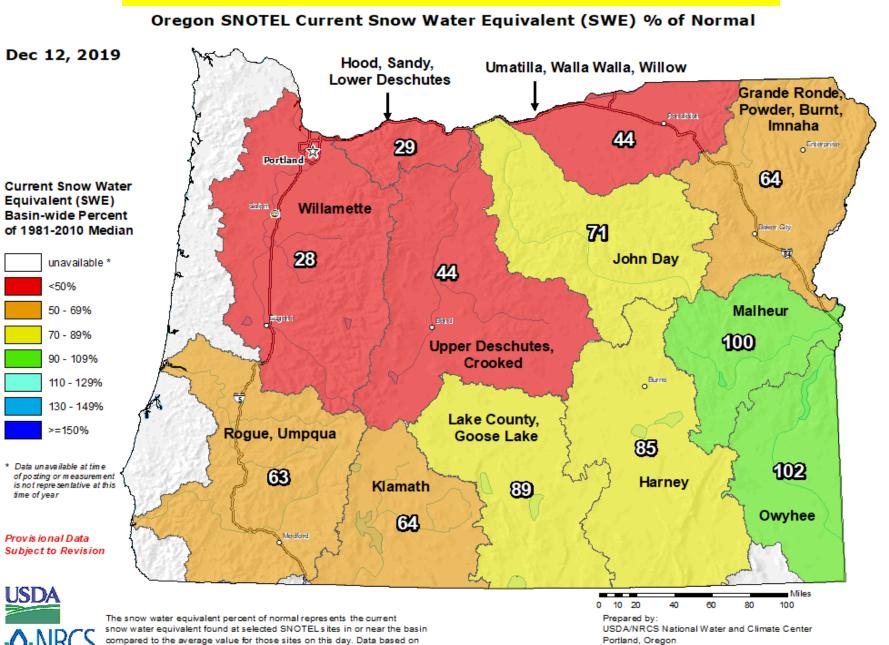


Statewide SNOTEL Snow Water Equivalent is 52% of normal



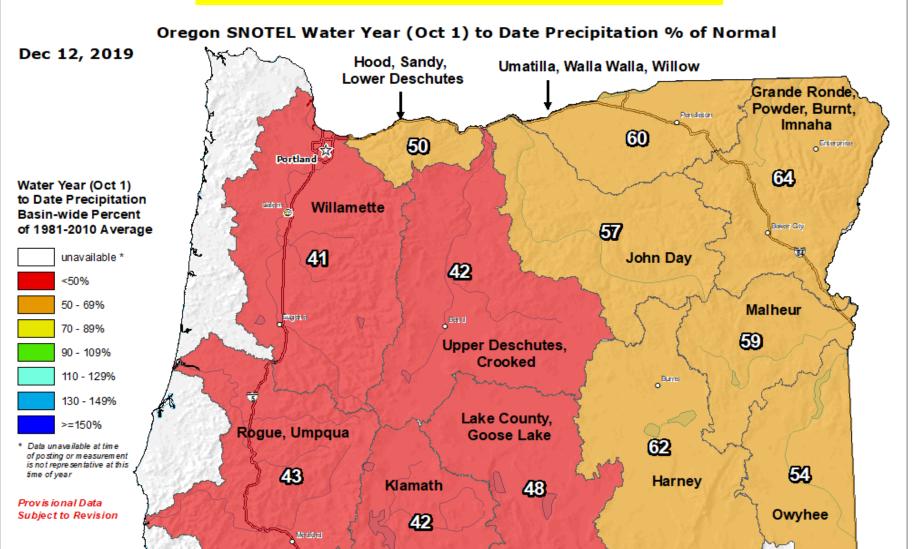
http://www.wcc.nrcs.usda.gov

the first reading of the day (typically 00:00).





Statewide SNOTEL Precipitation is 47% of normal



The water year to date precipitation percent of normal represents the accumulated precipitation found at selected SNO TEL sites in or near the basin compared to the average value for those sites on this day. Data based on the first reading of the day (typically 00:00).

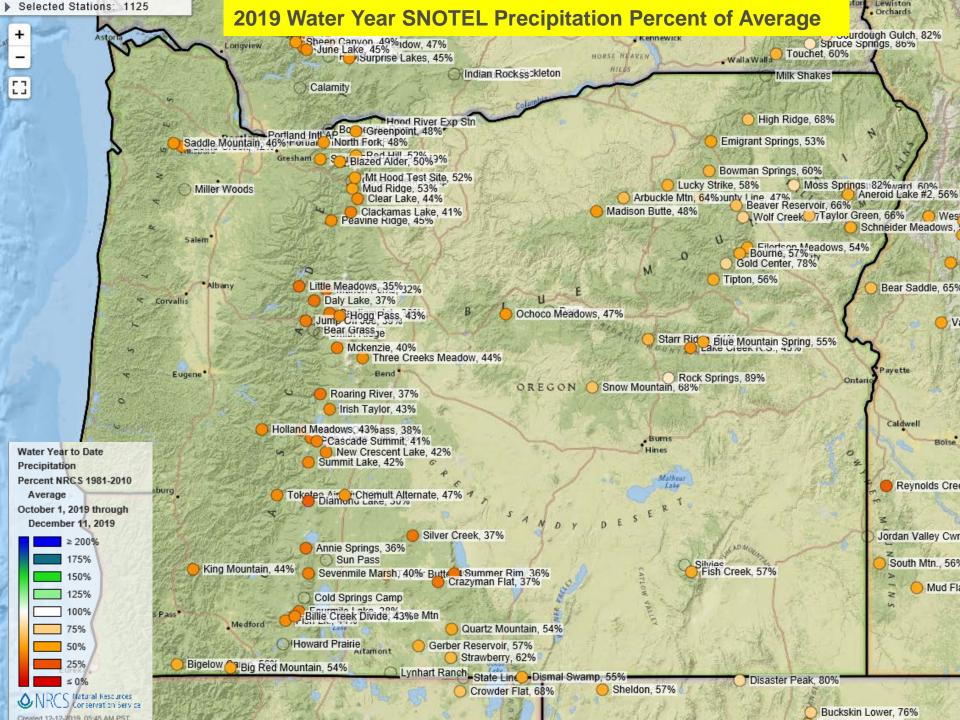
Prepared by: USDA/NRCS National Water and Climate Center Portland, Oregon http://www.wcc.nrcs.usda.gov

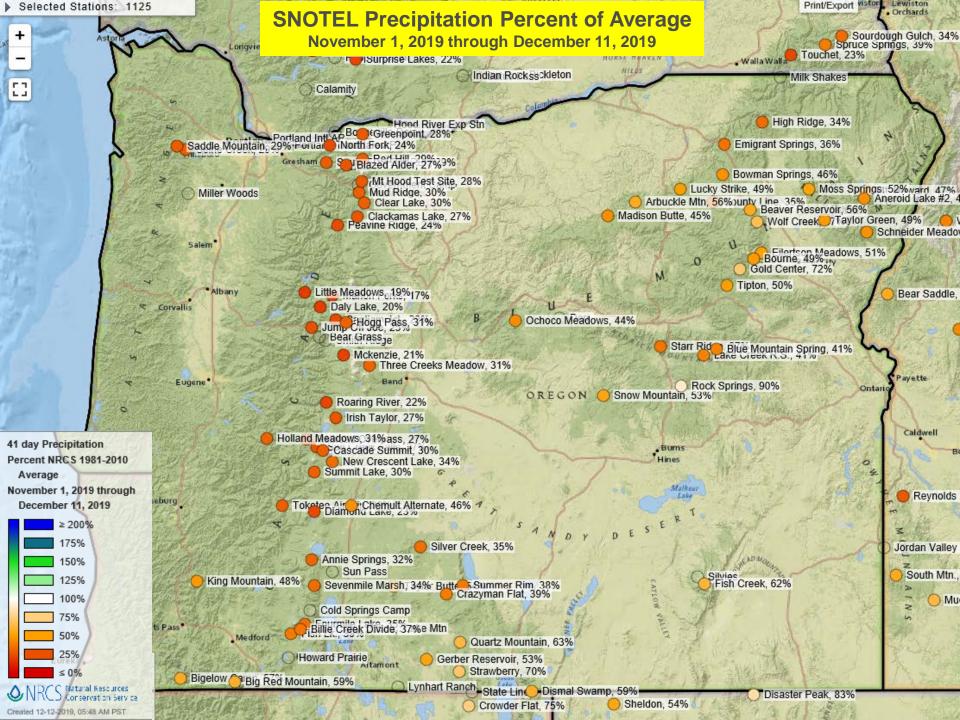
60

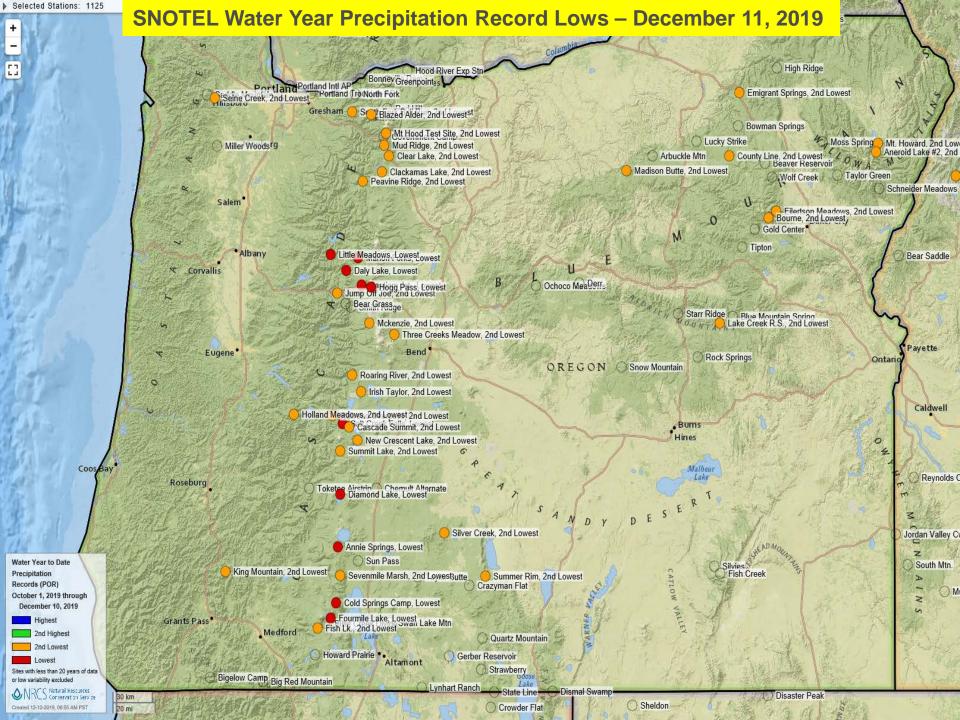
80

0 10 20

Miles









Thank you

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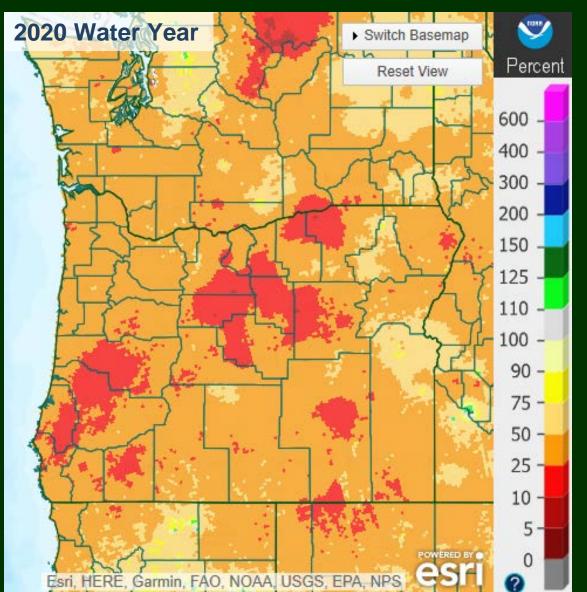


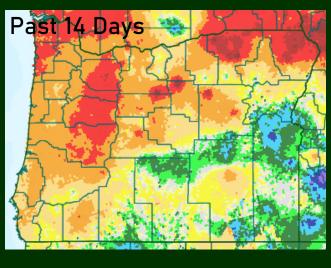
Andy Bryant NOAA/NWS Portland Weather Forecast Office

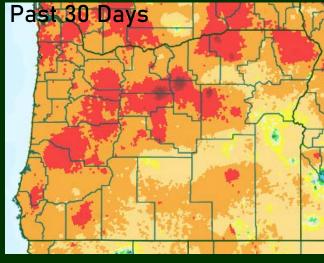
Amy Burke NOAA/NWS/Northwest River Forecast Center



Precipitation % of Average

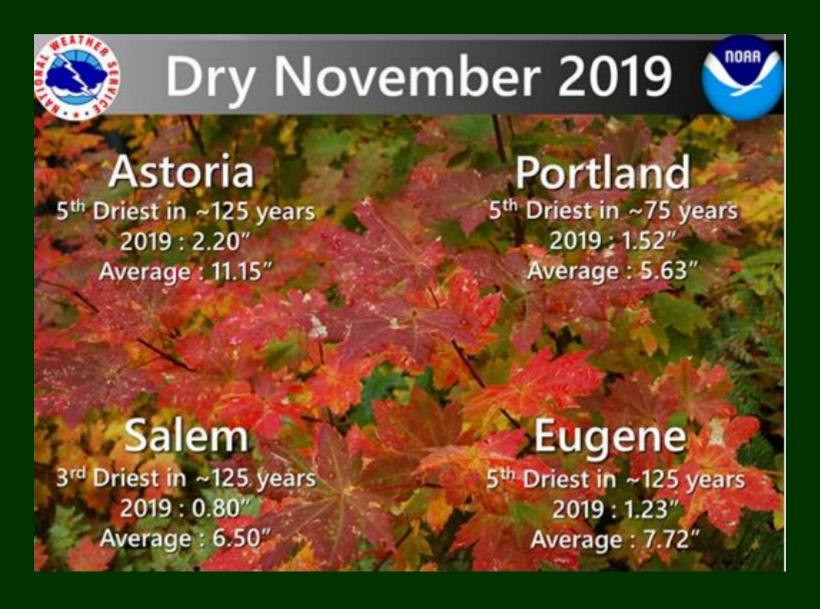






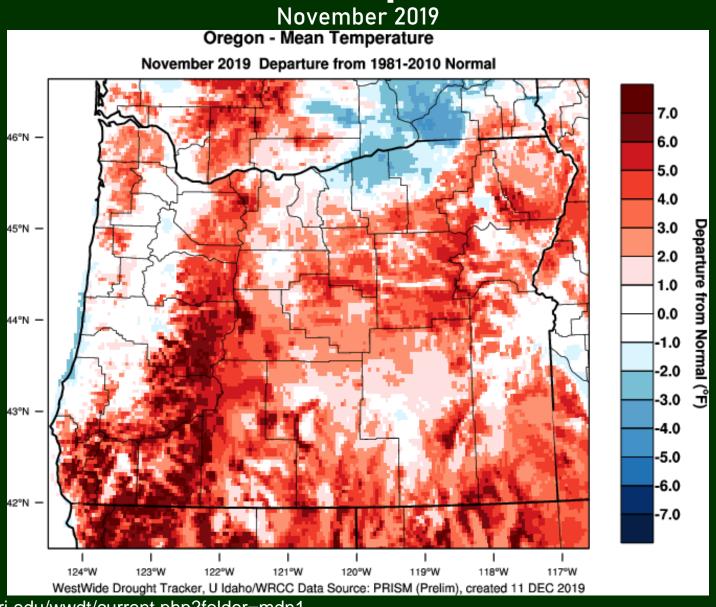


Notable November Precipitation





Recent Temperatures





Drought Monitor

U.S. Drought Monitor

November 5, 2019

West

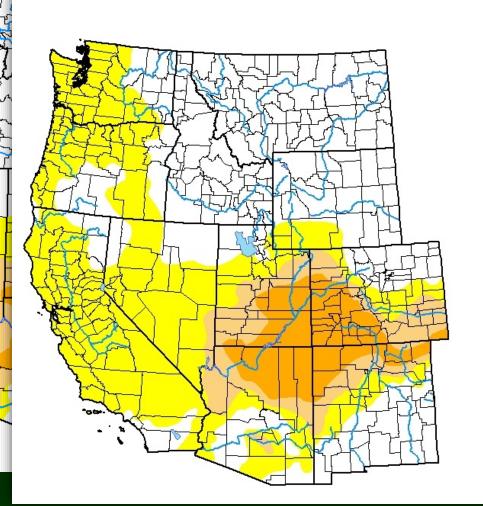
(Released Thursday, Nov. 7, 2019)

U.S. Drought Monitor

West

December 3, 2019

(Released Thursday, Dec. 5, 2019) 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:

Deborah Bathke National Drought Mitigation Center





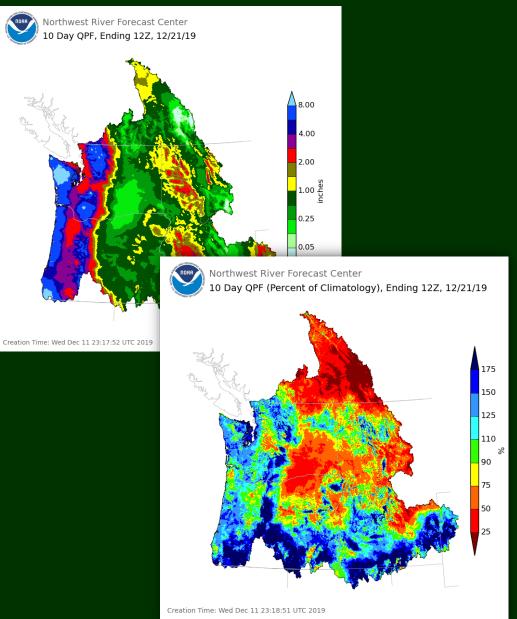


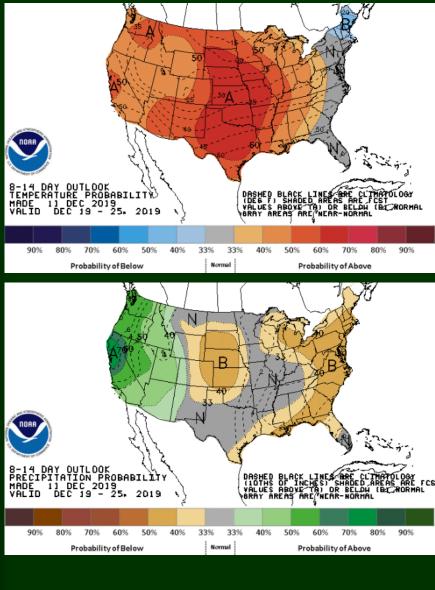






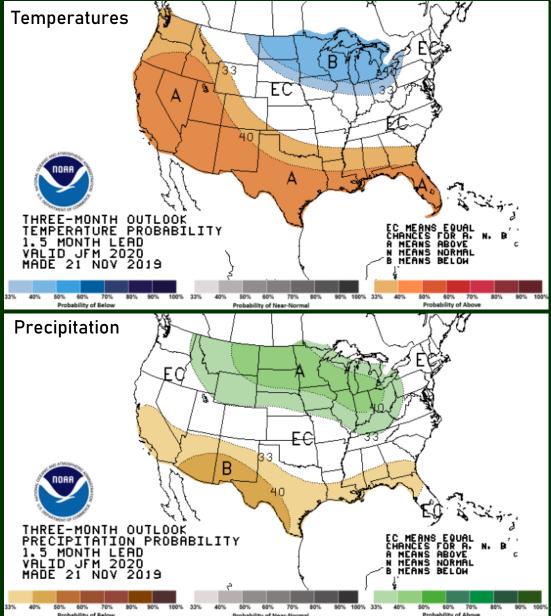
Mid/Late December Outlook







Climate Prediction Center Outlook Jan-Feb-Mar 2020

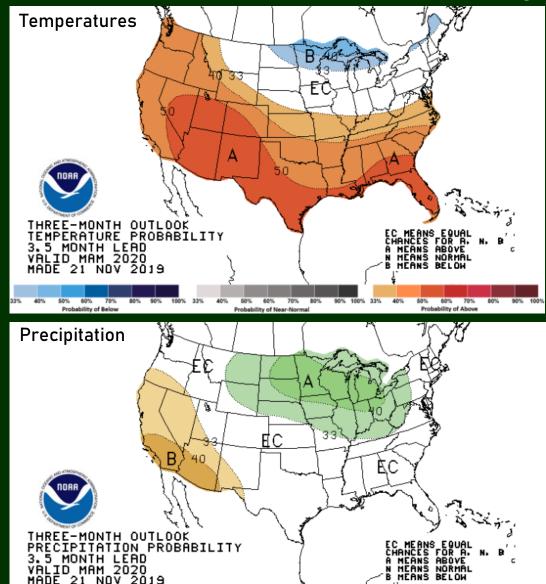








Climate Prediction Center Outlooks Mar-Apr-May 2020



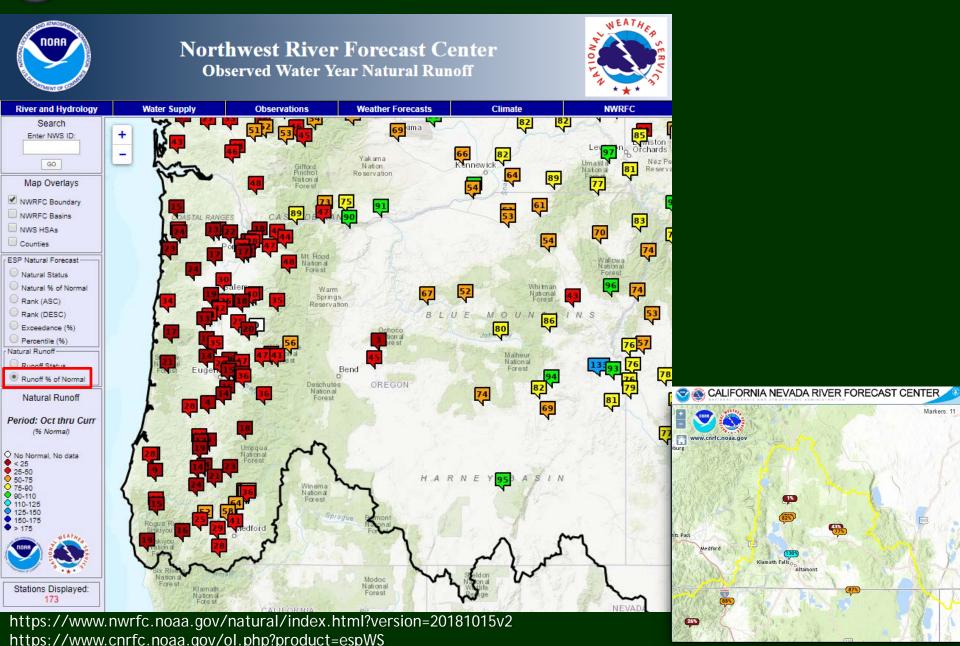


Probability of Below





Observed Adjusted WY20 Runoff thus far

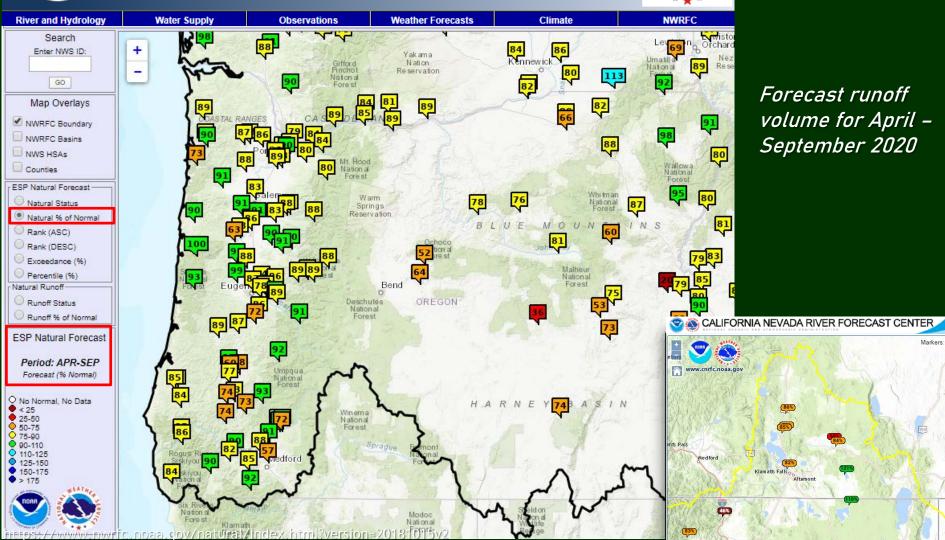




Seasonal Water Supply Forecasts



Northwest River Forecast Center ESP Natural Forecast





Link to Northwest River Forecast Center ESP Natural Forecasts

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

Live Water Supply Briefings

First Thursday of each month January though late spring.

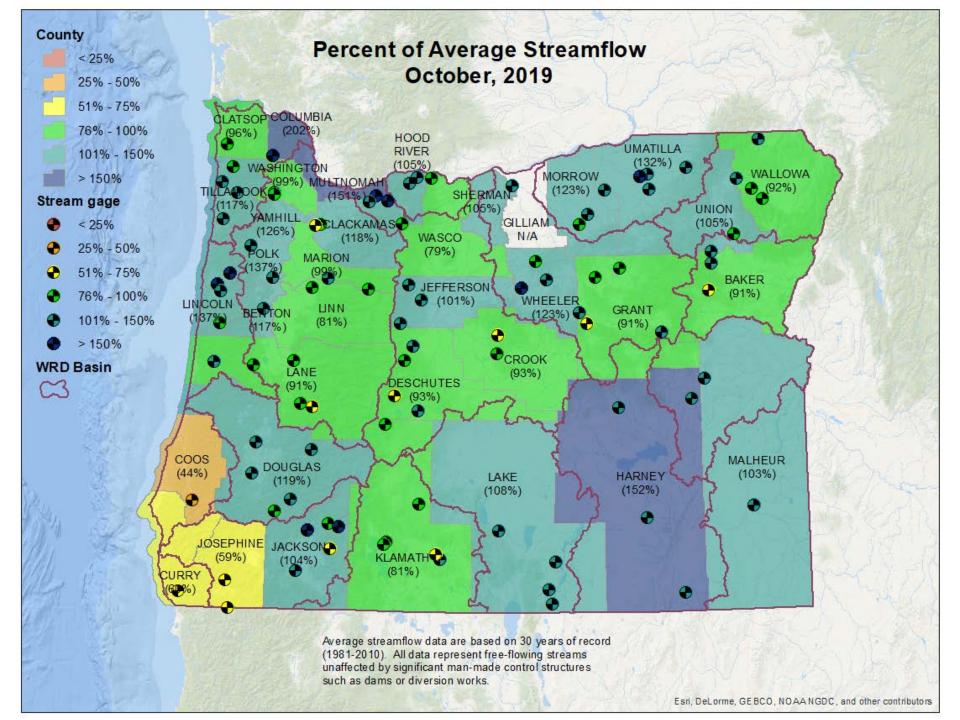
2020 Schedule for Live Water Supply Briefings								
Jan	Feb Mar Apr May June							
9	6	5	2	7	TBD			
All pi	resentations h	neld at 10:00a	am PDT/PST,	, unless noted	otherwise			
Click here for Registration Information								

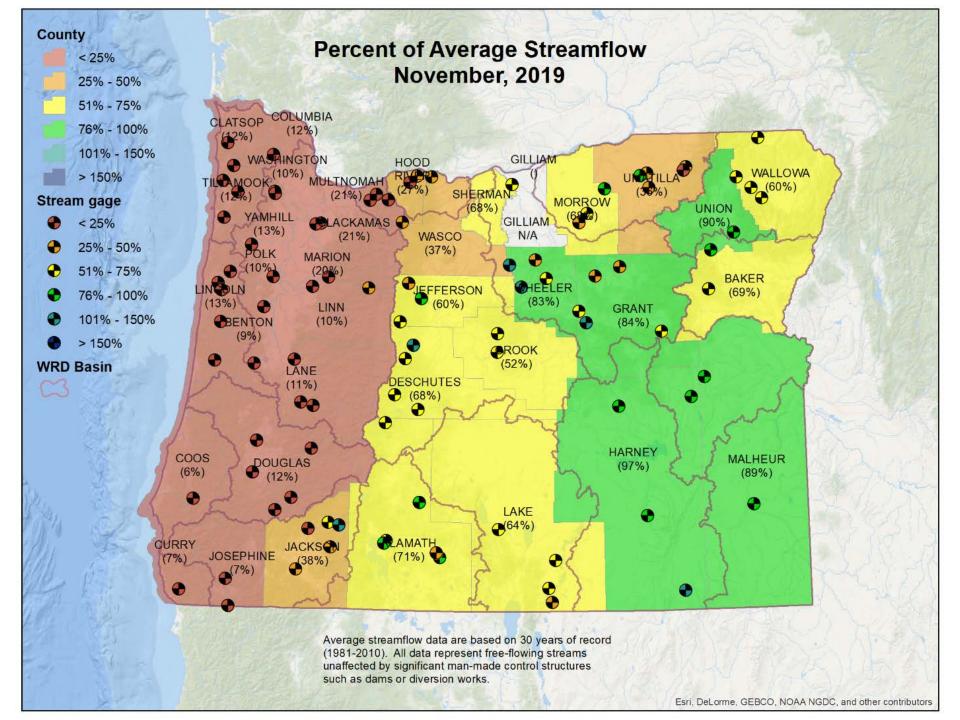
Online schedule: https://www.nwrfc.noaa.gov/water_supply/ws_schd.cgi

Water Supply Conditions Report Water Supply Availability Committee



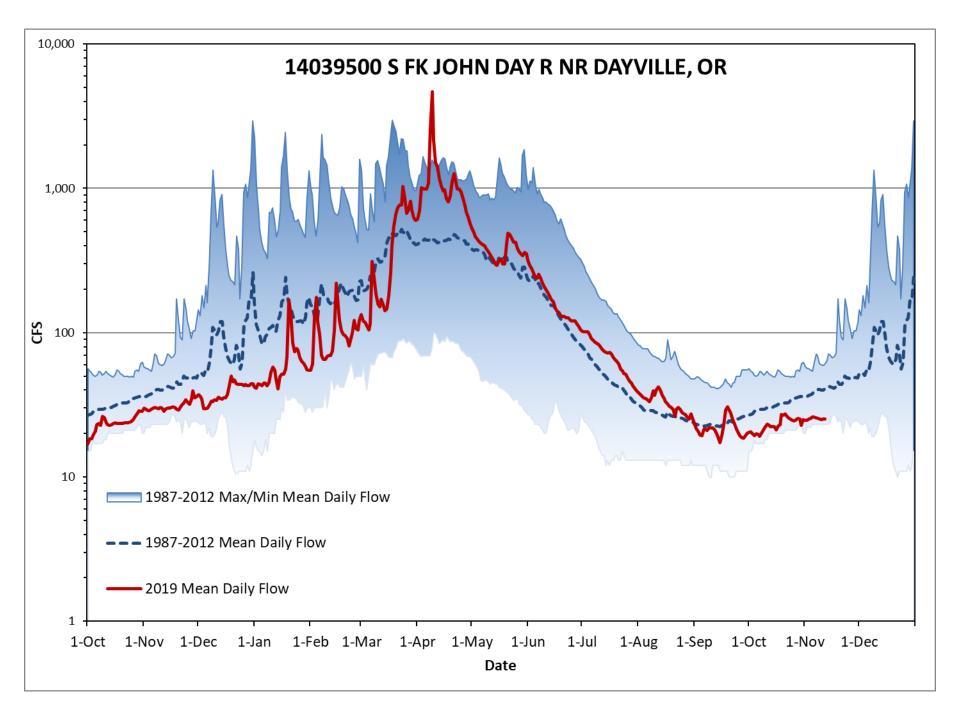


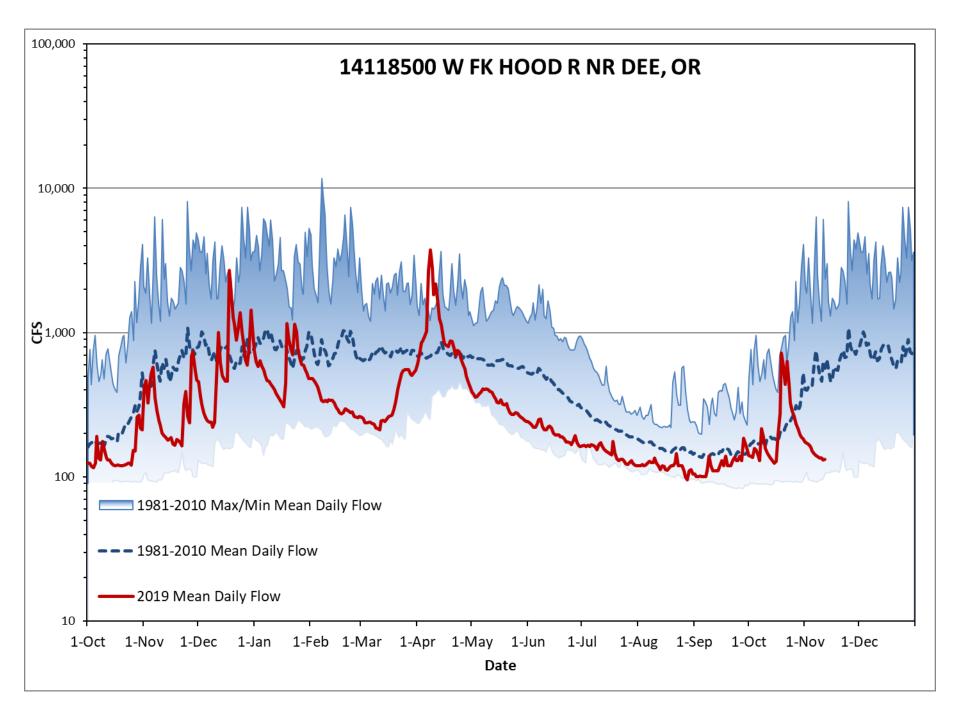


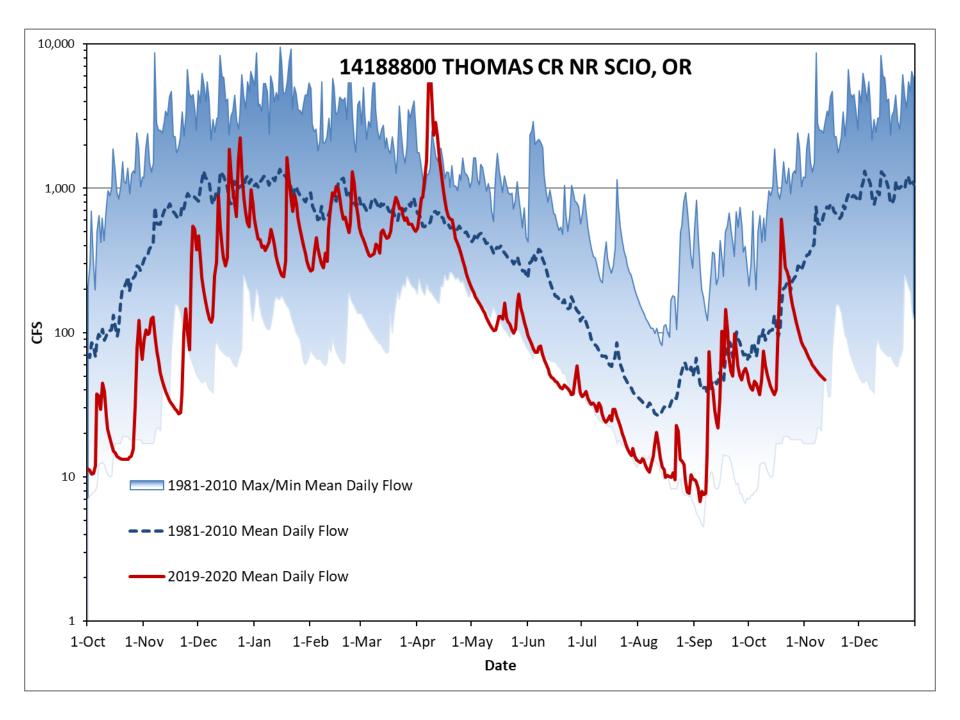




Basin	Water Year % of average through November, 2019	% of average for November	% of average for 12/10/2019	# of data points
West Side	31%	16%	20%	44
East Side	81%	69%	61%	45
State	62%	49%	45%	89





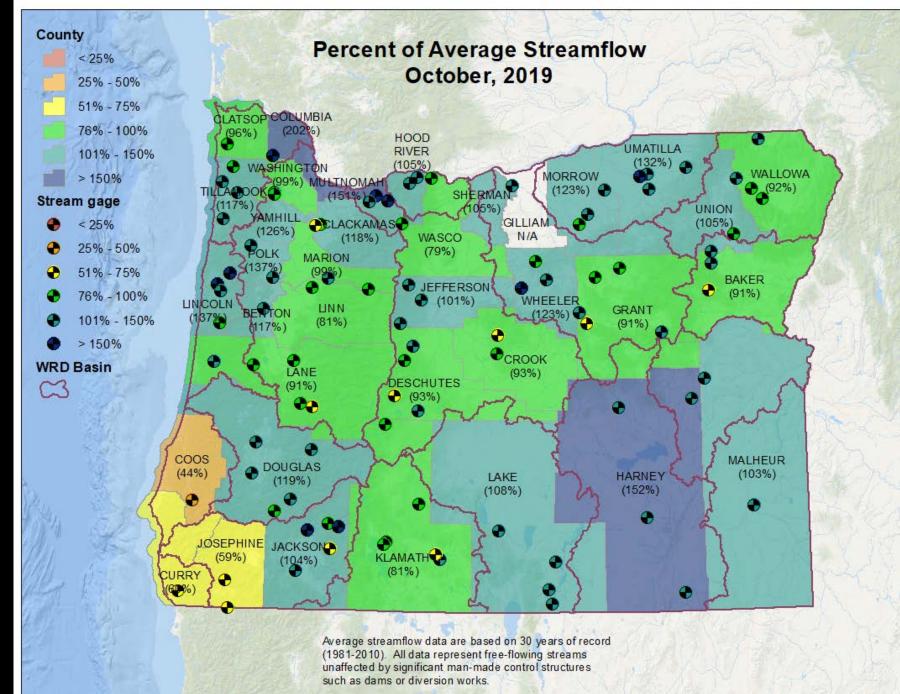


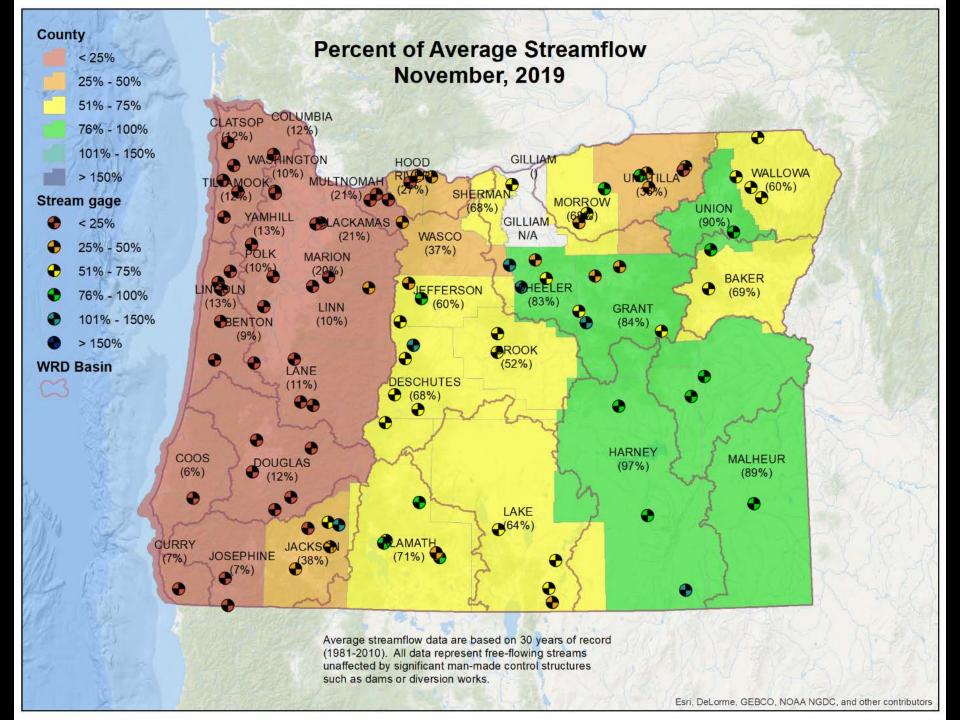




Thank you

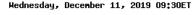


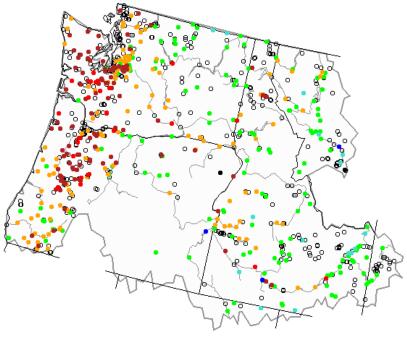






Basin	Water Year % of average through November, 2019	% of average for November	% of average for 12/10/2019	# of data points
	-			•
West Side	31%	16%	20%	44
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State	62%	49%	45%	89





ZUSGS

Search USGS streamgage

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

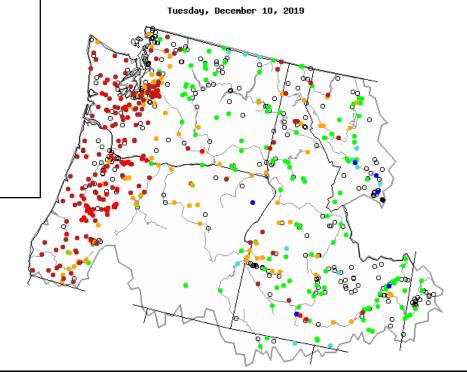
 Single station
 Peak flow

	Explanation - Percentile classes								
•		•	•		•	•	0		
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	Not-ranked		

Map of Current 7-day average streamflow (left) compared to historical streamflow for the day of the year (Pacific Northwest)

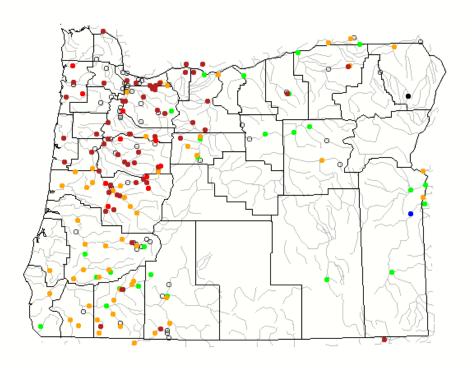
and

28-day average (below).





Tuesday, December 10, 2019





Search USGS streamgage 🔑

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

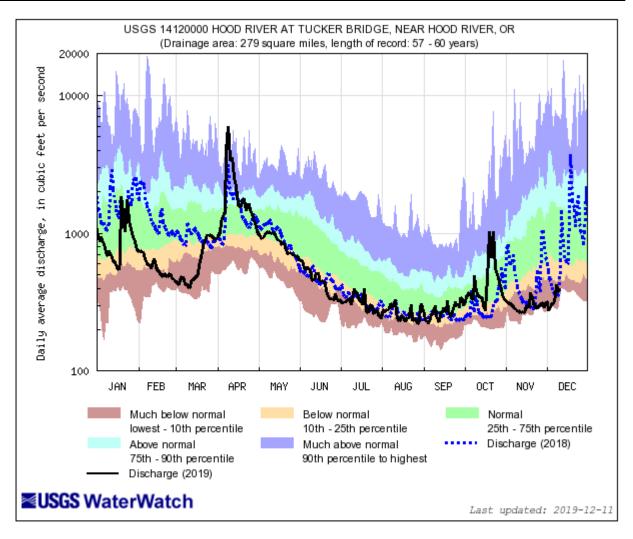
○ List of all stations ○ Single station ○ Nearest stations ○ Peak flow

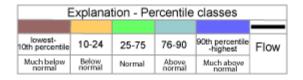
	Explanation - Percentile classes							
•		•	•		•	•	0	
Low	<10	10-24	25-75	76-90	>90	Lliab	Not-ranked	
	Much below normal	Below normal	Normal	Above normal	Much above normal	High	140t-ranked	



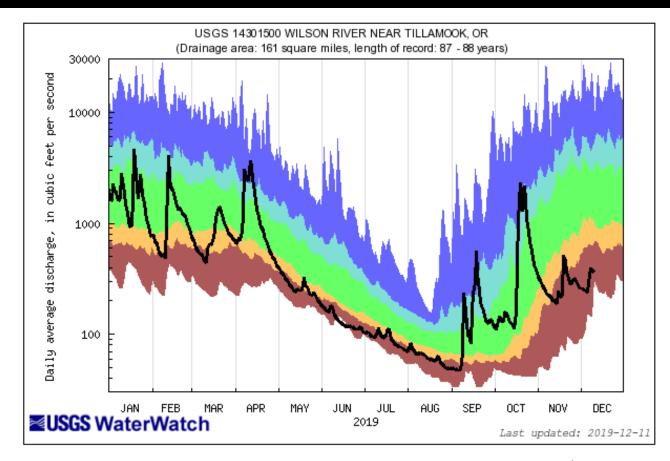
Map of daily streamflow compared to historical streamflow for the day of the year (Oregon)

14120000 Hood R at Tucker Bridge



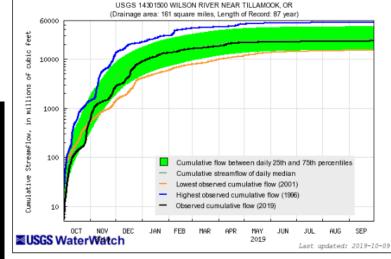






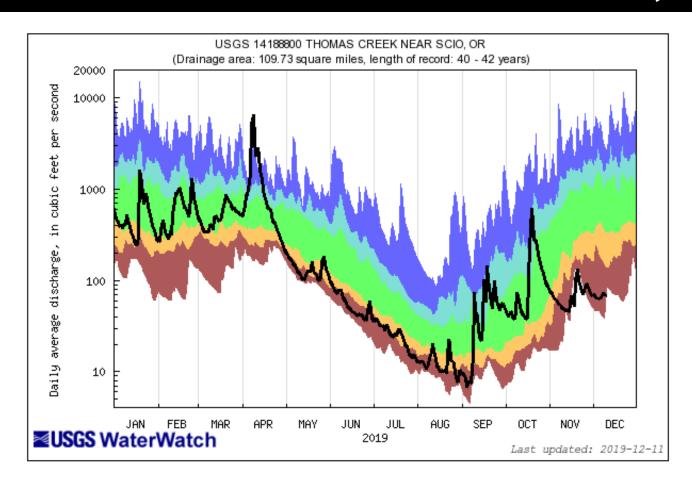
14301500 Wilson River nr Tillamook

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				



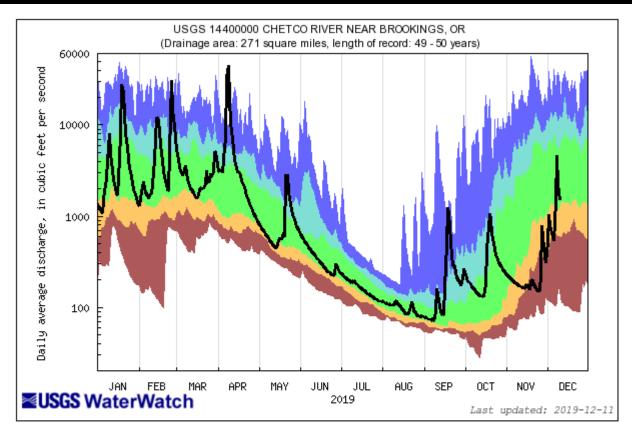


14188800 Thomas Cr near Scio, OR

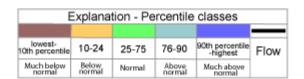


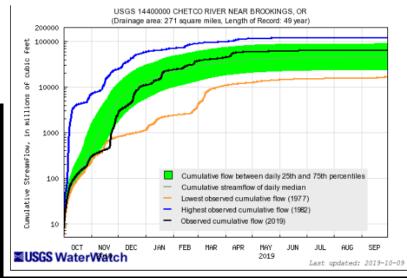
Explanation - Percentile classes							
					_		
lowest- 10th percentile	10-24	25-75	76-90	90th percentile -highest	Flow		
Much below normal	Below normal	Normal	Above normal	Much above normal			





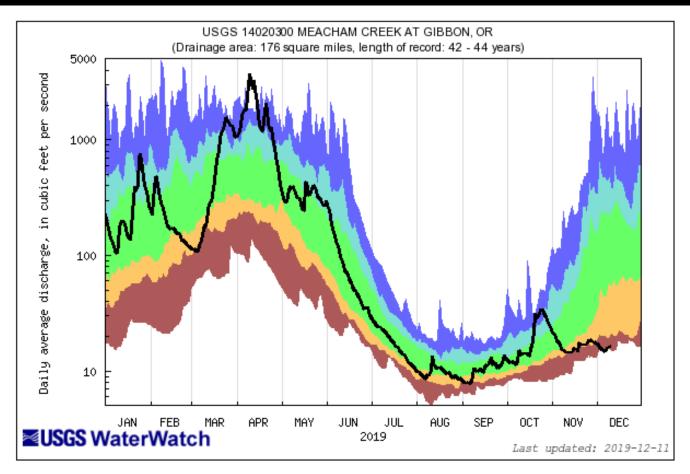
14400000 Chetco River nr Brookings







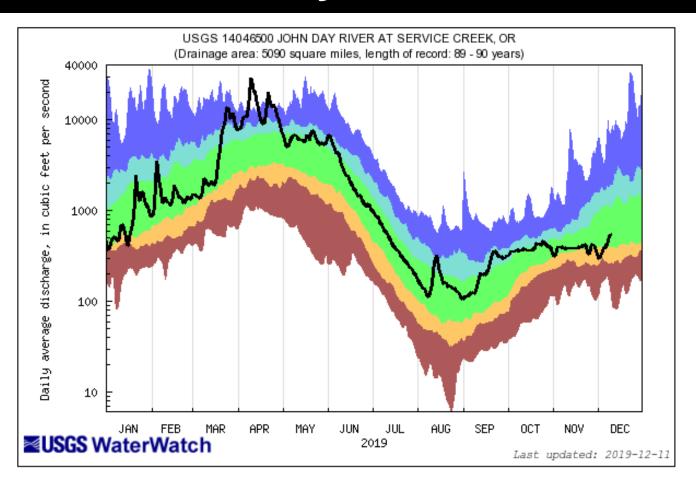
14020300 Meacham Cr at Gibbon, OR



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				



14046500 John Day R at Service Cr, OR

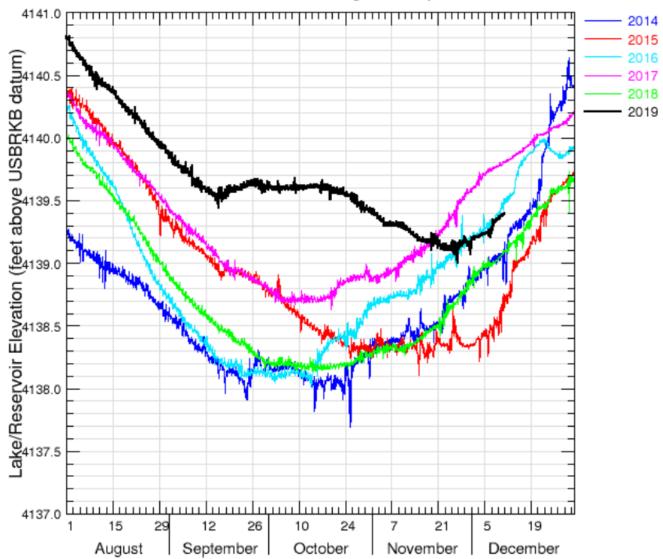


Explanation - Percentile classes							
					_		
lowest- 10th percentile	10-24	25-75	76-90	90th percentile -highest	Flow		
Much below normal	Below normal	Normal	Above normal	Much above normal			

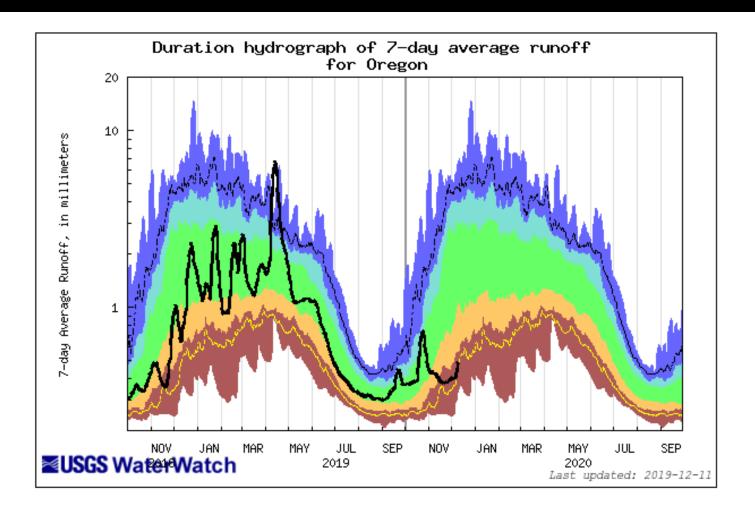


Upper Klamath Lake nr Klamath Falls, OR [weighted/mean] (11507001)









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		

