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Water-Data Report 2009

**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 mi<sup>2</sup>.

**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, 13.34 ft, May 05 (from crest-stage gage); minimum gage height, 0.76 ft, October 31.

**02146420 LITTLE SUGAR CREEK AT HILLSIDE AVE, CHARLOTTE, NC—Continued**

**GAGE HEIGHT, FEET**  
**WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**  
**DAILY MEAN VALUES**

<b>Day</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>
<b>1</b>	0.91	0.85	1.09	0.89	0.90	3.28	1.06	0.96	0.97	0.93	1.04	0.90
<b>2</b>	0.89	0.85	0.92	0.90	1.03	2.06	1.10	1.34	0.96	0.94	1.03	0.87
<b>3</b>	0.88	0.87	0.91	0.90	1.23	1.31	1.10	1.12	0.95	1.07	0.95	0.87
<b>4</b>	0.88	0.94	0.89	1.54	0.93	1.14	0.99	1.17	1.85	0.92	0.92	0.88
<b>5</b>	0.88	0.86	0.87	0.98	0.91	1.08	0.98	3.01	3.62	0.91	1.21	0.89
<b>6</b>	0.87	0.85	0.88	2.84	0.92	1.04	1.01	2.09	1.43	0.92	1.42	0.86
<b>7</b>	0.86	0.84	0.87	1.74	0.91	1.02	0.97	1.39	1.11	0.91	0.96	0.85
<b>8</b>	1.43	0.85	0.86	1.15	0.91	1.00	0.96	1.10	1.04	0.90	0.93	0.85
<b>9</b>	1.23	0.84	0.87	1.02	0.91	0.98	0.97	1.03	1.01	2.27	0.91	0.88
<b>10</b>	0.93	0.85	1.31	0.99	0.91	0.97	1.38	1.01	1.00	1.16	0.90	1.09
<b>11</b>	0.89	0.85	2.56	1.06	0.98	0.96	1.53	1.32	1.10	0.95	0.90	0.89
<b>12</b>	0.87	0.84	1.82	0.96	1.11	0.96	1.03	1.02	1.37	0.91	0.96	0.85
<b>13</b>	0.87	0.90	1.05	0.96	0.92	1.10	1.02	0.97	1.10	0.95	0.93	0.84
<b>14</b>	0.87	1.42	1.00	0.94	1.00	1.41	1.53	0.97	1.06	0.91	0.97	0.84
<b>15</b>	0.87	1.32	1.13	0.94	0.93	1.80	1.03	1.17	0.98	0.89	0.90	0.88
<b>16</b>	0.86	0.90	0.98	0.92	1.25	1.27	0.99	1.10	0.97	0.90	2.93	0.87
<b>17</b>	1.18	0.87	0.95	0.92	0.94	1.13	0.98	1.09	1.72	1.00	1.26	0.99
<b>18</b>	1.24	0.87	0.93	0.95	1.48	1.04	0.99	1.21	1.19	0.95	1.01	0.87
<b>19</b>	0.88	0.86	0.92	0.95	1.09	1.10	0.96	0.96	1.07	0.86	0.97	0.92
<b>20</b>	0.87	0.86	1.06	0.99	0.95	1.25	1.58	0.94	0.99	0.87	1.13	1.58
<b>21</b>	0.86	0.85	1.41	0.93	0.93	1.01	1.02	0.94	0.97	0.87	0.99	0.89
<b>22</b>	0.86	0.85	0.97	0.92	0.92	1.00	0.98	0.95	0.96	1.33	1.13	0.86
<b>23</b>	0.85	0.86	0.94	0.92	0.91	0.99	0.96	0.94	0.96	2.34	1.01	0.89
<b>24</b>	0.85	0.87	0.92	0.91	0.92	0.99	0.96	1.37	0.95	1.54	0.98	0.90
<b>25</b>	1.09	1.14	0.98	0.90	0.91	1.08	0.94	3.24	0.94	0.97	0.90	0.88
<b>26</b>	0.89	0.88	0.92	0.91	0.92	1.21	0.94	1.39	0.94	0.93	0.90	1.27
<b>27</b>	0.87	0.86	0.96	0.92	1.08	1.51	0.94	1.12	0.95	0.93	0.89	1.22
<b>28</b>	0.85	0.86	1.01	1.15	2.01	2.28	0.94	1.31	0.93	2.05	0.94	0.89
<b>29</b>	0.85	0.93	0.98	1.02	---	1.44	0.94	1.28	0.93	2.36	0.90	0.86
<b>30</b>	---	2.19	0.92	0.92	---	1.11	0.95	1.02	0.92	1.35	0.88	0.85
<b>31</b>	---	---	0.90	0.91	---	1.05	---	0.98	---	1.25	1.03	---
<b>Mean</b>	---	0.95	1.06	1.06	1.03	1.28	1.06	1.27	1.16	1.16	1.06	0.93
<b>Max</b>	---	2.19	2.56	2.84	2.01	3.28	1.58	3.24	3.62	2.36	2.93	1.58
<b>Min</b>	---	0.84	0.86	0.89	0.90	0.96	0.94	0.94	0.92	0.86	0.88	0.84

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