

Water-Data Report 2010

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.--15.0 mi².

SURFACE-WATER RECORDS

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

REVISED RECORDS.--WDR-US-2008: Drainage area.

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. Minimum gage height for current water year and period of record affected by upstream construction.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 13.34 ft, May 05, 2009 (from crest-stage gage); minimum gage height, 0.69 ft, August 9, 13, 2008.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 12.44 ft, June 1 (from crest-stage gage); minimum gage height, 0.82 ft, October 11.

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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	0.85	2.25	1.04	1.06	1.33	1.05	1.10	0.99	3.65	1.10	1.25	0.90
2	0.84	1.00	2.25	1.03	1.99	1.28	1.08	0.98	1.69	0.96	0.94	0.90
3	0.84	0.92	1.46	1.02	1.48	1.38	1.07	1.19	1.29	0.92	1.01	0.90
4	0.84	0.91	1.12	1.03	1.22	1.09	1.06	1.03	1.10	0.91	0.92	0.88
5	1.39	0.89	1.13	1.01	4.01	1.06	1.06	0.98	1.06	0.91	1.04	0.87
6	0.93	0.88	1.06	1.01	1.73	1.04	1.06	0.98	1.08	0.90	1.52	0.88
7	0.87	0.88	1.03	1.02	1.30	1.04	1.05	0.96	1.14	0.90	1.90	0.89
8	0.85	0.87	1.55	1.01	1.21	1.04	1.15	0.96	1.02	0.90	1.01	0.88
9	0.86	0.87	2.58	1.00	1.19	1.04	1.19	0.95	1.02	0.89	0.97	0.88
10	0.86	1.99	1.24	1.00	1.15	1.07	1.04	0.96	1.17	0.94	0.97	0.87
11	0.85	4.21	1.11	1.01	1.11	1.22	1.03	1.12	1.04	0.98	0.92	0.96
12	1.07	2.12	1.09	1.00	1.11	1.87	1.03	1.01	1.00	2.61	0.91	0.92
13	0.95	1.25	1.39	1.00	1.29	1.94	1.03	0.97	1.55	1.21	0.90	0.90
14	1.13	1.07	1.12	0.99	1.12	1.55	1.02	0.96	1.16	1.04	0.99	0.94
15	1.12	1.00	1.08	1.00	1.38	1.18	1.03	0.97	1.21	0.94	1.36	0.89
16	0.95	0.98	1.05	1.03	1.13	1.12	1.03	0.96	1.05	1.18	0.99	0.86
17	0.98	0.95	1.04	2.64	1.08	1.10	1.03	1.81	0.95	1.25	0.92	0.85
18	0.88	1.05	1.72	1.20	1.07	1.08	1.02	1.17	0.93	1.07	0.90	0.85
19	0.85	0.99	1.68	1.09	1.06	1.07	1.02	1.07	0.93	0.97	3.49	0.84
20	0.85	0.94	1.16	1.05	1.05	1.06	1.03	0.99	0.92	0.93	1.31	0.85
21	0.85	0.93	---	1.65	1.04	1.26	1.15	1.03	0.92	0.92	1.03	0.85
22	0.85	1.05	---	1.32	1.68	1.42	1.02	1.06	0.92	0.93	0.98	0.86
23	0.85	1.76	1.03	1.10	1.18	1.10	1.02	0.96	0.92	0.90	0.95	0.86
24	1.06	1.08	1.02	2.12	1.25	1.06	1.07	1.07	0.92	0.92	0.94	0.85
25	0.89	1.00	3.16	3.54	1.25	1.05	1.55	1.03	0.91	0.92	0.93	0.85
26	0.85	0.98	1.40	1.31	1.08	1.06	1.03	0.96	0.91	0.95	1.13	1.35
27	1.60	1.08	1.17	1.16	1.07	1.03	1.25	0.94	0.92	2.12	0.99	1.85
28	1.45	0.96	1.11	1.12	1.06	1.27	1.18	1.18	0.97	1.39	0.94	1.46
29	0.93	0.95	1.07	1.11	---	2.59	1.01	1.50	0.91	1.02	0.93	1.64
30	0.89	1.04	1.05	1.29	---	1.23	1.00	0.99	2.37	0.95	0.92	1.47
31	0.97	---	1.33	1.41	---	1.13	---	1.87	---	1.17	0.92	---
Mean	0.97	1.23	---	1.27	1.34	1.24	1.08	1.08	1.19	1.09	1.13	0.99
Max	1.60	4.21	---	3.54	4.01	2.59	1.55	1.87	3.65	2.61	3.49	1.85
Min	0.84	0.87	---	0.99	1.04	1.03	1.00	0.94	0.91	0.89	0.90	0.84

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