

Corps of Engineers — Reservoir Status

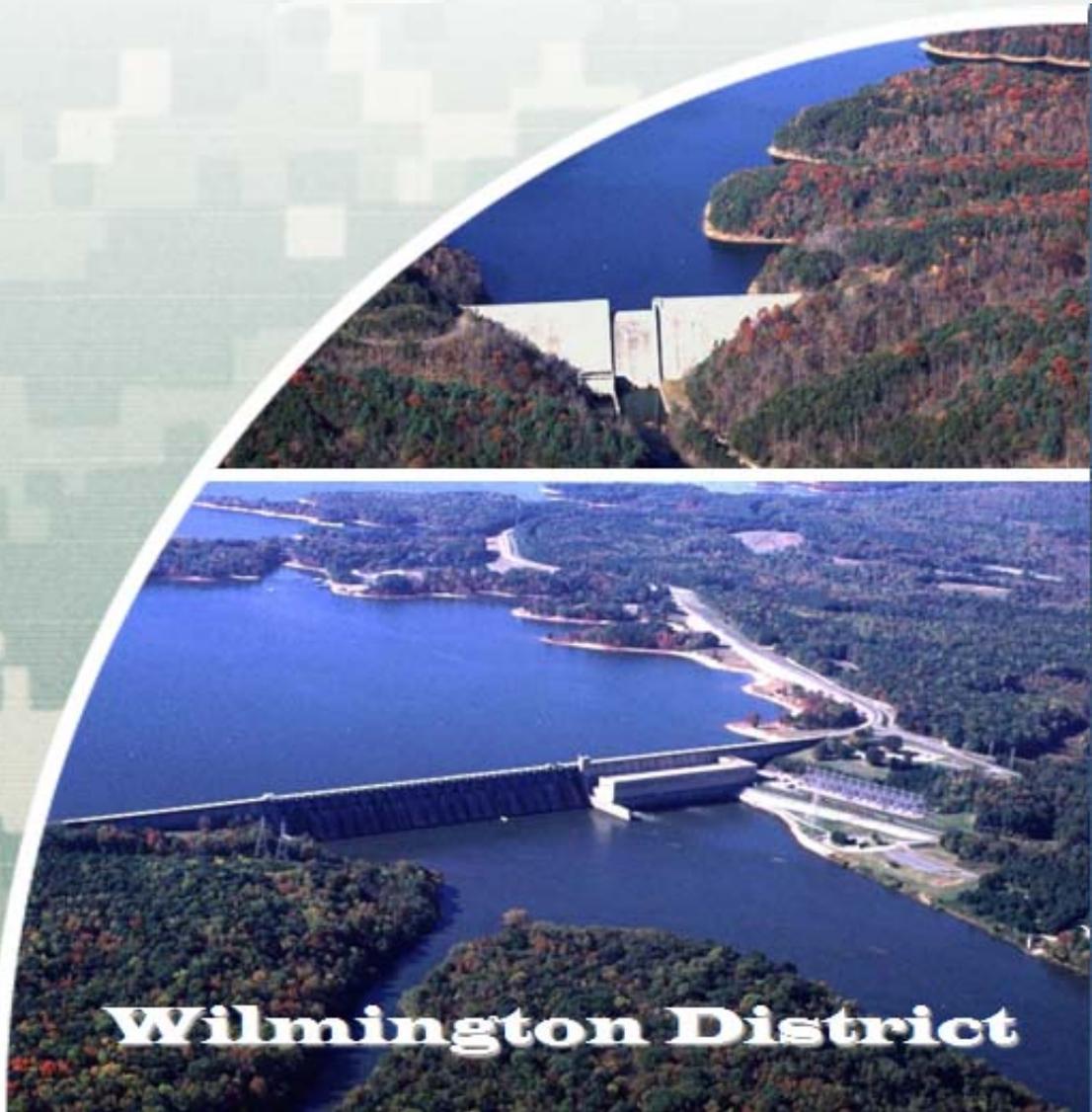
Michael A (Tony) Young, P.E.
Water Management Chief

NC DMAC Annual Meeting
Raleigh, NC

12 April 2018

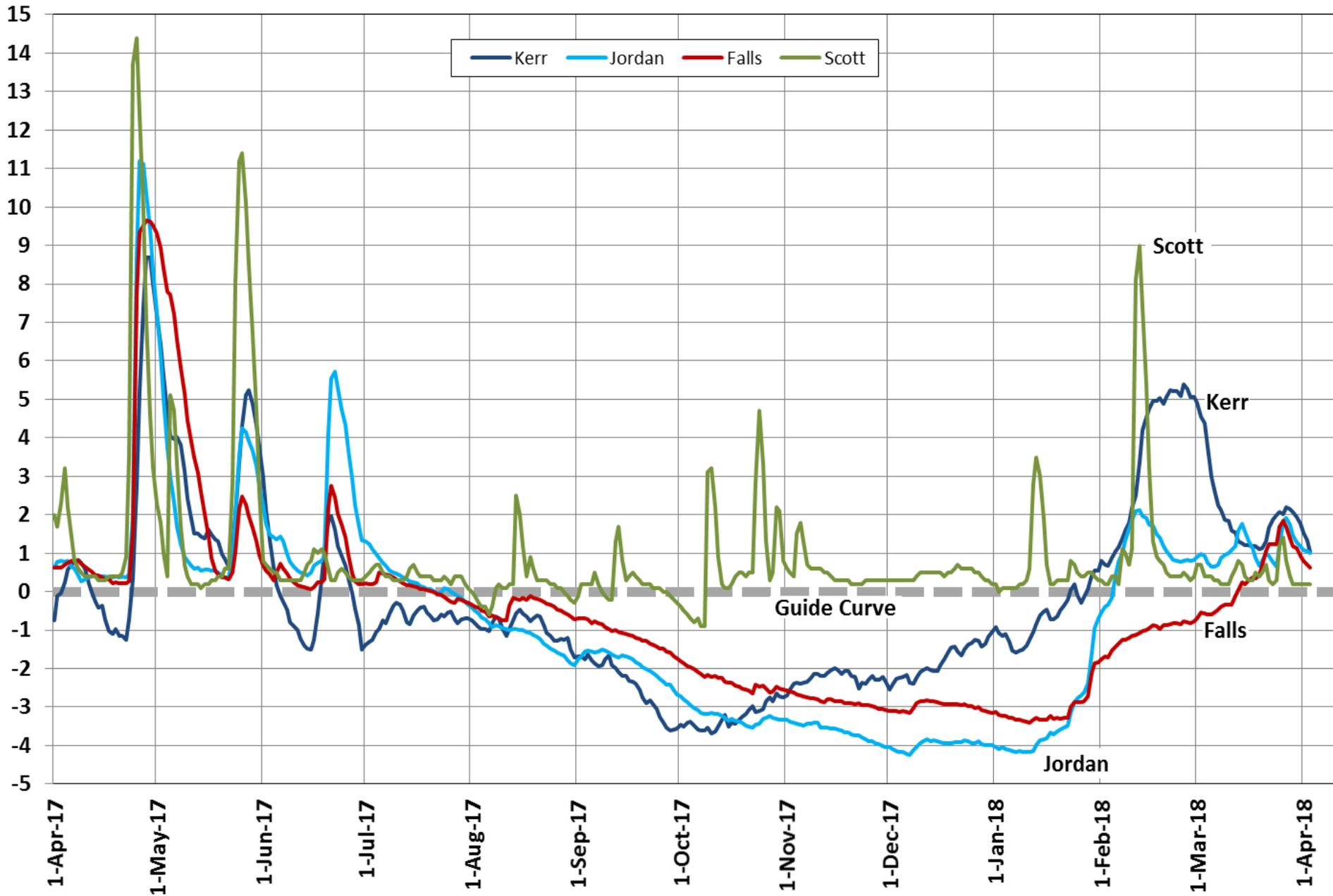


US Army Corps of Engineers
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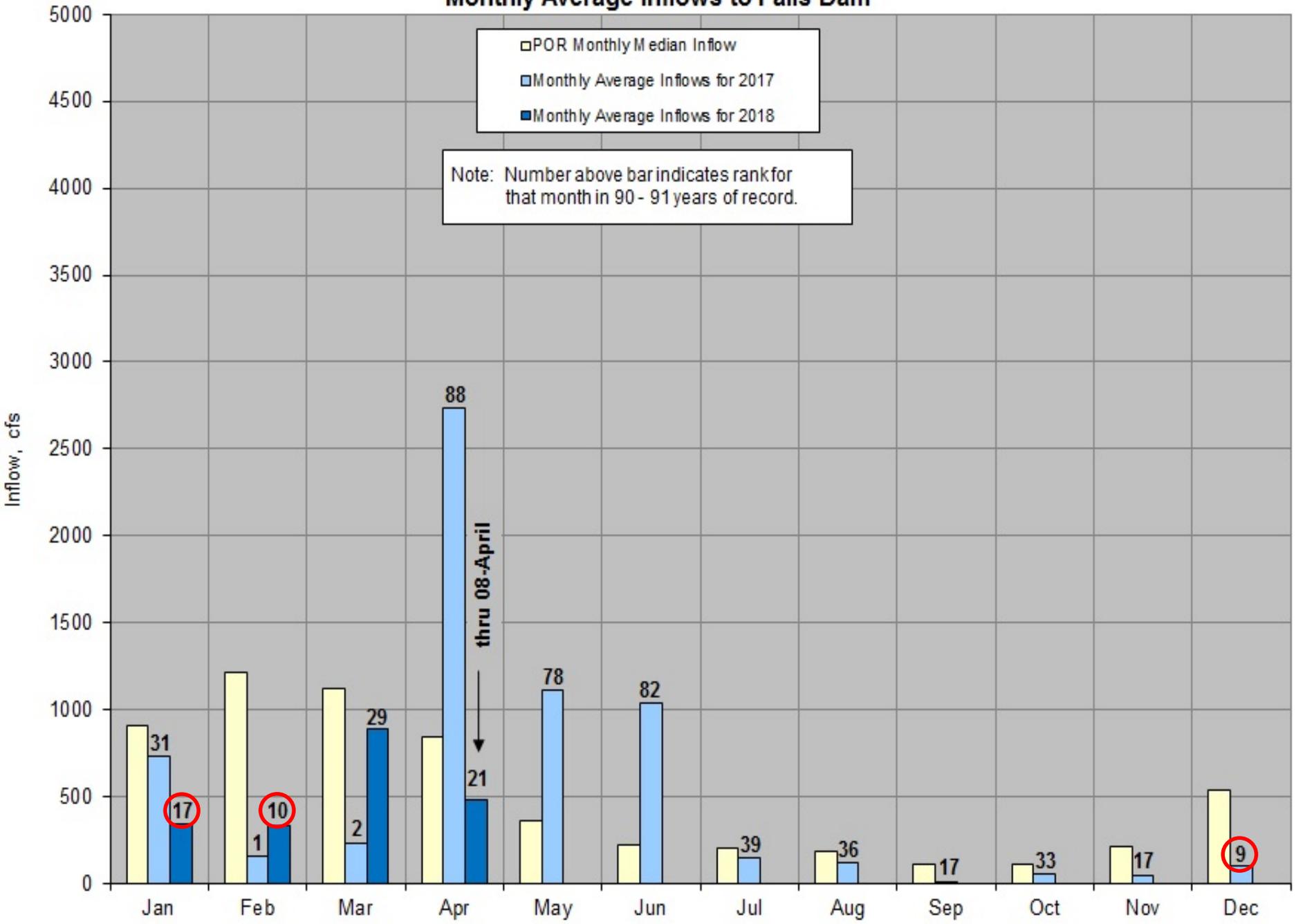


Wilmington District

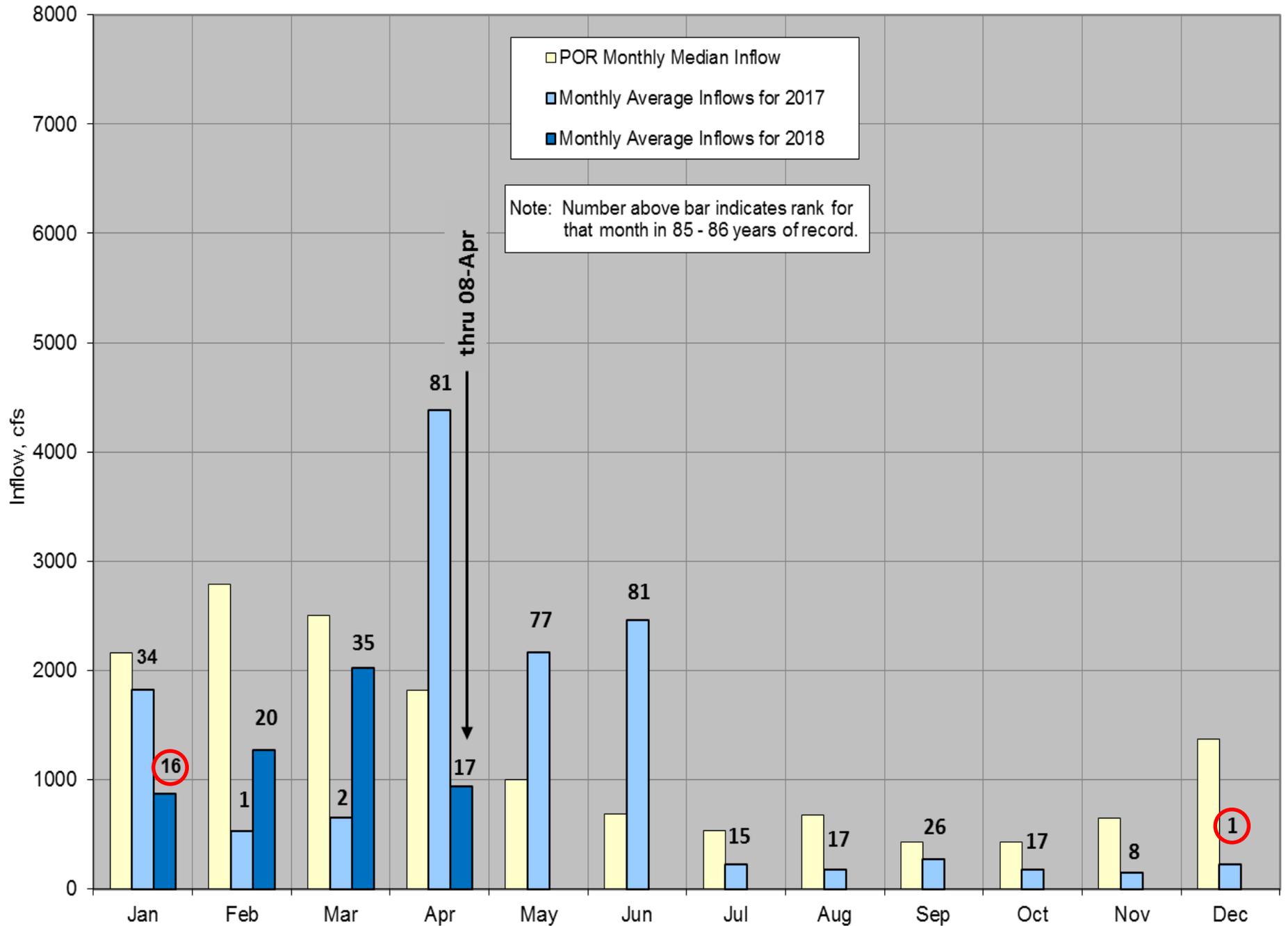
Corps Reservoir Levels Since 1-Apr-2017 (Feet Above or Below Guide Curve)



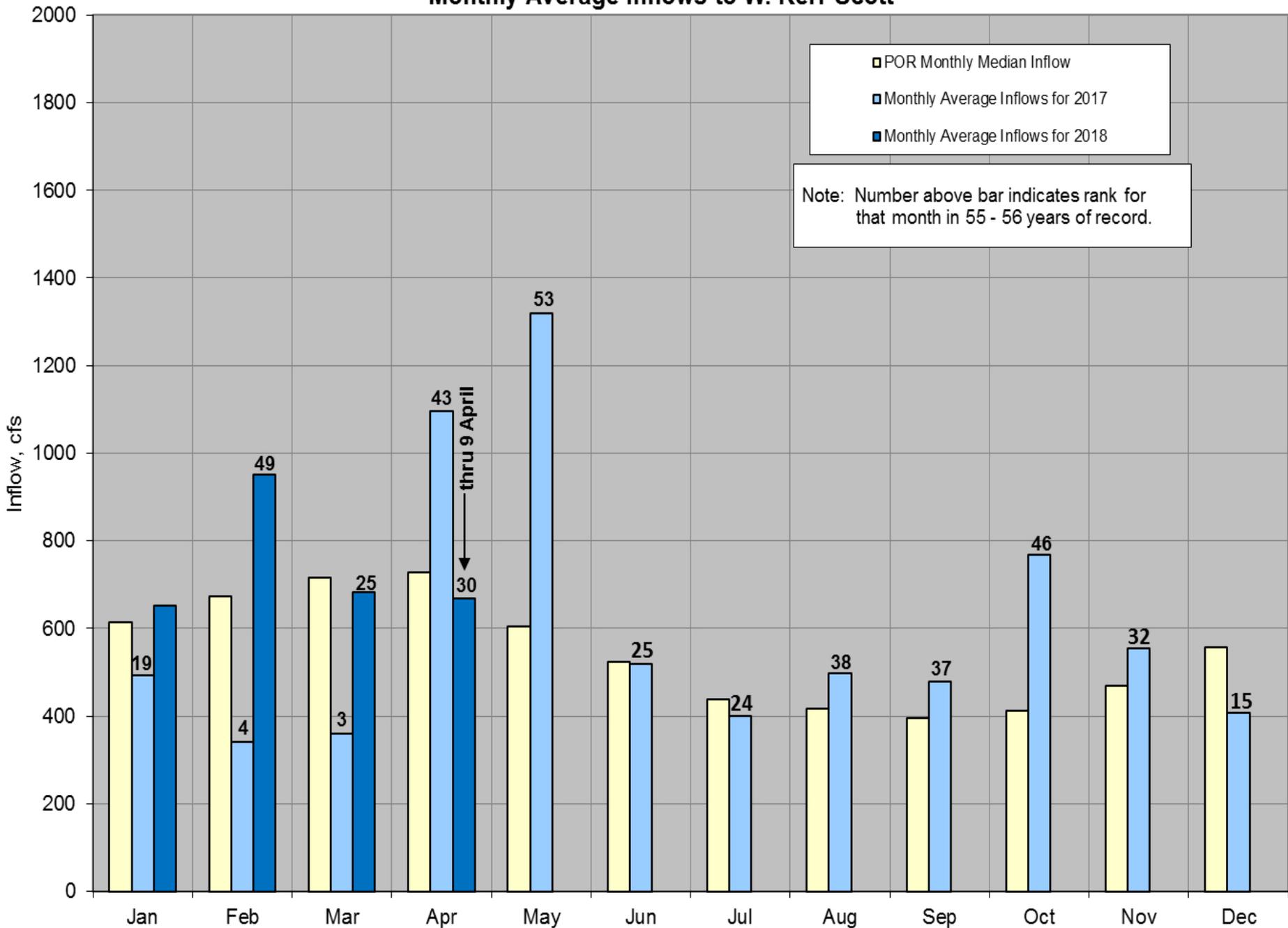
Monthly Average Inflows to Falls Dam



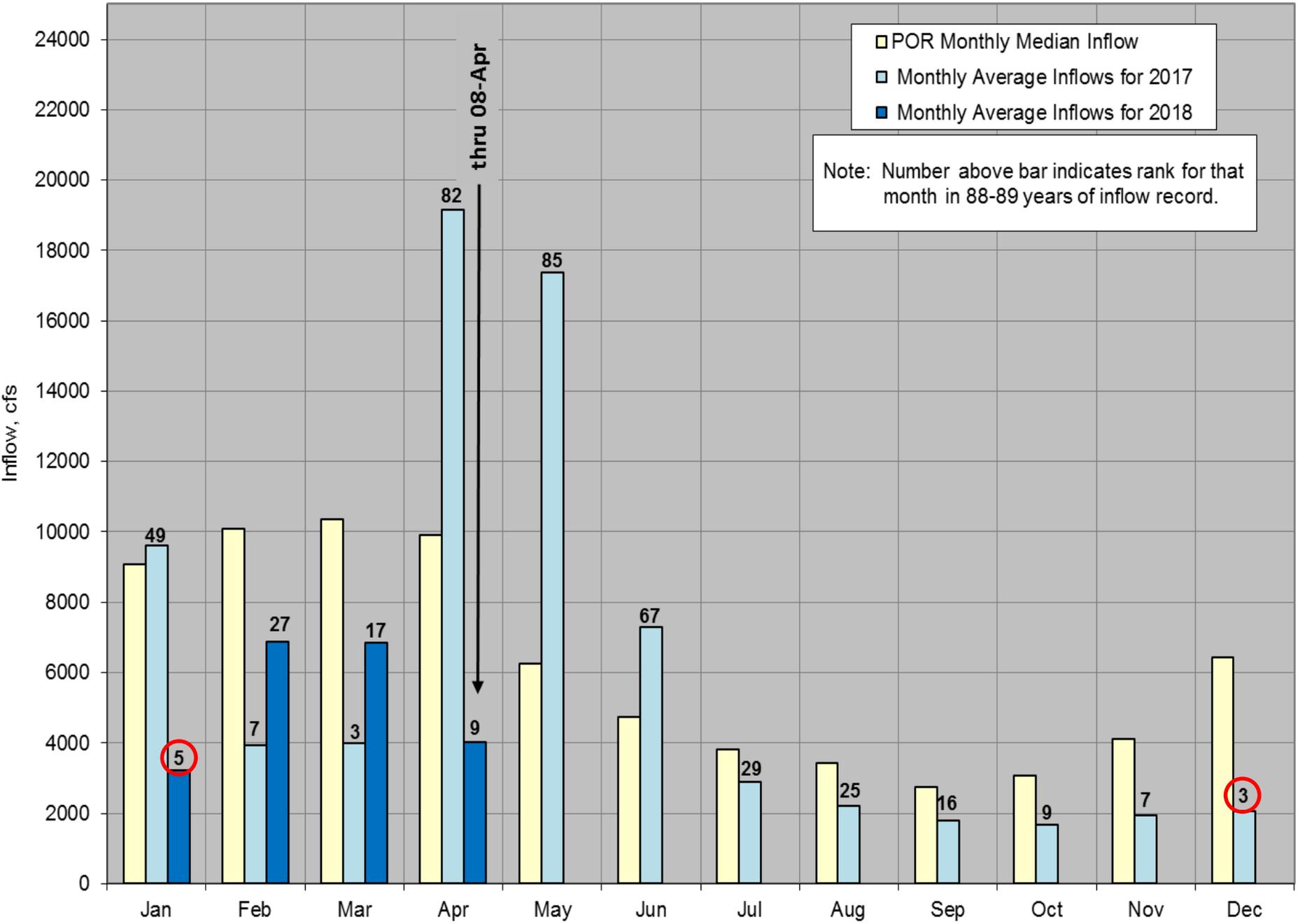
Monthly Average Inflows to B. Everett Jordan



Monthly Average Inflows to W. Kerr Scott



Monthly Average Inflows to John H. Kerr



POR Monthly Median Inflow
 Monthly Average Inflows for 2017
 Monthly Average Inflows for 2018

Note: Number above bar indicates rank for that month in 88-89 years of inflow record.

09 Apr 2018 Weekly Status Report

Reservoir Summaries:

Reservoir	09-Apr-18 0800 Elev (ft-msl)	Guide Curve (ft-msl)	Forecast 16-Apr-18 Elevation (ft-msl)	Average Net Inflows		Rainfall at Dam	
				7-day cfs (% median)	Mar cfs (% median)	7-day (inches)	Mar (inches)
Falls	252.38	251.5	252.0	479 (56%)	887 (73%)	0.97	4.24
Jordan	217.41	216.0	216.8	959 (53%)	2109 (84%)	0.91	4.63
Scott	1030.44	1030.0	1030.2	615 (85%)	682 (95%)	0.93	4.39
Kerr	302.06	302.0	300.5	4034 (41%)	6840 (66%)	0.88	3.53
Philpott	974.94	973.5	973.9	211 (59%)	250 (79%)	0.38	3.86

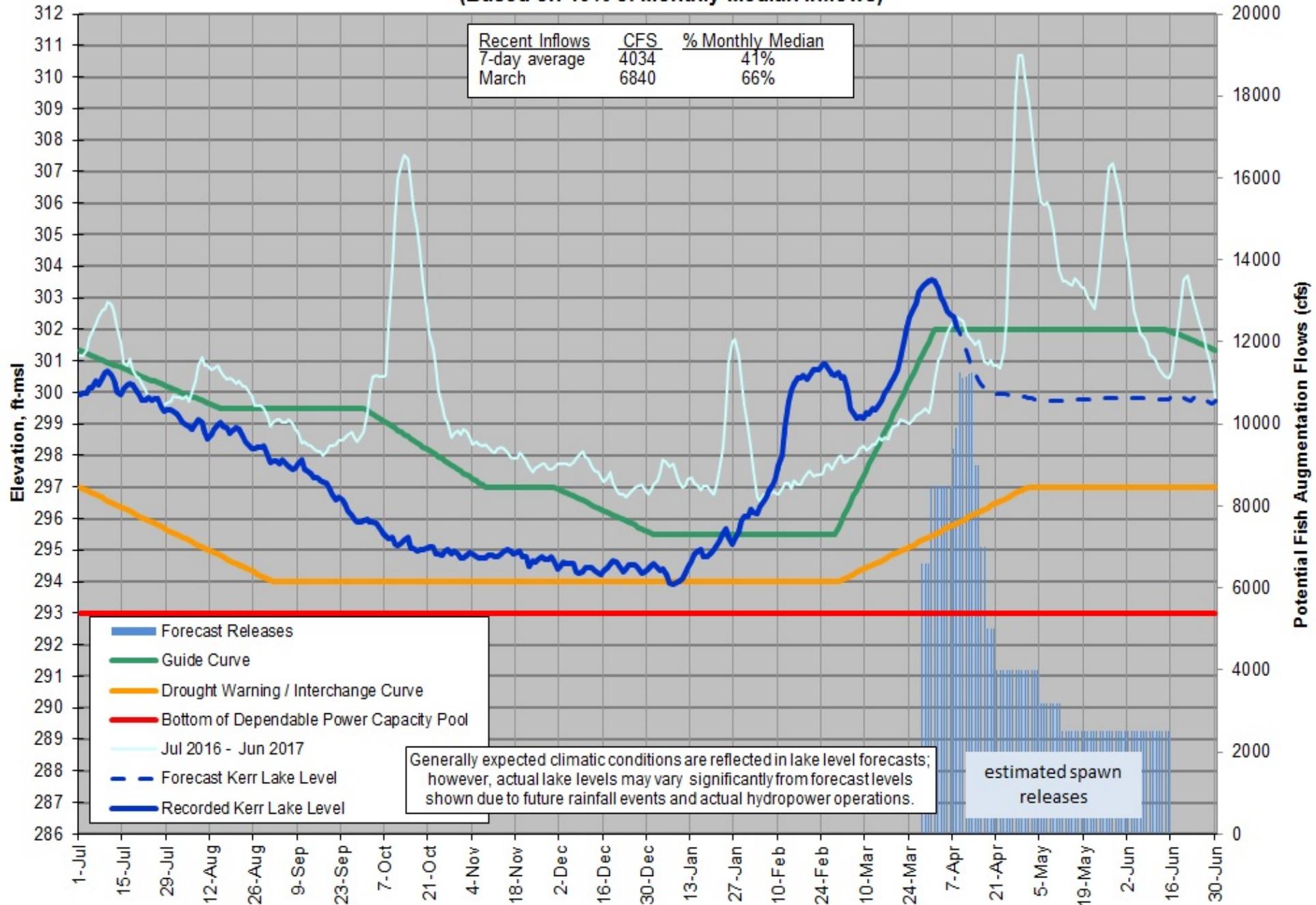
Reservoir	Current Flood Storage % Remaining	Current Water Quality % Remaining	Forecast 80% WQ Remaining	Forecast 60% WQ Remaining	Current Water Supply or Power Pool % Remaining	Forecast 80% WS or PP Remaining	Forecast 60% WS or PP Remaining
Falls	95	100	*	*	100	*	*
Jordan	97	100	*	*	100	*	*
Scott	99				100	*	*
Kerr	92				100	*	*
Philpott	92				100	*	*

NOTE: Water Quality, Water Supply, and Power Pool forecasts extend through end of June 2018.

* indicates that storage remaining does not drop below indicated threshold by end of forecast period.

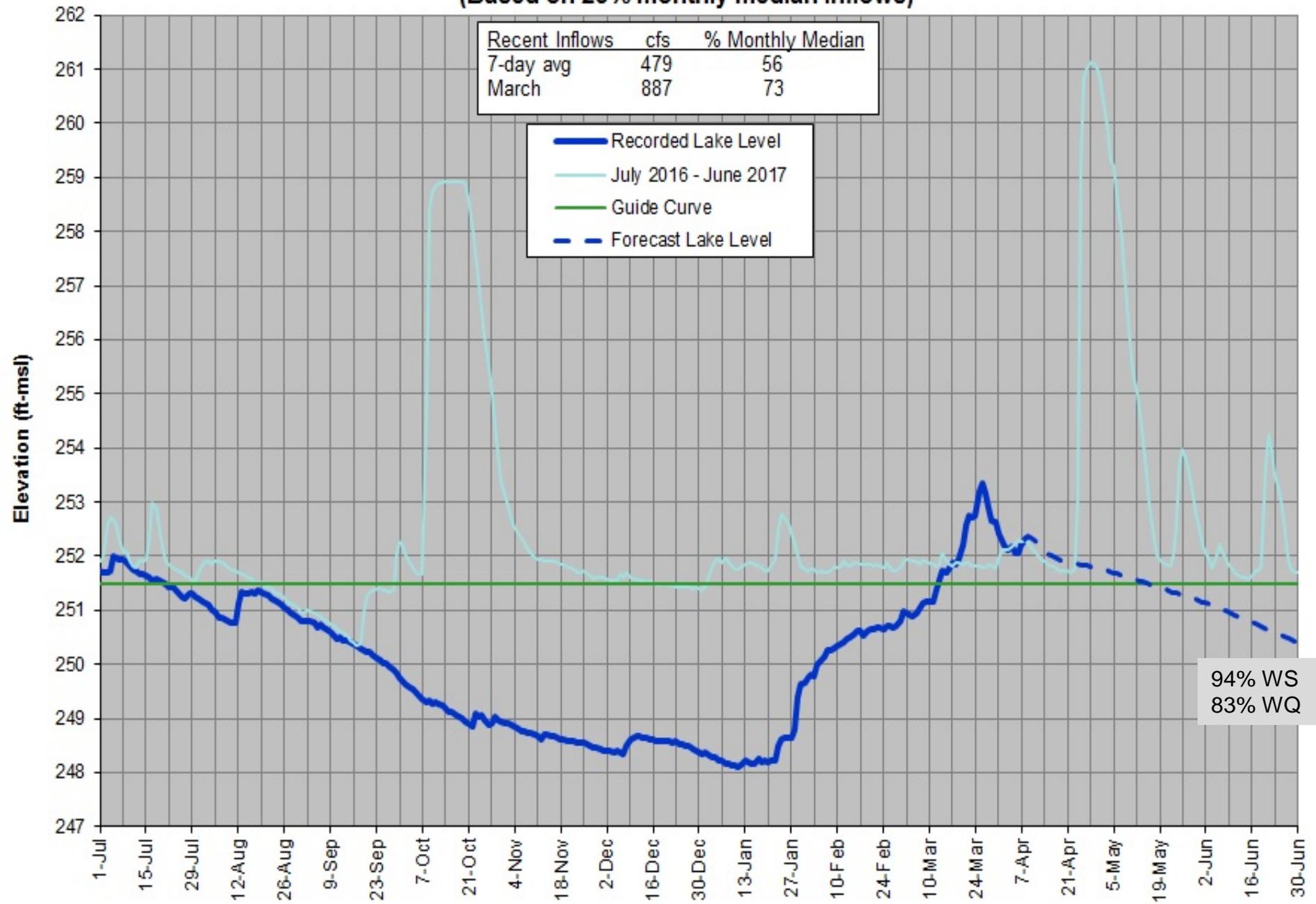
JH Kerr Lake Level Forecast -- 09 April 2018 (Based on 40% of Monthly Median Inflows)

Recent Inflows	CFS	% Monthly Median
7-day average	4034	41%
March	6840	66%



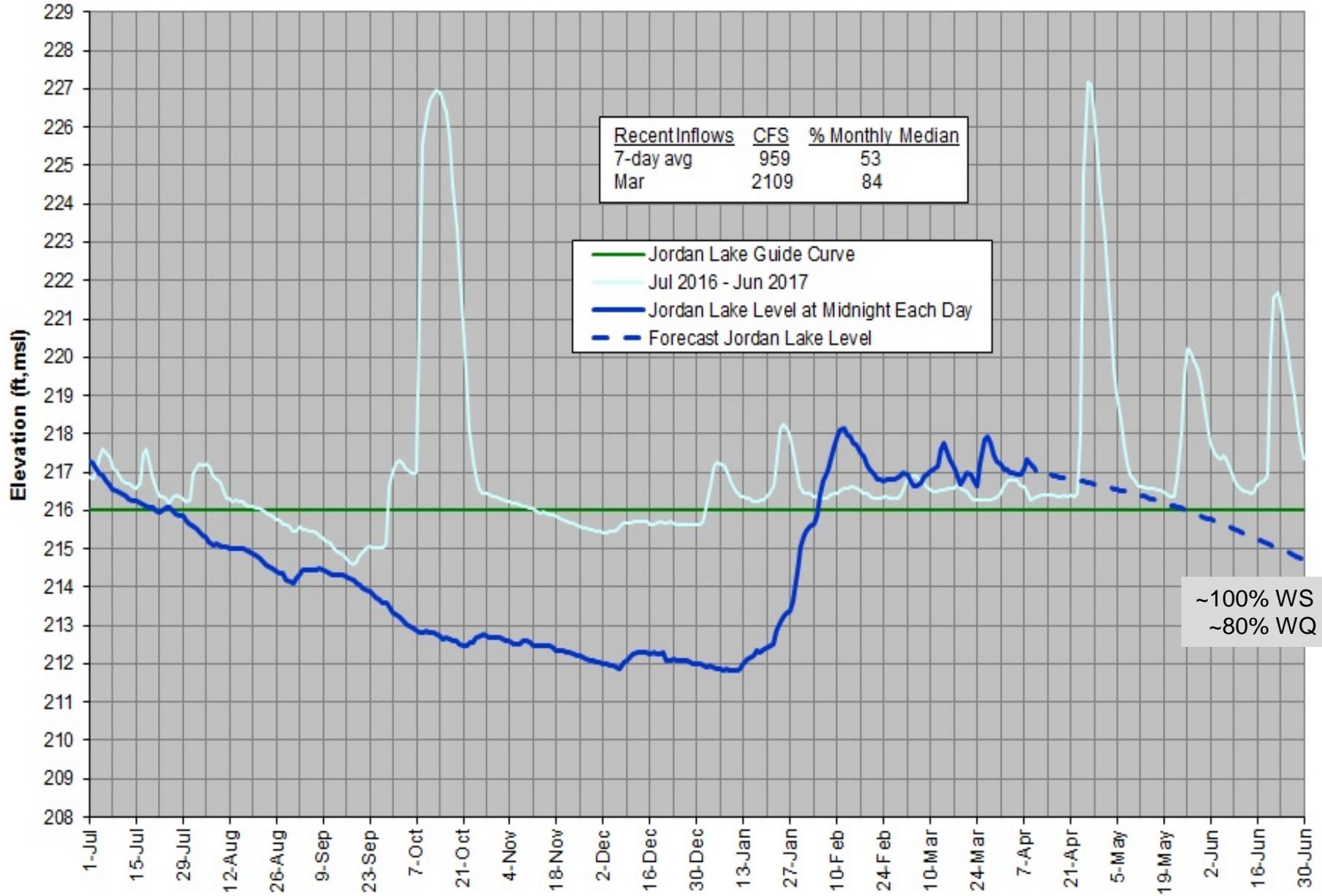
Falls Lake Level -- 09 April 2018 (Based on 25% monthly median inflows)

Recent Inflows	cfs	% Monthly Median
7-day avg	479	56
March	887	73

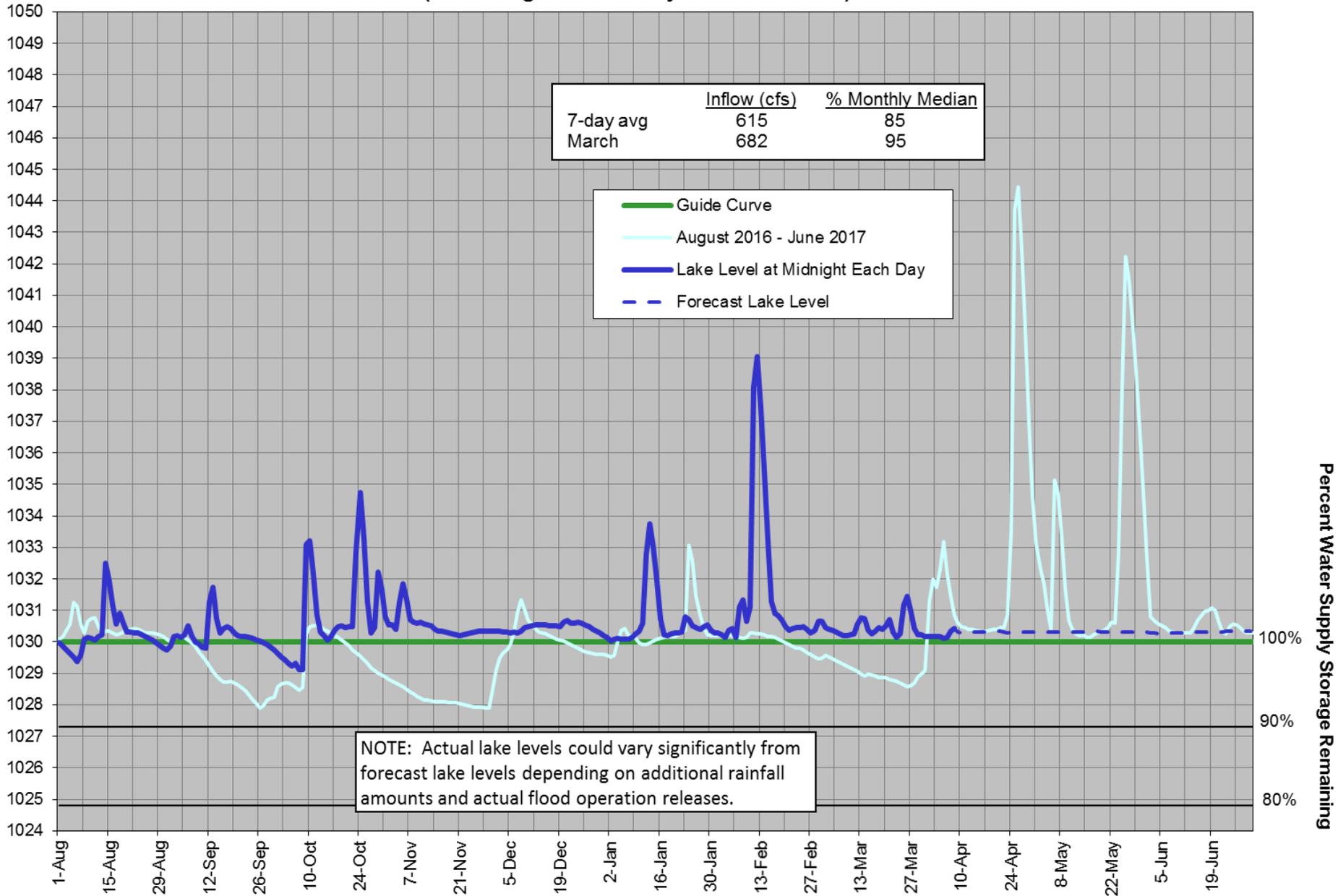


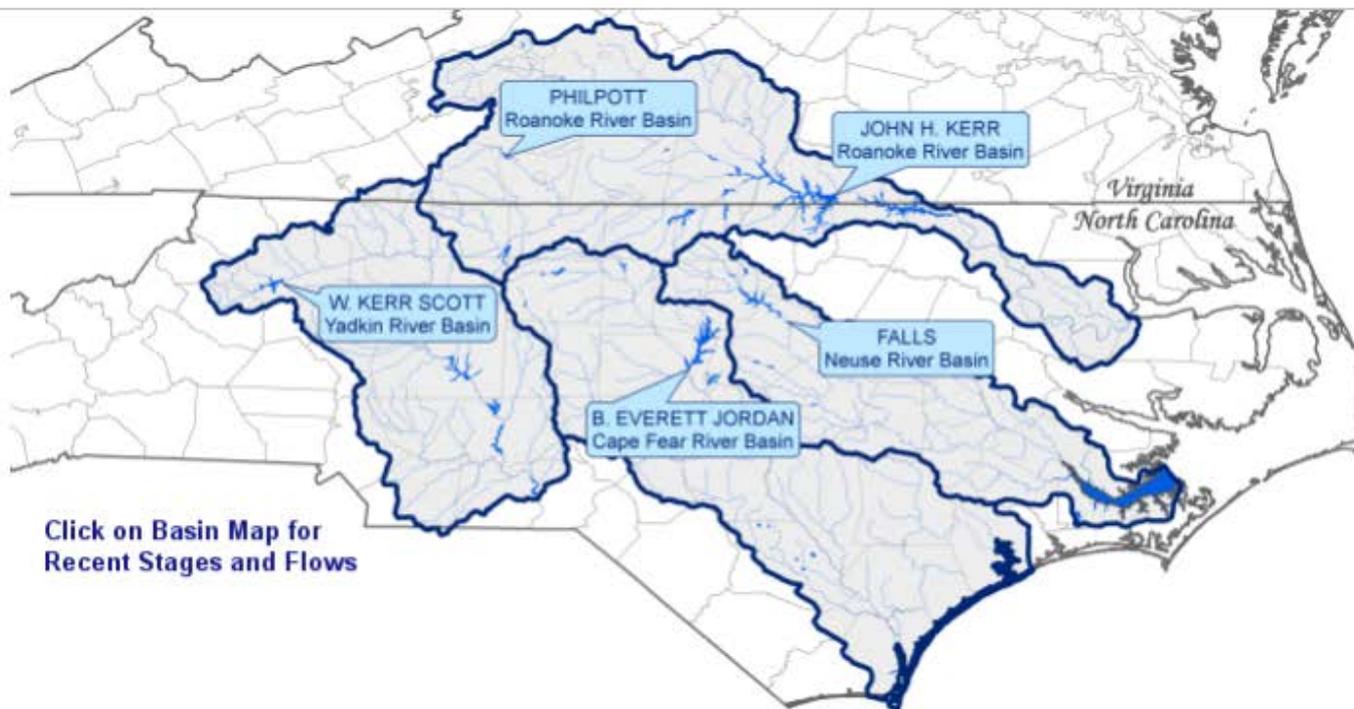
94% WS
83% WQ

Jordan Lake Level -- 09 Apr 2018 (Based on ~30% monthly median inflows)



W. Kerr Scott Lake Level -- 9 April 2018 (Assuming 75% Monthly Median Inflows)





Click on Reservoir Name Below to go to Project Webpage:

	Kerr	Philpott	Falls	Jordan	Scott
0800 Elevation (ft-msl)	301.72	974.72	252.37	217.30	1030.40
Guide Curve (ft-msl)	302.00	973.50	251.50	216.00	1030.00

Lake and Guide Curve Levels for the past 180 days

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