

Water-Data Report 2007

02146420 LITTLE SUGAR CREEK AT HILLSIDE AVE, CHARLOTTE, NC

Santee Basin
Lower Catawba Subbasin

LOCATION.--Lat 35°10'45", long 80°50'47" referenced to North American Datum of 1983, Mecklenburg County, NC, Hydrologic Unit 03050103, on right upstream end of bridge on Hillside Avenue, 1.8 mi upstream from Briar Creek, 3 mi south of city hall in Charlotte, NC.

DRAINAGE AREA.--15.4 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--May 2005 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 595.41 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, 12.57 ft, August 15, 2006; minimum gage height, 0.81 ft, September 12, 30, 2007.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 9.52 ft, July 27; minimum gage height, 0.81 ft, September 12, 30.

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GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.91	0.94	1.30	1.83	1.66	2.48	1.10	1.03	0.92	1.18	0.93	0.98
2	0.91	0.93	1.04	1.16	1.37	3.50	1.10	1.02	0.92	0.92	0.91	0.99
3	0.90	0.94	1.00	1.08	1.16	1.34	1.03	1.02	1.42	0.91	0.91	0.87
4	0.90	0.93	1.00	1.06	1.12	1.20	1.02	1.05	0.97	0.90	0.90	0.86
5	0.90	0.93	1.00	1.97	1.11	1.14	1.01	1.11	0.93	0.89	0.89	0.86
6	1.02	0.93	0.99	1.48	1.10	1.12	1.01	1.05	0.92	0.96	0.93	0.85
7	0.95	1.73	1.00	1.67	1.12	1.10	1.01	0.99	0.95	1.10	0.92	0.85
8	1.72	1.59	0.98	2.35	1.13	1.09	1.00	0.99	0.92	0.96	0.89	0.84
9	1.02	1.04	0.98	1.27	1.10	1.08	1.01	1.13	0.91	1.10	0.89	0.84
10	0.98	0.99	0.98	1.16	1.10	1.08	1.01	1.02	0.90	1.04	0.88	0.84
11	0.94	1.29	1.00	1.11	1.10	1.07	1.30	0.99	1.03	1.07	0.87	0.83
12	1.05	1.94	0.99	1.09	1.09	1.07	1.71	1.06	1.22	1.07	0.87	0.82
13	0.93	1.08	0.99	1.08	1.78	1.06	1.07	1.05	1.22	0.91	0.87	0.83
14	0.92	1.02	1.00	1.07	1.64	1.06	1.12	0.99	1.56	0.89	0.86	1.87
15	0.92	1.06	0.99	1.07	1.15	1.06	2.53	0.98	1.06	1.29	0.86	1.30
16	0.92	3.01	0.98	1.06	1.11	1.65	1.26	0.97	0.95	1.09	0.86	0.91
17	2.55	1.20	0.97	1.03	1.09	1.14	1.09	0.97	0.93	0.95	0.86	0.88
18	1.39	1.07	0.98	1.25	1.07	1.08	1.07	0.96	0.92	1.31	0.86	0.87
19	1.03	1.03	0.98	1.12	1.05	1.06	1.32	0.96	0.91	0.94	0.85	0.86
20	0.98	1.01	0.97	1.07	1.06	1.06	1.35	0.96	0.93	0.91	0.85	0.86
21	0.97	2.23	0.98	1.43	1.06	1.05	1.07	0.95	0.90	0.89	0.93	0.86
22	0.98	4.35	1.96	1.55	1.06	1.05	1.05	0.95	0.89	0.88	0.94	0.86
23	0.94	1.45	1.23	1.13	1.04	1.05	1.04	0.94	0.90	0.88	1.25	0.85
24	0.93	1.21	1.05	1.09	1.03	1.04	1.04	0.95	1.29	0.88	1.12	0.85
25	0.92	---	2.26	1.07	1.82	1.03	1.04	0.94	2.18	0.88	0.88	0.85
26	0.92	---	1.28	1.05	1.22	1.03	1.05	0.94	1.19	0.88	1.10	0.85
27	1.51	---	1.11	1.05	1.10	1.06	1.40	0.93	1.14	1.61	1.13	---
28	1.56	1.05	1.07	1.04	1.07	1.04	1.06	0.93	0.94	1.49	0.90	---
29	1.00	1.05	1.05	1.03	---	1.14	1.04	0.92	0.92	1.34	0.89	0.83
30	0.96	1.10	1.04	1.09	---	1.03	1.03	0.93	1.18	1.20	0.95	0.82
31	0.96	---	1.30	1.09	---	1.02	---	0.91	---	1.01	1.13	---
Mean	1.08	---	1.11	1.25	1.20	1.23	1.16	0.99	1.07	1.04	0.93	---
Max	2.55	---	2.26	2.35	1.82	3.50	2.53	1.13	2.18	1.61	1.25	---
Min	0.90	---	0.97	1.03	1.03	1.02	1.00	0.91	0.89	0.88	0.85	---

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