

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS SOUTH ATLANTIC DIVISION		DAILY REPORT ROANOKE RIVER RESERVOIRS					WILMINGTON DISTRICT		
PREPARED BY: ASHLEY HATCHELL (STATION)		DATE: 16FEB2018 , 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.....		70	72						
MIN IN LAST 24 HRS.....		56	52						
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....		.25- .50							
RESERVOIR DATA		J.H. KERR	PHILPOTT	ISLAND CREEK	SMITH MOUNTAIN	LEESVILLE	LAKE GASTON	ROANOKE RAPIDS	
ELEV., FT. MSL. : 2400 YESTERDAY.....		300.26	973.60	258.80	794.21	608.04	199.70	130.90	
0800 TODAY.....		300.36	973.62	258.20			199.76	130.60	
0800 TOMORROW.....		300.50	973.70						
GUIDE CURVE.....		295.50	972.00						
MAXIMUM(OBS OR FORECAST) DATE AND TIME OF MAXIMUM									
SEVEN DAY FORECAST.....		300.00							
FORECAST DATE.....		23FEB2018							
AVG. INFLOW, CFS: 0001-0800 TODAY.....		7638	296						
YESTERDAY.....		7969	317						
EXPECTED TODAY.....		7000	250						
MAXIMUM(OBS OR FORECAST) DATE AND TIME OF MAXIMUM									
AVG. OUTFLOW, CFS: 0001-0800 TODAY.....		0	209						
YESTERDAY		2368	171			1269	2500	2271	
YESTERDAY THRU TURBINES.		2368	150						
EXPECTED TODAY.....		2000	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.....			1.87		3.69		3.03		
0800 TODAY.....			1.62				3.02		
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
396.0	23.0	387.0	0.0	387.0	0.0	41.496	2.0	40.0	1.0
						VPCO:	40.0		

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	31	217.75	217.74	216.0	830	2284	1990	1988	77	60	
FALLS LAKE	0.00	65	250.55	250.55	251.5	365	66	66	66	N/A	N/A	48
KERR SCOTT	0.01	N/A	1033.23	1032.57	1030.0	1118	N/A	2797	2749	76	52	50
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			