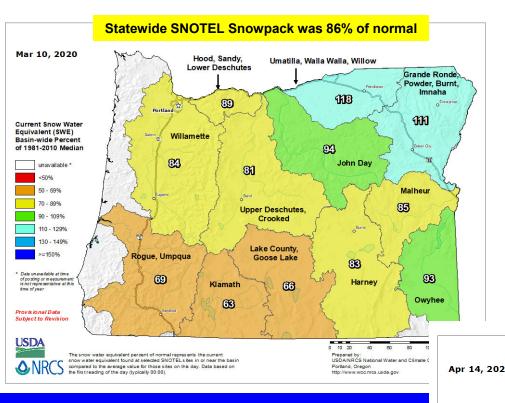
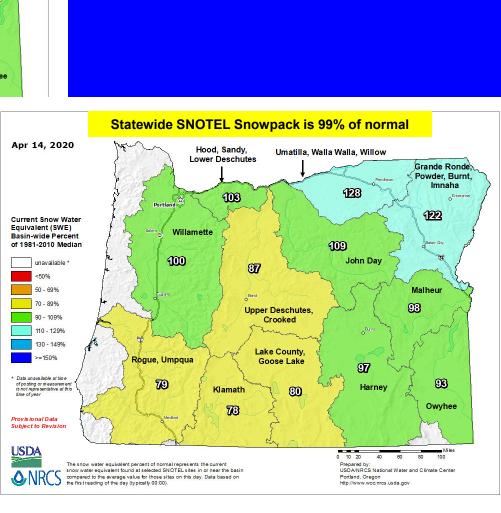
#### Oregon Water Supply Availability Committee - April 14, 2020

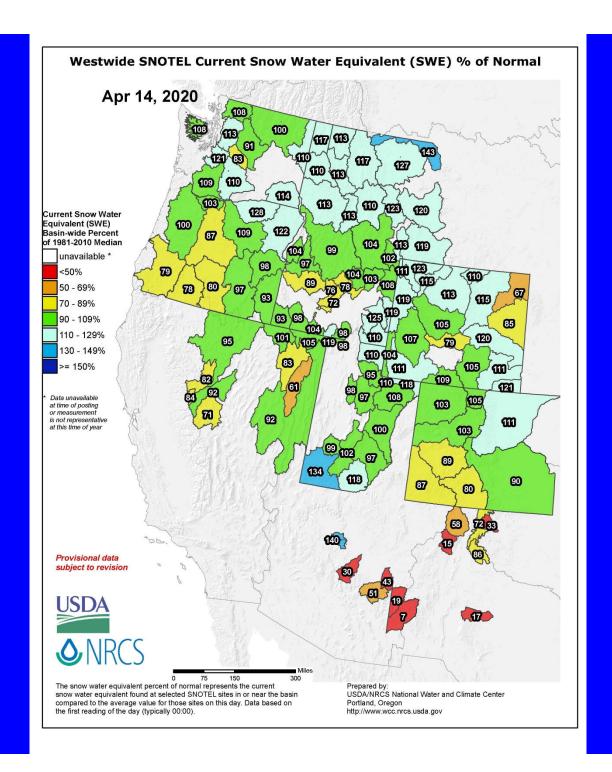


Siskiyou Summit Snow Course March 31, 2020 Elev = 4,560'

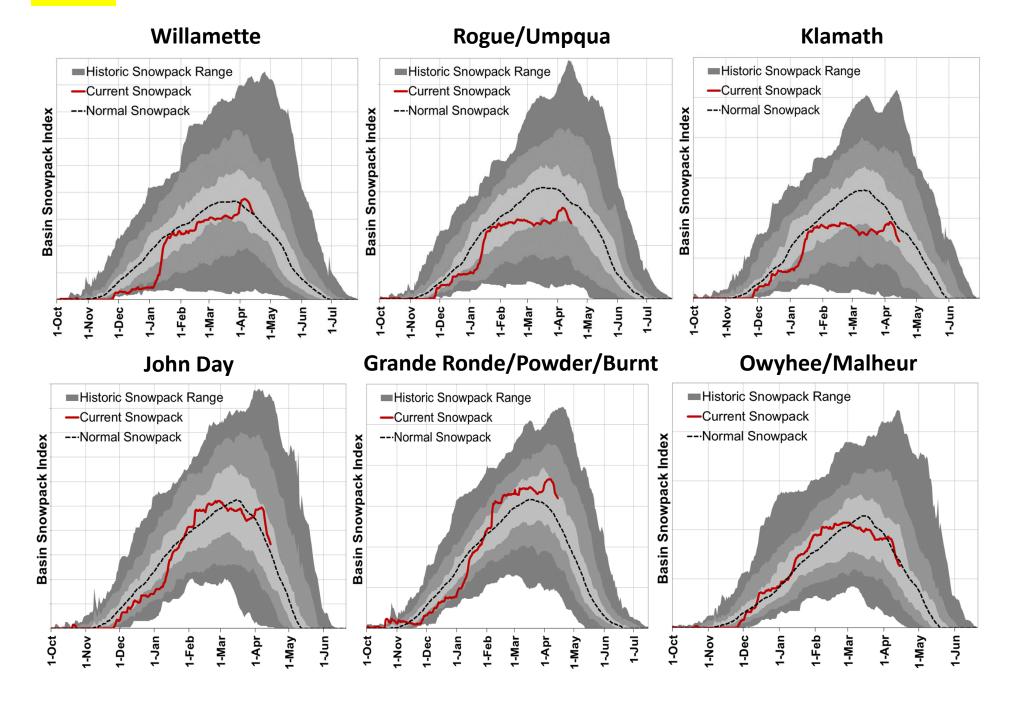
H. Scott Oviatt
USDA – Natural Resources Conservation Service
scott.oviatt@usda.gov
503-414-3271

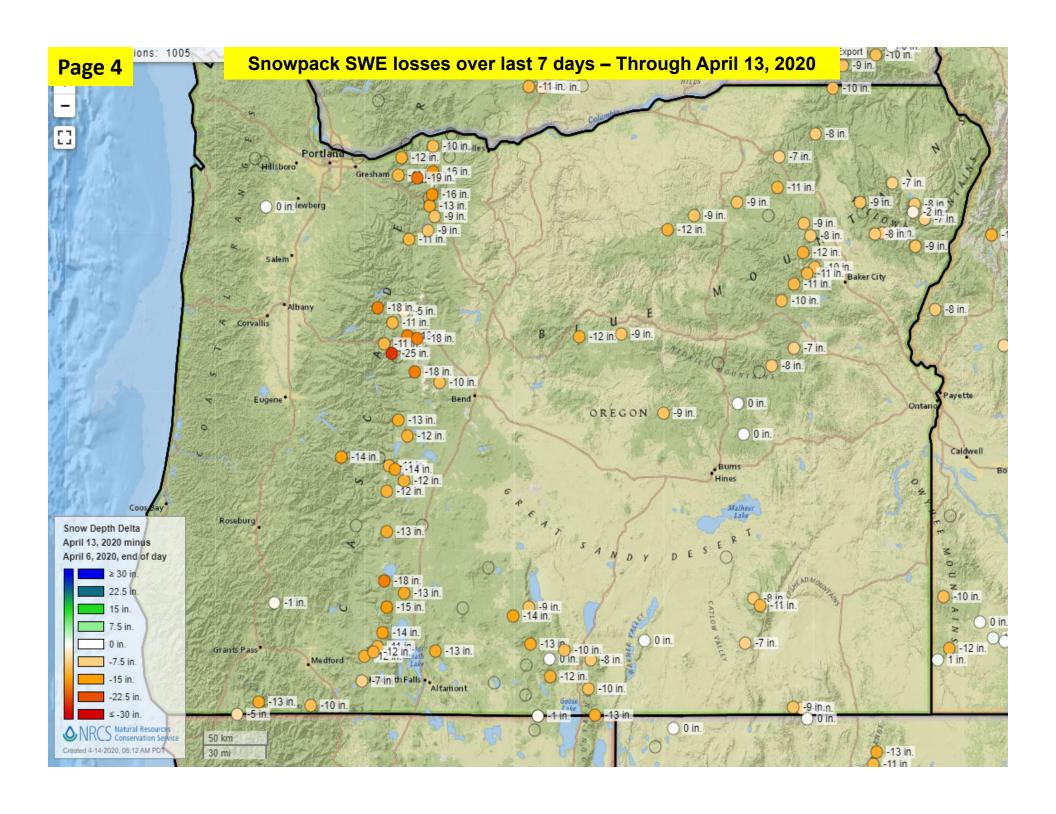


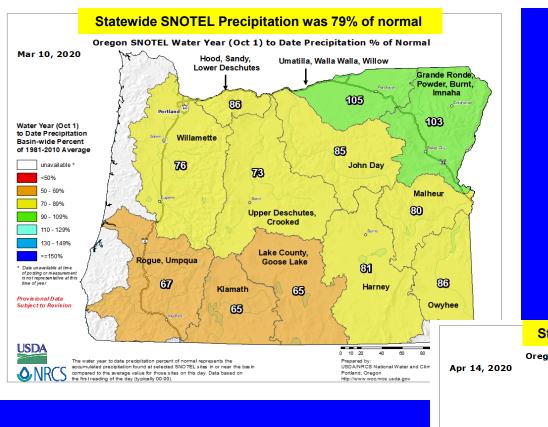


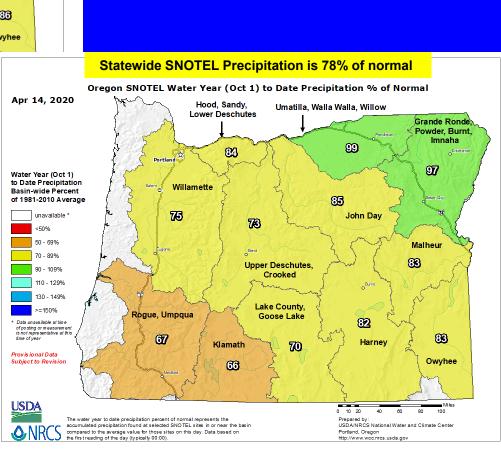


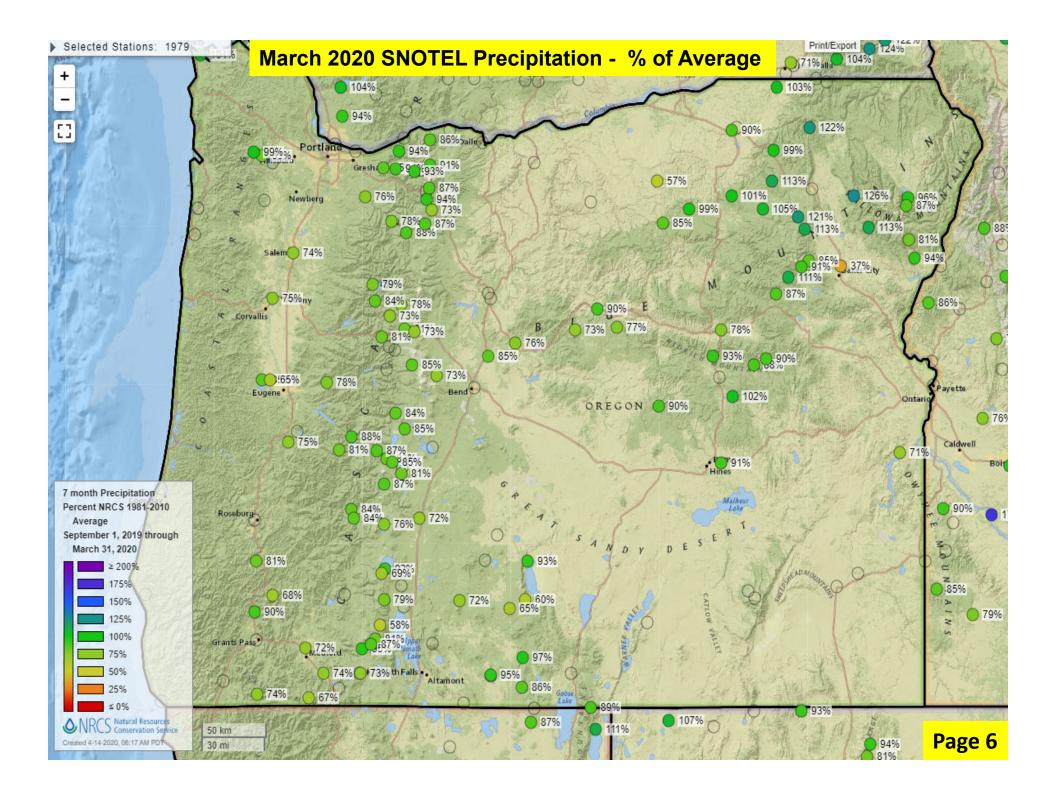
#### **April 14, 2020**

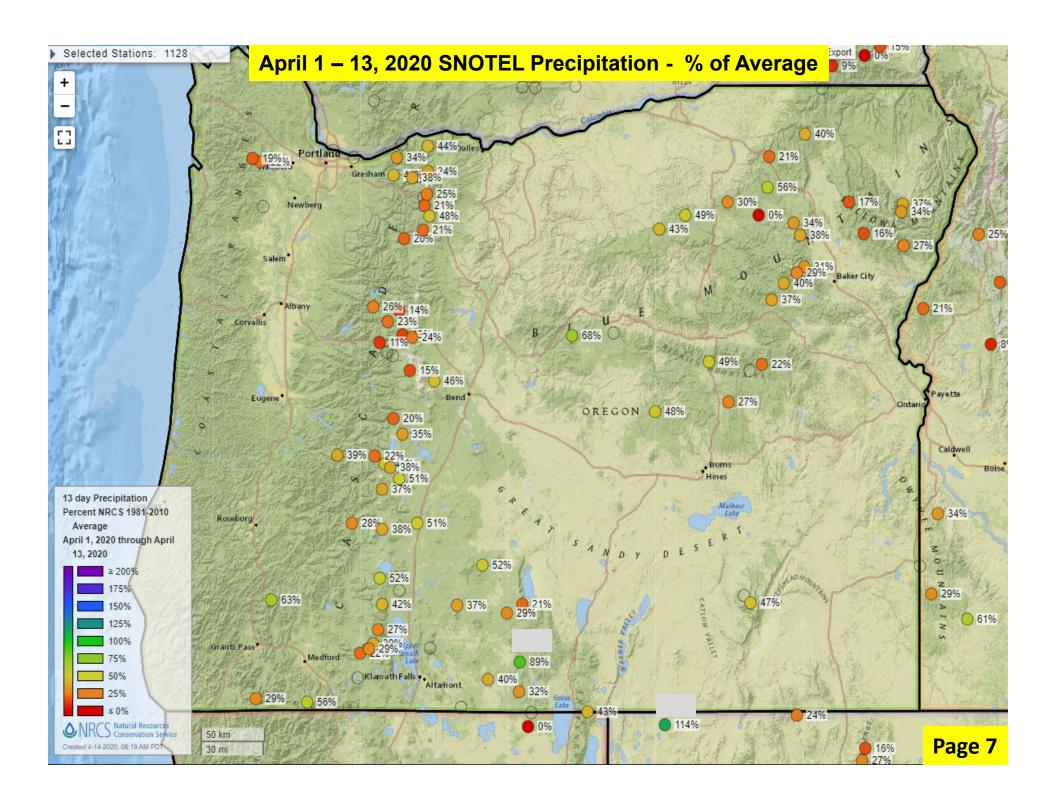


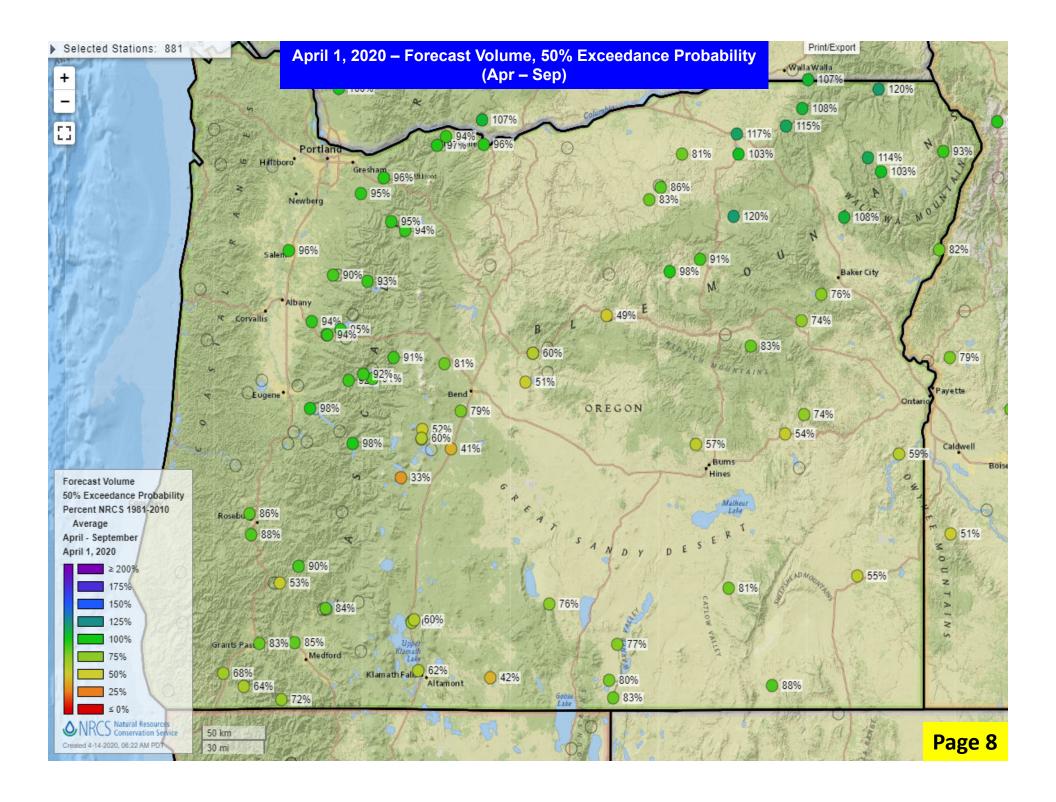


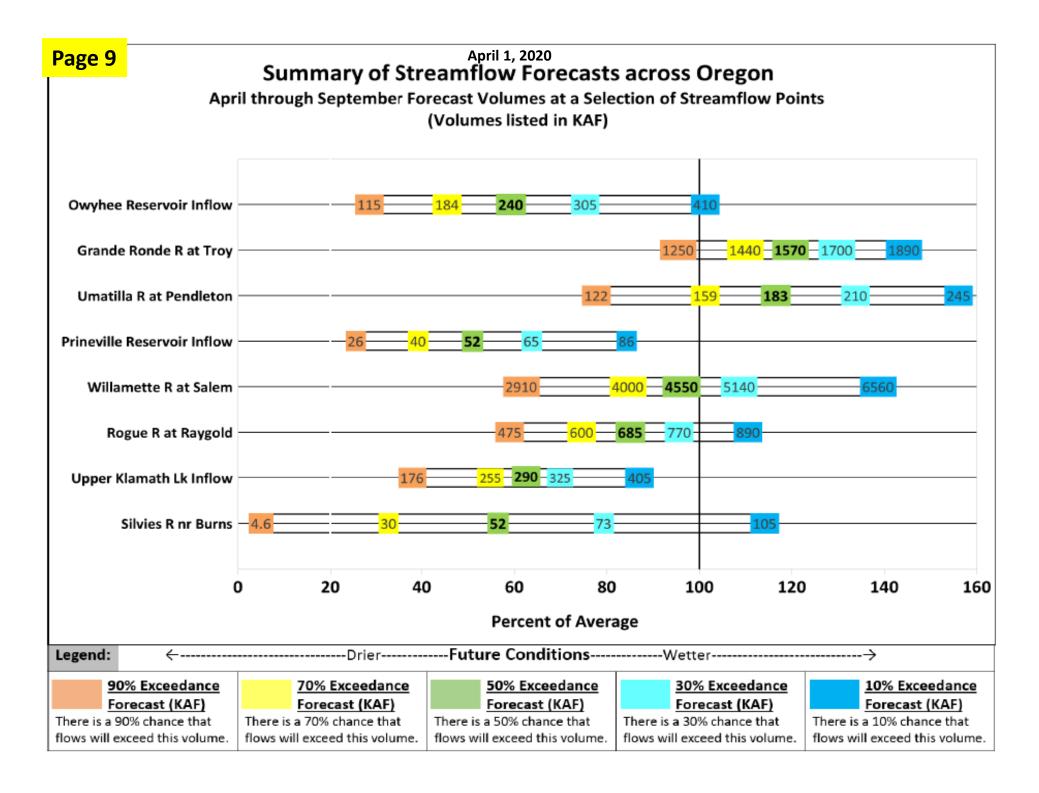












#### Oregon Water Supply Availability Committee - April 14, 2020



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.

To file a program discrimination complaint, complete the USDA Program Discrimination Complaint Form, AD-3027, found online at How to File a Program Discrimination Complaint and at any USDA office or write a letter addressed to USDA and provide in the letter all of the information requested in the form. To request a copy of the complaint form, call (866) 632-9992. Submit your completed form or letter to USDA by: (1) mail: U.S. Department of Agriculture, Office of the Assistant Secretary for Civil Rights, 1400 Independence Avenue, SW, Washington, D.C. 20250-9410; (2) fax: (202) 690-7442; or (3) email: program.intake@usda.gov.

Siskiyou Summit Snow Course March 31, 2020 Elev = 4,560

H. Scott Oviatt **USDA - Natural Resources Conservation Service** scott.oviatt@usda.gov 503-414-3271



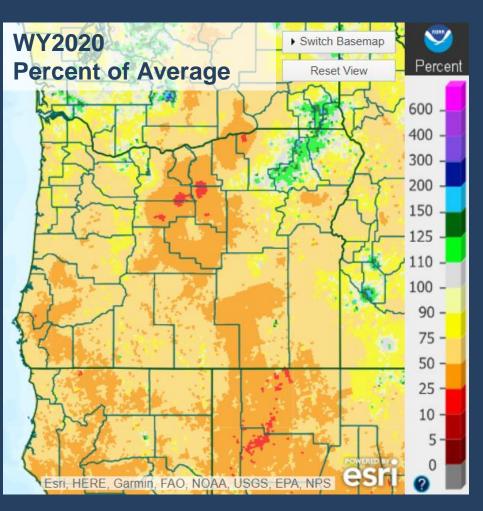


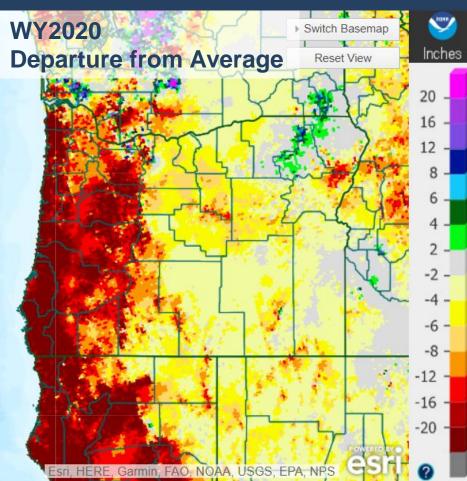
National Weather Service
Precipitation & Temperatures
Update

Andy Bryant
NOAA/NWS Portland
Weather Forecast Office



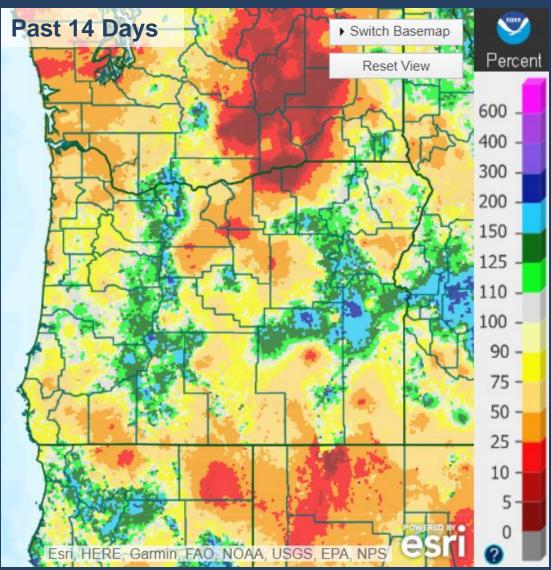
### Water Year Precipitation

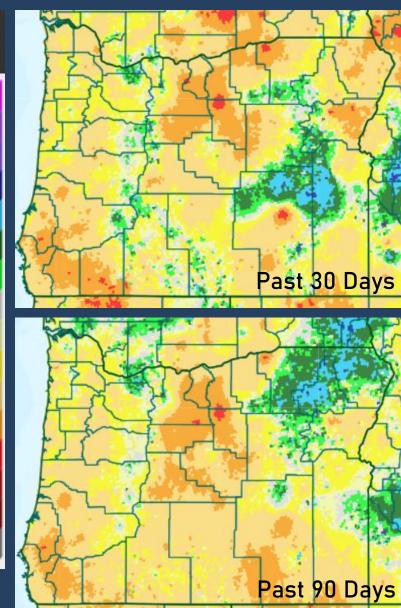






### Precipitation % of Average



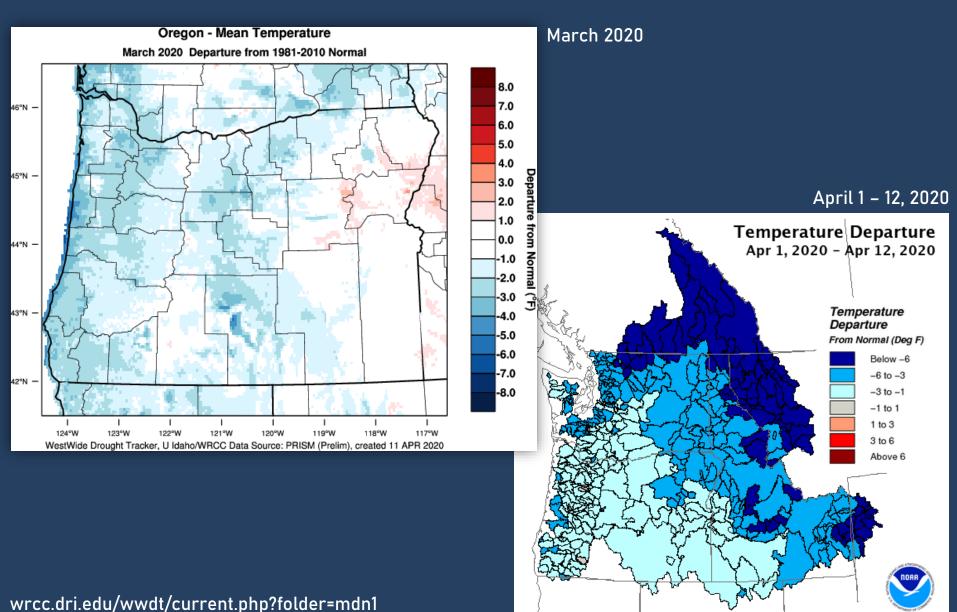


Precipitation Data as of April 13, 2020

Northwest River Forecast Center



## Recent Temperatures

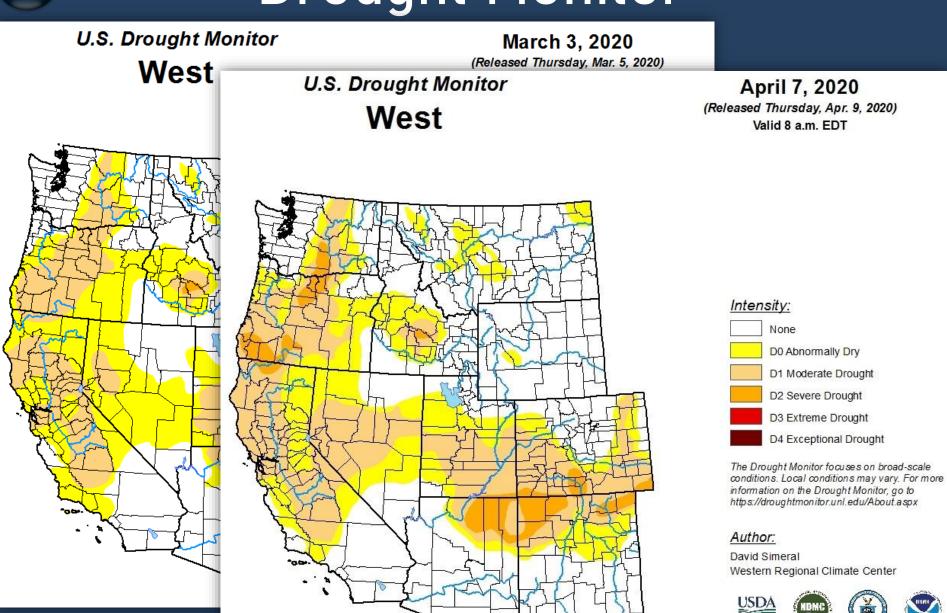


Creation Time: Monday, Apr 13, 2020

droughtmonitor.unl.edu

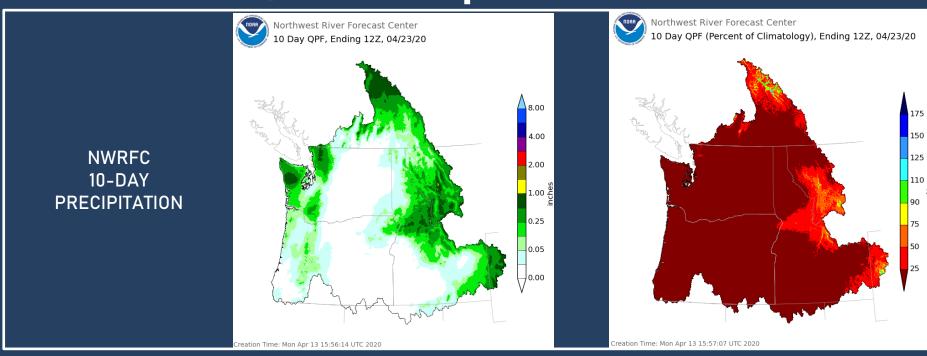


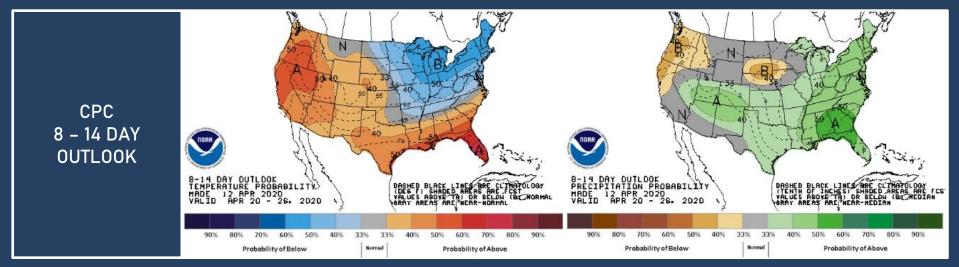
## **Drought Monitor**





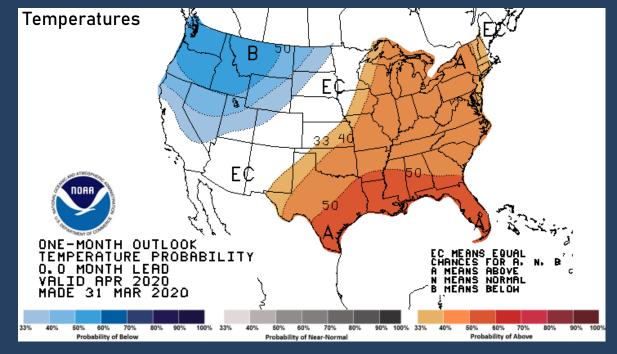
## Mid/Late April Outlook

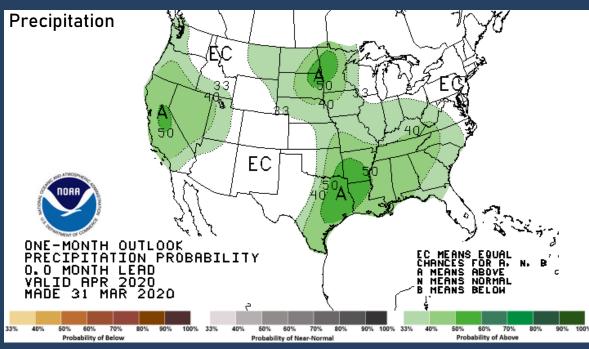






## Climate Prediction Center Outlook April 2020

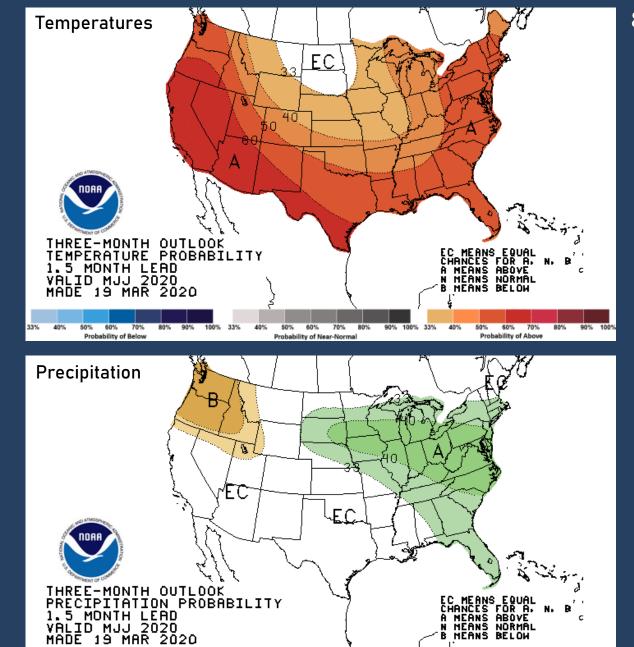




Probability of Above



## Climate Prediction Center Outlook May - June - July 2020



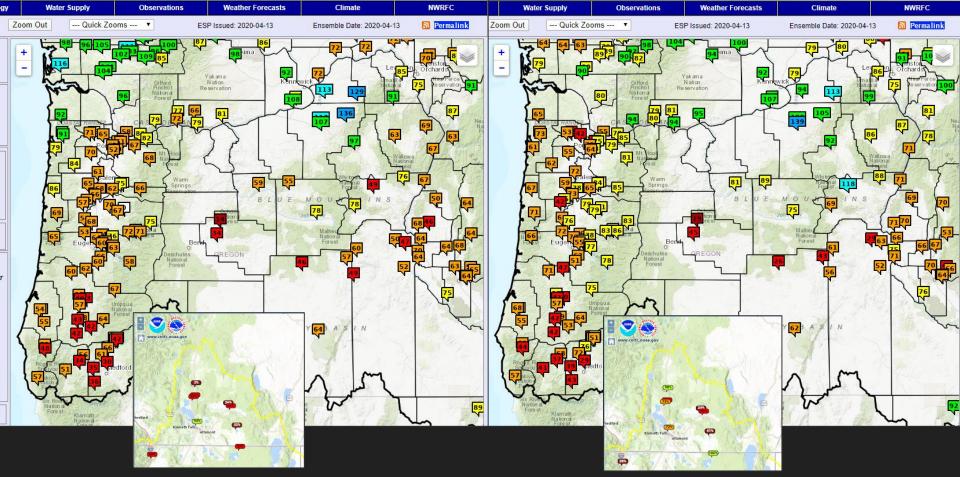
Probability of Near-Normal

#### Northwest River Forecast Center Observed Water Year Natural Runoff

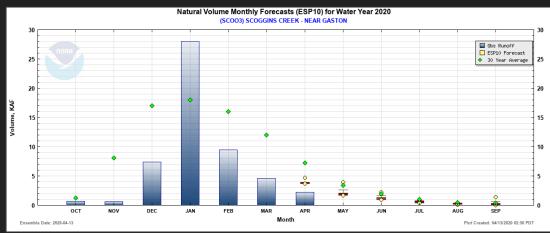


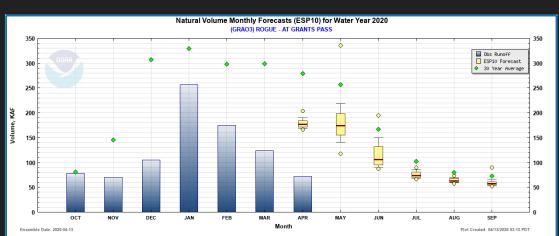
#### Northwest River Forecast Center ESP Natural Forecast

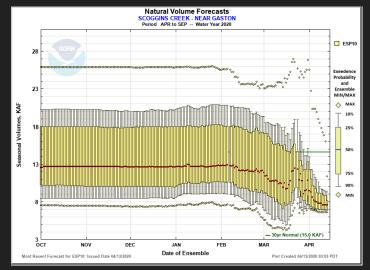


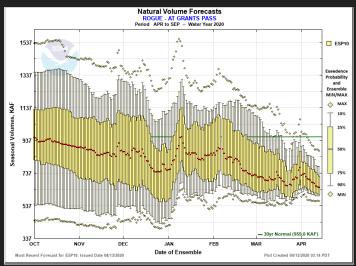


#### West Side- January contributed the most to runoff so far this year

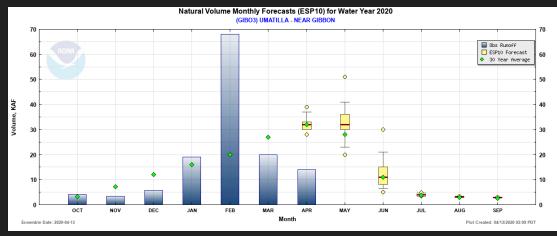


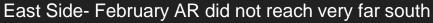


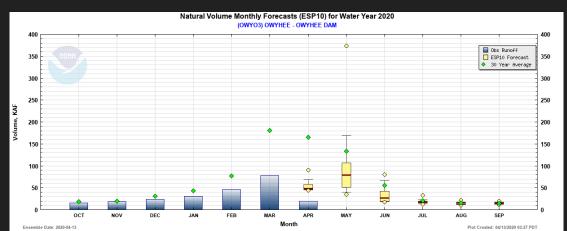


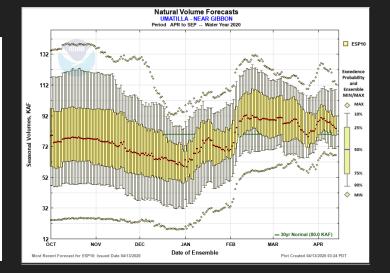


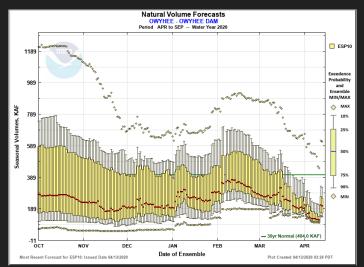
#### East Side- February AR contributed greatly in the NE











## Link to Northwest River Forecast Center ESP Natural Forecasts

https://www.nwrfc.noaa.gov/natural

#### Live Water Supply Briefings

2020 Schedule for Live Water Supply Briefings									
Jan	Feb Mar Apr May June								
9	6	5	2	7	TBD				
All presentations held at 10:00am PDT/PST, unless noted otherwise									
Click here for Registration Information									

Monthly water supply briefings will be tentatively held January though late spring on the first Thursday of each month. Please refer to our online schedule which will be updated in the fall.

https://www.nwrfc.noaa.gov/water\_supply/ws\_schd.cgi

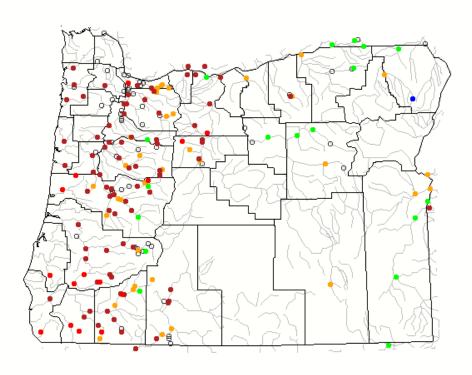




U.S. Department of the Interior U.S. Geological Survey

USGS Update on Surface Water Conditions Carrie Boudreau & Marc Stewart Oregon Water Science Center Photo: Randy Spitzer, USGS gage 14320934

#### March 2020





Search USGS streamgage

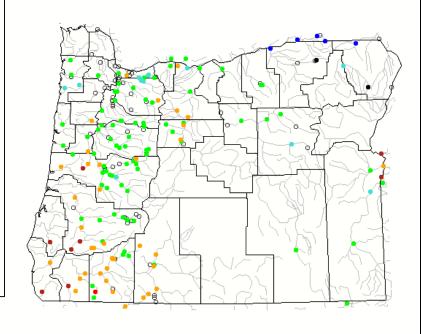
Choose a data retrieval option and select a location on the map

List of all stations 
Single station 
Nearest stations 
Peak flow

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

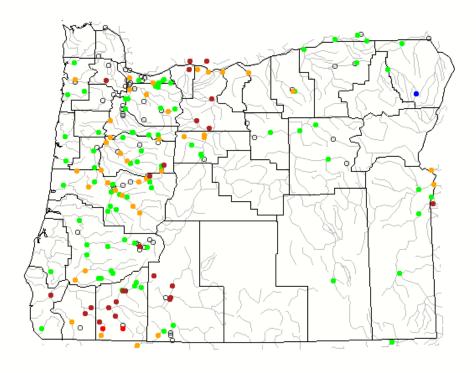
# Monthly Average Streamflow (as compared to Historical Record)













Search USGS streamgage

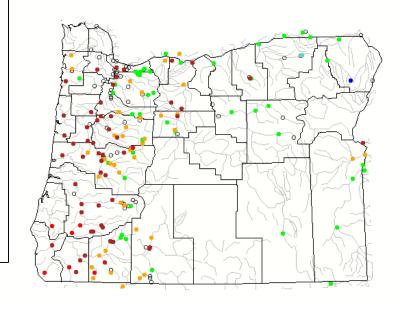
Choose a data retrieval option and select a location on the map

List of all stations 
Single station 
Nearest stations

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

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

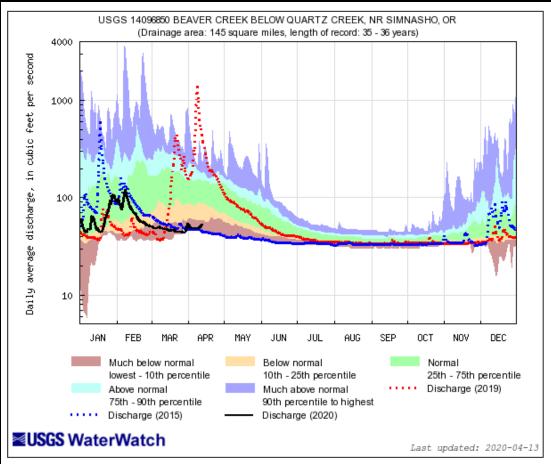
Sunday, March 08, 2020

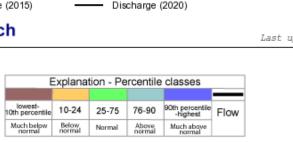


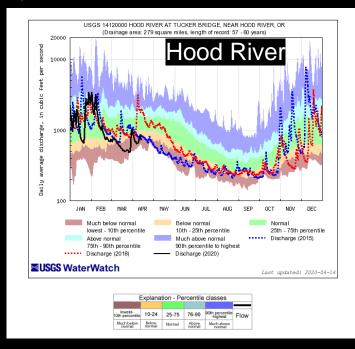


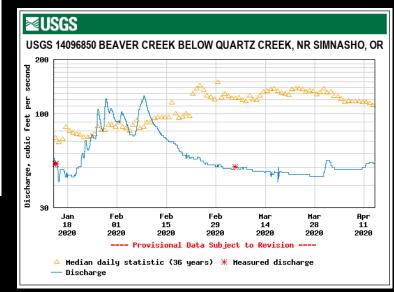


## 14096850 Beaver Cr blw Quartz Cr



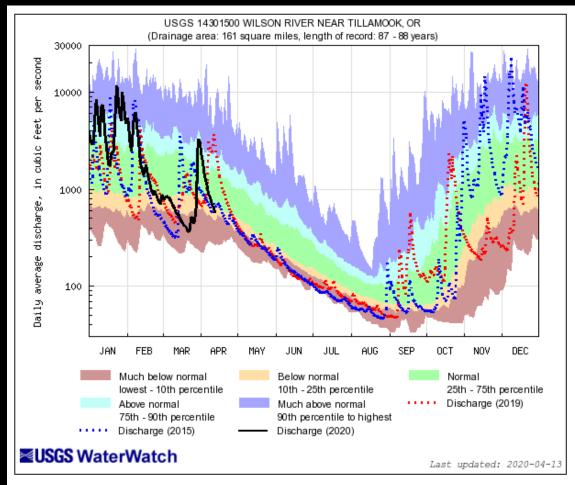




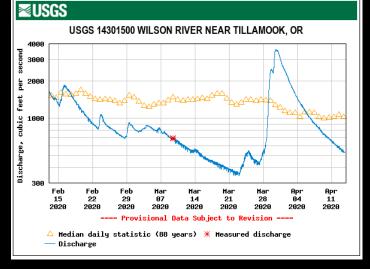




## 14301500 Wilson R near Tillamook

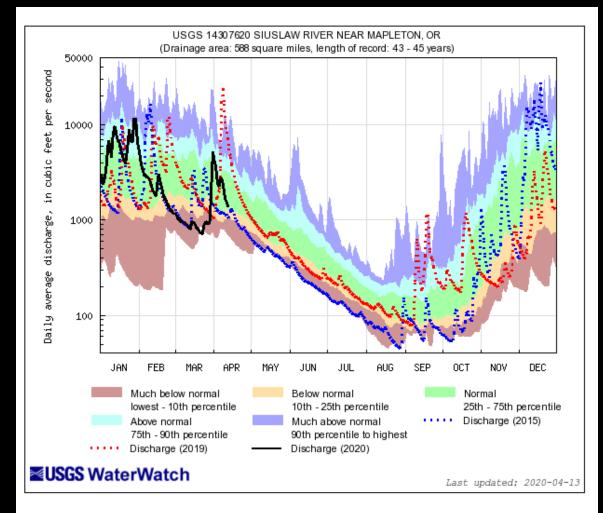






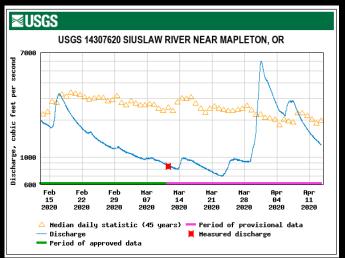


## 14307620 Siuslaw River nr Mapleton

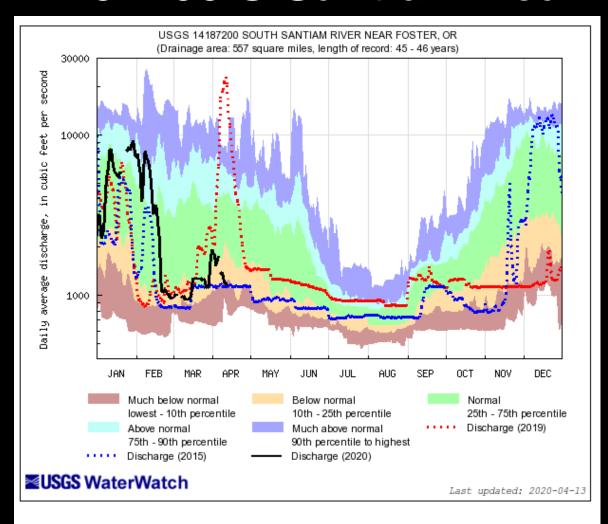


E	Explana	tion - Pe	rcentile	classes	
lowest- 10th percentile	10-24	25-75	76-90	90th percentile -highest	Flow
Much below normal	Below normal	Normal	Above normal	Much above normal	



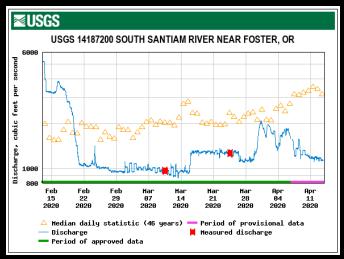


## 14187200 S Santiam near Foster

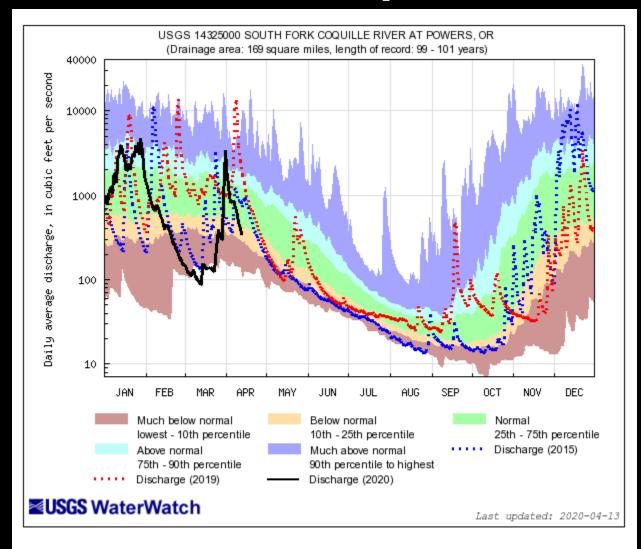


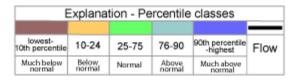
Explanation - Percentile classes							
					_		
lowest- 10th percentile	10-24	25-75	76-90	90th percentile -highest	Flow		
Much below normal	Below normal	Normal	Above normal	Much above normal			





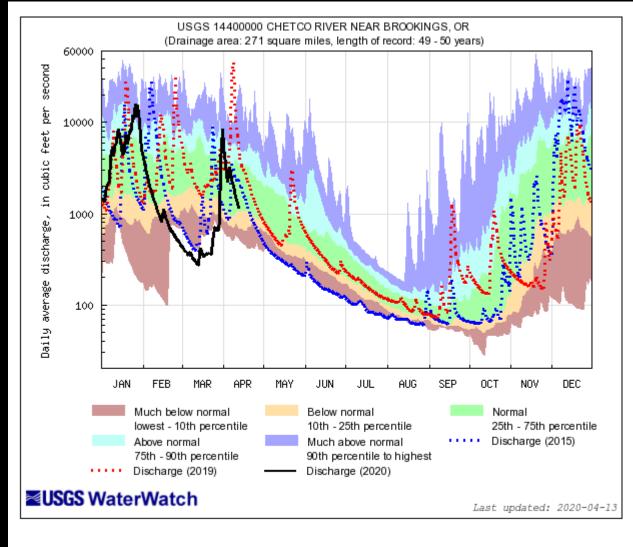
## 14325000 South Fork Coquille at Powers







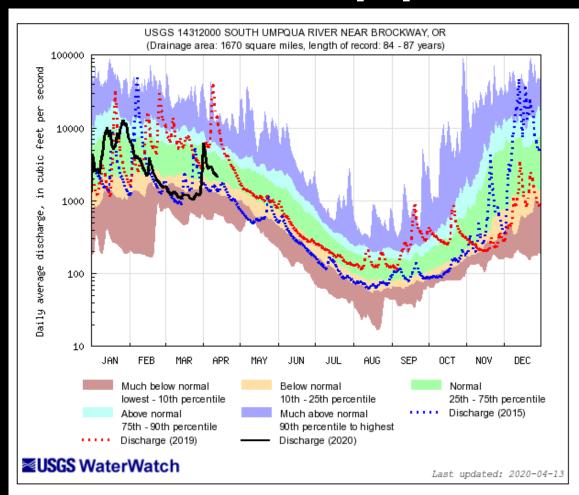
## 14400000 Chetco River nr Brookings



E	xplana	tion - Pe	ercentile	classes	
lowest- 10th percentile	10-24	25-75	76-90	90th percentile -highest	Flow
Much below normal	Below normal	Normal	Above normal	Much above normal	

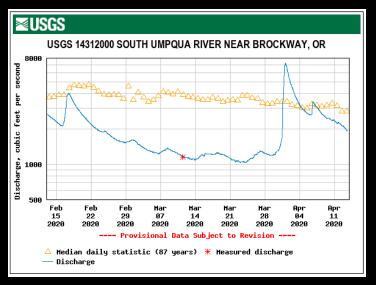


## 14312000 S Umpqua R nr Brockway

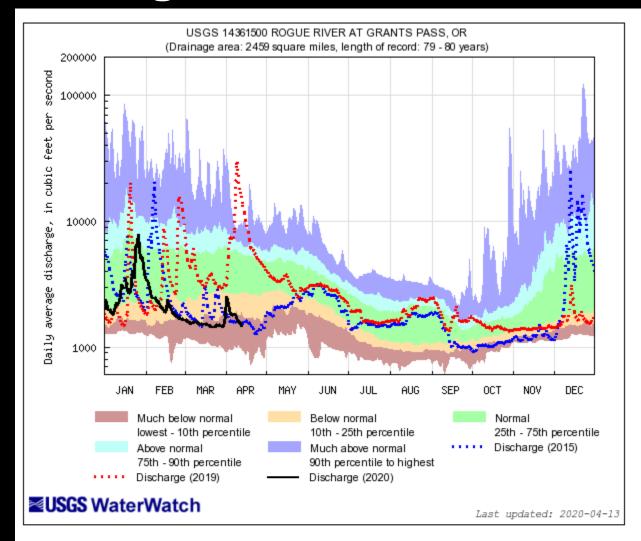


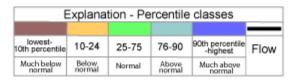
Explanation - Percentile classes							
lowest- 10th percentile	10-24	25-75	76-90	90th percentile -highest	Flow		
Much below normal	Below normal	Normal	Above normal	Much above normal			





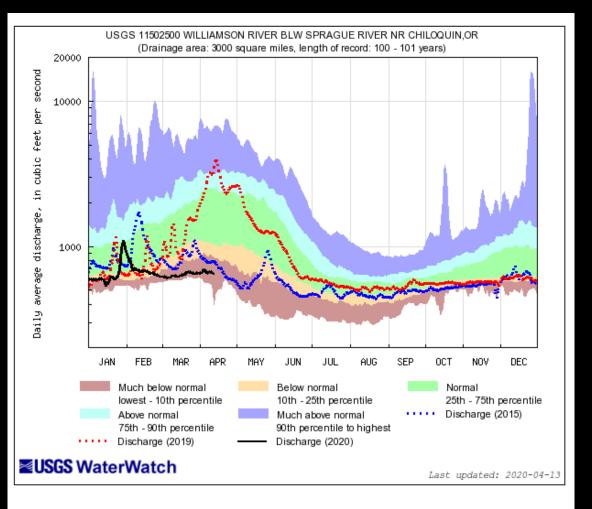
## 14361500 Rogue R at Grants Pass





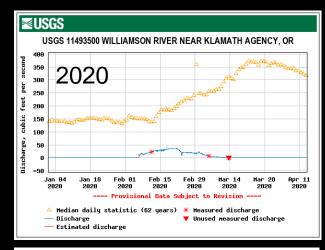


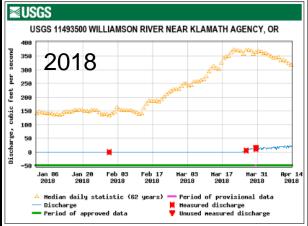
### Williamson River

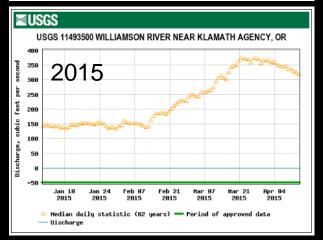


E	xplana	tion - Pe	ercentile	classes	
lowest- 10th percentile	10-24	25-75	76-90	90th percentile -highest	Flow
Much below normal	Below normal	Normal	Above normal	Much above normal	

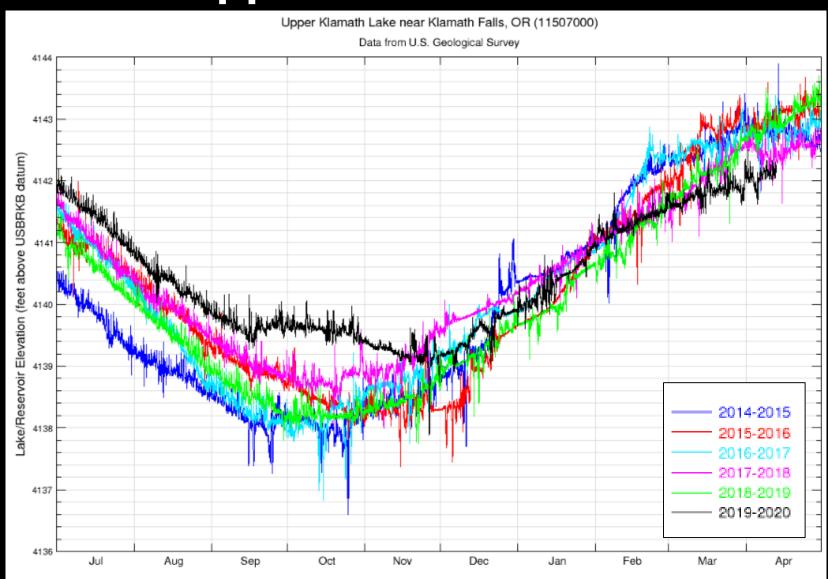




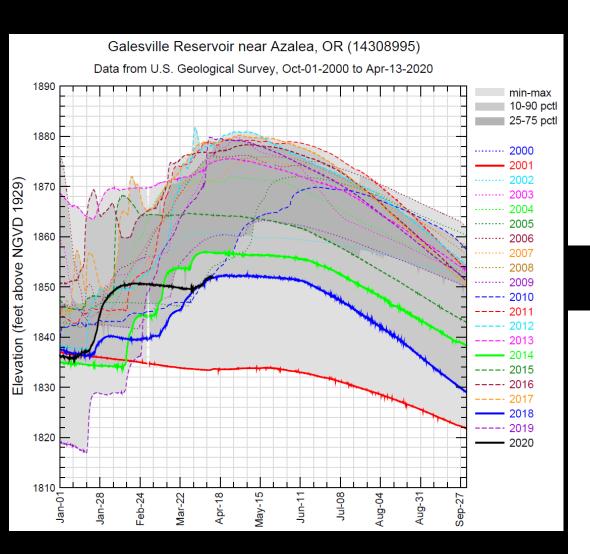




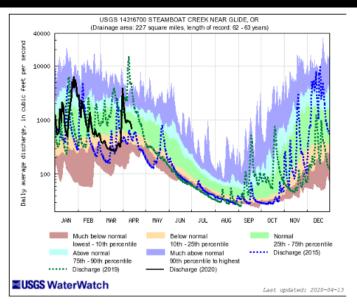
## 11507000 Upper Klamath Lake



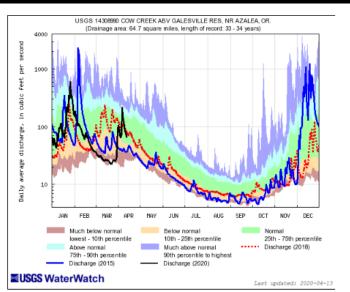






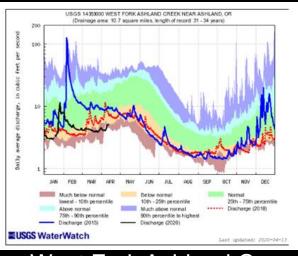


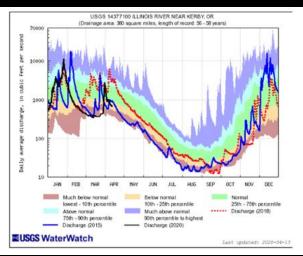
#### Steamboat Creek nr Glide

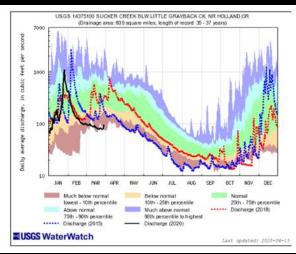


Cow Creek abv Galesville Res.

### Other Unregulated Sites (S. Oregon)



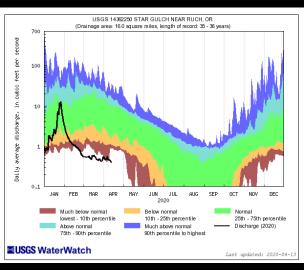


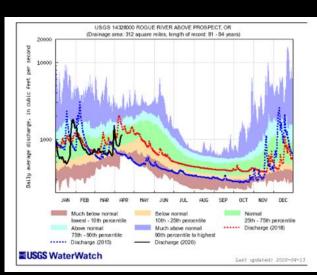


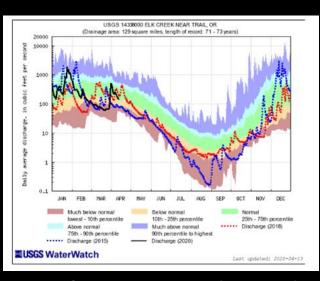
West Fork Ashland Cr

Illinois River nr Kerby

Sucker Creek nr Holland







Star Gulch nr Ruch

Rogue River Above Prospect

Elk Creek nr Trail (Rogue)

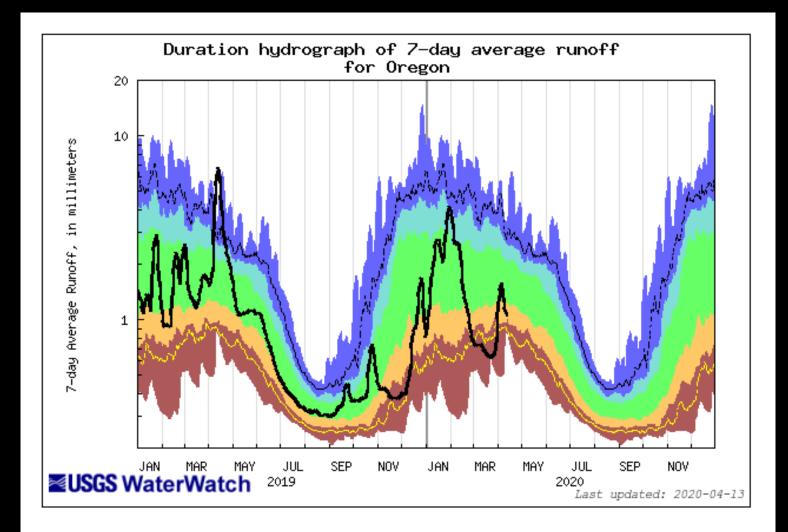


#### US GEOLOGICAL SURVEY, OREGON WATER SCIENCE CENTER WATER AVAILABILITY REPORT FOR MARCH 2020

	NRCS	Monthly disch	/ mean narge	in dis- charge from	Accumulated Runoff For the Period Oct. to Mar.
Station	Basin	feet per second	of average	month (percent)	Percent of average
Donner Und Blitzen nr Frenchglen				12	68
(*)Deep Creek above Adel	Lake County	96	38	57	49
(*)Chewaucan River near Paisley	Lake County	85	49	42	54
Williamson River near Chiloquin	Klamath	640	37	-7	60
Owyhee River near Rome	Owyhee	1,120	42	82	53
(*)NF Malheur River near Beulah	Malheur	130	49	73	70
Grande Ronde R at Troy	Grande Ronde Powder/Burnt	3,493	74	-35	94
Umatilla River nr Gibbon	Umatilla Lower John Day	329	76	-72	136
John Day River at Service Crk	Upper John Day	2,302	52	2	60
(*)Little Deschutes River nr LaPine	Upper Deschutes	93	44	-7	58
Hood River nr Hood River	Lower Deschutes Mt.Hood	626	49	-57	73
Willamette River at Salem	Willamette	11,703	43	-63	63
Wilson River near Tillamook	North Coast	793	49	-63	95
Umpqua River near Elkton	Rogue/Umpqua	3,773	34	-58	58
Rogue River near Agness	Rogue/Umpqua	2,443	31	-41	50
SF Coquille River at Powers	South Coast	289	22	-46	55
Chetco River near Brookings	South Coast	793	22	-40	56



All data should be considered provisional and subject to revision. Percent of average computed using 30-year base period, water years 1981-2010.



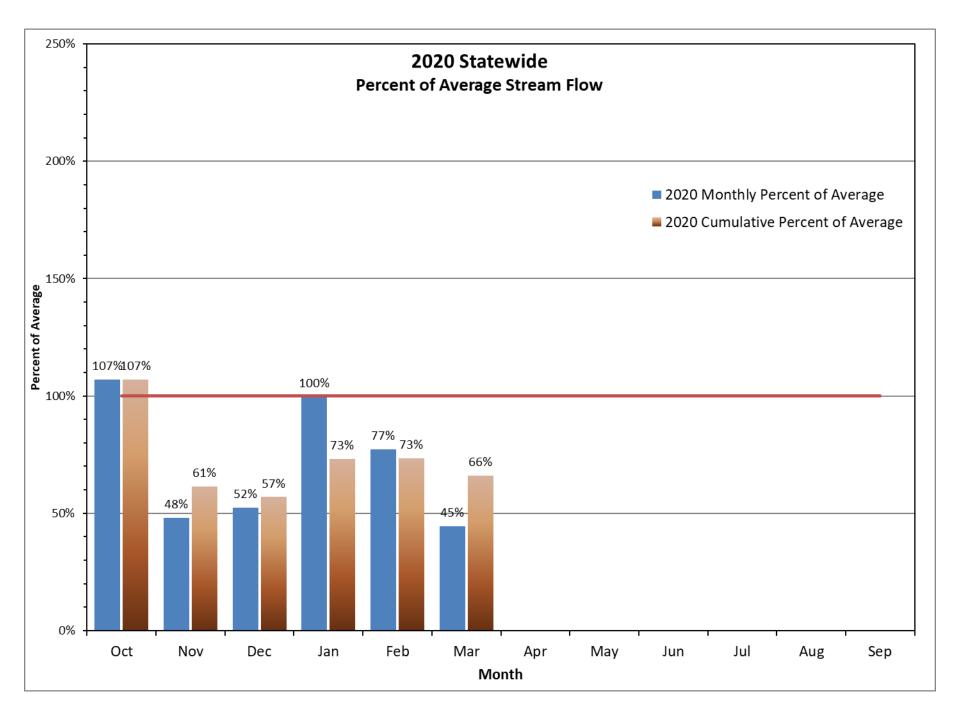
Explanation - Percentile classes								
lowest- 10th percentile	5	10-24	25-75	76-90	95	90th percentile -highest	Runoff	
Much below	Normal	Below normal	Normal	Above normal	Much a	bove normal		



# Water Supply Conditions Report Water Supply Availability Committee

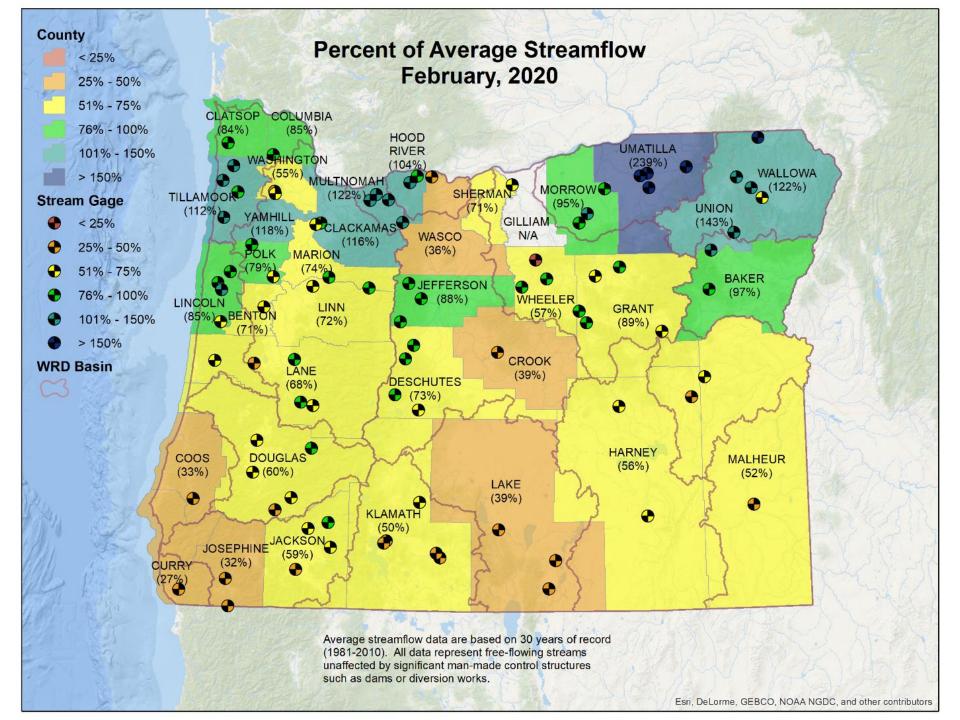


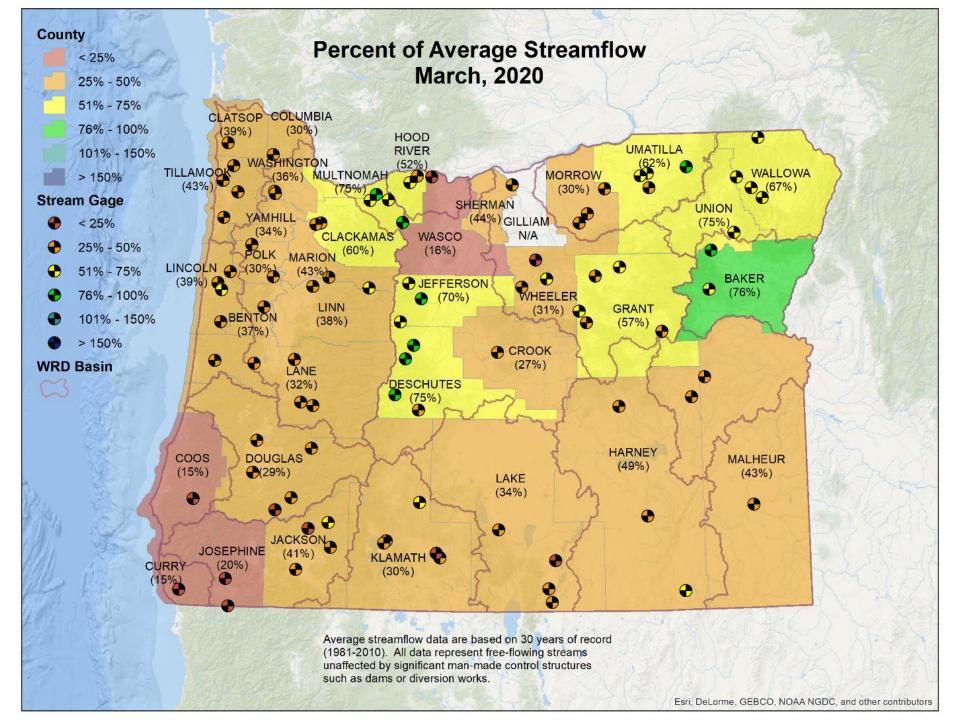


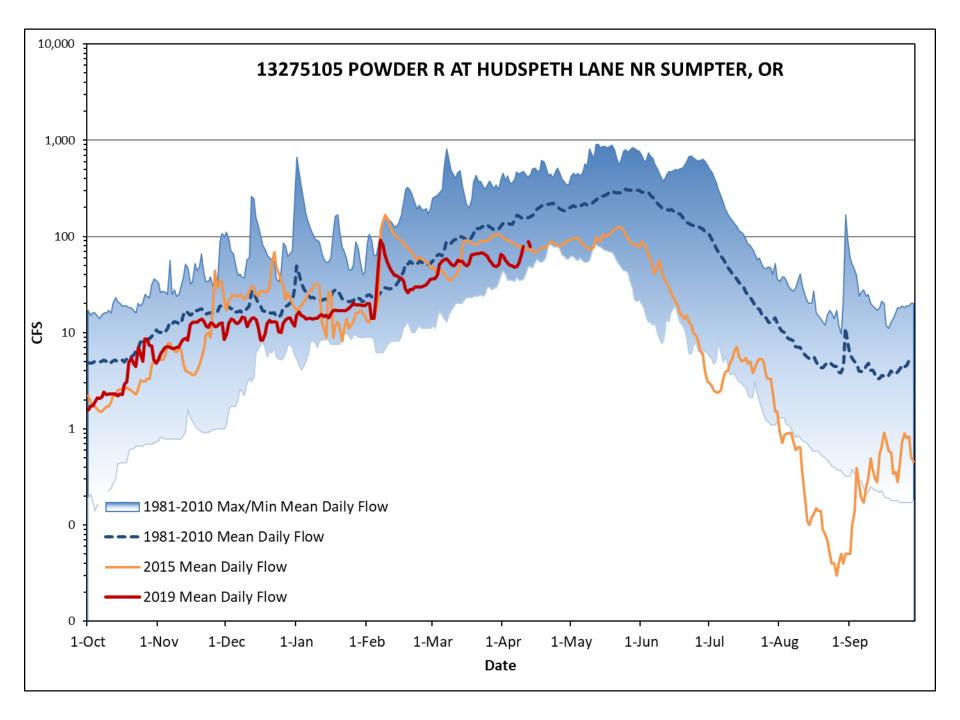


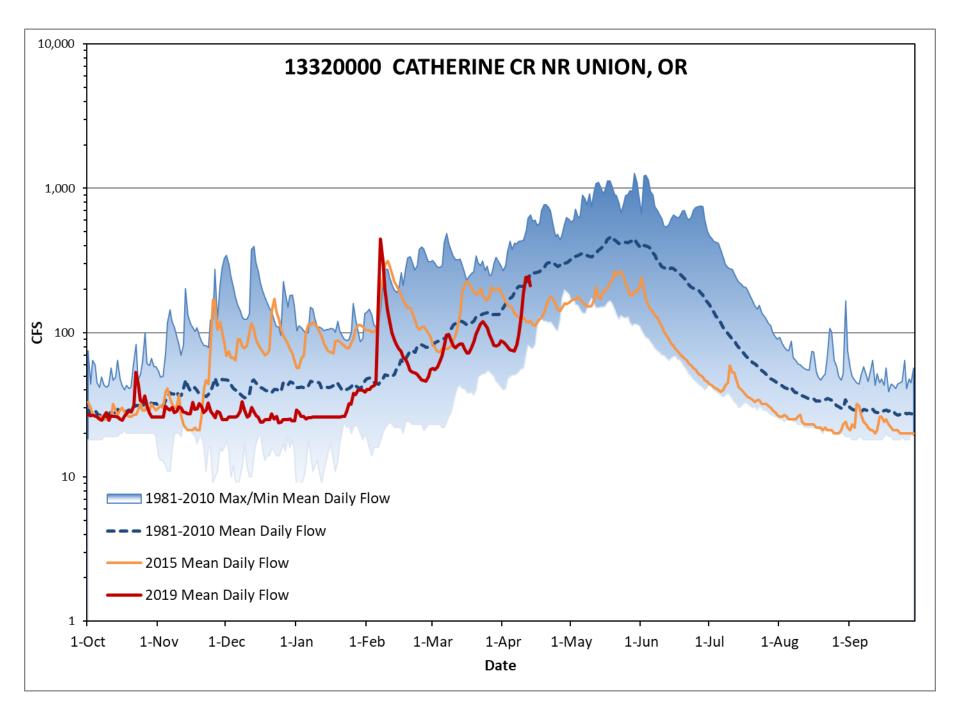


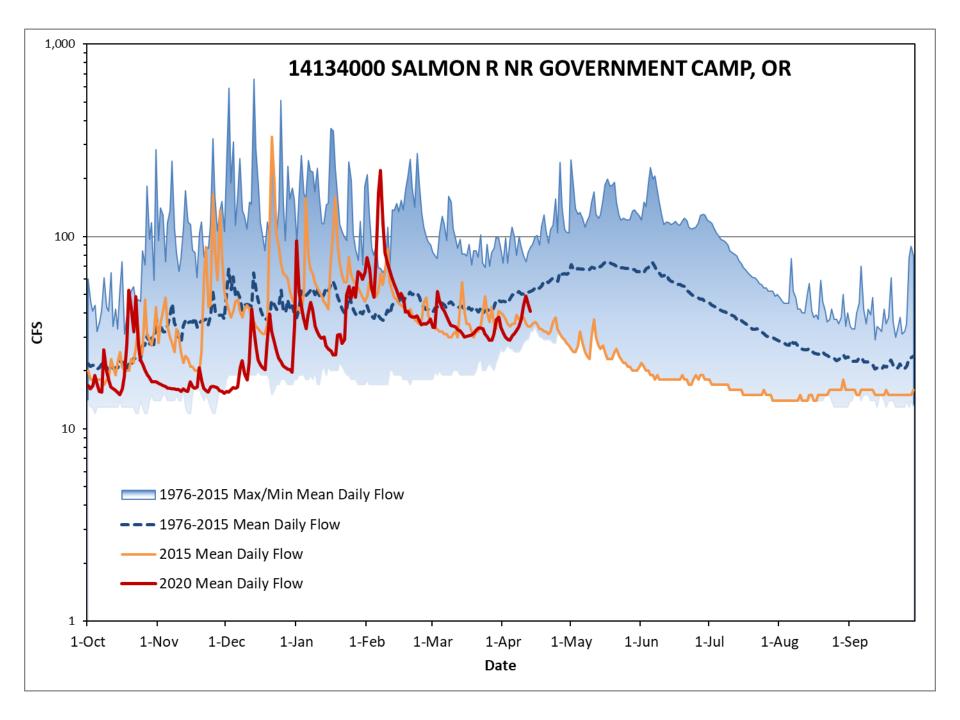
Basin	Water Year % of average thru March	% of average for March	% of average for 04/13/2020	# of data points
West Side	68%	37%	46%	45
East Side	65%	49%	61%	48
State	66%	45%	55%	93

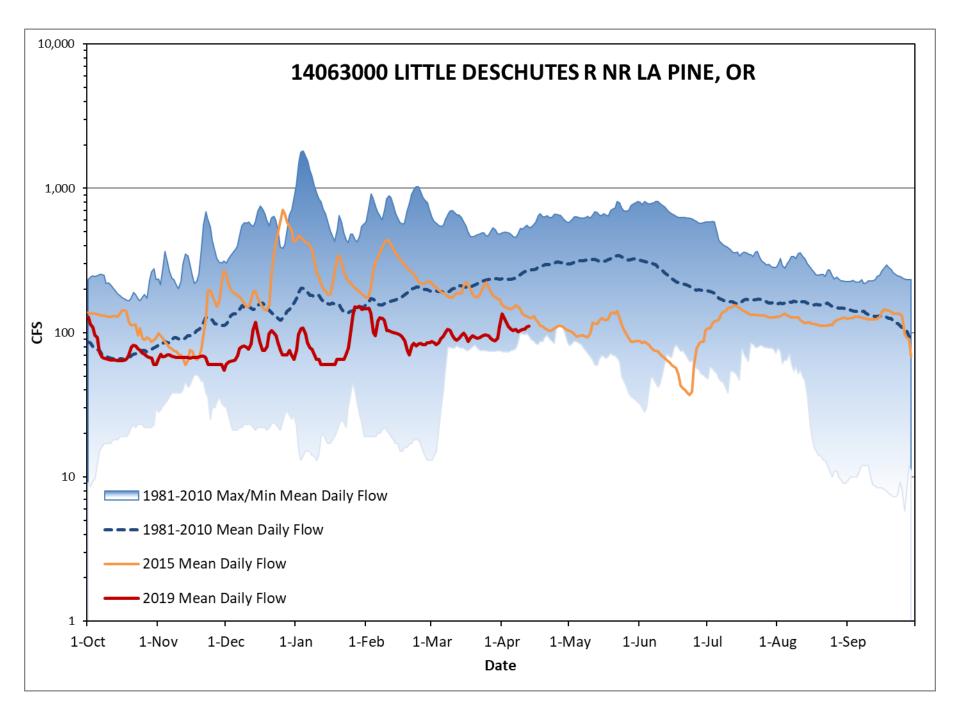


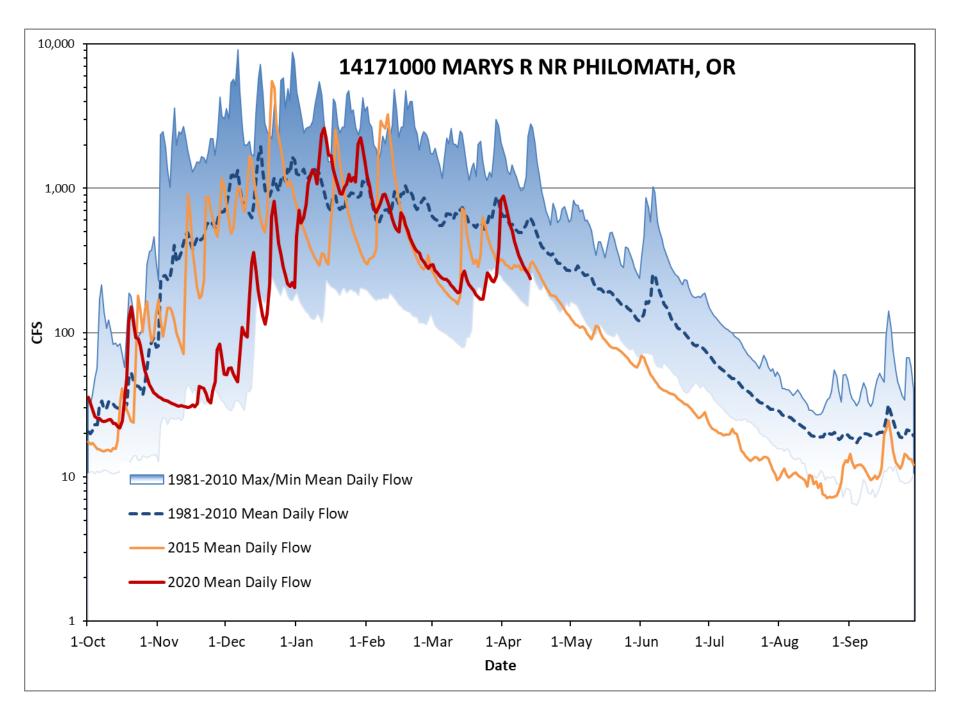


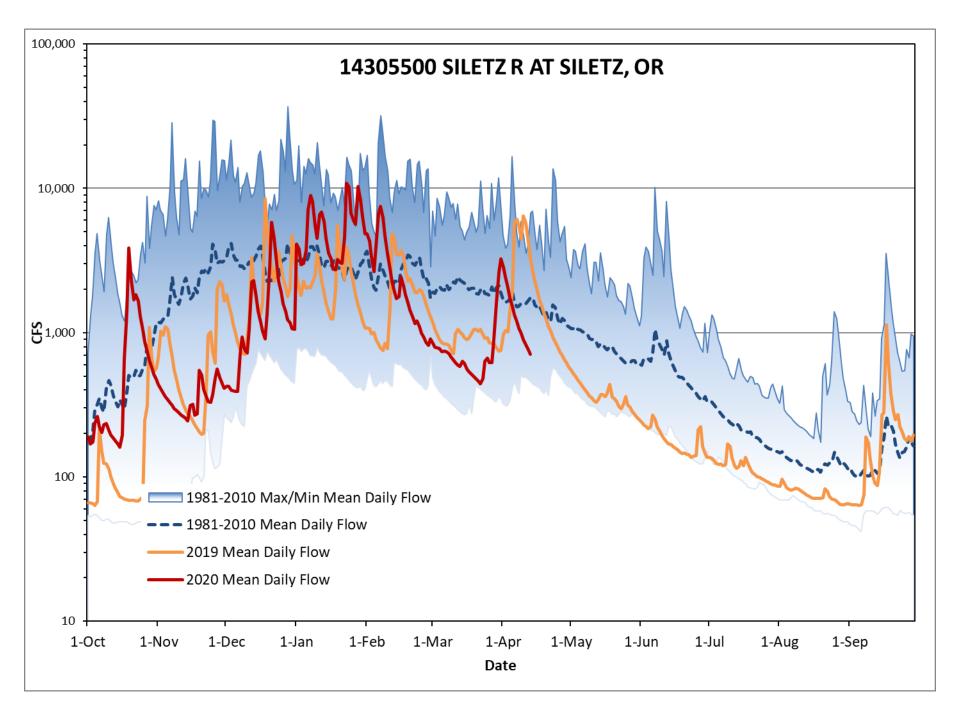


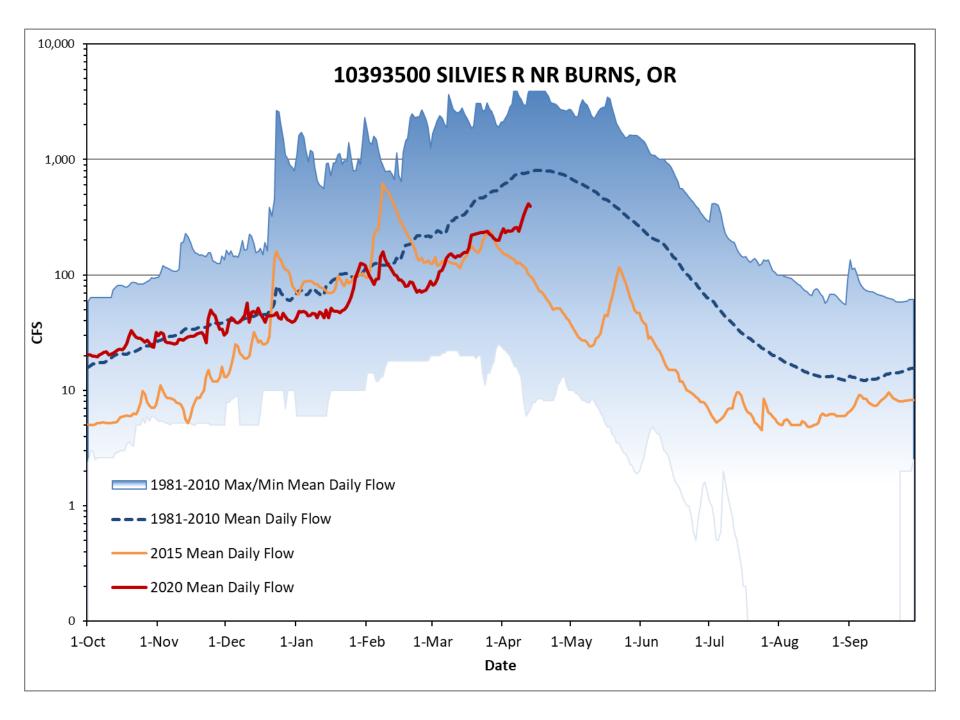














## Thank you