

Water-Data Report 2009

03460795 PIGEON RIVER BELOW POWER PLANT NEAR WATERVILLE, NC

French Broad-Holston Basin
Pigeon Subbasin

LOCATION.--Lat 35°47'01", long 83°06'43" referenced to North American Datum of 1983, Haywood County, NC, Hydrologic Unit 06010106, on left bank, 550 ft upstream of Browns Bridge on Waterville Road, 0.9 mi downstream of North Carolina and Tennessee state lines, 1.0 mi northwest of Waterville, and at river mile 25.

DRAINAGE AREA.--538 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--February 1997 to current year.

REVISED RECORDS.--WDR NC-04-1: 1997 (maximum discharge), 1998 (maximum discharge), 2003 (maximum discharge).

GAGE.--Water-stage recorder. Elevation of gage is 1,360 ft above NGVD of 1929, from topographic map. Satellite telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. Considerable regulation, caused by Walters Hydroelectric Plant, 1.0 mi upstream. Maximum discharge for period of record from rating curve extended above 11,000 ft³/s on basis of slope-conveyance measurement of peak flow. Minimum discharge for period of record and current water year affected by regulation.

03460795 PIGEON RIVER BELOW POWER PLANT NEAR WATERVILLE, NC—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	161	149	748	891	343	1,320	817	742	1,170	554	601	477
2	159	147	667	715	382	1,050	1,390	863	1,110	525	285	480
3	159	177	547	633	748	1,730	1,480	1,280	1,010	212	272	475
4	143	146	435	633	958	1,520	1,310	680	1,100	513	570	141
5	144	143	187	1,340	1,070	466	937	1,200	1,240	230	554	460
6	142	381	180	1,970	545	264	1,210	1,510	1,040	367	540	147
7	141	156	175	6,270	181	848	503	2,340	964	520	205	138
8	410	139	283	3,350	184	462	679	2,620	925	518	574	136
9	152	139	167	2,530	304	851	780	2,670	752	744	190	134
10	156	145	1,760	2,060	446	564	1,360	2,870	1,140	511	188	145
11	154	138	2,750	997	343	1,180	2,270	1,720	1,530	527	569	171
12	152	140	2,800	1,150	695	584	1,580	1,300	1,220	298	617	154
13	142	314	1,310	1,590	672	1,000	1,080	1,180	1,180	812	552	147
14	143	302	1,120	1,160	357	921	1,130	1,380	642	588	214	363
15	132	381	941	871	265	1,290	1,240	1,850	874	515	519	307
16	130	395	996	1,070	744	1,420	1,180	2,370	934	528	192	382
17	130	225	1,540	835	601	939	831	2,030	907	164	364	576
18	131	348	1,560	395	378	1,070	1,110	1,980	702	488	495	282
19	132	196	1,360	837	758	691	647	1,690	923	198	526	952
20	133	164	638	1,500	914	918	1,600	1,300	767	182	509	1,250
21	126	163	1,440	968	725	523	706	829	1,040	e490	1,060	3,660
22	125	251	1,540	863	514	766	1,290	1,090	1,590	e490	599	6,690
23	128	227	808	497	1,160	999	970	1,100	897	525	221	2,330
24	133	327	827	285	637	1,330	573	1,100	702	171	179	1,710
25	152	439	1,090	487	610	1,220	889	992	568	486	508	1,630
26	155	321	1,290	805	714	927	668	1,170	552	e162	503	2,090
27	242	185	1,420	738	764	1,220	786	1,630	606	e170	503	2,920
28	158	191	1,040	324	580	1,370	738	2,340	457	e490	213	1,990
29	136	200	1,170	341	---	717	775	1,660	239	547	469	e1,660
30	173	396	788	605	---	1,030	818	1,080	531	616	140	e1,110
31	153	---	796	517	---	1,400	---	1,010	---	302	130	---
Total	4,827	7,025	32,373	37,227	16,592	30,590	31,347	47,576	27,312	13,443	13,061	33,107
Mean	156	234	1,044	1,201	593	987	1,045	1,535	910	434	421	1,104
Max	410	439	2,800	6,270	1,160	1,730	2,270	2,870	1,590	812	1,060	6,690
Min	125	138	167	285	181	264	503	680	239	162	130	134

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2009, BY WATER YEAR (WY)

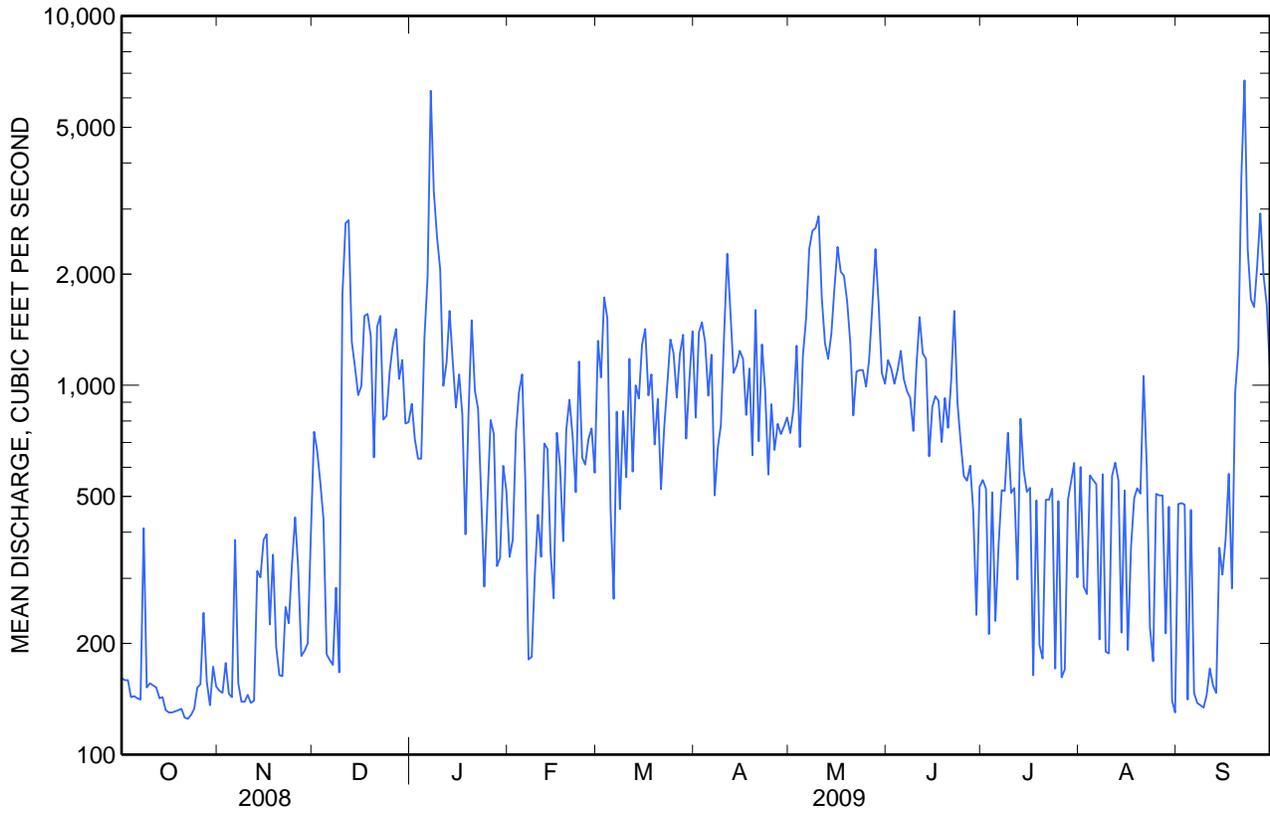
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	475	703	957	1,237	1,347	1,527	1,415	1,176	835	755	558	816
Max	1,462	1,677	2,133	2,187	3,096	3,505	2,540	2,835	1,742	1,860	1,203	4,517
(WY)	(2005)	(2005)	(2005)	(1998)	(1998)	(1997)	(1998)	(2003)	(2005)	(2005)	(2005)	(2004)
Min	153	234	499	703	593	762	785	483	365	290	293	172
(WY)	(1999)	(2009)	(2008)	(2008)	(2009)	(2006)	(2007)	(2007)	(2008)	(2008)	(2008)	(2007)

03460795 PIGEON RIVER BELOW POWER PLANT NEAR WATERVILLE, NC—Continued

SUMMARY STATISTICS

	Calendar Year 2008		Water Year 2009		Water Years 1997 - 2009	
Annual total	229,240		294,480			
Annual mean	626		807		958	
Highest annual mean					1,553	2005
Lowest annual mean					582	2008
Highest daily mean	5,900	Mar 5	6,690	Sep 22	22,500	Sep 8, 2004
Lowest daily mean	125	Oct 22	125	Oct 22	74	Nov 19, 2000
Annual seven-day minimum	129	Oct 17	129	Oct 17	117	Oct 2, 1998
Maximum peak flow			11,200	Sep 22	^a 39,000	Sep 17, 2004
Maximum peak stage			11.39	Sep 22	18.88	Sep 17, 2004
Instantaneous low flow			^a 112	Oct 29	^a 24	Jun 23, 2002
10 percent exceeds	1,450		1,570		1,900	
50 percent exceeds	466		633		742	
90 percent exceeds	142		152		174	

^a See Remarks.



03460795 PIGEON RIVER BELOW POWER PLANT NEAR WATERVILLE, NC—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1997 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Water years 1997 to current year.

DISSOLVED OXYGEN: Water years 1997 to current year.

INSTRUMENTATION.--Water-quality monitor since May 1997.

REMARKS.--Data were collected during the current year for the months of May through September 2009.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum recorded, 25.5°C, August 27, 2007; minimum recorded, 6.8°C, June 2, 2001.

DISSOLVED OXYGEN: Maximum recorded, 15.8 mg/L, July 21, 2007; minimum recorded, 3.1 mg/L, November 1, 1998.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum recorded, 23.5°C, August 27; minimum recorded, 15.4°C, September 30.

DISSOLVED OXYGEN: Maximum recorded, 9.6 mg/L, June 11; minimum recorded, 5.0 mg/L, August 21, 27, 29.

**TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

03460795 PIGEON RIVER BELOW POWER PLANT NEAR WATERVILLE, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	17.8	15.6	16.8
31	---	---	---	---	---	---	---	---	---	18.0	16.2	17.2
Month	---	---	---	---	---	---	---	---	---	---	---	---

03460795 PIGEON RIVER BELOW POWER PLANT NEAR WATERVILLE, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	18.2	16.4	17.6	22.2	20.4	21.3	22.0	19.5	20.6	22.9	21.2	22.0
2	18.4	17.0	17.8	22.3	20.6	21.5	21.1	20.1	20.7	22.8	21.4	22.0
3	18.6	17.4	18.1	21.8	20.7	21.2	21.5	19.5	20.4	22.7	21.0	21.8
4	18.8	17.6	18.2	22.4	20.2	21.3	22.0	19.8	20.9	22.8	21.2	21.9
5	18.8	17.5	18.4	21.8	21.0	21.4	22.1	20.3	21.1	22.6	20.7	21.7
6	18.9	16.9	18.1	22.3	20.8	21.4	22.3	20.6	21.4	22.0	21.0	21.4
7	19.1	17.5	18.4	22.5	21.0	21.7	22.5	20.7	21.5	22.2	20.8	21.4
8	19.2	17.9	18.7	22.2	21.1	21.6	22.3	20.8	21.6	22.5	20.6	21.4
9	19.4	18.3	18.9	22.3	20.5	21.4	22.9	21.3	21.9	22.1	20.7	21.2
10	19.4	17.3	18.8	22.2	20.8	21.5	22.6	21.4	21.9	21.7	20.2	20.9
11	18.6	16.0	17.4	22.1	20.6	21.4	22.6	21.4	22.0	21.0	19.6	20.4
12	19.0	16.1	17.5	22.1	20.8	21.4	22.4	21.1	21.8	21.4	19.9	20.6
13	19.7	16.4	18.1	22.2	21.3	21.7	22.6	20.9	21.7	21.4	19.8	20.6
14	19.8	17.7	18.6	22.4	21.0	21.8	22.9	21.2	21.9	21.7	19.9	20.8
15	20.0	18.1	19.2	22.4	21.1	21.7	22.8	21.3	22.0	21.4	20.6	21.0
16	20.5	18.6	19.6	22.5	21.3	21.9	22.9	21.4	22.0	21.5	20.7	21.0
17	20.8	19.1	19.9	22.9	21.5	22.1	22.7	21.4	21.9	21.5	20.4	21.0
18	20.6	18.7	19.6	22.4	21.0	21.8	22.8	21.6	22.2	20.9	20.0	20.5
19	21.0	18.9	20.0	22.6	21.0	21.7	22.9	21.9	22.4	21.3	19.9	20.7
20	21.4	19.3	20.4	22.7	21.0	21.6	23.0	22.0	22.5	21.3	20.6	21.1
21	20.7	19.7	20.1	22.2	20.9	21.6	23.2	22.1	22.7	21.1	20.0	20.4
22	21.0	17.7	19.3	22.2	21.0	21.6	23.1	21.4	22.2	20.2	18.2	19.0
23	21.0	16.9	19.1	22.4	20.9	21.7	22.1	21.3	21.6	18.2	17.9	18.0
24	21.4	17.0	19.3	23.0	21.1	21.9	22.8	20.9	21.8	18.0	17.7	17.9
25	21.6	17.1	19.4	22.8	21.1	21.8	23.3	21.2	22.2	18.1	17.7	17.9
26	21.9	19.3	20.3	22.5	21.4	21.9	23.3	21.4	22.4	18.2	17.0	17.9
27	22.0	19.8	20.9	---	---	---	23.5	21.6	22.5	18.0	17.0	17.5
28	22.0	20.3	21.2	---	---	---	22.6	21.6	21.9	17.7	17.2	17.4
29	22.3	20.7	21.4	22.4	21.0	21.8	23.3	21.2	22.1	17.4	17.1	17.2
30	22.2	20.2	21.2	22.3	20.7	21.5	22.8	21.6	22.1	17.1	15.4	16.5
31	---	---	---	21.5	19.7	20.9	22.3	21.2	21.7	---	---	---
Month	22.3	16.0	19.2	---	---	---	23.5	19.5	21.8	22.9	15.4	20.1

03460795 PIGEON RIVER BELOW POWER PLANT NEAR WATERVILLE, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

03460795 PIGEON RIVER BELOW POWER PLANT NEAR WATERVILLE, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	9.4	8.3	8.8
31	---	---	---	---	---	---	---	---	---	9.3	8.3	8.7
Month	---	---	---	---	---	---	---	---	---	---	---	---

03460795 PIGEON RIVER BELOW POWER PLANT NEAR WATERVILLE, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	9.0	8.2	8.6	8.1	6.4	7.2	8.5	6.4	7.5	7.9	5.3	6.4
2	9.0	8.2	8.5	8.0	6.5	7.1	8.2	7.1	7.6	7.8	5.6	6.3
3	9.1	8.1	8.4	8.0	6.9	7.4	8.5	7.3	7.9	8.5	5.6	6.5
4	9.0	7.9	8.3	8.1	6.5	7.1	8.4	6.2	7.0	8.3	6.1	6.9
5	8.8	8.0	8.3	8.0	6.8	7.2	8.2	5.9	6.9	8.1	5.2	6.3
6	9.0	8.0	8.6	8.2	6.4	7.2	8.2	5.7	6.7	8.0	5.8	6.8
7	9.1	7.9	8.4	7.8	6.1	6.8	7.9	6.6	7.1	8.8	6.1	7.3
8	8.7	7.8	8.3	7.4	6.0	6.6	8.0	5.9	6.7	8.4	6.2	7.2
9	8.9	7.9	8.3	7.8	6.1	6.9	8.0	6.4	7.0	8.3	6.2	7.0
10	9.0	8.0	8.4	8.2	6.4	7.1	8.1	6.5	7.2	8.6	6.5	7.3
11	9.6	8.4	9.0	8.5	6.5	7.3	8.2	5.8	6.9	8.6	6.7	7.5
12	9.4	8.3	8.9	8.3	6.6	7.4	8.1	6.2	7.1	8.9	6.7	7.6
13	9.5	7.9	8.7	8.2	6.0	6.9	8.4	5.8	7.0	8.8	6.5	7.4
14	9.2	7.9	8.6	8.1	6.0	6.9	8.2	6.8	7.3	8.8	5.8	6.9
15	9.1	7.8	8.4	8.0	6.2	6.9	8.0	5.8	6.9	8.1	6.2	6.8
16	9.0	7.5	8.1	8.0	6.2	6.9	8.0	6.7	7.1	8.3	5.7	6.8
17	8.3	7.5	8.0	8.2	6.8	7.2	8.1	6.2	7.1	8.5	6.0	6.9
18	9.0	7.5	8.2	8.2	6.2	6.9	7.7	5.4	6.6	8.8	6.9	7.5
19	8.4	7.4	7.9	8.3	6.5	7.3	7.4	5.3	6.3	7.5	6.3	6.8
20	8.6	7.2	7.8	8.3	6.8	7.4	7.3	5.4	6.2	7.1	6.5	6.8
21	8.5	7.5	8.0	8.1	6.0	6.9	6.9	5.0	5.8	8.9	6.9	8.0
22	9.0	7.2	8.2	7.6	6.0	6.7	7.8	5.2	6.5	9.1	8.9	9.0
23	9.4	7.2	8.3	8.2	6.0	6.8	7.6	6.7	7.0	8.9	8.5	8.7
24	9.1	6.9	8.1	8.3	6.7	7.3	8.1	6.6	7.3	8.7	8.5	8.6
25	9.2	6.8	8.1	7.9	5.9	6.7	7.9	5.1	6.4	8.6	8.5	8.5
26	8.3	7.0	7.7	7.9	6.4	7.1	7.6	5.3	6.1	9.2	8.4	8.6
27	8.2	6.8	7.5	---	---	---	7.9	5.0	6.0	9.2	8.8	8.9
28	8.3	6.4	7.5	---	---	---	7.9	6.3	6.9	8.8	8.5	8.7
29	8.2	7.0	7.4	7.4	5.9	6.7	8.1	5.0	6.4	8.7	8.5	8.6
30	8.0	6.7	7.3	8.0	6.0	6.9	8.0	6.0	7.0	9.0	8.4	8.7
31	---	---	---	8.2	6.7	7.5	8.2	6.5	7.1	---	---	---
Month	9.6	6.4	8.2	---	---	---	8.5	5.0	6.9	9.2	5.2	7.5