Corps of Engineers -- Reservoirs Status

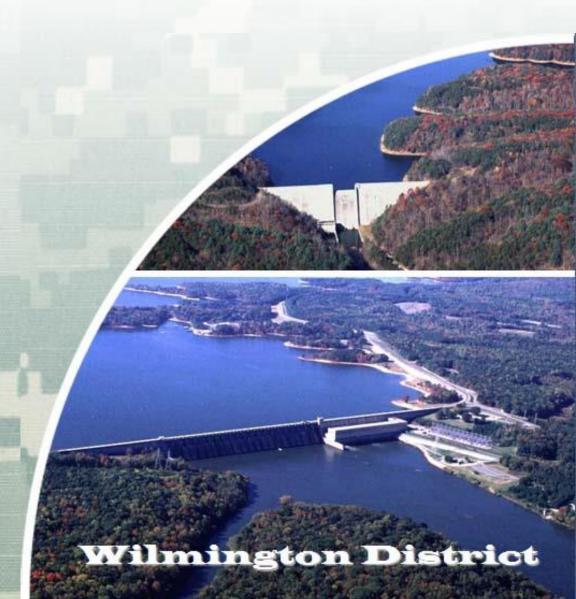
Michael A (Tony) Young, P.E. Water Management Chief

NC DMAC Annual Meeting Raleigh, NC

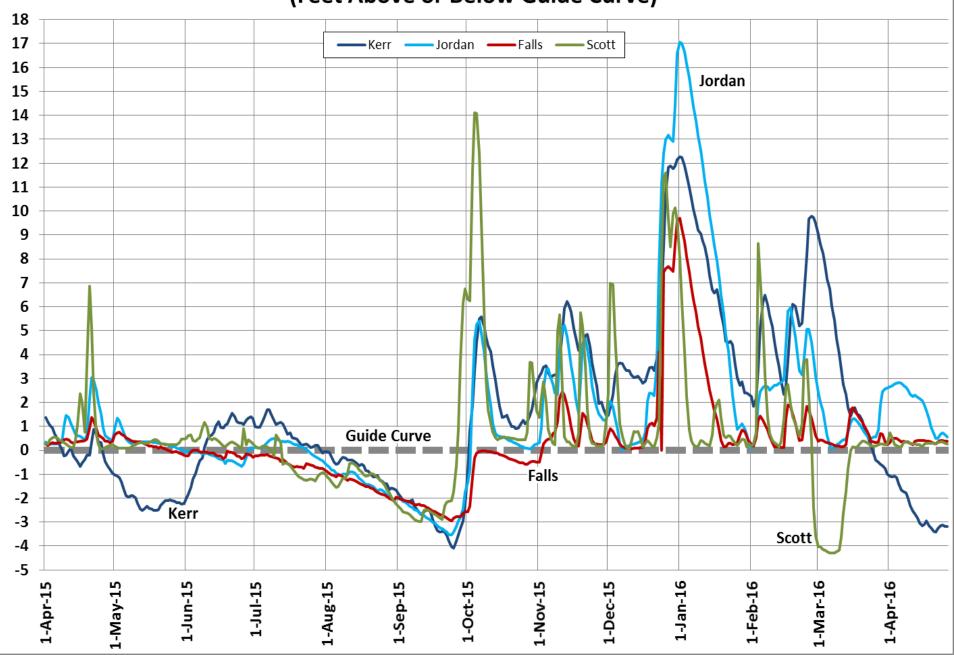
28 April 2016

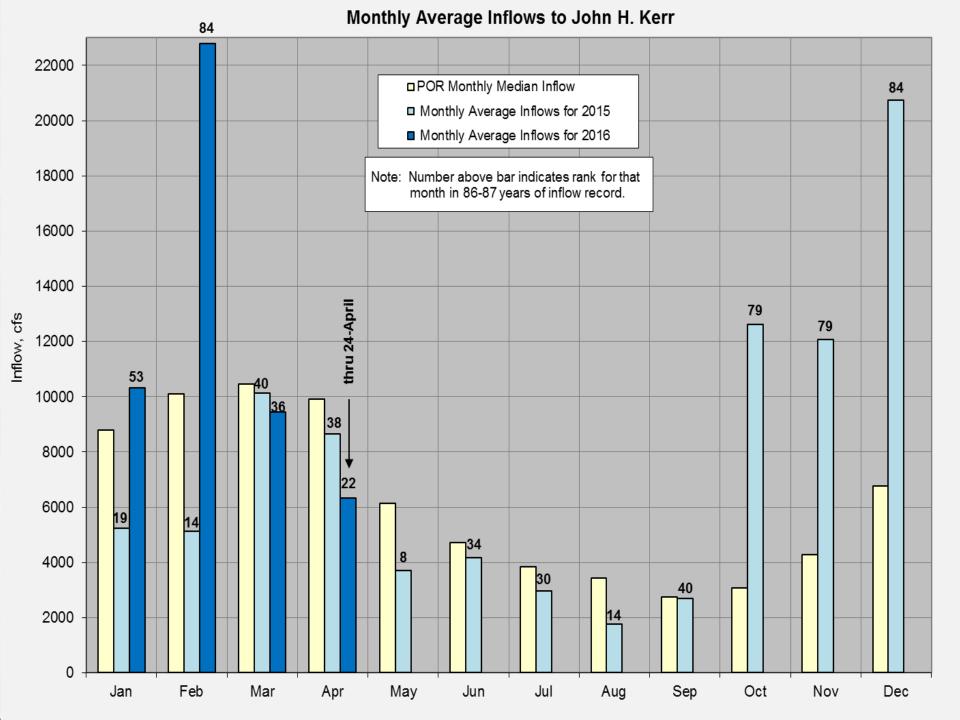






Corps Reservoir Levels Since 1-Apr-2015 (Feet Above or Below Guide Curve)





25 Apr 2016 Weekly Status Report

Reservoir Summaries:

	25-Apr-16	Guide	Forecast 02-May-16	Average Net Inflows		Rainfall	Rainfall at Dam	
Reservoir	0800 Elev	Curve	Elevation	7-day	Apr	7-day	Apr	
	(ft-msl)	(ft-msl)	(ft-msl)	cfs (% median)	cfs (% median)	(inches)	(inches)	
Falls	251.91	251.5	251.7	308 (36%)	422 (50%)	1.52	2.74	
Jordan	216.72	216.0	216.3	850 (40%)	969 (45%)	1.73	2.54	
Scott	1030.34	1030.0	1030.2	5726 (82%)	646 (92%)	0.19	1.72	
Kerr	298.92	302.0	298.7	5308 (49%)	6332 (58%)	0.44	1.22	
Philpott	973.99	973.5	973.8	316 (82%)	377 (97%)	0.13	1.23	

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	98	100	*	*	100	*	*
Jordan	98	100	*	*	100	*	*
Scott	99				100	*	*
Kerr	100				95	*	*
Philpott	100				100	*	*

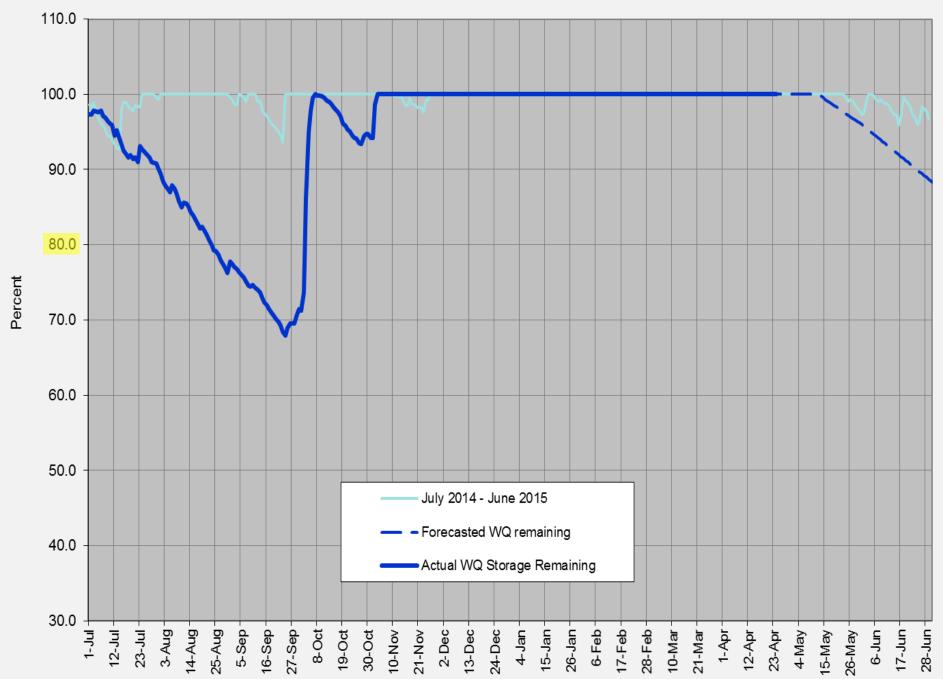
NOTE: Water Quality, Water Supply, and Power Pool forecasts extend through end of June 2016.

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

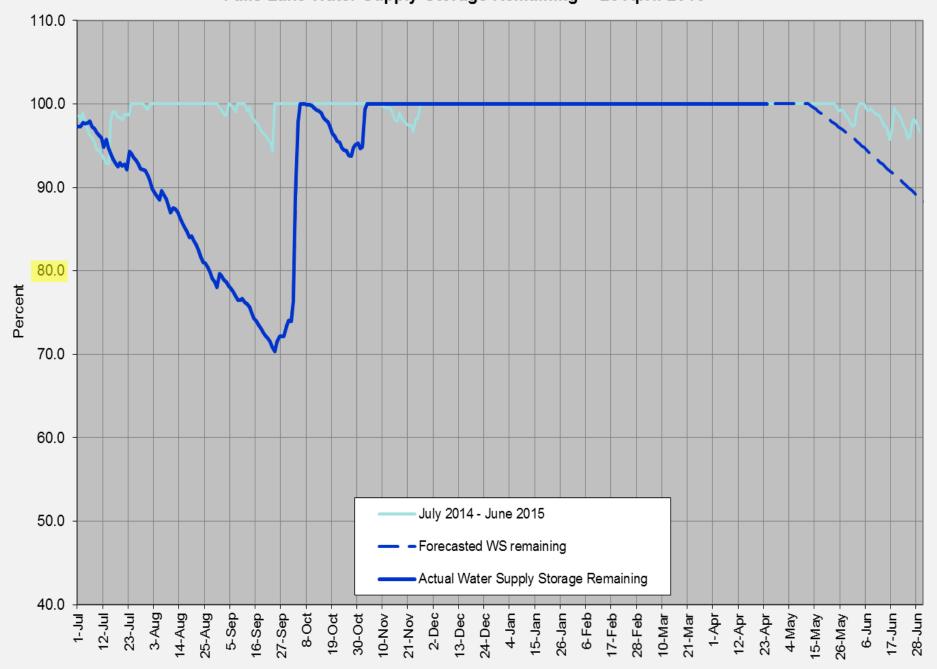
JH Kerr Lake Level Forecast -- 25 April 2016 (Based on 60% monthly median inflows) 310 Recent Inflows % of Median 309 7-day average 49% 58% April 6332 308 307 Spawn Releases for Forecast: 306 April 4,500 cfs May 4,500 cfs 305 4,000 cfs June 304 303 302 Elevation, ft-msl 301 300 299 298 297 296 295 Guide Curve 294 Drought Warning / Interchange Curve 293 Bottom of Dependable Power Capacity Pool Jul 2014 - Jun 2015 292 Generally expected climatic conditions are reflected in lake level forecasts; Forecast Lake Level however, actual lake levels may vary significantly from forecast levels shown 291 due to future rainfall events and actual hydropower operations. Recorded Kerr Lake Level 290 13-Jan-15-Jun-12-Aug 21-Oct 16-Dec 30-Dec 27-Jan 20-Apr 29-Jun 26-Aug 23-Sep 18-Nov 2-Dec 24-Feb 23-Mar 18-May 1-Jun 29-Jul 9-Sep 7-Oct 4-Nov 10-Feb 9-Mar 6-Apr 4-Мау

Falls Lake Level - 25 April 2016 (Based on 15% monthly median inflows) 262 Recent Inflows cfs % POR Median 261 7-day avg 308 36 April 422 50 260 Falls Lake Level to Date at Midnight Each Day 259 July 2014 - June 2015 258 Falls Lake Guide Curve - Forecast Lake Level 257 Elevation (ff-msl) 256 255 254 253 252 251 250 249 248 1-Jul + 23-Sep -15-Jun 29-Jun 12-Aug 26-Aug 21-Oct 4-Nov 2-Dec 16-Dec 30-Dec 13-Jan 27-Jan 10-Feb 24-Feb 4-Мау 9-Sep 7-Oct 18-Nov 23-Mar 20-Apr 18-May 29-Jul 9-Маг 6-Арг

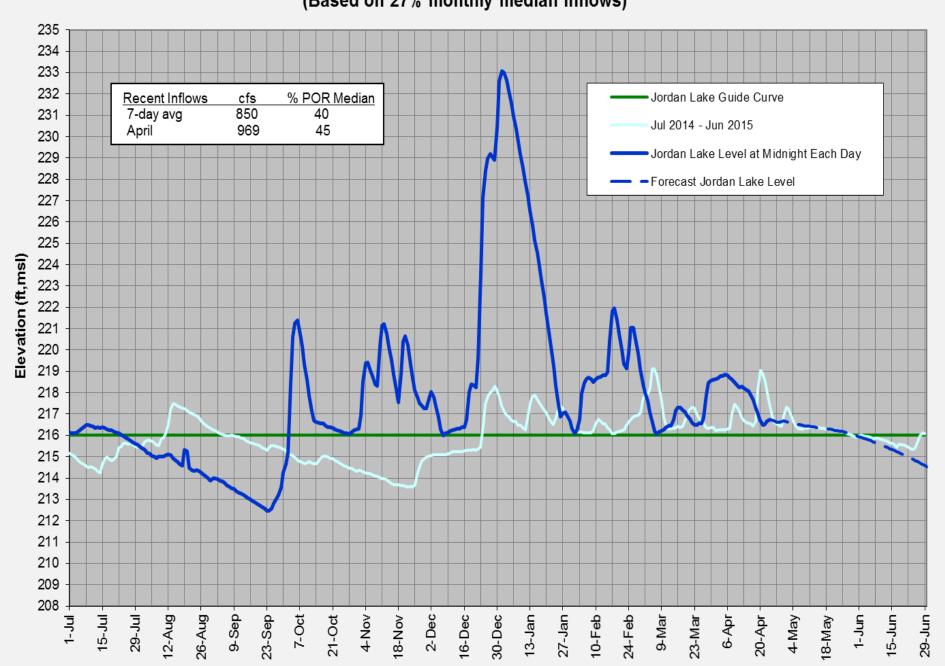
Falls Lake Water Quality Storage Remaining -- 25 April 2016



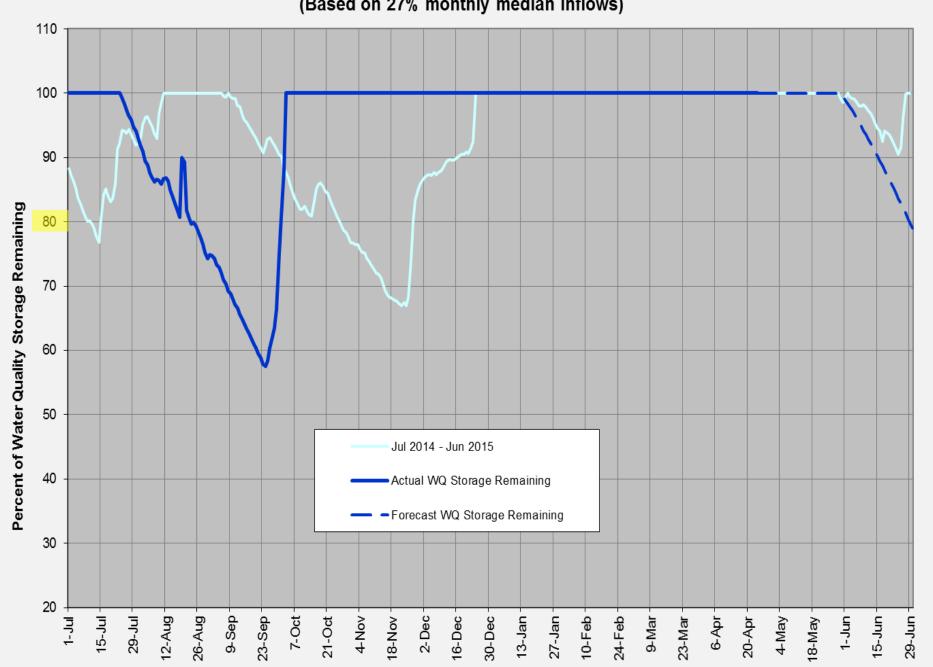
Falls Lake Water Supply Storage Remaining -- 25 April 2016



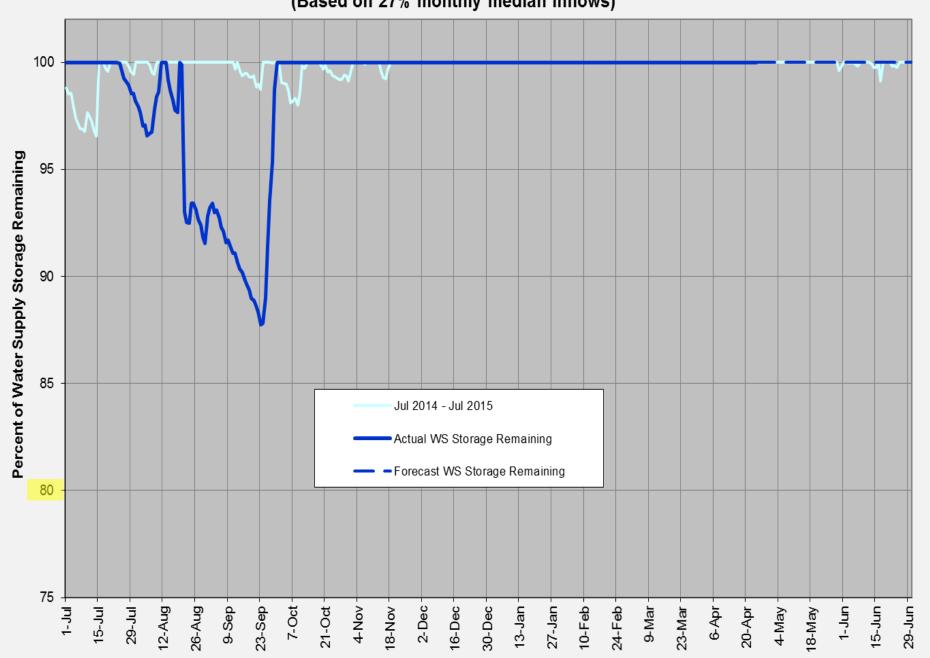
Jordan Lake Level -- 25 Apr 2016 (Based on 27% monthly median inflows)



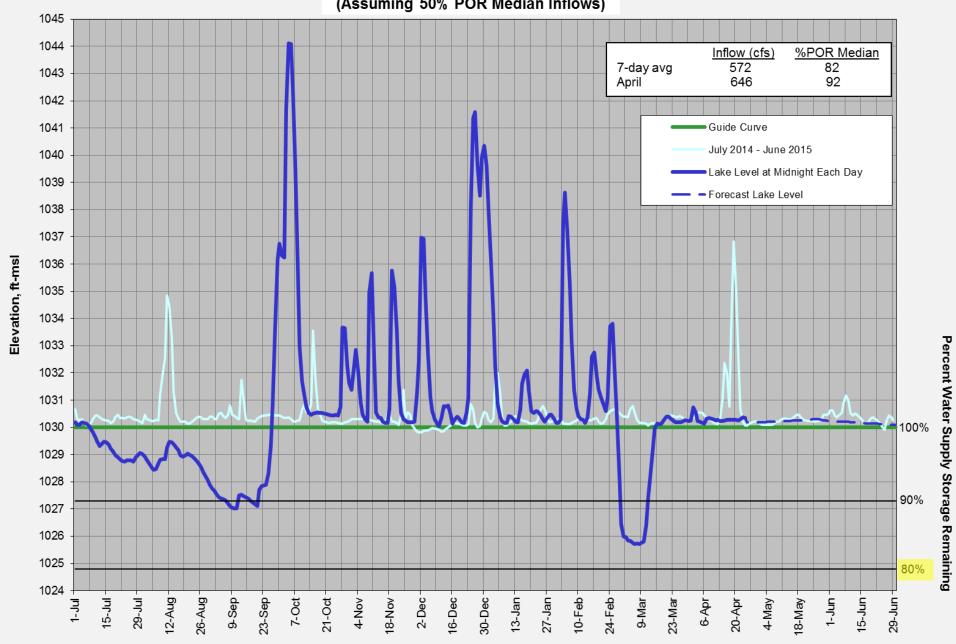
Jordan Lake Water Quality Storage Remaining -- 25 Apr 2016 (Based on 27% monthly median inflows)



Jordan Lake Water Supply Storage Remaining -- 25 Apr 2016 (Based on 27% monthly median inflows)

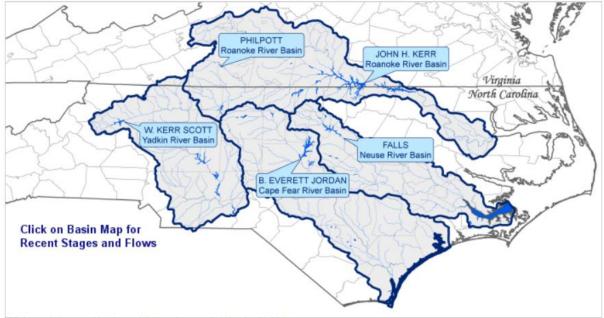


W.Kerr Scott Lake Level -- 25 April 2016 (Assuming 50% POR Median Inflows)





Home | Daily Report | Project Status | USGS - NC VA | NWS River Forecasts | Weather | Recreation



Click on Reservoir Name Below to go to Project Webpage:

	John H. Kerr	Philpott	Falls	B. Everett Jordan	W. Kerr Scott
0800 Elevation (ft-msl)	298.88	973.94	251.85	216.51	1030.24
Guide Curve (ft-msl)	302.00	973.50	251. <mark>5</mark> 0	216.00	1030.00
		Lake and Guide Curve Levels for the past 180 days			

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Contact Information:

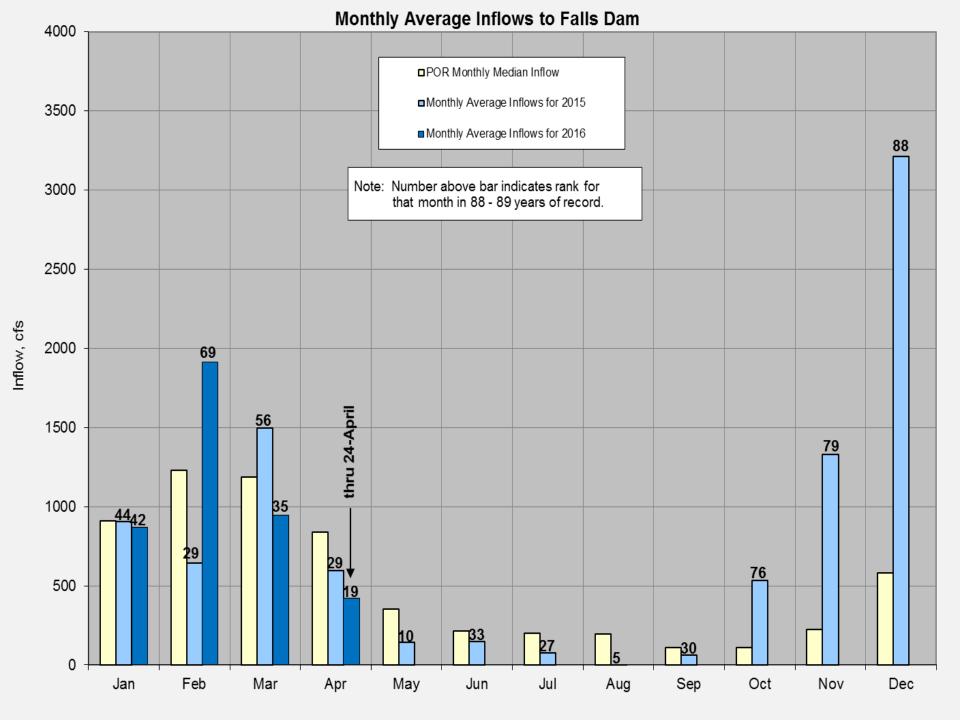
Michael A (Tony) Young, P.E.
Water Management Chief
Corps of Engineers, Wilmington District
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Wilmington, NC 28403

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(910) 251 - 4455







Monthly Average Inflows to B. Everett Jordan

