

Water-Data Report 2008

**02088090 BLACK CREEK NEAR FOUR OAKS, NC**

Neuse Basin  
Upper Neuse Subbasin

LOCATION.--Lat 35°28'09", long 78°27'25" referenced to North American Datum of 1983, Johnston County, NC, Hydrologic Unit 03020201, at bridge on Secondary Road 1162, 2.2 mi northwest of Four Oaks, and 5.0 mi above the mouth.

DRAINAGE AREA.--81.9 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--December 2003 to current year.

GAGE.--Water-stage recorder. Datum of gage is 114.00 ft above North American Vertical Datum of 1988. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 7.90 ft, June 16, 2006; minimum gage height, 0.45 ft, October 24, 2007.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 6.89 ft, April 8; minimum gage height, 0.45 ft, October 24.

## 02088090 BLACK CREEK NEAR FOUR OAKS, NC—Continued

**GAGE HEIGHT, FEET**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**  
**DAILY MEAN VALUES**

| Day  | Oct  | Nov  | Dec  | Jan  | Feb  | Mar  | Apr  | May  | Jun  | Jul  | Aug  | Sep  |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1    | 0.95 | 4.58 | 4.67 | 5.63 | 4.99 | 5.17 | 5.37 | 5.80 | 4.27 | 3.16 | 3.84 | 3.48 |
| 2    | 0.92 | 4.62 | 4.71 | 5.77 | 5.17 | 5.07 | 5.52 | 5.81 | 4.34 | 3.09 | 3.71 | 3.48 |
| 3    | 0.91 | 4.55 | 4.75 | 5.85 | 5.22 | 5.00 | 5.66 | 5.59 | 4.30 | 3.03 | 3.61 | 3.46 |
| 4    | 0.89 | 4.46 | 4.76 | 5.71 | 5.25 | 4.98 | 5.65 | 5.26 | 4.20 | 2.97 | 3.52 | 3.48 |
| 5    | 0.88 | 4.36 | 4.76 | 5.38 | 5.18 | 5.45 | 5.81 | 5.24 | 4.12 | 2.91 | 3.46 | 3.54 |
| 6    | 0.87 | 4.30 | 4.76 | 5.19 | 5.12 | 5.50 | 6.47 | 4.98 | 4.06 | 2.90 | 3.38 | 4.86 |
| 7    | 0.86 | 4.30 | 4.74 | 5.10 | 5.07 | 5.52 | 6.80 | 4.82 | 3.96 | 3.15 | 3.31 | 5.76 |
| 8    | 0.84 | 4.30 | 4.75 | 5.03 | 5.00 | 5.81 | 6.79 | 4.70 | 3.87 | 3.17 | 3.32 | 5.72 |
| 9    | 0.82 | 4.32 | 4.78 | 5.00 | 4.93 | 5.93 | 6.41 | 4.72 | 3.78 | 3.26 | 3.27 | 5.87 |
| 10   | 0.80 | 4.32 | 4.82 | 4.98 | 4.88 | 6.01 | 6.03 | 4.72 | 3.72 | 3.46 | 3.19 | 6.01 |
| 11   | 0.78 | 4.31 | 4.82 | 4.96 | 4.82 | 6.06 | 5.75 | 4.66 | 3.57 | 6.01 | 3.15 | 6.04 |
| 12   | 0.75 | 4.33 | 4.81 | 4.93 | 4.76 | 5.84 | 5.58 | 4.74 | 3.50 | 6.40 | 3.11 | 5.99 |
| 13   | 0.72 | 4.34 | 4.82 | 4.90 | 4.89 | 5.54 | 5.55 | 4.68 | 3.41 | 6.06 | 3.13 | 5.80 |
| 14   | 0.69 | 4.33 | 4.85 | 4.89 | 5.15 | 5.37 | 5.57 | 4.57 | 3.35 | 5.51 | 3.25 | 5.55 |
| 15   | 0.66 | 4.33 | 4.93 | 4.88 | 5.21 | 5.31 | 5.55 | 4.52 | 4.24 | 4.77 | 3.25 | 5.37 |
| 16   | ---  | 4.45 | 5.29 | 4.85 | 5.29 | 5.59 | 5.41 | 4.58 | 4.47 | 4.38 | 3.45 | 5.16 |
| 17   | ---  | 4.43 | 5.30 | 4.87 | 5.23 | 5.61 | 5.27 | 4.57 | 4.42 | 4.17 | 3.43 | 5.03 |
| 18   | ---  | 4.42 | 5.27 | 4.92 | 5.29 | 5.64 | 5.14 | 4.50 | 4.33 | 4.05 | 3.43 | 4.78 |
| 19   | ---  | 4.41 | 5.25 | 4.96 | 5.38 | 5.60 | 5.05 | 4.53 | 4.12 | 4.37 | 3.38 | 4.67 |
| 20   | 0.56 | 4.40 | 5.17 | 5.16 | 5.36 | 5.50 | 5.03 | 4.48 | 3.93 | 4.82 | 3.33 | 4.63 |
| 21   | 0.53 | 4.42 | 5.07 | 5.23 | 5.30 | 5.41 | 5.12 | 4.57 | 3.79 | 4.57 | 3.30 | 4.54 |
| 22   | 0.50 | 4.44 | 5.02 | 5.27 | 5.28 | 5.33 | 5.16 | 4.55 | 3.67 | 4.45 | 3.27 | 4.41 |
| 23   | 0.48 | 4.44 | 4.98 | 5.24 | 5.32 | 5.28 | 5.19 | 4.42 | 3.60 | 4.35 | 3.21 | 4.26 |
| 24   | 0.52 | 4.44 | 5.10 | 5.19 | 5.31 | 5.20 | 5.17 | 4.32 | 3.51 | 5.02 | 3.16 | 4.13 |
| 25   | 0.65 | 4.46 | 5.04 | 5.15 | 5.28 | 5.11 | 5.09 | 4.25 | 3.41 | 5.60 | 3.13 | 4.05 |
| 26   | 0.72 | 4.51 | 5.11 | 5.12 | 5.24 | 5.02 | 5.02 | 4.16 | 3.36 | 5.21 | 3.12 | 4.97 |
| 27   | 2.51 | 4.61 | 5.33 | 5.06 | 5.32 | 4.96 | 4.94 | 4.07 | 3.31 | 4.64 | 3.24 | 5.46 |
| 28   | 4.10 | 4.64 | 5.35 | 4.98 | 5.31 | 4.89 | 5.30 | 4.10 | 3.25 | 4.39 | 3.47 | 5.50 |
| 29   | 3.91 | 4.65 | 5.36 | 4.92 | 5.26 | 4.84 | 5.55 | 4.38 | 3.21 | 4.23 | 3.43 | 5.66 |
| 30   | 3.79 | 4.67 | 5.32 | 4.91 | ---  | 4.82 | 5.63 | 4.27 | 3.21 | 4.09 | 3.42 | 5.55 |
| 31   | 3.83 | ---  | 5.52 | 4.89 | ---  | 4.97 | ---  | 4.22 | ---  | 3.97 | 3.46 | ---  |
| Mean | ---  | 4.44 | 5.01 | 5.13 | 5.17 | 5.37 | 5.55 | 4.67 | 3.81 | 4.26 | 3.35 | 4.91 |
| Max  | ---  | 4.67 | 5.52 | 5.85 | 5.38 | 6.06 | 6.80 | 5.81 | 4.47 | 6.40 | 3.84 | 6.04 |
| Min  | ---  | 4.30 | 4.67 | 4.85 | 4.76 | 4.82 | 4.94 | 4.07 | 3.21 | 2.90 | 3.11 | 3.46 |

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