

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS SOUTH ATLANTIC DIVISION		DAILY REPORT ROANOKE RIVER RESERVOIRS					WILMINGTON DISTRICT		
PREPARED BY: EDWARD WOODLEY (STATION)		DATE: 18AUG2018 , SATURDAY					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.....		95	92						
MIN IN LAST 24 HRS.....		78	70						
RAINFALL (IN): AT DAM IN LAST 24 HRS....		0.00	0.00					0.03	
BASIN AVG LAST 24 HRS....		0.00							
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.....		299.66	971.76	258.10	793.42	611.13	199.63	131.00	
0800 TODAY.....		299.69	971.76	258.10			199.59	130.40	
0800 TOMORROW.....		0.00	0.00						
GUIDE CURVE.....		299.50	972.94						
MAXIMUM(OBS OR FORECAST)									
DATE AND TIME OF MAXIMUM									
SEVEN DAY FORECAST.....		0.00							
FORECAST DATE.....		25AUG2018							
AVG. INFLOW, CFS: 0001-0800 TODAY.....		2236	36						
YESTERDAY.....		1748	73						
EXPECTED TODAY.....		0	0						
MAXIMUM(OBS OR FORECAST)									
DATE AND TIME OF MAXIMUM									
AVG. OUTFLOW, CFS: 0001-0800 TODAY.....		8	36						
YESTERDAY.....		14493	271			680	14567	13293	
YESTERDAY THRU TURBINES.		14493	271						
EXPECTED TODAY.....		0	0						
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.....		2.84		2.06		4.37			
0800 TODAY.....		2.84				4.31			
KERR POWER DATA (MWH) - YESTERDAY		PROJECT				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
2433.0	6.0	2397.0	0.0	2397.0	0.0	76.262	0.0	75.0	0.0
						VPCO:	75.0		

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	46	216.94	216.85	216.0	357	527	4098	2516	90	73	86
FALLS LAKE	0.00	67	251.80	251.79	251.5	-86	-336	98	97	N/A	N/A	87
KERR SCOTT	0.99	N/A	1030.34	1030.45	1030.0	603	N/A	462	399	91	66	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			

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS SOUTH ATLANTIC DIVISION		DAILY REPORT ROANOKE RIVER RESERVOIRS					WILMINGTON DISTRICT		
PREPARED BY: EDWARD WOODLEY (STATION)		DATE: 19AUG2018 , SUNDAY					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.....		92	81						
MIN IN LAST 24 HRS.....		74	68						
RAINFALL (IN): AT DAM IN LAST 24 HRS....		1.33	0.05					2.17	
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.....		299.67	971.74	258.20	793.65	610.53	199.92	131.70	
0800 TODAY.....		299.74	971.76	258.30			200.02	131.60	
0800 TOMORROW.....		0.00	0.00						
GUIDE CURVE.....		299.50	972.91						
MAXIMUM(OBS OR FORECAST)									
DATE AND TIME OF MAXIMUM									
SEVEN DAY FORECAST.....		0.00							
FORECAST DATE.....		26AUG2018							
AVG. INFLOW, CFS: 0001-0800 TODAY.....		5264	117						
YESTERDAY.....		6571	115						
EXPECTED TODAY.....		0	0						
MAXIMUM(OBS OR FORECAST)									
DATE AND TIME OF MAXIMUM									
AVG. OUTFLOW, CFS: 0001-0800 TODAY.....		66	32						
YESTERDAY.....		6323	143			682	5125	4846	
YESTERDAY THRU TURBINES.		6323	143						
EXPECTED TODAY.....		0	0						
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.....			2.84		2.06		4.35		
0800 TODAY.....			2.84				3.61		
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
1051.0	14.0	1030.0	0.0	1027.0	3.0	39.201	8.0	38.0	0.0
						VPCO: 38.0			

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	2.22	44	216.79	216.75	216.0	1008	1184	2054	1724	87	72	86
FALLS LAKE	0.35	67	251.78	251.82	251.5	39	164	97	97	N/A	N/A	84
KERR SCOTT	0.82	N/A	1030.79	1030.95	1030.0	497	N/A	800	619	82	68	84
AIRPORT PRECIPITATION (IN) FOR THE PAST 24 HOURS AS OF 8AM EDT AT THE FOLLOWING RAIN GAGE LOCATIONS:												
LYNCHBURG, Va	.15	GREENSBORO, Nc	.49	RALEIGH, Nc	.51	ROANOKE, Va	.87	DANVILLE, Va	.87			

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS SOUTH ATLANTIC DIVISION		DAILY REPORT ROANOKE RIVER RESERVOIRS					WILMINGTON DISTRICT		
PREPARED BY: EDWARD WOODLEY (STATION)		DATE: 20AUG2018 , MONDAY					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	86						
MIN IN LAST 24 HRS.....		73	69						
RAINFALL (IN): AT DAM IN LAST 24 HRS....		0.21	0.00					0.53	
BASIN AVG LAST 24 HRS....		0.42							
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.....		299.94	971.70	258.50	794.03	607.84	199.89	131.00	
0800 TODAY.....		300.00	971.74	258.00			199.90	130.30	
0800 TOMORROW.....		300.20	971.60						
GUIDE CURVE.....		299.50	972.88						
MAXIMUM(OBS OR FORECAST)									
DATE AND TIME OF MAXIMUM									
SEVEN DAY FORECAST.....		299.50							
FORECAST DATE.....		27AUG2018							
AVG. INFLOW, CFS: 0001-0800 TODAY.....		4521	201						
YESTERDAY.....		6750	79						
EXPECTED TODAY.....		7000	90						
MAXIMUM(OBS OR FORECAST)									
DATE AND TIME OF MAXIMUM									
AVG. OUTFLOW, CFS: 0001-0800 TODAY.....		65	31						
YESTERDAY.....		66	136			677	2267	4776	
YESTERDAY THRU TURBINES.		66	136						
EXPECTED TODAY.....		2500	245						
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.....		2.84		2.15		4.86			
0800 TODAY.....		2.84				4.44			
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
7.1	18.0	3.0	0.0	0.0	3.0	38.170	7.0	37.0	0.0
						VPCO:	37.0		

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	0.41	41	216.83	217.12	216.0	1619	5800	1288	561	85	69	86
FALLS LAKE	1.16	67	251.94	251.98	251.5	1165	850	97	98	N/A	N/A	86
KERR SCOTT	0.02	N/A	1030.84	1030.72	1030.0	761	N/A	795	100	83	69	84
AIRPORT PRECIPITATION (IN) FOR THE PAST 24 HOURS AS OF 8AM EDT AT THE FOLLOWING RAIN GAGE LOCATIONS:												
LYNCHBURG, Va	.94	GREENSBORO, Nc	.50	RALEIGH, Nc	2.27	ROANOKE, Va	.04	DANVILLE, Va	.37			