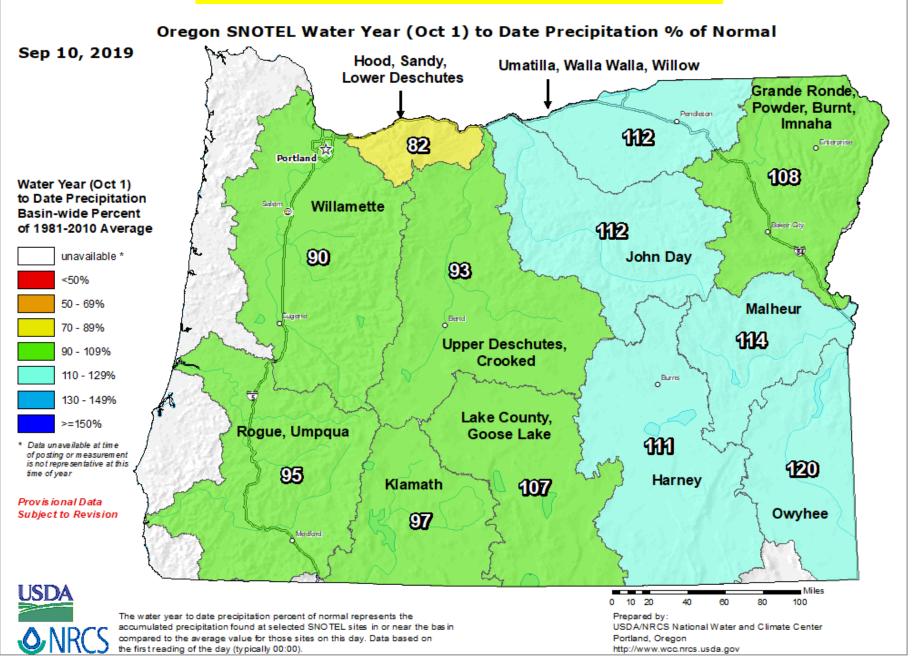
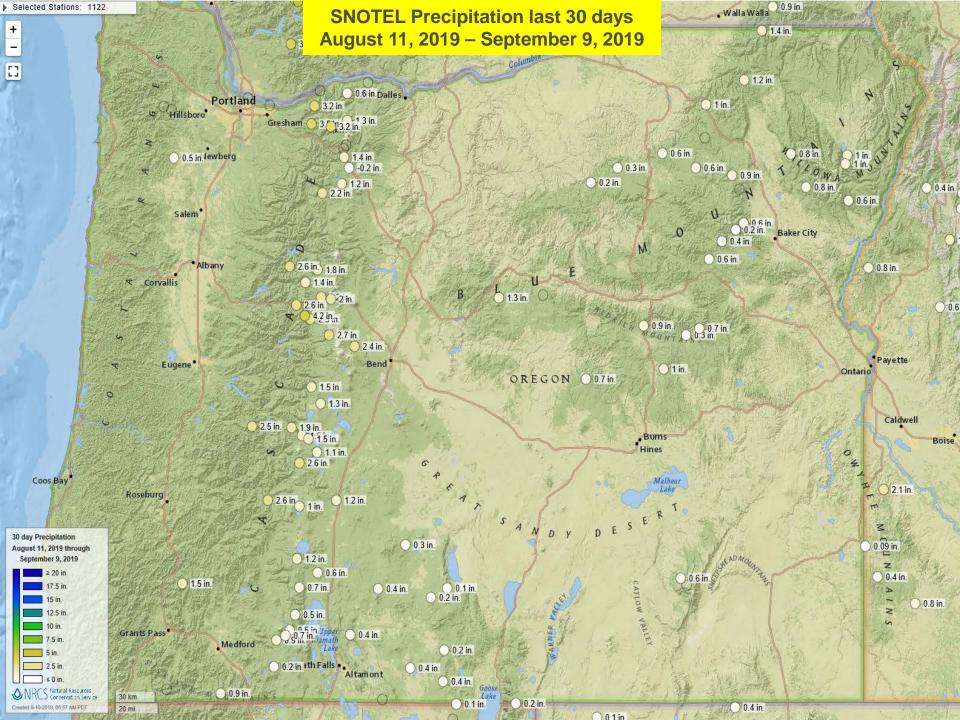
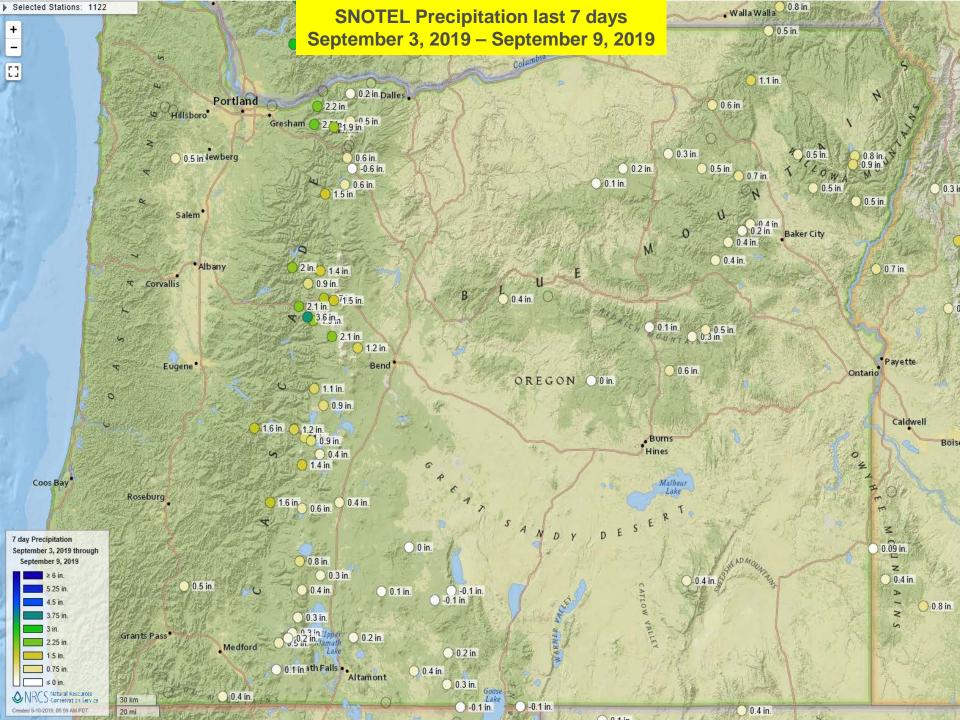
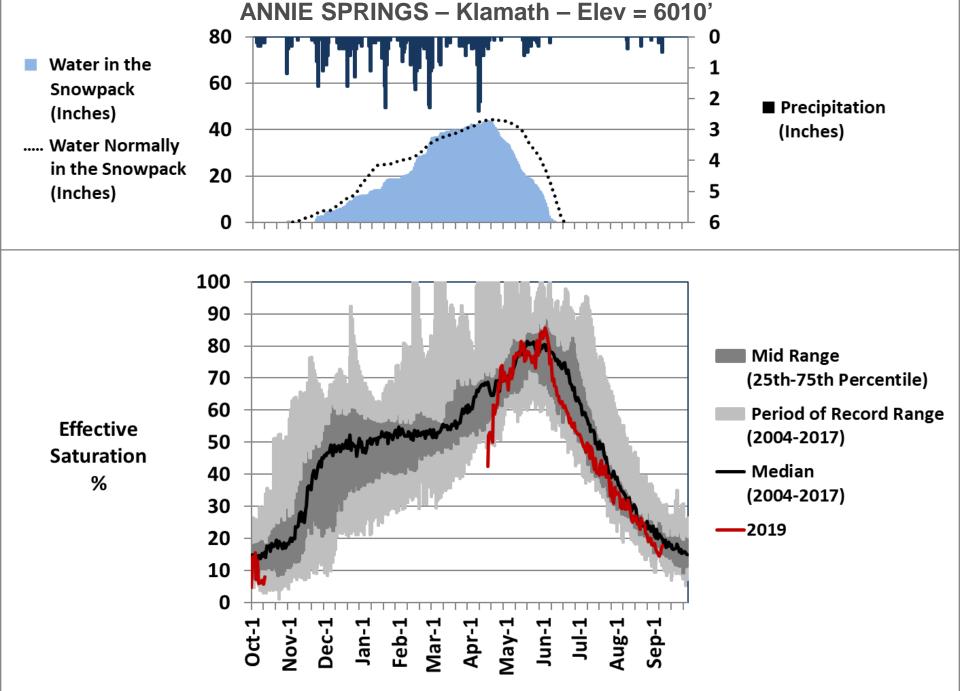


Statewide SNOTEL Precipitation is 95% of normal

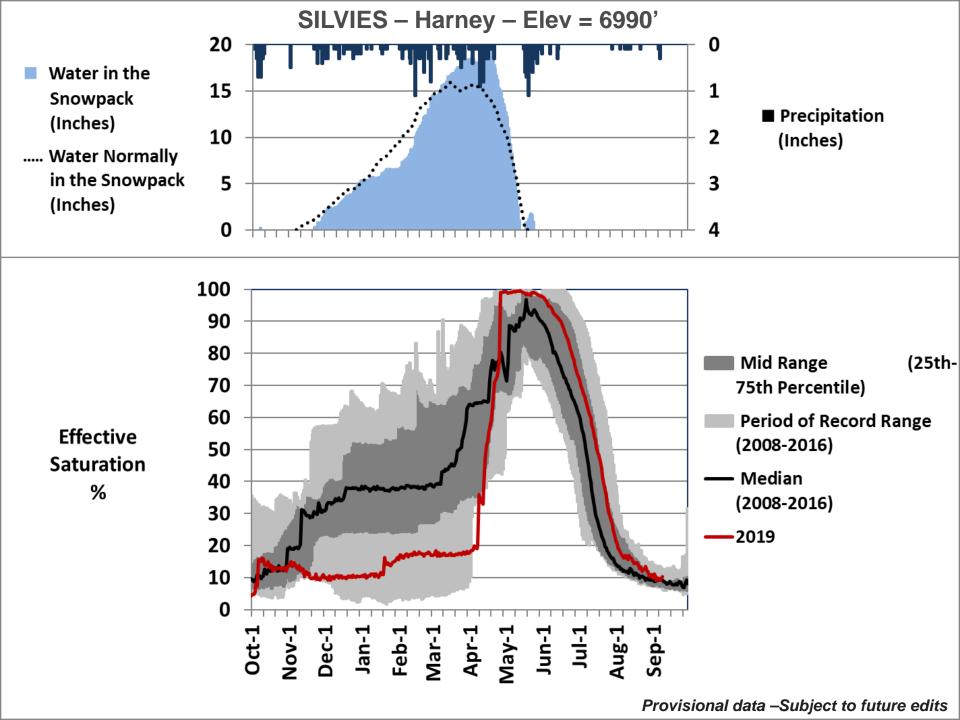


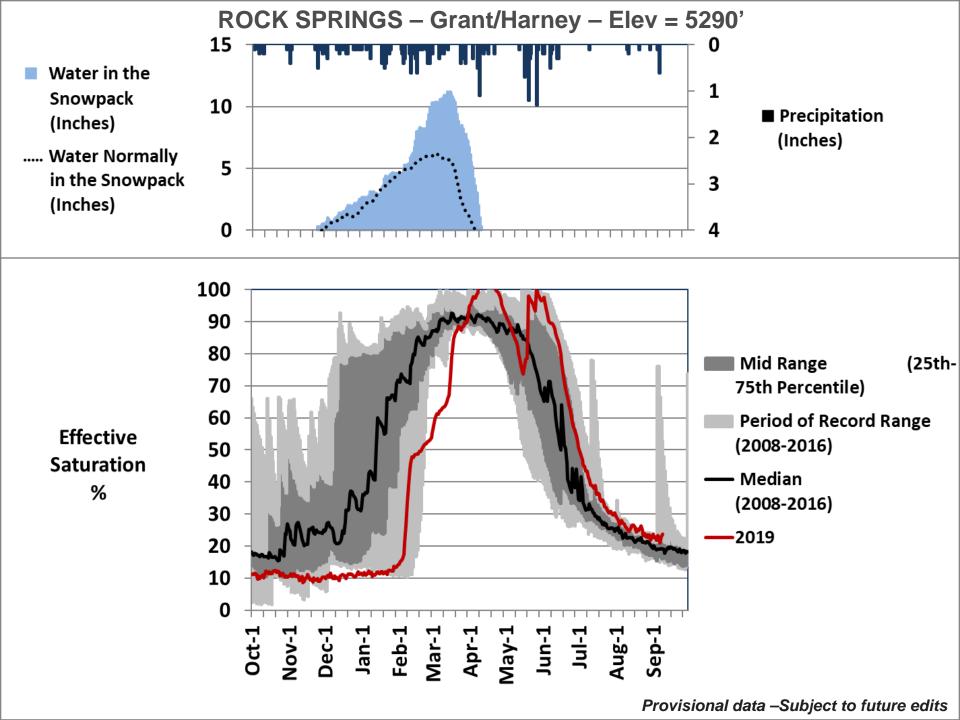


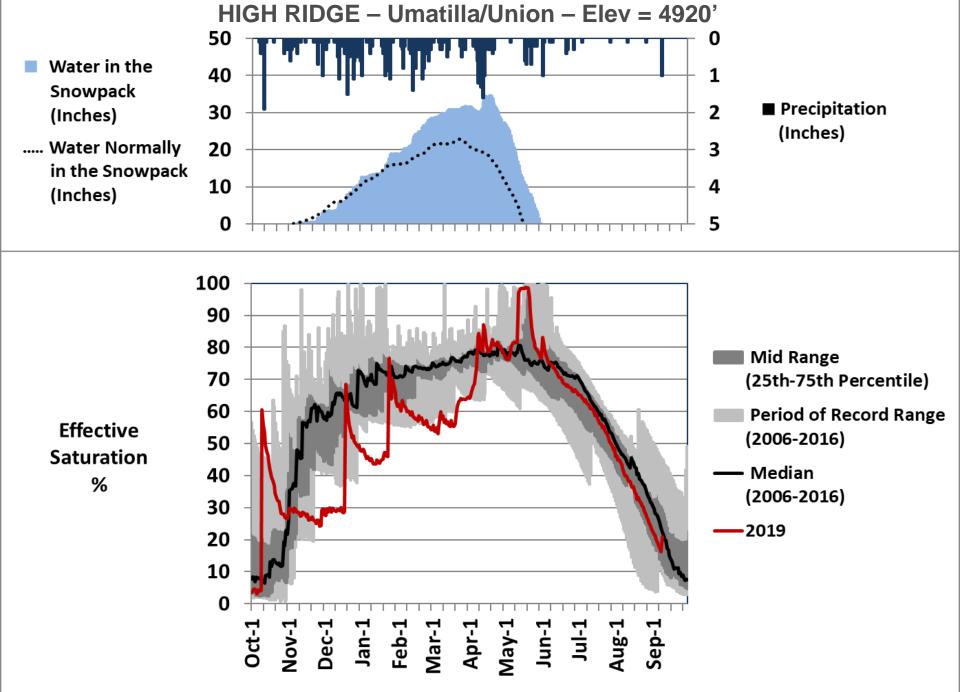




Provisional data –Subject to future edits







Provisional data –Subject to future edits

Thank you

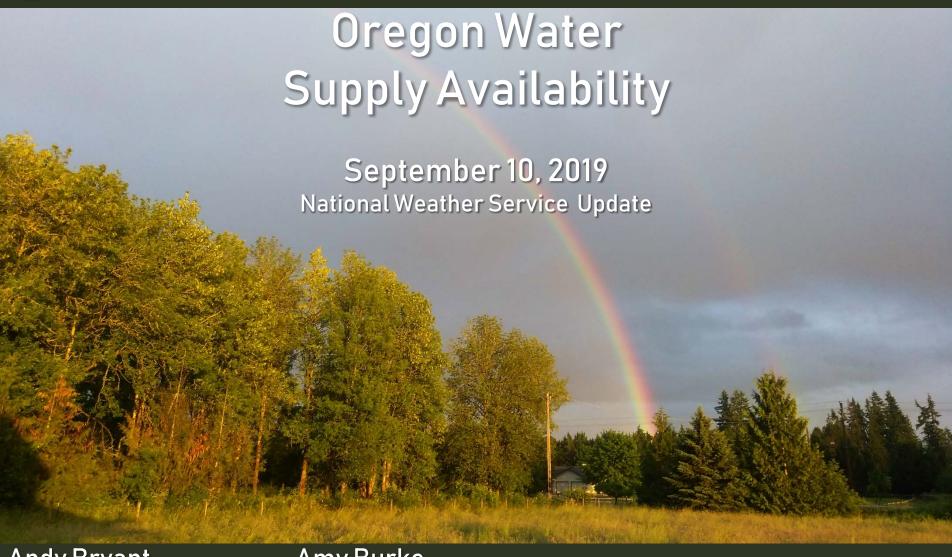
In accordance with Federal civil rights law and U.S. Department of Agriculture (USDA) civil rights regulations and policies, the USDA, its Agencies, offices, and employees, and institutions participating in or administering USDA programs are prohibited from discriminating based on race, color, national 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.

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.



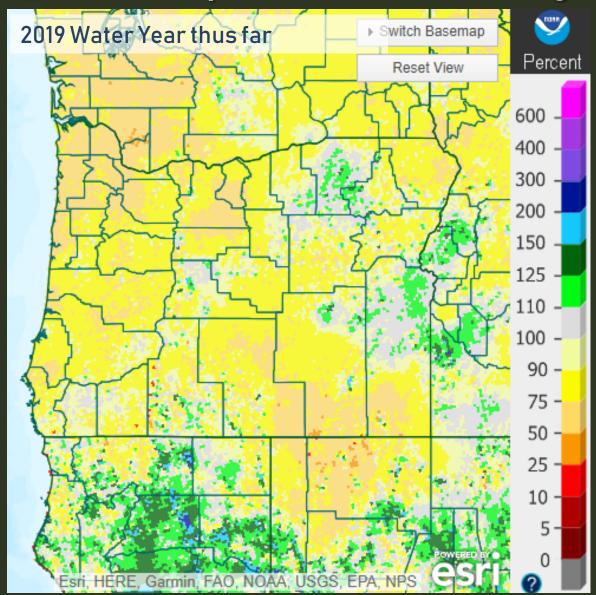




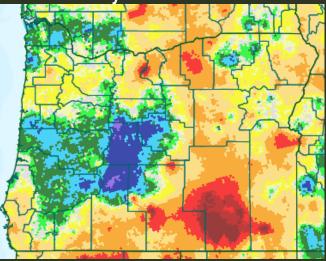
Andy Bryant NOAA/NWS Portland Weather Forecast Office Amy Burke NOAA/NWS/Northwest River Forecast Center



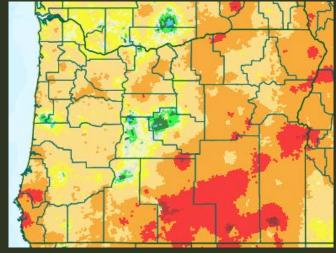
Precipitation % of Average



Past 30 Days



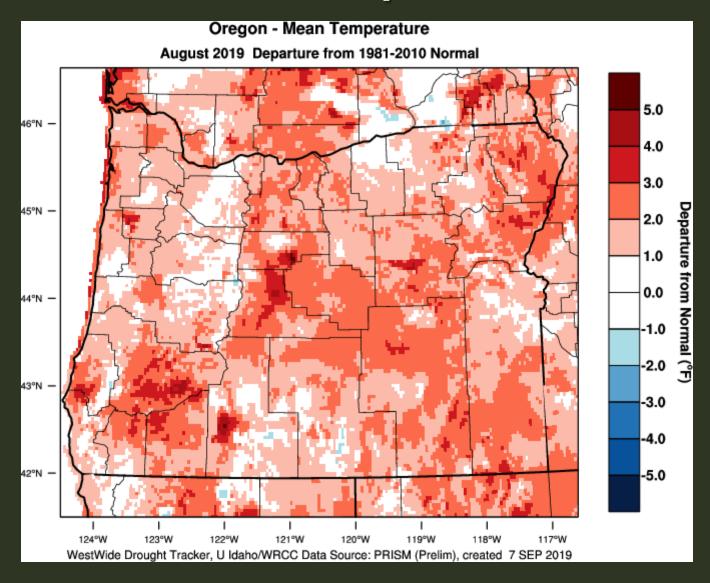
Past 90 Days



Precipitation Data as of Sep 10, 2019

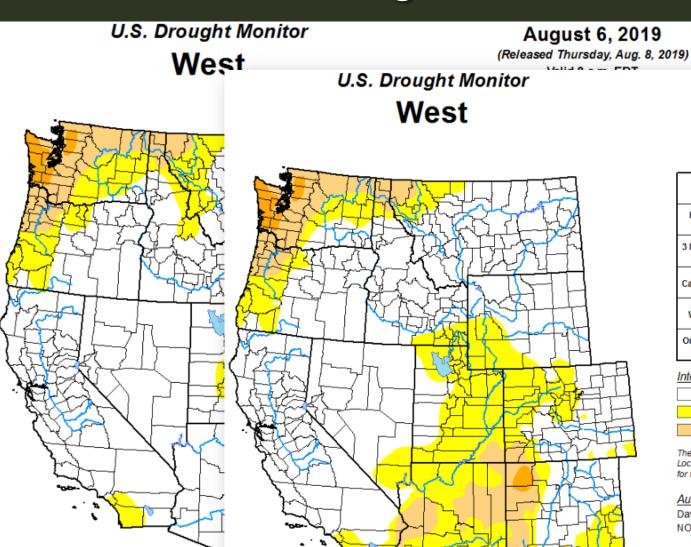


Recent Temperatures





Drought Monitor



September 3, 2019

(Released Thursday, Sep. 5, 2019) Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	62.58	37.42	11.22	1.07	0.00	0.00
Last Week 08-27-2019	71.53	28.47	10.10	1.07	0.00	0.00
3 Month's Ago 06-04-2019	87.05	12.95	5.45	0.63	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 09-04-2018	16.03	83.97	58.74	37.58	16.82	3.69

Intensity:

None D2 Severe Drought
D0 Abnormally Dry D3 Extreme Drought
D1 Moderate Drought D4 Exceptional Drought

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

Author:

David Miskus NOAA/NWS/NCEP/CPC





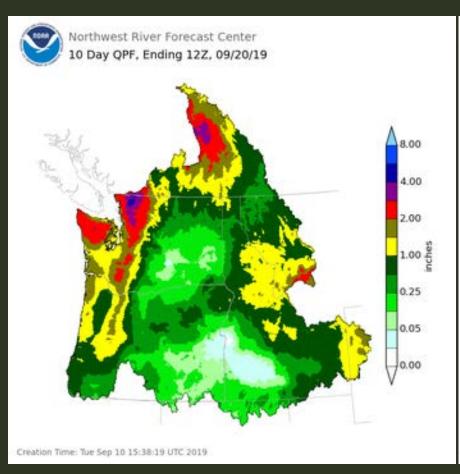


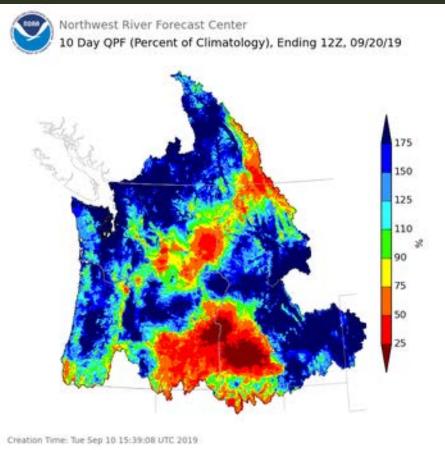


droughtmonitor.unl.edu



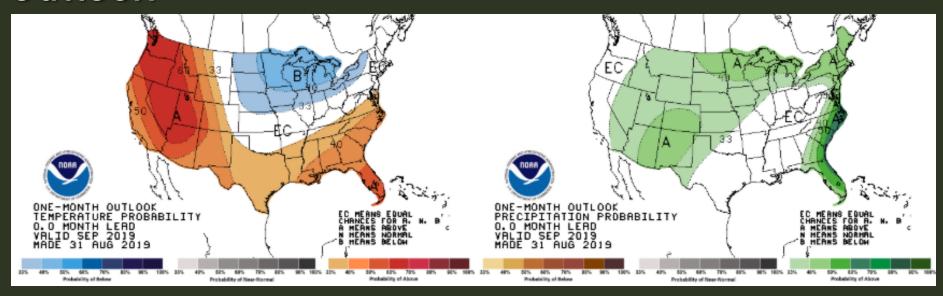
Mid September Outlook





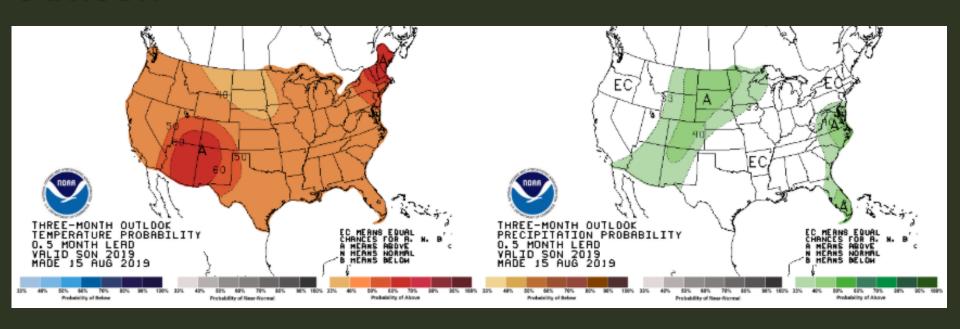


September Outlook



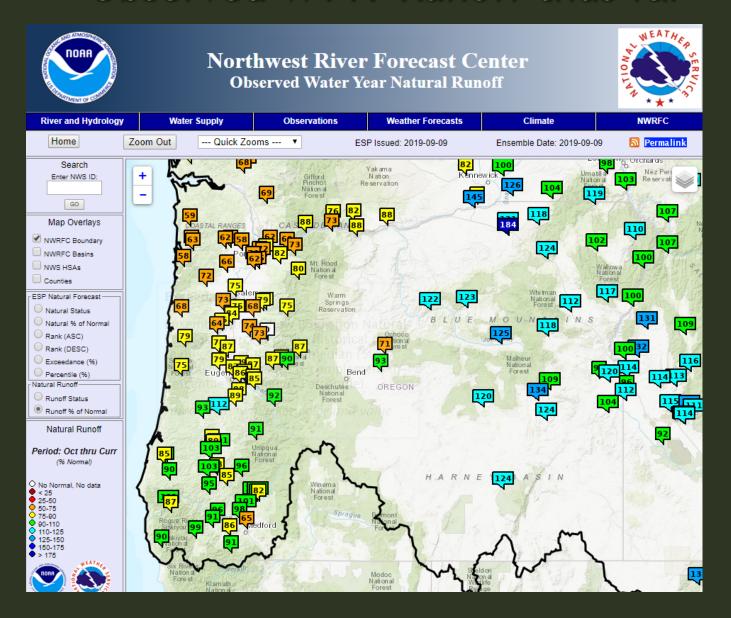


Sep-Oct-Nov Outlook

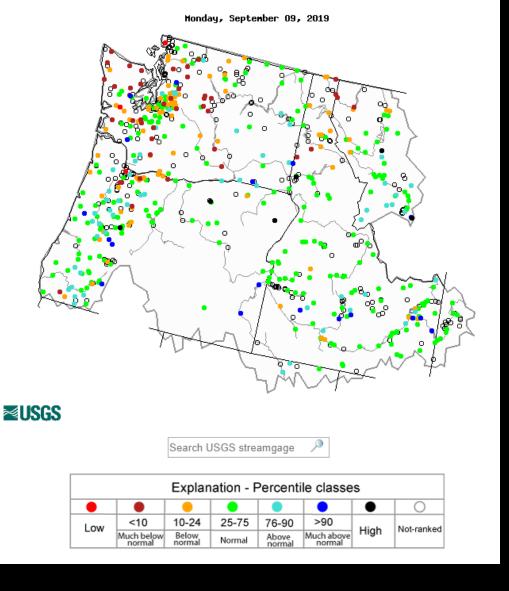




Observed WY19 Runoff thus far

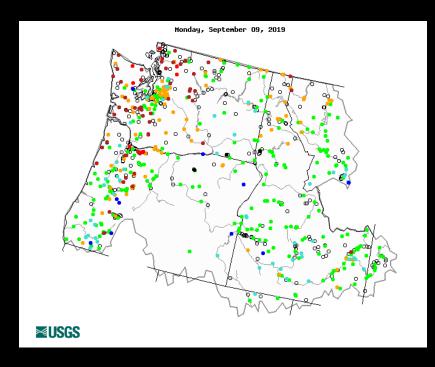






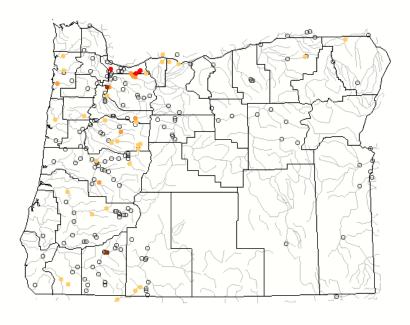
(Left) Map Current 7-day average streamflow compared to historical streamflow for the day of the year (Pacific Northwest)

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





Monday, September 09, 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									
•		•	•	0					
New low	<=5	6-9	10-24	Not ranked					
Extreme hydrologic drought	Severe hydrologic drought	Moderate hydrologic drought	Below normal	Not ranked					

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





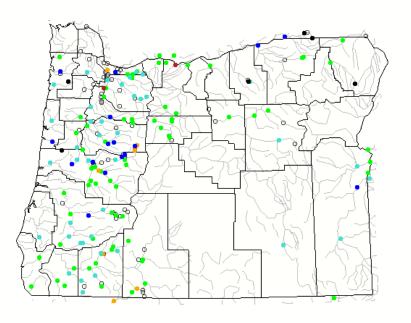
Search USGS streamgage

Choose a data retrieval option and select a location on the map ○ List of all stations ● Single station ○ Nearest stations

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









Search USGS streamgage

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

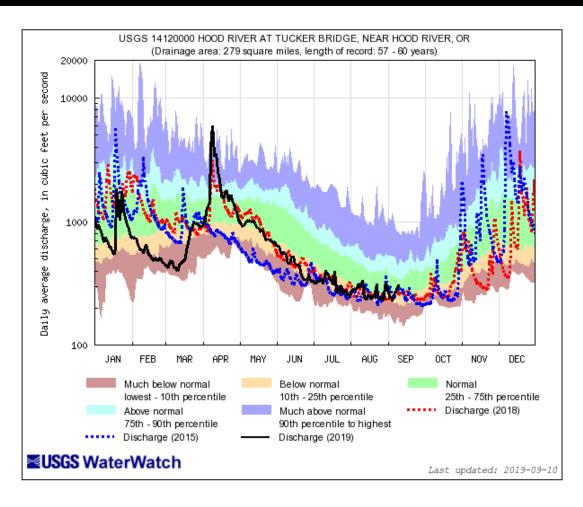
List of all stations
Single station
Nearest stations

Explanation - Percentile classes							
•		•	•		•	•	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	Notranked

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



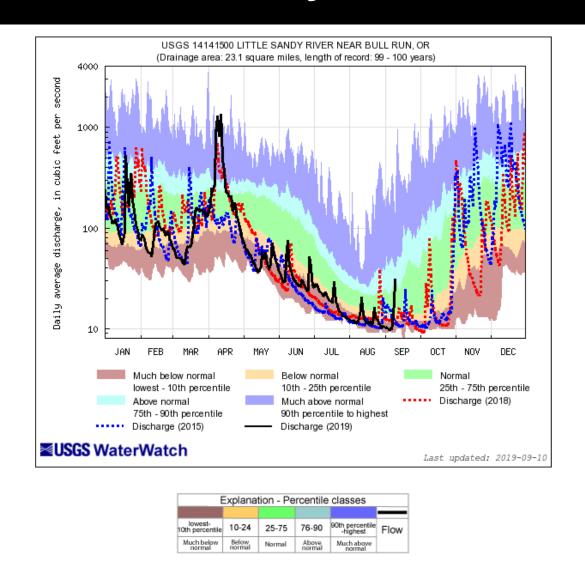
14120000 Hood R at Tucker Bridge



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	

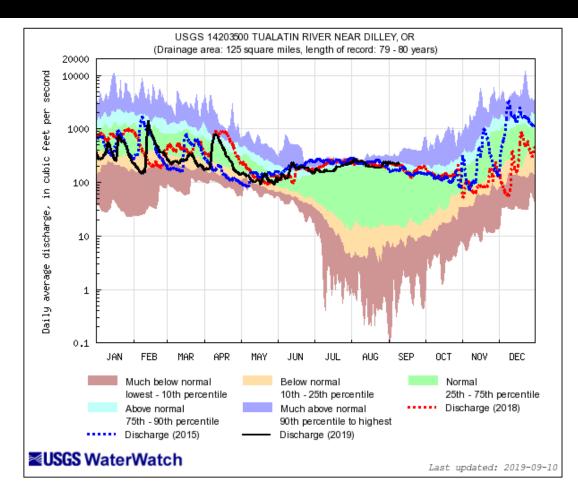


14141500 Little Sandy R nr Bull Run





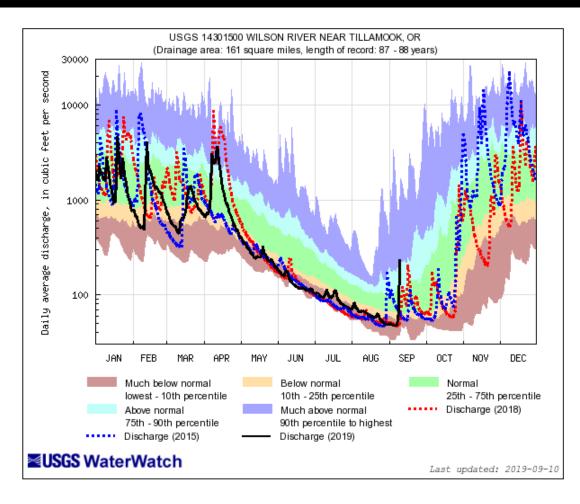
14203500 Tualatin R nr Dilley



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	



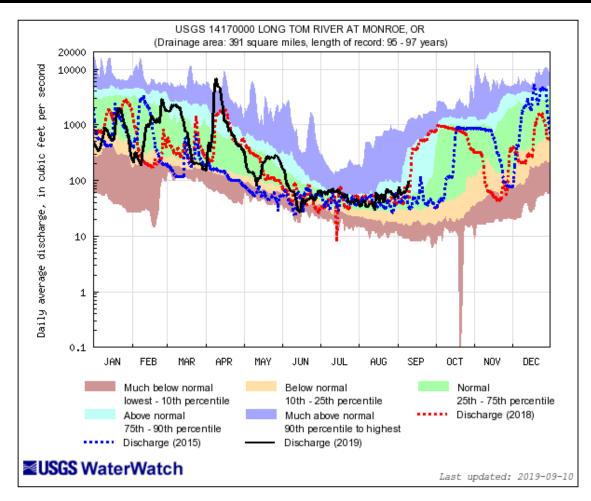
14301500 Wilson R nr Tillamook



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	

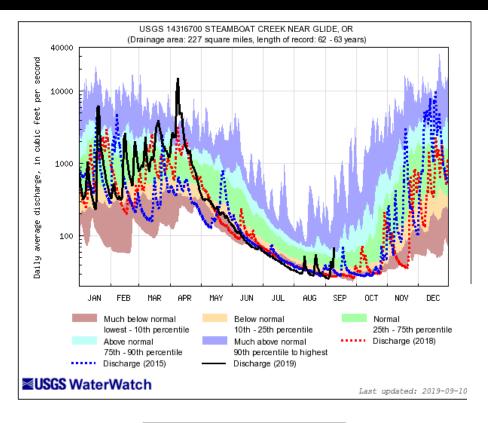


14170000 Long Tom R at Monroe



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			



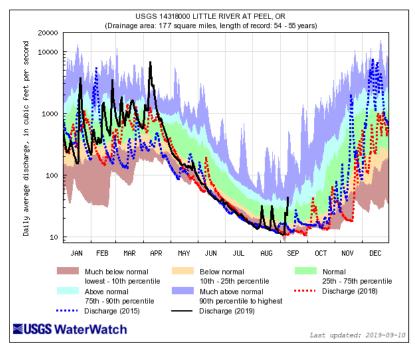


E	Explana	tion - Pe	ercentile	classes	
lowest- 10th percentile	10-24	25-75	76-90	90th percentile -highest	Flow
Much below normal	Below normal	Normal	Above normal	Much above normal	

14318000 Little R at Peel



14316700 Steamboat Ck nr Glide



E	Explana	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	

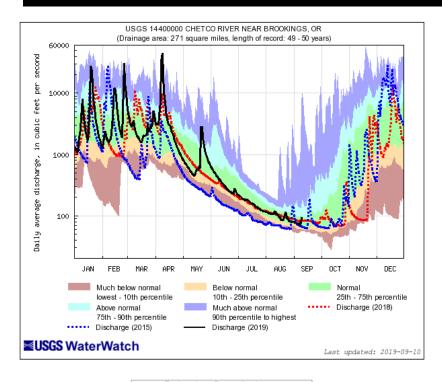
USGS 14377100 ILLINOIS RIVER NEAR KERBY, OR (Drainage area: 380 square miles, length of record: 56 - 58 years) 70000 10000 cubic discharge, Daily average 100 10 JAN JUN JUL DEC Much below normal Below normal Normal 10th - 25th percentile lowest - 10th percentile 25th - 75th percentile Above normal Discharge (2018) Much above normal 75th - 90th percentile 90th percentile to highest Discharge (2015) Discharge (2019) **■USGS** WaterWatch Last updated: 2019-09-1

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 R nr Brookings

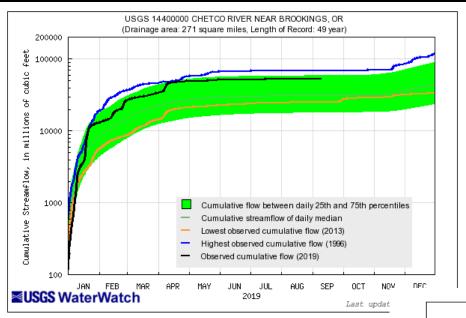


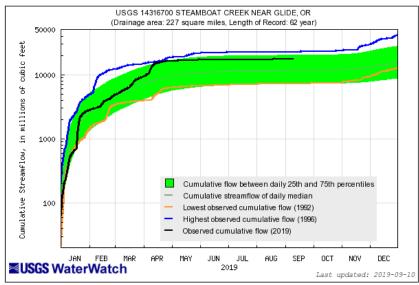
14377100 Illinois R nr Kirby



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	

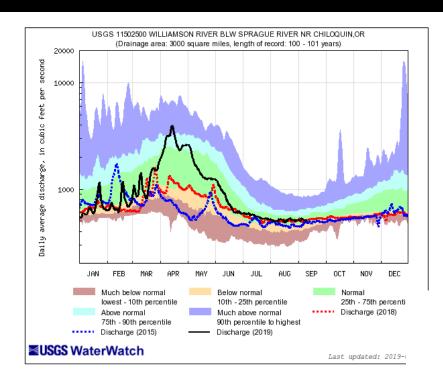
Cumulative Streamflow for 2019 CY



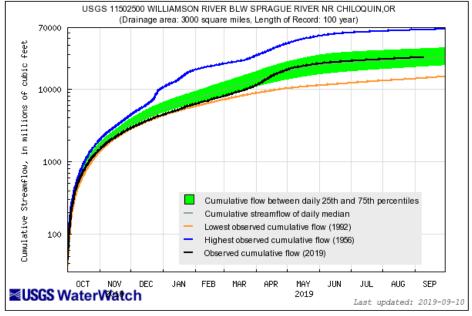




11502500 Williamson R blw Sprague R

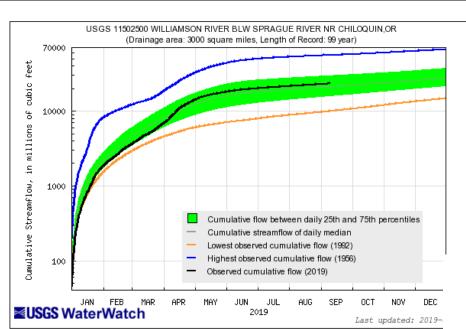


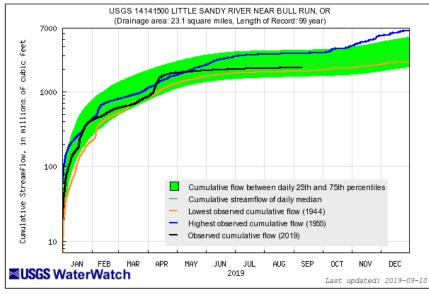
E	xplana	tion - Pe	ercentile	classes	
lowest-	40.04		70.00	90th percentile	
10th percentile	10-24	25-75	76-90	90th percentile -highest	Flow
Much below normal	Below normal	Normal	Above normal	Much above normal	





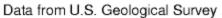
Cumulative Streamflow for 2019 CY

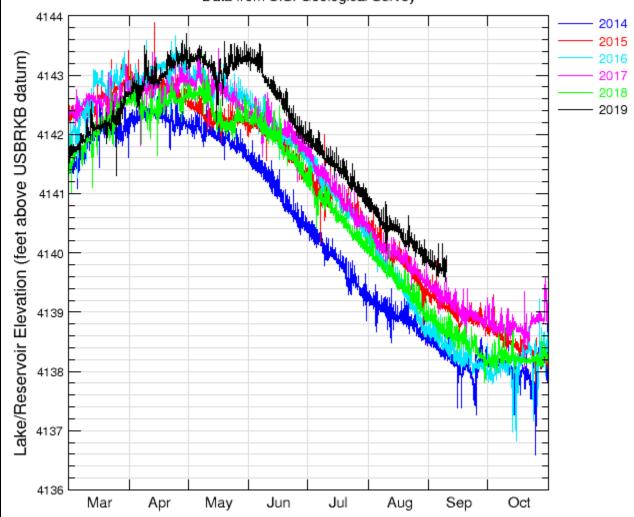




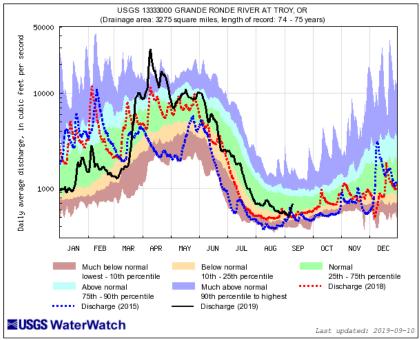


Upper Klamath Lake near Klamath Falls, OR (11507000)



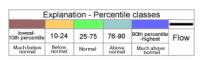


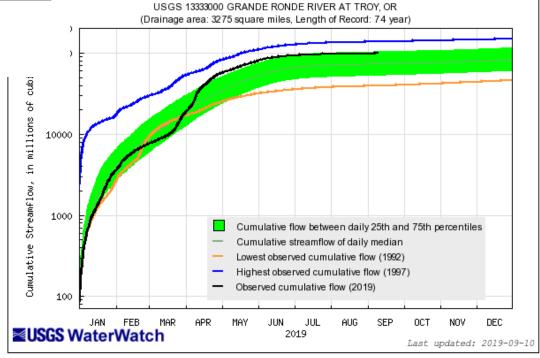




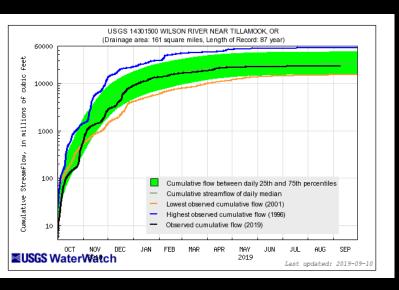
Grande Ronde





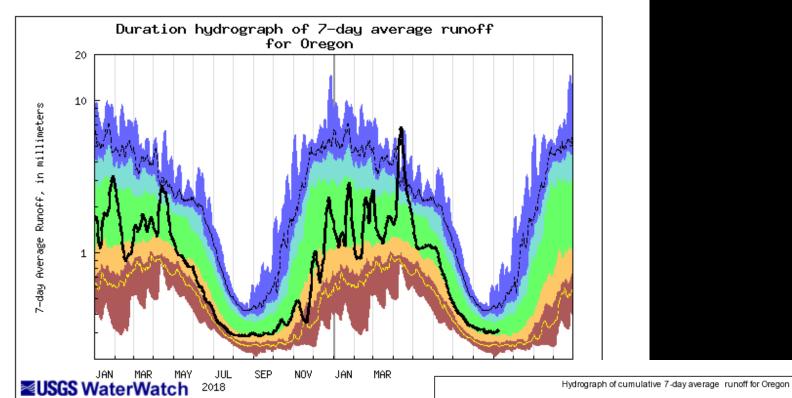








	NOCC		y mean harge	in dis- charge	Accumulated Runoff For the Period Oct. to Aug.
Station	NRCS SWSI Basin	Cubic feet per second	of average	previous month (percent)	Percent
Donner Und Blitzen nr Frenchglen	Harney	53	104	-53	124
(*)Deep Creek above Adel	Lake County	15	107	-44	137
(*)Chewaucan River near Paisley	Lake County	26	81	-50	119
Williamson River near Chiloquin	Klamath	513	111	-8	91
Owyhee River near Rome	Owyhee	177	119	-57	111
(*)NF Malheur River near Beulah	Malheur	49	104	-26	126
Grande Ronde R at Troy	Grande Ronde Powder/Burnt	644	86	-58	120
Umatilla River nr Gibbon	Umatilla Lower John Day	42	93	5	119
John Day River at Service Crk	Upper John Day	162	82	-65	124
(*)Little Deschutes River nr LaPine	Upper Deschutes	120	76	8	77
Hood River nr Hood River	Lower Deschutes Mt.Hood	269	79	-15	73
Willamette River at Salem	Willamette	7,304	104	4	81
Wilson River near Tillamook	North Coast	64	65	-30	67
Umpqua River near Elkton	Rogue/Umpqua	995	85	-15	93
Rogue River near Agness	Rogue/Umpqua	2,276	98	2	101
SF Coquille River at Powers	South Coast	34	97	-19	96
Chetco River near Brookings	South Coast	99	86	-38	90



millimeters	100	-											
runoff, in	10												
Cumulative	1					Cum Lowe High	ulative ru ulative r est observ est obser rved cun	unoff of d ed cumu ved cum	laily med ulative ru ulative r	dian Inoff (19 Tunoff (19	77)	percenti	les
≊US	GS W	ост /ater	NOV Watc	DEC h	JAN	FEB	MAR	APR	MAY 2019	JUN	JUL Last u	AUG	SEP 2019-0

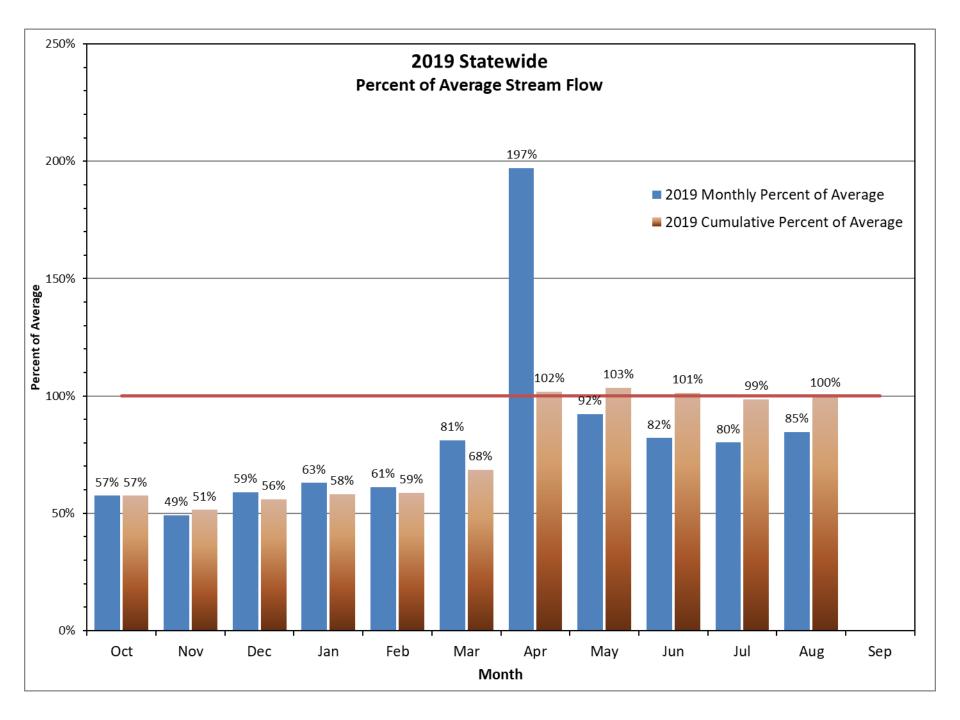
Explanation - Percentile classes								
lowest- 10th percentile	5	10-24	25-75	76-90	95	90		
Much below Normal		Below normal	Normal	Above normal	Much a	bo		



Water Supply Conditions Report Water Supply Availability Committee

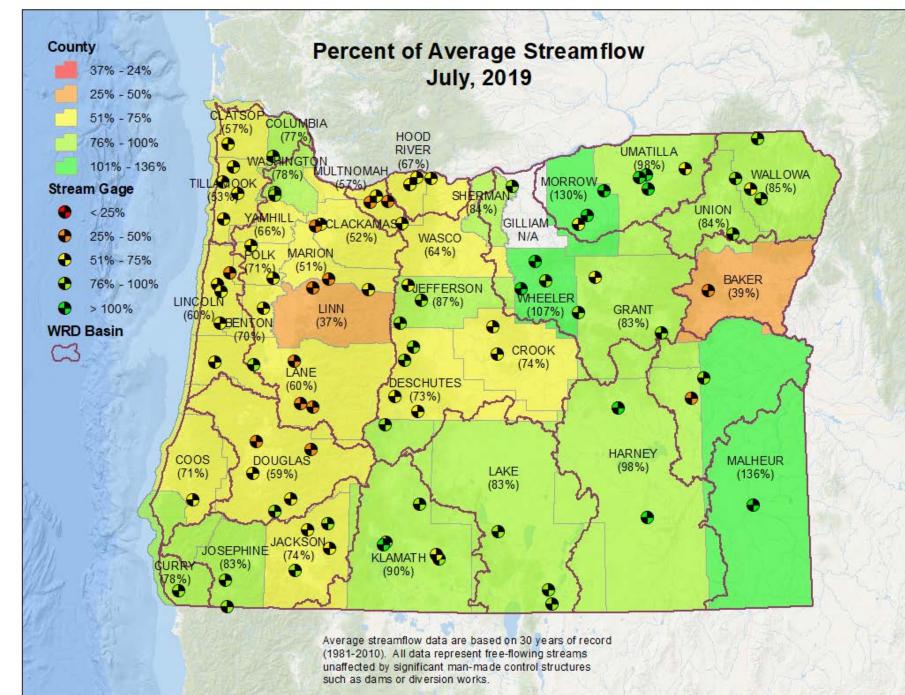


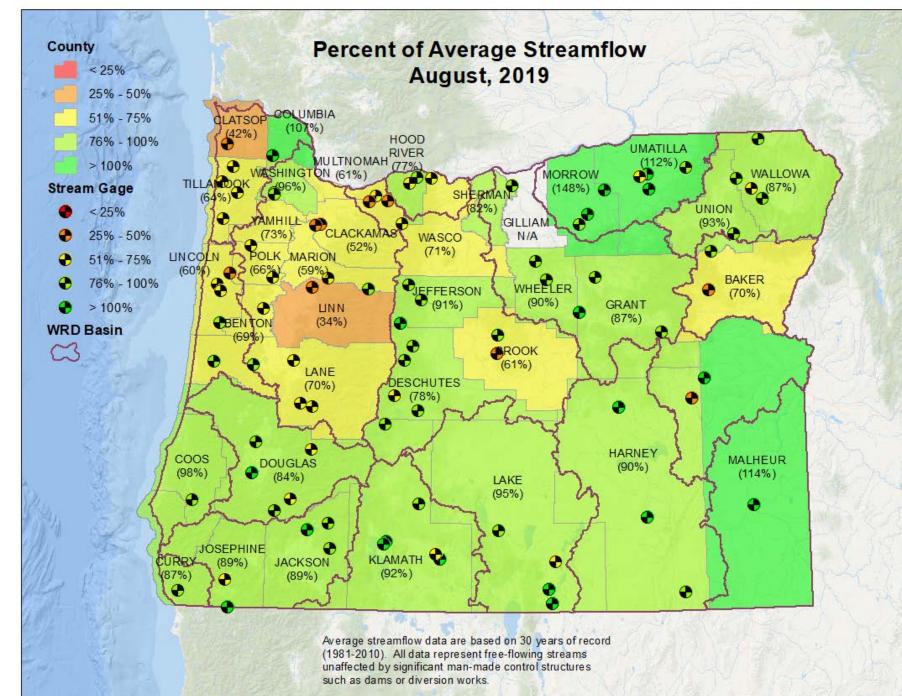


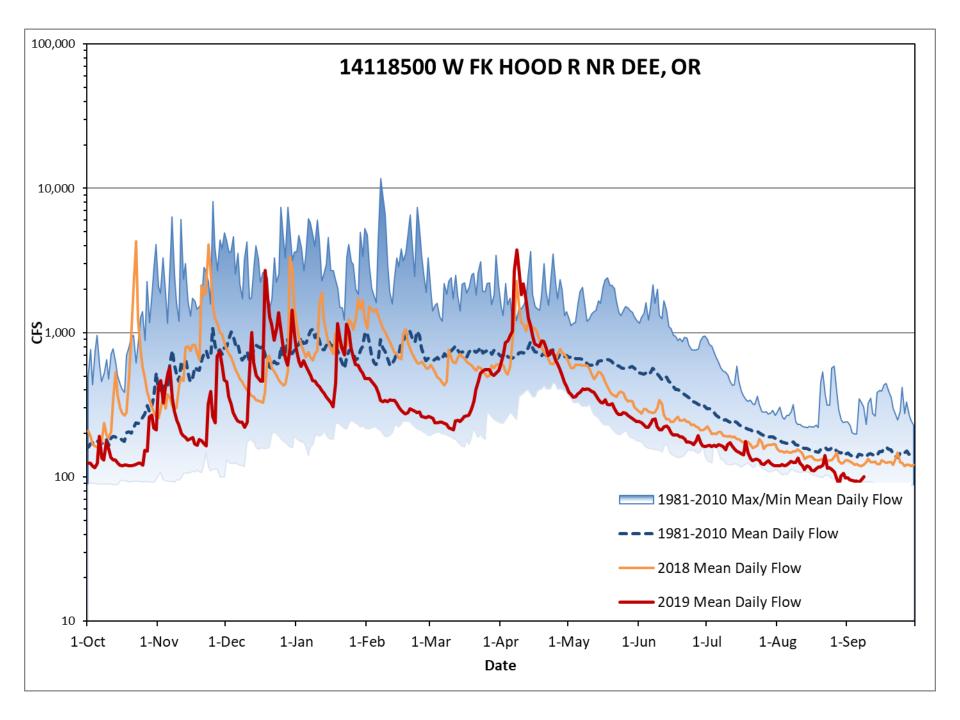


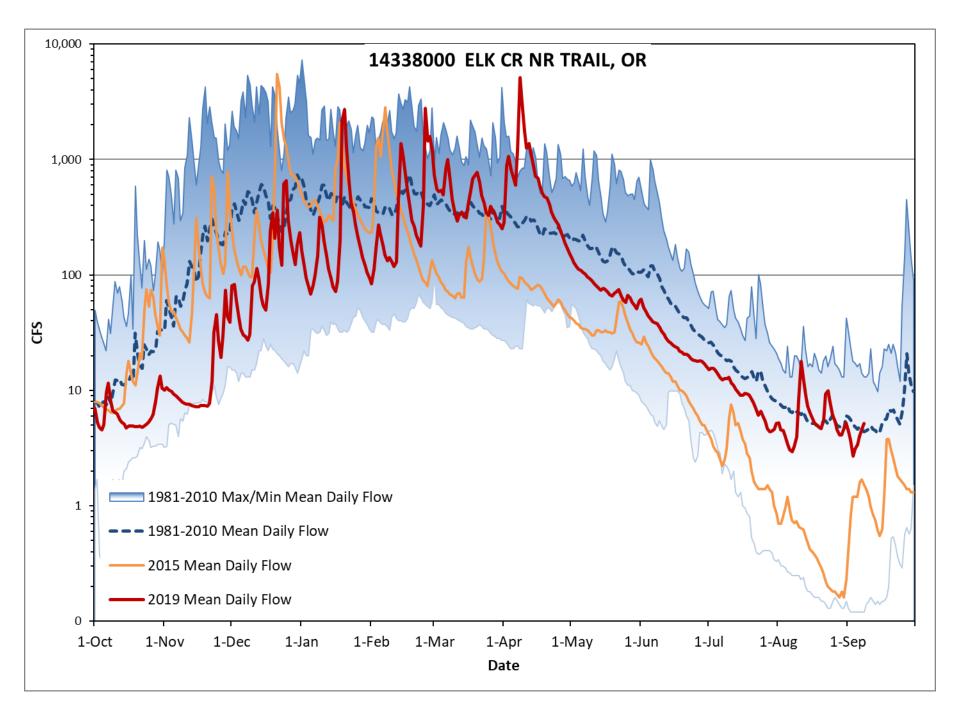


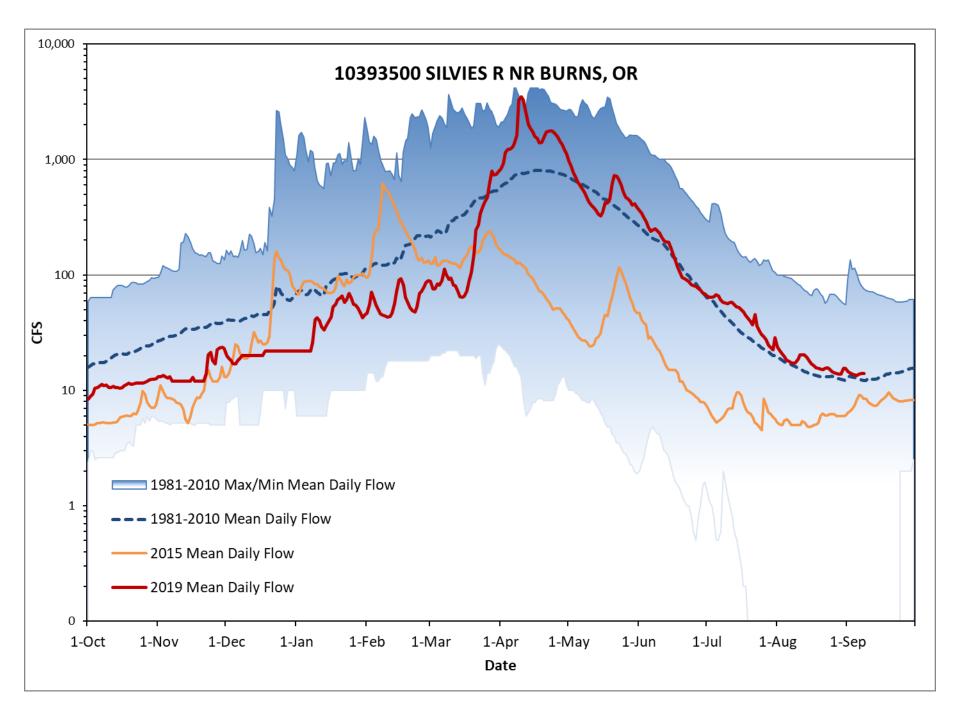
Basin	Water Year percent of average thru August	Percent of average for month of August	% of average for 09/01/2019	Number of data points
West Side	79%	74%	63%	42
East Side	113%	91%	81%	48
State	100%	85%	74%	90

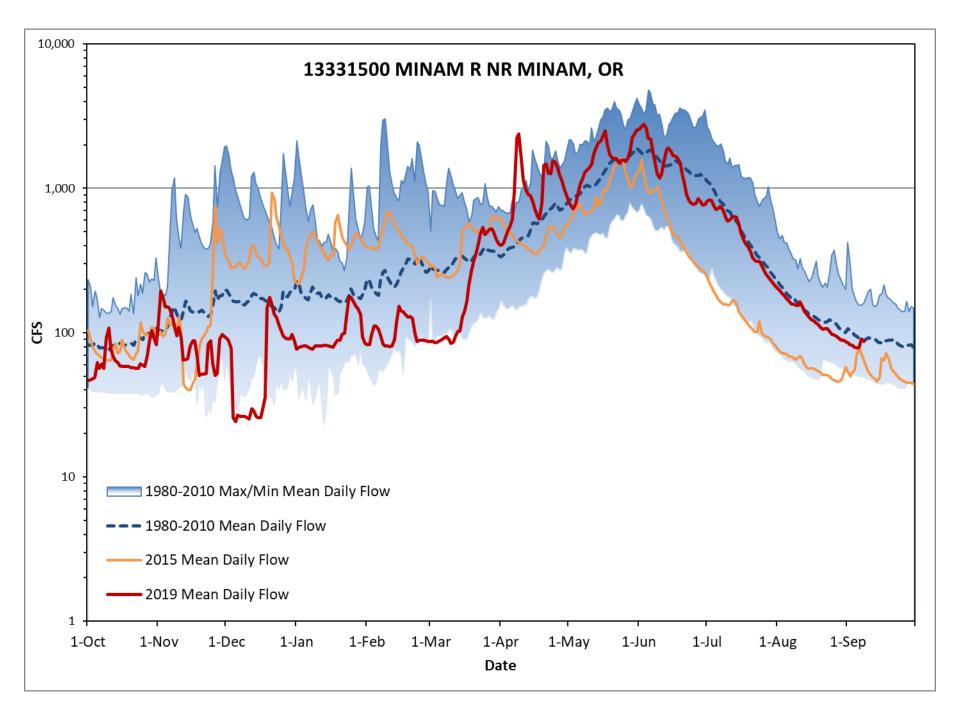














Thank you