

Water-Data Report 2010

0214265808 TORRENCE CREEK AT BRADFORD HILL LANE NEAR HUNTERSVILLE, NC

Santee Basin
Upper Catawba Subbasin

LOCATION.--Lat 35°24'13", long 80°52'58" referenced to North American Datum of 1983, Mecklenburg County, NC, Hydrologic Unit 03050101, at Bradford Hill Lane, 2.4 mi west of Huntersville, NC

DRAINAGE AREA.--7.29 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--August 2007 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 663.73 ft above North American Vertical Datum of 1988. Radio telemetry at streamgage.

REMARKS.--Records fair, except those for estimated daily discharges, which are poor. This site shares a floodplain with a tributary to the site, streamflow at this site is augmented by contributing tributary flows once bankfull elevation is exceeded. Streamflows greater than about 720 ft³/sec (7.24 ft gage height) are not measured at this gage and are not accounted for in the computed streamflow record. Missing discharge values are days when the flow exceeded the rating. Streamgage temporarily removed July 27, 2010, due to stream restoration project and remained inactive through September 30, 2010.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	e0.62	56	5.3	5.8	9.3	4.5	8.1	3.9	50	3.9	---	---
2	e0.72	7.0	---	4.7	35	6.1	6.7	3.8	9.5	1.9	---	---
3	0.95	3.9	32	4.1	29	7.0	6.3	5.3	5.1	1.1	---	---
4	0.94	2.9	9.9	3.9	16	4.9	5.7	3.9	3.4	0.91	---	---
5	2.5	2.7	6.8	3.8	---	4.4	5.4	2.8	2.7	0.68	---	---
6	0.93	2.8	4.8	3.7	64	4.2	5.1	2.6	3.9	0.53	---	---
7	1.1	2.8	3.8	3.6	18	4.1	4.8	2.3	5.0	0.46	---	---
8	0.88	2.9	9.0	3.5	12	3.9	5.8	2.2	2.0	0.45	---	---
9	1.1	2.9	96	3.2	14	4.0	5.7	2.2	1.6	2.1	---	---
10	1.5	25	e12	3.2	12	4.4	4.4	2.1	1.5	2.4	---	---
11	1.6	---	e6.7	3.3	8.8	5.8	4.2	3.3	1.4	0.83	---	---
12	3.4	62	5.7	3.2	8.3	---	4.1	2.9	1.3	37	---	---
13	2.9	16	9.7	3.0	11	---	4.2	2.6	8.8	23	---	---
14	6.7	9.2	6.7	3.0	9.2	20	4.5	2.4	5.7	21	---	---
15	4.2	7.3	5.7	3.0	10	10	4.4	4.0	2.8	4.8	---	---
16	2.5	5.4	4.7	3.1	7.6	7.6	4.7	4.0	2.2	3.0	---	---
17	2.9	4.2	4.3	---	6.6	7.0	4.6	30	1.5	27	---	---
18	2.6	5.5	12	15	6.2	6.7	4.0	15	1.2	10	---	---
19	2.4	4.9	40	8.5	6.0	6.0	3.7	6.5	1.4	3.5	---	---
20	2.4	4.6	16	6.4	5.4	6.0	4.0	4.1	1.3	2.4	---	---
21	2.6	3.8	9.9	14	5.2	7.7	5.0	3.6	1.0	1.7	---	---
22	2.7	5.0	7.6	12	15	12	3.9	3.4	0.69	1.5	---	---
23	3.7	25	6.2	6.7	8.8	6.3	4.0	2.8	0.77	1.3	---	---
24	14	8.2	5.8	---	11	5.8	4.2	4.4	1.8	1.4	---	---
25	4.0	4.9	---	---	8.9	6.2	13	3.6	2.6	1.1	---	---
26	3.0	8.7	28	15	6.7	6.5	4.5	2.7	0.81	e1.1	---	---
27	20	12	11	9.0	6.0	5.4	12	2.2	0.65	---	---	---
28	26	7.0	7.6	7.1	4.9	---	10	4.0	0.47	---	---	---
29	4.2	5.7	6.0	6.1	---	---	4.7	5.2	0.47	---	---	---
30	3.0	5.8	4.9	8.5	---	19	4.0	2.6	12	---	---	---
31	7.2	---	8.4	8.4	---	11	---	9.2	---	---	---	---

SUMMARY STATISTICS^a

	Calendar Year 2009		Water Year 2010		Water Years 2007 - 2010	
Lowest daily mean	0.48	Sep 13	0.45	Jul 8	0.08	Sep 10, 2007
Annual seven-day minimum	0.65	Sep 11	0.86	Jul 2	0.09	Sep 5, 2007
Maximum peak stage			9.29	Jan 25	11.61	Aug 27, 2008
Instantaneous low flow			0.28	Jun 29	0.04	Sep 10, 2007

^a See Remarks.

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