

Water-Data Report 2008

**0214640410 LITTLE SUGAR CREEK BELOW 36TH STREET NEAR CHARLOTTE, NC**

Santee Basin  
Lower Catawba Subbasin

LOCATION.--Lat 35°15'01", long 80°48'30" referenced to North American Datum of 1983, Mecklenburg County, NC, Hydrologic Unit 03050103, on left bank 150 yards below 36th street, and approximately 150 yards above Norfolk Southern railway bridge and culvert, 1.9 mi southeast of city hall in Charlotte.

DRAINAGE AREA.--3.42 mi<sup>2</sup>, revised.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--December 2004 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 672.52 ft above North American Vertical Datum of 1988. Radio telemetry at station.

REMARKS.--Records good. Minimum gage height for current water year and period of record affected by regulation of unknown origin.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 15.14 ft, September 10, 2008; minimum gage height, 0.51 ft, November 8, 10, 2007.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 15.14 ft, September 10; minimum gage height, 0.51 ft, November 8, 10.

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**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    | 0.60 | 0.60 | 0.61 | 0.74 | 1.94 | 0.68 | 0.78 | 0.70 | 0.65 | 0.61 | 0.84 | 0.75 |
| 2    | 0.60 | 0.59 | 0.61 | 0.70 | 0.85 | 0.67 | 0.71 | 0.69 | 0.64 | 0.60 | 0.60 | 0.66 |
| 3    | 0.60 | 0.60 | 0.61 | 0.68 | 0.75 | 0.66 | 0.94 | 0.68 | 0.64 | 0.60 | 0.57 | 0.66 |
| 4    | 0.61 | 0.61 | 0.61 | 0.66 | 0.72 | 1.77 | 1.02 | 0.68 | 0.64 | 0.97 | 0.57 | 0.64 |
| 5    | 0.60 | 0.61 | 0.62 | 0.66 | 0.71 | 1.16 | 1.16 | 0.67 | 0.64 | 0.76 | 0.56 | 0.63 |
| 6    | 0.60 | 0.61 | 0.61 | 0.66 | ---  | 0.82 | 0.83 | 0.67 | 0.63 | 0.80 | 0.56 | 0.64 |
| 7    | 0.60 | 0.61 | 0.61 | 0.66 | ---  | 1.19 | 0.75 | 0.66 | 0.63 | 0.65 | 0.55 | 0.62 |
| 8    | 0.60 | 0.59 | 0.63 | 0.65 | 0.69 | 0.94 | 0.73 | 0.67 | 0.64 | 1.39 | 0.55 | 0.62 |
| 9    | 0.60 | 0.52 | 0.64 | 0.65 | 0.68 | 0.77 | 0.73 | 0.71 | 0.64 | 1.12 | 0.54 | 0.63 |
| 10   | 0.60 | 0.57 | 0.64 | 0.81 | 0.67 | 0.75 | 0.74 | 0.67 | 0.63 | 0.98 | 0.54 | 3.68 |
| 11   | 0.57 | 0.60 | 0.62 | 0.80 | 0.67 | 0.73 | 0.74 | 0.85 | 0.76 | 0.73 | 0.54 | 1.67 |
| 12   | 0.56 | 0.60 | 0.62 | 0.67 | 0.77 | 0.71 | 0.84 | 0.68 | 0.71 | 0.63 | 0.53 | 0.94 |
| 13   | 0.57 | 0.60 | 0.62 | 0.65 | 1.11 | 0.70 | 0.76 | 0.66 | 0.62 | 1.21 | 0.93 | 0.74 |
| 14   | 0.57 | 0.60 | 0.62 | 0.64 | 0.81 | 0.70 | 0.75 | 0.66 | 0.61 | 0.93 | 0.61 | 0.70 |
| 15   | 0.57 | 0.77 | 0.92 | 0.64 | 0.72 | 1.65 | 0.73 | 0.66 | 0.61 | 0.65 | 0.60 | 0.67 |
| 16   | 0.57 | 0.61 | 1.13 | 0.64 | 0.70 | 1.04 | 0.73 | 0.87 | 0.61 | 0.61 | 0.56 | 1.32 |
| 17   | 0.57 | 0.60 | 0.67 | 1.42 | 0.71 | 0.79 | 0.73 | 0.67 | 0.61 | 0.59 | 0.76 | 0.94 |
| 18   | 0.57 | 0.60 | 0.63 | 0.82 | 0.79 | 0.76 | 0.73 | 0.70 | 0.60 | 0.58 | 0.57 | 0.78 |
| 19   | 0.94 | 0.60 | 0.63 | 0.97 | 0.68 | 1.22 | 0.74 | 0.69 | 0.61 | 0.58 | 0.55 | 0.74 |
| 20   | 0.62 | 0.60 | 0.62 | 0.80 | 0.67 | 0.95 | 0.79 | 0.66 | 0.75 | 0.58 | 0.54 | 0.73 |
| 21   | 0.58 | 0.61 | 0.86 | 0.71 | 0.73 | 0.78 | 0.73 | 0.66 | 1.75 | 0.57 | 0.55 | 0.72 |
| 22   | 0.62 | 0.70 | 0.66 | 0.73 | 0.91 | 0.76 | 0.74 | 0.65 | 1.61 | 0.73 | 0.53 | 0.72 |
| 23   | 0.57 | 0.62 | 0.88 | 0.72 | 0.71 | 0.74 | 0.72 | 0.65 | 1.29 | 1.19 | 0.55 | 0.72 |
| 24   | 1.14 | 0.62 | 0.69 | 0.68 | 0.68 | 0.72 | 0.72 | 0.66 | 0.72 | 0.62 | 0.57 | 0.68 |
| 25   | 1.65 | 0.66 | 0.65 | 0.66 | 0.67 | 0.72 | 0.73 | 0.65 | 0.66 | 0.59 | 0.82 | 0.70 |
| 26   | 1.33 | 0.77 | 1.42 | 0.66 | 1.08 | 0.71 | 1.03 | 0.65 | 0.80 | 0.58 | 3.38 | 1.86 |
| 27   | 0.75 | 0.66 | 0.88 | 0.66 | 0.76 | 0.71 | 1.00 | 0.65 | 0.85 | 0.58 | 4.94 | 1.50 |
| 28   | 0.66 | 0.61 | 1.14 | 0.65 | 0.68 | 0.70 | 1.79 | 1.40 | 0.64 | 0.56 | 1.15 | 0.85 |
| 29   | 0.63 | 0.61 | 1.03 | 0.65 | 0.69 | 0.73 | 0.87 | 0.77 | 0.62 | 0.63 | 0.92 | 0.74 |
| 30   | 0.63 | 0.61 | 1.66 | 0.72 | ---  | 0.69 | 0.74 | 0.67 | 0.62 | 0.56 | 0.93 | 0.71 |
| 31   | 0.60 | ---  | 0.94 | 0.65 | ---  | 0.87 | ---  | 0.66 | ---  | 1.25 | 0.84 | ---  |
| Mean | 0.69 | 0.62 | 0.78 | 0.72 | ---  | 0.86 | 0.83 | 0.71 | 0.75 | 0.76 | 0.88 | 0.93 |
| Max  | 1.65 | 0.77 | 1.66 | 1.42 | ---  | 1.77 | 1.79 | 1.40 | 1.75 | 1.39 | 4.94 | 3.68 |
| Min  | 0.56 | 0.52 | 0.61 | 0.64 | ---  | 0.66 | 0.71 | 0.65 | 0.60 | 0.56 | 0.53 | 0.62 |

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