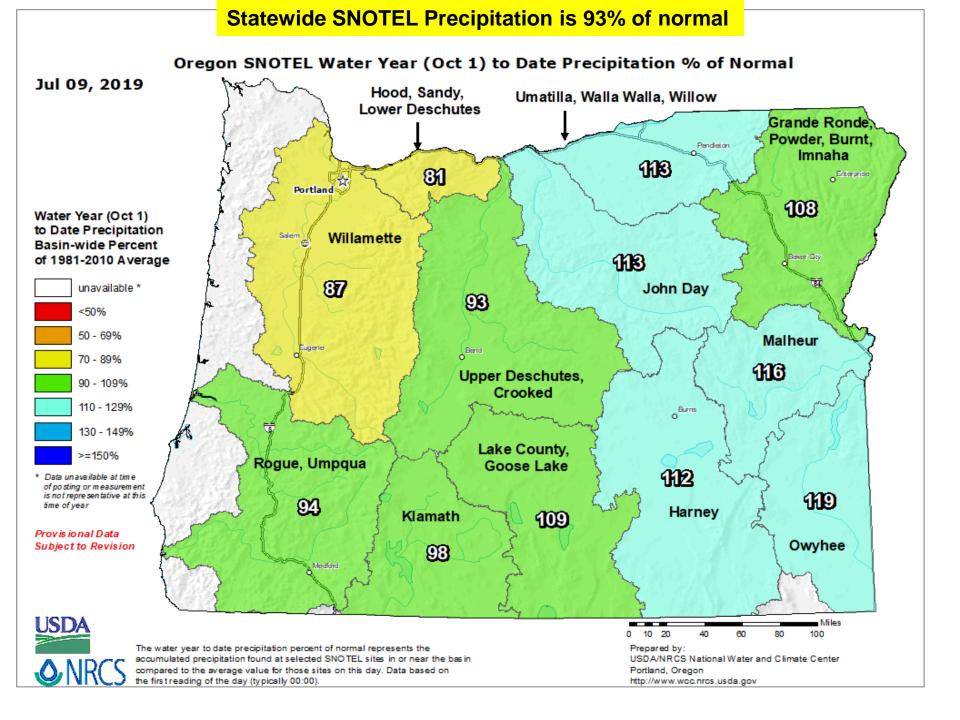
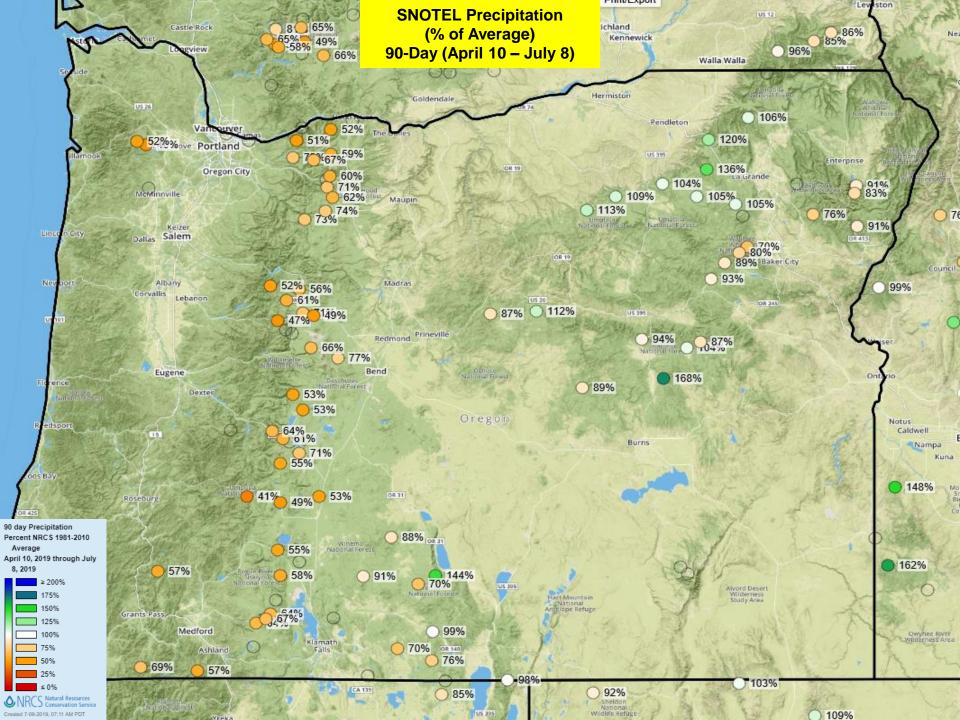
Water Supply Conditions Report Drought Readiness Council

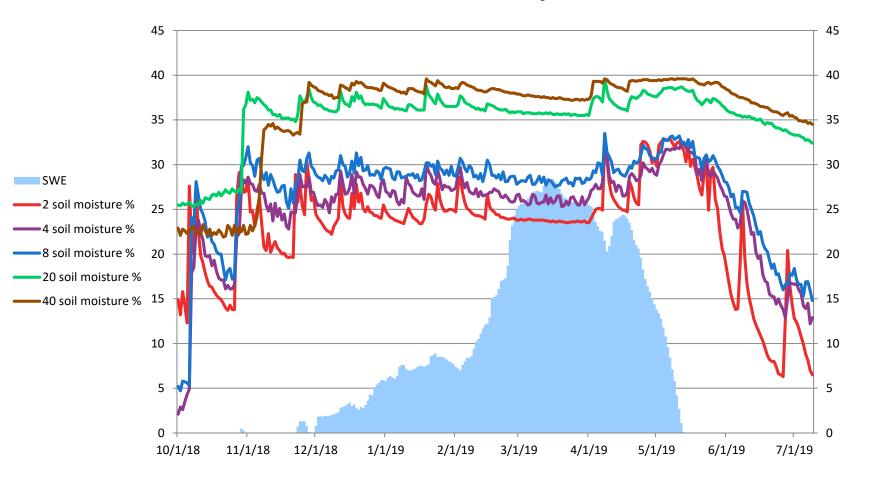


Ken Stahr Oregon Water Resources Department July 11, 2019



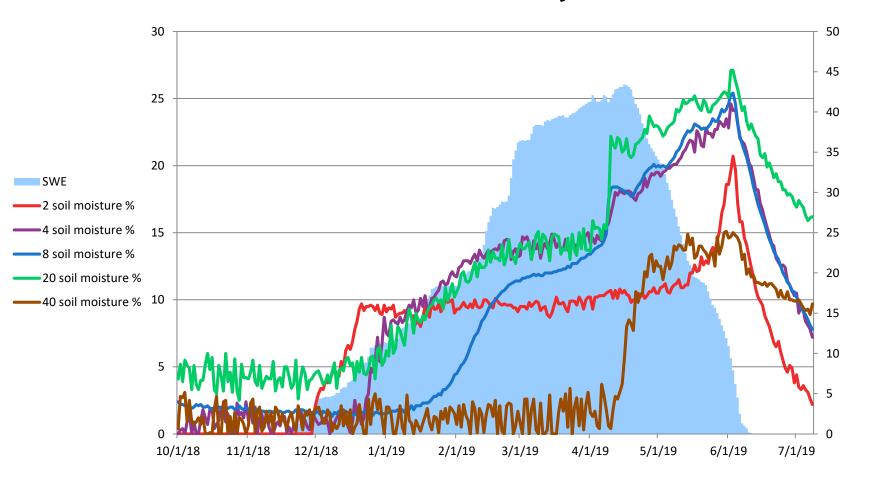


Holland Meadows SNOTEL Soil Moisture WY2019 Elevation = 4930' Lane County



Provisional data – Subject to future edits

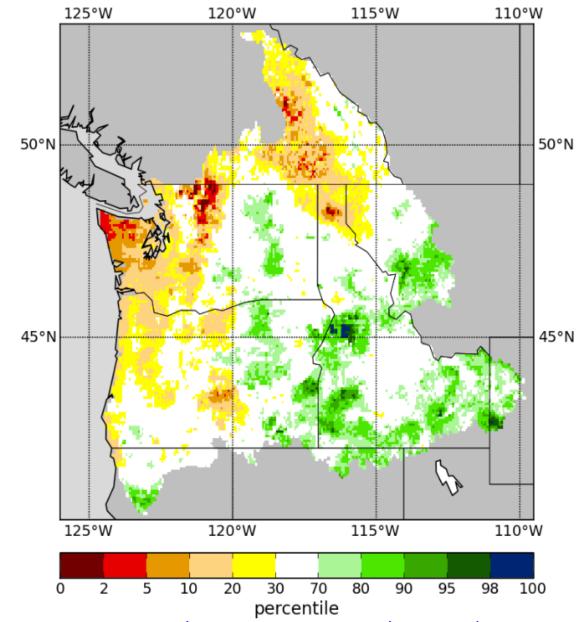
Annie Springs SNOTEL Soil Moisture WY2019 Elevation = 6010' Klamath County



Provisional data – Subject to future edits

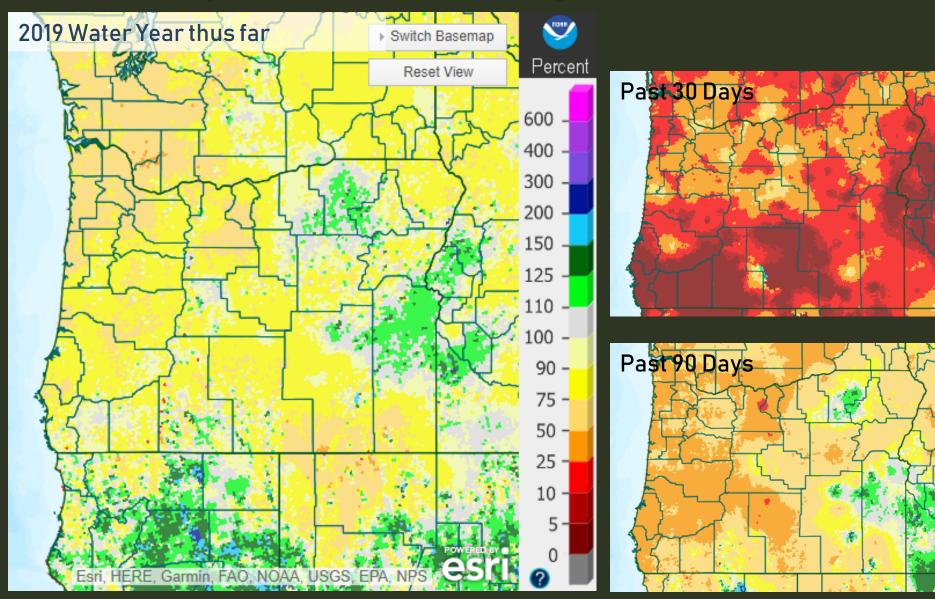
Total Moisture Percentile

2019--07--08



Website: http://www.hydro.ucla.edu/SurfaceWaterGroup/forecast/monitor_pnw/index.shtml

Precipitation % of Average



Precipitation Data as of July 8, 2019

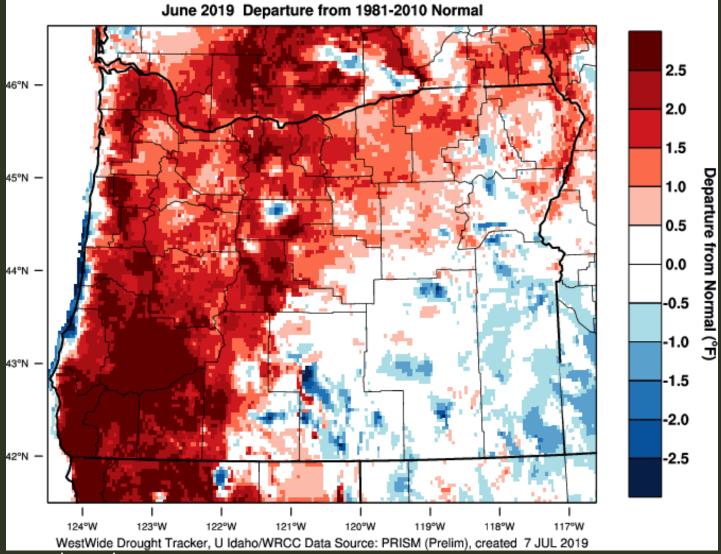
NOAA

Source: water.weather.gov/precip/index.php?location_type=wfo&location_name=pqr



Recent Temperatures

June 2019 Oregon - Mean Temperature



https://wrcc.dri.edu/wwdt/current.php?folder=mdn1

Drought Monitor

U.S. Drought Monitor

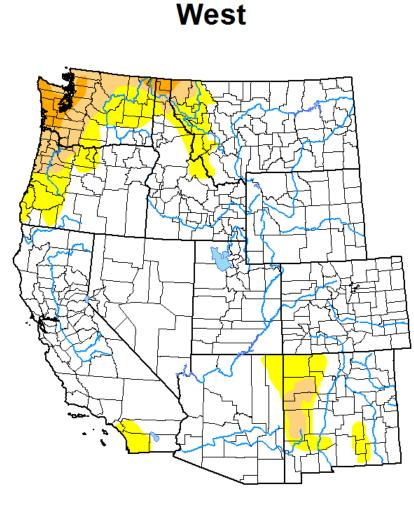
U.S. Drought Monitor

West

June 4, 2019 (Released Thursday, Jun. 6, 2019) Valid 8 a.m. EDT



NOAR



July 9, 2019 (Released Thursday, Jul. 11, 2019) Valid 8 a.m. EDT

Drought Conditions (Percent Area)						
	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	85.38	14.62	5.68	1.26	0.00	0.00
Last Week 07-02-2019	86.89	13.11	5.53	1.24	0.00	0.00
3 Month s Ago 04-09-2019	74.42	25.58	6.22	1.65	0.00	0.00
Start of Calendar Year 01-01-2019	28.03	71.97	53.25	27.22	8.35	2.88
Start of Water Year 09-25-2018	13.91	86.09	59.57	39.68	18.15	4.36
One Year Ago 07-10-2018	28.98	71.02	50.28	32.09	19.90	4.81

Intensity:



The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author:

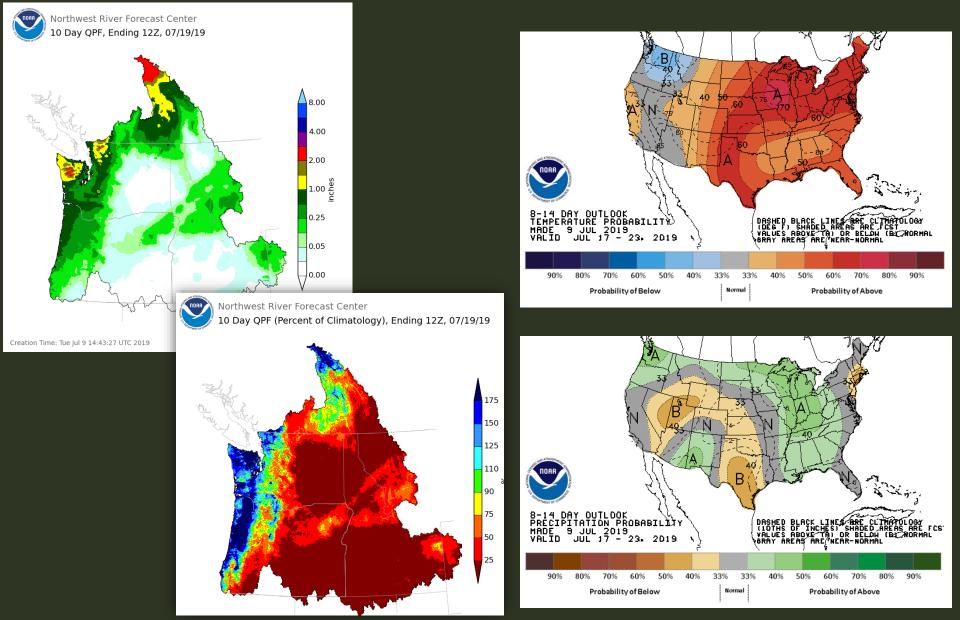
Richard Tinker CPC/NOAA/NWS/NCEP



droughtmonitor.unl.edu

4





https://www.nwrfc.noaa.gov/water_supply/wy_summary/wy_summary.php?tab=3

https://www.cpc.ncep.noaa.gov/products/predictions/814day/

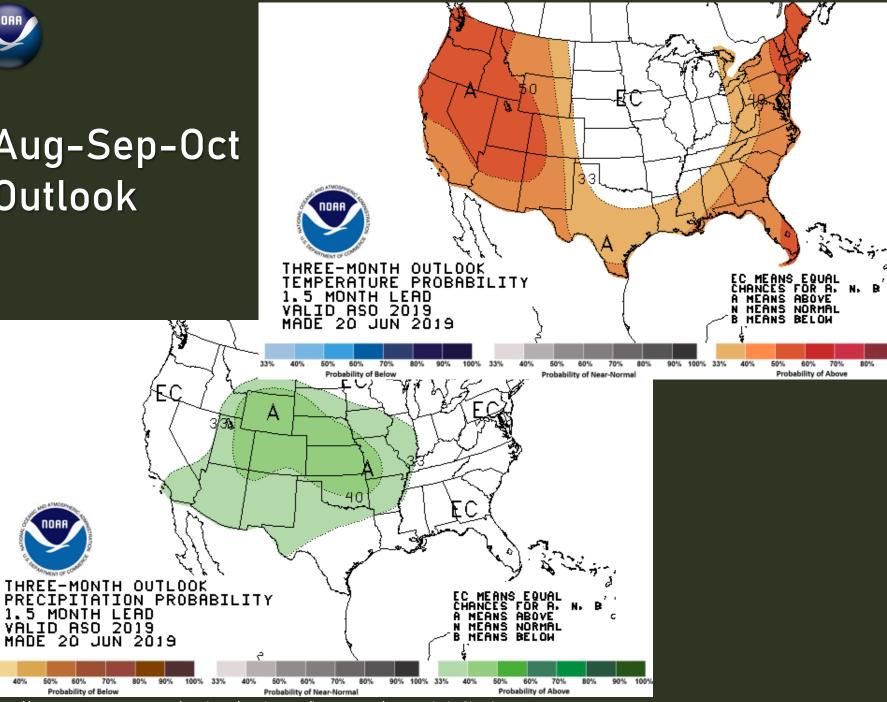


50%

33%

40%

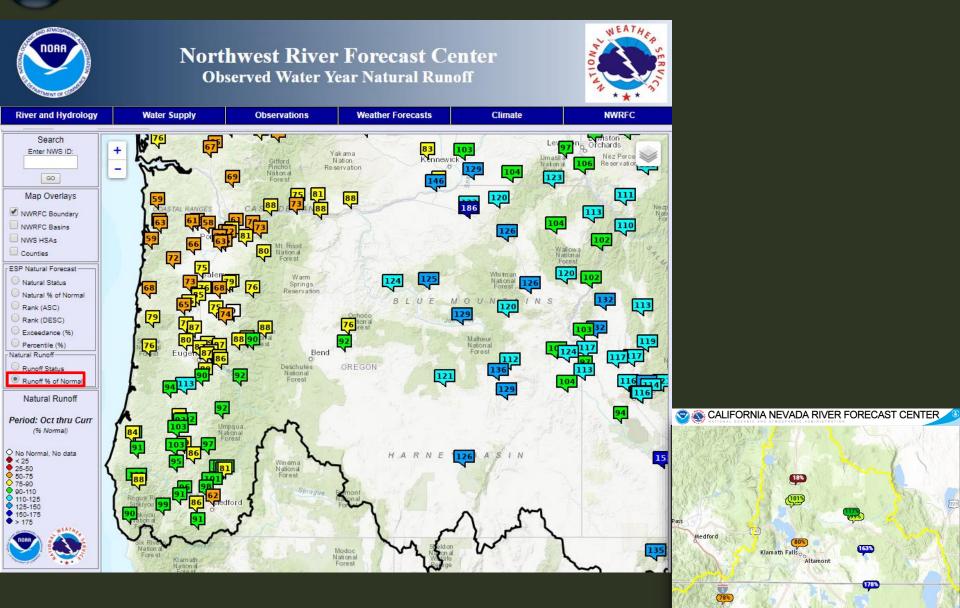
Aug-Sep-Oct Outlook



90%

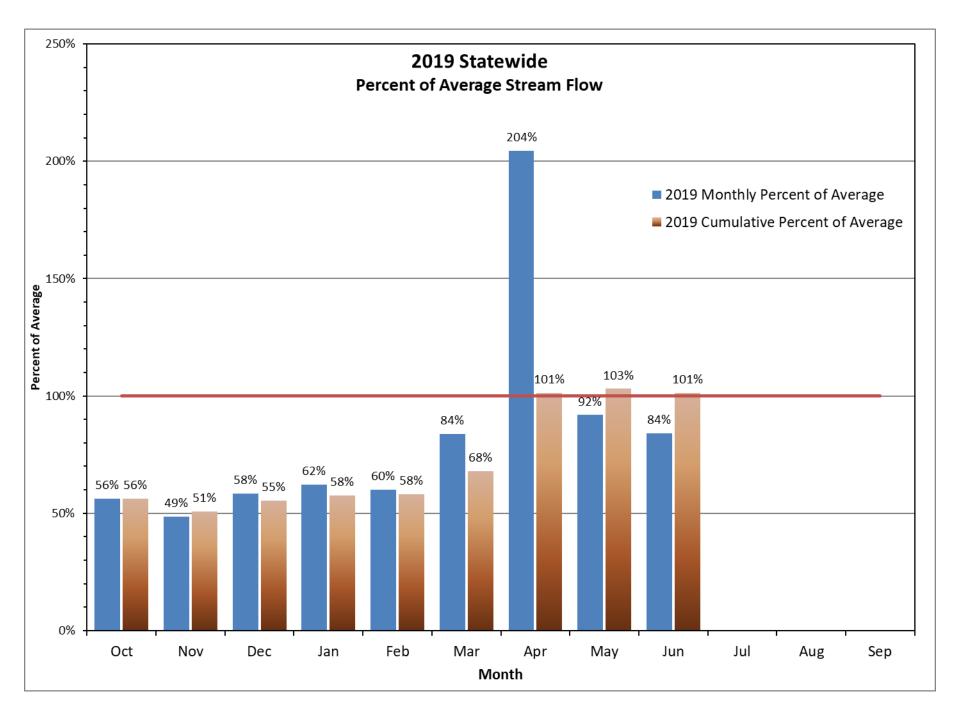
https://www.cpc.ncep.noaa.gov/products/predictions/long range/seasonal.php?lead=2





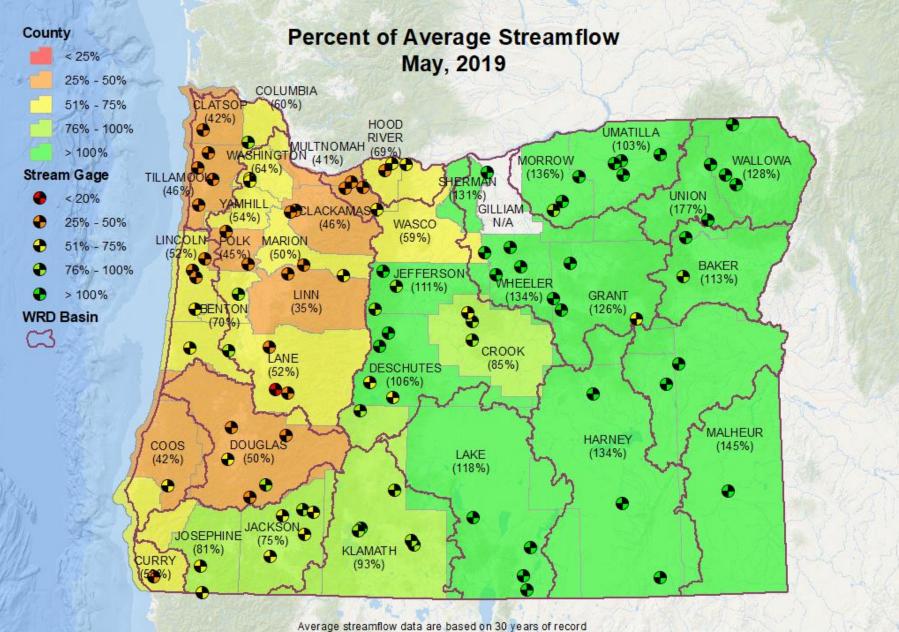
https://www.nwrfc.noaa.gov/natural/index.html?version=20181015v2 https://www.cnrfc.noaa.gov/ol.php?product=espWS

NOAR

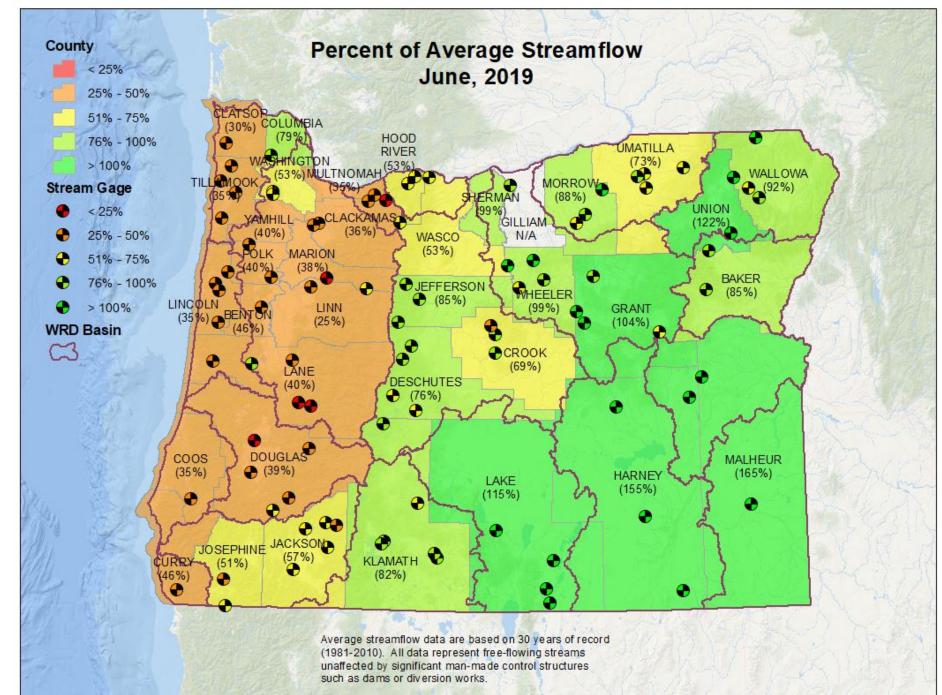


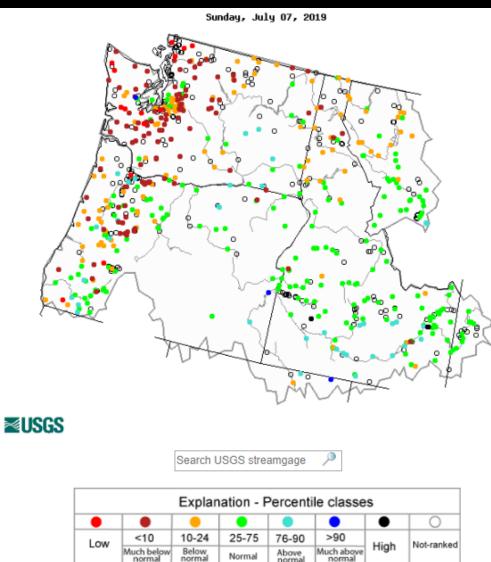


Basin	Water Year % of average thru June	% of average for June	% of average for 07/07/2019	# of data points
West Side	78%	42%	58%	44
East Side	116%	111%	91%	50
State	101%	84%	78%	94



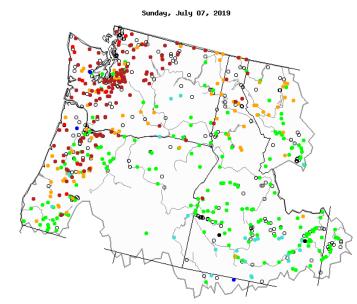
(1981-2010). All data represent free-flowing streams unaffected by significant man-made control structures such as dams or diversion works.





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

(Below) Map of 28-day average streamflow compared to historical streamflow for the day of the year (Pacific Northwest)



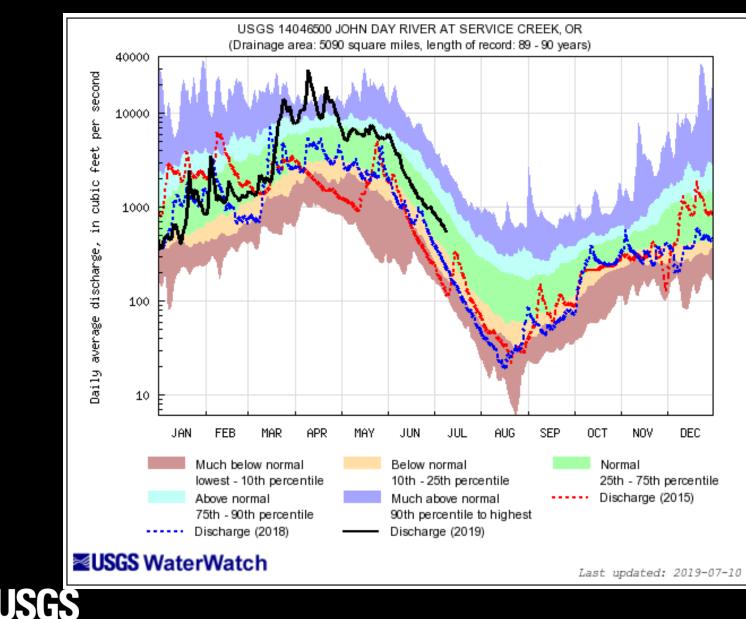
≊USGS

Search USGS streamgage

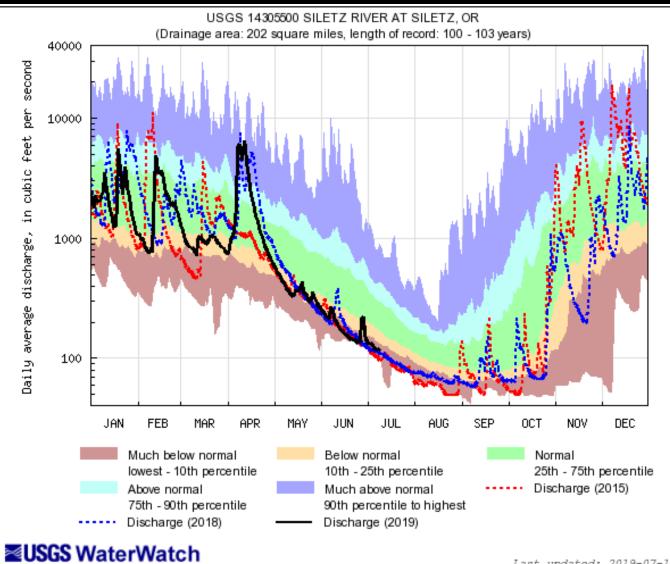
Explanation - Percentile classes							
•		•				•	0
Low	<10	10-24	25-75	76-90	>90	Llink	Not-ranked
Mu	Much below normal	Below normal	Normal	Above normal	Much above normal	High	



14046500 John Day R at Service Cr, OR



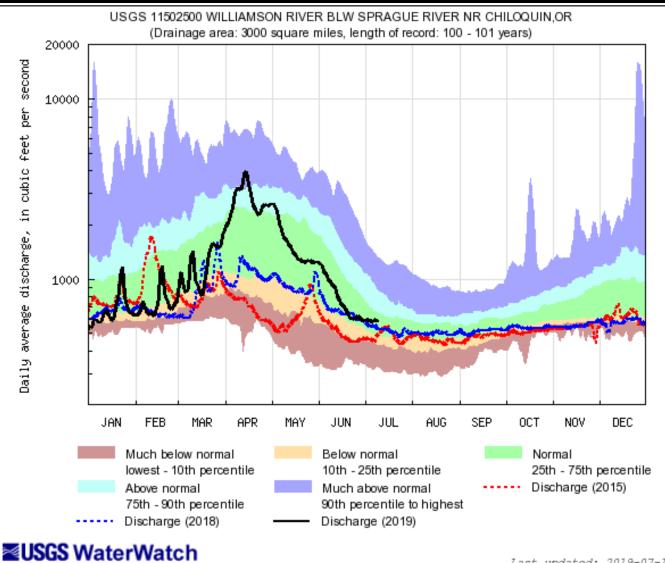
14305500 Siletz R at Siletz, OR





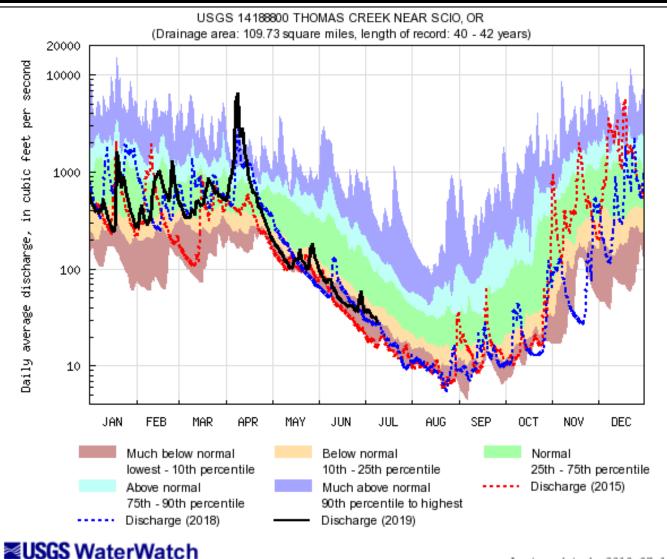
Last updated: 2019-07-10

11502500 Williamson R bl Sprague R



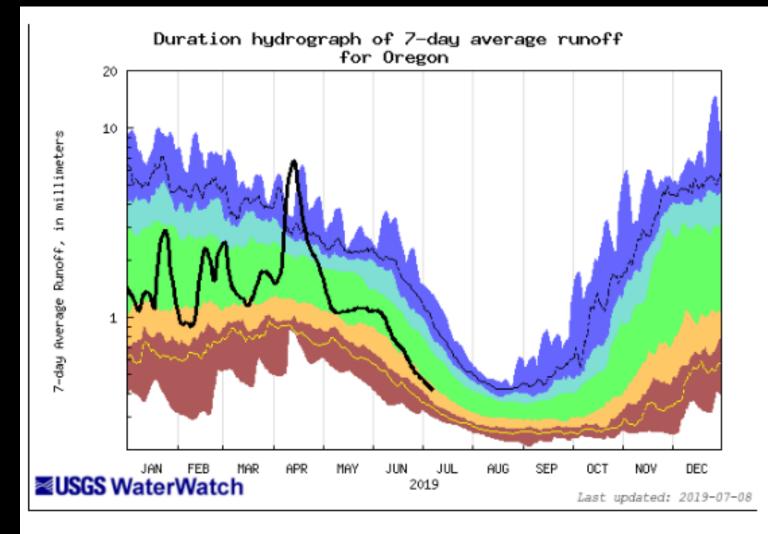


14188800 Thomas Cr nr Scio, OR





Last updated: 2019-07-10



	E	xplana	tion - Pe	ercentile	classe	s		
							_	
iowest- 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			



USBR Reservoirs

- Tualatin Scoggins is 84% full
- Umatilla McKay is 85% full
- Eastern Ranges from 94% (Owyhee) to 66% (Phillips)
- Upper Deschutes 85% (Crane Prairie) to 37% (Wickiup)
- Crooked 91% (Prineville) to 75% (Ochoco)
- Rogue 74% (Emigrant) to 36% (Fourmile)

USACE Reservoirs

- Rogue 75% full, 25% below WCD
- Willamette 66% full, 34% below WCD
- Lower Columbia 89% full, 11% below WCD

WCD: Water Control Diagram





Thank you.