



Water-Data Report 2007

0208102845 CONIOTT CREEK NEAR MOUTH NEAR QUITNSA, NC

Roanoke Basin
Lower Roanoke Subbasin

LOCATION.--Lat 35°56'40", long 77°04'20" referenced to North American Datum of 1983, Bertie County, NC, Hydrologic Unit 03010107, approximately 1.91 mi south of Quitsna, near Secondary Road 1109.

DRAINAGE AREA.--18.2 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	37.5
Nov 8, 2006	230
Apr 5, 2007	-283
Apr 25, 2007	2,060
May 2, 2007	678
May 16, 2007	17.1
May 31, 2007	-1.35
Jun 13, 2007	2.72
Jun 27, 2007	1.04
Jul 18, 2007	1.55
Aug 1, 2007	2.16
Aug 15, 2007	0.980
Sep 5, 2007	-0.921
Sep 19, 2007	0.017

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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 November 2007.

DISSOLVED OXYGEN, PERCENT SATURATION: July to November 2006, March to November 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, 191 microsiemens, October 29, 2006; minimum recorded, 65 microsiemens, September 8, 2006.

pH: Maximum recorded, 7.6 standard units, September 17, 2007; minimum recorded, 6.0 standard units, September 8, 2006.

WATER TEMPERATURE: Maximum recorded, 30.5°C, August 4, 2006, August 9, 2007; minimum recorded, 10.1°C, October 26, 2007, March 21, 22, 2007.

DISSOLVED OXYGEN: Maximum recorded, 10.5 mg/L, April 5, 2007; minimum recorded, 0, August 8, 2006, September 13, 2006.

DISSOLVED OXYGEN, PERCENT SATURATION: Maximum recorded, 106%, July 26, 2007; minimum recorded, 0%, August 8, 2006, September 13, 2006.

EXTREMES FOR CURRENT PERIOD.--

SPECIFIC CONDUCTANCE: Maximum recorded, 191 microsiemens, October 29, 2006; minimum recorded, 92 microsiemens, March 21, 2007.

pH: Maximum recorded, 7.6 standard units, September 17, 2007; minimum recorded, 6.2 standard units, October 7, 8, 9, 10, 2006.

WATER TEMPERATURE: Maximum recorded, 30.5°C, August 9, 2007; minimum recorded, 10.1°C, March 21, 22, 2007, October 26, 2007.

DISSOLVED OXYGEN: Maximum recorded, 10.5 mg/L, April 5, 2007; minimum recorded, 1.1 mg/L, October 29, 2007.

DISSOLVED OXYGEN, PERCENT SATURATION: Maximum recorded, 106%, July 26, 2007; minimum recorded, 11%, October 29, 2007.

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

[Remark codes: <, less than.]

Date	Time	Sample type	Instan- taneous dis- charge, cfs (00061)	Dis- solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif- ic conduc- tance, wat unf µS/cm 25 degC (00095)	Temper- ature, water, deg C (00010)	BOD, water, unfltrd 5 day, 20 degC mg/L (00310)
Oct								
19...	1100	Environmental	38	5.1	6.8	115	19.6	1.2
Nov								
08...	0930	Environmental	230	--	6.5	110	14.1	2.2
Apr								
05...	0930	Environmental	-283	9.9	7.0	99	15.1	<1.0
25...	0900	Environmental	2,060	5.7	6.6	95	17.0	<1.0
May								
02...	1200	Environmental	678	2.8	6.6	100	19.6	<2.0
16...	0900	Environmental	17	2.3	6.7	126	18.8	1.8
31...	1015	Environmental	-1.4	5.9	7.0	121	23.0	1.2
Jun								
13...	1045	Environmental	2.7	6.1	7.0	128	25.4	1.4
27...	1430	Environmental	1.0	6.2	7.0	124	27.9	<1.0
Jul								
18...	0915	Environmental	1.6	5.0	6.8	124	25.9	2.9
Aug								
01...	1315	Environmental	2.2	6.3	7.1	130	27.4	<1.0
15...	0950	Environmental	.98	5.3	6.9	130	27.3	<1.0
Sep								
05...	1430	Environmental	-.92	7.7	7.4	132	27.5	<1.0
19...	1105	Environmental	.02	5.7	7.2	161	20.3	1.1
19...	1110	Replicate	.02	5.7	7.2	161	20.3	1.0

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

[Remark codes: <, less than.]

Date	Time	Instan- taneous dis- charge, cfs (00061)	Dis- solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif- ic conduc- tance, wat unf µS/cm 25 degC (00095)	Temper- ature, water, deg C (00010)	BOD, water, unfltrd 5 day, 20 degC mg/L (00310)
Oct							
03...	0930	.00	6.1	6.9	143	21.9	<1.0
Nov							
07...	0915	.00	7.5	6.2	131	11.6	<1.0

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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	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	97	94	95	---	---	---	---	---	---	---	---	---
15	101	94	97	---	---	---	---	---	---	---	---	---
16	103	101	102	---	---	---	---	---	---	---	---	---
17	103	99	101	---	---	---	---	---	---	---	---	---
18	112	101	104	---	---	---	---	---	---	---	---	---
19	120	112	115	---	---	---	---	---	---	---	---	---
20	124	112	115	---	---	---	---	---	---	---	---	---
21	112	109	111	---	---	---	---	---	---	---	---	---
22	110	108	109	---	---	---	---	---	---	---	---	---
23	110	106	108	---	---	---	---	---	---	---	---	---
24	137	106	119	---	---	---	---	---	---	---	---	---
25	156	137	149	---	---	---	---	---	---	---	---	---
26	154	144	148	---	---	---	---	---	---	---	---	---
27	157	143	149	---	---	---	---	---	---	---	---	---
28	176	152	159	---	---	---	---	---	---	---	---	---
29	191	112	155	---	---	---	---	---	---	---	---	---
30	174	104	124	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

0208102845 CONIOTT CREEK NEAR MOUTH NEAR QUITNSA, 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	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	109	103	104
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	109	106	108
6	---	---	---	---	---	---	106	102	103	109	107	109
7	---	---	---	---	---	---	---	---	---	116	109	110
8	---	---	---	---	---	---	---	---	---	116	111	113
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	123	119	121
13	---	---	---	---	---	---	---	---	---	125	123	124
14	---	---	---	---	---	---	---	---	---	125	123	124
15	---	---	---	---	---	---	---	---	---	123	121	122
16	---	---	---	---	---	---	---	---	---	124	121	123
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	124	121	122
19	---	---	---	---	---	---	---	---	---	121	118	120
20	---	---	---	---	---	---	---	---	---	121	117	119
21	---	---	---	---	---	---	---	---	---	121	117	119
22	---	---	---	---	---	---	---	---	---	124	115	121
23	---	---	---	---	---	---	---	---	---	126	112	118
24	---	---	---	---	---	---	---	---	---	119	109	113
25	---	---	---	---	---	---	---	---	---	122	109	114
26	---	---	---	---	---	---	---	---	---	124	109	114
27	---	---	---	---	---	---	---	---	---	124	109	115
28	---	---	---	---	---	---	---	---	---	125	108	116
29	---	---	---	---	---	---	---	---	---	126	107	115
30	---	---	---	---	---	---	---	---	---	127	108	116
31	---	---	---	---	---	---	---	---	---	125	108	114
Month	---	---	---	---	---	---	---	---	---	---	---	---

0208102845 CONIOTT CREEK NEAR MOUTH NEAR QUITNSA, 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	116	110	112	---	---	---	131	113	126	133	126	129
2	124	110	113	---	---	---	132	124	128	134	122	127
3	---	---	---	---	---	---	129	118	122	133	121	128
4	---	---	---	---	---	---	127	116	123	135	125	130
5	---	---	---	---	---	---	130	117	124	135	130	133
6	---	---	---	---	---	---	131	118	126	133	130	131
7	---	---	---	---	---	---	131	119	127	133	130	131
8	---	---	---	---	---	---	128	119	125	136	120	127
9	---	---	---	---	---	---	128	123	125	136	125	130
10	---	---	---	---	---	---	127	113	122	135	125	130
11	---	---	---	---	---	---	124	116	121	134	125	131
12	---	---	---	---	---	---	131	124	127	133	122	126
13	---	---	---	---	---	---	134	118	128	147	125	139
14	---	---	---	---	---	---	133	120	126	144	140	142
15	---	---	---	---	---	---	136	127	131	144	134	140
16	---	---	---	---	---	---	133	129	131	144	133	140
17	---	---	---	---	---	---	133	124	130	144	133	140
18	---	---	---	---	---	---	129	124	127	---	---	---
19	---	---	---	135	124	127	131	124	127	---	---	---
20	---	---	---	131	120	124	129	116	126	155	153	154
21	---	---	---	135	119	125	129	116	123	155	151	153
22	---	---	---	---	---	---	134	122	128	154	151	152
23	---	---	---	---	---	---	134	128	130	155	152	154
24	---	---	---	---	---	---	132	127	129	164	153	159
25	---	---	---	---	---	---	131	125	128	165	159	162
26	---	---	---	131	126	128	132	126	129	166	160	162
27	---	---	---	132	127	130	135	121	130	163	158	162
28	---	---	---	133	125	130	132	113	120	158	154	156
29	---	---	---	134	124	129	128	117	124	162	152	158
30	---	---	---	135	119	130	129	123	126	162	160	161
31	---	---	---	132	113	125	133	121	127	---	---	---
Month	---	---	---	---	---	---	136	113	126	---	---	---

0208102845 CONIOTT CREEK NEAR MOUTH NEAR QUILTSNA, 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	160	151	156	142	139	140	---	---	---	---	---	---
2	153	143	146	142	132	138	---	---	---	---	---	---
3	148	144	146	159	136	148	---	---	---	---	---	---
4	150	145	148	155	142	147	---	---	---	---	---	---
5	151	149	150	153	135	143	---	---	---	---	---	---
6	153	149	151	140	135	137	---	---	---	---	---	---
7	158	148	153	---	---	---	---	---	---	---	---	---
8	161	152	155	---	---	---	---	---	---	---	---	---
9	161	150	156	---	---	---	---	---	---	---	---	---
10	159	146	153	---	---	---	---	---	---	---	---	---
11	153	143	147	---	---	---	---	---	---	---	---	---
12	171	153	159	---	---	---	---	---	---	---	---	---
13	171	161	165	---	---	---	---	---	---	---	---	---
14	163	157	159	---	---	---	---	---	---	---	---	---
15	160	155	158	---	---	---	---	---	---	---	---	---
16	159	151	153	---	---	---	---	---	---	---	---	---
17	155	149	152	---	---	---	---	---	---	---	---	---
18	156	155	155	---	---	---	---	---	---	---	---	---
19	157	155	156	---	---	---	---	---	---	---	---	---
20	160	153	156	---	---	---	---	---	---	---	---	---
21	165	155	160	---	---	---	---	---	---	---	---	---
22	165	160	162	---	---	---	---	---	---	---	---	---
23	164	160	162	---	---	---	---	---	---	---	---	---
24	162	153	159	---	---	---	---	---	---	---	---	---
25	155	142	147	---	---	---	---	---	---	---	---	---
26	146	141	144	---	---	---	---	---	---	---	---	---
27	145	137	141	---	---	---	---	---	---	---	---	---
28	147	139	144	---	---	---	---	---	---	---	---	---
29	159	143	151	---	---	---	---	---	---	---	---	---
30	152	139	146	---	---	---	---	---	---	---	---	---
31	149	138	144	---	---	---	---	---	---	---	---	---
Month	171	137	153	---	---	---	---	---	---	---	---	---

0208102845 CONIOTT CREEK NEAR MOUTH NEAR QUITNSA, 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	---	---	---	---	---	---	---	---	---	---	---	---

0208102845 CONIOTT CREEK NEAR MOUTH NEAR QUITNSA, 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	---	---	---	---	---	---	---	---	---	---	---	---

0208102845 CONIOTT CREEK NEAR MOUTH NEAR QUITNSA, 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	6.5	6.4	6.5	7.0	6.8	7.0	---	---	---	---	---	---
2	6.6	6.4	6.5	7.1	6.8	7.0	---	---	---	---	---	---
3	6.6	6.3	6.5	7.4	7.1	7.2	---	---	---	---	---	---
4	7.1	6.3	6.5	7.4	6.9	7.4	---	---	---	---	---	---
5	7.2	7.0	7.2	7.2	6.8	6.9	---	---	---	---	---	---
6	7.2	6.5	6.9	7.0	6.9	6.9	---	---	---	---	---	---
7	6.5	6.2	6.3	7.1	7.0	7.0	---	---	---	---	---	---
8	6.6	6.2	6.2	---	---	---	---	---	---	---	---	---
9	6.6	6.2	6.3	---	---	---	---	---	---	---	---	---
10	7.0	6.2	6.7	---	---	---	---	---	---	---	---	---
11	7.0	6.8	6.9	---	---	---	---	---	---	---	---	---
12	7.0	6.6	6.6	---	---	---	---	---	---	---	---	---
13	7.2	7.0	7.2	---	---	---	---	---	---	---	---	---
14	7.3	7.2	7.2	---	---	---	---	---	---	---	---	---
15	7.2	7.2	7.2	---	---	---	---	---	---	---	---	---
16	7.2	7.0	7.2	---	---	---	---	---	---	---	---	---
17	7.0	6.8	6.8	---	---	---	---	---	---	---	---	---
18	6.8	6.8	6.8	---	---	---	---	---	---	---	---	---
19	6.9	6.8	6.8	---	---	---	---	---	---	---	---	---
20	7.3	6.7	6.8	---	---	---	---	---	---	---	---	---
21	6.7	6.6	6.7	---	---	---	---	---	---	---	---	---
22	6.6	6.6	6.6	---	---	---	---	---	---	---	---	---
23	7.1	6.6	6.8	---	---	---	---	---	---	---	---	---
24	7.2	7.1	7.2	---	---	---	---	---	---	---	---	---
25	7.3	7.1	7.2	---	---	---	---	---	---	---	---	---
26	7.4	7.3	7.4	---	---	---	---	---	---	---	---	---
27	7.5	7.4	7.5	---	---	---	---	---	---	---	---	---
28	7.4	7.4	7.4	---	---	---	---	---	---	---	---	---
29	7.4	7.4	7.4	---	---	---	---	---	---	---	---	---
30	7.4	6.7	7.3	---	---	---	---	---	---	---	---	---
31	6.9	6.7	6.7	---	---	---	---	---	---	---	---	---
Max	7.5	7.4	7.5	---	---	---	---	---	---	---	---	---
Min	6.5	6.2	6.2	---	---	---	---	---	---	---	---	---

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

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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	7.2	6.8	7.0	---	---	---	7.2	6.8	6.9	7.3	6.9	7.0
2	7.0	6.7	6.9	---	---	---	7.3	6.9	7.1	7.3	7.0	7.1
3	---	---	---	---	---	---	7.2	7.0	7.1	7.5	7.0	7.3
4	---	---	---	---	---	---	7.1	6.8	6.9	7.3	7.0	7.2
5	---	---	---	---	---	---	7.1	6.8	6.9	7.4	7.1	7.2
6	---	---	---	---	---	---	7.1	6.8	6.9	7.3	6.9	7.1
7	---	---	---	---	---	---	7.2	6.8	6.9	7.4	7.0	7.3
8	---	---	---	---	---	---	7.2	6.8	7.0	7.4	6.9	7.2
9	---	---	---	---	---	---	7.3	6.9	7.0	7.2	6.9	7.1
10	---	---	---	---	---	---	7.0	6.8	6.9	7.2	6.8	7.1
11	---	---	---	---	---	---	7.2	6.9	7.1	7.3	6.9	7.1
12	---	---	---	---	---	---	7.2	7.0	7.1	7.3	7.0	7.2
13	---	---	---	---	---	---	7.2	7.0	7.1	7.4	6.9	7.2
14	6.9	6.5	6.8	---	---	---	7.2	7.0	7.2	7.5	7.0	7.3
15	7.0	6.6	6.8	---	---	---	7.3	7.1	7.2	7.5	7.0	7.3
16	6.8	6.6	6.7	---	---	---	7.3	7.0	7.2	7.4	7.0	7.3
17	6.7	6.6	6.7	---	---	---	7.3	6.9	7.2	7.6	6.9	7.4
18	6.7	6.6	6.6	---	---	---	7.2	6.9	7.0	---	---	---
19	6.8	6.6	6.7	7.0	6.6	6.7	7.3	6.9	7.1	---	---	---
20	6.9	6.8	6.9	7.0	6.6	6.7	7.3	7.0	7.2	6.8	6.7	6.7
21	7.0	6.9	7.0	6.9	6.7	6.7	7.3	6.9	7.1	6.8	6.7	6.7
22	7.1	7.0	7.0	---	---	---	7.2	6.8	7.1	6.8	6.7	6.7
23	7.1	7.0	7.1	---	---	---	7.4	7.0	7.2	6.8	6.7	6.7
24	7.1	7.1	7.1	---	---	---	7.4	7.0	7.2	6.8	6.6	6.7
25	7.2	7.1	7.1	---	---	---	7.4	7.2	7.3	6.8	6.7	6.7
26	7.2	7.1	7.2	7.2	6.9	7.0	7.3	6.8	7.0	6.8	6.6	6.7
27	---	---	---	7.0	6.8	6.9	6.9	6.7	6.7	6.8	6.7	6.7
28	---	---	---	7.1	6.8	6.9	7.3	6.7	7.0	6.8	6.7	6.8
29	---	---	---	7.0	6.7	6.8	7.2	6.8	6.9	6.9	6.7	6.7
30	---	---	---	7.0	6.7	6.8	7.3	6.9	7.2	6.9	6.7	6.8
31	---	---	---	7.0	6.8	6.9	7.2	6.9	7.0	---	---	---
Max	---	---	---	---	---	---	7.4	7.2	7.3	---	---	---
Min	---	---	---	---	---	---	6.9	6.7	6.7	---	---	---

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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	6.9	6.8	6.8	7.0	6.8	6.8	---	---	---	---	---	---
2	7.0	6.8	6.8	7.0	6.7	6.9	---	---	---	---	---	---
3	7.0	6.8	6.9	6.9	6.7	6.7	---	---	---	---	---	---
4	7.0	6.8	6.9	6.9	6.7	6.8	---	---	---	---	---	---
5	7.0	6.9	6.9	6.9	6.7	6.8	---	---	---	---	---	---
6	7.0	6.8	6.9	6.9	6.8	6.9	---	---	---	---	---	---
7	6.9	6.7	6.8	---	---	---	---	---	---	---	---	---
8	6.8	6.7	6.8	---	---	---	---	---	---	---	---	---
9	6.9	6.7	6.8	---	---	---	---	---	---	---	---	---
10	6.9	6.7	6.8	---	---	---	---	---	---	---	---	---
11	7.0	6.8	6.9	---	---	---	---	---	---	---	---	---
12	6.9	6.8	6.8	---	---	---	---	---	---	---	---	---
13	6.9	6.8	6.8	---	---	---	---	---	---	---	---	---
14	7.0	6.9	7.0	---	---	---	---	---	---	---	---	---
15	7.0	6.9	6.9	---	---	---	---	---	---	---	---	---
16	7.0	6.9	6.9	---	---	---	---	---	---	---	---	---
17	7.0	6.9	6.9	---	---	---	---	---	---	---	---	---
18	6.9	6.8	6.9	---	---	---	---	---	---	---	---	---
19	6.9	6.8	6.8	---	---	---	---	---	---	---	---	---
20	6.9	6.7	6.8	---	---	---	---	---	---	---	---	---
21	6.9	6.7	6.8	---	---	---	---	---	---	---	---	---
22	6.9	6.7	6.8	---	---	---	---	---	---	---	---	---
23	6.9	6.8	6.8	---	---	---	---	---	---	---	---	---
24	6.9	6.8	6.8	---	---	---	---	---	---	---	---	---
25	7.2	6.8	6.9	---	---	---	---	---	---	---	---	---
26	7.1	6.7	6.8	---	---	---	---	---	---	---	---	---
27	6.8	6.7	6.7	---	---	---	---	---	---	---	---	---
28	6.9	6.7	6.7	---	---	---	---	---	---	---	---	---
29	6.8	6.7	6.7	---	---	---	---	---	---	---	---	---
30	6.9	6.7	6.7	---	---	---	---	---	---	---	---	---
31	6.8	6.7	6.8	---	---	---	---	---	---	---	---	---
Max	7.2	6.9	7.0	---	---	---	---	---	---	---	---	---
Min	6.8	6.7	6.7	---	---	---	---	---	---	---	---	---

0208102845 CONIOTT CREEK NEAR MOUTH NEAR QUITNSA, 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	---	---	---	---	---	---	---	---	---	---	---	---

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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	---	---	---	---	---	---	---	---	---	---	---	---

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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	18.4	17.2	17.6	16.2	14.3	15.1	---	---	---	---	---	---
2	18.4	17.1	17.9	15.9	14.8	15.6	---	---	---	---	---	---
3	20.8	16.9	18.7	15.8	13.1	14.3	---	---	---	---	---	---
4	22.6	19.2	21.3	15.8	15.1	15.3	---	---	---	---	---	---
5	23.3	22.1	22.8	15.1	14.8	14.9	---	---	---	---	---	---
6	23.0	19.5	21.6	14.8	14.3	14.6	---	---	---	---	---	---
7	19.5	15.9	17.0	14.6	14.4	14.5	---	---	---	---	---	---
8	20.3	16.8	17.7	---	---	---	---	---	---	---	---	---
9	20.2	18.2	18.8	---	---	---	---	---	---	---	---	---
10	21.4	18.3	20.1	---	---	---	---	---	---	---	---	---
11	21.1	20.6	20.9	---	---	---	---	---	---	---	---	---
12	21.2	19.9	20.4	---	---	---	---	---	---	---	---	---
13	21.2	20.6	20.8	---	---	---	---	---	---	---	---	---
14	20.8	20.3	20.5	---	---	---	---	---	---	---	---	---
15	20.3	19.5	19.9	---	---	---	---	---	---	---	---	---
16	20.0	19.6	19.8	---	---	---	---	---	---	---	---	---
17	19.7	19.5	19.6	---	---	---	---	---	---	---	---	---
18	19.9	19.5	19.6	---	---	---	---	---	---	---	---	---
19	20.0	19.6	19.8	---	---	---	---	---	---	---	---	---
20	20.4	19.6	20.0	---	---	---	---	---	---	---	---	---
21	19.6	17.3	18.2	---	---	---	---	---	---	---	---	---
22	17.3	16.0	16.3	---	---	---	---	---	---	---	---	---
23	16.0	14.4	15.4	---	---	---	---	---	---	---	---	---
24	14.4	12.2	12.9	---	---	---	---	---	---	---	---	---
25	16.6	11.7	13.9	---	---	---	---	---	---	---	---	---
26	11.7	10.1	10.7	---	---	---	---	---	---	---	---	---
27	11.2	10.6	10.8	---	---	---	---	---	---	---	---	---
28	14.5	11.2	12.9	---	---	---	---	---	---	---	---	---
29	14.2	12.3	13.2	---	---	---	---	---	---	---	---	---
30	14.4	12.4	13.3	---	---	---	---	---	---	---	---	---
31	14.7	12.9	13.8	---	---	---	---	---	---	---	---	---
Month	23.3	10.1	17.6	---	---	---	---	---	---	---	---	---

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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	---	---	---	---	---	---	18.4	15.8	16.8	19.4	18.5	19.0
2	---	---	---	---	---	---	15.8	14.2	14.7	20.3	19.0	19.6
3	---	---	---	---	---	---	14.9	14.6	14.7	20.1	19.0	19.6
4	---	---	---	---	---	---	15.6	14.8	15.1	19.0	17.7	18.3
5	---	---	---	---	---	---	15.6	14.7	15.3	17.7	17.1	17.4
6	---	---	---	---	---	---	15.2	14.1	14.6	17.5	16.1	17.0
7	---	---	---	---	---	---	15.0	13.8	14.3	16.1	14.8	15.4
8	---	---	---	---	---	---	13.8	13.4	13.5	15.2	14.4	14.7
9	---	---	---	---	---	---	13.4	11.6	12.2	---	---	---
10	---	---	---	---	---	---	12.4	11.1	11.7	---	---	---
11	---	---	---	---	---	---	12.3	11.5	11.8	---	---	---
12	---	---	---	---	---	---	13.8	12.0	12.6	22.5	20.5	21.1
13	---	---	---	---	---	---	14.0	13.0	13.5	21.1	18.8	19.8
14	---	---	---	---	---	---	14.0	13.2	13.5	18.8	16.0	17.5
15	---	---	---	---	---	---	14.9	13.6	14.1	20.0	16.3	17.8
16	---	---	---	---	---	---	14.8	13.7	14.1	21.8	18.7	19.8
17	---	---	---	---	---	---	14.2	13.3	13.7	21.8	19.1	20.3
18	---	---	---	---	---	---	14.2	13.6	14.0	19.1	17.3	18.0
19	---	---	---	---	---	---	13.7	13.6	13.6	17.7	16.0	16.8
20	---	---	---	---	---	---	13.8	13.5	13.6	18.9	16.4	17.7
21	---	---	---	---	---	---	14.4	13.4	13.8	20.5	18.5	19.4
22	---	---	---	11.7	10.1	10.4	15.0	13.8	14.3	21.8	19.5	20.5
23	---	---	---	13.8	11.5	12.4	15.9	14.9	15.3	22.3	19.4	20.8
24	---	---	---	15.7	13.8	14.6	16.6	15.8	16.1	22.6	19.8	21.2
25	---	---	---	16.7	15.2	15.8	17.7	16.6	17.1	22.9	19.9	21.4
26	---	---	---	16.2	14.8	15.6	18.2	17.6	18.0	23.6	20.5	22.2
27	---	---	---	17.4	15.7	16.4	18.8	18.2	18.5	24.3	21.4	22.9
28	---	---	---	18.0	16.8	17.3	19.1	18.7	18.9	24.5	22.1	23.4
29	---	---	---	17.5	15.9	16.6	19.0	18.7	18.9	25.0	22.5	23.7
30	---	---	---	16.3	14.1	15.3	18.9	18.4	18.7	24.8	22.8	23.8
31	---	---	---	17.1	14.0	15.5	---	---	---	25.8	22.7	24.3
Month	---	---	---	---	---	---	19.1	11.1	14.9	---	---	---

0208102845 CONIOTT CREEK NEAR MOUTH NEAR QUITNSA, 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	25.9	23.6	24.7	---	---	---	28.2	26.1	27.0	27.7	26.0	26.9
2	25.2	23.5	24.3	---	---	---	27.9	26.0	27.1	27.3	24.9	26.1
3	---	---	---	---	---	---	27.8	26.6	27.2	27.4	24.7	26.3
4	---	---	---	---	---	---	28.4	26.9	27.4	27.4	25.3	26.5
5	---	---	---	---	---	---	28.8	27.1	27.7	27.6	25.5	26.8
6	---	---	---	---	---	---	29.1	27.6	28.2	27.6	25.1	26.4
7	---	---	---	---	---	---	29.7	27.7	28.7	27.8	25.3	26.9
8	---	---	---	---	---	---	30.4	28.6	29.5	27.6	25.2	26.7
9	---	---	---	---	---	---	30.5	29.2	29.9	27.4	25.2	26.2
10	---	---	---	---	---	---	30.2	29.3	29.8	27.4	25.6	26.6
11	---	---	---	---	---	---	29.3	27.4	28.5	27.5	25.4	26.6
12	---	---	---	---	---	---	27.4	25.8	26.3	27.5	26.2	27.1
13	---	---	---	---	---	---	28.4	25.5	26.4	27.3	25.0	26.4
14	24.4	22.8	23.5	---	---	---	28.6	26.5	27.5	27.0	25.1	26.3
15	23.5	20.7	22.4	---	---	---	29.2	26.4	28.1	27.3	24.7	26.0
16	24.7	21.9	23.2	---	---	---	29.6	27.8	28.6	25.9	22.9	24.6
17	24.9	22.9	23.9	---	---	---	29.4	27.8	28.7	25.1	21.4	23.6
18	25.7	23.1	24.5	---	---	---	29.1	27.7	28.4	---	---	---
19	27.1	24.4	25.7	30.0	26.5	28.3	28.7	26.2	27.6	---	---	---
20	26.6	26.1	26.4	29.5	27.1	28.3	29.8	27.4	28.4	21.4	20.9	21.1
21	26.1	25.5	25.7	28.7	25.3	26.9	29.7	27.5	28.6	22.6	21.4	21.9
22	25.5	24.1	24.6	---	---	---	29.3	27.0	28.3	23.1	22.4	22.7
23	24.9	23.8	24.4	---	---	---	29.5	27.6	28.5	23.8	22.8	23.2
24	26.1	23.8	25.0	---	---	---	29.9	27.4	28.9	23.8	22.1	22.9
25	26.2	24.8	25.4	---	---	---	29.7	29.2	29.5	23.2	21.3	21.9
26	26.8	25.0	25.8	28.4	25.5	27.2	29.4	28.0	28.6	22.6	21.9	22.2
27	---	---	---	28.0	26.7	27.4	28.0	26.6	27.2	24.1	22.6	23.1
28	---	---	---	28.0	26.3	27.1	28.9	26.4	27.8	24.4	23.7	23.9
29	---	---	---	27.7	26.6	27.1	28.5	26.5	27.5	23.9	21.2	21.8
30	---	---	---	27.4	26.5	26.9	28.3	26.0	27.4	21.2	18.7	20.0
31	---	---	---	27.9	25.8	27.0	27.8	26.0	26.9	---	---	---
Month	---	---	---	---	---	---	30.5	25.5	28.1	---	---	---

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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	21.1	18.9	20.0	16.1	15.8	16.0	---	---	---	---	---	---
2	22.0	20.4	21.1	16.8	15.6	16.3	---	---	---	---	---	---
3	22.3	21.4	21.8	15.6	13.4	14.2	---	---	---	---	---	---
4	23.2	22.3	22.7	13.4	12.5	13.0	---	---	---	---	---	---
5	23.8	22.8	23.2	13.5	13.1	13.3	---	---	---	---	---	---
6	23.8	23.4	23.6	13.3	12.9	13.2	---	---	---	---	---	---
7	23.8	23.0	23.4	---	---	---	---	---	---	---	---	---
8	23.9	23.1	23.5	---	---	---	---	---	---	---	---	---
9	24.2	23.4	23.8	---	---	---	---	---	---	---	---	---
10	24.2	23.7	23.9	---	---	---	---	---	---	---	---	---
11	24.1	21.2	23.0	---	---	---	---	---	---	---	---	---
12	21.2	18.3	19.1	---	---	---	---	---	---	---	---	---
13	19.1	18.3	18.6	---	---	---	---	---	---	---	---	---
14	18.5	17.5	17.9	---	---	---	---	---	---	---	---	---
15	18.3	17.1	17.5	---	---	---	---	---	---	---	---	---
16	18.0	17.2	17.5	---	---	---	---	---	---	---	---	---
17	18.4	17.8	18.0	---	---	---	---	---	---	---	---	---
18	19.9	18.4	19.1	---	---	---	---	---	---	---	---	---
19	21.1	19.8	20.3	---	---	---	---	---	---	---	---	---
20	21.4	20.0	21.1	---	---	---	---	---	---	---	---	---
21	20.0	17.7	18.7	---	---	---	---	---	---	---	---	---
22	19.5	18.8	19.2	---	---	---	---	---	---	---	---	---
23	20.7	19.3	19.9	---	---	---	---	---	---	---	---	---
24	21.9	20.7	21.2	---	---	---	---	---	---	---	---	---
25	22.1	21.7	21.8	---	---	---	---	---	---	---	---	---
26	22.0	21.7	21.8	---	---	---	---	---	---	---	---	---
27	21.8	21.2	21.7	---	---	---	---	---	---	---	---	---
28	21.2	18.2	19.9	---	---	---	---	---	---	---	---	---
29	18.2	15.8	16.6	---	---	---	---	---	---	---	---	---
30	15.8	14.3	14.7	---	---	---	---	---	---	---	---	---
31	15.8	14.8	15.3	---	---	---	---	---	---	---	---	---
Month	24.2	14.3	20.3	---	---	---	---	---	---	---	---	---

0208102845 CONIOTT CREEK NEAR MOUTH NEAR QUITNSA, 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	---	---	---	---	---	---	---	---	---	---	---	---

0208102845 CONIOTT CREEK NEAR MOUTH NEAR QUITNSA, 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	---	---	---	---	---	---	---	---	---	---	---	---

0208102845 CONIOTT CREEK NEAR MOUTH NEAR QUITNSA, 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	---	---	---	---	---	---	---	---	---	---	---	---
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	---	---	---	---	---	---	---	---	---	---	---	---

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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	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	1.7	1.5	1.6
13	---	---	---	---	---	---	---	---	---	1.8	1.4	1.5
14	---	---	---	---	---	---	---	---	---	2.2	1.7	1.9
15	---	---	---	---	---	---	---	---	---	2.4	1.9	2.1
16	---	---	---	---	---	---	---	---	---	2.3	1.9	2.1
17	---	---	---	---	---	---	---	---	---	2.3	1.8	2.0
18	---	---	---	---	---	---	---	---	---	2.5	2.1	2.3
19	---	---	---	---	---	---	---	---	---	3.6	2.4	2.8
20	---	---	---	---	---	---	---	---	---	4.1	2.7	3.2
21	---	---	---	---	---	---	---	---	---	4.2	2.2	3.0
22	---	---	---	---	---	---	---	---	---	5.7	2.0	3.4
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

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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	---	---	---	---	---	---	6.4	4.2	5.4	---	---	---
2	---	---	---	---	---	---	6.5	4.3	5.5	---	---	---
3	---	---	---	---	---	---	6.2	3.4	5.2	---	---	---
4	---	---	---	---	---	---	5.6	3.1	4.2	---	---	---
5	---	---	---	---	---	---	5.2	2.8	3.8	---	---	---
6	---	---	---	---	---	---	5.5	2.8	3.7	6.9	4.9	5.8
7	---	---	---	---	---	---	5.2	2.5	3.5	7.3	4.8	6.2
8	---	---	---	---	---	---	4.8	2.2	3.1	7.2	4.6	5.9
9	---	---	---	---	---	---	6.0	2.0	3.0	6.7	4.5	5.4
10	---	---	---	---	---	---	---	---	---	6.6	3.8	5.4
11	---	---	---	---	---	---	---	---	---	6.6	3.8	5.7
12	---	---	---	---	---	---	---	---	---	6.6	4.5	5.7
13	---	---	---	---	---	---	---	---	---	6.6	3.4	5.2
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	6.9	4.0	5.6	---	---	---
17	---	---	---	---	---	---	6.3	4.2	5.3	---	---	---
18	---	---	---	---	---	---	5.6	3.2	4.5	---	---	---
19	---	---	---	---	---	---	7.0	3.1	4.9	---	---	---
20	---	---	---	---	---	---	7.5	4.0	5.9	5.4	4.1	4.9
21	---	---	---	---	---	---	7.4	3.2	5.5	6.0	3.8	4.7
22	---	---	---	---	---	---	6.3	2.1	4.3	5.8	4.5	5.2
23	---	---	---	---	---	---	7.7	3.4	5.2	5.7	4.2	4.9
24	---	---	---	---	---	---	7.1	3.1	4.9	5.7	3.7	4.5
25	---	---	---	---	---	---	---	---	---	5.8	3.3	4.8
26	---	---	---	8.3	6.6	7.4	---	---	---	6.2	3.1	4.9
27	---	---	---	7.6	6.0	6.6	---	---	---	5.9	3.9	5.0
28	---	---	---	7.1	5.0	6.0	---	---	---	6.4	4.5	5.1
29	---	---	---	6.4	4.5	5.5	---	---	---	6.5	4.4	5.2
30	---	---	---	6.5	4.2	5.0	---	---	---	7.2	4.7	5.8
31	---	---	---	7.8	4.3	6.0	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

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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	8.2	5.8	6.9	7.2	4.3	5.6	---	---	---	---	---	---
2	8.2	6.0	7.1	8.1	4.1	6.1	---	---	---	---	---	---
3	7.3	5.6	6.4	6.8	3.2	4.2	---	---	---	---	---	---
4	6.3	4.8	5.7	7.7	3.9	5.7	---	---	---	---	---	---
5	6.4	5.1	5.8	7.4	4.3	5.9	---	---	---	---	---	---
6	6.0	3.6	5.0	7.6	6.1	6.7	---	---	---	---	---	---
7	5.4	2.4	3.8	---	---	---	---	---	---	---	---	---
8	4.6	2.4	3.9	---	---	---	---	---	---	---	---	---
9	4.8	2.5	3.9	---	---	---	---	---	---	---	---	---
10	5.3	3.1	4.2	---	---	---	---	---	---	---	---	---
11	6.3	3.8	5.0	---	---	---	---	---	---	---	---	---
12	6.0	2.7	4.3	---	---	---	---	---	---	---	---	---
13	6.2	2.5	4.6	---	---	---	---	---	---	---	---	---
14	6.6	4.6	6.0	---	---	---	---	---	---	---	---	---
15	6.6	5.2	5.9	---	---	---	---	---	---	---	---	---
16	6.8	5.1	6.2	---	---	---	---	---	---	---	---	---
17	6.8	5.3	6.2	---	---	---	---	---	---	---	---	---
18	6.9	4.9	5.9	---	---	---	---	---	---	---	---	---
19	5.6	3.6	4.5	---	---	---	---	---	---	---	---	---
20	5.4	2.4	4.1	---	---	---	---	---	---	---	---	---
21	5.2	1.5	3.0	---	---	---	---	---	---	---	---	---
22	5.6	1.3	3.9	---	---	---	---	---	---	---	---	---
23	6.1	3.2	4.6	---	---	---	---	---	---	---	---	---
24	4.8	2.7	3.9	---	---	---	---	---	---	---	---	---
25	8.0	3.8	5.9	---	---	---	---	---	---	---	---	---
26	7.3	2.3	4.4	---	---	---	---	---	---	---	---	---
27	4.5	2.0	3.2	---	---	---	---	---	---	---	---	---
28	5.4	1.2	2.7	---	---	---	---	---	---	---	---	---
29	4.8	1.1	2.3	---	---	---	---	---	---	---	---	---
30	5.9	2.7	4.0	---	---	---	---	---	---	---	---	---
31	6.1	2.6	4.3	---	---	---	---	---	---	---	---	---
Month	8.2	1.1	4.8	---	---	---	---	---	---	---	---	---

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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	---	---	---	---	---	---	---	---	---	---	---	---

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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	---	---	---	---	---	---	---	---	---	---	---	---

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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	---	---	---	---	---	---	---	---	---	---	---	---
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	---	---	---	---	---	---	---	---	---	---	---	---

0208102845 CONIOTT CREEK NEAR MOUTH NEAR QUITNSA, 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	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	20	17	18
13	---	---	---	---	---	---	---	---	---	19	15	17
14	---	---	---	---	---	---	---	---	---	24	18	20
15	---	---	---	---	---	---	---	---	---	26	20	23
16	---	---	---	---	---	---	---	---	---	25	20	23
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	26	22	24
19	---	---	---	---	---	---	---	---	---	38	25	29
20	---	---	---	---	---	---	---	---	---	44	28	34
21	---	---	---	---	---	---	---	---	---	46	24	33
22	---	---	---	---	---	---	---	---	---	65	22	38
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

0208102845 CONIOTT CREEK NEAR MOUTH NEAR QUITNSA, 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	---	---	---	---	---	---	82	53	68	---	---	---
2	---	---	---	---	---	---	83	53	70	---	---	---
3	---	---	---	---	---	---	79	43	66	---	---	---
4	---	---	---	---	---	---	71	39	54	---	---	---
5	---	---	---	---	---	---	68	36	48	---	---	---
6	---	---	---	---	---	---	71	36	47	88	60	73
7	---	---	---	---	---	---	68	32	45	93	59	78
8	---	---	---	---	---	---	64	29	40	92	57	74
9	---	---	---	---	---	---	80	27	40	84	55	67
10	---	---	---	---	---	---	---	---	---	84	47	68
11	---	---	---	---	---	---	---	---	---	84	46	71
12	---	---	---	---	---	---	---	---	---	84	56	72
13	---	---	---	---	---	---	---	---	---	83	42	65
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	91	51	73	---	---	---
17	---	---	---	---	---	---	83	54	69	---	---	---
18	---	---	---	---	---	---	73	41	58	---	---	---
19	---	---	---	---	---	---	90	39	63	---	---	---
20	---	---	---	---	---	---	99	51	77	61	47	55
21	---	---	---	---	---	---	98	41	71	70	43	54
22	---	---	---	---	---	---	82	27	55	68	53	60
23	---	---	---	---	---	---	101	44	67	68	49	58
24	---	---	---	---	---	---	94	41	65	68	43	52
25	---	---	---	---	---	---	---	---	---	68	38	55
26	---	---	---	106	81	94	---	---	---	72	36	57
27	---	---	---	96	76	84	---	---	---	69	46	58
28	---	---	---	91	64	76	---	---	---	76	53	61
29	---	---	---	82	57	70	---	---	---	77	50	60
30	---	---	---	82	53	62	---	---	---	81	51	64
31	---	---	---	99	54	76	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

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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	92	63	77	73	44	57	---	---	---	---	---	---
2	93	67	80	83	42	63	---	---	---	---	---	---
3	83	65	73	68	31	41	---	---	---	---	---	---
4	74	56	66	73	37	55	---	---	---	---	---	---
5	76	59	68	71	41	57	---	---	---	---	---	---
6	71	43	59	73	58	64	---	---	---	---	---	---
7	63	28	45	---	---	---	---	---	---	---	---	---
8	54	28	46	---	---	---	---	---	---	---	---	---
9	57	30	46	---	---	---	---	---	---	---	---	---
10	63	37	50	---	---	---	---	---	---	---	---	---
11	74	45	59	---	---	---	---	---	---	---	---	---
12	65	29	47	---	---	---	---	---	---	---	---	---
13	66	27	49	---	---	---	---	---	---	---	---	---
14	70	49	63	---	---	---	---	---	---	---	---	---
15	70	55	62	---	---	---	---	---	---	---	---	---
16	71	54	65	---	---	---	---	---	---	---	---	---
17	72	56	66	---	---	---	---	---	---	---	---	---
18	76	53	64	---	---	---	---	---	---	---	---	---
19	63	40	50	---	---	---	---	---	---	---	---	---
20	61	27	46	---	---	---	---	---	---	---	---	---
21	56	16	33	---	---	---	---	---	---	---	---	---
22	61	14	42	---	---	---	---	---	---	---	---	---
23	68	35	50	---	---	---	---	---	---	---	---	---
24	55	30	44	---	---	---	---	---	---	---	---	---
25	92	43	68	---	---	---	---	---	---	---	---	---
26	84	26	50	---	---	---	---	---	---	---	---	---
27	51	23	36	---	---	---	---	---	---	---	---	---
28	60	13	29	---	---	---	---	---	---	---	---	---
29	49	11	24	---	---	---	---	---	---	---	---	---
30	59	26	39	---	---	---	---	---	---	---	---	---
31	61	26	43	---	---	---	---	---	---	---	---	---
Month	93	11	53	---	---	---	---	---	---	---	---	---

0208102845 CONIOTT CREEK NEAR MOUTH NEAR QUITNSA, 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	---	---	---	---	---	---	---	---	---	---	---	---

0208102845 CONIOTT CREEK NEAR MOUTH NEAR QUITNSA, 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	---	---	---	---	---	---	---	---	---	---	---	---