

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS SOUTH ATLANTIC DIVISION		DAILY REPORT ROANOKE RIVER RESERVOIRS					WILMINGTON DISTRICT		
PREPARED BY: EDWARD WOODLEY (STATION)		DATE: 16NOV2018 , 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.....		42	37						
MIN IN LAST 24 HRS.....		37	32						
RAINFALL (IN): AT DAM IN LAST 24 HRS....		0.78	0.29					0.83	
BASIN AVG LAST 24 HRS....		0.42							
FORECAST NEXT 24 HRS.....		0.00- 0.00							
FORECAST 2nd 24 HOURS....		0.00- 0.00							
RESERVOIR DATA		J.H. KERR	PHILPOTT	ISLAND CREEK	SMITH MOUNTAIN	LEESVILLE	LAKE GASTON	ROANOKE RAPIDS	
ELEV., FT. MSL. : 2400 YESTERDAY.....		307.13	975.34	269.20	794.98	611.84	200.25	131.50	
0800 TODAY.....		307.62	975.60	269.20			200.22	131.70	
0800 TOMORROW.....		309.00	976.00						
GUIDE CURVE.....		297.00	971.50						
MAXIMUM(OBS OR FORECAST)									
DATE AND TIME OF MAXIMUM									
SEVEN DAY FORECAST.....		307.50							
FORECAST DATE.....		23NOV2018							
AVG. INFLOW, CFS: 0001-0800 TODAY.....		65440	1437						
YESTERDAY.....		78961	2072						
EXPECTED TODAY.....		65000	1200						
MAXIMUM(OBS OR FORECAST)									
DATE AND TIME OF MAXIMUM									
AVG. OUTFLOW, CFS: 0001-0800 TODAY.....		22084	273			6010	20692	23367	
YESTERDAY.....		20737	475						
YESTERDAY THRU TURBINES.		20737	475						
EXPECTED TODAY.....		24000	500						
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.....		3.40		14.62		9.01			
0800 TODAY.....		3.13				8.99			
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
3748.2	0.0	3690.0	0.0	3690.0	0.0	135.791	0.0	134.0	0.0
						VPCO: 134.0			

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	0.68	37	229.92	230.64	216.0	18133	27056	228	230	43	34	62
FALLS LAKE	0.44	60	259.69	260.05	251.5	7615	9878	104	105	N/A	N/A	-99
KERR SCOTT	1.57	N/A	1036.58	1037.30	1030.0	3647	N/A	679	691	37	32	56
AIRPORT PRECIPITATION (IN) FOR THE PAST 24 HOURS AS OF 8AM EDT AT THE FOLLOWING RAIN GAGE LOCATIONS:												
LYNCHBURG, Va	.21	GREENSBORO, Nc	.89	RALEIGH, Nc	.60	ROANOKE, Va	.29	DANVILLE, Va	.34			