

02081000 ROANOKE RIVER NEAR SCOTLAND NECK, NC

LOCATION.--Lat 36°12'33", long 77°23'02", Halifax County, Hydrologic Unit 03010107, on right bank 50 ft upstream from bridge on U.S. 258, 3 mi downstream from Bridgers Creek, and 5.8 mi north of Scotland Neck.

DRAINAGE AREA.--8,671 mi².

PERIOD OF RECORD.--March 1974 to current year. Daily mean discharges, October 1940 to September 1956.

GAGE.--Water-stage recorder. Datum of gage is 5.77 ft above NGVD of 1929. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 41.98 ft, Aug. 19, 1940; minimum not determined

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 25.09 ft, Apr. 9; minimum gage height, 5.66 ft, Sept. 22.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 17.57 | 15.41 | 17.29 | 22.00 | 17.98 | 11.98 | 24.16 | 13.28 | 11.75 | 6.86 | 6.97 | 6.66 |
| 2 | 17.87 | 14.96 | 20.25 | 20.91 | 17.15 | 13.00 | 24.39 | 13.21 | 11.85 | 6.65 | 6.87 | 6.59 |
| 3 | 18.52 | 14.94 | 20.65 | 21.09 | 13.64 | 13.89 | 24.61 | 13.17 | 11.97 | 6.77 | 7.15 | 6.94 |
| 4 | 18.57 | 15.08 | 19.29 | 21.41 | 12.47 | 14.54 | 24.72 | 13.17 | 12.02 | 6.85 | 8.30 | 7.09 |
| 5 | 18.26 | 14.77 | 17.39 | 20.84 | 13.85 | 14.88 | 24.74 | 13.15 | 11.98 | 6.82 | 7.53 | 7.32 |
| 6 | 17.94 | 13.83 | 16.56 | 21.40 | 14.30 | 14.77 | 24.76 | 13.38 | 11.97 | 8.99 | 7.39 | 7.34 |
| 7 | 17.92 | 12.53 | 16.30 | 20.86 | 14.62 | 14.72 | 24.80 | 14.04 | 11.97 | 8.86 | 7.12 | 7.28 |
| 8 | 17.89 | 12.89 | 16.23 | 19.79 | 14.43 | 14.82 | 24.94 | 13.98 | 12.06 | 8.00 | 7.10 | 7.27 |
| 9 | 18.02 | 12.82 | 16.56 | 19.02 | 14.04 | 15.06 | 24.62 | 13.74 | 12.04 | 7.50 | 6.82 | 7.18 |
| 10 | 17.95 | 12.85 | 19.53 | 18.57 | 14.00 | 15.41 | 23.59 | 13.50 | 12.08 | 6.76 | 6.75 | 6.48 |
| 11 | 17.90 | 12.84 | 20.45 | 17.82 | 14.36 | 15.51 | 22.06 | 13.38 | 12.13 | 6.90 | 7.27 | 5.95 |
| 12 | 17.97 | 12.98 | 20.82 | 14.89 | 13.80 | 15.61 | 19.83 | 13.28 | 12.39 | 12.11 | 10.40 | 5.98 |
| 13 | 17.97 | 12.80 | 20.82 | 13.01 | 13.67 | 14.95 | 18.16 | 13.23 | 12.45 | 12.64 | 10.31 | 6.07 |
| 14 | 18.18 | 12.23 | 21.75 | 14.85 | 13.63 | 14.75 | 16.61 | 12.93 | 12.45 | 14.12 | 11.27 | 6.00 |
| 15 | 18.37 | 12.62 | 21.90 | 16.76 | 11.80 | 14.63 | 15.74 | 12.15 | 12.47 | 14.69 | 12.77 | 6.03 |
| 16 | 18.59 | 13.70 | 21.81 | 16.49 | 10.87 | 14.56 | 15.27 | 12.00 | 12.31 | 14.67 | 12.76 | 6.08 |
| 17 | 18.91 | 14.93 | 21.81 | 16.66 | 13.54 | 14.92 | 14.95 | 12.08 | 13.48 | 14.02 | 9.70 | 6.03 |
| 18 | 18.93 | 14.97 | 21.99 | 16.69 | 13.46 | 15.44 | 14.70 | 11.96 | 11.23 | 13.42 | 8.19 | 8.58 |
| 19 | 18.65 | 14.55 | 21.82 | 17.74 | 13.36 | 17.61 | 14.53 | 11.89 | 8.04 | 14.10 | 9.06 | 6.58 |
| 20 | 19.11 | 13.34 | 22.20 | 19.96 | 13.47 | 21.10 | 14.41 | 12.01 | 7.39 | 14.02 | 8.85 | 7.05 |
| 21 | 19.49 | 12.30 | 22.35 | 22.08 | 12.66 | 21.63 | 14.33 | 12.00 | 11.00 | 14.60 | 8.99 | 8.02 |
| 22 | 19.40 | 13.59 | 22.39 | 22.85 | 9.91 | 21.80 | 14.32 | 11.92 | 11.69 | 14.03 | 8.65 | 6.10 |
| 23 | 18.69 | 13.71 | 22.42 | 23.22 | 9.33 | 20.49 | 14.30 | 11.84 | 11.88 | 11.36 | 8.93 | 7.12 |
| 24 | 18.57 | 15.12 | 22.60 | 23.41 | 10.22 | 17.62 | 14.27 | 11.79 | 12.74 | 8.61 | 8.20 | 8.07 |
| 25 | 20.01 | 15.68 | 22.68 | 23.53 | 12.94 | 16.33 | 14.20 | 11.81 | 12.26 | 7.59 | 7.61 | 6.81 |
| 26 | 18.47 | 15.43 | 22.75 | 22.72 | 10.74 | 15.67 | 14.10 | 11.81 | 8.44 | 6.91 | 7.52 | 7.11 |
| 27 | 18.42 | 15.26 | 22.78 | 22.24 | 9.11 | 15.29 | 13.94 | 11.78 | 7.20 | 8.00 | 7.46 | 10.82 |
| 28 | 18.52 | 15.09 | 22.78 | 22.14 | 9.45 | 15.16 | 13.87 | 11.74 | 6.96 | 11.38 | 7.94 | 7.58 |
| 29 | 18.50 | 15.68 | 22.79 | 21.54 | --- | 15.68 | 13.83 | 11.71 | 6.99 | 8.79 | 7.29 | 6.40 |
| 30 | 18.14 | 15.01 | 22.42 | 19.04 | --- | 21.71 | 13.52 | 11.69 | 7.03 | 7.96 | 7.15 | 6.31 |
| 31 | 16.12 | --- | 21.84 | 18.64 | --- | 23.67 | --- | 11.69 | --- | 7.28 | 6.96 | --- |
| MEAN | 18.37 | 14.06 | 20.75 | 19.75 | 12.96 | 16.36 | 18.41 | 12.56 | 11.01 | 10.04 | 8.36 | 6.96 |
| MAX | 20.01 | 15.68 | 22.79 | 23.53 | 17.98 | 23.67 | 24.94 | 14.04 | 13.48 | 14.69 | 12.77 | 10.82 |
| MIN | 16.12 | 12.23 | 16.23 | 13.01 | 9.11 | 11.98 | 13.52 | 11.69 | 6.96 | 6.65 | 6.75 | 5.95 |

