

+++++

U.S. ARMY CORPS OF ENGINEERS, WILMINGTON DISTRICT, WILMINGTON, N.C.  
 JOHN H. KERR - DAILY STATION LOG 4  
 ROANOKE RIVER RESERVOIRS

WED 13-FEB-19

| WEATHER DATA AS OF 0800 TODAY:                     | JOHN H. KERR | PHILPOTT | ROANOKE RAPIDS | ISLAND CREEK | SMITH MTN. | LEESVILLE | GASTON |
|----------------------------------------------------|--------------|----------|----------------|--------------|------------|-----------|--------|
| TEMPERATURE AT 0800 TODAY (DEG F):                 | 42           | 35       |                |              |            |           |        |
| MAXIMUM TEMPERATURE LAST 24 HOURS (DEG F):         | 44           | 44       |                |              |            |           |        |
| MINIMUM TEMPERATURE LAST 24 HOURS (DEG F):         | 38           | 34       |                |              |            |           |        |
| TOTAL RAINFALL AT DAM LAST 24 HOURS (INCHES):      | 0.32         | 0.20     |                |              |            |           |        |
| AVG RAINFALL FOR WATERSHED LAST 24 HOURS (INCHES): |              |          |                |              |            |           |        |
| RAINFALL FORECAST FOR NEXT 24 HOURS (INCHES):      | -            | -        |                |              |            |           |        |
| RAINFALL FORECAST FOR 2ND 24 HOURS (INCHES):       | -            | -        |                |              |            |           |        |

| ROANOKE RESERVOIR DATA:               | KERR   | PHILPOTT | ROANOKE RAPIDS | ISLAND CREEK | SMITH MTN. | LEESVILLE | GASTON |
|---------------------------------------|--------|----------|----------------|--------------|------------|-----------|--------|
| ELEVATION AT 2400 YESTERDAY (FEET):   | 295.49 | 973.88   | 130.00         | 257.30       | 793.53     | 610.83    | 199.66 |
| ELEVATION AT 0800 TODAY (FEET):       | 295.76 | 973.90   |                | 257.60       |            |           |        |
| ELEVATION AT 0800 TOMORROW (FEET):    |        |          |                |              |            |           |        |
| MAXIMUM ELEVATION OBS OR FCST (FEET): |        |          |                |              |            |           |        |
| DATE AND HOUR OF MAXIMUM:             | /      | /        |                |              |            |           |        |

|                                         |       |     |  |  |  |  |  |
|-----------------------------------------|-------|-----|--|--|--|--|--|
| AVERAGE INFLOW 0000 - 0800 TODAY (DSF): | 20787 | 721 |  |  |  |  |  |
| AVERAGE INFLOW YESTERDAY (DSF):         | 14130 | 671 |  |  |  |  |  |
| AVERAGE INFLOW EXPECTED TODAY (DSF):    |       |     |  |  |  |  |  |
| MAXIMUM INFLOW OBS OR FCST (DSF):       |       |     |  |  |  |  |  |
| DATE AND HOUR OF MAXIMUM:               | /     | /   |  |  |  |  |  |

|                                          |      |     |      |  |  |      |   |
|------------------------------------------|------|-----|------|--|--|------|---|
| AVERAGE OUTFLOW 0000 - 0800 TODAY (DSF): | 2819 | 634 |      |  |  |      |   |
| TOTAL OUTFLOW YESTERDAY (DSF):           | 5478 | 642 | 7736 |  |  | 3620 | 0 |
| TURBINE OUTFLOW YESTERDAY (DSF):         | 5478 | 642 |      |  |  |      |   |
| TOTAL OUTFLOW EXPECTED TODAY (DSF):      |      |     |      |  |  |      |   |

| DOWNSTREAM CONTROL GAGE DATA:         | BASSETT PHILPOTT | ALTAVISTA LEESVILLE | ROANOKE RAPIDS |
|---------------------------------------|------------------|---------------------|----------------|
| GAGE HEIGHT AT 2400 YESTERDAY (FEET): | 3.05             | 5.45                | 5.23           |
| GAGE HEIGHT AT 0800 TODAY (FEET):     | 3.05             |                     |                |

| ENERGY BREAKDOWN: | GROSS GEN YESTERDAY | NET TO | NET FROM | CP&L F&S | VAPWR F&S | APCO F&S | PROJECT USE | MIN RELEASE | GEN SCHED | LAKE TEMP | WIND  |
|-------------------|---------------------|--------|----------|----------|-----------|----------|-------------|-------------|-----------|-----------|-------|
| EVAP              |                     |        |          |          |           |          |             |             |           |           |       |
| KERR              | 916.2               | 1      | 888      | 0        | 887       |          | 1           |             | 990       |           | 27.00 |
| 0.00              |                     |        |          |          |           |          |             |             |           |           |       |
| PHILPOTT          | 185517              |        |          |          | 183       | 0        | 0           | 3           | 180       |           | 5.00  |
| 0.00              |                     |        |          |          |           |          |             |             |           |           |       |

| ENERGY DECLARATION: | KERR | PHILPOTT |
|---------------------|------|----------|
| FIRM                |      |          |
| SECONDARY           |      |          |
| TOTAL               |      |          |