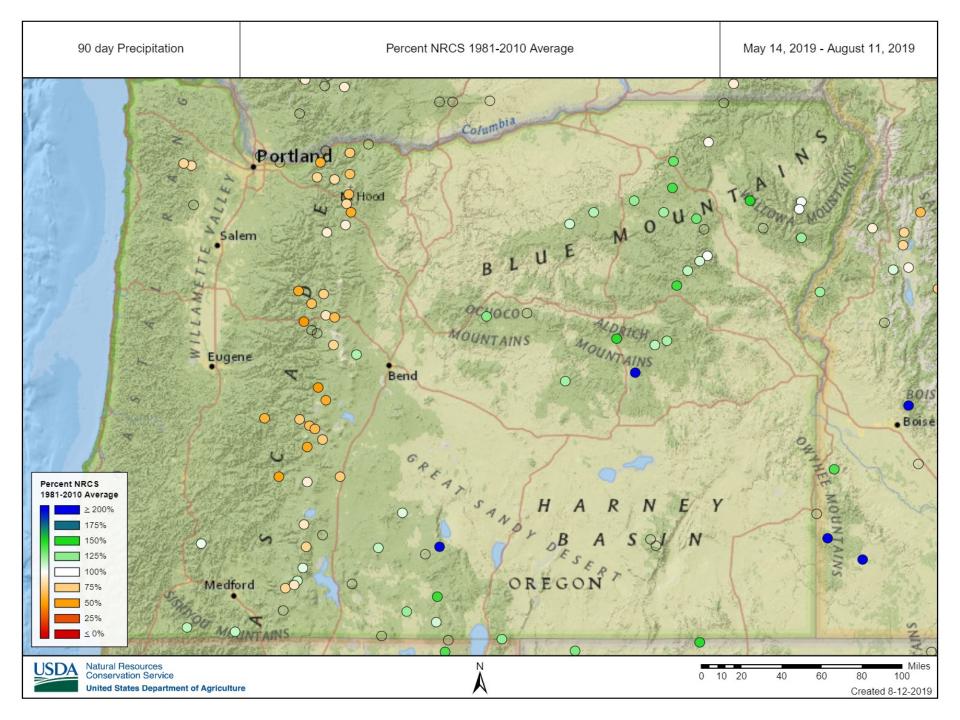
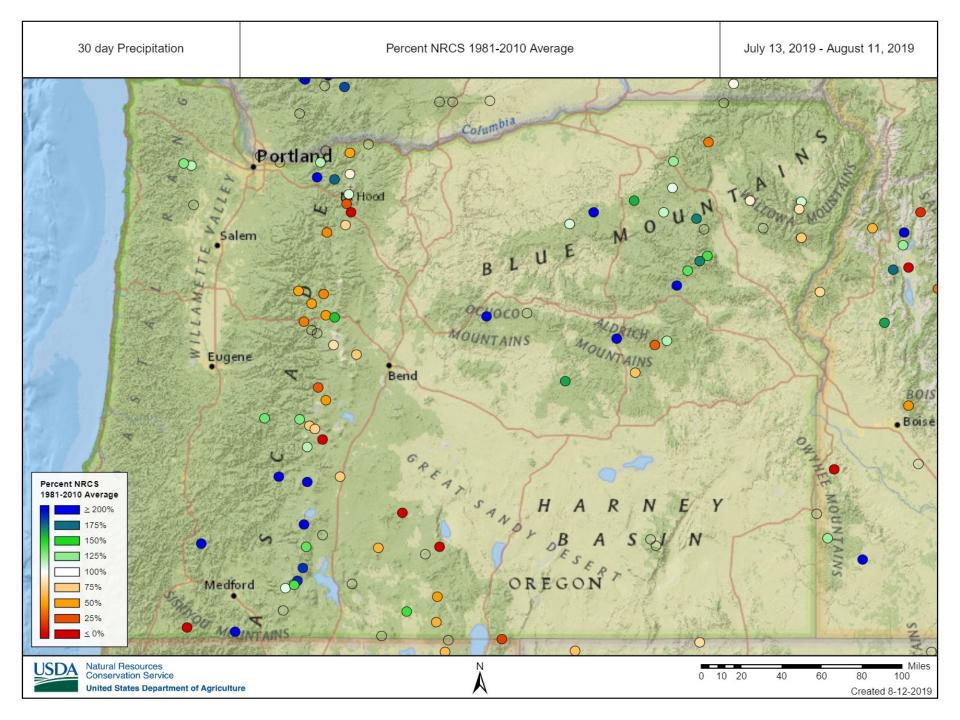


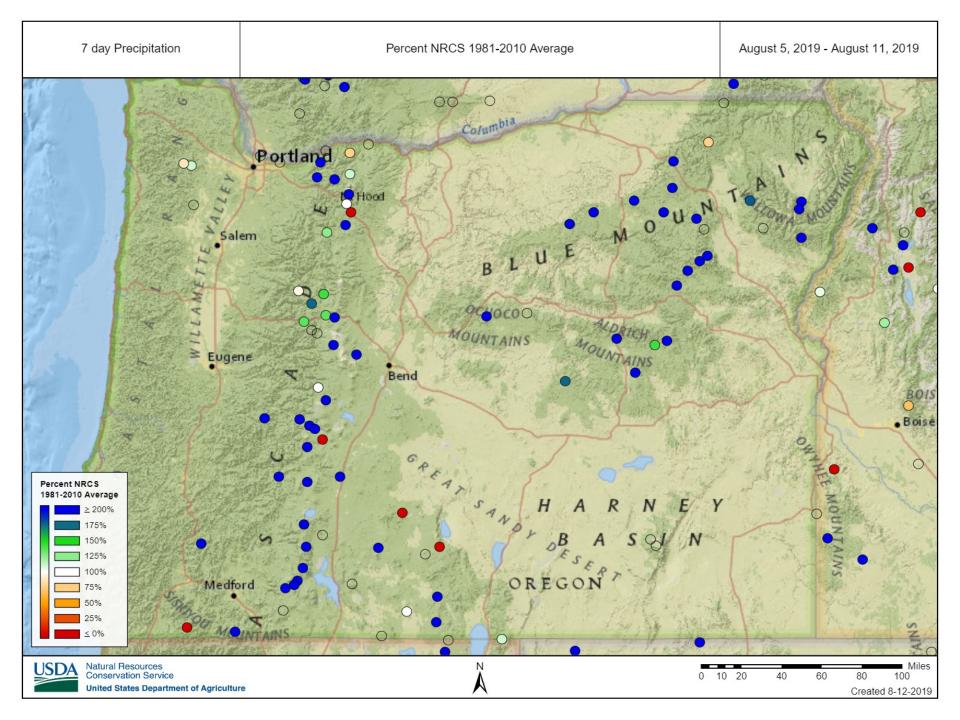
Statewide SNOTEL Precipitation is 93% of normal Oregon SNOTEL Water Year (Oct 1) to Date Precipitation % of Normal Aug 12, 2019 Hood, Sandy, Umatilla, Walla Walla, Willow Lower Deschutes Grande Ronde Powder, Burnt, Pendeton **Imnaha** 1113 Enterprise 81 Portland 109 Water Year (Oct 1) to Date Precipitation Willamette Saler Basin-wide Percent 1114 of 1981-2010 Average 87 John Day unavailable * 92 <50% 50 - 69% Malheur Eugene Bend 70 - 89% 1115 Upper Deschutes, 90 - 109% Crooked 110 - 129% Burns 130 - 149% Lake County, >=150% Rogue, Umpqua Goose Lake 1113 Data un available at time of posting or measurement is not representative at this 1119 94 time of year Harney Klamath 1110 Provis ional Data Owyhee Subject to Revision 97 Medford Miles 0 10 20 40 60 The water year to date precipitation percent of normal represents the Prepared by: accumulated precipitation found at selected SNO TEL sites in or near the basin USDA/NRCS National Water and Climate Center compared to the average value for those sites on this day. Data based on Portland, Oregon

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

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







Thank you

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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.



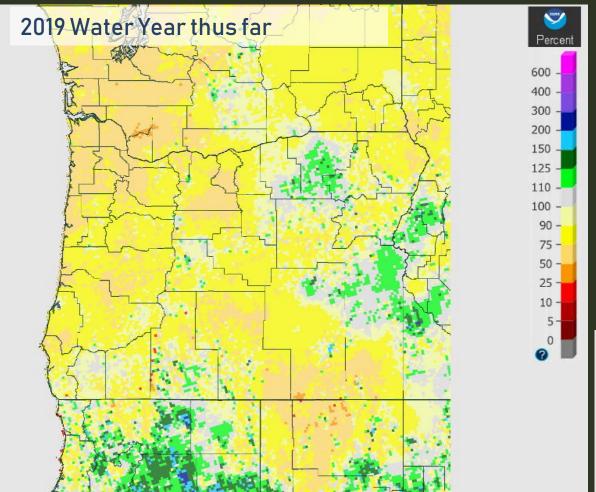


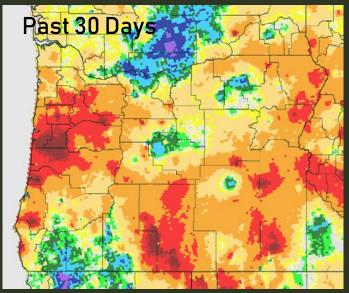


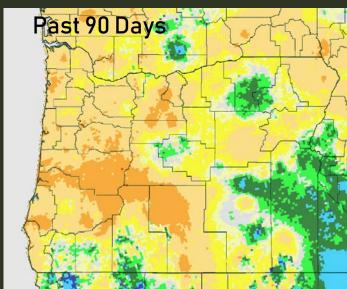
Andy Bryant NOAA/NWS Portland Weather Forecast Office Amy Burke NOAA/NWS/Northwest River Forecast Center



Precipitation % of Average

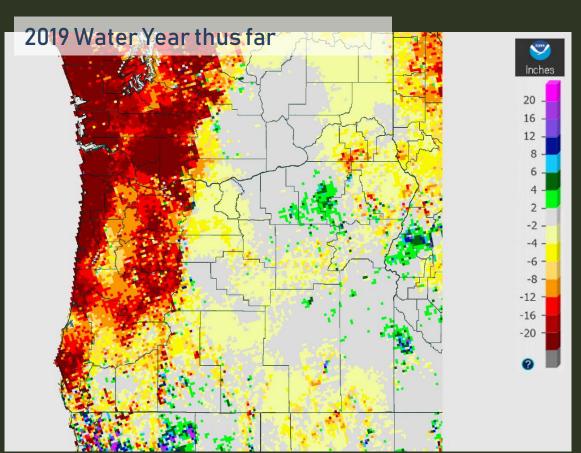


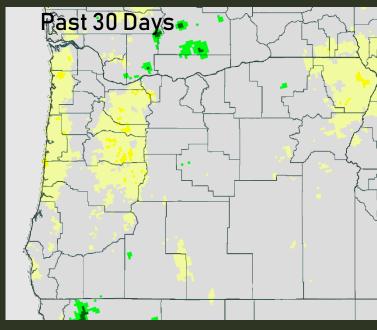


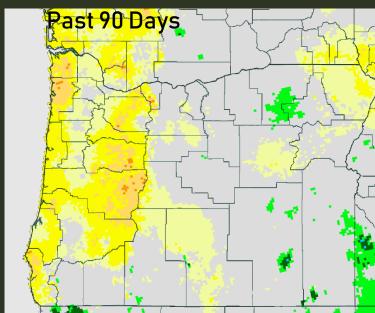




Precipitation Departure from Normal



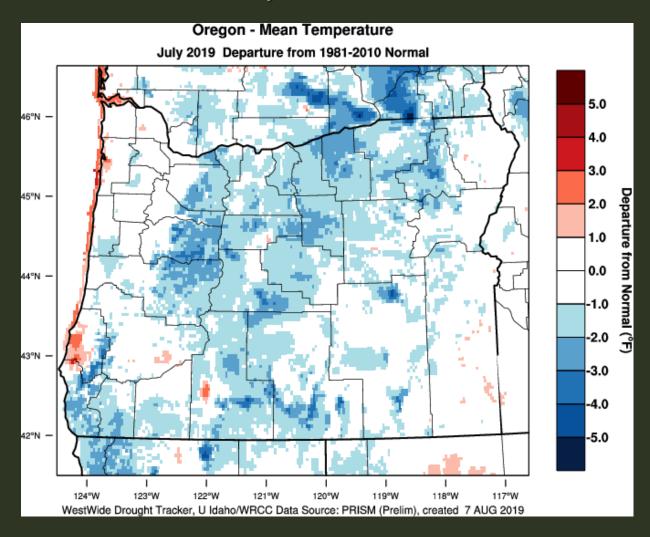






Recent Temperatures

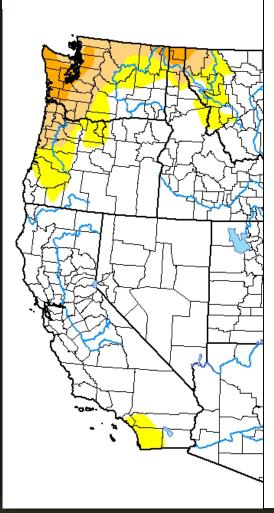
July 2019



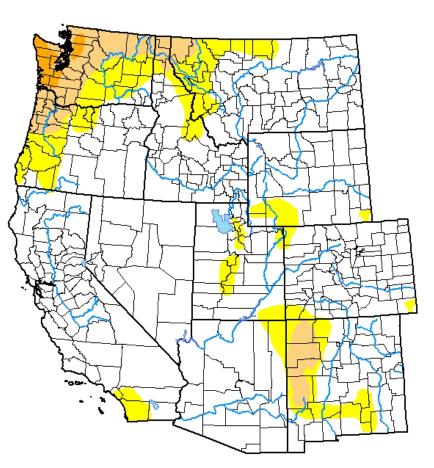


Drought Monitor

July 2, 2019 (Released Wednesday, Jul. 3, 2019) Valid 8 a.m. EDT



U.S. Drought Monitor West



August 6, 2019

(Released Thursday, Aug. 8, 2019) Valid 8 a.m. EDT

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. See accompanying text summary for forecast statements.

Author:

Richard Tinker CPC/NOAA/NWS/NCEP





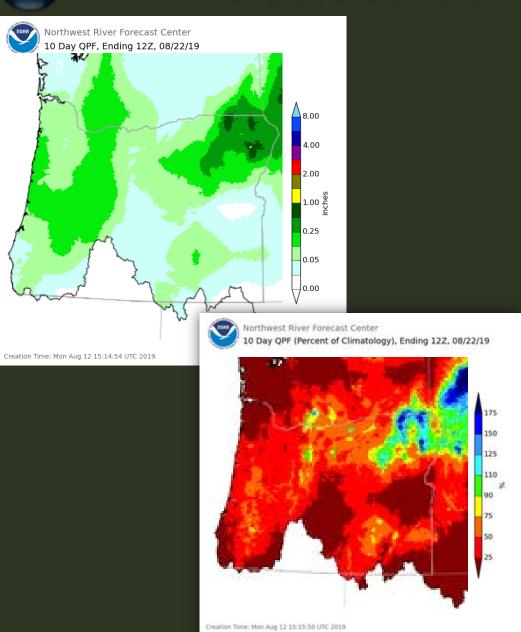


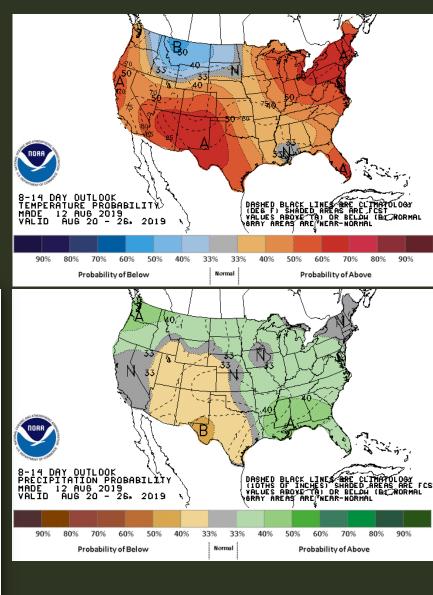


droughtmonitor.unl.edu



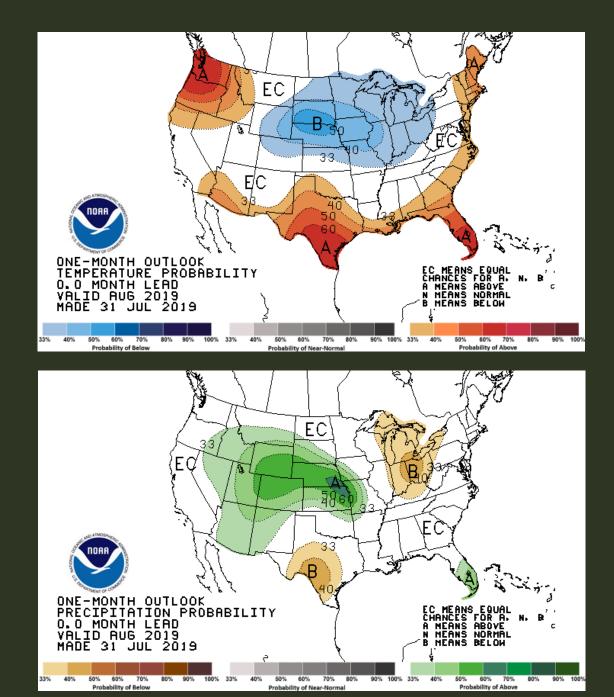
Outlook thru 14 days





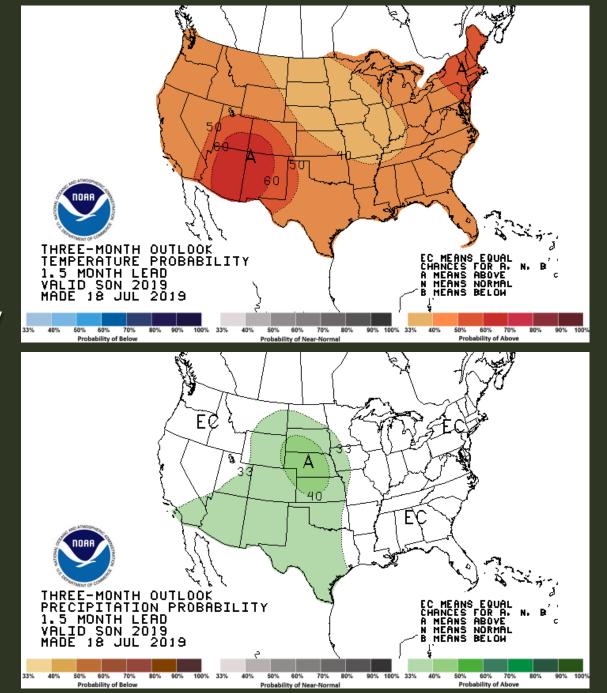


August Outlook





Sep-Oct-Nov Outlook





ENSO

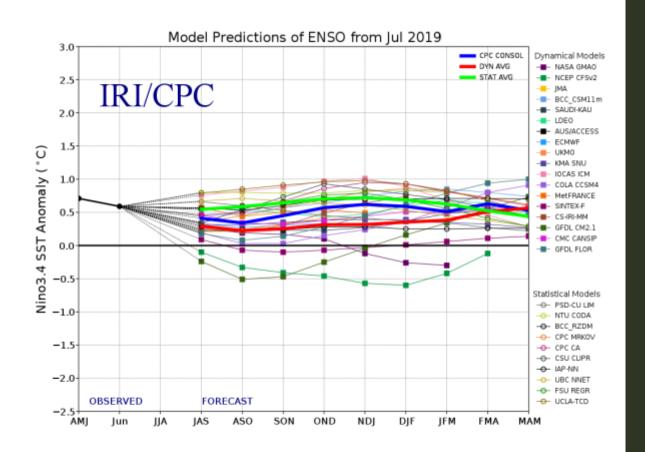
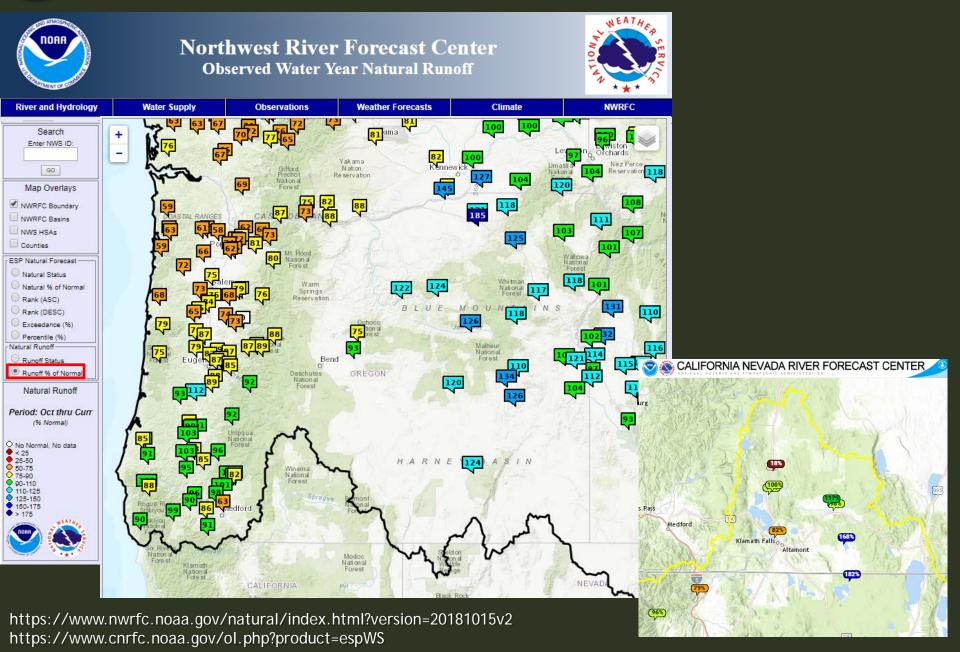


Figure 6. Forecasts of sea surface temperature (SST) anomalies for the Niño 3.4 region (5°N-5°S, 120°W-170°W). Figure updated 19 July 2019.

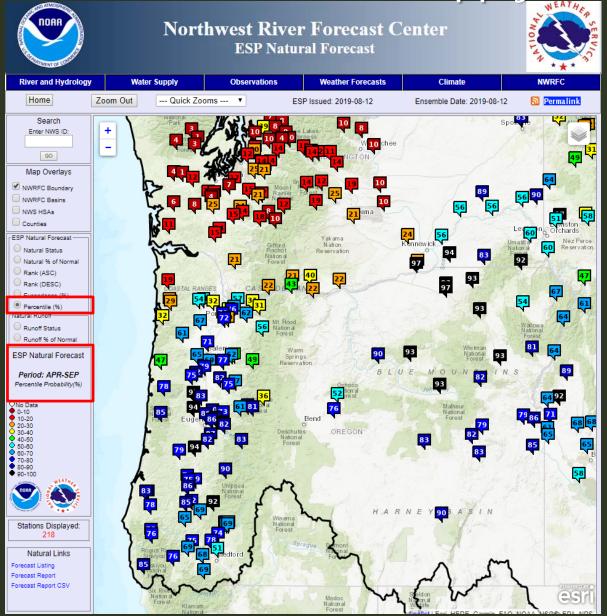


Observed WY19 Runoff thus far





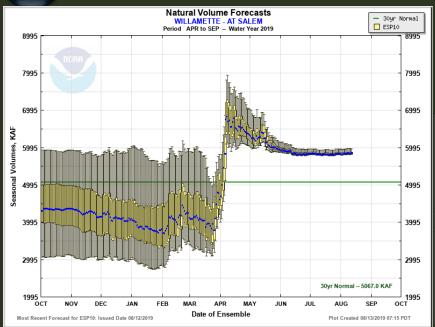
Ranked Seasonal Water Supply Forecasts



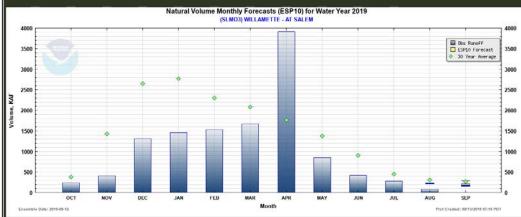
Forecast runoff volume for April -September 2019

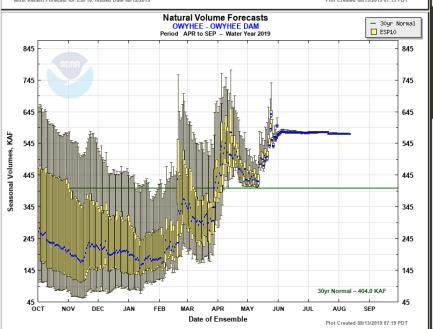


Natural Water Supply Forecasts

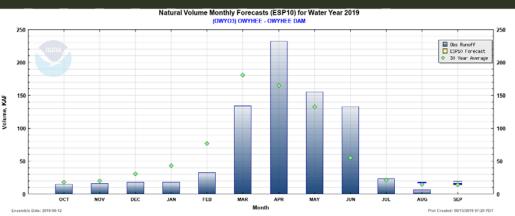






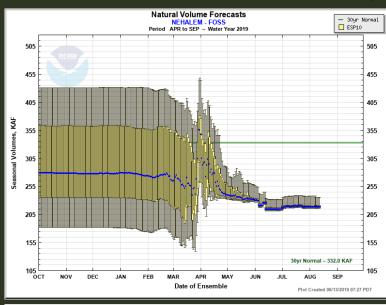


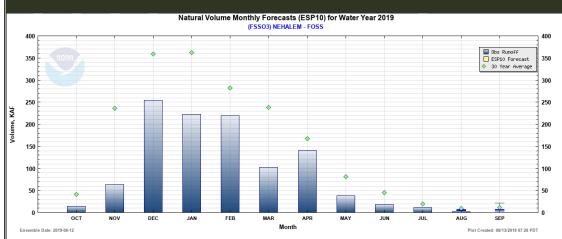
(East)

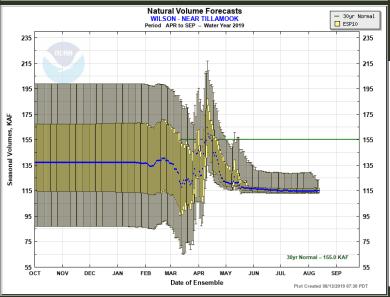


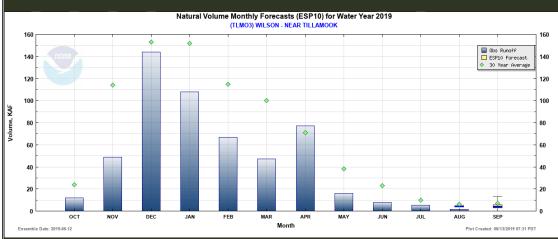


Natural Water Supply Forecasts (North Coast)











Link to Northwest River Forecast Center ESP Natural Forecasts

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

Live Water Supply Briefings

Tentatively scheduled for the first Thursday of each month January though late spring.

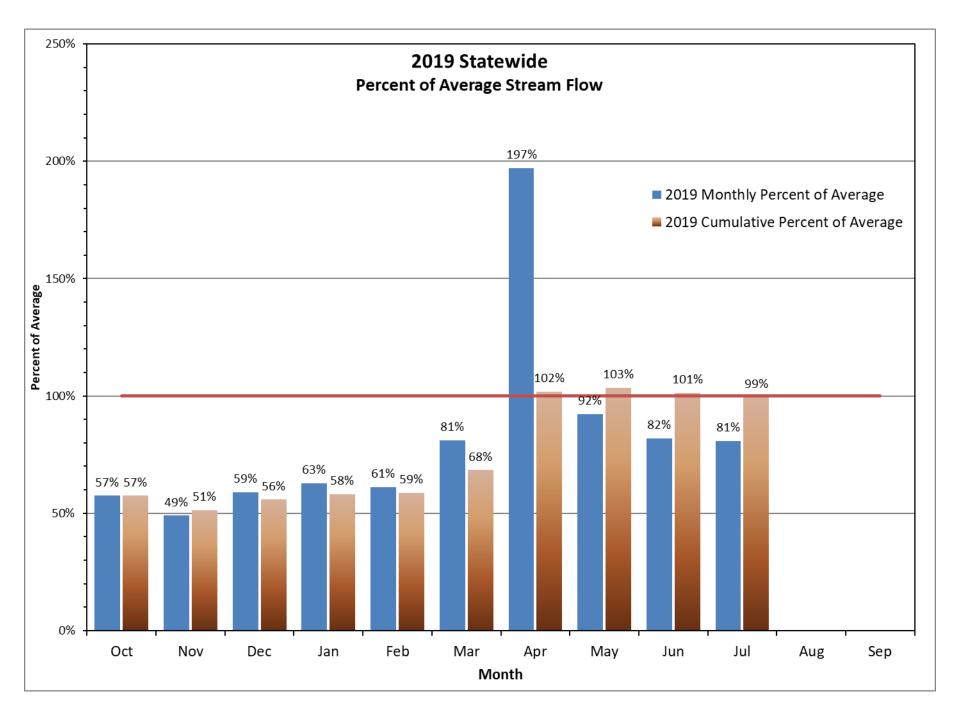
Please refer to online schedule which will be updated in the fall.

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

Water Supply Conditions Report Water Supply Availability Committee

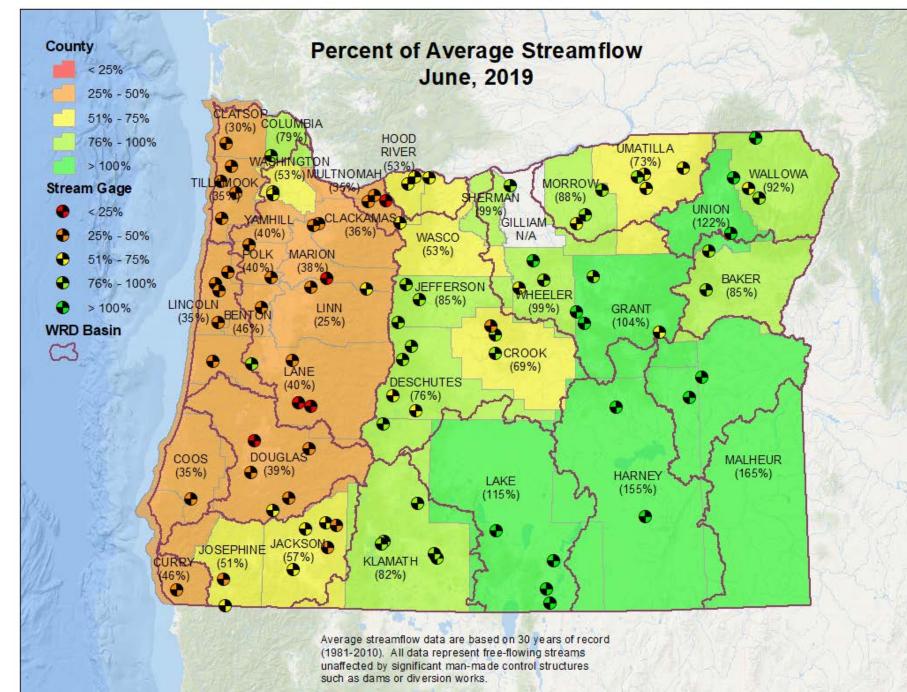


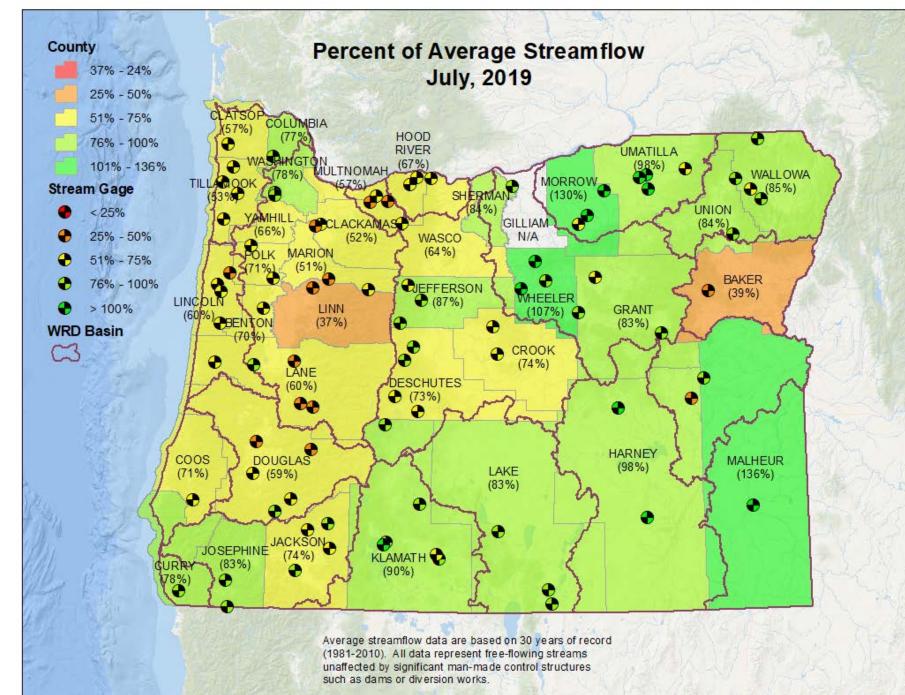


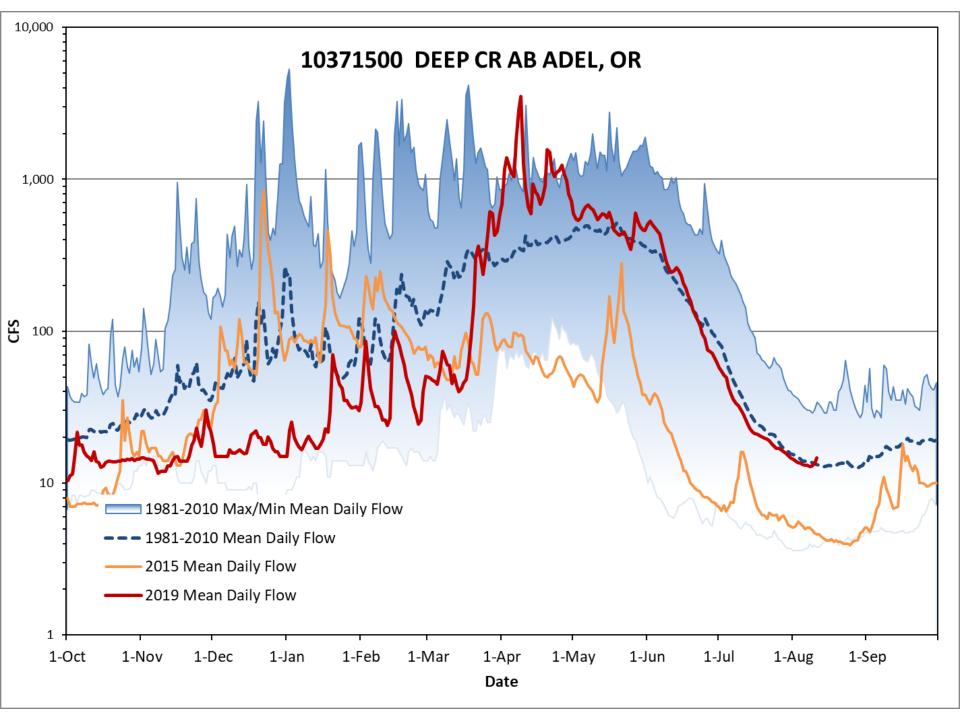


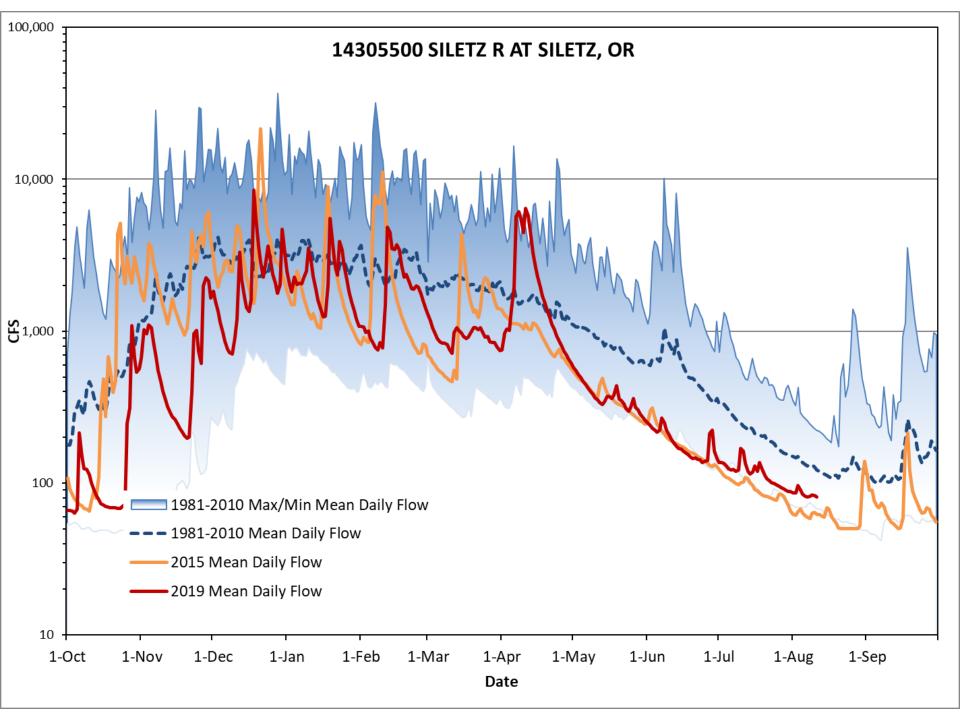


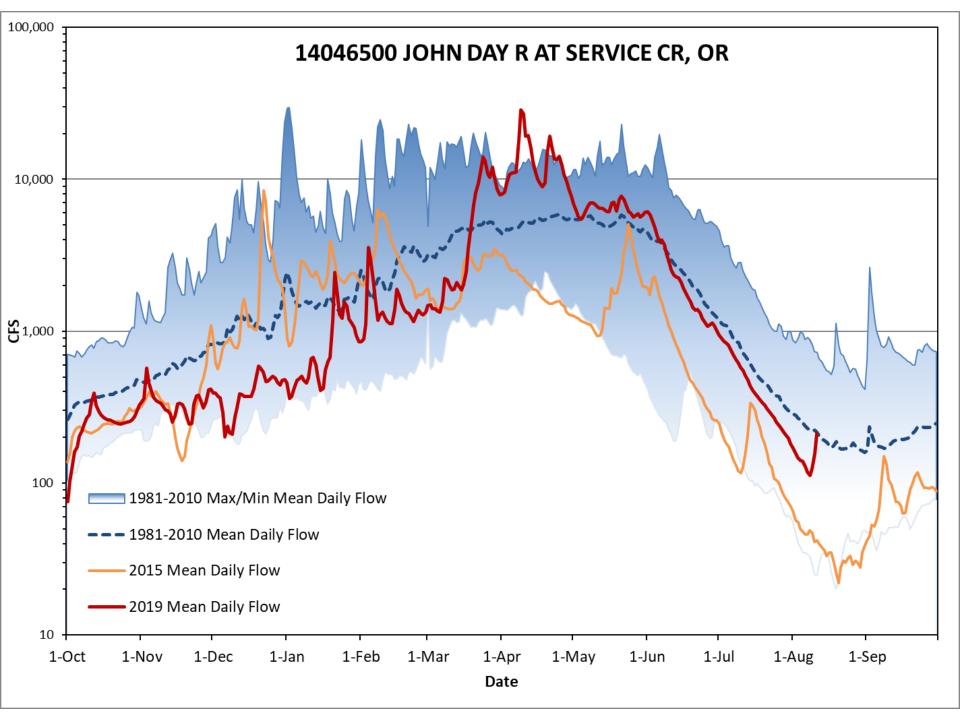
Basin	Water Year percent of average thru July	Percent of average for month of July	Percent of average for 08/09/2019	Number of data points
West Side	79%	63%	74%	43
East Side	112%	92%	124%	45
State	99%	81%	105%	88

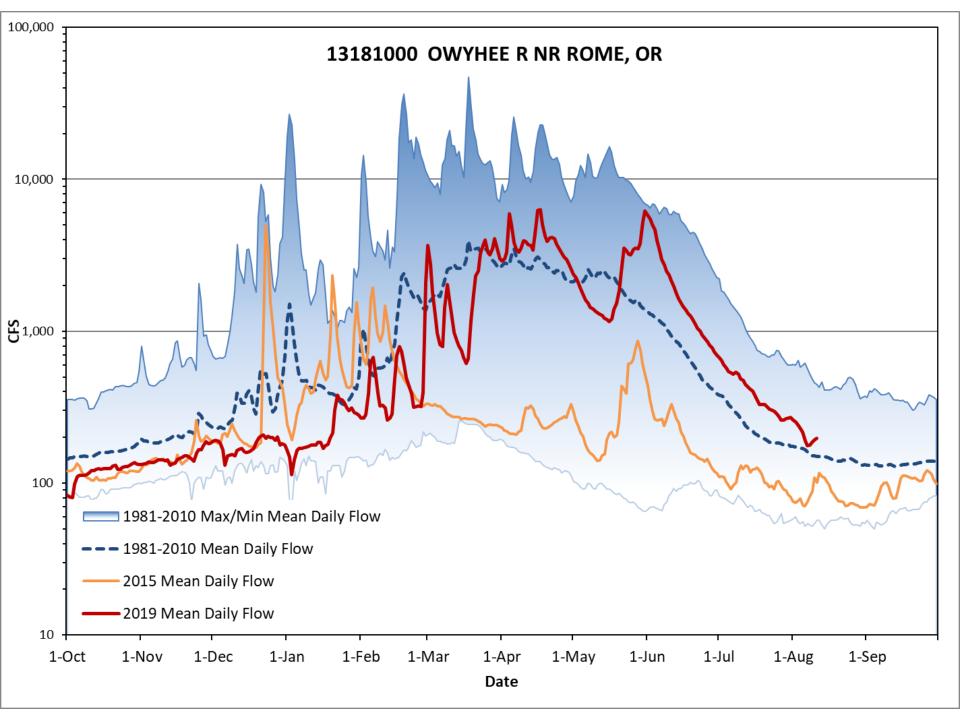












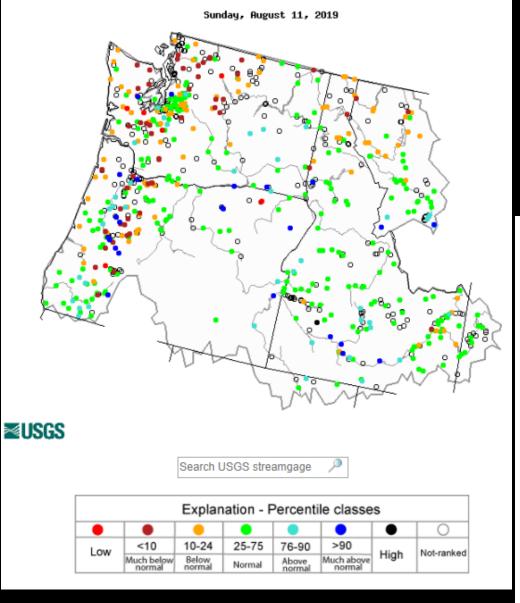


Thank you.

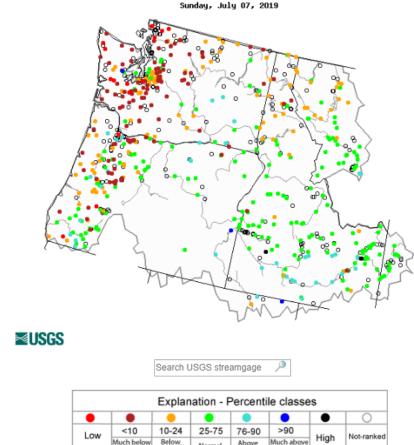
Oregon Water Supply Availability Meeting

August 2019



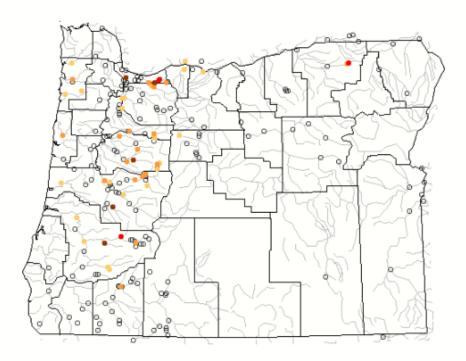


(Left) Map Current 7-day average streamflow compared to historical streamflow for the day of the year (Pacific Northwest)





Sunday, August 11, 2019





Search USGS streamgage 🔎

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

List of all stations

Single station

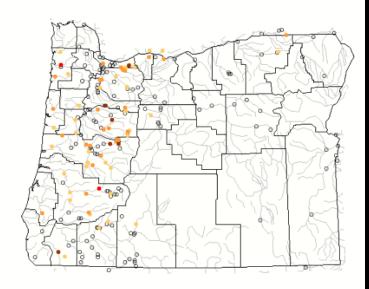
Nearest stations

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



Map of below normal 14-day average streamflow compared to historical streamflow for the day of year (Oregon)

Sunday, July 07, 2019





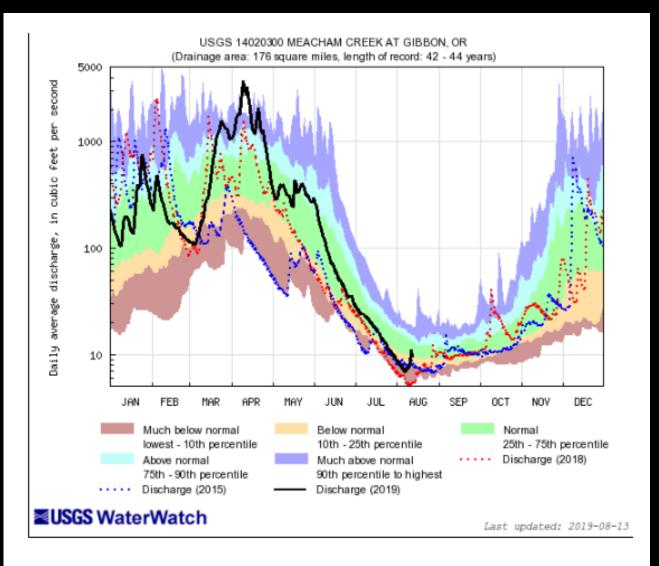
Search USGS streamgage 🔑

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

List of all stations
Single station
Nearest stations

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

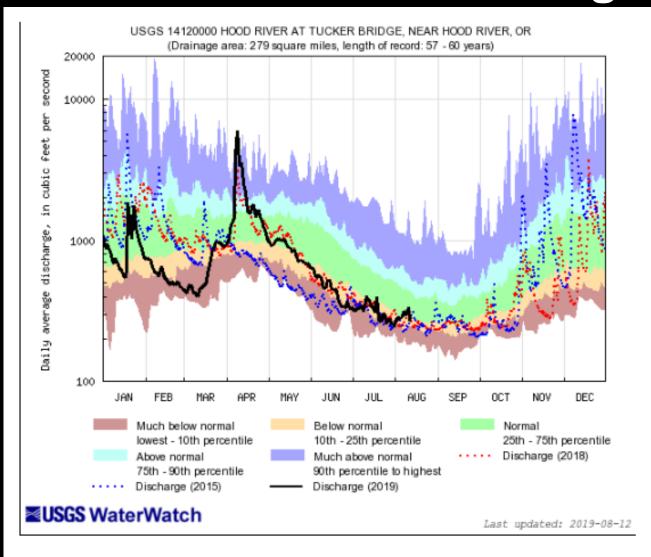
14020300 Meacham Ck at Gibon





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		

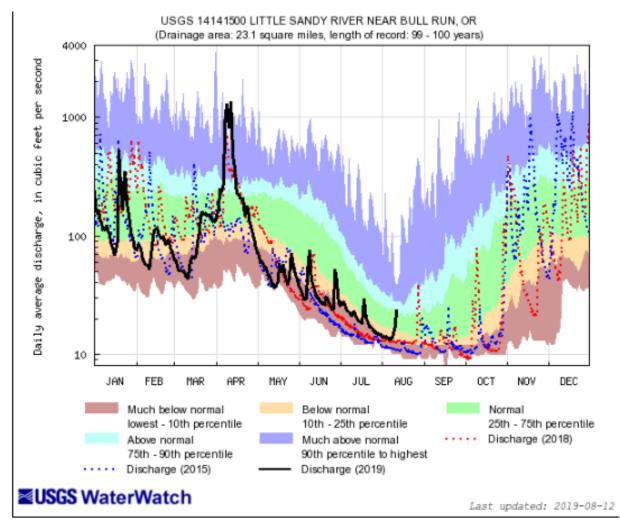
14120000 Hood R at Tucker Bridge





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		

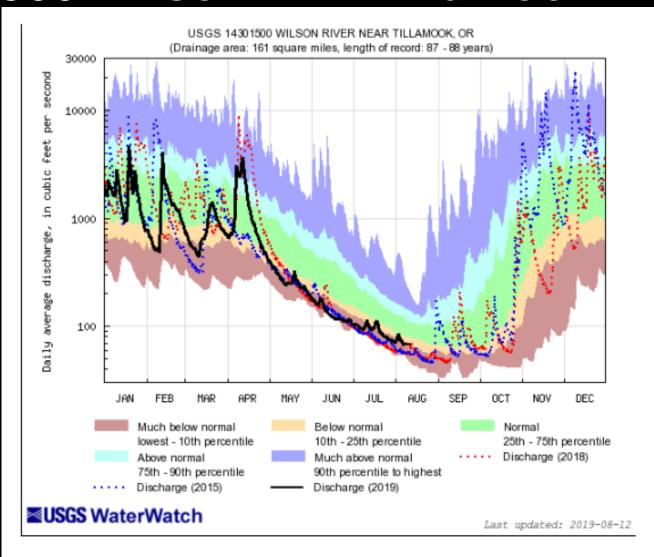
14141500 Little Sandy R nr Bull Run







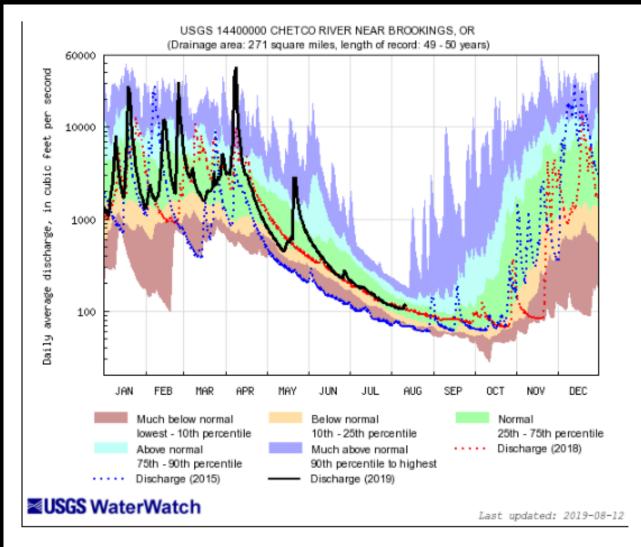
14301500 Wilson R nr Tillamook



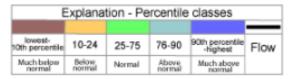


Explanation - Percentile classes						
lowest- 10th percentile			90th percentile -highest	Flow		
Much below Below normal Above normal normal						

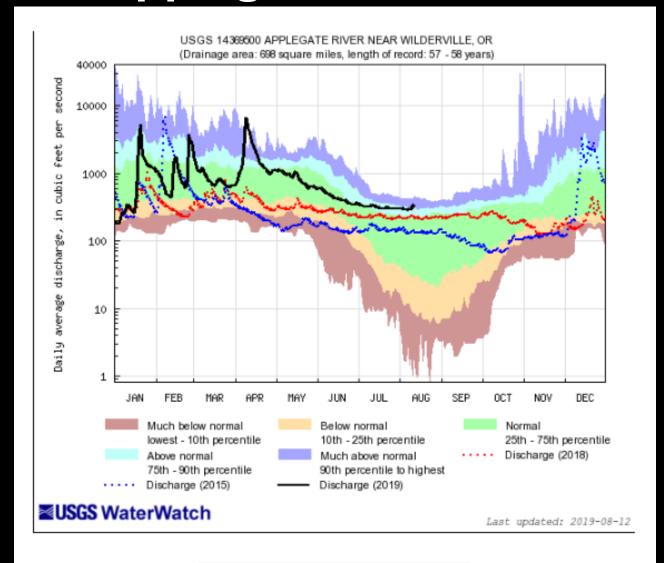
14400000 Chetco R near Brookings







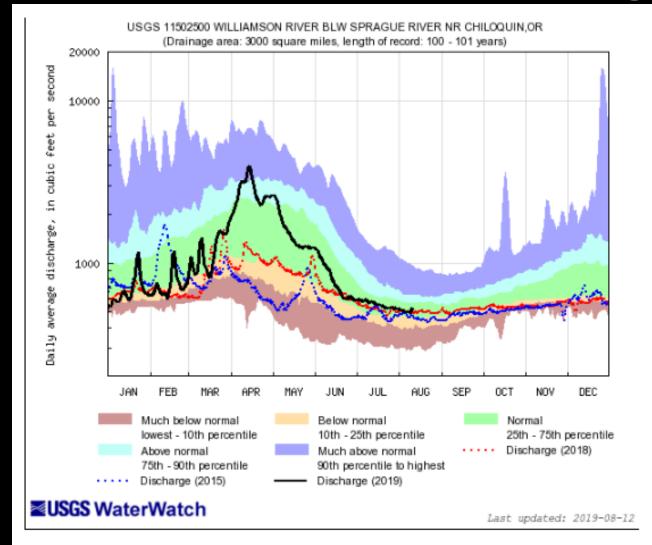
14369500 Applegate River nr Wilderville





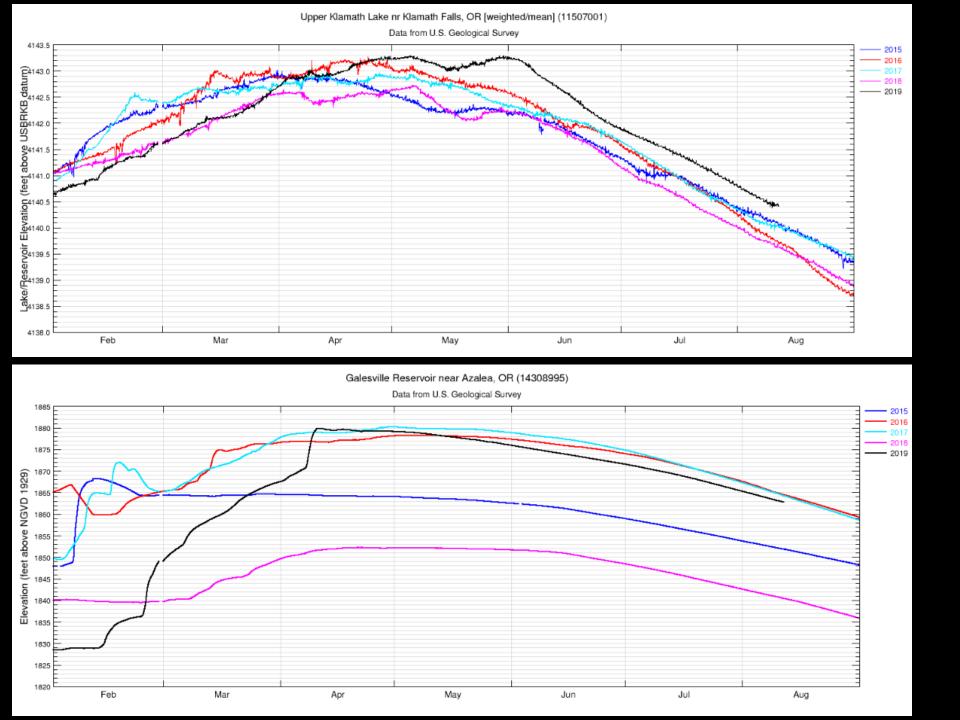
E	xplana	tion - Pe	ercentile	classes		
_						
lowest- 10th percentile	10-24	25-75	76-90	90th percentile -highest	Flow	
Much below normal	Below normal	Normal	Above normal	Much above normal		

11502500 Williamson R blw Sprague R





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		



US GEOLOGICAL SURVEY, OREGON WATER SCIENCE CENTER WATER AVAILABILITY REPORT FOR JULY 2019

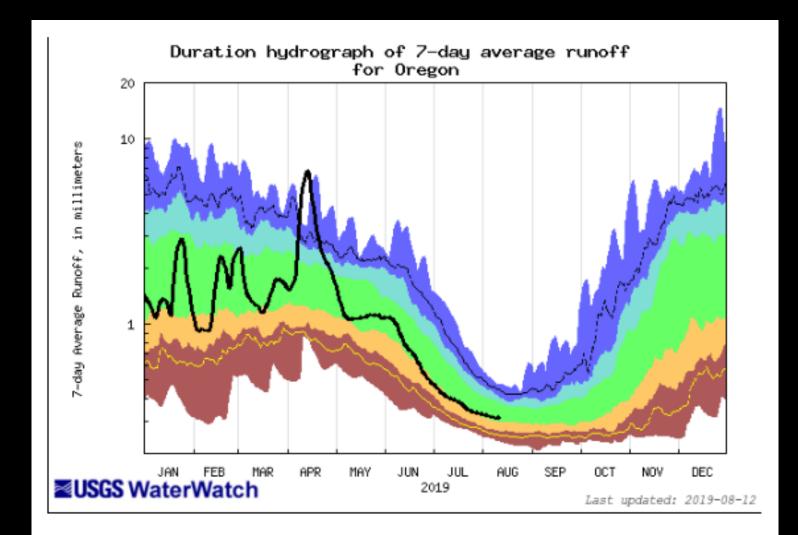
Station	Basin	Monthl disc Cubic feet per second	y mean harge Percent of average	in dis- charge from previous month (percent)	
Donner Und Blitzen nr Frenchglen			110		124
(*)Deep Creek above Adel	Lake County	27	79	-88	137
(*)Chewaucan River near Paisley	Lake County	52	79	-80	119
Williamson River near Chiloquin	Klamath	559	103	-30	90
Owyhee River near Rome	Owyhee	497	169	-81	111
(*)NF Malheur River near Beulah	Malheur	66	99	-66	126
Grande Ronde R at Troy	Grande Ronde Powder/Burnt	1,550	82	-71	121
Umatilla River nr Gibbon	Umatilla Lower John Day	40	68	-67	120
John Day River at Service Crk	Upper John Day	467	78	-80	124
(*)Little Deschutes River nr LaPine	Upper Deschutes	111	65	-34	77
Hood River nr Hood River	Lower Deschutes Mt.Hood	315	64	-31	73
Willamette River at Salem	Willamette	7,057	93	-37	80
Wilson River near Tillamook	North Coast	92	56	-29	67
Umpqua River near Elkton	Rogue/Umpqua	1,175	72	-41	93
Rogue River near Agness	Rogue/Umpqua	2,222	90	-38	101
SF Coquille River at Powers	South Coast	42	69	-44	96
Chetco River near Brookings	South Coast	160	76	-54	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



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		

