

Corps Water Management Weekly Status Report – 26 June 2017

Weather Summary:

Substantial rainfall at our piedmont projects again this week, with 2.5 inches or more at Jordan and Kerr. Little or no rain expected across the District this week; however, rainfall chances improve for the remainder of the 2-week outlook. Longer term, the July and Jul-Aug-Sep outlooks both show equal chances for below-, near- and above-normal rainfall and above-normal temps.

Tropical Activity: No tropical cyclone activity of concern at this time.

Reservoir Summaries:

Reservoir	26-Jun-17 0800 Elev (ft-msl)	Guide Curve (ft-msl)	Forecast 03-Jul-17 Elevation (ft-msl)	Average Net Inflows		Rainfall at Dam	
				7-day cfs (% median)	June cfs (% median)	7-day (inches)	June (inches)
Falls	252.74	251.5	251.8	3388 (1583%)	1219 (569%)	1.22	5.51
Jordan	220.11	216.0	217.0	7137 (927%)	2725 (354%)	2.49	4.77
Scott	1030.51	1030.0	1030.3	526 (89%)	546 (92%)	0.79	2.25
Kerr	302.24	301.52	300.5	12,133 (209%)	8298 (143%)	3.12	5.83
Philpott	974.41	973.5	974.2	217 (88%)	263 (107%)	0.44	3.61

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	92	100	*	*	100	*	*
Jordan	88	100	Early Sep	*	100	*	*
Scott	99				100	*	*
Kerr	92				100	*	*
Philpott	97				100	*	*

NOTE: Water Quality, Water Supply, and Power Pool forecasts extend through end of June 2017.

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

Falls: Currently near elev 252.7 ft (1.2 ft above guide curve) and falling. Releases currently near 3100 cfs. Clayton is currently near 3800 cfs.

Jordan: Currently near elev 220.0 ft (4.0 ft above guide curve) and falling. Outflow is 6900 cfs and will likely hold for the better part of this week. Lillington is currently near 8100 cfs and steady.

W. Kerr Scott: Currently near elev 1030.5 ft (0.5 ft above guide curve) and slowly falling. Releases currently near 470 cfs. Wilkesboro is currently near 685 cfs and falling slowly.

Kerr/Philpott: Kerr is currently near elev 302.2 (0.7 ft above falling guide curve). This week's energy declaration for Kerr supports a 7-day average release of 14,000 cfs. Lake levels could be near 300.5 ft by Friday. Releases next week expected to be near 4000-5000 cfs.

Philpott is currently near elev 974.4 ft (0.9 feet above guide curve). Releasing about 150 cfs through sluice gate/low-flow valve. Full plant outage expected to last through August.