



Water-Data Report 2007

02081051 CONOHO CREEK AT MOUTH NEAR WILLIAMSTON, NC

Roanoke Basin
Lower Roanoke Subbasin

LOCATION.--Lat 35°52'33", long 77°02'38" referenced to North American Datum of 1983, Martin County, NC, Hydrologic Unit 03010107, approximately 1.5 mi upstream of boat ramp at U.S. Highway 17, at Williamston.

DRAINAGE AREA.--124 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Water years 2006, 2007, discharge measurements only.

**DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Date	Discharge, in ft³/s
Oct 19, 2006	330
Nov 7, 2006	198
Apr 5, 2007	-74.7
Apr 25, 2007	1,820
May 3, 2007	567
May 16, 2007	102
May 31, 2007	6.68
Jun 13, 2007	10.2
Jun 28, 2007	4.82
Jul 18, 2007	20.7
Aug 1, 2007	4.12
Aug 16, 2007	8.48
Sep 6, 2007	4.25
Sep 19, 2007	-10.0

02081051 CONOHO CREEK AT MOUTH NEAR WILLIAMSTON, NC—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 2006 to 2008.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: July to November 2006, March to November 2007.

pH: July to November 2006, March to November 2007.

WATER TEMPERATURE: July to November 2006, March to November 2007.

DISSOLVED OXYGEN: July to November 2006, March to October 2007.

DISSOLVED OXYGEN, PERCENT SATURATION: July to November 2006, March to October 2007.

INSTRUMENTATION.--Water-quality monitor with self-logging minisonde July to November 2006, March to November 2007.

REMARKS.--Station operated in cooperation with the U.S. Army Corps of Engineers. Dissolved oxygen, percent saturation, is computed using a barometric pressure of 760 mm of Hg.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum recorded, 201 microsiemens, July 6, 2007; minimum recorded, 76 microsiemens, September 8, 2006.

pH: Maximum recorded, 7.8 standard units, October 2, 2007; minimum recorded, 5.8 standard units, September 6, 7, 8, 2006.

WATER TEMPERATURE: Maximum recorded, 30.5°C, August 9, 2007; minimum recorded, 9.9°C, March 22, 2007.

DISSOLVED OXYGEN: Maximum recorded, 10.6 mg/L, March 23, 2007; minimum recorded, 0 mg/L, May 27, 28, 2007.

DISSOLVED OXYGEN, PERCENT SATURATION: Maximum recorded, 121%, October 2, 2007; minimum recorded, 0%, May 27, 28, 2007.

EXTREMES FOR CURRENT PERIOD.--

SPECIFIC CONDUCTANCE: Maximum recorded, 201 microsiemens, July 6, 2007; minimum recorded, 92 microsiemens, March 22, 23, 24, 25, 2007.

pH: Maximum recorded, 7.8 standard units, October 2, 2007; minimum recorded, 5.9 standard units, July 23, 2007.

WATER TEMPERATURE: Maximum recorded, 30.5°C, August 9, 2007; minimum recorded, 9.9°C, March 22, 2007.

DISSOLVED OXYGEN: Maximum recorded, 10.6 mg/L, March 23, 2007; minimum recorded, 0.0 mg/L, May 27, 28, 2007.

DISSOLVED OXYGEN, PERCENT SATURATION: Maximum recorded, 121%, October 2, 2007; minimum recorded, 0%, May 27, 28, 2007.

02081051 CONOHO CREEK AT MOUTH NEAR WILLIAMSTON, NC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

[Remark codes: <, less than.]

Date	Time	Instantaneous discharge, cfs (00061)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unf μ S/cm 25 degC (00095)	Temperature, water, deg C (00010)	BOD, water, unfltrd 5 day, 20 degC mg/L (00310)
Oct							
19...	0900	330	5.9	6.7	115	19.2	1.2
Nov							
07...	1450	198	7.2	6.7	115	13.7	1.1
Apr							
05...	1215	-75	9.7	7.0	99	15.4	<1.0
25...	1130	1,820	2.8	6.4	103	16.1	<1.0
May							
03...	1345	567	2.5	6.5	104	19.9	<2.0
16...	0830	102	2.2	6.6	113	18.7	1.1
31...	1230	6.7	2.6	6.7	134	23.1	3.0
Jun							
13...	0845	10	5.0	6.9	123	26.4	<1.0
28...	0800	4.8	5.9	7.1	120	27.1	<2.0
Jul							
18...	1230	21	2.4	6.5	183	25.7	1.7
Aug							
01...	1445	4.1	4.7	6.8	129	27.4	<1.0
16...	1200	8.5	5.8	7.0	130	28.4	<1.0
Sep							
06...	0815	4.2	6.8	7.2	132	26.8	<1.0
19...	1200	-10	6.9	7.2	142	24.4	<1.0

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

[Remark codes: <, less than.]

Date	Time	Instantaneous discharge, cfs (00061)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unf μ S/cm 25 degC (00095)	Temperature, water, deg C (00010)	BOD, water, unfltrd 5 day, 20 degC mg/L (00310)
Oct							
04...	1000	-4.5	6.2	7.0	134	23.7	<1.0
Nov							
07...	1130	1.0	8.0	7.0	125	14.2	<1.0

02081051 CONOHO CREEK AT MOUTH NEAR WILLIAMSTON, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	107	106	106	113	111	112	---	---	---	---	---	---
2	108	107	107	113	109	111	---	---	---	---	---	---
3	111	108	109	116	106	108	---	---	---	---	---	---
4	113	111	112	122	115	118	---	---	---	---	---	---
5	135	113	124	117	115	116	---	---	---	---	---	---
6	---	---	---	120	116	118	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	119	115	116	---	---	---	---	---	---	---	---	---
16	118	116	116	---	---	---	---	---	---	---	---	---
17	118	114	116	---	---	---	---	---	---	---	---	---
18	114	111	112	---	---	---	---	---	---	---	---	---
19	115	114	115	---	---	---	---	---	---	---	---	---
20	116	115	116	---	---	---	---	---	---	---	---	---
21	117	115	116	---	---	---	---	---	---	---	---	---
22	116	116	116	---	---	---	---	---	---	---	---	---
23	116	112	114	---	---	---	---	---	---	---	---	---
24	114	112	113	---	---	---	---	---	---	---	---	---
25	117	114	115	---	---	---	---	---	---	---	---	---
26	117	116	117	---	---	---	---	---	---	---	---	---
27	117	116	117	---	---	---	---	---	---	---	---	---
28	116	109	111	---	---	---	---	---	---	---	---	---
29	113	107	111	---	---	---	---	---	---	---	---	---
30	108	107	107	---	---	---	---	---	---	---	---	---
31	111	108	110	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

02081051 CONOHO CREEK AT MOUTH NEAR WILLIAMSTON, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	---	---	---	109	109	109	102	101	102
2	---	---	---	---	---	---	109	99	105	104	102	103
3	---	---	---	---	---	---	100	99	99	106	103	105
4	---	---	---	---	---	---	102	99	101	105	104	104
5	---	---	---	---	---	---	101	99	100	106	104	105
6	---	---	---	---	---	---	112	99	104	106	104	105
7	---	---	---	---	---	---	103	99	100	104	102	104
8	---	---	---	---	---	---	99	98	98	103	100	101
9	---	---	---	---	---	---	99	99	99	---	---	---
10	---	---	---	---	---	---	101	99	100	---	---	---
11	---	---	---	---	---	---	101	100	100	103	99	101
12	---	---	---	---	---	---	100	100	100	107	103	105
13	---	---	---	---	---	---	101	100	100	108	105	107
14	---	---	---	---	---	---	101	101	101	110	105	106
15	---	---	---	---	---	---	101	95	98	113	108	110
16	---	---	---	---	---	---	97	95	96	118	113	115
17	---	---	---	---	---	---	100	97	98	116	114	115
18	---	---	---	---	---	---	101	100	101	116	115	116
19	---	---	---	---	---	---	101	98	100	117	116	116
20	---	---	---	---	---	---	100	99	100	118	116	117
21	---	---	---	---	---	---	101	100	101	122	118	120
22	---	---	---	94	92	92	103	101	102	124	122	123
23	---	---	---	95	92	93	105	103	104	125	124	125
24	---	---	---	93	92	92	105	102	103	127	125	126
25	---	---	---	94	92	93	103	102	103	129	127	128
26	---	---	---	99	94	96	102	100	101	130	127	130
27	---	---	---	102	98	100	100	99	100	134	128	131
28	---	---	---	105	101	103	99	99	99	139	130	134
29	---	---	---	106	104	105	100	99	100	136	119	131
30	---	---	---	108	106	107	101	100	101	138	113	131
31	---	---	---	109	108	109	---	---	---	140	110	131
Month	---	---	---	---	---	---	112	95	101	---	---	---

02081051 CONOHO CREEK AT MOUTH NEAR WILLIAMSTON, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	130	110	120	119	110	115	134	117	127	124	117	120
2	125	112	121	124	118	121	131	119	128	126	120	123
3	149	116	130	124	120	122	130	121	128	126	116	122
4	149	128	138	158	122	145	129	119	125	125	116	121
5	138	126	130	198	158	178	131	117	126	131	122	125
6	143	128	138	201	126	187	132	114	123	131	128	129
7	141	129	137	190	136	172	127	117	123	130	129	129
8	137	124	132	184	138	163	127	120	124	130	129	129
9	137	126	132	147	127	137	127	121	125	130	119	125
10	138	125	132	140	123	130	128	118	125	132	120	128
11	144	122	132	148	123	129	123	114	119	132	120	128
12	127	113	121	139	124	130	---	---	---	129	119	122
13	126	116	121	144	117	131	---	---	---	126	122	124
14	126	116	120	138	117	125	---	---	---	133	123	128
15	126	116	121	131	122	126	---	---	---	139	129	136
16	119	113	116	141	124	130	---	---	---	139	135	137
17	116	114	115	138	119	129	130	127	129	140	136	137
18	118	115	116	191	132	172	130	123	128	138	134	136
19	118	116	117	145	116	126	129	124	127	143	135	137
20	118	115	117	124	114	116	127	123	125	137	134	136
21	115	109	113	164	119	138	127	115	124	137	135	136
22	116	114	114	192	164	186	123	114	118	137	135	136
23	122	110	118	193	188	190	128	123	125	138	136	137
24	121	109	117	188	182	185	129	125	127	142	137	139
25	121	113	117	184	177	181	128	125	126	147	140	144
26	122	116	119	187	154	170	128	125	127	147	144	146
27	124	120	122	179	136	153	128	121	125	147	146	147
28	126	121	123	151	135	140	124	109	118	147	144	146
29	124	121	122	159	128	137	116	111	113	147	143	145
30	123	111	119	161	119	131	122	113	120	148	144	146
31	---	---	---	163	123	138	125	120	123	---	---	---
Month	149	109	123	201	110	146	---	---	---	148	116	133

02081051 CONOHO CREEK AT MOUTH NEAR WILLIAMSTON, NC—Continued

**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	148	146	147	136	130	133	---	---	---	---	---	---
2	147	128	141	137	133	136	---	---	---	---	---	---
3	140	122	129	138	125	133	---	---	---	---	---	---
4	145	129	137	125	118	120	---	---	---	---	---	---
5	154	139	146	130	122	127	---	---	---	---	---	---
6	151	140	148	133	124	126	---	---	---	---	---	---
7	147	141	144	---	---	---	---	---	---	---	---	---
8	145	140	142	---	---	---	---	---	---	---	---	---
9	146	142	144	---	---	---	---	---	---	---	---	---
10	145	140	143	---	---	---	---	---	---	---	---	---
11	142	140	141	---	---	---	---	---	---	---	---	---
12	156	134	144	---	---	---	---	---	---	---	---	---
13	157	152	156	---	---	---	---	---	---	---	---	---
14	157	154	156	---	---	---	---	---	---	---	---	---
15	157	147	153	---	---	---	---	---	---	---	---	---
16	151	143	149	---	---	---	---	---	---	---	---	---
17	150	143	146	---	---	---	---	---	---	---	---	---
18	151	142	146	---	---	---	---	---	---	---	---	---
19	152	148	150	---	---	---	---	---	---	---	---	---
20	153	149	151	---	---	---	---	---	---	---	---	---
21	150	148	149	---	---	---	---	---	---	---	---	---
22	153	149	150	---	---	---	---	---	---	---	---	---
23	156	153	155	---	---	---	---	---	---	---	---	---
24	155	154	154	---	---	---	---	---	---	---	---	---
25	154	143	148	---	---	---	---	---	---	---	---	---
26	148	143	146	---	---	---	---	---	---	---	---	---
27	143	124	137	---	---	---	---	---	---	---	---	---
28	140	126	137	---	---	---	---	---	---	---	---	---
29	139	130	137	---	---	---	---	---	---	---	---	---
30	130	119	124	---	---	---	---	---	---	---	---	---
31	134	123	129	---	---	---	---	---	---	---	---	---
Month	157	119	144	---	---	---	---	---	---	---	---	---

02081051 CONOHO CREEK AT MOUTH NEAR WILLIAMSTON, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
 WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

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	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

02081051 CONOHO CREEK AT MOUTH NEAR WILLIAMSTON, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
 WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
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	---	---	---	---	---	---	---	---	---	---	---	---

02081051 CONOHO CREEK AT MOUTH NEAR WILLIAMSTON, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	October			November			December			January		
1	6.3	6.3	6.3	6.1	6.0	6.1	---	---	---	---	---	---
2	6.3	6.3	6.3	6.1	6.1	6.1	---	---	---	---	---	---
3	6.3	6.3	6.3	6.7	6.0	6.0	---	---	---	---	---	---
4	6.3	6.3	6.3	7.0	6.7	7.0	---	---	---	---	---	---
5	7.2	6.3	6.5	7.1	6.9	7.0	---	---	---	---	---	---
6	7.2	6.3	6.9	6.9	6.5	6.6	---	---	---	---	---	---
7	6.3	6.2	6.3	---	---	---	---	---	---	---	---	---
8	6.8	6.2	6.2	---	---	---	---	---	---	---	---	---
9	7.1	6.8	7.0	---	---	---	---	---	---	---	---	---
10	7.1	6.5	7.0	---	---	---	---	---	---	---	---	---
11	7.1	7.1	7.1	---	---	---	---	---	---	---	---	---
12	7.1	7.0	7.1	---	---	---	---	---	---	---	---	---
13	7.2	7.0	7.2	---	---	---	---	---	---	---	---	---
14	7.2	7.2	7.2	---	---	---	---	---	---	---	---	---
15	7.2	7.2	7.2	---	---	---	---	---	---	---	---	---
16	7.2	7.2	7.2	---	---	---	---	---	---	---	---	---
17	7.2	6.6	7.2	---	---	---	---	---	---	---	---	---
18	6.8	6.6	6.7	---	---	---	---	---	---	---	---	---
19	6.7	6.5	6.7	---	---	---	---	---	---	---	---	---
20	6.7	6.6	6.6	---	---	---	---	---	---	---	---	---
21	6.6	6.4	6.5	---	---	---	---	---	---	---	---	---
22	6.4	6.3	6.4	---	---	---	---	---	---	---	---	---
23	6.4	6.2	6.3	---	---	---	---	---	---	---	---	---
24	6.2	6.2	6.2	---	---	---	---	---	---	---	---	---
25	6.3	6.2	6.2	---	---	---	---	---	---	---	---	---
26	6.3	6.2	6.3	---	---	---	---	---	---	---	---	---
27	6.2	6.1	6.2	---	---	---	---	---	---	---	---	---
28	6.2	6.1	6.2	---	---	---	---	---	---	---	---	---
29	6.2	6.0	6.1	---	---	---	---	---	---	---	---	---
30	6.1	6.0	6.0	---	---	---	---	---	---	---	---	---
31	6.1	6.0	6.0	---	---	---	---	---	---	---	---	---
Max	7.2	7.2	7.2	---	---	---	---	---	---	---	---	---
Min	6.1	6.0	6.0	---	---	---	---	---	---	---	---	---

02081051 CONOHO CREEK AT MOUTH NEAR WILLIAMSTON, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	February			March			April			May		
1	---	---	---	---	---	---	6.4	6.4	6.4	6.6	6.5	6.6
2	---	---	---	---	---	---	7.1	6.4	6.9	6.6	6.5	6.5
3	---	---	---	---	---	---	7.1	7.1	7.1	6.6	6.5	6.5
4	---	---	---	---	---	---	7.1	6.9	7.0	6.5	6.5	6.5
5	---	---	---	---	---	---	7.1	7.0	7.1	6.5	6.5	6.5
6	---	---	---	---	---	---	7.1	6.4	6.6	6.5	6.5	6.5
7	---	---	---	---	---	---	6.8	6.6	6.7	6.5	6.5	6.5
8	---	---	---	---	---	---	6.9	6.6	6.8	6.5	6.5	6.5
9	---	---	---	---	---	---	6.9	6.8	6.9	6.5	6.4	6.4
10	---	---	---	---	---	---	6.9	6.8	6.8	6.5	6.4	6.4
11	---	---	---	---	---	---	6.8	6.8	6.8	6.6	6.5	6.5
12	---	---	---	---	---	---	6.8	6.7	6.8	6.6	6.6	6.6
13	---	---	---	---	---	---	6.8	6.7	6.7	6.6	6.5	6.6
14	---	---	---	---	---	---	6.8	6.7	6.7	6.5	6.5	6.5
15	---	---	---	---	---	---	6.7	6.5	6.6	6.6	6.5	6.5
16	---	---	---	---	---	---	6.5	6.5	6.5	6.6	6.4	6.5
17	---	---	---	---	---	---	6.6	6.5	6.5	6.5	6.5	6.5
18	---	---	---	---	---	---	6.8	6.6	6.8	6.5	6.5	6.5
19	---	---	---	---	---	---	7.0	6.8	6.9	6.5	6.4	6.5
20	---	---	---	---	---	---	7.0	6.8	7.0	6.5	6.4	6.4
21	---	---	---	---	---	---	6.8	6.4	6.6	6.4	6.4	6.4
22	---	---	---	7.2	6.9	7.1	6.4	6.4	6.4	6.4	6.4	6.4
23	---	---	---	7.1	7.0	7.1	6.4	6.3	6.3	6.4	6.4	6.4
24	---	---	---	7.1	6.9	7.0	6.3	6.2	6.3	6.4	6.4	6.4
25	---	---	---	6.9	6.7	6.8	6.5	6.2	6.4	6.4	6.4	6.4
26	---	---	---	6.7	6.5	6.6	6.5	6.5	6.5	6.4	6.4	6.4
27	---	---	---	6.5	6.4	6.5	6.5	6.5	6.5	6.4	6.4	6.4
28	---	---	---	6.4	6.4	6.4	6.6	6.5	6.5	6.4	6.4	6.4
29	---	---	---	6.4	6.4	6.4	6.6	6.5	6.5	6.8	6.4	6.4
30	---	---	---	6.4	6.4	6.4	6.6	6.5	6.5	6.8	6.5	6.5
31	---	---	---	6.4	6.4	6.4	---	---	---	7.1	6.5	6.5
Max	---	---	---	---	---	---	7.1	7.1	7.1	7.1	6.6	6.6
Min	---	---	---	---	---	---	6.3	6.2	6.3	6.4	6.4	6.4

02081051 CONOHO CREEK AT MOUTH NEAR WILLIAMSTON, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	June			July			August			September		
1	7.1	6.6	6.7	7.0	6.8	6.9	7.2	6.7	6.8	7.2	7.0	7.1
2	7.0	6.6	6.7	7.1	6.7	6.8	7.3	6.8	7.0	7.2	6.9	7.0
3	6.8	6.6	6.7	7.0	6.7	6.8	7.2	7.0	7.1	7.2	6.9	7.1
4	6.6	6.3	6.4	6.9	6.6	6.6	7.2	6.8	7.0	7.2	7.0	7.1
5	6.4	6.3	6.3	6.7	6.2	6.4	7.1	6.7	6.9	7.3	7.0	7.1
6	6.4	6.3	6.3	6.9	6.2	6.3	7.2	6.8	6.9	7.3	7.0	7.0
7	6.6	6.4	6.4	6.9	6.3	6.4	7.2	6.9	6.9	7.2	6.9	7.0
8	6.6	6.4	6.4	6.8	6.4	6.5	7.2	6.9	7.0	7.2	7.0	7.0
9	6.6	6.4	6.4	7.0	6.7	6.8	7.3	7.1	7.2	7.2	6.9	7.0
10	6.7	6.4	6.5	7.1	6.8	7.0	7.3	7.3	7.3	7.2	6.9	7.0
11	6.7	6.4	6.5	7.0	6.6	6.8	7.3	6.8	7.1	7.2	6.8	7.0
12	6.8	6.6	6.7	6.9	6.6	6.7	6.8	6.6	6.6	7.2	7.0	7.1
13	7.0	6.6	6.7	6.9	6.6	6.6	7.0	6.6	6.7	7.1	6.9	7.0
14	6.9	6.6	6.7	6.9	6.6	6.7	7.1	6.8	6.9	7.1	6.9	7.0
15	6.9	6.6	6.7	6.9	6.7	6.8	7.2	6.8	6.9	7.3	6.9	7.2
16	7.0	6.8	6.8	7.0	6.8	6.9	7.2	7.0	7.1	7.2	6.9	7.0
17	7.0	6.8	6.9	7.0	6.6	6.9	7.3	7.1	7.2	7.3	6.9	7.0
18	7.0	6.7	6.8	6.6	6.3	6.5	7.3	7.0	7.2	7.2	6.9	7.0
19	7.1	6.8	7.0	6.6	6.3	6.3	7.2	6.9	7.0	7.3	6.9	7.1
20	7.1	7.0	7.1	6.6	6.2	6.3	7.3	7.0	7.1	7.2	7.0	7.1
21	7.1	6.9	7.0	6.4	6.2	6.2	7.3	7.0	7.0	7.2	7.0	7.1
22	6.9	6.5	6.6	6.2	6.0	6.0	7.2	6.9	7.0	7.2	6.9	7.0
23	6.8	6.5	6.5	6.0	5.9	5.9	7.2	6.9	7.0	7.2	6.8	7.0
24	6.9	6.6	6.7	6.0	6.0	6.0	7.2	7.0	7.2	7.2	6.8	6.9
25	6.9	6.7	6.8	6.1	6.0	6.0	7.3	7.2	7.2	7.2	6.9	7.1
26	6.9	6.6	6.8	6.5	6.0	6.3	7.3	6.9	7.2	7.2	7.0	7.1
27	6.9	6.7	6.8	6.8	6.3	6.5	6.9	6.7	6.8	7.2	7.0	7.1
28	7.0	6.7	6.9	6.8	6.6	6.7	7.1	6.8	6.9	7.2	7.0	7.1
29	7.1	6.8	7.0	6.9	6.6	6.7	7.2	6.9	7.0	7.2	6.9	7.0
30	7.0	6.7	6.9	6.8	6.6	6.7	7.2	7.0	7.0	7.3	6.9	7.1
31	---	---	---	6.8	6.4	6.5	7.2	7.0	7.1	---	---	---
Max	7.1	7.0	7.1	7.1	6.8	7.0	7.3	7.3	7.3	7.3	7.0	7.2
Min	6.4	6.3	6.3	6.0	5.9	5.9	6.8	6.6	6.6	7.1	6.8	6.9

02081051 CONOHO CREEK AT MOUTH NEAR WILLIAMSTON, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	October			November			December			January		
1	7.2	6.9	7.1	7.2	6.9	7.1	---	---	---	---	---	---
2	7.8	7.0	7.3	7.4	6.9	7.3	---	---	---	---	---	---
3	7.4	7.0	7.2	7.2	6.7	6.8	---	---	---	---	---	---
4	7.2	7.0	7.2	7.3	7.2	7.2	---	---	---	---	---	---
5	7.3	7.0	7.1	7.3	7.2	7.3	---	---	---	---	---	---
6	7.3	7.0	7.1	7.3	7.2	7.3	---	---	---	---	---	---
7	7.2	6.8	7.0	---	---	---	---	---	---	---	---	---
8	7.3	6.9	7.1	---	---	---	---	---	---	---	---	---
9	7.2	6.9	7.0	---	---	---	---	---	---	---	---	---
10	7.2	7.0	7.1	---	---	---	---	---	---	---	---	---
11	7.2	7.0	7.1	---	---	---	---	---	---	---	---	---
12	7.3	6.8	7.0	---	---	---	---	---	---	---	---	---
13	7.3	7.1	7.2	---	---	---	---	---	---	---	---	---
14	7.3	7.1	7.2	---	---	---	---	---	---	---	---	---
15	7.3	7.1	7.2	---	---	---	---	---	---	---	---	---
16	7.3	7.1	7.2	---	---	---	---	---	---	---	---	---
17	7.3	7.0	7.2	---	---	---	---	---	---	---	---	---
18	7.3	7.0	7.2	---	---	---	---	---	---	---	---	---
19	7.3	7.0	7.2	---	---	---	---	---	---	---	---	---
20	7.3	6.8	7.2	---	---	---	---	---	---	---	---	---
21	7.2	6.9	7.1	---	---	---	---	---	---	---	---	---
22	7.3	7.0	7.1	---	---	---	---	---	---	---	---	---
23	7.3	7.1	7.2	---	---	---	---	---	---	---	---	---
24	7.3	7.1	7.2	---	---	---	---	---	---	---	---	---
25	7.3	7.2	7.3	---	---	---	---	---	---	---	---	---
26	7.3	7.2	7.2	---	---	---	---	---	---	---	---	---
27	7.2	7.0	7.1	---	---	---	---	---	---	---	---	---
28	7.1	6.8	7.0	---	---	---	---	---	---	---	---	---
29	7.1	6.8	6.9	---	---	---	---	---	---	---	---	---
30	7.2	6.9	7.1	---	---	---	---	---	---	---	---	---
31	7.2	7.0	7.1	---	---	---	---	---	---	---	---	---
Max	7.8	7.2	7.3	---	---	---	---	---	---	---	---	---
Min	7.1	6.8	6.9	---	---	---	---	---	---	---	---	---

02081051 CONOHO CREEK AT MOUTH NEAR WILLIAMSTON, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	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	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Max	---	---	---	---	---	---	---	---	---	---	---	---
Min	---	---	---	---	---	---	---	---	---	---	---	---

02081051 CONOHO CREEK AT MOUTH NEAR WILLIAMSTON, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	June			July			August			September		
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	---	---	---	---	---	---	---	---	---	---	---	---
Max	---	---	---	---	---	---	---	---	---	---	---	---
Min	---	---	---	---	---	---	---	---	---	---	---	---

02081051 CONOHO CREEK AT MOUTH NEAR WILLIAMSTON, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	18.0	16.8	17.5	15.5	13.7	14.5	---	---	---	---	---	---
2	18.5	17.4	17.9	15.4	14.2	15.1	---	---	---	---	---	---
3	18.4	17.2	17.6	15.4	11.9	13.0	---	---	---	---	---	---
4	18.8	17.4	18.3	15.4	14.8	15.1	---	---	---	---	---	---
5	23.4	18.1	20.8	14.8	13.7	14.6	---	---	---	---	---	---
6	23.3	19.1	21.8	13.8	11.7	12.9	---	---	---	---	---	---
7	19.1	16.6	17.4	---	---	---	---	---	---	---	---	---
8	21.4	17.2	17.9	---	---	---	---	---	---	---	---	---
9	21.4	20.6	21.1	---	---	---	---	---	---	---	---	---
10	21.4	20.1	20.9	---	---	---	---	---	---	---	---	---
11	21.3	20.9	21.1	---	---	---	---	---	---	---	---	---
12	21.3	20.8	21.1	---	---	---	---	---	---	---	---	---
13	21.1	20.5	20.9	---	---	---	---	---	---	---	---	---
14	20.6	20.5	20.5	---	---	---	---	---	---	---	---	---
15	20.5	19.8	20.0	---	---	---	---	---	---	---	---	---
16	20.1	19.5	19.8	---	---	---	---	---	---	---	---	---
17	19.9	18.1	19.2	---	---	---	---	---	---	---	---	---
18	19.1	18.2	18.7	---	---	---	---	---	---	---	---	---
19	19.4	18.8	19.1	---	---	---	---	---	---	---	---	---
20	20.0	19.2	19.5	---	---	---	---	---	---	---	---	---
21	19.2	17.6	18.2	---	---	---	---	---	---	---	---	---
22	17.6	16.5	16.8	---	---	---	---	---	---	---	---	---
23	16.5	14.6	15.7	---	---	---	---	---	---	---	---	---
24	14.6	12.3	13.1	---	---	---	---	---	---	---	---	---
25	12.5	11.6	12.0	---	---	---	---	---	---	---	---	---
26	12.4	11.4	11.9	---	---	---	---	---	---	---	---	---
27	12.1	11.1	11.4	---	---	---	---	---	---	---	---	---
28	13.9	11.2	12.6	---	---	---	---	---	---	---	---	---
29	13.6	11.7	12.6	---	---	---	---	---	---	---	---	---
30	13.7	12.1	12.8	---	---	---	---	---	---	---	---	---
31	14.1	12.6	13.4	---	---	---	---	---	---	---	---	---
Month	23.4	11.1	17.5	---	---	---	---	---	---	---	---	---

02081051 CONOHO CREEK AT MOUTH NEAR WILLIAMSTON, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	---	---	---	18.5	16.2	17.1	19.4	18.5	18.9
2	---	---	---	---	---	---	18.2	14.4	14.9	19.9	19.2	19.6
3	---	---	---	---	---	---	15.1	14.5	14.8	19.9	19.0	19.6
4	---	---	---	---	---	---	15.6	14.9	15.2	19.0	17.8	18.4
5	---	---	---	---	---	---	15.7	15.4	15.5	17.9	17.3	17.7
6	---	---	---	---	---	---	15.4	14.0	14.5	17.9	16.5	17.4
7	---	---	---	---	---	---	14.1	12.5	13.3	16.5	15.1	15.8
8	---	---	---	---	---	---	13.3	11.4	12.5	15.6	14.7	15.0
9	---	---	---	---	---	---	13.0	11.9	12.5	16.8	15.1	15.8
10	---	---	---	---	---	---	13.4	11.8	12.6	19.4	16.6	17.6
11	---	---	---	---	---	---	13.0	12.3	12.6	21.4	18.6	19.7
12	---	---	---	---	---	---	14.5	12.8	13.6	21.4	20.6	20.9
13	---	---	---	---	---	---	14.5	13.1	13.8	21.2	19.3	20.2
14	---	---	---	---	---	---	14.2	13.3	13.8	19.3	16.9	18.1
15	---	---	---	---	---	---	15.2	14.1	14.6	19.7	16.8	18.0
16	---	---	---	---	---	---	14.8	13.6	14.0	21.4	18.5	19.5
17	---	---	---	---	---	---	14.3	13.2	13.8	21.4	19.4	20.3
18	---	---	---	---	---	---	14.4	13.5	14.0	19.4	17.7	18.5
19	---	---	---	---	---	---	13.9	13.4	13.6	17.9	16.5	17.0
20	---	---	---	---	---	---	14.2	13.1	13.7	18.1	16.9	17.3
21	---	---	---	---	---	---	14.6	13.4	14.0	19.3	17.4	18.9
22	---	---	---	11.6	9.9	10.8	15.0	13.8	14.4	20.6	18.3	19.7
23	---	---	---	12.6	10.8	11.6	15.4	14.6	15.0	20.5	19.0	19.9
24	---	---	---	14.8	12.0	13.2	16.1	15.2	15.6	20.8	18.7	19.8
25	---	---	---	16.0	14.3	15.1	16.9	15.8	16.3	21.1	18.8	20.0
26	---	---	---	16.3	14.6	15.4	17.4	16.7	17.0	21.7	19.8	20.6
27	---	---	---	17.8	15.8	16.7	18.0	17.3	17.6	22.5	21.1	21.6
28	---	---	---	18.8	17.4	18.0	18.3	17.8	18.0	23.3	21.9	22.4
29	---	---	---	18.0	16.3	17.0	18.4	17.8	18.1	23.9	22.4	23.1
30	---	---	---	16.9	14.4	15.7	18.8	17.8	18.3	23.9	22.9	23.4
31	---	---	---	17.3	14.4	15.8	---	---	---	24.3	20.5	23.3
Month	---	---	---	---	---	---	18.8	11.4	14.8	24.3	14.7	19.3

02081051 CONOHO CREEK AT MOUTH NEAR WILLIAMSTON, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	24.8	23.5	23.8	27.8	27.0	27.3	28.3	26.8	27.4	27.9	27.0	27.5
2	24.7	23.9	24.2	27.8	26.1	26.7	28.3	27.0	27.7	27.6	26.2	26.7
3	24.1	22.9	23.5	27.4	26.3	26.5	28.1	27.4	27.7	27.2	25.7	26.5
4	23.8	22.8	23.2	26.4	24.1	24.6	28.8	27.4	27.8	27.3	25.8	26.1
5	24.5	22.9	23.5	25.1	23.5	24.2	28.8	27.7	28.2	27.7	26.0	26.8
6	24.4	23.7	24.1	27.5	24.6	25.3	29.4	28.1	28.5	27.6	26.3	26.9
7	25.0	23.7	24.1	27.4	25.4	26.3	29.5	28.4	28.9	27.8	26.0	26.8
8	25.8	24.2	24.8	27.8	26.1	26.8	30.1	29.2	29.6	27.8	26.2	26.9
9	26.4	25.2	25.7	28.8	27.2	27.9	30.5	29.7	30.1	27.4	26.5	26.9
10	26.8	25.6	26.0	29.3	28.3	28.8	30.4	29.9	30.3	27.4	26.4	26.9
11	27.0	24.5	25.8	29.1	28.1	28.7	29.9	28.5	29.3	27.6	26.3	27.1
12	27.4	25.6	26.4	28.6	28.1	28.4	28.5	26.3	27.0	27.5	26.8	27.3
13	27.3	25.4	26.1	28.3	27.6	27.9	28.0	26.4	26.9	27.3	26.2	26.8
14	26.1	24.3	25.2	27.8	27.0	27.3	28.5	27.1	27.6	26.9	26.2	26.4
15	25.2	23.0	24.1	27.8	27.2	27.5	29.3	27.0	27.9	27.4	25.4	26.6
16	25.2	23.8	24.3	28.3	27.4	27.7	29.1	27.9	28.5	26.9	24.4	25.4
17	25.2	24.4	24.7	28.4	26.5	27.8	29.3	28.4	28.9	25.9	23.7	24.7
18	25.6	24.5	24.9	26.6	25.2	25.7	29.3	28.5	28.8	24.9	23.0	24.0
19	26.3	25.1	25.6	27.4	25.5	26.2	28.7	27.3	27.8	24.4	22.6	23.7
20	27.2	26.3	26.9	28.0	26.8	27.2	29.2	27.9	28.3	24.0	23.6	23.8
21	27.1	26.0	26.4	27.1	24.6	25.9	29.1	28.1	28.6	24.2	23.6	23.8
22	26.2	25.2	25.5	24.6	22.3	23.1	29.1	27.9	28.5	24.1	23.5	23.8
23	26.3	24.7	25.2	23.2	21.4	22.3	29.3	27.7	28.3	24.4	23.6	24.0
24	26.5	24.9	25.6	23.5	22.8	23.2	29.6	28.1	28.9	24.6	23.4	24.1
25	26.6	25.6	26.1	24.7	23.3	24.2	30.1	29.4	29.7	25.1	23.7	24.2
26	26.6	25.7	26.1	26.7	23.8	25.1	29.6	28.7	29.2	25.5	23.9	24.6
27	27.5	26.3	26.8	27.8	25.6	26.6	28.7	27.8	28.1	25.7	24.6	25.2
28	27.8	26.8	27.2	28.1	26.8	27.3	28.7	27.4	27.9	25.9	24.8	25.3
29	27.8	27.2	27.4	27.9	27.0	27.5	28.8	27.6	28.0	25.2	23.2	24.3
30	27.9	26.6	27.2	27.9	27.0	27.4	28.4	27.3	27.8	24.8	22.7	23.8
31	---	---	---	28.0	26.2	26.9	28.1	27.1	27.5	---	---	---
Month	27.9	22.8	25.3	29.3	21.4	26.4	30.5	26.3	28.4	27.9	22.6	25.6

02081051 CONOHO CREEK AT MOUTH NEAR WILLIAMSTON, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	24.3	22.6	23.4	18.4	17.8	17.9	---	---	---	---	---	---
2	24.2	23.2	23.7	17.8	16.6	17.4	---	---	---	---	---	---
3	24.0	23.0	23.7	17.6	15.0	16.1	---	---	---	---	---	---
4	24.2	23.5	23.9	17.6	16.8	17.3	---	---	---	---	---	---
5	24.4	23.8	24.0	17.2	16.2	16.6	---	---	---	---	---	---
6	24.7	23.9	24.2	16.5	15.6	16.1	---	---	---	---	---	---
7	24.8	23.8	24.3	---	---	---	---	---	---	---	---	---
8	25.7	24.5	25.1	---	---	---	---	---	---	---	---	---
9	25.9	24.6	25.2	---	---	---	---	---	---	---	---	---
10	25.7	25.2	25.4	---	---	---	---	---	---	---	---	---
11	25.3	23.5	24.8	---	---	---	---	---	---	---	---	---
12	24.6	21.8	23.3	---	---	---	---	---	---	---	---	---
13	23.9	22.6	23.3	---	---	---	---	---	---	---	---	---
14	23.3	21.5	22.4	---	---	---	---	---	---	---	---	---
15	22.8	21.0	21.7	---	---	---	---	---	---	---	---	---
16	21.6	20.5	21.1	---	---	---	---	---	---	---	---	---
17	21.1	20.3	20.7	---	---	---	---	---	---	---	---	---
18	21.0	20.4	20.7	---	---	---	---	---	---	---	---	---
19	21.6	20.8	21.1	---	---	---	---	---	---	---	---	---
20	21.6	21.1	21.4	---	---	---	---	---	---	---	---	---
21	21.7	20.1	21.0	---	---	---	---	---	---	---	---	---
22	21.7	20.6	21.2	---	---	---	---	---	---	---	---	---
23	22.3	21.1	21.8	---	---	---	---	---	---	---	---	---
24	22.5	22.1	22.3	---	---	---	---	---	---	---	---	---
25	22.4	22.1	22.2	---	---	---	---	---	---	---	---	---
26	22.2	22.0	22.1	---	---	---	---	---	---	---	---	---
27	22.2	21.9	22.1	---	---	---	---	---	---	---	---	---
28	21.9	20.1	21.1	---	---	---	---	---	---	---	---	---
29	20.1	18.9	19.5	---	---	---	---	---	---	---	---	---
30	19.6	18.4	19.1	---	---	---	---	---	---	---	---	---
31	19.2	18.2	18.5	---	---	---	---	---	---	---	---	---
Month	25.9	18.2	22.4	---	---	---	---	---	---	---	---	---

02081051 CONOHO CREEK AT MOUTH NEAR WILLIAMSTON, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

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	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

02081051 CONOHO CREEK AT MOUTH NEAR WILLIAMSTON, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
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	---	---	---	---	---	---	---	---	---	---	---	---

02081051 CONOHO CREEK AT MOUTH NEAR WILLIAMSTON, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	3.3	2.9	3.1	2.2	2.1	2.1	---	---	---	---	---	---
2	3.5	3.0	3.3	2.8	2.1	2.4	---	---	---	---	---	---
3	3.4	2.7	3.1	9.1	2.8	3.8	---	---	---	---	---	---
4	3.1	2.6	2.9	9.5	6.8	8.6	---	---	---	---	---	---
5	7.8	2.6	5.1	8.1	3.0	6.5	---	---	---	---	---	---
6	7.7	3.4	5.8	4.9	1.0	3.2	---	---	---	---	---	---
7	4.7	3.2	3.9	---	---	---	---	---	---	---	---	---
8	6.8	2.4	3.0	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	7.9	7.6	7.7	---	---	---	---	---	---	---	---	---
12	7.9	6.9	7.5	---	---	---	---	---	---	---	---	---
13	8.3	7.8	8.1	---	---	---	---	---	---	---	---	---
14	8.3	8.0	8.1	---	---	---	---	---	---	---	---	---
15	8.3	8.2	8.3	---	---	---	---	---	---	---	---	---
16	8.4	8.2	8.3	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	6.9	5.9	6.4	---	---	---	---	---	---	---	---	---
19	6.3	5.8	6.1	---	---	---	---	---	---	---	---	---
20	5.8	4.9	5.4	---	---	---	---	---	---	---	---	---
21	5.0	2.9	3.8	---	---	---	---	---	---	---	---	---
22	2.9	2.0	2.3	---	---	---	---	---	---	---	---	---
23	2.0	1.9	1.9	---	---	---	---	---	---	---	---	---
24	1.9	1.6	1.8	---	---	---	---	---	---	---	---	---
25	3.3	1.6	2.4	---	---	---	---	---	---	---	---	---
26	3.5	2.8	3.3	---	---	---	---	---	---	---	---	---
27	2.8	0.9	1.5	---	---	---	---	---	---	---	---	---
28	3.5	1.6	2.8	---	---	---	---	---	---	---	---	---
29	2.6	2.0	2.3	---	---	---	---	---	---	---	---	---
30	2.3	1.6	1.9	---	---	---	---	---	---	---	---	---
31	2.3	2.2	2.2	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

02081051 CONOHO CREEK AT MOUTH NEAR WILLIAMSTON, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	---	---	---	3.0	2.2	2.5	3.0	2.7	2.8
2	---	---	---	---	---	---	9.9	2.3	8.6	2.9	2.2	2.5
3	---	---	---	---	---	---	9.9	9.5	9.7	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	9.8	9.3	9.6	---	---	---
6	---	---	---	---	---	---	9.9	3.7	6.9	---	---	---
7	---	---	---	---	---	---	8.6	6.8	7.8	---	---	---
8	---	---	---	---	---	---	9.9	8.2	9.1	---	---	---
9	---	---	---	---	---	---	9.9	9.3	9.6	---	---	---
10	---	---	---	---	---	---	9.7	9.3	9.5	---	---	---
11	---	---	---	---	---	---	9.4	8.9	9.2	---	---	---
12	---	---	---	---	---	---	9.0	8.7	8.9	---	---	---
13	---	---	---	---	---	---	9.1	8.5	8.7	---	---	---
14	---	---	---	---	---	---	8.8	8.3	8.6	---	---	---
15	---	---	---	---	---	---	8.3	6.5	7.5	---	---	---
16	---	---	---	---	---	---	6.6	5.6	6.0	---	---	---
17	---	---	---	---	---	---	6.9	4.8	5.4	2.0	1.2	1.5
18	---	---	---	---	---	---	8.8	6.9	8.1	1.8	1.3	1.5
19	---	---	---	---	---	---	10.1	8.7	9.5	2.5	1.7	2.1
20	---	---	---	---	---	---	10.2	9.4	9.9	2.6	2.2	2.4
21	---	---	---	---	---	---	9.4	4.4	7.2	2.5	1.3	1.9
22	---	---	---	10.3	8.7	9.7	4.6	3.4	3.9	1.7	1.0	1.3
23	---	---	---	10.6	9.8	10.1	3.5	2.0	2.5	1.6	1.0	1.3
24	---	---	---	10.3	9.7	10	2.9	2.0	2.3	1.4	0.8	1.1
25	---	---	---	9.7	8.3	9.0	3.2	2.6	2.8	1.6	0.8	1.1
26	---	---	---	8.3	6.5	7.4	3.6	3.2	3.4	1.6	0.6	0.8
27	---	---	---	6.5	5.0	5.7	3.7	3.2	3.4	1.6	0.0	0.7
28	---	---	---	5.0	4.0	4.4	3.8	3.2	3.5	1.4	0.0	0.4
29	---	---	---	4.1	3.2	3.5	3.8	2.8	3.1	6.9	0.2	1.8
30	---	---	---	3.6	2.8	3.2	2.9	2.7	2.8	7.1	0.3	2.1
31	---	---	---	3.7	2.7	3.1	---	---	---	8.0	0.5	2.5
Month	---	---	---	---	---	---	---	---	---	---	---	---

02081051 CONOHO CREEK AT MOUTH NEAR WILLIAMSTON, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	7.5	2.2	4.2	5.3	3.3	4.3	6.5	4.2	5.1	---	---	---
2	7.1	2.9	4.4	5.0	2.6	3.5	6.4	4.4	5.4	---	---	---
3	5.8	1.1	3.3	4.7	2.7	3.6	6.4	5.2	5.8	---	---	---
4	2.0	0.6	1.2	---	---	---	6.0	4.3	5.3	---	---	---
5	3.4	1.1	1.7	---	---	---	5.7	3.7	4.6	---	---	---
6	3.4	0.4	1.3	---	---	---	6.2	3.9	4.9	---	---	---
7	4.0	0.3	1.2	---	---	---	5.6	3.7	5.0	6.5	4.6	5.6
8	4.1	0.6	1.7	---	---	---	6.0	4.8	5.3	6.8	5.3	5.9
9	3.9	1.1	2.1	---	---	---	6.4	5.3	5.8	6.5	4.4	5.4
10	5.2	1.4	2.7	---	---	---	6.2	5.5	5.9	6.4	4.5	5.4
11	5.8	0.9	3.2	---	---	---	5.7	2.8	4.7	6.6	3.9	5.6
12	6.5	3.2	4.7	---	---	---	3.5	1.9	2.5	6.8	5.4	6.2
13	6.6	2.9	4.4	---	---	---	5.0	2.5	3.7	6.6	4.6	5.6
14	5.5	2.3	4.0	---	---	---	5.5	3.8	4.4	6.3	4.8	5.5
15	6.0	2.7	4.3	---	---	---	5.9	4.0	4.8	7.2	4.6	6.2
16	6.6	4.5	5.3	---	---	---	6.0	3.5	5.1	7.2	4.3	5.8
17	6.4	4.9	5.5	---	---	---	6.2	3.9	5.2	7.2	4.4	5.8
18	6.5	4.4	5.4	---	---	---	5.7	3.7	5.0	7.1	4.7	5.7
19	7.1	4.8	6.4	3.0	1.4	2.1	5.5	3.0	4.0	7.4	4.6	6.1
20	7.1	6.4	6.8	3.1	1.6	2.3	5.8	3.9	4.8	7.0	5.2	6.1
21	6.7	4.9	6.1	3.4	1.2	2.0	5.9	3.3	4.4	7.0	4.9	6.2
22	4.9	2.0	2.8	5.5	3.4	4.1	5.6	2.4	4.1	6.8	4.5	5.8
23	5.1	2.0	2.7	5.5	4.2	4.8	4.8	2.2	3.3	7.0	4.6	5.9
24	5.8	3.2	4.3	5.5	3.8	4.4	---	---	---	7.3	3.4	5.4
25	5.8	3.5	4.8	4.8	3.2	4.1	---	---	---	7.6	5.4	6.6
26	5.6	3.2	4.3	5.2	3.0	4.1	---	---	---	7.3	5.9	6.6
27	5.8	4.0	5.0	5.9	3.6	4.8	---	---	---	7.2	6.2	6.8
28	5.9	4.0	5.0	6.1	3.8	5.0	---	---	---	7.2	5.7	6.5
29	5.5	3.9	4.9	5.5	3.6	4.6	---	---	---	7.5	4.5	5.9
30	5.5	2.6	4.2	5.1	3.4	4.3	---	---	---	7.6	4.5	6.4
31	---	---	---	5.6	1.8	3.6	---	---	---	---	---	---
Month	7.5	0.3	3.9	---	---	---	---	---	---	---	---	---

02081051 CONOHO CREEK AT MOUTH NEAR WILLIAMSTON, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	7.6	5.3	6.5	---	---	---	---	---	---	---	---	---
2	10.1	6.2	7.8	---	---	---	---	---	---	---	---	---
3	8.6	5.4	7.1	---	---	---	---	---	---	---	---	---
4	7.5	5.5	6.8	---	---	---	---	---	---	---	---	---
5	7.5	5.3	6.4	---	---	---	---	---	---	---	---	---
6	7.1	5.5	6.3	---	---	---	---	---	---	---	---	---
7	6.7	3.8	5.2	---	---	---	---	---	---	---	---	---
8	7.1	4.4	6.1	---	---	---	---	---	---	---	---	---
9	7.0	4.4	5.7	---	---	---	---	---	---	---	---	---
10	6.8	5.6	6.2	---	---	---	---	---	---	---	---	---
11	6.9	5.2	6.2	---	---	---	---	---	---	---	---	---
12	7.0	1.4	3.7	---	---	---	---	---	---	---	---	---
13	7.4	6.4	6.9	---	---	---	---	---	---	---	---	---
14	7.7	6.4	7.1	---	---	---	---	---	---	---	---	---
15	7.8	6.0	6.9	---	---	---	---	---	---	---	---	---
16	8.2	6.2	7.3	---	---	---	---	---	---	---	---	---
17	8.2	6.4	7.2	---	---	---	---	---	---	---	---	---
18	8.4	6.1	7.4	---	---	---	---	---	---	---	---	---
19	8.4	6.0	7.5	---	---	---	---	---	---	---	---	---
20	8.4	4.5	7.0	---	---	---	---	---	---	---	---	---
21	8.0	5.1	6.9	---	---	---	---	---	---	---	---	---
22	8.2	6.5	7.3	---	---	---	---	---	---	---	---	---
23	8.0	6.8	7.4	---	---	---	---	---	---	---	---	---
24	8.1	6.9	7.6	---	---	---	---	---	---	---	---	---
25	8.5	7.2	7.9	---	---	---	---	---	---	---	---	---
26	8.0	7.2	7.6	---	---	---	---	---	---	---	---	---
27	8.0	6.0	7.0	---	---	---	---	---	---	---	---	---
28	7.6	4.1	5.8	---	---	---	---	---	---	---	---	---
29	7.4	3.9	5.5	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

02081051 CONOHO CREEK AT MOUTH NEAR WILLIAMSTON, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

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	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

02081051 CONOHO CREEK AT MOUTH NEAR WILLIAMSTON, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
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	---	---	---	---	---	---	---	---	---	---	---	---

02081051 CONOHO CREEK AT MOUTH NEAR WILLIAMSTON, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	35	30	33	21	20	21	---	---	---	---	---	---
2	37	32	35	28	21	24	---	---	---	---	---	---
3	36	28	32	91	26	37	---	---	---	---	---	---
4	33	28	31	95	67	86	---	---	---	---	---	---
5	92	28	58	80	29	64	---	---	---	---	---	---
6	---	---	---	47	9	30	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	92	90	91	---	---	---	---	---	---	---	---	---
16	93	90	91	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	74	63	68	---	---	---	---	---	---	---	---	---
19	68	63	66	---	---	---	---	---	---	---	---	---
20	63	53	59	---	---	---	---	---	---	---	---	---
21	54	30	41	---	---	---	---	---	---	---	---	---
22	30	21	24	---	---	---	---	---	---	---	---	---
23	21	19	19	---	---	---	---	---	---	---	---	---
24	19	15	17	---	---	---	---	---	---	---	---	---
25	31	15	22	---	---	---	---	---	---	---	---	---
26	33	26	31	---	---	---	---	---	---	---	---	---
27	26	8	14	---	---	---	---	---	---	---	---	---
28	33	15	27	---	---	---	---	---	---	---	---	---
29	25	19	22	---	---	---	---	---	---	---	---	---
30	22	15	18	---	---	---	---	---	---	---	---	---
31	22	21	21	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

02081051 CONOHO CREEK AT MOUTH NEAR WILLIAMSTON, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	---	---	---	31	23	26	33	29	30
2	---	---	---	---	---	---	98	24	86	32	24	28
3	---	---	---	---	---	---	98	94	96	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	99	93	96	---	---	---
6	---	---	---	---	---	---	99	36	68	---	---	---
7	---	---	---	---	---	---	83	66	75	---	---	---
8	---	---	---	---	---	---	95	77	86	---	---	---
9	---	---	---	---	---	---	94	86	90	---	---	---
10	---	---	---	---	---	---	93	86	89	---	---	---
11	---	---	---	---	---	---	89	84	86	---	---	---
12	---	---	---	---	---	---	89	83	85	---	---	---
13	---	---	---	---	---	---	90	81	85	---	---	---
14	---	---	---	---	---	---	86	79	83	---	---	---
15	---	---	---	---	---	---	81	64	74	---	---	---
16	---	---	---	---	---	---	65	54	59	---	---	---
17	---	---	---	---	---	---	67	47	52	23	13	16
18	---	---	---	---	---	---	86	67	79	19	14	16
19	---	---	---	---	---	---	98	84	92	26	18	22
20	---	---	---	---	---	---	100	91	96	28	23	25
21	---	---	---	---	---	---	91	43	70	26	14	20
22	---	---	---	95	78	88	45	34	39	18	11	14
23	---	---	---	100	89	94	35	20	25	18	11	14
24	---	---	---	101	91	95	30	20	23	15	9	12
25	---	---	---	95	83	89	33	26	29	18	9	12
26	---	---	---	83	66	74	38	33	35	18	7	10
27	---	---	---	66	53	59	39	33	36	18	0	8
28	---	---	---	53	42	46	40	34	37	16	0	5
29	---	---	---	43	33	37	40	30	33	82	2	21
30	---	---	---	37	28	33	31	29	30	84	4	25
31	---	---	---	39	26	31	---	---	---	90	6	30
Month	---	---	---	---	---	---	---	---	---	---	---	---

02081051 CONOHO CREEK AT MOUTH NEAR WILLIAMSTON, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	90	26	51	68	42	54	84	53	65	---	---	---
2	86	35	53	64	32	43	83	55	69	---	---	---
3	69	13	39	60	34	45	82	67	74	---	---	---
4	24	7	15	---	---	---	77	55	68	---	---	---
5	41	13	21	---	---	---	74	48	59	---	---	---
6	41	5	15	---	---	---	81	50	63	---	---	---
7	49	4	15	---	---	---	74	48	65	82	57	70
8	50	7	21	---	---	---	80	63	71	87	66	75
9	48	13	26	---	---	---	86	70	77	82	55	68
10	65	17	33	---	---	---	83	73	79	81	56	68
11	73	11	39	---	---	---	76	36	62	84	49	70
12	82	39	59	---	---	---	---	---	---	86	68	79
13	84	36	55	---	---	---	---	---	---	83	57	70
14	68	28	49	---	---	---	---	---	---	79	60	68
15	73	32	52	---	---	---	---	---	---	91	56	77
16	78	53	63	---	---	---	---	---	---	89	52	71
17	76	59	66	---	---	---	81	51	68	89	52	71
18	79	52	65	---	---	---	75	48	64	86	55	69
19	88	59	79	38	17	26	71	38	51	89	54	73
20	88	80	85	40	20	29	76	51	62	83	62	72
21	85	61	76	41	15	25	77	43	57	83	58	74
22	61	25	33	64	41	49	73	31	53	81	54	69
23	63	24	32	64	48	56	63	28	42	84	54	70
24	71	39	53	65	45	52	---	---	---	88	40	65
25	69	43	59	57	38	49	---	---	---	92	64	79
26	68	40	53	64	36	50	---	---	---	88	70	80
27	73	50	62	75	44	60	---	---	---	89	75	83
28	74	50	63	78	48	63	---	---	---	89	69	80
29	70	49	62	70	48	59	---	---	---	91	53	71
30	70	33	53	65	43	54	---	---	---	92	52	76
31	---	---	---	71	23	45	---	---	---	---	---	---
Month	90	4	48	---	---	---	---	---	---	---	---	---

02081051 CONOHO CREEK AT MOUTH NEAR WILLIAMSTON, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	91	62	76	---	---	---	---	---	---	---	---	---
2	121	73	93	---	---	---	---	---	---	---	---	---
3	102	63	84	---	---	---	---	---	---	---	---	---
4	89	65	80	---	---	---	---	---	---	---	---	---
5	90	63	76	---	---	---	---	---	---	---	---	---
6	86	66	76	---	---	---	---	---	---	---	---	---
7	81	46	62	---	---	---	---	---	---	---	---	---
8	87	53	74	---	---	---	---	---	---	---	---	---
9	86	53	70	---	---	---	---	---	---	---	---	---
10	83	68	76	---	---	---	---	---	---	---	---	---
11	84	61	75	---	---	---	---	---	---	---	---	---
12	84	16	44	---	---	---	---	---	---	---	---	---
13	87	74	81	---	---	---	---	---	---	---	---	---
14	90	74	82	---	---	---	---	---	---	---	---	---
15	90	68	79	---	---	---	---	---	---	---	---	---
16	93	69	82	---	---	---	---	---	---	---	---	---
17	92	71	81	---	---	---	---	---	---	---	---	---
18	94	68	83	---	---	---	---	---	---	---	---	---
19	94	68	85	---	---	---	---	---	---	---	---	---
20	95	51	79	---	---	---	---	---	---	---	---	---
21	91	58	78	---	---	---	---	---	---	---	---	---
22	93	73	83	---	---	---	---	---	---	---	---	---
23	92	77	85	---	---	---	---	---	---	---	---	---
24	94	80	88	---	---	---	---	---	---	---	---	---
25	98	83	92	---	---	---	---	---	---	---	---	---
26	92	83	87	---	---	---	---	---	---	---	---	---
27	92	69	81	---	---	---	---	---	---	---	---	---
28	86	46	66	---	---	---	---	---	---	---	---	---
29	81	42	60	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

02081051 CONOHO CREEK AT MOUTH NEAR WILLIAMSTON, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

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	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

02081051 CONOHO CREEK AT MOUTH NEAR WILLIAMSTON, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
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	---	---	---	---	---	---	---	---	---	---	---	---