

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS SOUTH ATLANTIC DIVISION		DAILY REPORT ROANOKE RIVER RESERVOIRS					WILMINGTON DISTRICT		
PREPARED BY: Daniel Emerson (STATION)		DATE: 20JUL2018 , FRIDAY					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.....		89	89						
MIN IN LAST 24 HRS.....		64	65						
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.....		.50- .75							
FORECAST 2nd 24 HOURS....		.50- .75							
RESERVOIR DATA		J.H. KERR	PHILPOTT	ISLAND CREEK	SMITH MOUNTAIN	LEESVILLE	LAKE GASTON	ROANOKE RAPIDS	
ELEV., FT. MSL. : 2400 YESTERDAY.....		300.25	972.26	258.00	793.07	611.24	199.76	129.20	
0800 TODAY.....		300.27	972.26	258.00			199.74	128.90	
0800 TOMORROW.....		300.20	972.10						
GUIDE CURVE.....		300.59	973.50						
MAXIMUM(OBS OR FORECAST)									
DATE AND TIME OF MAXIMUM									
SEVEN DAY FORECAST.....		299.80							
FORECAST DATE.....		27JUL2018							
AVG. INFLOW, CFS: 0001-0800 TODAY.....		1595	35						
YESTERDAY.....		2105	46						
EXPECTED TODAY.....		2100	90						
MAXIMUM(OBS OR FORECAST)									
DATE AND TIME OF MAXIMUM									
AVG. OUTFLOW, CFS: 0001-0800 TODAY.....		67	35			1451	450	2560	
YESTERDAY.....		68	219						
YESTERDAY THRU TURBINES.		68	219						
EXPECTED TODAY.....		3600	190						
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.....			1.65	6.73			3.21		
0800 TODAY.....			1.50				3.21		
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
7.6	16.0	8.0	0.0	0.0	8.0	61.416	7.0	60.0	0.0
						VPCO:	60.0		

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 DEG F
			YESTDA 12 MID	TODAY 8 AM	GUIDE CURVE	YESTDA TOTAL	TODAY MD-8AM	YESTDA TOTAL	CURRENT OUTFLOW	MAX	MIN	
B.E. JORDAN	0.00	53	214.70	214.68	216.0	-125	473	475	473	88	69	87
FALLS LAKE	0.00	73	250.57	250.55	251.5	-98	-56	180	180	N/A	N/A	85
KERR SCOTT	0.00	N/A	1030.39	1030.38	1030.0	482	N/A	495	495	81	67	85
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			

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