

## ROANOKE RIVER BASIN

02081138 WELCH CREEK ABOVE SEO NEAR PLYMOUTH, NC

LOCATION.--Lat 35°49'45", long 76°47'06", Washington County, Hydrologic Unit 03010107, at bridge on U.S. Highway 64, 3.0 mi upstream from mouth, and 1.0 mi west of Plymouth.

DRAINAGE AREA.--42 mi<sup>2</sup>.

## TIDAL-ELEVATION RECORDS

PERIOD OF RECORD.--April 2001 to September 2001 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is sea level. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 2.30 ft, June 15, 2001; minimum elevation, -0.31 ft, Apr. 27, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 2.30 ft, June 15; minimum elevation, -0.31 ft, Apr. 6.

ELEVATION, IN FEET, WATER YEAR APRIL 2001 TO SEPTEMBER 2001  
DAILY MEAN VALUES

| DAY  | OCT | NOV | DEC | JAN | FEB | MAR | APR  | MAY  | JUN  | JUL  | AUG  | SEP  |
|------|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|
| 1    | --- | --- | --- | --- | --- | --- | ---  | .61  | 1.23 | .91  | 1.10 | 1.01 |
| 2    | --- | --- | --- | --- | --- | --- | ---  | .60  | 1.36 | 1.18 | 1.23 | 1.05 |
| 3    | --- | --- | --- | --- | --- | --- | ---  | .55  | 1.28 | .80  | 1.08 | .90  |
| 4    | --- | --- | --- | --- | --- | --- | ---  | .54  | 1.34 | .80  | 1.15 | .97  |
| 5    | --- | --- | --- | --- | --- | --- | 1.05 | .59  | 1.32 | .85  | 1.09 | 1.10 |
| 6    | --- | --- | --- | --- | --- | --- | 1.09 | 1.46 | 1.30 | 1.02 | 1.01 | .97  |
| 7    | --- | --- | --- | --- | --- | --- | 1.47 | .54  | 1.14 | .77  | 1.00 | 1.12 |
| 8    | --- | --- | --- | --- | --- | --- | 1.45 | .38  | 1.21 | .71  | 1.08 | 1.27 |
| 9    | --- | --- | --- | --- | --- | --- | 1.38 | .64  | 1.15 | .95  | 1.09 | 1.38 |
| 10   | --- | --- | --- | --- | --- | --- | 1.62 | .63  | 1.14 | .92  | 1.11 | 1.21 |
| 11   | --- | --- | --- | --- | --- | --- | 1.49 | .85  | 1.22 | 1.02 | 1.14 | 1.02 |
| 12   | --- | --- | --- | --- | --- | --- | 1.41 | .99  | 1.23 | 1.18 | 1.13 | .93  |
| 13   | --- | --- | --- | --- | --- | --- | 1.55 | 1.05 | 1.38 | .91  | 1.01 | 1.11 |
| 14   | --- | --- | --- | --- | --- | --- | 1.41 | .74  | 1.95 | .77  | 1.13 | 1.32 |
| 15   | --- | --- | --- | --- | --- | --- | 1.25 | .81  | 2.18 | .91  | ---  | 1.17 |
| 16   | --- | --- | --- | --- | --- | --- | 1.27 | 1.00 | 2.08 | 1.01 | ---  | .78  |
| 17   | --- | --- | --- | --- | --- | --- | 1.32 | .89  | 1.81 | .85  | ---  | .59  |
| 18   | --- | --- | --- | --- | --- | --- | .47  | 1.14 | 1.60 | .88  | ---  | 1.21 |
| 19   | --- | --- | --- | --- | --- | --- | .94  | 1.32 | 1.38 | 1.03 | ---  | 1.56 |
| 20   | --- | --- | --- | --- | --- | --- | 1.08 | 1.30 | 1.39 | .77  | ---  | 1.60 |
| 21   | --- | --- | --- | --- | --- | --- | .97  | 1.32 | 1.31 | .77  | ---  | 1.66 |
| 22   | --- | --- | --- | --- | --- | --- | .92  | 1.46 | 1.27 | 1.03 | ---  | 1.49 |
| 23   | --- | --- | --- | --- | --- | --- | .79  | 1.65 | 1.52 | 1.39 | ---  | 1.46 |
| 24   | --- | --- | --- | --- | --- | --- | .69  | 1.26 | 1.66 | 1.42 | ---  | 1.55 |
| 25   | --- | --- | --- | --- | --- | --- | 1.20 | 1.43 | 1.32 | 1.39 | ---  | 1.54 |
| 26   | --- | --- | --- | --- | --- | --- | .55  | 1.54 | 1.25 | 1.04 | ---  | .97  |
| 27   | --- | --- | --- | --- | --- | --- | -.06 | 1.31 | 1.13 | 1.50 | ---  | 1.12 |
| 28   | --- | --- | --- | --- | --- | --- | .71  | 1.38 | 1.00 | 1.09 | ---  | 1.15 |
| 29   | --- | --- | --- | --- | --- | --- | .58  | 1.19 | .98  | 1.20 | ---  | .65  |
| 30   | --- | --- | --- | --- | --- | --- | .55  | 1.11 | .91  | 1.36 | 1.02 | .20  |
| 31   | --- | --- | --- | --- | --- | --- | ---  | 1.09 | ---  | 1.01 | 1.01 | ---  |
| MEAN | --- | --- | --- | --- | --- | --- | ---  | 1.01 | 1.37 | 1.01 | ---  | 1.14 |
| MAX  | --- | --- | --- | --- | --- | --- | ---  | 1.65 | 2.18 | 1.50 | ---  | 1.66 |
| MIN  | --- | --- | --- | --- | --- | --- | ---  | .38  | .91  | .71  | ---  | .20  |

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