

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS SOUTH ATLANTIC DIVISION		DAILY REPORT ROANOKE RIVER RESERVOIRS					WILMINGTON DISTRICT					
PREPARED BY: EDWARD WOODLEY (STATION)		DATE: 5OCT2024 , 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.....		82	76									
MIN IN LAST 24 HRS.....		65	62									
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- 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.....		304.82	970.40	258.10	793.05	609.73	199.57	128.70				
0800 TODAY.....		304.65	970.44	258.10			199.77	127.90				
0800 TOMORROW.....		0.00	0.00									
GUIDE CURVE.....		299.24	971.50									
MAXIMUM(OBS OR FORECAST) DATE AND TIME OF MAXIMUM												
SEVEN DAY FORECAST.....		0.00										
FORECAST DATE.....		12OCT2024										
AVG. INFLOW, CFS: 0001-0800 TODAY.....		5471	243									
YESTERDAY.....		8111	243									
EXPECTED TODAY.....		0	0									
MAXIMUM(OBS OR FORECAST) DATE AND TIME OF MAXIMUM												
AVG. OUTFLOW, CFS: 0001-0800 TODAY.....		19613	74									
YESTERDAY .....		19619	74			1741	20400	20254				
YESTERDAY THRU TURBINES.		19619	0									
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.....			1.67		3.00		8.38					
0800 TODAY.....			1.67				8.35					
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			
3567.2	0.0	3497.0	0.0	3497.0	0.0	VPCO: 0.0	0.0	0.0	0.0			

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
FALLS LAKE	0.00	85	256.66	256.50	251.5	208	646	4951	4933	N/A	N/A	76
KERR SCOTT	0.03	N/A	1044.15	1043.07	1030.0	874	N/A	4559	4486	81	64	79
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: 6OCT2024 , 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.....		84	84									
MIN IN LAST 24 HRS.....		62	59									
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- 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.....		304.26	970.50	258.30	792.96	610.53	199.60	128.70				
0800 TODAY.....		304.06	970.54	258.40			199.87	128.10				
0800 TOMORROW.....		0.00	0.00									
GUIDE CURVE.....		299.18	971.50									
MAXIMUM(OBS OR FORECAST) DATE AND TIME OF MAXIMUM												
SEVEN DAY FORECAST.....		0.00										
FORECAST DATE.....		13OCT2024										
AVG. INFLOW, CFS: 0001-0800 TODAY.....		6795	243									
YESTERDAY.....		4095	215									
EXPECTED TODAY.....		0	0									
MAXIMUM(OBS OR FORECAST) DATE AND TIME OF MAXIMUM												
AVG. OUTFLOW, CFS: 0001-0800 TODAY.....		23433	74									
YESTERDAY .....		19623	74			1404	19875	19929				
YESTERDAY THRU TURBINES.		19623	0									
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.....			1.67		2.89		8.37					
0800 TODAY.....			1.67				8.35					
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			
3545.4	0.0	3470.0	0.0	3470.0	0.0	VPCO: 0.0	0.0	0.0	0.0			

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	47	219.06	218.66	216.0	778	551	9771	9694	80	64	
FALLS LAKE	0.00	67	256.06	255.82	251.5	325	-157	4923	4905	N/A	N/A	76
KERR SCOTT	0.00	N/A	1040.56	1039.56	1030.0	859	N/A	4251	3947	84	57	77
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: 7OCT2024 , 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.....		82	82									
MIN IN LAST 24 HRS.....		63	59									
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- 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.....		303.70	970.60	258.50	792.88	610.76	199.71	128.80				
0800 TODAY.....		303.50	970.62	257.90			199.83	128.30				
0800 TOMORROW.....		302.90	970.70									
GUIDE CURVE.....		299.12	971.50									
MAXIMUM(OBS OR FORECAST) DATE AND TIME OF MAXIMUM												
SEVEN DAY FORECAST.....		300.00										
FORECAST DATE.....		14OCT2024										
AVG. INFLOW, CFS: 0001-0800 TODAY.....		3055	158									
YESTERDAY.....		5539	215									
EXPECTED TODAY.....		4500	150									
MAXIMUM(OBS OR FORECAST) DATE AND TIME OF MAXIMUM												
AVG. OUTFLOW, CFS: 0001-0800 TODAY.....		19360	74									
YESTERDAY .....		20901	74			1200	20408	19950				
YESTERDAY THRU TURBINES.		20901	0									
EXPECTED TODAY.....		20000	75									
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.....			1.67		2.62		8.37					
0800 TODAY.....			1.67				8.36					
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			
3743.1	0.0	3667.0	0.0	3667.0	0.0	VPCO: 0.0	0.0	0.0	0.0			

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	47	217.87	217.46	216.0	409	368	9660	9602	81	60	
FALLS LAKE	0.00	76	255.43	255.19	251.5	265	118	4894	4875	N/A	N/A	76
KERR SCOTT	0.00	N/A	1037.46	1036.69	1030.0	853	N/A	3556	3003	82	57	78
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			