

0214643860 BRIAR CREEK BELOW EDWARDS BRANCH NEAR CHARLOTTE, NC

LOCATION.--Lat 35°12'22", long 80°48'21", Mecklenburg County, Hydrologic Unit 03050103, mounted to Doral Apartments leasing office 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 mi².

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. Radio telemetry at station.

REMARKS.--Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height 11.08, July 17, 2004; minimum gage height 0.39, Sept. 30, 2005.

EXTREMES FOR CURRENT YEAR.--Maximum gage height 8.46 , July 7; minimum gage height 0.39, Sept. 30.

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 | 0.66 | 0.60 | 0.66 | 0.60 | 0.60 | 0.79 | 0.81 | 0.87 | 1.03 | 1.73 | 0.67 | 0.48 |
| 2 | 0.65 | 0.60 | 0.61 | 0.60 | 0.61 | 0.70 | 0.83 | 0.64 | 1.65 | 0.80 | 0.59 | 0.48 |
| 3 | 0.72 | 0.68 | 0.60 | 0.60 | 1.18 | 0.67 | 0.73 | 0.63 | 0.71 | 0.61 | 0.56 | 0.47 |
| 4 | 0.64 | 1.26 | 0.60 | 0.60 | 0.72 | 0.65 | 0.71 | 0.62 | 0.63 | 0.58 | 0.54 | 0.46 |
| 5 | 0.61 | 0.67 | 0.58 | 0.60 | 0.65 | 0.64 | 0.69 | 0.62 | 0.60 | 0.59 | 0.53 | 0.46 |
| 6 | 0.58 | 0.61 | 0.81 | 0.60 | 0.63 | 0.63 | 0.68 | 0.65 | 0.60 | 0.59 | 0.52 | 0.46 |
| 7 | 0.58 | 0.60 | 0.70 | 0.59 | 0.62 | 0.63 | 0.75 | 0.64 | 0.77 | 1.76 | 0.51 | 0.46 |
| 8 | 0.58 | 0.60 | 0.62 | 0.59 | 0.61 | 1.34 | 0.71 | 0.65 | 0.60 | 0.82 | 0.82 | 0.47 |
| 9 | 0.58 | 0.60 | 0.72 | 0.59 | 0.61 | 0.72 | 0.68 | 0.65 | 0.59 | 0.65 | 1.46 | 0.48 |
| 10 | 0.58 | 0.60 | 1.46 | 0.59 | 0.62 | 0.68 | 0.66 | 1.34 | 0.64 | 0.62 | 0.79 | 0.47 |
| 11 | 0.58 | 0.60 | 0.72 | 0.60 | 0.61 | 0.66 | 0.66 | 0.86 | 0.59 | 0.76 | 0.59 | 0.46 |
| 12 | 0.60 | 0.92 | 0.65 | 0.59 | 0.61 | 0.66 | 1.36 | 1.03 | 0.56 | 0.62 | 0.55 | 0.46 |
| 13 | 1.27 | 0.65 | 0.63 | 0.58 | 0.62 | 0.66 | 1.54 | 0.76 | 0.56 | 0.70 | 0.54 | 0.49 |
| 14 | 0.62 | 0.59 | 0.63 | 1.76 | 0.90 | 0.77 | 1.30 | 0.65 | 0.56 | 0.58 | 0.63 | 0.49 |
| 15 | 0.59 | 0.59 | 0.63 | 0.69 | 0.66 | 0.65 | 0.79 | 0.64 | 0.55 | 0.54 | 0.57 | 0.49 |
| 16 | 0.58 | 0.60 | 0.63 | 0.64 | 0.62 | 1.25 | 0.74 | 0.63 | 0.54 | 0.53 | 0.54 | 0.61 |
| 17 | 0.59 | 0.60 | 0.63 | 0.62 | 0.63 | 1.14 | 0.72 | 0.63 | 0.53 | 0.53 | 0.72 | 0.47 |
| 18 | 0.61 | 0.61 | 0.63 | 0.61 | 0.60 | 0.77 | --- | 0.61 | 0.53 | 0.57 | 0.56 | 0.43 |
| 19 | 0.64 | 0.62 | 0.63 | 0.61 | 0.59 | 0.71 | 0.68 | 0.60 | 0.59 | 0.53 | 0.52 | 0.45 |
| 20 | 0.63 | 0.63 | 0.62 | 0.61 | 0.66 | 0.69 | 0.66 | 1.00 | 0.55 | 0.63 | 0.51 | 0.45 |
| 21 | 0.66 | 0.62 | 0.62 | 0.61 | 0.93 | 0.67 | 0.66 | 0.62 | 0.53 | 0.56 | 0.50 | 0.45 |
| 22 | 0.67 | 0.62 | 0.62 | 0.60 | 0.67 | 0.98 | 0.79 | 0.60 | 0.53 | 0.78 | 0.51 | 0.45 |
| 23 | 0.66 | 0.79 | 0.99 | 0.60 | 0.62 | 1.23 | 0.69 | 0.60 | 0.51 | 0.56 | 1.03 | 0.45 |
| 24 | 0.71 | 0.91 | 0.64 | 0.59 | 1.04 | 0.78 | 0.64 | 0.58 | 0.51 | 0.50 | 0.62 | 0.46 |
| 25 | 0.65 | 0.75 | 0.61 | 0.60 | 0.68 | 0.72 | 0.64 | 0.58 | 0.51 | 0.50 | 0.56 | 0.47 |
| 26 | 0.64 | 0.61 | 0.60 | 0.62 | 0.64 | 0.69 | 0.64 | 0.58 | 0.68 | 0.50 | 0.54 | 0.50 |
| 27 | 0.63 | 0.84 | 0.59 | 0.60 | 0.70 | 0.76 | 0.65 | 0.57 | 0.56 | 0.48 | 0.54 | 0.51 |
| 28 | 0.65 | 0.87 | 0.59 | 0.59 | 1.78 | 2.13 | 0.64 | 0.56 | 1.06 | 0.70 | 0.52 | --- |
| 29 | 0.62 | 0.63 | 0.59 | 0.68 | --- | 0.84 | 0.64 | 0.56 | 0.58 | 1.46 | 0.51 | --- |
| 30 | 0.61 | 0.63 | 0.60 | 0.94 | --- | 0.75 | 0.85 | 0.69 | 0.66 | 1.64 | 0.54 | 0.45 |
| 31 | 0.60 | --- | 0.61 | 0.64 | --- | 1.11 | --- | 0.57 | --- | 1.01 | 0.52 | --- |
| MEAN | 0.64 | 0.68 | 0.67 | 0.66 | 0.73 | 0.84 | --- | 0.68 | 0.65 | 0.76 | 0.62 | --- |
| MAX | 1.27 | 1.26 | 1.46 | 1.76 | 1.78 | 2.13 | --- | 1.34 | 1.65 | 1.76 | 1.46 | --- |
| MIN | 0.58 | 0.59 | 0.58 | 0.58 | 0.59 | 0.63 | --- | 0.56 | 0.51 | 0.48 | 0.50 | --- |

