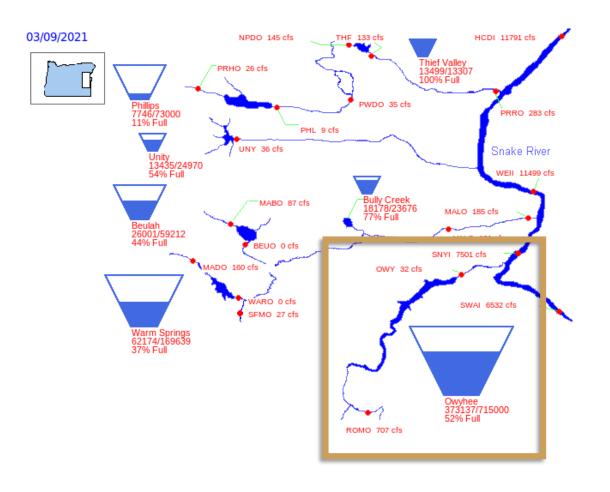
# Reservoir Storage Conditions

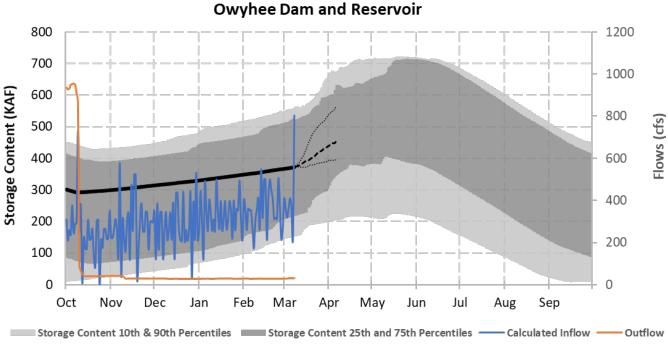


#### **Oregon Reservoir Storage (Mar 9 2021)**



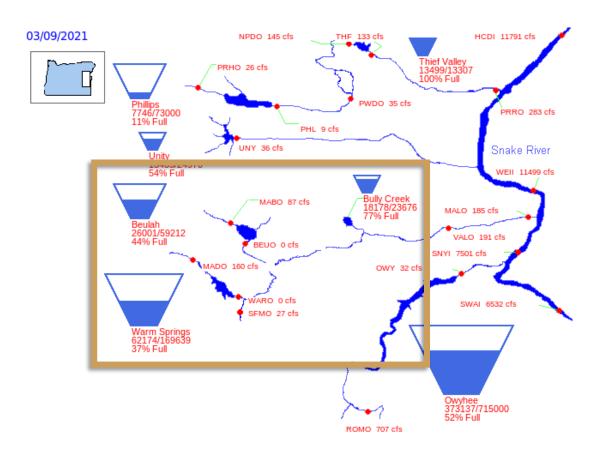
# Owyhee River Basin

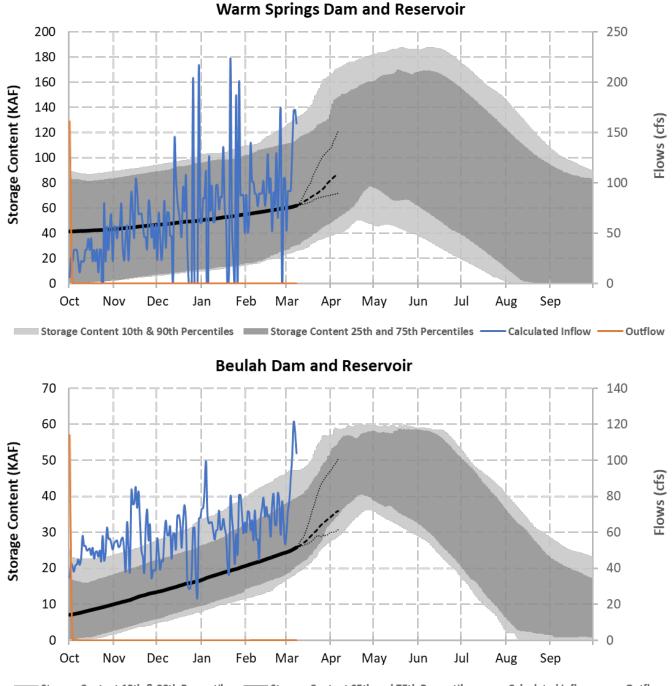




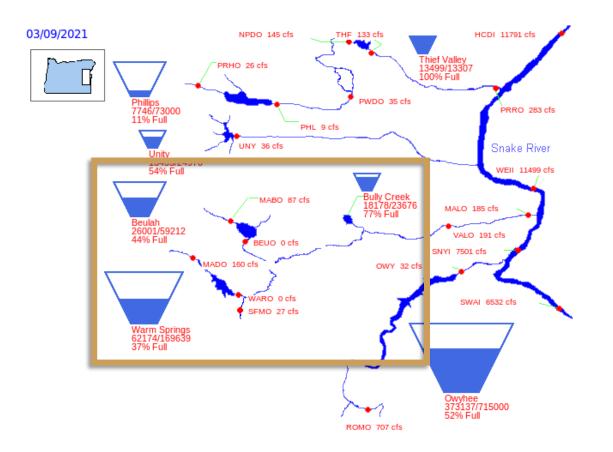


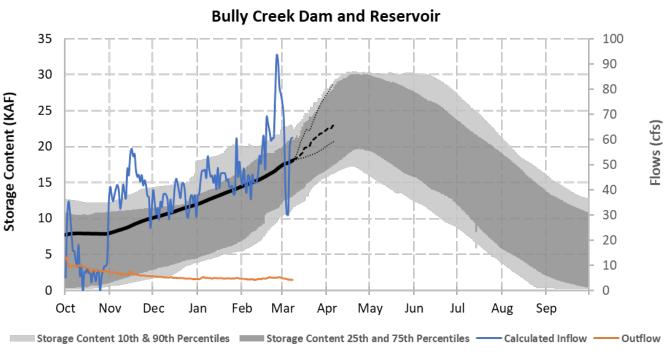
#### Malheur River Basin





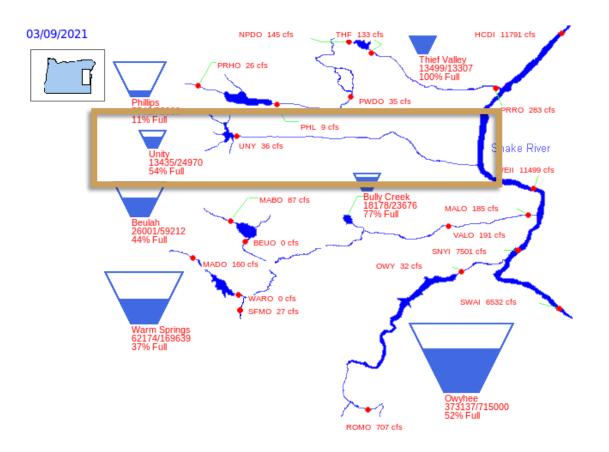
#### Malheur River Basin

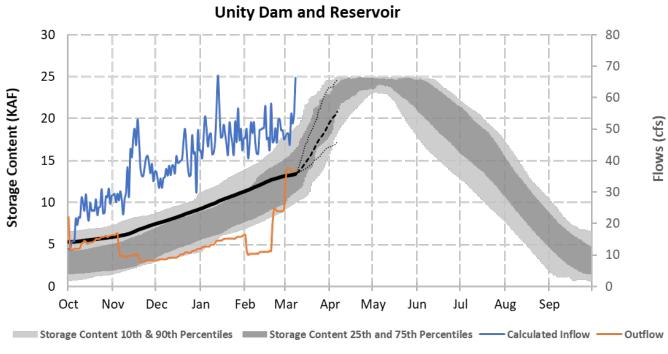






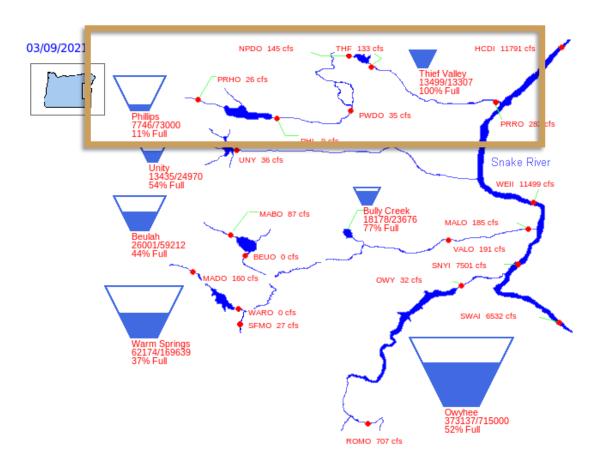
#### **Burnt River Basin**

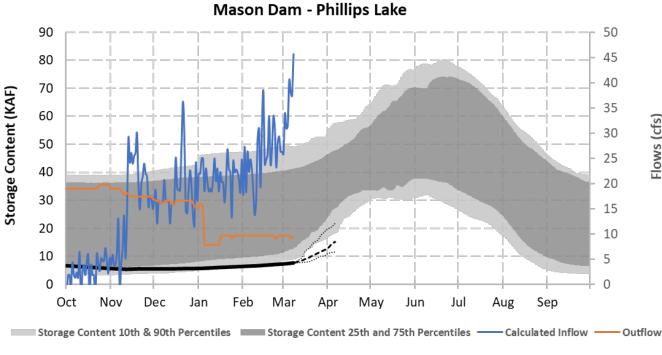






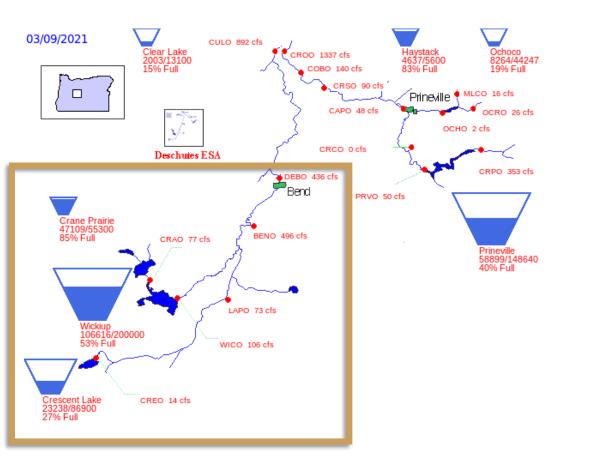
#### **Powder River Basin**

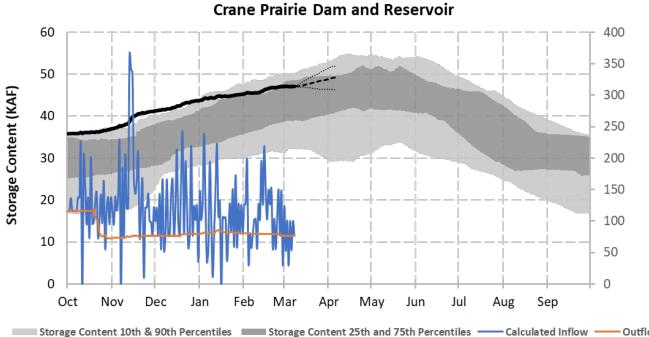


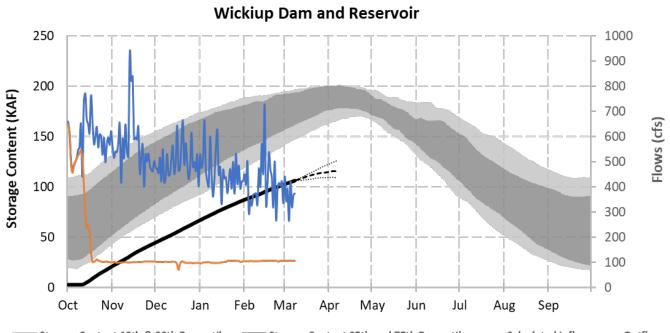




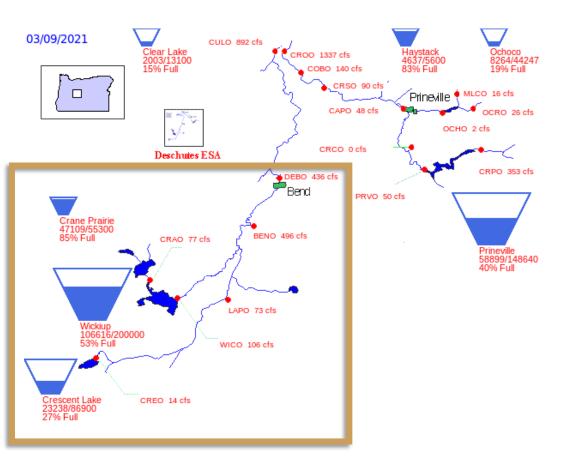
### **Deschutes River Basin**§

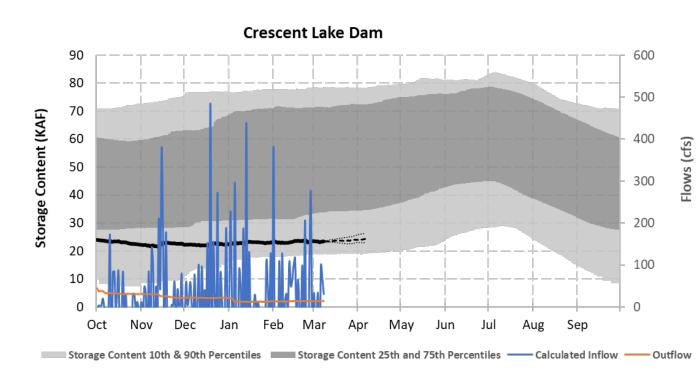






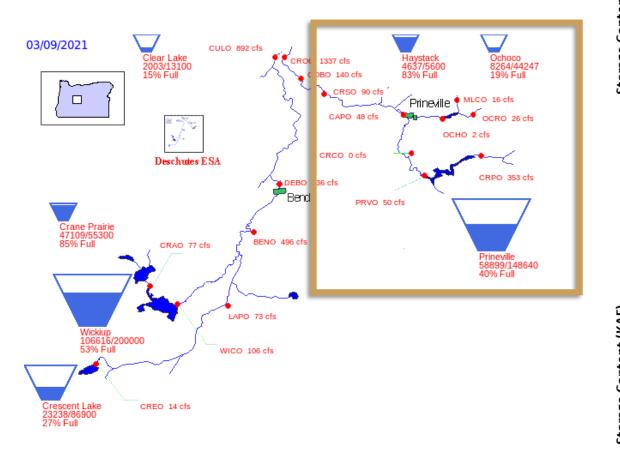
### **Deschutes River Basin**

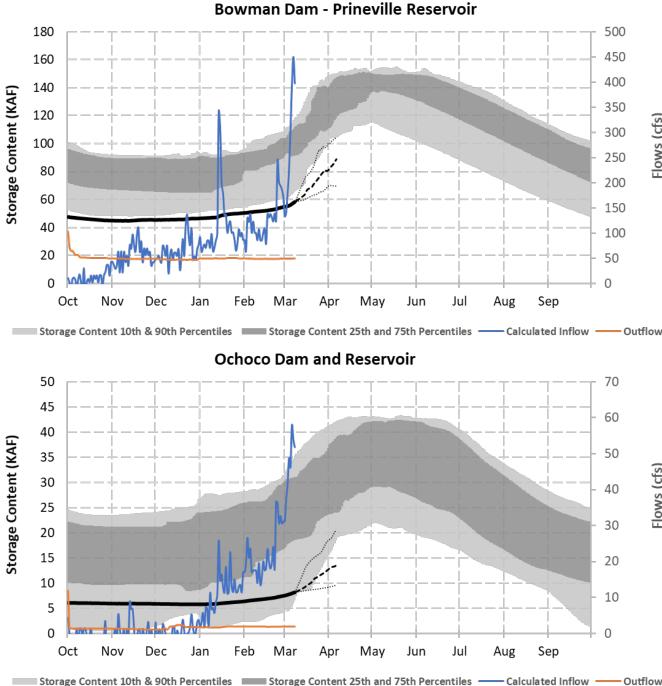




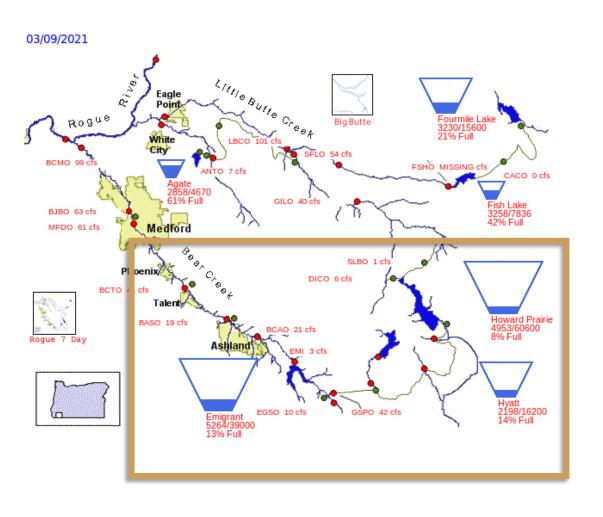


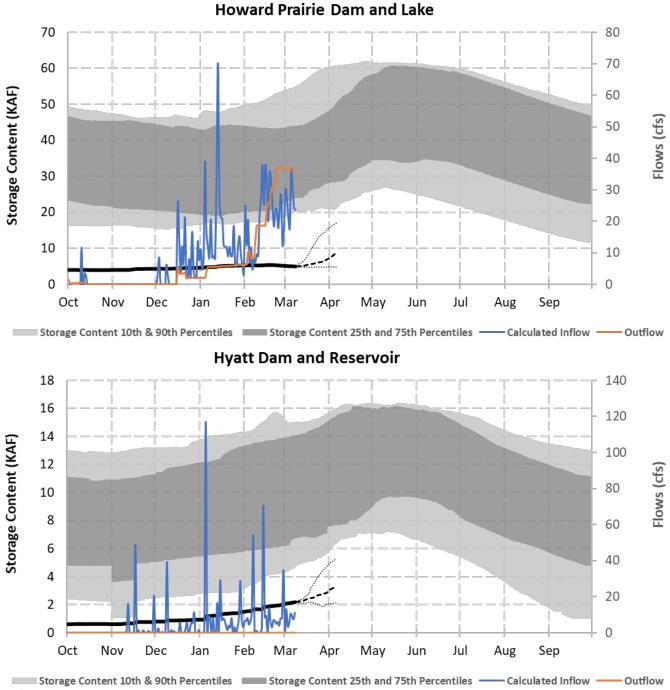
#### **Crooked River Basin**



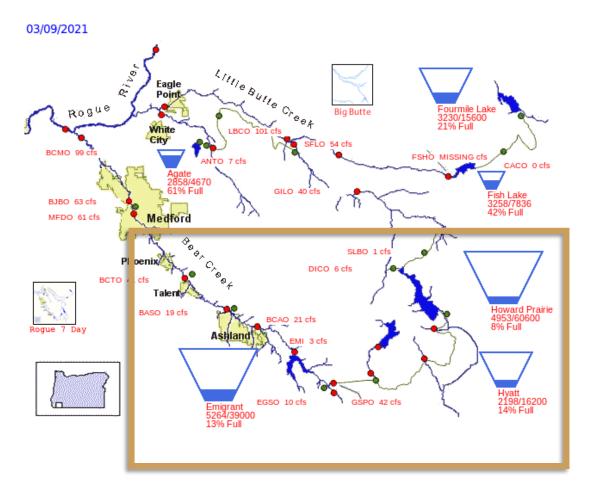


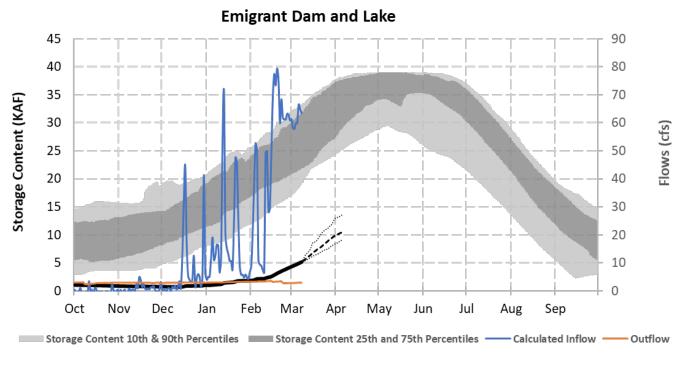
# Rogue River Basin





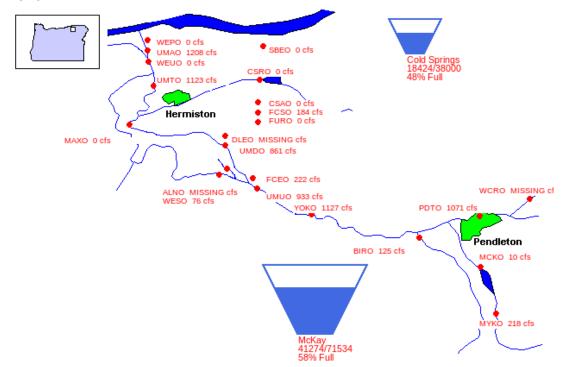
# Rogue River Basin

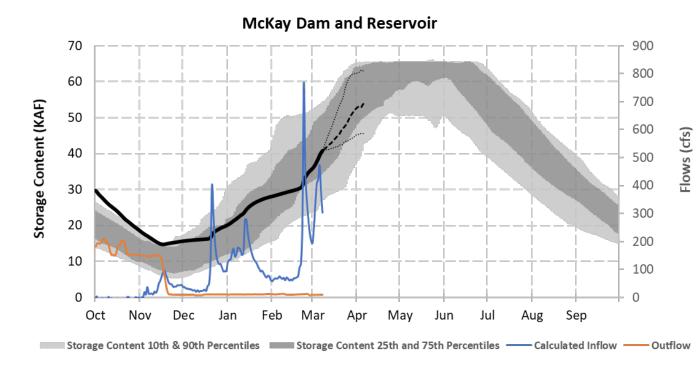




### **Umatilla River Basin**

#### 03/09/2021







#### **Tualatin River Basin**

