

Water-Data Report 2008

**0214643860 BRIAR CREEK BELOW EDWARDS BRANCH NEAR CHARLOTTE, NC**

Santee Basin  
Lower Catawba Subbasin

LOCATION.--Lat 35°12'22", long 80°48'21" referenced to North American Datum of 1983, Mecklenburg County, NC, Hydrologic Unit 03050103, on left bank, 900 ft below confluence of Briar Creek and Edwards Branch, 2.2 mi southeast of city hall in Charlotte, NC.

DRAINAGE AREA.--14.2 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

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

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 629.52 ft, above North American Vertical Datum of 1988, from levels. Radio telemetry at station.

REMARKS.--Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height 17.89, August 27, 2008; minimum gage height 0.34, September 4, 2007, July 1, 2008.

EXTREMES FOR CURRENT YEAR.--Maximum gage height 17.89, August 27; minimum gage height 0.34, July 1.

## 0214643860 BRIAR CREEK BELOW EDWARDS BRANCH NEAR CHARLOTTE, 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    | 0.39 | 0.55 | 0.68 | 0.55 | 1.74 | 0.53 | 0.67 | 0.65 | 0.46 | 0.39 | 0.56 | 0.64 |
| 2    | 0.39 | 0.59 | 0.49 | 0.50 | 0.68 | 0.52 | 0.57 | 0.62 | 0.45 | 0.40 | 0.43 | 0.56 |
| 3    | 0.39 | 0.58 | 0.55 | 0.48 | 0.58 | 0.53 | 0.75 | 0.60 | 0.45 | 0.41 | 0.40 | 0.54 |
| 4    | 0.45 | 0.59 | 0.58 | 0.48 | 0.55 | 1.87 | 0.76 | 0.59 | 0.46 | 0.42 | 0.40 | 0.57 |
| 5    | 0.42 | 0.60 | 0.59 | 0.47 | 0.53 | 1.28 | 0.96 | 0.58 | 0.45 | 0.62 | 0.40 | 0.56 |
| 6    | 0.43 | 0.59 | 0.61 | 0.47 | 0.53 | 0.73 | 0.68 | 0.57 | 0.44 | 1.00 | 0.38 | 0.55 |
| 7    | 0.46 | 0.61 | 0.64 | 0.46 | 0.54 | 1.05 | 0.60 | 0.55 | 0.43 | 0.53 | 0.38 | 0.53 |
| 8    | 0.50 | 0.62 | 0.65 | 0.47 | 0.51 | 0.82 | 0.58 | 0.56 | 0.43 | 1.43 | 0.39 | 0.56 |
| 9    | 0.50 | 0.62 | 0.71 | 0.52 | 0.51 | 0.66 | 0.57 | 0.57 | 0.41 | 0.86 | 0.38 | 0.57 |
| 10   | 0.43 | 0.63 | 0.70 | 0.64 | 0.50 | 0.63 | 0.57 | 0.52 | 0.41 | 0.82 | 0.41 | 1.58 |
| 11   | 0.41 | 0.64 | 0.70 | 0.64 | 0.52 | 0.60 | 0.57 | 0.74 | 0.60 | 0.59 | 0.39 | 0.93 |
| 12   | 0.42 | 0.65 | 0.51 | 0.49 | 0.63 | 0.59 | 0.76 | 0.54 | 0.59 | 0.50 | 0.38 | 0.62 |
| 13   | 0.42 | 0.66 | 0.51 | 0.47 | 1.02 | 0.58 | 0.57 | 0.51 | 0.43 | 1.44 | 0.86 | 0.57 |
| 14   | 0.41 | 0.66 | 0.51 | 0.46 | 0.71 | 0.57 | 0.56 | 0.51 | 0.41 | 0.85 | 0.49 | 0.54 |
| 15   | 0.45 | 0.74 | 0.61 | 0.45 | 0.56 | 1.69 | 0.55 | 0.51 | 0.44 | 0.55 | 0.69 | 0.53 |
| 16   | 0.44 | 0.54 | 0.99 | 0.45 | 0.54 | 0.96 | 0.55 | 0.69 | 0.39 | 0.50 | 0.54 | 1.17 |
| 17   | 0.46 | 0.55 | 0.49 | 1.19 | 0.55 | 0.72 | 0.54 | 0.50 | 0.38 | 0.47 | 0.69 | 0.75 |
| 18   | 0.42 | 0.57 | 0.46 | 0.64 | 0.68 | 0.67 | 0.54 | 0.54 | 0.37 | 0.46 | 0.47 | 0.56 |
| 19   | 0.78 | 0.60 | 0.45 | 0.75 | 0.53 | 1.07 | 0.56 | 0.55 | 0.36 | 0.45 | 0.42 | 0.53 |
| 20   | 0.43 | 0.64 | 0.46 | 0.63 | 0.51 | 0.87 | 0.63 | 0.50 | 0.57 | 0.44 | 0.41 | 0.52 |
| 21   | 0.38 | 0.67 | 0.68 | 0.51 | 0.57 | 0.70 | 0.54 | 0.51 | 1.05 | 0.44 | 0.42 | 0.52 |
| 22   | 0.37 | 0.80 | 0.49 | 0.56 | 0.82 | 0.66 | 0.53 | 0.50 | 1.10 | 0.59 | 0.42 | 0.52 |
| 23   | 0.39 | 0.83 | 0.66 | 0.56 | 0.56 | 0.62 | 0.53 | 0.51 | 1.04 | 1.01 | 0.46 | 0.52 |
| 24   | 0.97 | 0.86 | 0.52 | 0.50 | 0.52 | 0.61 | 0.53 | 0.52 | 0.48 | 0.51 | 0.44 | 0.50 |
| 25   | 1.38 | 0.90 | 0.46 | 0.48 | 0.52 | 0.60 | 0.53 | 0.50 | 0.43 | 0.43 | 0.93 | 0.52 |
| 26   | 1.16 | 0.77 | 1.12 | 0.48 | 0.89 | 0.59 | 0.95 | 0.51 | 0.42 | 0.44 | 3.49 | 1.44 |
| 27   | 0.68 | 0.61 | 0.57 | 0.48 | 0.61 | 0.58 | 1.19 | 0.47 | 0.58 | 0.43 | 7.66 | 1.08 |
| 28   | 0.52 | 0.59 | 0.87 | 0.48 | 0.55 | 0.58 | 1.72 | 1.16 | 0.41 | 0.42 | 0.83 | 0.64 |
| 29   | 0.52 | 0.78 | 0.84 | 0.48 | 0.53 | 0.58 | 0.86 | 0.61 | 0.40 | 0.48 | 0.65 | 0.58 |
| 30   | 0.52 | 0.83 | 1.33 | 0.58 | ---  | 0.57 | 0.70 | 0.48 | 0.39 | 0.43 | 0.68 | 0.56 |
| 31   | 0.53 | ---  | 0.77 | 0.48 | ---  | 0.73 | ---  | 0.46 | ---  | 0.71 | 0.60 | ---  |
| Mean | 0.53 | 0.66 | 0.65 | 0.54 | 0.64 | 0.77 | 0.69 | 0.57 | 0.51 | 0.61 | 0.84 | 0.68 |
| Max  | 1.38 | 0.90 | 1.33 | 1.19 | 1.74 | 1.87 | 1.72 | 1.16 | 1.10 | 1.44 | 7.66 | 1.58 |
| Min  | 0.37 | 0.54 | 0.45 | 0.45 | 0.50 | 0.52 | 0.53 | 0.46 | 0.36 | 0.39 | 0.38 | 0.50 |

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