

Water-Data Report 2011

352231082325601 BRIDGE NO. 440008, BOYLSTON CREEK AT MILLS RIVER, NC

French Broad-Holston Basin
Upper French Broad Subbasin

LOCATION.--Lat 35°22'31.76", long 82°32'56.74" referenced to North American Datum of 1983, Henderson County, NC,
Hydrologic Unit 06010105, located on Ladson Road, approximately 1.5 miles southeast of Mills River, NC.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--May 2009 to April 2010.

GAGE.--Automated water sampler and stage/velocity sensor.

COOPERATION.--Station operated in cooperation with the North Carolina Department of Transportation.

**DISCHARGE, GALLONS PER MINUTE
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	0.00	0.00	0.00	---
2	---	---	---	---	---	---	---	---	0.00	0.00	0.85	0.00
3	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
4	---	---	---	---	---	---	---	---	1.4	0.00	0.45	0.00
5	---	---	---	---	---	---	---	---	1.6	0.87	2.1	0.00
6	---	---	---	---	---	---	---	---	0.00	0.18	0.00	0.00
7	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.45
8	---	---	---	---	---	---	---	---	0.00	0.00	0.00	1.0
9	---	---	---	---	---	---	---	---	0.00	0.97	0.00	0.40
10	---	---	---	---	---	---	---	---	7.1	0.00	1.6	0.00
11	---	---	---	---	---	---	---	---	1.2	0.00	0.00	0.00
12	---	---	---	---	---	---	---	---	0.00	0.00	0.21	0.00
13	---	---	---	---	---	---	---	---	0.00	0.49	0.00	0.00
14	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
15	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
16	---	---	---	---	---	---	---	---	0.62	0.00	0.70	0.00
17	---	---	---	---	---	---	---	---	0.34	0.00	0.00	0.00
18	---	---	---	---	---	---	---	---	0.19	0.00	0.00	---
19	---	---	---	---	---	---	---	---	0.00	0.00	0.23	---
20	---	---	---	---	---	---	---	---	0.00	0.00	0.86	---
21	---	---	---	---	---	---	---	---	1.6	0.00	0.00	11
22	---	---	---	---	---	---	---	---	0.00	1.1	0.00	---
23	---	---	---	---	---	---	---	---	0.00	0.52	0.00	---
24	---	---	---	---	---	---	---	---	0.00	0.00	0.00	---
25	---	---	---	---	---	---	---	---	0.00	5.3	0.00	0.00
26	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.18
27	---	---	---	---	---	---	---	---	0.00	0.54	0.54	0.00
28	---	---	---	---	---	---	---	3.5	0.00	0.85	0.98	---
29	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
30	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
31	---	---	---	---	---	---	---	0.00	---	0.00	0.78	---
Total	---	---	---	---	---	---	---	---	14.05	10.82	9.30	---
Mean	---	---	---	---	---	---	---	---	0.47	0.35	0.30	---
Max	---	---	---	---	---	---	---	---	7.1	5.3	2.1	---
Min	---	---	---	---	---	---	---	---	0.00	0.00	0.00	---

352231082325601 BRIDGE NO. 440008, BOYLSTON CREEK AT MILLS RIVER, NC—Continued

DISCHARGE, GALLONS PER MINUTE
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.52	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---
2	0.00	0.00	8.7	0.00	0.00	0.00	0.00	---	---	---	---	---
3	0.00	---	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---
4	0.00	---	0.00	0.00	---	0.00	0.00	---	---	---	---	---
5	0.00	0.00	0.00	0.00	---	---	0.00	---	---	---	---	---
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---
8	0.00	0.00	4.5	0.00	0.00	0.00	1.3	---	---	---	---	---
9	---	---	3.8	0.00	0.00	0.00	0.00	---	---	---	---	---
10	0.00	---	0.00	---	0.00	0.00	0.00	---	---	---	---	---
11	---	10	0.00	---	0.00	0.97	0.00	---	---	---	---	---
12	0.30	0.00	0.00	0.00	0.00	3.3	0.00	---	---	---	---	---
13	0.00	0.00	0.19	0.00	0.00	0.99	0.00	---	---	---	---	---
14	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
15	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
16	0.00	0.00	0.00	0.93	0.00	0.00	---	---	---	---	---	---
17	0.00	0.00	0.00	5.1	0.00	0.00	---	---	---	---	---	---
18	0.00	0.18	0.00	0.00	0.00	0.00	---	---	---	---	---	---
19	0.00	0.01	0.00	0.00	0.00	0.00	---	---	---	---	---	---
20	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
21	0.00	0.00	0.00	1.4	0.00	2.9	---	---	---	---	---	---
22	0.00	0.46	0.00	0.05	0.92	0.07	---	---	---	---	---	---
23	2.3	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
24	0.00	0.00	0.00	14	---	0.00	---	---	---	---	---	---
25	0.00	0.00	6.5	0.00	0.00	0.00	---	---	---	---	---	---
26	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---	---
27	6.6	0.00	0.00	0.00	0.00	---	---	---	---	---	---	---
28	0.61	0.00	0.00	0.00	0.00	0.80	---	---	---	---	---	---
29	0.00	0.00	0.00	0.00	---	0.00	---	---	---	---	---	---
30	0.00	0.02	0.00	0.00	---	0.00	---	---	---	---	---	---
31	2.8	---	0.00	0.00	---	0.00	---	---	---	---	---	---
Total	---	---	23.69	---	---	---	---	---	---	---	---	---
Mean	---	---	0.76	---	---	---	---	---	---	---	---	---
Max	---	---	8.7	---	---	---	---	---	---	---	---	---
Min	---	---	0.00	---	---	---	---	---	---	---	---	---

Water-Data Report 2011

**353708082182101 BRIDGE NO. 100494, SWANNANOA RIVER NEAR BLACK MOUNTAIN,
NC**

French Broad-Holston Basin
Upper French Broad Subbasin

LOCATION.--Lat 35°37'08.55", long 82°18'21.38" referenced to North American Datum of 1983, Buncombe County, NC,
Hydrologic Unit 06010105, located on Interstate 40, 1 mile east of Black Mountain, NC.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--March 2009 to April 2010.

GAGE.--Automated water sampler and stage/velocity sensor.

COOPERATION.--Station operated in cooperation with the North Carolina Department of Transportation.

353708082182101 BRIDGE NO. 100494, SWANNANOA RIVER NEAR BLACK MOUNTAIN, NC—Continued

DISCHARGE, GALLONS PER MINUTE
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	3.4	4.9	---	3.6	0.00	0.00
2	---	---	---	---	---	---	8.3	0.00	---	0.00	2.6	0.00
3	---	---	---	---	---	---	1.7	8.6	---	0.00	0.00	---
4	---	---	---	---	---	---	0.00	0.00	7.3	0.00	0.79	---
5	---	---	---	---	---	---	0.00	0.00	2.4	8.0	1.7	0.00
6	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
7	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	4.6
8	---	---	---	---	---	---	0.00	0.00	3.0	13	0.00	0.00
9	---	---	---	---	---	---	0.00	0.00	0.00	8.8	0.00	5.4
10	---	---	---	---	---	---	43	0.00	7.3	0.00	3.0	0.11
11	---	---	---	---	---	---	0.00	0.00	8.4	0.00	12	0.00
12	---	---	---	---	---	---	0.00	0.00	0.00	0.00	6.3	0.00
13	---	---	---	---	---	---	3.0	0.00	0.00	4.3	9.6	0.00
14	---	---	---	---	---	---	1.2	0.00	0.00	0.00	0.00	0.00
15	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
16	---	---	---	---	---	---	0.00	0.00	5.2	0.00	4.2	3.0
17	---	---	---	---	---	---	0.00	0.00	7.6	0.00	0.65	2.4
18	---	---	---	---	---	---	0.00	0.00	3.0	0.00	0.00	7.4
19	---	---	---	---	---	0.00	10	0.00	0.00	0.00	3.0	16
20	---	---	---	---	---	0.00	14	0.00	0.00	1.2	3.6	38
21	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.30	7.2
22	---	---	---	---	---	0.00	0.22	0.00	0.00	0.01	0.00	0.00
23	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	2.4	0.00
25	---	---	---	---	---	26	0.00	0.00	0.00	0.00	0.00	7.2
26	---	---	---	---	---	5.1	0.00	0.00	0.00	0.00	0.00	16
27	---	---	---	---	---	26	0.00	0.00	0.00	0.00	1.7	---
28	---	---	---	---	---	17	0.00	---	0.00	6.1	0.80	---
29	---	---	---	---	---	3.1	0.00	---	0.00	0.26	0.00	0.00
30	---	---	---	---	---	0.00	0.00	---	0.00	3.3	3.0	0.00
31	---	---	---	---	---	0.37	---	---	---	2.7	5.2	---
Total	---	---	---	---	---	---	84.82	---	---	51.27	60.84	---
Mean	---	---	---	---	---	---	2.83	---	---	1.65	1.96	---
Max	---	---	---	---	---	---	43	---	---	13	12	---
Min	---	---	---	---	---	---	0.00	---	---	0.00	0.00	---

353708082182101 BRIDGE NO. 100494, SWANNANOA RIVER NEAR BLACK MOUNTAIN, NC—Continued

DISCHARGE, GALLONS PER MINUTE
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	5.1	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---
2	0.00	0.00	39	0.00	0.00	1.0	0.00	---	---	---	---	---
3	---	0.00	0.00	---	0.00	0.00	0.00	---	---	---	---	---
4	---	---	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---
5	12	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---
6	0.18	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
7	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
8	0.00	0.00	6.1	0.00	0.00	0.00	---	---	---	---	---	---
9	0.00	0.00	6.1	---	0.00	0.00	---	---	---	---	---	---
10	0.00	45	0.00	---	0.00	0.00	---	---	---	---	---	---
11	0.00	23	0.00	---	0.00	6.6	---	---	---	---	---	---
12	---	0.00	0.00	---	0.00	15	---	---	---	---	---	---
13	---	0.00	4.8	---	0.00	0.28	---	---	---	---	---	---
14	---	0.00	0.00	---	0.00	0.00	---	---	---	---	---	---
15	0.61	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
16	0.31	0.00	0.00	2.7	0.00	0.00	---	---	---	---	---	---
17	0.00	6.5	0.00	24	0.00	0.00	---	---	---	---	---	---
18	0.00	7.1	0.37	0.00	0.00	0.00	---	---	---	---	---	---
19	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
20	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
21	0.00	0.00	0.00	2.7	0.00	23	---	---	---	---	---	---
22	0.00	5.5	0.00	0.00	4.8	7.2	---	---	---	---	---	---
23	11	0.32	0.00	0.00	0.00	0.00	---	---	---	---	---	---
24	1.2	0.00	0.50	42	0.00	0.00	---	---	---	---	---	---
25	0.00	0.00	3.1	0.00	0.00	1.8	---	---	---	---	---	---
26	0.00	0.00	0.00	0.00	0.00	0.08	---	---	---	---	---	---
27	14	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
28	1.7	0.00	0.00	0.00	0.00	20	---	---	---	---	---	---
29	0.00	0.00	0.00	0.00	---	0.00	---	---	---	---	---	---
30	0.00	1.8	0.00	0.00	---	0.00	---	---	---	---	---	---
31	7.8	---	0.00	0.00	---	0.00	---	---	---	---	---	---
Total	---	---	59.97	---	4.80	74.96	---	---	---	---	---	---
Mean	---	---	1.93	---	0.17	2.42	---	---	---	---	---	---
Max	---	---	39	---	4.8	23	---	---	---	---	---	---
Min	---	---	0.00	---	0.00	0.00	---	---	---	---	---	---

Water-Data Report 2011

354306082372601 BRIDGE NO. 100250, FLAT CREEK NEAR WEAVERVILLE, NC

French Broad-Holston Basin
Upper French Broad Subbasin

LOCATION.--Lat 35°43'06.96", long 82°37'26.18" referenced to North American Datum of 1983, Buncombe County, NC,
Hydrologic Unit 06010105, located on Lower Flat Creek Road (Secondary Road 1742), 3.5 miles west of Weaverville, NC.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--July 2009 to April 2010.

GAGE.--Automated water sampler and stage/velocity sensor.

COOPERATION.--Station operated in cooperation with the North Carolina Department of Transportation.

**DISCHARGE, GALLONS PER MINUTE
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	---	0.00	0.00
2	---	---	---	---	---	---	---	---	---	---	0.41	0.00
3	---	---	---	---	---	---	---	---	---	---	0.00	0.00
4	---	---	---	---	---	---	---	---	---	---	0.27	0.00
5	---	---	---	---	---	---	---	---	---	---	1.3	0.00
6	---	---	---	---	---	---	---	---	---	---	0.00	0.00
7	---	---	---	---	---	---	---	---	---	---	0.00	0.00
8	---	---	---	---	---	---	---	---	---	---	0.00	0.00
9	---	---	---	---	---	---	---	---	---	---	0.00	1.6
10	---	---	---	---	---	---	---	---	---	---	0.00	0.00
11	---	---	---	---	---	---	---	---	---	---	0.59	0.00
12	---	---	---	---	---	---	---	---	---	---	0.03	0.00
13	---	---	---	---	---	---	---	---	---	---	0.00	0.00
14	---	---	---	---	---	---	---	---	---	---	0.00	0.00
15	---	---	---	---	---	---	---	---	---	---	0.00	0.00
16	---	---	---	---	---	---	---	---	---	---	0.00	0.29
17	---	---	---	---	---	---	---	---	---	---	0.00	0.00
18	---	---	---	---	---	---	---	---	---	---	0.01	0.05
19	---	---	---	---	---	---	---	---	---	---	0.01	0.00
20	---	---	---	---	---	---	---	---	---	---	0.01	0.46
21	---	---	---	---	---	---	---	---	---	---	0.15	0.47
22	---	---	---	---	---	---	---	---	---	---	0.11	0.00
23	---	---	---	---	---	---	---	---	---	---	0.00	0.00
24	---	---	---	---	---	---	---	---	---	---	0.28	0.00
25	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
26	---	---	---	---	---	---	---	---	---	0.00	0.00	0.78
27	---	---	---	---	---	---	---	---	---	0.24	0.60	0.00
28	---	---	---	---	---	---	---	---	---	0.98	0.08	0.00
29	---	---	---	---	---	---	---	---	---	0.24	0.00	0.00
30	---	---	---	---	---	---	---	---	---	1.4	0.00	0.00
31	---	---	---	---	---	---	---	---	---	0.47	0.12	---
Total	---	---	---	---	---	---	---	---	---	---	3.97	3.65
Mean	---	---	---	---	---	---	---	---	---	---	0.13	0.12
Max	---	---	---	---	---	---	---	---	---	---	1.3	1.6
Min	---	---	---	---	---	---	---	---	---	---	0.00	0.00

354306082372601 BRIDGE NO. 100250, FLAT CREEK NEAR WEAVERVILLE, NC—Continued

DISCHARGE, GALLONS PER MINUTE
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.07	0.00	---	0.00	0.00	0.00	---	---	---	---	---
2	0.00	0.00	0.08	---	0.00	0.10	0.00	---	---	---	---	---
3	---	0.00	0.00	---	0.00	0.00	0.00	---	---	---	---	---
4	---	0.00	0.00	---	0.00	0.00	0.00	---	---	---	---	---
5	---	0.00	---	---	0.15	0.02	0.00	---	---	---	---	---
6	---	0.00	---	---	---	0.00	0.00	---	---	---	---	---
7	---	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---
8	---	0.00	0.38	0.00	0.00	0.00	1.4	---	---	---	---	---
9	---	0.00	0.38	0.00	0.04	0.00	0.00	---	---	---	---	---
10	---	1.5	0.00	0.00	0.00	---	0.00	---	---	---	---	---
11	---	0.63	0.00	0.00	0.00	0.07	0.00	---	---	---	---	---
12	---	0.00	0.00	---	0.00	0.35	---	---	---	---	---	---
13	---	0.00	0.15	0.00	0.00	0.00	---	---	---	---	---	---
14	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
15	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
16	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
17	0.00	0.00	0.00	0.06	0.00	0.00	---	---	---	---	---	---
18	0.00	0.02	0.00	0.00	0.00	0.00	---	---	---	---	---	---
19	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
20	0.00	0.00	0.00	0.04	0.00	0.00	---	---	---	---	---	---
21	0.00	0.00	0.00	0.00	0.00	0.28	0.00	---	---	---	---	---
22	0.00	0.00	0.00	0.00	0.08	0.00	0.00	---	---	---	---	---
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---
24	0.00	0.00	0.00	1.4	0.00	0.00	0.33	---	---	---	---	---
25	0.00	0.00	0.95	0.01	0.02	0.00	0.33	---	---	---	---	---
26	0.00	0.00	0.00	0.00	0.00	0.01	0.20	---	---	---	---	---
27	0.00	0.00	0.00	0.00	0.00	0.00	0.16	---	---	---	---	---
28	0.00	0.00	0.00	0.00	0.00	0.02	---	---	---	---	---	---
29	0.00	0.00	0.00	0.00	---	0.00	---	---	---	---	---	---
30	0.00	0.00	---	---	---	0.00	---	---	---	---	---	---
31	0.55	---	0.00	0.00	---	0.00	---	---	---	---	---	---
Total	---	2.22	---	---	---	---	---	---	---	---	---	---
Mean	---	0.07	---	---	---	---	---	---	---	---	---	---
Max	---	1.5	---	---	---	---	---	---	---	---	---	---
Min	---	0.00	---	---	---	---	---	---	---	---	---	---

Water-Data Report 2011

354728082321901 BRIDGE NO. 100734, BIG IVY CREEK NEAR MARS HILL, NC

French Broad-Holston Basin
Upper French Broad Subbasin

LOCATION.--Lat 35°47'28.63", long 82°32'19.77" referenced to North American Datum of 1983, Buncombe County, NC,
Hydrologic Unit 06010105, located at the intersection of Stockton Road and Bartlett Road at Forks of Ivy, NC

SURFACE-WATER RECORDS

PERIOD OF RECORD.--May 2009 to March 2010.

GAGE.--Automated water sampler and stage/velocity sensor.

COOPERATION.--Station operated in cooperation with the North Carolina Department of Transportation.

**DISCHARGE, GALLONS PER MINUTE
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	0.00	1.9	0.16	0.00
2	---	---	---	---	---	---	---	---	0.13	0.00	0.40	0.00
3	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
4	---	---	---	---	---	---	---	---	0.00	0.00	1.2	0.00
5	---	---	---	---	---	---	---	---	0.09	1.0	1.5	0.00
6	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
7	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
8	---	---	---	---	---	---	---	---	0.00	1.7	0.00	0.00
9	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.39
10	---	---	---	---	---	---	---	---	0.81	0.00	0.51	---
11	---	---	---	---	---	---	---	---	0.32	0.00	0.65	0.00
12	---	---	---	---	---	---	---	---	0.00	0.00	0.01	0.00
13	---	---	---	---	---	---	---	---	0.00	0.00	0.83	0.00
14	---	---	---	---	---	---	---	---	0.00	0.00	0.17	0.00
15	---	---	---	---	---	---	---	2.3	0.06	0.00	0.00	0.00
16	---	---	---	---	---	---	---	0.16	0.30	0.00	0.00	1.9
17	---	---	---	---	---	---	---	0.00	0.34	0.00	0.00	0.00
18	---	---	---	---	---	---	---	0.00	0.19	0.00	0.40	0.02
19	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
20	---	---	---	---	---	---	---	0.00	0.06	0.05	0.34	2.6
21	---	---	---	---	---	---	---	0.00	0.02	0.00	0.41	5.0
22	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
23	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
24	---	---	---	---	---	---	---	0.16	0.00	0.00	0.00	0.00
25	---	---	---	---	---	---	---	0.01	0.00	0.00	0.00	0.82
26	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	2.3
27	---	---	---	---	---	---	---	0.00	0.00	---	0.00	0.00
28	---	---	---	---	---	---	---	0.34	0.00	---	0.00	0.00
29	---	---	---	---	---	---	---	0.00	0.00	0.13	0.00	0.00
30	---	---	---	---	---	---	---	0.00	0.00	1.0	0.00	0.00
31	---	---	---	---	---	---	---	0.00	---	1.5	0.34	---
Total	---	---	---	---	---	---	---	---	2.32	---	6.92	---
Mean	---	---	---	---	---	---	---	---	0.08	---	0.22	---
Max	---	---	---	---	---	---	---	---	0.81	---	1.5	---
Min	---	---	---	---	---	---	---	---	0.00	---	0.00	---

354728082321901 BRIDGE NO. 100734, BIG IVY CREEK NEAR MARS HILL, NC—Continued

**DISCHARGE, GALLONS PER MINUTE
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---
2	0.00	---	0.01	0.00	0.00	0.00	0.00	---	---	---	---	---
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---
4	0.22	0.06	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---
5	1.1	0.00	0.00	0.00	0.20	0.00	0.00	---	---	---	---	---
6	0.03	0.00	0.00	0.00	0.01	0.00	0.00	---	---	---	---	---
7	0.18	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---
8	0.00	0.00	2.9	0.00	0.00	0.00	1.9	---	---	---	---	---
9	0.26	0.00	4.6	0.00	0.09	0.00	0.00	---	---	---	---	---
10	0.07	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---
11	0.00	0.00	0.00	0.00	0.00	0.38	0.00	---	---	---	---	---
12	0.25	0.00	0.00	0.00	0.08	2.0	---	---	---	---	---	---
13	0.00	0.00	1.1	0.00	0.32	0.00	---	---	---	---	---	---
14	1.7	0.00	0.00	0.00	0.00	0.05	---	---	---	---	---	---
15	0.20	0.00	0.00	0.00	0.03	0.00	---	---	---	---	---	---
16	0.00	0.00	0.00	0.00	0.41	0.00	---	---	---	---	---	---
17	0.00	0.00	0.00	0.56	0.19	0.00	---	---	---	---	---	---
18	0.00	0.00	0.14	0.00	0.33	0.00	---	---	---	---	---	---
19	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
20	0.00	0.00	0.00	0.18	0.00	0.00	---	---	---	---	---	---
21	0.00	0.00	0.00	0.10	0.00	0.58	---	---	---	---	---	---
22	0.00	0.00	0.00	0.00	0.48	0.22	---	---	---	---	---	---
23	0.31	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
24	0.03	0.00	0.00	0.40	0.00	0.00	---	---	---	---	---	---
25	0.00	0.00	1.9	0.00	0.11	0.00	---	---	---	---	---	---
26	0.00	0.00	0.00	0.00	0.00	0.05	---	---	---	---	---	---
27	0.42	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
28	---	0.00	0.00	0.00	0.00	0.61	---	---	---	---	---	---
29	---	0.00	0.00	0.00	---	0.00	---	---	---	---	---	---
30	---	0.47	0.00	0.00	---	0.00	---	---	---	---	---	---
31	---	---	0.00	0.00	---	0.00	---	---	---	---	---	---
Total	---	---	10.65	1.24	2.25	3.89	---	---	---	---	---	---
Mean	---	---	0.34	0.04	0.08	0.13	---	---	---	---	---	---
Max	---	---	4.6	0.56	0.48	2.0	---	---	---	---	---	---
Min	---	---	0.00	0.00	0.00	0.00	---	---	---	---	---	---

Water-Data Report 2011

354607082260901 BRIDGE NO. 100145, DILLINGHAM CREEK AT BARNARDSVILLE, NC

French Broad-Holston Basin
Upper French Broad Subbasin

LOCATION.--Lat 35°46'07.11", long 82°26'09.47" referenced to North American Datum of 1983, Buncombe County, NC,
Hydrologic Unit 06010105, located on Dillingham Road, approximately 1 mile west/southwest of Barnardsville, NC.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--May 2009 to April 2010.

GAGE.--Automated water sampler and stage/velocity sensor.

COOPERATION.--Station operated in cooperation with the North Carolina Department of Transportation.

**DISCHARGE, GALLONS PER MINUTE
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	0.00	2.7	0.19	0.00
2	---	---	---	---	---	---	---	---	0.00	0.00	0.52	0.00
3	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
4	---	---	---	---	---	---	---	---	0.29	0.00	1.1	0.02
5	---	---	---	---	---	---	---	---	0.66	8.2	2.8	0.00
6	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
7	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.28
8	---	---	---	---	---	---	---	---	0.00	1.8	0.00	0.00
9	---	---	---	---	---	---	---	---	0.00	5.1	0.00	3.0
10	---	---	---	---	---	---	---	---	0.00	0.00	0.24	0.00
11	---	---	---	---	---	---	---	---	1.2	0.00	0.71	0.00
12	---	---	---	---	---	---	---	---	0.00	0.00	0.37	0.00
13	---	---	---	---	---	---	---	---	0.00	0.50	0.01	0.00
14	---	---	---	---	---	---	---	---	0.00	0.00	0.10	0.00
15	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
16	---	---	---	---	---	---	---	---	7.6	0.56	0.00	1.0
17	---	---	---	---	---	---	---	---	11	0.00	0.00	0.00
18	---	---	---	---	---	---	---	---	2.2	0.00	0.26	3.6
19	---	---	---	---	---	---	---	---	0.00	0.00	0.33	0.00
20	---	---	---	---	---	---	---	---	0.07	0.51	0.10	5.0
21	---	---	---	---	---	---	---	---	0.00	0.00	6.3	0.09
22	---	---	---	---	---	---	---	---	0.31	0.39	0.00	0.00
23	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
24	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
25	---	---	---	---	---	---	---	2.0	0.00	0.00	0.00	0.00
26	---	---	---	---	---	---	---	5.2	0.00	0.00	0.00	2.8
27	---	---	---	---	---	---	---	25	0.00	0.56	0.45	0.00
28	---	---	---	---	---	---	---	9.6	2.1	0.76	0.38	0.00
29	---	---	---	---	---	---	---	0.00	0.00	0.20	0.00	0.00
30	---	---	---	---	---	---	---	0.00	0.00	0.42	0.26	0.00
31	---	---	---	---	---	---	---	0.00	---	0.77	2.5	---
Total	---	---	---	---	---	---	---	---	25.43	22.47	16.62	15.79
Mean	---	---	---	---	---	---	---	---	0.85	0.72	0.54	0.53
Max	---	---	---	---	---	---	---	---	11	8.2	6.3	5.0
Min	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00

**DISCHARGE, GALLONS PER MINUTE
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.10	---	0.00	0.00	0.00	0.00	---	---	---	---	---
2	0.00	0.00	3.8	0.00	0.23	7.8	0.00	---	---	---	---	---
3	0.00	0.00	0.00	0.00	0.00	0.77	0.00	---	---	---	---	---
4	0.00	0.00	0.00	0.00	0.00	0.04	0.00	---	---	---	---	---
5	0.96	0.00	0.00	0.00	2.3	0.00	0.00	---	---	---	---	---
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---
7	0.25	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---
8	0.00	0.00	0.36	0.00	0.00	0.00	10	---	---	---	---	---
9	0.62	0.00	2.8	0.00	4.9	0.00	0.00	---	---	---	---	---
10	0.10	23	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---
11	0.00	8.3	0.00	0.00	0.01	0.00	0.00	---	---	---	---	---
12	0.00	0.00	0.00	0.00	0.53	4.1	---	---	---	---	---	---
13	0.00	---	0.36	0.00	1.8	0.00	---	---	---	---	---	---
14	1.9	---	0.00	0.00	3.4	0.00	---	---	---	---	---	---
15	0.77	---	0.00	0.00	2.7	0.00	---	---	---	---	---	---
16	0.00	---	0.00	1.1	2.2	0.00	---	---	---	---	---	---
17	0.52	---	0.00	9.0	0.31	0.00	---	---	---	---	---	---
18	0.00	---	0.00	0.37	0.38	0.00	---	---	---	---	---	---
19	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
20	0.00	0.00	0.00	2.7	0.00	0.00	---	---	---	---	---	---
21	0.00	0.00	0.00	3.2	0.00	1.4	---	---	---	---	---	---
22	0.00	0.52	0.00	0.25	7.5	0.36	---	---	---	---	---	---
23	1.8	0.06	0.00	0.00	0.00	0.00	---	---	---	---	---	---
24	1.1	0.00	0.00	41	0.00	0.00	---	---	---	---	---	---
25	0.00	0.00	0.00	1.2	0.09	0.00	---	---	---	---	---	---
26	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
27	4.1	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
28	0.03	0.00	0.00	0.00	0.00	7.3	---	---	---	---	---	---
29	0.00	0.00	0.29	0.48	---	1.6	---	---	---	---	---	---
30	0.00	0.43	0.00	0.00	---	0.00	---	---	---	---	---	---
31	1.6	---	0.00	0.00	---	0.00	---	---	---	---	---	---
Total	13.75	---	---	59.30	26.35	23.37	---	---	---	---	---	---
Mean	0.44	---	---	1.91	0.94	0.75	---	---	---	---	---	---
Max	4.1	---	---	41	7.5	7.8	---	---	---	---	---	---
Min	0.00	---	---	0.00	0.00	0.00	---	---	---	---	---	---

Water-Data Report 2011

351911080450501 BRIDGE NO. 590296, MALLARD CREEK NEAR CHARLOTTE, NC

Upper Pee Dee Basin
Rocky Subbasin

LOCATION.--Lat 35°19'11.93", long 80°45'05.35" referenced to North American Datum of 1983, Mecklenburg County, NC, Hydrologic Unit 03040105, at bridge on U.S. Interstate 85, mile marker 45.5, 5 miles west of Harrisburg, NC.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--April 2009 to April 2010.

GAGE.--Automated water sampler and stage/velocity sensor.

COOPERATION.--Station operated in cooperation with the North Carolina Department of Transportation.

**DISCHARGE, GALLONS PER MINUTE
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
2	---	---	---	---	---	---	---	0.95	0.00	0.33	0.00	0.00
3	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
4	---	---	---	---	---	---	---	0.99	0.25	0.00	0.00	0.00
5	---	---	---	---	---	---	---	0.49	---	0.00	3.1	0.00
6	---	---	---	---	---	---	---	1.4	0.02	0.33	---	0.00
7	---	---	---	---	---	---	---	0.12	0.00	0.00	---	0.00
8	---	---	---	---	---	---	---	0.01	0.00	0.00	0.00	0.00
9	---	---	---	---	---	---	---	0.24	0.00	10	0.00	0.16
10	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	1.3
11	---	---	---	---	---	---	---	0.10	1.1	0.00	0.84	0.00
12	---	---	---	---	---	---	---	0.00	1.1	0.00	0.27	0.00
13	---	---	---	---	---	---	---	0.00	0.00	0.52	0.00	0.00
14	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
15	---	---	---	---	---	---	---	0.26	0.00	0.00	0.00	---
16	---	---	---	---	---	---	---	0.00	0.47	0.00	2.4	---
17	---	---	---	---	---	---	---	0.24	---	0.00	0.00	1.3
18	---	---	---	---	---	---	---	0.00	---	0.00	0.00	1.3
19	---	---	---	---	---	---	---	0.00	---	0.00	0.00	2.4
20	---	---	---	---	---	---	---	0.00	0.00	0.00	1.5	1.6
21	---	---	---	---	---	---	---	0.00	0.00	0.38	0.00	0.00
22	---	---	---	---	---	---	---	0.00	0.00	4.4	2.5	0.02
23	---	---	---	---	---	---	---	0.46	0.00	0.72	0.00	0.00
24	---	---	---	---	---	---	---	2.9	0.00	2.4	0.00	0.00
25	---	---	---	---	---	---	---	2.5	0.00	0.00	0.00	0.01
26	---	---	---	---	---	---	---	0.00	0.00	0.32	0.00	2.0
27	---	---	---	---	---	---	---	0.00	0.00	0.01	0.00	0.00
28	---	---	---	---	---	---	---	2.3	0.00	0.05	0.00	0.00
29	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
30	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
31	---	---	---	---	---	---	---	0.00	---	0.51	0.93	---
Total	---	---	---	---	---	---	---	12.96	---	19.97	---	---
Mean	---	---	---	---	---	---	---	0.42	---	0.64	---	---
Max	---	---	---	---	---	---	---	2.9	---	10	---	---
Min	---	---	---	---	---	---	---	0.00	---	0.00	---	---

351911080450501 BRIDGE NO. 590296, MALLARD CREEK NEAR CHARLOTTE, NC—Continued

**DISCHARGE, GALLONS PER MINUTE
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.00	0.00	0.38	0.00	---	---	---	---	---	---
2	0.00	0.00	7.2	0.00	3.9	2.6	---	---	---	---	---	---
3	0.00	0.00	0.00	---	0.81	0.16	---	---	---	---	---	---
4	0.00	0.00	0.00	---	0.44	0.00	---	---	---	---	---	---
5	2.0	---	0.14	---	18	0.00	---	---	---	---	---	---
6	0.00	0.00	0.00	---	0.00	0.00	0.00	---	---	---	---	---
7	0.00	0.00	---	---	0.00	0.00	0.00	---	---	---	---	---
8	0.00	0.00	4.3	---	0.00	---	0.42	---	---	---	---	---
9	0.54	0.00	3.4	---	0.29	---	0.00	---	---	---	---	---
10	0.02	12	0.00	---	0.15	---	0.00	---	---	---	---	---
11	0.00	16	---	---	---	---	0.00	---	---	---	---	---
12	0.78	1.0	---	---	0.03	7.1	0.00	---	---	---	---	---
13	0.00	0.00	1.1	---	---	0.95	0.00	---	---	---	---	---
14	---	0.00	0.00	---	0.02	0.37	0.00	---	---	---	---	---
15	---	0.00	0.00	---	1.5	0.00	0.00	---	---	---	---	---
16	0.00	0.00	0.00	4.4	0.00	0.00	0.00	---	---	---	---	---
17	---	0.00	0.00	13	---	0.00	0.00	---	---	---	---	---
18	0.00	0.64	4.1	0.00	---	0.00	0.00	---	---	---	---	---
19	0.00	0.10	0.62	0.00	---	---	0.00	---	---	---	---	---
20	0.00	0.00	0.00	0.00	0.00	---	0.55	---	---	---	---	---
21	---	0.00	---	4.1	0.00	1.6	0.20	---	---	---	---	---
22	0.00	1.5	---	---	3.9	1.1	0.00	---	---	---	---	---
23	0.00	2.4	---	---	0.40	0.00	0.00	---	---	---	---	---
24	0.60	0.00	---	---	0.69	0.00	0.55	---	---	---	---	---
25	0.00	0.00	15	---	0.02	0.00	1.6	---	---	---	---	---
26	0.00	1.6	0.00	---	---	0.01	0.00	---	---	---	---	---
27	7.1	0.00	0.00	---	0.00	0.00	3.0	---	---	---	---	---
28	0.17	0.00	0.00	0.00	0.00	6.4	---	---	---	---	---	---
29	---	0.00	---	1.1	---	4.8	---	---	---	---	---	---
30	---	0.82	---	0.27	---	0.00	---	---	---	---	---	---
31	---	---	1.2	0.00	---	0.00	---	---	---	---	---	---
Total	---	---	---	---	---	---	---	---	---	---	---	---
Mean	---	---	---	---	---	---	---	---	---	---	---	---
Max	---	---	---	---	---	---	---	---	---	---	---	---
Min	---	---	---	---	---	---	---	---	---	---	---	---

Water-Data Report 2011

360829078550901 BRIDGE NO. 310064, LITTLE RIVER NEAR ORANGE FACTORY, NC

Neuse Basin
Upper Neuse Subbasin

LOCATION.--Lat 36°08'29.82", long 78°55'09.69" referenced to North American Datum of 1983, Durham County, NC,
Hydrologic Unit 03020201, located on Patrick Road, approximately 6.5 miles north/northwest of Durham, NC.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--May 2009 to April 2010.

GAGE.--Automated water sampler and stage/velocity sensor.

COOPERATION.--Station operated in cooperation with the North Carolina Department of Transportation.

**DISCHARGE, GALLONS PER MINUTE
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
2	---	---	---	---	---	---	---	---	0.00	0.00	0.34	0.00
3	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
4	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
5	---	---	---	---	---	---	---	---	3.6	1.0	0.47	0.00
6	---	---	---	---	---	---	---	---	0.00	15	1.2	0.00
7	---	---	---	---	---	---	---	---	0.00	0.00	0.00	1.3
8	---	---	---	---	---	---	---	0.26	0.00	0.00	0.00	0.00
9	---	---	---	---	---	---	---	0.13	2.1	0.00	0.00	0.00
10	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
11	---	---	---	---	---	---	---	0.00	0.48	0.00	1.0	0.00
12	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
13	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
14	---	---	---	---	---	---	---	0.00	0.00	0.00	0.55	0.00
15	---	---	---	---	---	---	---	0.00	2.9	0.00	0.00	0.00
16	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
17	---	---	---	---	---	---	---	0.00	0.00	1.00	0.20	1.3
18	---	---	---	---	---	---	---	0.00	0.00	1.9	0.00	0.03
19	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
20	---	---	---	---	---	---	---	0.00	0.00	0.00	1.8	0.00
21	---	---	---	---	---	---	---	0.00	0.00	0.00	0.57	0.00
22	---	---	---	---	---	---	---	0.00	0.00	0.23	1.3	2.8
23	---	---	---	---	---	---	---	0.00	0.00	1.6	0.00	0.26
24	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
25	---	---	---	---	---	---	---	0.33	0.00	0.00	0.00	0.00
26	---	---	---	---	---	---	---	0.55	0.00	0.00	0.00	1.6
27	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.21
28	---	---	---	---	---	---	---	0.25	0.00	0.00	3.3	1.8
29	---	---	---	---	---	---	---	1.7	0.00	0.00	0.00	0.00
30	---	---	---	---	---	---	---	0.00	0.00	0.48	0.00	0.00
31	---	---	---	---	---	---	---	0.00	---	0.27	0.02	---
Total	---	---	---	---	---	---	---	---	9.08	21.48	10.75	---
Mean	---	---	---	---	---	---	---	---	0.30	0.69	0.35	---
Max	---	---	---	---	---	---	---	---	3.6	15	3.3	---
Min	---	---	---	---	---	---	---	---	0.00	0.00	0.00	---

360829078550901 BRIDGE NO. 310064, LITTLE RIVER NEAR ORANGE FACTORY, NC—Continued

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	0.00	0.05	0.00	0.00	0.01	0.00	0.01	---	---	---	---	---
2	0.00	0.00	0.10	0.00	0.09	0.00	0.01	---	---	---	---	---
3	0.00	0.00	0.01	0.00	0.09	0.00	0.01	---	---	---	---	---
4	0.00	---	0.00	0.00	0.00	0.01	0.01	---	---	---	---	---
5	0.00	0.00	0.05	0.00	0.08	0.00	0.01	---	---	---	---	---
6	0.00	0.00	0.00	0.00	0.09	0.00	---	---	---	---	---	---
7	0.01	0.00	0.00	0.00	0.02	0.00	---	---	---	---	---	---
8	0.00	0.00	0.03	0.01	0.02	0.00	---	---	---	---	---	---
9	0.01	0.00	0.06	---	0.04	0.00	---	---	---	---	---	---
10	0.01	0.06	0.00	---	0.00	0.01	---	---	---	---	---	---
11	0.00	0.16	0.00	---	0.01	0.05	---	---	---	---	---	---
12	0.02	0.11	0.00	---	0.00	0.05	---	---	---	---	---	---
13	0.00	0.06	0.05	---	0.00	0.04	---	---	---	---	---	---
14	0.00	0.00	0.00	---	0.00	0.05	---	---	---	---	---	---
15	0.01	0.00	0.00	0.00	0.02	0.01	---	---	---	---	---	---
16	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
17	0.00	0.00	0.00	0.12	0.00	0.00	---	---	---	---	---	---
18	0.00	0.04	0.00	0.00	0.00	0.00	---	---	---	---	---	---
19	0.00	0.03	0.09	0.02	0.00	0.00	---	---	---	---	---	---
20	0.00	0.00	0.01	0.00	0.00	0.00	---	---	---	---	---	---
21	0.00	0.00	0.00	0.03	0.00	0.01	---	---	---	---	---	---
22	0.00	0.01	0.00	0.00	0.02	0.01	---	---	---	---	---	---
23	0.01	0.08	0.00	0.00	0.01	0.01	---	---	---	---	---	---
24	0.05	0.00	0.00	0.03	0.02	0.01	---	---	---	---	---	---
25	0.00	0.00	0.09	0.14	0.00	0.01	---	---	---	---	---	---
26	0.01	0.01	0.04	0.00	0.00	0.02	---	---	---	---	---	---
27	0.04	0.00	0.00	0.00	0.00	0.01	---	---	---	---	---	---
28	0.04	0.00	0.00	0.00	0.00	0.03	---	---	---	---	---	---
29	0.01	0.00	0.00	0.00	---	0.08	---	---	---	---	---	---
30	0.00	0.01	0.00	0.00	---	0.01	---	---	---	---	---	---
31	0.01	---	0.04	0.00	---	0.00	---	---	---	---	---	---
Mean	0.01	---	0.02	---	0.02	0.01	---	---	---	---	---	---
Max	0.05	---	0.10	---	0.09	0.08	---	---	---	---	---	---
Min	0.00	---	0.00	---	0.00	0.00	---	---	---	---	---	---

Water-Data Report 2011

360908078540701 BRIDGE NO. 310005, MOUNTAIN CREEK NEAR BAHAMA, NC

Neuse Basin
Upper Neuse Subbasin

LOCATION.--Lat 36°09'08.59", long 78°54'07.77" referenced to North American Datum of 1983, Durham County, NC,
Hydrologic Unit 03020201, located on Bahama Road, approximately 7.5 miles north of Durham, NC.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--May 2009 to April 2010.

GAGE.--Automated water sampler and stage/velocity sensor.

COOPERATION.--Station operated in cooperation with the North Carolina Department of Transportation.

**DISCHARGE, GALLONS PER MINUTE
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
2	---	---	---	---	---	---	---	0.00	0.00	0.00	0.64	0.00
3	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
4	---	---	---	---	---	---	---	1.0	2.7	0.00	0.00	0.00
5	---	---	---	---	---	---	---	0.43	9.5	1.7	1.4	0.00
6	---	---	---	---	---	---	---	0.00	0.00	12	2.2	0.00
7	---	---	---	---	---	---	---	2.1	0.00	0.00	0.00	0.42
8	---	---	---	---	---	---	---	0.38	0.00	0.00	0.00	0.00
9	---	---	---	---	---	---	---	0.99	3.0	0.00	0.00	0.00
10	---	---	---	---	---	---	---	0.00	0.07	0.00	0.00	0.00
11	---	---	---	---	---	---	---	0.48	1.8	0.00	2.3	0.00
12	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
13	---	---	---	---	---	---	---	0.00	0.00	0.05	0.00	0.00
14	---	---	---	---	---	---	---	0.00	0.00	0.00	0.02	0.00
15	---	---	---	---	---	---	---	0.00	7.6	0.00	0.00	0.00
16	---	---	---	---	---	---	---	0.00	3.1	0.00	0.00	---
17	---	---	---	---	---	---	---	0.00	2.1	3.0	2.1	2.9
18	---	---	---	---	---	---	---	0.00	0.31	4.3	0.00	0.12
19	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
20	---	---	---	---	---	---	---	0.00	0.00	0.00	2.0	0.00
21	---	---	---	---	---	---	---	0.00	0.00	0.00	0.61	0.00
22	---	---	---	---	---	---	---	0.00	0.00	0.34	1.2	5.2
23	---	---	---	---	---	---	---	0.00	0.00	3.5	0.00	0.63
24	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
25	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
26	---	---	---	---	---	---	---	1.2	0.00	0.00	0.00	0.21
27	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.42
28	---	---	---	---	---	---	---	0.49	0.00	0.00	9.1	1.9
29	---	---	---	---	---	---	---	2.0	0.00	0.27	0.00	0.00
30	---	---	---	---	---	---	---	0.00	0.00	1.3	0.00	0.00
31	---	---	---	---	---	---	---	0.00	---	2.0	0.42	---
Total	---	---	---	---	---	---	---	---	30.18	28.46	21.99	---
Mean	---	---	---	---	---	---	---	---	1.01	0.92	0.71	---
Max	---	---	---	---	---	---	---	---	9.5	12	9.1	---
Min	---	---	---	---	---	---	---	---	0.00	0.00	0.00	---

360908078540701 BRIDGE NO. 310005, MOUNTAIN CREEK NEAR BAHAMA, NC—Continued

DISCHARGE, GALLONS PER MINUTE
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	5.4	0.00	0.00	1.5	0.00	0.00	---	---	---	---	---
2	0.00	0.00	18	0.00	1.1	0.23	0.00	---	---	---	---	---
3	0.00	0.00	0.00	0.00	0.13	0.00	0.00	---	---	---	---	---
4	0.00	---	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---
5	0.00	0.00	2.7	0.00	17	0.00	0.00	---	---	---	---	---
6	0.04	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
7	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
8	0.00	0.00	3.6	0.15	0.00	0.00	---	---	---	---	---	---
9	0.00	0.00	6.3	0.00	2.7	0.00	---	---	---	---	---	---
10	0.00	9.2	0.00	0.00	0.00	0.06	---	---	---	---	---	---
11	0.00	22	0.00	0.00	0.02	0.25	---	---	---	---	---	---
12	2.5	7.3	0.00	0.00	0.02	0.12	---	---	---	---	---	---
13	0.00	0.05	0.91	0.00	0.05	2.8	---	---	---	---	---	---
14	0.05	0.00	0.00	0.00	0.00	0.79	---	---	---	---	---	---
15	0.36	0.00	0.00	0.00	1.0	0.00	---	---	---	---	---	---
16	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
17	0.00	0.00	0.00	17	0.00	0.00	---	---	---	---	---	---
18	0.00	4.3	0.19	0.00	0.00	0.00	---	---	---	---	---	---
19	0.00	1.3	2.4	0.00	0.00	0.00	---	---	---	---	---	---
20	0.00	0.00	0.00	1.2	0.00	0.00	---	---	---	---	---	---
21	0.00	0.00	0.00	7.1	0.00	0.00	---	---	---	---	---	---
22	0.00	1.4	0.00	0.42	3.4	0.00	---	---	---	---	---	---
23	0.00	15	0.00	0.00	0.00	0.23	---	---	---	---	---	---
24	6.6	0.00	0.00	5.2	0.01	0.00	---	---	---	---	---	---
25	0.00	0.00	17	22	0.00	0.00	---	---	---	---	---	---
26	0.00	0.80	0.00	0.00	0.00	1.3	---	---	---	---	---	---
27	3.2	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
28	2.4	0.00	0.00	0.00	0.00	1.5	---	---	---	---	---	---
29	---	0.00	0.00	0.10	---	12	---	---	---	---	---	---
30	---	0.72	0.03	0.09	---	0.00	---	---	---	---	---	---
31	---	---	1.2	0.18	---	0.00	---	---	---	---	---	---
Total	---	---	52.33	53.44	26.93	19.28	---	---	---	---	---	---
Mean	---	---	1.69	1.72	0.96	0.62	---	---	---	---	---	---
Max	---	---	18	22	17	12	---	---	---	---	---	---
Min	---	---	0.00	0.00	0.00	0.00	---	---	---	---	---	---

Water-Data Report 2011

355247078325001 BRIDGE NO. 910124, PERRY CREEK NEAR RALEIGH, NC

Neuse Basin
Upper Neuse Subbasin

LOCATION.--Lat 35°52'47.50", long 78°32'50.13" referenced to North American Datum of 1983, Wake County, NC, Hydrologic Unit 03020201, located on Secondary Road 2006 (Perry Creek road), approximately 9 miles northeast of Raleigh, NC.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--April 2009 to April 2010.

GAGE.--Automated water sampler and stage/velocity sensor.

COOPERATION.--Station operated in cooperation with the North Carolina Department of Transportation.

**DISCHARGE, GALLONS PER MINUTE
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.10	0.00	0.54	0.44	0.00
2	---	---	---	---	---	---	---	0.00	0.00	0.00	0.07	0.00
3	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
4	---	---	---	---	---	---	---	0.90	3.8	0.00	0.00	0.00
5	---	---	---	---	---	---	---	1.7	3.9	0.00	0.13	0.00
6	---	---	---	---	---	---	---	0.64	0.00	---	4.4	0.00
7	---	---	---	---	---	---	---	0.76	0.00	0.00	0.00	9.9
8	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
9	---	---	---	---	---	---	---	0.04	0.00	0.00	0.00	0.00
10	---	---	---	---	---	---	---	0.00	1.4	0.12	0.00	0.00
11	---	---	---	---	---	---	---	0.42	0.00	0.00	0.00	0.00
12	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
13	---	---	---	---	---	---	---	0.00	0.00	2.5	0.06	0.00
14	---	---	---	---	---	---	0.29	0.00	0.00	0.00	0.00	0.00
15	---	---	---	---	---	---	0.00	0.00	0.89	0.00	0.00	0.00
16	---	---	---	---	---	---	0.00	1.4	2.7	0.00	0.00	0.73
17	---	---	---	---	---	---	0.00	0.67	0.03	0.42	1.8	0.99
18	---	---	---	---	---	---	0.00	0.00	0.22	0.01	0.00	0.04
19	---	---	---	---	---	---	0.00	0.00	0.00	0.63	0.00	0.00
20	---	---	---	---	---	---	1.4	0.00	0.00	2.9	0.00	0.00
21	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
22	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.32	15
23	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
24	---	---	---	---	---	---	---	0.62	0.00	2.8	0.00	0.00
25	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
26	---	---	---	---	---	---	---	2.8	0.00	0.00	0.00	0.71
27	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.32
28	---	---	---	---	---	---	---	0.52	0.00	0.52	0.49	2.8
29	---	---	---	---	---	---	---	1.0	0.00	0.16	0.23	0.00
30	---	---	---	---	---	---	---	0.00	0.00	0.44	0.00	0.00
31	---	---	---	---	---	---	---	0.00	---	0.38	0.68	---
Total	---	---	---	---	---	---	---	11.57	12.94	---	8.62	30.49
Mean	---	---	---	---	---	---	---	0.37	0.43	---	0.28	1.02
Max	---	---	---	---	---	---	---	2.8	3.9	---	4.4	15
Min	---	---	---	---	---	---	---	0.00	0.00	---	0.00	0.00

355247078325001 BRIDGE NO. 910124, PERRY CREEK NEAR RALEIGH, NC—Continued

DISCHARGE, GALLONS PER MINUTE
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	2.0	0.00	0.00	4.8	0.00	0.00	---	---	---	---	---
2	0.00	0.00	43	0.00	4.0	0.29	0.00	---	---	---	---	---
3	0.00	0.00	0.00	0.00	2.4	0.07	0.00	---	---	---	---	---
4	0.00	---	0.26	0.00	0.00	0.00	0.00	---	---	---	---	---
5	1.7	0.00	8.9	0.00	29	---	0.00	---	---	---	---	---
6	0.46	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---
8	0.00	0.00	18	0.28	0.00	0.00	0.42	---	---	---	---	---
9	0.00	0.00	21	0.00	0.44	0.00	---	---	---	---	---	---
10	0.00	6.4	0.00	0.00	0.00	1.8	---	---	---	---	---	---
11	0.27	19	0.00	0.00	0.00	1.8	---	---	---	---	---	---
12	2.3	4.5	0.00	0.00	0.09	0.07	---	---	---	---	---	---
13	0.00	0.09	4.9	0.00	0.32	1.6	---	---	---	---	---	---
14	1.4	0.00	0.00	0.00	0.00	0.89	---	---	---	---	---	---
15	0.54	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
16	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
17	0.00	0.00	0.00	22	0.00	0.00	---	---	---	---	---	---
18	0.00	3.5	3.1	0.00	0.00	0.00	---	---	---	---	---	---
19	0.00	2.2	7.5	0.00	0.00	0.00	---	---	---	---	---	---
20	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
21	0.00	0.00	0.00	3.8	0.00	0.00	---	---	---	---	---	---
22	0.00	1.8	0.00	0.02	0.83	0.88	---	---	---	---	---	---
23	0.00	6.1	0.00	0.00	0.00	0.11	---	---	---	---	---	---
24	0.74	0.00	0.00	0.23	0.00	0.00	---	---	---	---	---	---
25	0.00	0.00	11	14	0.00	0.00	---	---	---	---	---	---
26	0.04	0.13	0.00	0.00	0.00	0.36	---	---	---	---	---	---
27	0.00	0.06	0.00	0.00	0.00	0.00	---	---	---	---	---	---
28	1.4	0.00	0.00	0.00	0.00	0.04	---	---	---	---	---	---
29	0.00	0.00	0.00	1.7	---	2.7	---	---	---	---	---	---
30	0.00	2.7	0.12	0.36	---	0.00	---	---	---	---	---	---
31	0.13	---	2.2	0.52	---	0.00	---	---	---	---	---	---
Total	8.98	---	119.98	42.91	41.88	---	---	---	---	---	---	---
Mean	0.29	---	3.87	1.38	1.50	---	---	---	---	---	---	---
Max	2.3	---	43	22	29	---	---	---	---	---	---	---
Min	0.00	---	0.00	0.00	0.00	---	---	---	---	---	---	---

Water-Data Report 2011

354703078304801 BRIDGE NO. 911102, MANGO CREEK NEAR RALEIGH, NC

Neuse Basin
Upper Neuse Subbasin

LOCATION.--Lat 35°47'03", long 78°30'48" referenced to North American Datum of 1983, Wake County, NC, Hydrologic Unit 03020201, located directly beneath the I-540 overpass, on Lynwood Drive, approximately 2 miles west of Knightdale, NC.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--March 2009 to April 2010.

GAGE.--Automated water sampler and stage/velocity sensor.

COOPERATION.--Station operated in cooperation with the North Carolina Department of Transportation.

**DISCHARGE, GALLONS PER MINUTE
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	0.00	0.38	0.00	0.00	---	---
2	---	---	---	---	---	---	3.8	0.00	0.00	0.16	---	---
3	---	---	---	---	---	---	0.22	0.00	0.00	0.00	---	---
4	---	---	---	---	---	---	0.00	2.7	1.1	0.00	---	---
5	---	---	---	---	---	---	0.00	12	2.7	0.35	---	---
6	---	---	---	---	---	---	1.6	0.00	0.00	0.44	---	---
7	---	---	---	---	---	---	0.00	12	0.00	0.00	---	---
8	---	---	---	---	---	---	0.00	3.1	0.00	0.00	---	---
9	---	---	---	---	---	---	0.00	0.00	2.1	0.00	---	---
10	---	---	---	---	---	---	0.00	0.00	3.4	0.00	---	---
11	---	---	---	---	---	---	0.26	1.5	0.00	0.00	---	---
12	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---	---
13	---	---	---	---	---	---	0.00	0.00	0.00	2.2	---	---
14	---	---	---	---	---	0.39	1.9	0.00	0.00	0.00	---	---
15	---	---	---	---	---	5.4	0.00	0.00	0.38	0.00	---	---
16	---	---	---	---	---	1.8	0.00	0.79	17	0.00	---	---
17	---	---	---	---	---	0.00	0.00	13	0.11	2.6	---	---
18	---	---	---	---	---	0.00	0.00	0.00	1.1	---	---	---
19	---	---	---	---	---	6.0	0.00	0.00	0.00	---	---	---
20	---	---	---	---	---	2.2	1.5	---	0.00	---	---	---
21	---	---	---	---	---	0.00	0.00	---	0.00	---	---	---
22	---	---	---	---	---	0.00	---	---	0.00	---	---	---
23	---	---	---	---	---	0.00	---	---	0.00	---	---	---
24	---	---	---	---	---	0.00	---	---	0.00	---	---	---
25	---	---	---	---	---	0.00	---	---	0.00	---	---	---
26	---	---	---	---	---	10	---	0.25	0.00	---	---	---
27	---	---	---	---	---	15	---	0.00	0.00	---	---	---
28	---	---	---	---	---	29	---	0.08	0.00	---	---	---
29	---	---	---	---	---	0.00	---	0.00	0.00	---	---	---
30	---	---	---	---	---	0.00	0.00	0.00	0.00	---	---	---
31	---	---	---	---	---	0.00	---	0.00	---	---	---	---
Total	---	---	---	---	---	---	---	---	27.89	---	---	---
Mean	---	---	---	---	---	---	---	---	0.93	---	---	---
Max	---	---	---	---	---	---	---	---	17	---	---	---
Min	---	---	---	---	---	---	---	---	0.00	---	---	---

354703078304801 BRIDGE NO. 911102, MANGO CREEK NEAR RALEIGH, NC—Continued

DISCHARGE, GALLONS PER MINUTE
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---
2	---	---	28	0.00	2.6	6.4	0.00	---	---	---	---	---
3	---	---	4.3	0.00	5.9	6.5	0.00	---	---	---	---	---
4	---	---	0.01	0.00	0.07	0.00	0.00	---	---	---	---	---
5	---	---	8.6	0.00	52	0.00	0.00	---	---	---	---	---
6	---	---	0.00	0.00	0.13	0.00	0.00	---	---	---	---	---
7	---	---	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---
8	---	---	4.2	0.19	0.00	0.00	7.0	---	---	---	---	---
9	---	---	26	0.00	6.3	0.00	16	---	---	---	---	---
10	---	14	0.00	0.00	0.21	0.50	0.00	---	---	---	---	---
11	---	51	0.00	0.00	0.00	6.9	0.00	---	---	---	---	---
12	---	6.5	0.00	0.00	0.00	1.9	0.00	---	---	---	---	---
13	---	1.6	7.8	0.00	3.2	12	0.00	---	---	---	---	---
14	---	0.16	0.00	0.00	0.00	2.9	0.00	---	---	---	---	---
15	---	0.00	0.00	0.00	0.00	---	0.00	---	---	---	---	---
16	---	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---
17	---	0.00	0.00	35	0.00	0.00	0.00	---	---	---	---	---
18	---	2.9	2.4	0.00	0.00	0.00	0.00	---	---	---	---	---
19	---	6.3	11	0.00	0.00	0.00	0.00	---	---	---	---	---
20	---	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---
21	---	0.00	0.00	24	0.00	0.00	6.5	---	---	---	---	---
22	---	2.2	0.00	0.88	5.6	8.0	0.00	---	---	---	---	---
23	0.05	7.0	0.00	0.00	0.00	0.79	0.00	---	---	---	---	---
24	1.2	0.00	0.00	0.84	1.4	0.00	1.3	---	---	---	---	---
25	0.00	0.00	16	26	0.00	0.00	13	---	---	---	---	---
26	1.6	0.00	0.06	0.00	0.00	1.9	0.24	---	---	---	---	---
27	---	0.33	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---
28	---	0.00	0.00	0.00	0.00	1.5	---	---	---	---	---	---
29	---	0.00	0.00	0.00	---	61	---	---	---	---	---	---
30	---	2.5	0.00	0.11	---	0.00	---	---	---	---	---	---
31	---	---	6.7	0.00	---	0.00	---	---	---	---	---	---
Total	---	---	115.07	87.02	77.41	---	---	---	---	---	---	---
Mean	---	---	3.71	2.81	2.76	---	---	---	---	---	---	---
Max	---	---	28	35	52	---	---	---	---	---	---	---
Min	---	---	0.00	0.00	0.00	---	---	---	---	---	---	---

Water-Data Report 2011

354217078392201 BRIDGE NO. 910255, SWIFT CREEK AT GARNER, NC

Neuse Basin
Upper Neuse Subbasin

LOCATION.--Lat 35°42'17.91", long 78°39'22.69" referenced to North American Datum of 1983, Wake County, NC, Hydrologic Unit 03020201, located on Secondary Road 1006 (Old Stage Road), approximately 4.7 miles south/southwest of Raleigh, NC.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--May 2009 to March 2010.

GAGE.--Automated water sampler and stage/velocity sensor.

COOPERATION.--Station operated in cooperation with the North Carolina Department of Transportation.

354217078392201 BRIDGE NO. 910255, SWIFT CREEK AT GARNER, NC—Continued

DISCHARGE, GALLONS PER MINUTE
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	0.00	0.00	---	0.00
2	---	---	---	---	---	---	---	---	0.00	0.00	---	0.00
3	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
4	---	---	---	---	---	---	---	---	1.6	0.00	0.00	0.00
5	---	---	---	---	---	---	---	---	0.97	0.00	0.01	0.00
6	---	---	---	---	---	---	---	---	0.00	0.10	0.67	0.00
7	---	---	---	---	---	---	---	---	0.00	0.00	0.00	3.4
8	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.22
9	---	---	---	---	---	---	---	---	1.3	1.3	0.00	0.00
10	---	---	---	---	---	---	---	---	0.06	0.00	0.00	0.00
11	---	---	---	---	---	---	---	---	0.00	0.01	0.00	---
12	---	---	---	---	---	---	---	---	0.00	0.00	0.00	---
13	---	---	---	---	---	---	---	0.00	0.00	1.4	0.00	0.00
14	---	---	---	---	---	---	---	0.32	0.00	0.00	0.00	0.00
15	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
16	---	---	---	---	---	---	---	0.00	---	0.21	0.00	0.00
17	---	---	---	---	---	---	---	5.3	0.09	0.96	0.44	1.3
18	---	---	---	---	---	---	---	0.04	0.03	0.38	0.00	0.00
19	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
20	---	---	---	---	---	---	---	0.00	0.00	0.08	0.00	0.00
21	---	---	---	---	---	---	---	0.00	0.00	0.00	0.80	0.00
22	---	---	---	---	---	---	---	0.00	0.00	0.04	0.93	2.4
23	---	---	---	---	---	---	---	0.00	0.00	0.46	0.00	0.14
24	---	---	---	---	---	---	---	0.00	0.00	3.8	0.00	0.00
25	---	---	---	---	---	---	---	0.13	0.00	0.16	0.00	0.00
26	---	---	---	---	---	---	---	0.92	0.00	0.00	0.00	0.00
27	---	---	---	---	---	---	---	0.00	0.00	1.1	0.00	0.14
28	---	---	---	---	---	---	---	0.89	0.00	0.00	0.48	0.00
29	---	---	---	---	---	---	---	0.00	0.00	0.20	0.10	0.00
30	---	---	---	---	---	---	---	0.00	0.00	0.16	0.00	0.00
31	---	---	---	---	---	---	---	0.00	---	---	1.8	---
Total	---	---	---	---	---	---	---	---	---	---	---	---
Mean	---	---	---	---	---	---	---	---	---	---	---	---
Max	---	---	---	---	---	---	---	---	---	---	---	---
Min	---	---	---	---	---	---	---	---	---	---	---	---

354217078392201 BRIDGE NO. 910255, SWIFT CREEK AT GARNER, NC—Continued

DISCHARGE, GALLONS PER MINUTE
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
2	0.00	0.00	6.6	---	0.13	1.1	---	---	---	---	---	---
3	0.00	0.00	0.07	---	0.04	0.78	---	---	---	---	---	---
4	0.00	---	0.00	---	0.00	0.00	---	---	---	---	---	---
5	0.00	0.00	0.11	---	5.6	---	---	---	---	---	---	---
6	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	---	---
7	0.00	0.00	0.00	---	---	---	---	---	---	---	---	---
8	0.00	0.00	0.69	---	---	0.00	---	---	---	---	---	---
9	0.00	0.00	3.0	---	1.0	0.00	---	---	---	---	---	---
10	0.00	3.5	0.00	---	0.00	0.74	---	---	---	---	---	---
11	0.06	12	---	---	0.00	0.18	---	---	---	---	---	---
12	0.00	0.61	---	0.00	0.00	0.08	---	---	---	---	---	---
13	0.00	0.00	0.27	---	0.03	3.9	---	---	---	---	---	---
14	0.61	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
15	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	---	---
16	0.00	0.00	0.00	---	0.00	0.00	---	---	---	---	---	---
17	0.00	0.00	---	12	0.00	---	---	---	---	---	---	---
18	0.00	1.2	0.25	0.00	0.00	0.00	---	---	---	---	---	---
19	0.00	0.00	0.13	0.00	---	0.00	---	---	---	---	---	---
20	0.00	0.00	---	0.00	---	0.00	---	---	---	---	---	---
21	0.00	0.00	---	4.3	---	0.00	---	---	---	---	---	---
22	0.00	0.34	---	0.00	1.6	0.05	---	---	---	---	---	---
23	0.00	0.89	---	0.00	0.00	0.00	---	---	---	---	---	---
24	0.08	0.00	---	0.16	0.74	0.00	---	---	---	---	---	---
25	0.00	0.00	6.4	4.2	0.37	0.00	---	---	---	---	---	---
26	0.00	0.00	0.00	0.00	0.00	0.16	---	---	---	---	---	---
27	0.00	0.00	0.00	0.00	---	0.00	---	---	---	---	---	---
28	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
29	0.00	0.00	---	0.00	---	3.2	---	---	---	---	---	---
30	0.00	0.82	---	---	---	---	---	---	---	---	---	---
31	0.00	---	1.5	---	---	---	---	---	---	---	---	---
Total	0.75	---	---	---	---	---	---	---	---	---	---	---
Mean	0.02	---	---	---	---	---	---	---	---	---	---	---
Max	0.61	---	---	---	---	---	---	---	---	---	---	---
Min	0.00	---	---	---	---	---	---	---	---	---	---	---

Water-Data Report 2011

353633078411001 BRIDGE NO. 910273, MIDDLE CREEK NEAR FUQUAY-VARINA, NC

Neuse Basin
Upper Neuse Subbasin

LOCATION.--Lat 35°36'33.65", long 78°41'10.66" referenced to North American Datum of 1983, Wake County, NC, Hydrologic Unit 03020201, located on Secondary Road 2006 (Old Stage Road), approximately 11.5 miles south of Raleigh, NC.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--May 2009 to April 2010.

GAGE.--Automated water sampler and stage/velocity sensor.

COOPERATION.--Station operated in cooperation with the North Carolina Department of Transportation.

**DISCHARGE, GALLONS PER MINUTE
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
2	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
3	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
4	---	---	---	---	---	---	---	---	1.3	0.00	0.00	0.00
5	---	---	---	---	---	---	---	---	0.90	0.14	0.00	0.00
6	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
7	---	---	---	---	---	---	---	---	0.00	0.00	0.00	1.8
8	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
9	---	---	---	---	---	---	---	---	1.1	0.03	0.00	0.00
10	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
11	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
12	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
13	---	---	---	---	---	---	---	0.00	0.00	1.9	0.00	0.00
14	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
15	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
16	---	---	---	---	---	---	---	0.01	3.2	0.00	0.00	0.00
17	---	---	---	---	---	---	---	3.8	0.19	0.09	0.00	0.06
18	---	---	---	---	---	---	---	0.00	0.39	0.00	0.00	0.00
19	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
20	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
21	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
22	---	---	---	---	---	---	---	0.00	0.00	0.12	0.71	1.1
23	---	---	---	---	---	---	---	0.29	0.00	0.07	0.00	0.00
24	---	---	---	---	---	---	---	0.00	0.00	0.38	0.00	0.00
25	---	---	---	---	---	---	---	0.71	0.00	0.18	0.00	0.00
26	---	---	---	---	---	---	---	0.05	0.00	0.00	0.00	0.02
27	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.12
28	---	---	---	---	---	---	---	0.39	0.00	0.00	0.36	0.00
29	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
30	---	---	---	---	---	---	---	0.31	0.00	0.00	0.00	0.00
31	---	---	---	---	---	---	---	0.00	---	0.00	0.89	---
Total	---	---	---	---	---	---	---	---	7.08	2.91	1.96	3.10
Mean	---	---	---	---	---	---	---	---	0.24	0.09	0.06	0.10
Max	---	---	---	---	---	---	---	---	3.2	1.9	0.89	1.8
Min	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00

353633078411001 BRIDGE NO. 910273, MIDDLE CREEK NEAR FUQUAY-VARINA, NC—Continued

**DISCHARGE, GALLONS PER MINUTE
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.40	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---
2	0.00	0.00	3.6	0.00	0.07	0.07	0.00	---	---	---	---	---
3	0.00	0.00	0.00	0.00	0.11	0.00	0.00	---	---	---	---	---
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---
5	0.44	0.00	0.29	0.00	11	0.00	0.00	---	---	---	---	---
6	0.42	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
7	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
8	0.00	0.00	0.69	0.00	0.00	0.00	---	---	---	---	---	---
9	0.00	0.00	1.8	0.00	1.1	0.00	---	---	---	---	---	---
10	0.00	4.7	0.00	0.00	0.00	0.06	---	---	---	---	---	---
11	0.18	8.3	0.00	0.00	0.00	0.27	---	---	---	---	---	---
12	0.42	0.34	0.00	0.00	0.00	0.00	---	---	---	---	---	---
13	0.00	0.02	0.07	0.00	0.12	2.0	---	---	---	---	---	---
14	0.58	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
15	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
16	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
17	0.00	0.00	0.00	10	0.00	0.00	---	---	---	---	---	---
18	0.00	0.75	0.21	0.00	0.00	0.00	---	---	---	---	---	---
19	0.00	0.00	0.10	0.00	0.00	0.00	---	---	---	---	---	---
20	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
21	0.00	0.00	0.00	5.7	0.00	0.00	---	---	---	---	---	---
22	0.00	0.30	0.00	0.00	0.97	0.06	---	---	---	---	---	---
23	0.00	0.68	0.00	0.00	0.00	0.00	---	---	---	---	---	---
24	0.05	0.00	0.00	0.14	0.00	0.00	---	---	---	---	---	---
25	0.00	0.00	3.3	4.5	0.00	0.00	---	---	---	---	---	---
26	0.00	0.01	0.00	0.00	0.00	0.07	---	---	---	---	---	---
27	0.08	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
28	0.51	0.00	0.00	0.00	0.00	0.08	---	---	---	---	---	---
29	0.00	0.00	0.00	0.00	---	3.1	---	---	---	---	---	---
30	0.00	0.41	0.03	0.00	---	0.00	---	---	---	---	---	---
31	0.05	---	0.54	0.00	---	0.00	---	---	---	---	---	---
Total	2.73	15.91	10.63	20.34	13.37	5.71	---	---	---	---	---	---
Mean	0.09	0.53	0.34	0.66	0.48	0.18	---	---	---	---	---	---
Max	0.58	8.3	3.6	10	11	3.1	---	---	---	---	---	---
Min	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---

Water-Data Report 2011

344516078172101 BRIDGE NO. 810014, BLACK RIVER NEAR TOMAHAWK, NC

Cape Fear Basin
Black Subbasin

LOCATION.--Lat 34°45'16.93", long 78°17'21.00" referenced to North American Datum of 1983, Sampson County, NC, Hydrologic Unit 03030006, located on North Carolina Highway 411, 30 miles east/southeast of Fayetteville, NC.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--April 2009 to April 2010.

GAGE.--Automated water sampler and stage/velocity sensor.

COOPERATION.--Station operated in cooperation with the North Carolina Department of Transportation.

344516078172101 BRIDGE NO. 810014, BLACK RIVER NEAR TOMAHAWK, NC—Continued

DISCHARGE, GALLONS PER MINUTE
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
DAILY MEAN VALUES
 [&, affected value]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	0.00	---	0.00	0.00
2	---	---	---	---	---	---	---	0.00	0.00	---	0.93	0.00
3	---	---	---	---	---	---	0.00	0.00	0.00	---	1.6	0.00
4	---	---	---	---	---	---	0.00	0.65	---	---	0.00	0.00
5	---	---	---	---	---	---	0.00	0.96	3.7	---	0.00	0.00
6	---	---	---	---	---	---	0.00	0.00	0.04	1.2	0.00	0.00
7	---	---	---	---	---	---	0.00	---	0.63	0.00	0.00	0.01
8	---	---	---	---	---	---	0.00	---	---	0.00	0.00	0.00
9	---	---	---	---	---	---	0.00	---	---	0.00	0.00	0.00
10	---	---	---	---	---	---	0.00	---	---	0.00	0.00	0.00
11	---	---	---	---	---	---	0.78	---	---	0.00	0.78	0.00
12	---	---	---	---	---	---	0.00	---	---	0.00	0.31	0.00
13	---	---	---	---	---	---	0.00	---	---	0.07	0.43	0.00
14	---	---	---	---	---	---	4.3	---	---	0.00	6.2	0.00
15	---	---	---	---	---	---	0.08	0.01	---	0.00	0.00	0.00
16	---	---	---	---	---	---	0.00	0.03	---	0.20	0.36	0.13
17	---	---	---	---	---	---	0.00	0.10	---	0.55	0.00	0.34
18	---	---	---	---	---	---	0.00	0.00	---	0.48	0.00	0.00
19	---	---	---	---	---	---	0.00	0.00	---	0.00	0.00	0.00
20	---	---	---	---	---	---	1.9	0.00	---	0.00	0.00	0.00
21	---	---	---	---	---	---	0.32	0.00	---	0.00	0.00	0.00
22	---	---	---	---	---	---	0.00	0.00	---	&5.0	---	0.54
23	---	---	---	---	---	---	0.00	0.00	---	0.03	---	0.95
24	---	---	---	---	---	---	0.00	0.00	---	1.5	0.00	0.00
25	---	---	---	---	---	---	0.00	0.00	---	0.00	0.00	1.2
26	---	---	---	---	---	---	0.00	0.00	---	0.00	0.00	0.54
27	---	---	---	---	---	---	0.00	---	---	0.02	0.06	0.00
28	---	---	---	---	---	---	0.00	0.00	---	0.00	0.30	0.00
29	---	---	---	---	---	---	0.00	0.37	---	1.0	0.00	0.00
30	---	---	---	---	---	---	0.00	0.00	---	0.23	1.2	0.00
31	---	---	---	---	---	---	---	0.00	---	0.85	0.62	---
Total	---	---	---	---	---	---	---	---	---	---	---	3.71
Mean	---	---	---	---	---	---	---	---	---	---	---	0.12
Max	---	---	---	---	---	---	---	---	---	---	---	1.2
Min	---	---	---	---	---	---	---	---	---	---	---	0.00

344516078172101 BRIDGE NO. 810014, BLACK RIVER NEAR TOMAHAWK, NC—Continued

DISCHARGE, GALLONS PER MINUTE
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---
2	0.00	0.00	1.5	0.00	0.94	0.12	0.00	---	---	---	---	---
3	0.00	0.00	0.05	0.00	0.00	0.00	0.00	---	---	---	---	---
4	0.00	---	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---
5	0.45	0.00	0.24	0.00	7.3	---	0.00	---	---	---	---	---
6	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
7	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
8	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
9	0.00	0.00	0.81	---	---	0.00	---	---	---	---	---	---
10	0.00	0.77	0.00	---	---	0.00	---	---	---	---	---	---
11	0.00	0.88	0.00	---	---	1.4	---	---	---	---	---	---
12	0.03	0.01	0.00	---	0.00	0.00	---	---	---	---	---	---
13	0.00	0.00	0.01	---	0.08	0.01	---	---	---	---	---	---
14	0.26	0.00	0.00	---	0.00	0.00	---	---	---	---	---	---
15	0.00	0.00	0.00	0.00	0.06	0.00	---	---	---	---	---	---
16	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
17	0.00	0.00	0.00	4.7	0.00	0.00	---	---	---	---	---	---
18	0.00	0.00	0.09	0.00	0.00	0.00	---	---	---	---	---	---
19	0.00	0.39	0.01	0.00	0.00	0.00	---	---	---	---	---	---
20	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
21	0.00	0.00	0.00	2.6	0.00	0.00	---	---	---	---	---	---
22	0.00	0.38	0.00	0.37	2.0	0.29	---	---	---	---	---	---
23	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
24	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
25	0.00	0.00	2.6	7.9	0.00	0.00	---	---	---	---	---	---
26	0.00	0.00	0.00	0.00	0.00	0.04	---	---	---	---	---	---
27	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
28	0.14	0.00	0.00	0.00	0.00	0.04	---	---	---	---	---	---
29	0.00	0.00	0.00	0.00	---	1.8	---	---	---	---	---	---
30	0.00	0.01	0.00	0.55	---	0.00	---	---	---	---	---	---
31	0.01	---	0.07	0.00	---	0.00	---	---	---	---	---	---
Total	0.89	---	5.38	---	---	---	---	---	---	---	---	---
Mean	0.03	---	0.17	---	---	---	---	---	---	---	---	---
Max	0.45	---	2.6	---	---	---	---	---	---	---	---	---
Min	0.00	---	0.00	---	---	---	---	---	---	---	---	---

Water-Data Report 2011

340813077591601 BRIDGE NO. 90061, TOWN CREEK NEAR WILMINGTON, NC

Cape Fear Basin
Lower Cape Fear Subbasin

LOCATION.--Lat 34°08'13", long 77°59'16" referenced to North American Datum of 1983, New Hanover County, NC,
Hydrologic Unit 03030005, located on NC-133, 6.6 miles south/southwest of Wilmington.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--May 2009 to April 2010.

GAGE.--Automated water sampler and stage/velocity sensor.

COOPERATION.--Station operated with the North Carolina Department of Transportation.

**DISCHARGE, GALLONS PER MINUTE
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	0.00	0.00	0.00	---
2	---	---	---	---	---	---	---	0.00	0.00	0.00	1.7	0.00
3	---	---	---	---	---	---	---	---	0.00	0.00	1.1	0.00
4	---	---	---	---	---	---	---	0.00	0.00	0.00	0.01	0.00
5	---	---	---	---	---	---	---	0.00	0.07	0.00	0.00	0.00
6	---	---	---	---	---	---	---	0.00	0.00	5.8	0.35	0.00
7	---	---	---	---	---	---	---	3.3	0.00	---	0.00	0.00
8	---	---	---	---	---	---	---	0.00	2.5	---	0.00	0.00
9	---	---	---	---	---	---	---	0.00	2.7	---	0.00	0.00
10	---	---	---	---	---	---	---	0.00	0.26	---	0.00	0.00
11	---	---	---	---	---	---	---	3.2	0.00	---	0.00	0.00
12	---	---	---	---	---	---	---	0.00	0.00	---	1.9	0.00
13	---	---	---	---	---	---	---	0.00	0.00	---	0.26	0.00
14	---	---	---	---	---	---	---	7.3	6.1	2.8	3.0	0.00
15	---	---	---	---	---	---	---	0.00	0.55	0.00	0.00	0.00
16	---	---	---	---	---	---	---	0.00	1.4	0.09	0.00	0.00
17	---	---	---	---	---	---	---	14	0.00	0.00	0.00	0.00
18	---	---	---	---	---	---	---	0.10	0.00	0.06	0.00	0.00
19	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
20	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
21	---	---	---	---	---	---	---	0.00	0.00	0.00	3.2	0.00
22	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	6.9
23	---	---	---	---	---	---	---	0.00	0.00	0.00	1.3	0.09
24	---	---	---	---	---	---	---	0.00	0.00	3.3	0.00	0.00
25	---	---	---	---	---	---	---	0.00	0.00	0.00	---	0.00
26	---	---	---	---	---	---	---	1.9	0.00	0.00	---	0.00
27	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
28	---	---	---	---	---	---	---	0.28	0.00	0.00	1.1	0.00
29	---	---	---	---	---	---	---	1.7	0.00	0.00	0.00	---
30	---	---	---	---	---	---	---	0.06	0.00	0.00	0.00	0.00
31	---	---	---	---	---	---	---	0.00	---	0.05	---	---
Total	---	---	---	---	---	---	---	---	13.58	---	---	---
Mean	---	---	---	---	---	---	---	---	0.45	---	---	---
Max	---	---	---	---	---	---	---	---	6.1	---	---	---
Min	---	---	---	---	---	---	---	---	0.00	---	---	---

340813077591601 BRIDGE NO. 90061, TOWN CREEK NEAR WILMINGTON, NC—Continued

DISCHARGE, GALLONS PER MINUTE
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---
2	0.00	0.00	24	0.00	5.4	5.2	0.00	---	---	---	---	---
3	0.00	0.00	0.64	0.00	0.00	0.00	0.00	---	---	---	---	---
4	0.00	---	0.53	0.00	0.00	0.00	0.00	---	---	---	---	---
5	1.1	0.00	3.2	0.00	15	0.00	0.00	---	---	---	---	---
6	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
7	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
8	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
9	0.00	0.56	1.6	0.00	2.9	0.00	---	---	---	---	---	---
10	0.32	---	0.00	0.00	0.00	0.00	---	---	---	---	---	---
11	0.00	---	0.00	0.00	0.00	8.9	---	---	---	---	---	---
12	0.00	0.00	0.00	0.00	0.00	0.28	---	---	---	---	---	---
13	0.00	---	1.5	0.00	0.27	0.00	---	---	---	---	---	---
14	2.0	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
15	0.25	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
16	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
17	0.00	0.00	0.00	9.3	0.00	0.00	---	---	---	---	---	---
18	0.00	0.00	15	0.00	0.00	0.00	---	---	---	---	---	---
19	0.00	0.41	0.55	0.00	0.00	0.00	---	---	---	---	---	---
20	---	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
21	0.00	0.00	0.00	3.2	0.00	0.00	---	---	---	---	---	---
22	0.00	0.43	0.00	0.00	4.7	1.3	---	---	---	---	---	---
23	0.00	1.2	0.00	0.00	0.00	0.00	---	---	---	---	---	---
24	0.00	0.00	0.00	0.00	1.1	0.00	---	---	---	---	---	---
25	0.00	0.00	14	9.0	0.00	0.00	---	---	---	---	---	---
26	---	0.00	0.00	0.00	0.00	0.34	---	---	---	---	---	---
27	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
28	0.05	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
29	0.00	0.00	0.00	0.00	---	11	---	---	---	---	---	---
30	0.00	0.00	0.00	1.6	---	0.00	---	---	---	---	---	---
31	0.00	---	3.3	0.00	---	0.00	---	---	---	---	---	---
Total	---	---	64.32	23.10	29.37	27.02	---	---	---	---	---	---
Mean	---	---	2.07	0.75	1.05	0.87	---	---	---	---	---	---
Max	---	---	24	9.3	15	11	---	---	---	---	---	---
Min	---	---	0.00	0.00	0.00	0.00	---	---	---	---	---	---

Water-Data Report 2011

341528077550701 BRIDGE NO. 640131, SMITH CREEK NEAR WILMINGTON, NC

Cape Fear Basin
Lower Cape Fear Subbasin

LOCATION.--Lat 34°15'28", long 77°55'07" referenced to North American Datum of 1983, New Hanover County, NC,
Hydrologic Unit 03030005, located on U.S. Highway 74, approximately 2.5 miles northeast of Wilmington, NC.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--May 2009 to April 2010.

GAGE.--Automated water sampler and stage/velocity sensor.

COOPERATION.--Station operated in cooperation with the North Carolina Department of Transportation.

**DISCHARGE, GALLONS PER MINUTE
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
2	---	---	---	---	---	---	---	---	0.00	0.00	1.3	0.08
3	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
4	---	---	---	---	---	---	---	---	0.00	0.00	4.2	0.00
5	---	---	---	---	---	---	---	---	0.36	0.05	0.00	0.00
6	---	---	---	---	---	---	---	0.00	0.00	43	0.75	0.00
7	---	---	---	---	---	---	---	0.32	0.00	0.97	0.00	11
8	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
9	---	---	---	---	---	---	---	0.00	0.31	3.4	0.00	0.00
10	---	---	---	---	---	---	---	0.00	1.4	0.00	0.00	0.00
11	---	---	---	---	---	---	---	3.0	0.00	0.00	0.00	0.00
12	---	---	---	---	---	---	---	0.00	0.00	0.00	2.8	0.00
13	---	---	---	---	---	---	---	0.00	0.00	15	2.0	0.00
14	---	---	---	---	---	---	---	4.1	0.18	0.55	13	0.00
15	---	---	---	---	---	---	---	0.00	0.89	0.00	---	0.00
16	---	---	---	---	---	---	---	0.48	4.1	0.99	---	0.00
17	---	---	---	---	---	---	---	26	0.27	0.26	0.00	0.00
18	---	---	---	---	---	---	---	4.8	0.00	0.95	0.00	0.00
19	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
20	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
21	---	---	---	---	---	---	---	0.24	0.00	0.00	10	0.00
22	---	---	---	---	---	---	---	0.46	0.00	0.00	2.2	22
23	---	---	---	---	---	---	---	0.00	0.00	0.00	0.62	10
24	---	---	---	---	---	---	---	0.29	0.00	2.3	0.00	0.00
25	---	---	---	---	---	---	---	0.00	0.09	---	0.00	15
26	---	---	---	---	---	---	---	5.9	4.5	---	0.00	18
27	---	---	---	---	---	---	---	0.00	1.0	0.00	0.00	0.00
28	---	---	---	---	---	---	---	0.00	0.00	0.00	7.0	0.00
29	---	---	---	---	---	---	---	1.5	0.00	0.08	0.01	0.00
30	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
31	---	---	---	---	---	---	---	0.00	---	0.04	3.9	---
Total	---	---	---	---	---	---	---	---	13.10	---	---	76.08
Mean	---	---	---	---	---	---	---	---	0.44	---	---	2.54
Max	---	---	---	---	---	---	---	---	4.5	---	---	22
Min	---	---	---	---	---	---	---	---	0.00	---	---	0.00

341528077550701 BRIDGE NO. 640131, SMITH CREEK NEAR WILMINGTON, NC—Continued

DISCHARGE, GALLONS PER MINUTE
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---
2	0.00	0.00	32	0.00	20	12	0.00	---	---	---	---	---
3	0.00	0.00	1.8	0.00	0.00	0.05	0.00	---	---	---	---	---
4	0.00	---	1.5	0.00	0.00	0.00	0.00	---	---	---	---	---
5	7.4	0.00	8.2	0.00	31	0.00	0.00	---	---	---	---	---
6	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
7	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
8	0.00	0.00	0.18	0.11	0.00	0.00	---	---	---	---	---	---
9	0.00	0.06	2.7	0.03	7.5	0.00	---	---	---	---	---	---
10	1.1	3.4	0.00	0.00	0.00	0.28	---	---	---	---	---	---
11	0.00	45	0.00	0.00	0.00	17	---	---	---	---	---	---
12	1.4	2.8	0.17	0.00	0.95	0.31	---	---	---	---	---	---
13	0.21	2.0	3.6	0.00	4.0	0.00	---	---	---	---	---	---
14	6.3	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
15	1.6	0.00	0.10	0.00	0.55	0.00	---	---	---	---	---	---
16	0.14	0.00	0.00	0.14	0.00	0.00	---	---	---	---	---	---
17	0.00	0.00	0.00	16	0.00	0.00	---	---	---	---	---	---
18	0.00	0.71	28	0.00	0.00	0.08	---	---	---	---	---	---
19	0.00	0.96	1.4	0.00	0.00	0.00	---	---	---	---	---	---
20	0.00	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
21	0.00	0.00	0.00	8.2	0.00	0.00	---	---	---	---	---	---
22	0.00	1.8	0.00	0.00	10	0.73	---	---	---	---	---	---
23	0.00	1.7	0.00	0.00	0.00	0.06	---	---	---	---	---	---
24	0.42	0.01	0.00	0.00	2.4	0.00	---	---	---	---	---	---
25	0.00	0.10	21	17	0.02	0.00	---	---	---	---	---	---
26	4.3	0.00	0.00	0.00	0.00	0.35	---	---	---	---	---	---
27	0.30	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
28	2.4	0.00	0.00	0.00	0.00	0.00	---	---	---	---	---	---
29	---	0.00	0.00	0.00	---	14	---	---	---	---	---	---
30	---	0.27	0.22	6.5	---	0.00	---	---	---	---	---	---
31	---	---	9.9	0.00	---	0.00	---	---	---	---	---	---
Total	---	---	110.77	47.98	76.42	44.86	---	---	---	---	---	---
Mean	---	---	3.57	1.55	2.73	1.45	---	---	---	---	---	---
Max	---	---	32	17	31	17	---	---	---	---	---	---
Min	---	---	0.00	0.00	0.00	0.00	---	---	---	---	---	---