

Water-Data Report 2010

02088270 MILL CREEK AT COX MILL, NC

Neuse Basin
Upper Neuse Subbasin

LOCATION.--Lat 35°20'30", long 78°12'59" referenced to North American Datum of 1983, Johnston County, NC, Hydrologic Unit 03020201, at bridge on Secondary Road 1200, 1 mi northwest of Cox Mill.

DRAINAGE AREA.--168 mi².

SURFACE-WATER RECORDS

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

GAGE.--Water-stage recorder. Datum of gage is 70 ft above North American Vertical Datum of 1988. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 15.98 ft, June 18, 2006; minimum gage height, 0.86 ft, August 18, 2010.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 14.69 ft, February 9; minimum gage height, 0.86 ft, August 18.

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GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------|------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|
| 1 | 3.17 | 2.53 | 4.31 | 8.60 | 7.82 | 8.47 | 12.79 | 2.23 | 6.83 | 1.86 | 1.41 | 2.43 |
| 2 | 2.85 | 2.65 | 4.40 | 8.64 | 7.04 | 8.59 | 12.30 | 2.13 | 7.20 | 1.82 | 1.65 | 2.09 |
| 3 | 2.61 | 2.71 | 5.15 | 8.61 | 7.45 | 9.34 | 9.92 | 2.02 | 6.03 | 1.75 | 1.44 | 1.92 |
| 4 | 2.41 | 2.68 | 6.30 | 8.31 | 8.39 | 9.59 | 7.37 | 1.92 | 4.88 | 1.70 | 1.27 | 1.71 |
| 5 | 2.28 | 2.66 | 7.46 | 7.71 | 9.22 | 9.09 | 5.91 | 1.87 | 4.86 | 1.67 | 1.79 | 1.56 |
| 6 | 2.30 | 2.61 | 8.93 | 7.09 | 11.01 | 8.21 | 5.16 | 1.81 | 5.34 | 1.65 | 2.01 | 1.47 |
| 7 | 2.34 | 2.56 | 9.81 | 6.49 | 12.53 | 7.11 | 4.64 | 1.73 | 5.19 | 1.59 | 1.80 | 1.39 |
| 8 | 2.31 | 2.52 | 9.77 | 5.45 | 13.73 | 6.12 | 4.29 | 1.66 | 4.43 | 1.49 | 1.55 | 1.32 |
| 9 | 2.29 | 2.42 | 9.51 | 4.77 | 14.58 | 5.49 | 4.21 | 1.56 | 3.41 | 1.39 | 1.32 | 1.26 |
| 10 | 2.25 | 2.41 | 9.37 | 4.47 | 14.42 | 5.12 | 4.26 | 1.48 | 2.69 | 1.46 | 1.69 | 1.21 |
| 11 | 2.24 | 4.13 | 9.92 | 4.20 | 13.51 | 4.95 | 4.15 | 1.43 | 2.31 | 1.61 | 1.69 | 1.22 |
| 12 | 2.26 | 6.66 | 10.97 | 4.18 | 12.01 | 5.08 | 4.05 | 1.44 | 2.05 | 1.53 | 1.50 | 1.19 |
| 13 | 2.32 | 9.23 | 11.62 | 4.09 | 10.32 | 5.91 | 3.82 | 1.45 | 1.97 | 1.60 | 1.26 | 1.11 |
| 14 | 2.36 | 9.94 | 11.41 | 4.00 | 9.15 | 7.32 | 3.63 | 1.45 | 1.98 | 1.60 | 1.10 | 1.02 |
| 15 | 2.48 | 10.20 | 10.69 | 3.97 | 8.86 | 8.47 | 3.47 | 1.44 | 1.82 | 1.46 | 0.99 | 1.03 |
| 16 | 2.62 | 9.81 | 9.86 | 3.93 | 9.16 | 8.08 | 3.30 | 1.52 | 1.76 | 1.31 | 0.98 | 1.09 |
| 17 | 2.64 | 8.31 | 9.15 | 4.54 | 9.29 | 6.91 | 3.14 | 1.81 | 1.80 | 1.27 | 0.92 | 1.12 |
| 18 | 2.62 | 6.53 | 8.49 | 6.36 | 9.17 | 5.95 | 3.00 | 2.41 | 1.70 | 1.85 | 0.91 | 1.15 |
| 19 | 2.54 | 5.62 | 8.18 | 8.09 | 8.89 | 5.39 | 2.83 | 2.48 | 1.55 | 1.66 | 1.25 | 1.13 |
| 20 | 2.42 | 5.21 | 8.10 | 8.70 | 8.56 | 5.00 | 2.70 | 2.79 | 1.47 | 1.52 | 1.37 | 1.12 |
| 21 | 2.33 | 4.87 | 7.83 | 8.23 | 8.30 | 4.74 | 2.64 | 3.06 | 1.46 | 1.39 | 1.22 | 1.10 |
| 22 | 2.25 | 4.61 | 6.99 | 8.70 | 8.31 | 4.75 | 2.69 | 2.89 | 1.45 | 1.39 | 1.14 | 1.06 |
| 23 | 2.18 | 4.57 | 6.21 | 11.31 | 8.65 | 5.23 | 2.64 | 2.72 | 1.49 | 1.28 | 1.46 | 1.08 |
| 24 | 2.08 | 4.68 | 5.69 | 12.38 | 8.89 | 5.48 | 2.61 | 3.21 | 1.58 | 1.23 | 1.43 | 1.09 |
| 25 | 2.04 | 4.93 | 5.63 | 12.12 | 8.86 | 5.19 | 2.66 | 4.83 | 1.65 | 1.12 | 1.94 | 1.11 |
| 26 | 2.02 | 5.05 | 6.52 | 11.07 | 8.51 | 4.80 | 2.67 | 5.14 | 1.68 | 1.04 | 1.95 | 1.24 |
| 27 | 2.06 | 4.95 | 7.25 | 10.65 | 8.30 | 4.45 | 2.57 | 5.01 | 1.71 | 1.00 | 2.80 | 2.30 |
| 28 | 2.27 | 4.79 | 8.03 | 10.84 | 8.36 | 4.19 | 2.49 | 4.40 | 1.72 | 1.02 | 4.89 | 3.22 |
| 29 | 2.39 | 4.60 | 8.68 | 10.37 | --- | 5.44 | 2.40 | 4.31 | 1.71 | 1.05 | 4.95 | 3.47 |
| 30 | 2.37 | 4.41 | 8.74 | 9.69 | --- | 8.25 | 2.33 | 4.90 | 1.81 | 1.27 | 4.00 | 6.00 |
| 31 | 2.44 | --- | 8.59 | 9.03 | --- | 10.99 | --- | 5.61 | --- | 1.17 | 3.02 | --- |
| Mean | 2.38 | 4.96 | 8.18 | 7.63 | 9.76 | 6.57 | 4.35 | 2.67 | 2.85 | 1.44 | 1.83 | 1.64 |
| Max | 3.17 | 10.20 | 11.62 | 12.38 | 14.58 | 10.99 | 12.79 | 5.61 | 7.20 | 1.86 | 4.95 | 6.00 |
| Min | 2.02 | 2.41 | 4.31 | 3.93 | 7.04 | 4.19 | 2.33 | 1.43 | 1.45 | 1.00 | 0.91 | 1.02 |

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