

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS SOUTH ATLANTIC DIVISION			DAILY REPORT ROANOKE RIVER RESERVOIRS					WILMINGTON DISTRICT	
PREPARED BY: Daniel Emerson (STATION)			DATE: 12JUN2021 , 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.....			90	83					
MIN IN LAST 24 HRS.....			70	68					
RAINFALL (IN): AT DAM IN LAST 24 HRS....			0.04	0.60					1.00
BASIN AVG LAST 24 HRS....			0.86						
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.....			300.12	973.62	257.90	794.08	609.48	199.95	130.60
0800 TODAY.....			300.21	973.66	258.10			199.96	130.10
0800 TOMORROW.....			0.00	0.00					
GUIDE CURVE.....			302.00	973.50					
MAXIMUM(OBS OR FORECAST)									
DATE AND TIME OF MAXIMUM									
SEVEN DAY FORECAST.....			0.00						
FORECAST DATE.....			19JUN2021						
AVG. INFLOW, CFS: 0001-0800 TODAY.....			6942	390					
YESTERDAY.....			6068	302					
EXPECTED TODAY.....			0	0					
MAXIMUM(OBS OR FORECAST)									
DATE AND TIME OF MAXIMUM									
AVG. OUTFLOW, CFS: 0001-0800 TODAY.....			67	215					
YESTERDAY.....			5559	215			1564	8392	7935
YESTERDAY THRU TURBINES.			5559	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.....				2.27		3.40		5.46	
0800 TODAY.....				2.24				5.43	
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
955.5	8.0	937.0	0.0	934.0	3.0	0.000	0.0	0.0	0.0
						VPCO:	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	1.66	44	216.54	216.57	216.0	2684	1999	1187	1373	86	72	
FALLS LAKE	0.13	64	252.08	252.07	251.5	1483	952	451	624	N/A	N/A	83
KERR SCOTT	0.10	N/A	1030.29	1030.24	1030.0	627	N/A	627	679	84	68	84
AIRPORT PRECIPITATION (IN) FOR THE PAST 24 HOURS AS OF 8AM EDT AT THE FOLLOWING RAIN GAGE LOCATIONS:												
LYNCHBURG, Va	2.62	GREENSBORO, Nc	1.28	RALEIGH, Nc	.14	ROANOKE, Va	.61	DANVILLE, Va	.09			

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U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS SOUTH ATLANTIC DIVISION		DAILY REPORT ROANOKE RIVER RESERVOIRS					WILMINGTON DISTRICT		
PREPARED BY: Daniel Emerson (STATION)		DATE: 13JUN2021 , 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.....	75	80						
	MIN IN LAST 24 HRS.....	66	67						
RAINFALL (IN):	AT DAM IN LAST 24 HRS....	0.01	0.02					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.....	300.08	973.68	258.30	794.24	608.09	199.85	130.40	
	0800 TODAY.....	300.19	973.66	258.40			199.89	130.30	
	0800 TOMORROW.....	0.00	0.00						
	GUIDE CURVE.....	302.00	973.50						
	MAXIMUM(OBS OR FORECAST)								
	DATE AND TIME OF MAXIMUM								
	SEVEN DAY FORECAST.....	0.00							
	FORECAST DATE.....	20JUN2021							
AVG. INFLOW, CFS:	0001-0800 TODAY.....	6471	125						
	YESTERDAY.....	6125	302						
	EXPECTED TODAY.....	0	0						
	MAXIMUM(OBS OR FORECAST)								
	DATE AND TIME OF MAXIMUM								
AVG. OUTFLOW, CFS:	0001-0800 TODAY.....	69	215						
	YESTERDAY.....	7143	215			2156	8358	7952	
	YESTERDAY THRU TURBINES.	7143	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.....	2.21		3.70		5.46			
	0800 TODAY.....	2.20				5.44			
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
1229.9	5.0	1205.0	0.0	1204.0	1.0	0.000	0.0	0.0	0.0
						VPCO:	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	0.02	43	216.67	216.75	216.0	2362	3750	1374	1375	86	62	
FALLS LAKE	0.01	64	252.07	252.05	251.5	622	422	624	624	N/A	N/A	82
KERR SCOTT	0.06	N/A	1030.36	1030.47	1030.0	732	N/A	682	681	80	67	84
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			

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U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS SOUTH ATLANTIC DIVISION				DAILY REPORT ROANOKE RIVER RESERVOIRS				WILMINGTON DISTRICT		
PREPARED BY: Daniel Emerson (STATION)				DATE: 14JUN2021 , 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.....				87	88					
MIN IN LAST 24 HRS.....				66	64					
RAINFALL (IN): AT DAM IN LAST 24 HRS....				0.00	0.49	0.00				
BASIN AVG LAST 24 HRS....				0.20						
FORECAST NEXT 24 HRS.....				0.00-	.25					
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.....				300.35	973.82	258.60	794.92	603.44	199.73	129.70
0800 TODAY.....				300.46	973.90	258.00			199.73	128.50
0800 TOMORROW.....				300.50	974.40					
GUIDE CURVE.....				302.00	973.50					
MAXIMUM(OBS OR FORECAST)										
DATE AND TIME OF MAXIMUM										
SEVEN DAY FORECAST.....				299.50						
FORECAST DATE.....				21JUN2021						
AVG. INFLOW, CFS: 0001-0800 TODAY.....				8471	565					
YESTERDAY.....				9050	419					
EXPECTED TODAY.....				8500	480					
MAXIMUM(OBS OR FORECAST)										
DATE AND TIME OF MAXIMUM										
AVG. OUTFLOW, CFS: 0001-0800 TODAY.....				69	215					
YESTERDAY.....				2176	215			2738	3725	7958
YESTERDAY THRU TURBINES.				2176	0					
EXPECTED TODAY.....				8900	215					
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.....				2.24		4.04		5.42		
0800 TODAY.....				2.27				5.42		
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	
381.8	6.0	373.0	0.0	369.0	4.0	0.000	0.0	0.0	0.0	VPCO: 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	50	216.78	216.81	216.0	2225	1957	1376	1376	81	68	82
FALLS LAKE	0.00	64	252.01	251.97	251.5	290	-391	624	623	N/A	N/A	82
KERR SCOTT	0.34	N/A	1030.45	1030.43	1030.0	720	N/A	781	750	83	64	83
AIRPORT PRECIPITATION (IN) FOR THE PAST 24 HOURS AS OF 8AM EDT AT THE FOLLOWING RAIN GAGE LOCATIONS:												
LYNCHBURG, Va	.11	GREENSBORO, Nc	.02	RALEIGH, Nc	0.00	ROANOKE, Va	.83	DANVILLE, Va	.03			

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