Corps of Engineers Reservoirs Status

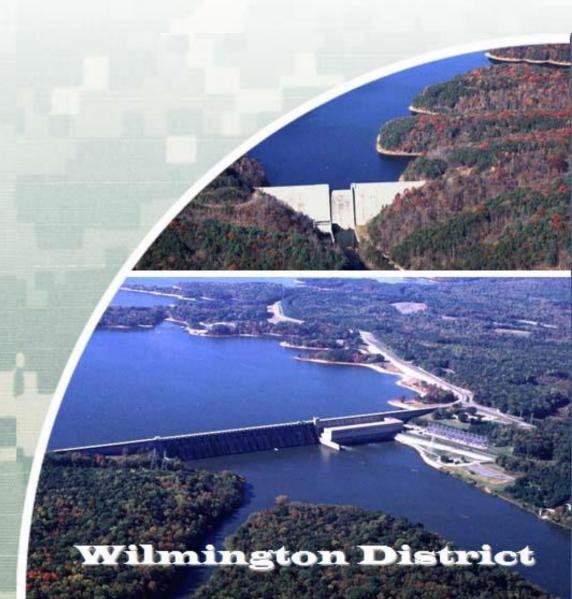
Michael A (Tony) Young, P.E. Water Management Chief

NC DMAC Annual Meeting Raleigh, NC

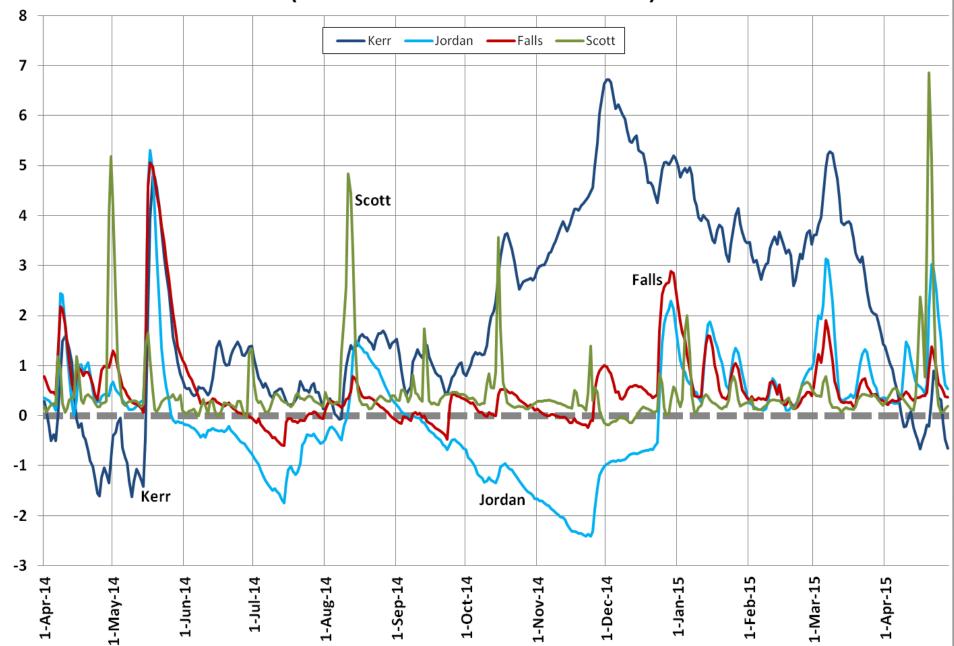
30 April 2015







Corps Reservoir Levels Since 1-Apr-2014 (Feet Above or Below Guide Curve)



27 Apr 2015 Weekly Status Report

Reservoir Summaries:

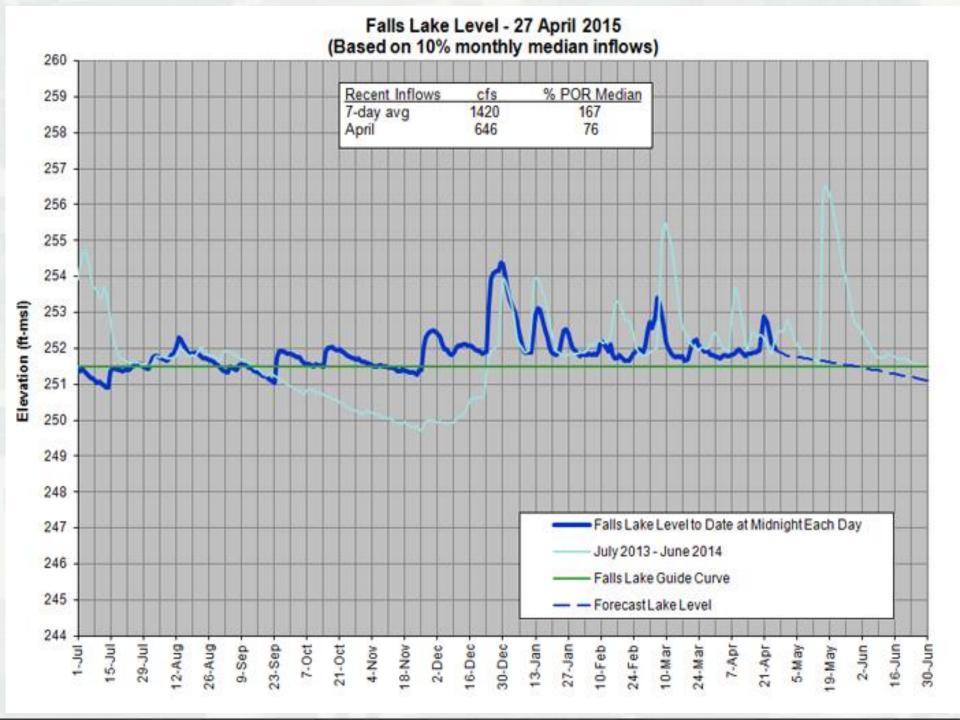
	27-Apr-15	Guide Curve (ft-msl)	Forecast 04-May-15 Elevation (ft-msl)	Average N	let Inflows	Rainfall at Dam	
Reservoir	0800 Elev (ft-msl)			7-day cfs (% median)	Apr cfs (% median)	7-day (inches)	Apr (inches)
Falls	251.93	251.5	251.8	1420 (167%)	646 (76%)	1.26	3.89
Jordan	216.76	216.0	216.3	4225 (197%)	2324 (108%)	0.39	5.71
Scott	1030.09	1030.0	1030.2	1715 (245%)	976 (139%)	0.25	4.22
Kerr	301.80	302.0	300.5	16,343 (151%)	9131 (84%)	0.24	3.23
Philpott	977.06	973.5	974.8	993 (257%)	473 (122%)	0.49	3.71

Reservoir	Current Flood Storage Percent Remaining	Current Water Quality Percent Remaining	Forecast 80% WQ Remaining	Forecast 60% WQ Remaining	Current Water Supply or Dependable Power Pool % Remaining		Forecast 80% WS or DPP Remaining	Forecast 60% WS or DPP Remaining	
Falls	97	100	*	*	100		*	*	
Jordan	98	100	*	*		100		*	*
Scott	100					100	·	*	*
Kerr	93					100		*	*
Philpott	75					100		*	*

NOTE: Water Quality, Water Supply, and Dependable Power Pool forecasts extend through end of Jun 2015.

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

JH Kerr Lake Level Forecast -- 27 April 2015 (Based on 50% monthly median inflows) 310 Recent Inflows CFS % of Median 309 16,343 151% 7-day average 12,000 cfs 84% April (month-to-date) 9.131 308 8000 cfs 307 6000 cfs 306 4400 cfs 305 rel=inflows (~3000 cfs) 304 303 302 Elevation, ft-msl 301 300 299 298 297 296 295 Guide Curve 294 Drought Alert Curve 293 Drought Warning / Interchange Curve Bottom of Dependable Power Capacity Pool 292 Generally expected climatic conditions are reflected in lake level forecasts; July 2013 - June 2014 however, actual lake levels may vary significantly from forecast levels shown ForecastLake Level 291 due to future rainfall events and actual hydropower operations. Recorded Kerr Lake Level 290 21-Oct 2-Dec 16-Dec 10-Mar 16-Jun 23-Sep 4-Nov 30-Dec 24-Mar 26-Aug 9-Sep 7-0ct 18-Nov 10-Feb 24-Feb 5-May 19-May



Falls Lake Water Quality Storage Remaining -- 27 April 2015 110.0 100.0 90.0 80.0 Percent 70.0 60.0 50.0 July 2013 - June 2014 40.0

Forecasted WQ remaining

30.0

12-Jul 23-Jul 3-Aug 14-Aug 25-Aug 5-Sep 16-Sep -27-Sep 8-Oct 19-Oct 30-0ct 10-Nov 21-Nov 2-Dec 13-Dec 24-Dec

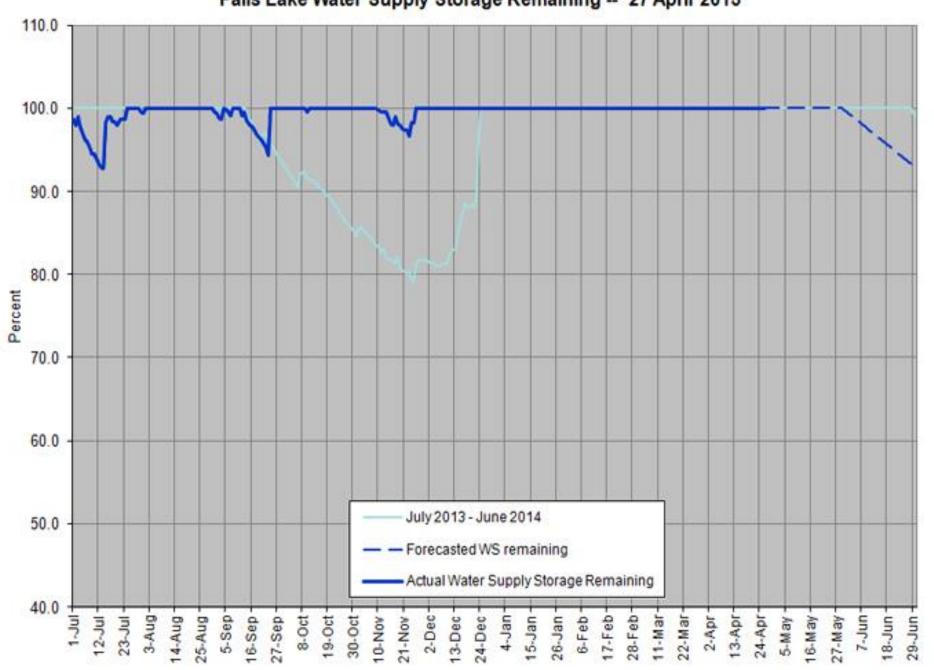
Actual WQ Storage Remaining

4-Jan 15-Jan 26-Jan 6-Feb 28-Feb 11-Mar 22-Mar 2-Apr 13-Apr 24-Apr 5-May 16-May 29-Jun -

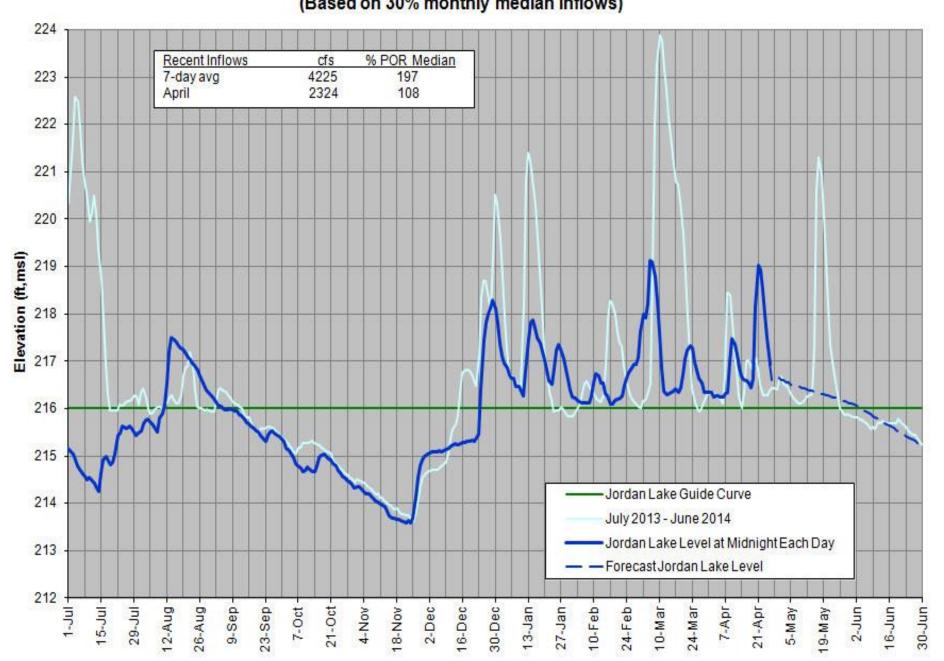
18-Jun

27-May

Falls Lake Water Supply Storage Remaining -- 27 April 2015



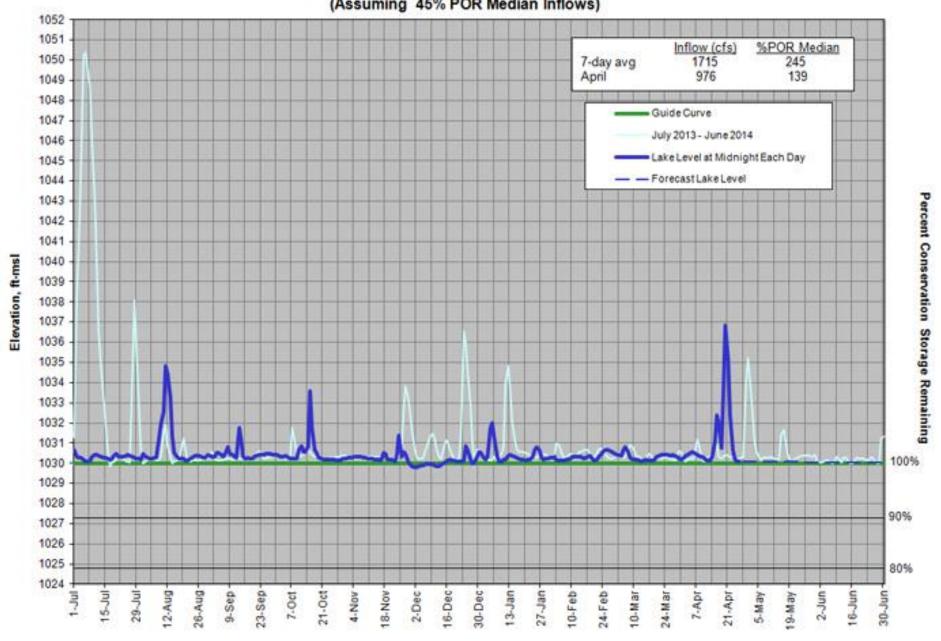
Jordan Lake Level -- 27 April 2015 (Based on 30% monthly median inflows)



Jordan Lake Water Quality Storage Remaining -- 26 April 2015 (Based on 30% monthly median inflows)



W.Kerr Scott Lake Level - 27 April 2015 (Assuming 45% POR Median Inflows)



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