



Water-Data Report 2010

**0214297160 BEAVERDAM CREEK ABOVE WINDY GAP ROAD NEAR SHOPTON, NC**

Santee Basin  
Upper Catawba Subbasin

LOCATION.--Lat 35°10'11", long 80°59'16" referenced to North American Datum of 1983, Mecklenburg County, NC, Hydrologic Unit 03050101, on right bank 200 ft above Windy Gap Road, and 1.6 mi west of North Carolina Highway 160 at Shopton.

DRAINAGE AREA.--4.47 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--January 2003 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 567.71 ft above North American Vertical Datum of 1988. Satellite and radio telemetry at streamgage.

REMARKS.--No estimated daily discharges. Records poor. No flow occurs at times most years. Peak discharge for period of record and current water year not determined due to variable backwater from Lake Wylie. Missing values on the daily values discharge table are days when flow exceeded rating.

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

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.06	4.6	1.2	2.1	3.1	1.6	3.4	0.87	---	0.08	1.9	0.02
2	0.05	1.1	---	1.7	14	2.1	2.9	0.85	10	0.06	0.33	0.01
3	0.05	0.42	17	1.5	12	2.8	2.5	0.97	7.1	0.05	0.07	0.01
4	0.03	0.25	3.6	1.4	6.1	2.0	2.2	0.96	2.6	0.04	0.07	0.00
5	0.39	0.34	2.4	1.3	---	1.8	2.0	0.78	1.7	0.04	0.06	0.00
6	0.21	0.50	1.7	1.3	31	1.7	1.8	0.69	1.5	0.04	0.09	0.01
7	0.18	0.59	1.3	1.2	8.0	1.6	1.7	0.57	1.6	0.04	0.46	0.00
8	0.11	0.61	3.5	1.2	4.5	1.5	1.9	0.42	1.1	0.03	0.24	0.02
9	0.17	0.63	---	1.1	3.5	1.5	1.9	0.40	1.0	0.03	0.03	0.02
10	0.14	5.9	7.1	1.0	3.0	1.6	1.6	0.46	0.83	0.06	0.01	0.05
11	0.12	64	3.0	1.0	2.6	2.0	1.5	0.81	0.59	0.06	0.01	0.05
12	0.12	9.7	2.4	1.0	2.3	20	1.5	0.65	0.59	5.5	0.00	0.02
13	0.30	3.2	2.9	0.97	2.6	23	1.4	0.45	1.7	2.3	0.00	0.00
14	0.39	1.9	2.5	0.97	2.3	11	1.4	0.31	1.5	1.0	0.00	0.00
15	1.4	1.3	2.0	0.98	2.7	5.2	1.3	0.22	0.65	0.58	2.9	0.00
16	1.1	1.1	1.6	1.0	2.4	3.6	1.2	0.22	0.55	0.87	1.1	0.00
17	0.82	1.0	1.3	---	2.0	3.1	1.1	2.2	0.70	0.61	0.74	0.00
18	0.88	1.0	16	7.3	1.7	2.5	1.1	1.7	0.55	0.13	0.44	0.00
19	0.67	1.0	24	3.4	1.6	2.1	1.1	0.90	0.29	0.42	5.1	0.00
20	0.66	1.0	4.0	2.6	1.5	1.9	1.1	0.73	0.24	0.34	2.0	0.00
21	0.61	0.98	2.3	8.5	1.4	2.3	1.3	0.88	0.15	0.06	0.84	0.00
22	0.59	1.2	1.9	8.1	5.8	3.4	1.1	0.95	0.12	0.04	0.59	0.00
23	0.51	5.4	1.7	3.3	3.7	2.4	0.95	0.54	0.10	0.03	0.26	0.00
24	0.59	2.3	1.5	---	2.9	1.9	1.0	0.65	0.09	0.07	0.11	0.00
25	0.71	1.7	---	---	2.6	1.9	2.1	0.74	0.07	0.09	0.28	0.00
26	0.54	1.5	18	12	2.3	1.9	1.3	0.55	0.07	0.01	0.10	0.00
27	2.6	1.3	5.7	4.0	2.0	1.8	1.4	0.34	0.06	0.00	0.06	8.1
28	3.2	1.2	3.4	3.0	1.8	2.6	1.5	1.1	0.06	0.01	0.05	7.8
29	0.45	1.1	2.6	2.5	---	63	1.1	5.4	0.06	0.02	0.03	2.6
30	0.16	1.1	2.2	2.7	---	7.7	0.99	1.3	0.09	0.02	0.02	2.0
31	0.20	---	2.6	2.6	---	4.2	---	3.1	---	0.53	0.01	---

**SUMMARY STATISTICS**

	Calendar Year 2009		Water Year 2010		Water Years 2003 - 2010	
<b>Lowest daily mean</b>	0.00	Jul 19	<sup>a</sup> 0.00	Jul 27	<sup>a</sup> 0.00	Sep 25, 2005
<b>Annual seven-day minimum</b>	0.00	Sep 12	0.00	Sep 13	0.00	Aug 3, 2007
<b>Maximum peak flow</b>			<sup>a</sup> Not Determined		<sup>a</sup> Not Determined	
<b>Maximum peak stage</b>			5.21	Jan 25	5.91	Jun 7, 2003
<b>Instantaneous low flow</b>			<sup>a</sup> 0.00	Jul 9	<sup>a</sup> 0.00	Sep 24, 2005

<sup>a</sup> See Remarks.

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