

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS SOUTH ATLANTIC DIVISION				DAILY REPORT ROANOKE RIVER RESERVOIRS				WILMINGTON DISTRICT		
PREPARED BY: EDWARD WOODLEY (STATION)				DATE: 19JUN2018 , TUESDAY				FILE NUMBER B9.9 (RR)		
CLIMATOLOGICAL DATA AS OF 0800 TODAY				J.H. KERR	PHILPOTT	ROANOKE RAPIDS				
TEMP (DEG,F): MAX IN LAST 24 HRS.....				96	99					
MIN IN LAST 24 HRS.....				76	73					
RAINFALL (IN): AT DAM IN LAST 24 HRS....				0.00	0.00	0.00				
BASIN AVG LAST 24 HRS....				0.00						
FORECAST NEXT 24 HRS.....				0.00- .25						
FORECAST 2nd 24 HOURS....				0.00- .25						
RESERVOIR DATA				J.H. KERR	PHILPOTT	ISLAND CREEK	SMITH MOUNTAIN	LEESVILLE	LAKE GASTON	ROANOKE RAPIDS
ELEV., FT. MSL. : 2400 YESTERDAY.....				302.04	974.02	258.20	793.81	610.23	199.85	129.90
0800 TODAY.....				302.06	974.04	258.30			199.97	129.50
0800 TOMORROW.....				301.80	973.90					
GUIDE CURVE.....				301.84	973.50					
MAXIMUM(OBS OR FORECAST)										
DATE AND TIME OF MAXIMUM										
SEVEN DAY FORECAST.....				301.50						
FORECAST DATE.....				26JUN2018						
AVG. INFLOW, CFS: 0001-0800 TODAY.....				1597	119					
YESTERDAY.....				2841	108					
EXPECTED TODAY.....				2500	100					
MAXIMUM(OBS OR FORECAST)										
DATE AND TIME OF MAXIMUM										
AVG. OUTFLOW, CFS: 0001-0800 TODAY.....				0	31					
YESTERDAY.....				4438	314			683	3717	5178
YESTERDAY THRU TURBINES.				4438	314					
EXPECTED TODAY.....				9500	350					
NOTE: 1. AVERAGE FLOWS ARE FOR 24-HOUR PERIODS ENDING AT MIDNIGHT ON ROWS INDICATED, 'YESTERDAY.'										
2. PREDICTED ELEVATIONS ARE BASED ON NORMAL POWER GENERATION AND PRECIPITATION TO DATE.										
DOWNSTREAM CONTROL GAGE DATA				BASSETT		ALTAVISTA		ROANOKE RAPIDS		
GAGE HEIGHT, FEET: 2400 YESTERDAY.....				2.59		3.55		3.61		
0800 TODAY.....				1.51				3.55		
KERR POWER DATA (MWH) - YESTERDAY						PHILPOTT POWER DATA (MWH) - YESTERDAY				
GROSS GEN.	NET TO KERR	NET FROM KERR	CP&L	VPCO	PROJECT USE	GROSS GEN.	MIN REL	NET FROM PHILPOTT	PROJECT USE	
757.0	11.0	749.0	0.0	745.0	4.0	89.406	5.0	88.0	0.0	VPCO: 88.0

RESERVOIR REGULATION SECTION YADKIN, CAPE FEAR, AND NEUSE RIVER RESERVOIRS												
PROJECT NAME	RAIN (IN)	WATER SUPPLY (CFS)	ELEVATION (FT,MSL)			INFLOW (CFS)		OUTFLOW (CFS)		AIR TEMPS (DEG, F)		LAKE TEMP
			YESTDA 12 MID	TODAY 8 AM	GUIDE CURVE	YESTDA TOTAL	TODAY MD-8AM	YESTDA TOTAL	CURRENT OUTFLOW	MAX	MIN	DEG F
B.E. JORDAN	0.00	48	216.04	216.03	216.0	12	328	328	328	93	74	85
FALLS LAKE	0.00	75	251.78	251.78	251.5	268	153	193	153	N/A	N/A	84
KERR SCOTT	0.00	N/A	1030.36	1030.34	1030.0	767	N/A	775	772	92	69	87
AIRPORT PRECIPITATION (IN) FOR THE PAST 24 HOURS AS OF 8AM EDT AT THE FOLLOWING RAIN GAGE LOCATIONS:												
LYNCHBURG, Va	0.00	GREENSBORO, Nc	0.00	RALEIGH, Nc	0.00	ROANOKE, Va	0.00	DANVILLE, Va	0.00			