

Water-Data Report 2007

0214643860 BRIAR CREEK BELOW EDWARDS BRANCH NEAR CHARLOTTE, NC

Santee Basin
Lower Catawba Subbasin

LOCATION.--Lat 35°12'22", long 80°48'21" referenced to North American Datum of 1983, Mecklenburg County, NC, Hydrologic Unit 03050103, 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.

SURFACE-WATER RECORDS

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, from levels. Radio telemetry at station.

REMARKS.--Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height 11.08, July 17, 2004; minimum gage height 0.34, September 4, 2007.

EXTREMES FOR CURRENT YEAR.--Maximum gage height 9.81, March 2; minimum gage height 0.34, September 4, 2007.

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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	0.59	0.54	0.83	1.13	1.09	1.99	0.69	0.62	0.54	0.64	0.41	0.48
2	0.60	0.55	0.65	0.74	0.87	3.40	0.66	0.62	0.55	0.48	0.41	0.45
3	0.61	0.55	0.62	0.67	0.71	0.89	0.61	0.62	0.86	0.46	0.41	0.36
4	0.64	0.55	0.62	0.67	0.68	0.78	0.61	0.62	0.54	0.45	0.41	0.36
5	0.64	0.56	0.62	1.44	0.67	0.74	0.61	0.65	0.53	0.45	0.41	---
6	0.68	0.57	0.61	0.97	0.66	0.72	0.61	0.62	0.52	0.51	0.47	0.37
7	0.65	1.09	0.61	1.17	0.66	0.71	0.61	0.60	0.52	1.00	0.42	0.37
8	1.08	1.01	0.60	1.72	0.67	0.69	0.61	0.60	0.51	0.58	0.39	0.37
9	0.56	0.62	0.60	0.85	0.64	0.68	0.61	0.68	0.51	0.53	0.37	0.37
10	0.52	0.59	0.60	0.75	0.64	0.68	0.61	0.61	0.50	0.49	0.37	0.37
11	0.51	0.83	0.60	0.71	0.63	0.68	0.81	0.58	0.53	0.55	0.38	0.36
12	0.59	1.31	0.60	0.69	0.67	0.68	1.01	0.64	0.69	0.58	0.39	0.37
13	0.51	0.66	0.60	0.68	1.33	0.68	0.62	0.61	0.76	0.46	0.39	0.38
14	0.49	0.62	0.62	0.67	1.18	0.68	0.68	0.56	0.92	0.46	0.39	0.74
15	0.50	0.67	0.61	0.67	0.75	0.66	1.89	0.56	0.65	0.62	0.39	0.67
16	0.50	2.59	0.61	0.65	0.71	0.97	0.79	0.57	0.53	0.59	0.38	0.39
17	1.96	0.79	0.61	0.63	0.69	0.68	0.69	0.57	0.50	0.49	0.39	0.37
18	0.85	0.67	0.62	0.78	0.69	0.66	0.67	0.57	0.49	0.72	0.40	0.39
19	0.60	0.64	0.61	0.69	0.68	0.66	0.84	0.57	0.48	0.47	0.40	0.38
20	0.58	0.64	0.61	0.65	0.68	0.65	0.83	0.57	0.49	0.46	0.39	0.40
21	0.57	2.05	0.62	0.97	0.68	0.65	0.65	0.56	0.48	0.46	0.41	0.42
22	0.57	4.42	1.44	1.04	0.67	0.67	0.63	0.56	0.47	0.46	0.51	0.42
23	0.56	1.00	0.78	0.72	0.66	0.66	0.62	0.57	0.47	0.46	0.72	0.42
24	0.56	0.79	0.66	0.68	0.66	0.66	0.62	0.57	0.54	0.46	0.56	0.41
25	0.58	0.72	1.69	0.68	1.23	0.65	0.62	0.56	1.34	0.44	0.39	0.41
26	0.58	0.70	0.85	0.67	0.78	0.64	0.62	0.55	0.73	0.44	0.50	0.40
27	0.95	0.68	0.72	0.66	0.70	0.65	0.89	0.54	0.60	0.76	0.55	0.40
28	1.07	0.65	0.68	0.66	0.68	0.66	0.64	0.53	0.47	0.68	0.39	0.39
29	0.59	0.65	0.65	0.65	---	0.68	0.63	0.54	0.45	0.59	0.38	0.38
30	0.55	0.72	0.64	0.65	---	0.62	0.62	0.53	0.72	0.57	0.42	0.39
31	0.55	---	0.79	0.65	---	0.61	---	0.54	---	0.45	0.62	---
Mean	0.67	0.95	0.71	0.81	0.76	0.82	0.72	0.58	0.60	0.54	0.43	---
Max	1.96	4.42	1.69	1.72	1.33	3.40	1.89	0.68	1.34	1.00	0.72	---
Min	0.49	0.54	0.60	0.63	0.63	0.61	0.61	0.53	0.45	0.44	0.37	---

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