

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS SOUTH ATLANTIC DIVISION		DAILY REPORT ROANOKE RIVER RESERVOIRS					WILMINGTON DISTRICT		
PREPARED BY: EDWARD WOODLEY (STATION)		DATE: 16FEB2019 , 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.....		65	61						
MIN IN LAST 24 HRS.....		48	41						
RAINFALL (IN): AT DAM IN LAST 24 HRS....		0.00	0.18					0.00	
BASIN AVG LAST 24 HRS....		0.02							
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.....		297.30	973.72	258.20	793.97	606.73	199.88	127.50	
0800 TODAY.....		297.40	973.70	258.40			199.77	127.00	
0800 TOMORROW.....		0.00	0.00						
GUIDE CURVE.....		295.50	972.00						
MAXIMUM(OBS OR FORECAST)									
DATE AND TIME OF MAXIMUM									
SEVEN DAY FORECAST.....		0.00							
FORECAST DATE.....		23FEB2019							
AVG. INFLOW, CFS: 0001-0800 TODAY.....		7245	546						
YESTERDAY.....		15343	524						
EXPECTED TODAY.....		0	0						
MAXIMUM(OBS OR FORECAST)									
DATE AND TIME OF MAXIMUM									
AVG. OUTFLOW, CFS: 0001-0800 TODAY.....		197	633						
YESTERDAY.....		5560	641			2130	4500	6886	
YESTERDAY THRU TURBINES.		5560	641						
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.....		2.97		3.68		3.84			
0800 TODAY.....		3.00				3.66			
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
950.2	1.0	916.0	0.0	916.0	0.0	184.964	3.0	183.0	0.0
						VPCO: 183.0			

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	0.58	33	216.42	216.43	216.0	1600	1160	3456	3452	66	47	54
FALLS LAKE	0.45	60	251.87	251.88	251.5	701	741	578	681	N/A	N/A	48
KERR SCOTT	0.30	N/A	1030.10	1030.12	1030.0	981	N/A	981	981	60	44	48
AIRPORT PRECIPITATION (IN) FOR THE PAST 24 HOURS AS OF 8AM EDT AT THE FOLLOWING RAIN GAGE LOCATIONS:												
LYNCHBURG, Va	0.00	GREENSBORO, Nc	.04	RALEIGH, Nc	.08	ROANOKE, Va	.06	DANVILLE, Va	.02			

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS SOUTH ATLANTIC DIVISION		DAILY REPORT ROANOKE RIVER RESERVOIRS					WILMINGTON DISTRICT		
PREPARED BY: EDWARD WOODLEY (STATION)		DATE: 17FEB2019 , 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.....		48	47						
MIN IN LAST 24 HRS.....		30	31						
RAINFALL (IN): AT DAM IN LAST 24 HRS....		0.28	0.16					0.35	
BASIN AVG LAST 24 HRS....		0.35							
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.....		297.61	973.68	259.20	794.45	603.42	199.90	127.70	
0800 TODAY.....		297.75	973.66	259.20			200.00	127.20	
0800 TOMORROW.....		0.00	0.00						
GUIDE CURVE.....		295.50	972.04						
MAXIMUM(OBS OR FORECAST)									
DATE AND TIME OF MAXIMUM									
SEVEN DAY FORECAST.....		0.00							
FORECAST DATE.....		24FEB2019							
AVG. INFLOW, CFS: 0001-0800 TODAY.....		10045	548						
YESTERDAY.....		13488	584						
EXPECTED TODAY.....		0	0						
MAXIMUM(OBS OR FORECAST)									
DATE AND TIME OF MAXIMUM									
AVG. OUTFLOW, CFS: 0001-0800 TODAY.....		177	635						
YESTERDAY.....		6205	642			2728	5625	5954	
YESTERDAY THRU TURBINES.		6205	642						
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.....			3.00		4.94		4.42		
0800 TODAY.....			3.00				3.67		
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
1048.3	7.0	1018.0	0.0	1016.0	2.0	185.189	3.0	182.0	0.0
						VPCO: 182.0			

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	0.30	33	216.29	216.26	216.0	2541	2902	3452	3450	59	35	54
FALLS LAKE	0.27	60	251.95	252.00	251.5	1242	1477	681	682	N/A	N/A	49
KERR SCOTT	0.01	N/A	1030.19	1030.19	1030.0	1041	N/A	982	982	60	38	47
AIRPORT PRECIPITATION (IN) FOR THE PAST 24 HOURS AS OF 8AM EDT AT THE FOLLOWING RAIN GAGE LOCATIONS:												
LYNCHBURG, Va	.27	GREENSBORO, Nc	.18	RALEIGH, Nc	.37	ROANOKE, Va	.38	DANVILLE, Va	.45			

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS SOUTH ATLANTIC DIVISION		DAILY REPORT ROANOKE RIVER RESERVOIRS					WILMINGTON DISTRICT		
PREPARED BY: EDWARD WOODLEY (STATION)		DATE: 18FEB2019 , 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.....		42	39						
MIN IN LAST 24 HRS.....		31	33						
RAINFALL (IN): AT DAM IN LAST 24 HRS....		1.11	0.45					0.98	
BASIN AVG LAST 24 HRS....		0.29							
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.....		297.91	973.66	259.90	794.36	603.72	199.72	128.90	
0800 TODAY.....		298.22	973.66	261.20			199.89	127.50	
0800 TOMORROW.....		0.00	0.00						
GUIDE CURVE.....		295.50	972.08						
MAXIMUM(OBS OR FORECAST)									
DATE AND TIME OF MAXIMUM									
SEVEN DAY FORECAST.....		0.00							
FORECAST DATE.....		25FEB2019							
AVG. INFLOW, CFS: 0001-0800 TODAY.....		34745	634						
YESTERDAY.....		14537	614						
EXPECTED TODAY.....		0	0						
MAXIMUM(OBS OR FORECAST)									
DATE AND TIME OF MAXIMUM									
AVG. OUTFLOW, CFS: 0001-0800 TODAY.....		12496	634						
YESTERDAY.....		7489	643			4295	13625	8409	
YESTERDAY THRU TURBINES.		7489	643						
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.....		3.01		6.29		7.97			
0800 TODAY.....		3.07				7.97			
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
1277.0	4.0	1239.0	0.0	1239.0	0.0	185.393	3.0	183.0	0.0
						VPCO: 183.0			

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	0.38	33	216.25	216.27	216.0	3192	3483	3449	3448	39	32	54
FALLS LAKE	0.42	45	252.10	252.42	251.5	1702	6034	682	683	N/A	N/A	48
KERR SCOTT	0.53	N/A	1030.26	1030.41	1030.0	1028	N/A	982	983	42	35	47
AIRPORT PRECIPITATION (IN) FOR THE PAST 24 HOURS AS OF 8AM EDT AT THE FOLLOWING RAIN GAGE LOCATIONS:												
LYNCHBURG, Va	.68	GREENSBORO, Nc	1.09	RALEIGH, Nc	.66	ROANOKE, Va	.74	DANVILLE, Va	.76			

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS SOUTH ATLANTIC DIVISION		DAILY REPORT ROANOKE RIVER RESERVOIRS					WILMINGTON DISTRICT		
PREPARED BY: EDWARD WOODLEY (STATION)		DATE: 19FEB2019 , 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.....		63	54						
MIN IN LAST 24 HRS.....		31	28						
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.....		298.70	973.66	263.90	794.31	603.03	199.92	128.90	
0800 TODAY.....		299.07	973.64	263.60			199.65	127.40	
0800 TOMORROW.....		300.00	973.50						
GUIDE CURVE.....		295.50	972.12						
MAXIMUM(OBS OR FORECAST)									
DATE AND TIME OF MAXIMUM									
SEVEN DAY FORECAST.....		298.00							
FORECAST DATE.....		26FEB2019							
AVG. INFLOW, CFS: 0001-0800 TODAY.....		32562	548						
YESTERDAY.....		32347	642						
EXPECTED TODAY.....		36000	500						
MAXIMUM(OBS OR FORECAST)									
DATE AND TIME OF MAXIMUM									
AVG. OUTFLOW, CFS: 0001-0800 TODAY.....		5674	635						
YESTERDAY.....		13363	642			5559	14750	17988	
YESTERDAY THRU TURBINES.		13363	642						
EXPECTED TODAY.....		15000	640						
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.....			3.02		7.39		7.97		
0800 TODAY.....			3.02				7.94		
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
2234.5	2.0	2188.0	0.0	2186.0	2.0	185.243	3.0	183.0	0.0
						VPCO: 183.0			

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	35	217.48	217.82	216.0	12518	11230	3460	3486	68	36	54
FALLS LAKE	0.00	53	253.35	253.60	251.5	9117	6490	687	692	N/A	N/A	48
KERR SCOTT	0.03	N/A	1030.53	1030.56	1030.0	1165	N/A	984	984	52	30	47
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			