

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC

Albemarle-Chowan Basin
Albemarle Subbasin

LOCATION.--Lat 35°56'49", long 76°41'01" referenced to North American Datum of 1983, Washington County, NC, Hydrologic Unit 03010205, at U.S. Coast Guard Channel Light 3.

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

SALINITY (TOP and BOTTOM): July to November 2006, March to November 2007.

SPECIFIC CONDUCTANCE (TOP and BOTTOM): July to November 2006, March to November 2007.

pH (TOP and BOTTOM): July to November 2006, March to November 2007.

WATER TEMPERATURE (TOP and BOTTOM): July to November 2006, March to November 2007.

DISSOLVED OXYGEN (TOP and BOTTOM): July to November 2006, March to November 2007.

DISSOLVED OXYGEN, PERCENT SATURATION (TOP and BOTTOM): July to November 2006, March to November 2007.

INSTRUMENTATION.--Water-quality monitor with satellite telemetry from July to November 2006, March to November 2007.

REMARKS.--Station operated in cooperation with the U.S. Army Corps of Engineers. Salinity is computed from specific conductance using the conversion from U.S. Geological Survey Water-Supply Paper 2311. Dissolved oxygen, percent saturation, is computed using a barometric pressure of 760 mm of Hg.

EXTREMES FOR PERIOD OF RECORD.--

SALINITY (TOP): Maximum recorded, 5.2 ppt, October 24, 2007; minimum recorded, 0.04 ppt, on many days during the period.

SALINITY (BOTTOM): Maximum recorded, 5.7 ppt, October 24, 2007; minimum recorded, 0.04 ppt, on many days during the period.

SPECIFIC CONDUCTANCE (TOP): Maximum recorded, 9,310 microsiemens, October 24, 2007; minimum recorded, 89 microsiemens, September 7, 2006.

SPECIFIC CONDUCTANCE (BOTTOM): Maximum recorded, 10,100 microsiemens, October 24, 2007; minimum recorded, 91 microsiemens, September 9, 2006.

pH (TOP): Maximum recorded, 8.8 standard units, on several days during the period; minimum recorded, 6.5 standard units, September 7, 8, 9, 10, 2006.

pH (BOTTOM): Maximum recorded, 8.9 standard units, September 23, 24, 2007; minimum recorded, 6.3 standard units, September 9, 2006.

WATER TEMPERATURE (TOP): Maximum recorded, 34.1°C, August 1, 2006; minimum recorded, 10.6°C, March 22, 2007.

WATER TEMPERATURE (BOTTOM): Maximum recorded, 34.1°C, August 8, 2006; minimum recorded, 10.4°C, March 22, 2007.

DISSOLVED OXYGEN (TOP): Maximum recorded, 11.6 mg/L, May 26, 2007; minimum recorded, 1.6 mg/L, September 9, 2006.

DISSOLVED OXYGEN (BOTTOM): Maximum recorded, 10.9 mg/L, March 21, 2007; minimum recorded, 0.1 mg/L, October 23, 24, 25, 2007.

DISSOLVED OXYGEN, PERCENT SATURATION (TOP): Maximum recorded, 144%, June 11, 2007; minimum recorded, 19%, September 9, 2006.

DISSOLVED OXYGEN, PERCENT SATURATION (BOTTOM): Maximum recorded, 132%, September 3, 2007; minimum recorded, 1%, October 23, 24, 25, 2007.

EXTREMES FOR CURRENT PERIOD.--

SALINITY (TOP): Maximum recorded, 5.2 ppt, October 24, 2007; minimum recorded, 0.04 ppt, on many days during the period.

SALINITY (BOTTOM): Maximum recorded, 5.7 ppt, October 24, 2007; minimum recorded, 0.04, on many days during the period.

SPECIFIC CONDUCTANCE (TOP): Maximum recorded, 9,310 microsiemens, October 24, 2007; minimum recorded, 91 microsiemens, April 16, 2007.

SPECIFIC CONDUCTANCE (BOTTOM): Maximum recorded, 10,100 microsiemens, October 24, 2007; minimum recorded, 95 microsiemens, April 16, 2007.

pH (TOP): Maximum recorded, 8.8 standard units, May 26, 2007, June 17, 18, 2007, September 23, 24, 2007; minimum recorded, 6.7 standard units, April 28, 29, 30, 2007, May 1, 2007.

pH (BOTTOM): Maximum recorded, 8.9 standard units, September 23, 24, 2007; minimum recorded, 6.7 standard units, on several days during the period.

WATER TEMPERATURE (TOP): Maximum recorded, 31.4°C, August 8, 2007; minimum recorded 10.6°C, March 22, 2007.

WATER TEMPERATURE (BOTTOM): Maximum recorded, 30.4°C, August 10, 2007; minimum recorded, 10.4°C, March 22, 2007.

DISSOLVED OXYGEN(TOP): Maximum recorded, 11.6 mg/L, May 26, 2007; minimum recorded, 2.1 mg/L, October 24, 2007.

DISSOLVED OXYGEN (BOTTOM): Maximum recorded, 10.9 mg/L, March 21, 2007; minimum recorded, 0.1 mg/L, October 23, 24, 25, 2007.

DISSOLVED OXYGEN, PERCENT SATURATION (TOP): Maximum recorded, 144%, June 11, 2007; minimum recorded, 25%, October 24, 2007.

DISSOLVED OXYGEN, PERCENT SATURATION (BOTTOM): Maximum recorded, 132%, September 3, 2007; minimum recorded, 1%, October 23, 24, 25, 2007.

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

[Remark codes: <, less than.]

Date	Time	Sample type	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 18...	1130	Environmental	8.6	7.5	135	19.8	<2.0
Nov 06...	1140	Environmental	9.8	6.9	134	13.8	.4
May 01...	1215	Environmental	6.7	6.7	111	20.1	<1.0
31...	1015	Environmental	7.0	7.2	140	24.5	<1.0
Jun 26...	1530	Environmental	5.7	7.1	677	26.4	<1.0
Jul 17...	1300	Environmental	7.2	7.3	2,720	28.7	1.3
Aug 01...	0930	Environmental	6.9	7.4	1,970	27.4	<1.0
16...	1015	Environmental	5.9	7.3	2,640	28.0	1.4
16...	1030	<i>Replicate</i>	5.9	7.3	2,640	28.0	<1.0
Sep 04...	1640	Environmental	9.5	8.0	367	27.3	1.0
18...	1245	Environmental	8.7	7.7	641	22.1	<1.0

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

[Remark codes: <, less than.]

Date	Time	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 02...	1200	8.2	7.6	2,100	22.8	<1.0
Nov 05...	1315	9.5	7.3	2,430	16.5	<1.0

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SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, TOP
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	0.07	0.06	0.07	0.06	0.05	0.06	---	---	---	---	---	---
2	0.07	0.07	0.07	0.06	0.05	0.06	---	---	---	---	---	---
3	0.07	0.07	0.07	0.07	0.05	0.06	---	---	---	---	---	---
4	0.07	0.07	0.07	0.07	0.05	0.06	---	---	---	---	---	---
5	0.1	0.07	0.1	0.06	0.05	0.05	---	---	---	---	---	---
6	0.1	0.06	0.08	---	---	---	---	---	---	---	---	---
7	0.07	0.06	0.06	---	---	---	---	---	---	---	---	---
8	0.07	0.06	0.06	---	---	---	---	---	---	---	---	---
9	0.07	0.06	0.06	---	---	---	---	---	---	---	---	---
10	0.07	0.06	0.06	---	---	---	---	---	---	---	---	---
11	0.06	0.06	0.06	---	---	---	---	---	---	---	---	---
12	0.06	0.06	0.06	---	---	---	---	---	---	---	---	---
13	0.06	0.05	0.06	---	---	---	---	---	---	---	---	---
14	0.06	0.05	0.06	---	---	---	---	---	---	---	---	---
15	0.06	0.05	0.06	---	---	---	---	---	---	---	---	---
16	0.06	0.06	0.06	---	---	---	---	---	---	---	---	---
17	0.06	0.05	0.06	---	---	---	---	---	---	---	---	---
18	0.06	0.05	0.05	---	---	---	---	---	---	---	---	---
19	0.05	0.05	0.05	---	---	---	---	---	---	---	---	---
20	0.06	0.05	0.05	---	---	---	---	---	---	---	---	---
21	0.06	0.05	0.05	---	---	---	---	---	---	---	---	---
22	0.06	0.05	0.05	---	---	---	---	---	---	---	---	---
23	0.05	0.05	0.05	---	---	---	---	---	---	---	---	---
24	0.06	0.05	0.05	---	---	---	---	---	---	---	---	---
25	0.06	0.05	0.05	---	---	---	---	---	---	---	---	---
26	0.05	0.05	0.05	---	---	---	---	---	---	---	---	---
27	0.05	0.05	0.05	---	---	---	---	---	---	---	---	---
28	0.05	0.05	0.05	---	---	---	---	---	---	---	---	---
29	0.05	0.05	0.05	---	---	---	---	---	---	---	---	---
30	0.05	0.05	0.05	---	---	---	---	---	---	---	---	---
31	0.05	0.05	0.05	---	---	---	---	---	---	---	---	---
Month	0.1	0.05	0.06	---	---	---	---	---	---	---	---	---

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**SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, TOP
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	---	---	---	---	---	---	0.05	0.05	0.05	0.05	0.04	0.04
2	---	---	---	---	---	---	0.05	0.05	0.05	0.05	0.04	0.05
3	---	---	---	---	---	---	0.05	0.05	0.05	0.05	0.05	0.05
4	---	---	---	---	---	---	0.05	0.05	0.05	0.05	0.05	0.05
5	---	---	---	---	---	---	0.05	0.04	0.05	0.05	0.05	0.05
6	---	---	---	---	---	---	0.05	0.04	0.05	0.05	0.04	0.04
7	---	---	---	---	---	---	0.05	0.05	0.05	0.05	0.04	0.04
8	---	---	---	---	---	---	0.05	0.04	0.05	0.05	0.04	0.05
9	---	---	---	---	---	---	0.05	0.04	0.05	0.05	0.05	0.05
10	---	---	---	---	---	---	0.05	0.05	0.05	0.06	0.05	0.05
11	---	---	---	---	---	---	0.05	0.04	0.05	0.05	0.05	0.05
12	---	---	---	---	---	---	0.05	0.05	0.05	0.05	0.05	0.05
13	---	---	---	---	---	---	0.05	0.04	0.04	0.05	0.05	0.05
14	---	---	---	---	---	---	0.05	0.04	0.05	0.05	0.05	0.05
15	---	---	---	---	---	---	0.05	0.05	0.05	0.06	0.05	0.05
16	---	---	---	---	---	---	0.05	0.04	0.04	0.09	0.06	0.08
17	---	---	---	---	---	---	0.05	0.04	0.04	0.08	0.05	0.07
18	---	---	---	---	---	---	0.04	0.04	0.04	0.07	0.05	0.05
19	---	---	---	---	---	---	0.05	0.04	0.04	0.06	0.05	0.05
20	---	---	---	---	---	---	0.05	0.04	0.04	0.06	0.05	0.05
21	---	---	---	0.06	0.05	0.05	0.04	0.04	0.04	0.06	0.05	0.06
22	---	---	---	0.05	0.04	0.04	0.05	0.04	0.04	0.06	0.06	0.06
23	---	---	---	0.04	0.04	0.04	0.05	0.04	0.04	0.06	0.05	0.06
24	---	---	---	0.04	0.04	0.04	0.05	0.04	0.04	0.06	0.05	0.05
25	---	---	---	0.05	0.04	0.04	0.05	0.04	0.04	0.05	0.05	0.05
26	---	---	---	0.05	0.04	0.05	0.05	0.04	0.04	0.1	0.05	0.07
27	---	---	---	0.05	0.04	0.05	0.05	0.04	0.04	0.1	0.07	0.1
28	---	---	---	0.05	0.04	0.05	0.05	0.04	0.05	0.1	0.07	0.08
29	---	---	---	0.05	0.04	0.05	0.04	0.04	0.04	0.08	0.06	0.07
30	---	---	---	0.05	0.05	0.05	0.04	0.04	0.04	0.07	0.06	0.07
31	---	---	---	0.05	0.05	0.05	---	---	---	---	---	---
Month	---	---	---	---	---	---	0.05	0.04	0.04	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

**SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, TOP
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	---	---	---	0.5	0.2	0.4	---	---	---	0.2	0.08	0.1
2	---	---	---	0.4	0.2	0.3	0.5	0.2	0.4	0.6	0.1	0.3
3	---	---	---	0.2	0.08	0.1	---	---	---	0.6	0.3	0.4
4	---	---	---	0.7	0.1	0.3	---	---	---	0.4	0.09	0.2
5	---	---	---	0.9	0.7	0.8	---	---	---	0.2	0.08	0.1
6	---	---	---	1.0	0.6	0.9	---	---	---	0.2	0.09	0.1
7	0.10	0.06	0.07	0.9	0.2	0.5	---	---	---	0.09	0.07	0.08
8	0.1	0.09	0.10	1.0	0.2	0.7	---	---	---	0.2	0.07	0.08
9	0.1	0.07	0.10	1.2	0.8	1.1	---	---	---	0.09	0.06	0.08
10	0.08	0.07	0.08	1.2	0.6	1.1	---	---	---	0.3	0.06	0.1
11	0.08	0.07	0.07	1.6	1.1	1.4	---	---	---	1.2	0.3	0.8
12	0.08	0.07	0.07	1.7	0.4	1.1	---	---	---	1.3	0.8	1.2
13	0.1	0.07	0.08	0.7	0.3	0.5	---	---	---	0.9	0.4	0.7
14	0.1	0.06	0.1	0.7	0.3	0.5	---	---	---	0.7	0.3	0.4
15	0.1	0.07	0.08	1.1	0.5	0.7	---	---	---	1.1	0.7	0.9
16	0.10	0.06	0.07	1.9	1.1	1.4	---	---	---	1.0	0.6	0.7
17	0.1	0.07	0.08	2.4	0.9	1.5	1.6	1.4	1.5	0.7	0.3	0.5
18	0.2	0.07	0.1	1.8	1.2	1.5	1.6	0.5	1.4	1.0	0.3	0.5
19	0.5	0.1	0.3	1.7	1.0	1.4	1.2	0.2	0.6	1.2	0.3	0.7
20	0.5	0.2	0.4	1.9	1.6	1.8	1.4	1.0	1.2	1.1	0.2	0.6
21	0.2	0.06	0.1	2.0	1.7	1.8	1.5	0.6	1.3	1.1	0.4	0.7
22	0.1	0.07	0.10	1.7	1.2	1.4	1.1	0.5	0.7	0.6	0.3	0.4
23	0.09	0.06	0.06	1.3	0.7	1.1	0.7	0.4	0.5	0.6	0.3	0.4
24	0.07	0.06	0.06	1.0	0.5	0.7	0.6	0.2	0.3	1.0	0.6	0.8
25	0.06	0.06	0.06	0.8	0.5	0.7	1.1	0.5	0.7	0.8	0.5	0.6
26	0.3	0.06	0.1	0.7	0.4	0.5	1.4	0.8	1.1	0.7	0.4	0.6
27	0.7	0.3	0.5	0.8	0.4	0.6	1.0	0.2	0.5	1.1	0.4	0.7
28	0.7	0.6	0.6	1.3	0.6	1.1	0.4	0.3	0.4	0.9	0.6	0.7
29	0.9	0.7	0.7	1.5	0.8	1.2	0.4	0.3	0.4	0.8	0.6	0.7
30	1.0	0.4	0.8	1.5	0.6	0.9	0.4	0.2	0.3	1.0	0.5	0.7
31	---	---	---	0.9	0.5	0.6	0.2	0.08	0.1	---	---	---
Month	---	---	---	2.4	0.08	0.9	---	---	---	1.3	0.06	0.5

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

**SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, TOP
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	1.4	0.7	1.1	2.2	0.3	1.2	---	---	---	---	---	---
2	1.4	1.0	1.2	2.6	0.9	2.0	---	---	---	---	---	---
3	1.3	0.7	0.9	2.3	0.3	0.9	---	---	---	---	---	---
4	0.7	0.4	0.5	1.8	0.4	1.1	---	---	---	---	---	---
5	1.0	0.5	0.7	---	---	---	---	---	---	---	---	---
6	0.9	0.3	0.6	---	---	---	---	---	---	---	---	---
7	0.5	0.2	0.3	---	---	---	---	---	---	---	---	---
8	0.9	0.3	0.5	---	---	---	---	---	---	---	---	---
9	1.2	0.7	0.9	---	---	---	---	---	---	---	---	---
10	2.0	1.0	1.5	---	---	---	---	---	---	---	---	---
11	2.1	1.1	1.8	---	---	---	---	---	---	---	---	---
12	1.5	1.1	1.2	---	---	---	---	---	---	---	---	---
13	1.6	1.2	1.4	---	---	---	---	---	---	---	---	---
14	1.8	1.0	1.4	---	---	---	---	---	---	---	---	---
15	1.5	1.1	1.3	---	---	---	---	---	---	---	---	---
16	1.4	1.0	1.2	---	---	---	---	---	---	---	---	---
17	1.5	1.0	1.2	---	---	---	---	---	---	---	---	---
18	2.4	1.2	1.9	---	---	---	---	---	---	---	---	---
19	3.1	1.8	2.6	---	---	---	---	---	---	---	---	---
20	3.2	1.3	2.2	---	---	---	---	---	---	---	---	---
21	2.8	1.1	1.8	---	---	---	---	---	---	---	---	---
22	3.0	2.0	2.6	---	---	---	---	---	---	---	---	---
23	4.2	2.5	2.9	---	---	---	---	---	---	---	---	---
24	5.2	2.5	3.7	---	---	---	---	---	---	---	---	---
25	3.1	2.2	2.8	---	---	---	---	---	---	---	---	---
26	2.9	2.2	2.8	---	---	---	---	---	---	---	---	---
27	2.9	1.5	2.5	---	---	---	---	---	---	---	---	---
28	3.0	1.2	2.6	---	---	---	---	---	---	---	---	---
29	3.2	1.7	2.5	---	---	---	---	---	---	---	---	---
30	2.0	0.8	1.6	---	---	---	---	---	---	---	---	---
31	2.0	0.8	1.4	---	---	---	---	---	---	---	---	---
Month	5.2	0.2	1.7	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, TOP
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	---	---	---	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, TOP
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	---	---	---	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, BOTTOM
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	0.07	0.06	0.07	0.06	0.05	0.05	---	---	---	---	---	---
2	0.07	0.07	0.07	0.06	0.05	0.06	---	---	---	---	---	---
3	0.07	0.07	0.07	0.07	0.05	0.06	---	---	---	---	---	---
4	0.07	0.07	0.07	0.07	0.05	0.06	---	---	---	---	---	---
5	0.1	0.07	0.1	0.06	0.05	0.05	---	---	---	---	---	---
6	0.1	0.06	0.08	---	---	---	---	---	---	---	---	---
7	0.07	0.06	0.06	---	---	---	---	---	---	---	---	---
8	0.07	0.06	0.06	---	---	---	---	---	---	---	---	---
9	0.07	0.06	0.06	---	---	---	---	---	---	---	---	---
10	0.07	0.06	0.06	---	---	---	---	---	---	---	---	---
11	0.06	0.06	0.06	---	---	---	---	---	---	---	---	---
12	0.06	0.06	0.06	---	---	---	---	---	---	---	---	---
13	0.06	0.05	0.06	---	---	---	---	---	---	---	---	---
14	0.06	0.05	0.06	---	---	---	---	---	---	---	---	---
15	0.06	0.05	0.06	---	---	---	---	---	---	---	---	---
16	0.06	0.06	0.06	---	---	---	---	---	---	---	---	---
17	0.06	0.05	0.06	---	---	---	---	---	---	---	---	---
18	0.06	0.05	0.05	---	---	---	---	---	---	---	---	---
19	0.05	0.05	0.05	---	---	---	---	---	---	---	---	---
20	0.05	0.05	0.05	---	---	---	---	---	---	---	---	---
21	0.06	0.05	0.05	---	---	---	---	---	---	---	---	---
22	0.06	0.05	0.05	---	---	---	---	---	---	---	---	---
23	0.05	0.05	0.05	---	---	---	---	---	---	---	---	---
24	0.06	0.05	0.05	---	---	---	---	---	---	---	---	---
25	0.06	0.05	0.05	---	---	---	---	---	---	---	---	---
26	0.05	0.05	0.05	---	---	---	---	---	---	---	---	---
27	0.05	0.05	0.05	---	---	---	---	---	---	---	---	---
28	0.05	0.05	0.05	---	---	---	---	---	---	---	---	---
29	0.05	0.05	0.05	---	---	---	---	---	---	---	---	---
30	0.05	0.05	0.05	---	---	---	---	---	---	---	---	---
31	0.05	0.05	0.05	---	---	---	---	---	---	---	---	---
Month	0.1	0.05	0.06	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, BOTTOM
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	---	---	---	---	---	---	0.05	0.05	0.05	0.05	0.04	0.05
2	---	---	---	---	---	---	0.05	0.05	0.05	0.05	0.04	0.05
3	---	---	---	---	---	---	0.05	0.05	0.05	0.05	0.04	0.05
4	---	---	---	---	---	---	0.05	0.05	0.05	0.05	0.05	0.05
5	---	---	---	---	---	---	0.05	0.04	0.05	0.05	0.05	0.05
6	---	---	---	---	---	---	0.05	0.04	0.05	0.05	0.04	0.04
7	---	---	---	---	---	---	0.05	0.05	0.05	0.05	0.04	0.04
8	---	---	---	---	---	---	0.05	0.05	0.05	0.05	0.04	0.05
9	---	---	---	---	---	---	0.05	0.05	0.05	0.05	0.05	0.05
10	---	---	---	---	---	---	0.05	0.05	0.05	0.06	0.05	0.05
11	---	---	---	---	---	---	0.05	0.05	0.05	0.06	0.05	0.05
12	---	---	---	---	---	---	0.05	0.05	0.05	0.06	0.05	0.05
13	---	---	---	---	---	---	0.05	0.05	0.05	0.05	0.05	0.05
14	---	---	---	---	---	---	0.05	0.05	0.05	0.05	0.05	0.05
15	---	---	---	---	---	---	0.05	0.05	0.05	0.06	0.05	0.05
16	---	---	---	---	---	---	0.05	0.04	0.04	0.10	0.06	0.08
17	---	---	---	---	---	---	0.05	0.04	0.04	0.08	0.06	0.07
18	---	---	---	---	---	---	0.05	0.04	0.05	0.07	0.05	0.05
19	---	---	---	---	---	---	0.05	0.05	0.05	0.06	0.05	0.06
20	---	---	---	---	---	---	0.05	0.05	0.05	0.06	0.05	0.05
21	---	---	---	0.06	0.05	0.05	0.05	0.05	0.05	0.06	0.05	0.06
22	---	---	---	0.05	0.04	0.04	0.05	0.05	0.05	0.06	0.06	0.06
23	---	---	---	0.05	0.04	0.04	0.05	0.05	0.05	0.06	0.05	0.06
24	---	---	---	0.05	0.04	0.04	0.05	0.05	0.05	0.06	0.05	0.05
25	---	---	---	0.05	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05
26	---	---	---	0.05	0.04	0.05	0.05	0.04	0.05	0.1	0.05	0.09
27	---	---	---	0.05	0.05	0.05	0.05	0.04	0.05	0.1	0.09	0.1
28	---	---	---	0.05	0.04	0.05	0.05	0.04	0.05	0.10	0.07	0.07
29	---	---	---	0.05	0.04	0.05	0.05	0.04	0.04	0.08	0.06	0.07
30	---	---	---	0.05	0.05	0.05	0.05	0.04	0.05	0.07	0.06	0.07
31	---	---	---	0.05	0.04	0.05	---	---	---	---	---	---
Month	---	---	---	---	---	---	0.05	0.04	0.05	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, BOTTOM
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	---	---	---	1.7	0.3	0.7	---	---	---	0.3	0.1	0.2
2	---	---	---	0.4	0.3	0.4	1.1	0.5	0.9	0.6	0.1	0.3
3	---	---	---	0.4	0.2	0.3	1.4	0.9	1.2	0.6	0.3	0.4
4	---	---	---	0.7	0.1	0.5	1.7	1.4	1.6	0.5	0.3	0.4
5	---	---	---	0.9	0.7	0.8	1.8	1.7	1.8	1.0	0.10	0.5
6	---	---	---	1.0	0.9	1.0	1.8	1.6	1.7	0.5	0.09	0.2
7	0.1	0.06	0.08	1.0	0.5	0.9	---	---	---	0.1	0.07	0.09
8	0.1	0.09	0.10	1.1	1.0	1.0	1.6	1.6	1.6	0.2	0.07	0.09
9	0.1	0.08	0.10	1.3	1.1	1.2	---	---	---	0.09	0.06	0.08
10	0.08	0.07	0.08	1.3	1.1	1.2	---	---	---	0.3	0.06	0.2
11	0.07	0.07	0.07	2.7	1.3	2.0	---	---	---	1.2	0.3	0.9
12	0.08	0.07	0.07	2.9	0.8	1.8	0.7	0.4	0.6	1.3	0.9	1.2
13	0.1	0.07	0.08	1.9	0.4	1.0	1.0	0.3	0.7	1.2	0.6	0.8
14	0.1	0.06	0.1	1.0	0.5	0.8	1.2	0.2	0.6	1.0	0.3	0.5
15	0.1	0.07	0.08	1.8	0.8	1.2	1.3	0.2	0.5	1.1	0.8	1.0
16	0.07	0.06	0.07	2.9	1.7	2.4	1.5	1.2	1.4	1.0	0.6	0.8
17	0.10	0.07	0.08	3.1	1.7	2.7	1.6	1.4	1.5	0.7	0.4	0.5
18	0.4	0.08	0.3	3.4	2.4	3.0	1.5	1.0	1.4	1.0	0.3	0.6
19	0.5	0.3	0.4	3.4	2.8	3.3	1.3	0.4	1.0	1.3	0.3	0.8
20	0.5	0.3	0.4	3.4	1.7	2.5	1.4	1.2	1.3	1.3	0.2	0.9
21	0.5	0.07	0.2	2.0	1.7	1.9	1.5	0.6	1.3	1.2	0.8	1.1
22	0.2	0.07	0.1	1.8	1.2	1.4	1.3	0.6	0.8	1.1	1.1	1.1
23	0.09	0.06	0.07	1.4	0.8	1.1	0.7	0.4	0.5	1.3	0.5	1.0
24	0.08	0.06	0.07	1.6	1.0	1.4	0.7	0.4	0.6	1.1	0.7	0.9
25	0.06	0.06	0.06	1.4	0.6	1.1	1.1	0.6	0.9	0.9	0.6	0.7
26	0.4	0.06	0.2	1.0	0.5	0.9	1.4	1.1	1.3	1.1	0.6	0.8
27	0.7	0.3	0.5	1.4	0.9	1.2	1.4	0.4	0.8	1.3	0.8	1.2
28	0.7	0.6	0.6	1.5	1.4	1.4	0.5	0.3	0.4	1.6	0.6	1.1
29	1.4	0.7	0.9	1.6	1.4	1.5	0.4	0.3	0.4	0.9	0.6	0.8
30	1.7	0.9	1.4	1.6	0.7	1.5	0.4	0.2	0.3	1.1	0.6	0.8
31	---	---	---	1.1	0.5	0.8	0.3	0.1	0.2	---	---	---
Month	---	---	---	3.4	0.1	1.4	---	---	---	1.6	0.06	0.7

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, BOTTOM
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	1.5	0.7	1.2	2.6	2.1	2.4	---	---	---	---	---	---
2	1.5	1.0	1.2	2.4	1.1	1.9	---	---	---	---	---	---
3	1.3	0.7	1.0	2.2	0.3	1.1	---	---	---	---	---	---
4	0.9	0.4	0.6	2.7	1.7	2.4	---	---	---	---	---	---
5	1.3	0.6	0.8	---	---	---	---	---	---	---	---	---
6	1.4	0.4	0.7	---	---	---	---	---	---	---	---	---
7	2.1	0.6	1.8	---	---	---	---	---	---	---	---	---
8	2.1	1.7	2.0	---	---	---	---	---	---	---	---	---
9	2.4	1.9	2.2	---	---	---	---	---	---	---	---	---
10	2.5	1.7	2.2	---	---	---	---	---	---	---	---	---
11	2.5	1.1	2.0	---	---	---	---	---	---	---	---	---
12	1.8	1.1	1.4	---	---	---	---	---	---	---	---	---
13	1.9	1.3	1.6	---	---	---	---	---	---	---	---	---
14	1.9	1.4	1.6	---	---	---	---	---	---	---	---	---
15	1.6	1.3	1.5	---	---	---	---	---	---	---	---	---
16	1.5	1.3	1.4	---	---	---	---	---	---	---	---	---
17	2.2	1.3	1.7	---	---	---	---	---	---	---	---	---
18	2.7	1.7	2.3	---	---	---	---	---	---	---	---	---
19	3.0	2.7	2.9	---	---	---	---	---	---	---	---	---
20	3.2	1.5	2.5	---	---	---	---	---	---	---	---	---
21	2.9	2.1	2.5	---	---	---	---	---	---	---	---	---
22	3.9	2.8	3.1	---	---	---	---	---	---	---	---	---
23	5.2	3.7	4.2	---	---	---	---	---	---	---	---	---
24	5.7	4.8	5.5	---	---	---	---	---	---	---	---	---
25	5.4	2.8	3.6	---	---	---	---	---	---	---	---	---
26	2.8	2.6	2.7	---	---	---	---	---	---	---	---	---
27	4.7	2.1	3.6	---	---	---	---	---	---	---	---	---
28	2.8	1.3	2.4	---	---	---	---	---	---	---	---	---
29	3.0	1.9	2.4	---	---	---	---	---	---	---	---	---
30	2.3	1.7	2.0	---	---	---	---	---	---	---	---	---
31	2.6	1.1	2.2	---	---	---	---	---	---	---	---	---
Month	5.7	0.4	2.2	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, BOTTOM
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	---	---	---	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND, BOTTOM
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	---	---	---	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS, TOP
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

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

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS, TOP
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

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

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS, TOP
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	---	---	---	454	139	203	283	106	191	1,430	601	1,110
2	---	---	---	404	134	227	320	133	209	1,490	290	840
3	---	---	---	699	298	548	365	193	287	632	244	429
4	---	---	---	1,020	474	671	470	160	322	280	134	218
5	---	---	---	1,680	964	1,220	406	223	284	248	151	187
6	---	---	---	1,650	496	1,070	243	157	184	---	---	---
7	---	---	---	511	144	282	216	149	181	---	---	---
8	---	---	---	155	110	131	301	148	228	110	99	104
9	---	---	---	142	123	127	190	151	168	119	97	106
10	---	---	---	189	117	145	176	157	167	115	105	107
11	---	---	---	166	122	131	184	157	165	135	99	111
12	---	---	---	1,010	157	605	162	137	153	152	90	110
13	---	---	---	1,600	1,010	1,440	167	141	152	122	95	109
14	---	---	---	1,330	204	678	285	139	160	124	110	115
15	---	---	---	1,160	252	722	934	285	505	160	113	129
16	---	---	---	609	121	266	973	217	578	215	139	179
17	---	---	---	194	118	143	257	133	202	145	122	133
18	---	---	---	186	118	140	212	129	145	133	120	127
19	---	---	---	179	106	143	202	163	188	138	129	132
20	---	---	---	135	120	127	358	183	241	178	130	149
21	---	---	---	147	132	137	1,000	358	793	179	127	158
22	---	---	---	610	135	386	788	184	339	166	147	156
23	---	---	---	770	137	559	245	173	191	154	144	151
24	---	---	---	212	122	136	217	178	200	151	132	138
25	---	---	---	186	113	132	342	175	224	159	133	141
26	---	---	---	174	119	130	660	232	443	160	145	155
27	---	---	---	160	125	138	645	260	456	199	147	173
28	---	---	---	144	129	133	979	309	508	180	155	168
29	---	---	---	171	122	134	1,420	979	1,280	178	155	168
30	---	---	---	391	168	287	1,480	661	1,240	206	160	175
31	---	---	---	310	129	200	1,100	274	490	---	---	---
Month	---	---	---	1,680	106	367	1,480	106	351	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS, TOP
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	176	160	168	148	133	138	---	---	---	---	---	---
2	180	172	175	154	135	139	---	---	---	---	---	---
3	174	169	173	178	119	144	---	---	---	---	---	---
4	179	166	170	171	122	146	---	---	---	---	---	---
5	325	179	262	141	127	134	---	---	---	---	---	---
6	289	139	191	---	---	---	---	---	---	---	---	---
7	172	139	148	---	---	---	---	---	---	---	---	---
8	186	151	162	---	---	---	---	---	---	---	---	---
9	179	142	152	---	---	---	---	---	---	---	---	---
10	186	144	162	---	---	---	---	---	---	---	---	---
11	156	143	150	---	---	---	---	---	---	---	---	---
12	156	144	151	---	---	---	---	---	---	---	---	---
13	155	133	145	---	---	---	---	---	---	---	---	---
14	149	130	140	---	---	---	---	---	---	---	---	---
15	143	136	139	---	---	---	---	---	---	---	---	---
16	146	139	142	---	---	---	---	---	---	---	---	---
17	143	135	138	---	---	---	---	---	---	---	---	---
18	139	134	136	---	---	---	---	---	---	---	---	---
19	137	135	136	---	---	---	---	---	---	---	---	---
20	138	135	136	---	---	---	---	---	---	---	---	---
21	141	126	133	---	---	---	---	---	---	---	---	---
22	141	133	134	---	---	---	---	---	---	---	---	---
23	137	134	135	---	---	---	---	---	---	---	---	---
24	145	121	134	---	---	---	---	---	---	---	---	---
25	145	132	136	---	---	---	---	---	---	---	---	---
26	135	130	132	---	---	---	---	---	---	---	---	---
27	135	133	134	---	---	---	---	---	---	---	---	---
28	137	132	134	---	---	---	---	---	---	---	---	---
29	137	124	133	---	---	---	---	---	---	---	---	---
30	137	133	135	---	---	---	---	---	---	---	---	---
31	134	133	133	---	---	---	---	---	---	---	---	---
Month	325	121	150	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS, TOP
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	---	---	---	---	---	---	125	117	122	113	112	112
2	---	---	---	---	---	---	125	119	121	114	112	113
3	---	---	---	---	---	---	128	120	121	125	113	116
4	---	---	---	---	---	---	125	122	124	124	116	119
5	---	---	---	---	---	---	125	112	118	121	116	118
6	---	---	---	---	---	---	121	110	115	118	105	112
7	---	---	---	---	---	---	123	113	117	119	106	112
8	---	---	---	---	---	---	118	112	115	131	111	120
9	---	---	---	---	---	---	124	108	116	129	118	126
10	---	---	---	---	---	---	126	113	119	138	123	132
11	---	---	---	---	---	---	126	112	119	132	126	129
12	---	---	---	---	---	---	121	113	114	135	127	131
13	---	---	---	---	---	---	117	110	112	134	115	130
14	---	---	---	---	---	---	120	110	114	136	129	132
15	---	---	---	---	---	---	119	114	117	148	129	135
16	---	---	---	---	---	---	117	91	108	227	147	193
17	---	---	---	---	---	---	115	92	104	188	136	173
18	---	---	---	---	---	---	111	105	109	172	113	132
19	---	---	---	---	---	---	114	109	111	142	119	135
20	---	---	---	---	---	---	113	109	111	143	128	136
21	---	---	---	147	114	126	112	109	110	141	135	138
22	---	---	---	121	108	112	113	110	111	145	139	140
23	---	---	---	112	109	110	114	111	112	143	137	140
24	---	---	---	111	109	110	117	110	112	139	126	134
25	---	---	---	123	108	112	117	111	112	135	123	130
26	---	---	---	124	110	117	117	108	112	244	131	169
27	---	---	---	135	109	125	114	110	112	267	178	251
28	---	---	---	126	110	116	114	111	113	241	169	197
29	---	---	---	121	109	115	112	110	111	197	150	172
30	---	---	---	125	115	118	112	111	111	184	144	164
31	---	---	---	120	114	117	---	---	---	---	---	---
Month	---	---	---	---	---	---	128	91	114	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS, TOP
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	---	---	---	1,020	544	761	---	---	---	380	209	318
2	---	---	---	847	352	614	1,130	497	794	1,150	269	574
3	---	---	---	490	191	316	---	---	---	1,140	706	849
4	---	---	---	1,450	251	667	---	---	---	846	229	381
5	---	---	---	1,830	1,450	1,590	---	---	---	394	195	304
6	---	---	---	1,990	1,150	1,860	---	---	---	395	215	292
7	239	138	180	1,820	529	959	---	---	---	228	180	203
8	251	227	237	2,080	485	1,340	---	---	---	360	167	208
9	243	184	230	2,440	1,650	2,240	---	---	---	228	155	193
10	204	173	190	2,380	1,270	2,140	---	---	---	603	157	309
11	190	175	180	3,190	2,160	2,660	---	---	---	2,380	603	1,670
12	193	178	184	3,340	803	2,180	---	---	---	2,590	1,560	2,360
13	257	165	187	1,460	579	996	---	---	---	1,760	841	1,400
14	321	144	266	1,370	744	989	---	---	---	1,470	579	774
15	249	177	200	2,280	1,080	1,520	---	---	---	2,160	1,460	1,900
16	237	157	179	3,570	2,260	2,810	---	---	---	1,940	1,180	1,510
17	242	168	190	4,490	1,730	2,890	3,120	2,670	2,870	1,340	743	1,010
18	520	180	340	3,550	2,370	2,990	3,020	970	2,760	1,920	561	1,130
19	996	262	668	3,340	2,020	2,790	2,460	521	1,180	2,320	639	1,440
20	989	376	782	3,680	3,050	3,470	2,720	1,910	2,420	2,220	499	1,250
21	457	159	294	3,800	3,210	3,520	2,980	1,200	2,510	2,200	905	1,450
22	340	168	231	3,370	2,310	2,750	2,120	1,090	1,400	1,260	582	915
23	217	146	161	2,490	1,350	2,140	1,450	827	1,090	1,260	579	852
24	163	141	150	2,020	992	1,450	1,200	431	696	1,940	1,260	1,700
25	159	139	143	1,710	1,080	1,350	2,120	992	1,450	1,530	1,000	1,190
26	705	158	307	1,500	895	1,130	2,750	1,670	2,240	1,400	805	1,240
27	1,340	702	960	1,640	784	1,150	2,070	546	1,100	2,250	945	1,490
28	1,370	1,260	1,320	2,620	1,250	2,240	937	614	851	1,770	1,240	1,480
29	1,740	1,350	1,510	2,840	1,630	2,290	896	676	787	1,700	1,140	1,520
30	1,940	850	1,580	2,980	1,170	1,840	910	445	706	2,030	1,100	1,510
31	---	---	---	1,800	1,080	1,330	500	193	314	---	---	---
Month	---	---	---	4,490	191	1,840	---	---	---	2,590	155	1,050

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS, TOP
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	2,770	1,440	2,200	4,110	724	2,300	---	---	---	---	---	---
2	2,720	1,920	2,310	4,910	1,790	3,750	---	---	---	---	---	---
3	2,470	1,440	1,780	4,440	632	1,800	---	---	---	---	---	---
4	1,490	844	1,120	3,380	873	2,140	---	---	---	---	---	---
5	1,980	1,120	1,440	---	---	---	---	---	---	---	---	---
6	1,840	748	1,260	---	---	---	---	---	---	---	---	---
7	1,060	349	676	---	---	---	---	---	---	---	---	---
8	1,840	566	1,040	---	---	---	---	---	---	---	---	---
9	2,310	1,340	1,790	---	---	---	---	---	---	---	---	---
10	3,800	2,060	2,920	---	---	---	---	---	---	---	---	---
11	4,030	2,270	3,430	---	---	---	---	---	---	---	---	---
12	2,840	2,110	2,450	---	---	---	---	---	---	---	---	---
13	3,050	2,350	2,710	---	---	---	---	---	---	---	---	---
14	3,380	2,060	2,650	---	---	---	---	---	---	---	---	---
15	2,930	2,210	2,540	---	---	---	---	---	---	---	---	---
16	2,700	1,960	2,370	---	---	---	---	---	---	---	---	---
17	2,950	1,950	2,320	---	---	---	---	---	---	---	---	---
18	4,520	2,330	3,570	---	---	---	---	---	---	---	---	---
19	5,700	3,500	4,950	---	---	---	---	---	---	---	---	---
20	5,960	2,590	4,100	---	---	---	---	---	---	---	---	---
21	5,250	2,280	3,390	---	---	---	---	---	---	---	---	---
22	5,550	3,810	4,950	---	---	---	---	---	---	---	---	---
23	7,560	4,640	5,440	---	---	---	---	---	---	---	---	---
24	9,310	4,740	6,730	---	---	---	---	---	---	---	---	---
25	5,700	4,100	5,210	---	---	---	---	---	---	---	---	---
26	5,480	4,100	5,170	---	---	---	---	---	---	---	---	---
27	5,360	3,010	4,640	---	---	---	---	---	---	---	---	---
28	5,650	2,450	4,790	---	---	---	---	---	---	---	---	---
29	6,000	3,290	4,770	---	---	---	---	---	---	---	---	---
30	3,770	1,660	3,130	---	---	---	---	---	---	---	---	---
31	3,760	1,580	2,740	---	---	---	---	---	---	---	---	---
Month	9,310	349	3,180	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS, TOP
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	---	---	---	---	---	---	---	---	---	---	---	---
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12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
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23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
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31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS, TOP
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	---	---	---	---	---	---	---	---	---	---	---	---
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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	---	---	---	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS, BOTTOM
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

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

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS, BOTTOM
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

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

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS, BOTTOM
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	---	---	---	452	136	176	234	102	172	1,420	604	1,060
2	---	---	---	600	134	252	349	139	288	1,570	629	1,210
3	---	---	---	807	497	659	404	268	355	1,080	158	469
4	---	---	---	1,060	472	678	689	336	456	229	114	148
5	---	---	---	1,700	999	1,260	391	215	278	186	112	140
6	---	---	---	1,640	504	1,140	241	150	181	214	102	143
7	---	---	---	510	143	284	260	138	195	139	95	107
8	---	---	---	154	116	136	329	179	255	110	98	103
9	---	---	---	180	123	141	195	151	169	118	91	107
10	---	---	---	203	134	178	172	118	157	116	101	106
11	---	---	---	610	128	325	180	149	162	135	100	111
12	---	---	---	1,450	610	1,160	162	137	153	152	91	110
13	---	---	---	1,600	1,250	1,510	162	134	143	121	95	111
14	---	---	---	1,440	319	1,100	275	136	160	124	105	113
15	---	---	---	1,400	426	988	945	275	589	162	113	129
16	---	---	---	---	---	---	985	221	686	215	139	180
17	---	---	---	---	---	---	260	135	205	145	122	132
18	---	---	---	---	---	---	198	131	146	141	119	130
19	---	---	---	---	---	---	211	159	185	137	122	131
20	---	---	---	131	119	122	373	185	255	179	131	149
21	---	---	---	139	125	132	975	373	805	179	139	165
22	---	---	---	611	133	391	818	195	438	159	137	152
23	---	---	---	1,330	138	754	249	177	197	154	143	151
24	---	---	---	212	121	135	279	150	207	152	131	139
25	---	---	---	167	113	126	1,010	152	387	156	133	137
26	---	---	---	142	117	122	1,190	337	778	169	144	155
27	---	---	---	149	123	130	797	335	535	199	148	178
28	---	---	---	145	126	133	1,410	409	1,000	180	156	167
29	---	---	---	316	125	176	1,440	1,160	1,330	177	156	168
30	---	---	---	399	218	326	1,500	814	1,360	175	149	167
31	---	---	---	354	136	232	1,100	278	509	---	---	---
Month	---	---	---	---	---	---	1,500	102	411	1,570	91	216

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS, BOTTOM
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	176	160	167	140	131	134	---	---	---	---	---	---
2	179	172	175	153	131	138	---	---	---	---	---	---
3	174	168	171	177	118	143	---	---	---	---	---	---
4	183	166	172	170	129	147	---	---	---	---	---	---
5	325	179	263	140	128	134	---	---	---	---	---	---
6	288	139	200	---	---	---	---	---	---	---	---	---
7	172	139	148	---	---	---	---	---	---	---	---	---
8	186	151	162	---	---	---	---	---	---	---	---	---
9	179	142	153	---	---	---	---	---	---	---	---	---
10	187	145	162	---	---	---	---	---	---	---	---	---
11	157	143	152	---	---	---	---	---	---	---	---	---
12	156	147	151	---	---	---	---	---	---	---	---	---
13	155	133	145	---	---	---	---	---	---	---	---	---
14	145	131	139	---	---	---	---	---	---	---	---	---
15	144	137	140	---	---	---	---	---	---	---	---	---
16	146	139	142	---	---	---	---	---	---	---	---	---
17	143	135	138	---	---	---	---	---	---	---	---	---
18	141	135	137	---	---	---	---	---	---	---	---	---
19	137	133	135	---	---	---	---	---	---	---	---	---
20	137	134	135	---	---	---	---	---	---	---	---	---
21	140	126	133	---	---	---	---	---	---	---	---	---
22	140	131	134	---	---	---	---	---	---	---	---	---
23	137	133	134	---	---	---	---	---	---	---	---	---
24	145	120	134	---	---	---	---	---	---	---	---	---
25	145	131	135	---	---	---	---	---	---	---	---	---
26	134	129	131	---	---	---	---	---	---	---	---	---
27	134	132	133	---	---	---	---	---	---	---	---	---
28	136	131	133	---	---	---	---	---	---	---	---	---
29	136	123	132	---	---	---	---	---	---	---	---	---
30	136	130	133	---	---	---	---	---	---	---	---	---
31	133	132	133	---	---	---	---	---	---	---	---	---
Month	325	120	150	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS, BOTTOM
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	---	---	---	---	---	---	123	115	119	115	112	113
2	---	---	---	---	---	---	123	114	118	121	111	113
3	---	---	---	---	---	---	124	118	120	124	112	116
4	---	---	---	---	---	---	127	122	123	123	115	119
5	---	---	---	---	---	---	124	111	117	121	116	118
6	---	---	---	---	---	---	130	112	117	118	105	111
7	---	---	---	---	---	---	127	114	118	119	105	112
8	---	---	---	---	---	---	123	113	118	130	110	119
9	---	---	---	---	---	---	130	114	122	130	113	125
10	---	---	---	---	---	---	134	118	125	138	122	132
11	---	---	---	---	---	---	132	114	123	141	126	133
12	---	---	---	---	---	---	124	115	119	138	127	133
13	---	---	---	---	---	---	121	115	119	136	115	130
14	---	---	---	---	---	---	127	116	120	137	130	132
15	---	---	---	---	---	---	128	117	123	145	129	135
16	---	---	---	---	---	---	122	95	112	233	145	193
17	---	---	---	---	---	---	118	96	108	197	141	178
18	---	---	---	---	---	---	116	109	113	176	115	137
19	---	---	---	---	---	---	118	113	115	148	121	141
20	---	---	---	---	---	---	117	113	114	141	129	136
21	---	---	---	147	114	125	115	113	114	144	134	138
22	---	---	---	116	108	111	117	113	115	145	138	140
23	---	---	---	117	110	112	117	114	115	143	137	139
24	---	---	---	114	109	111	116	113	114	140	127	134
25	---	---	---	123	108	111	117	114	115	134	127	130
26	---	---	---	123	107	114	117	109	113	279	130	213
27	---	---	---	131	114	126	114	112	114	268	227	253
28	---	---	---	128	106	113	115	112	114	231	164	186
29	---	---	---	120	108	114	117	111	112	198	147	172
30	---	---	---	123	113	117	117	112	113	186	144	163
31	---	---	---	120	111	116	---	---	---	---	---	---
Month	---	---	---	---	---	---	134	95	117	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS, BOTTOM
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	---	---	---	3,200	699	1,430	---	---	---	733	268	438
2	---	---	---	916	573	786	2,120	1,020	1,790	1,150	280	590
3	---	---	---	931	360	588	2,720	1,820	2,280	1,140	647	844
4	---	---	---	1,440	297	1,060	3,360	2,720	3,170	1,040	635	871
5	---	---	---	1,830	1,440	1,610	3,460	3,250	3,380	2,070	234	956
6	---	---	---	2,030	1,810	1,950	3,400	3,100	3,280	978	222	423
7	257	138	204	2,020	983	1,830	---	---	---	293	184	213
8	251	227	237	2,150	1,910	2,030	3,180	3,080	3,140	458	172	220
9	242	195	230	2,540	2,140	2,320	---	---	---	227	155	194
10	204	173	190	2,600	2,210	2,450	---	---	---	661	157	359
11	187	177	181	5,090	2,580	3,750	---	---	---	2,390	608	1,730
12	202	178	185	5,430	1,610	3,490	1,480	830	1,240	2,610	1,850	2,440
13	259	165	187	3,620	928	2,050	1,910	638	1,340	2,320	1,200	1,570
14	321	144	267	2,030	1,130	1,590	2,450	440	1,310	2,080	591	1,100
15	250	170	204	3,400	1,660	2,320	2,480	352	1,130	2,240	1,710	1,990
16	187	141	172	5,380	3,340	4,560	2,970	2,400	2,680	1,940	1,280	1,560
17	234	168	198	5,750	3,240	4,990	3,110	2,660	2,900	1,340	757	1,030
18	760	200	638	6,210	4,560	5,520	3,000	2,050	2,800	1,930	564	1,150
19	1,050	703	939	6,300	5,170	6,130	2,480	920	2,010	2,520	645	1,550
20	1,100	639	877	6,260	3,210	4,700	2,710	2,410	2,580	2,570	494	1,890
21	965	176	498	3,830	3,360	3,560	2,960	1,220	2,620	2,450	1,700	2,180
22	387	171	249	3,400	2,370	2,780	2,590	1,150	1,580	2,270	2,190	2,230
23	229	150	187	2,720	1,660	2,180	1,470	796	1,130	2,540	1,000	2,030
24	203	143	169	3,080	2,090	2,740	1,500	937	1,300	2,100	1,380	1,890
25	146	140	143	2,790	1,320	2,220	2,220	1,230	1,830	1,770	1,200	1,500
26	805	145	526	2,020	1,130	1,720	2,770	2,120	2,530	2,120	1,310	1,600
27	1,380	727	1,090	2,680	1,740	2,290	2,760	893	1,530	2,510	1,680	2,330
28	1,360	1,230	1,290	2,900	2,660	2,790	971	628	857	3,080	1,300	2,190
29	2,810	1,340	1,830	3,110	2,660	2,920	944	694	828	1,760	1,180	1,580
30	3,240	1,720	2,750	3,130	1,460	2,950	916	513	724	2,110	1,240	1,610
31	---	---	---	2,200	1,110	1,640	612	260	428	---	---	---
Month	---	---	---	6,300	297	2,680	---	---	---	3,080	155	1,340

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS, BOTTOM
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	2,900	1,500	2,310	4,920	3,980	4,610	---	---	---	---	---	---
2	2,860	1,910	2,400	4,600	2,170	3,580	---	---	---	---	---	---
3	2,480	1,400	1,930	4,170	693	2,250	---	---	---	---	---	---
4	1,730	917	1,280	5,140	3,200	4,450	---	---	---	---	---	---
5	2,520	1,260	1,530	---	---	---	---	---	---	---	---	---
6	2,660	812	1,380	---	---	---	---	---	---	---	---	---
7	3,970	1,250	3,410	---	---	---	---	---	---	---	---	---
8	4,000	3,270	3,750	---	---	---	---	---	---	---	---	---
9	4,610	3,680	4,130	---	---	---	---	---	---	---	---	---
10	4,780	3,350	4,260	---	---	---	---	---	---	---	---	---
11	4,750	2,230	3,870	---	---	---	---	---	---	---	---	---
12	3,380	2,120	2,680	---	---	---	---	---	---	---	---	---
13	3,670	2,480	3,010	---	---	---	---	---	---	---	---	---
14	3,690	2,670	3,120	---	---	---	---	---	---	---	---	---
15	3,050	2,500	2,880	---	---	---	---	---	---	---	---	---
16	3,000	2,560	2,790	---	---	---	---	---	---	---	---	---
17	4,130	2,560	3,330	---	---	---	---	---	---	---	---	---
18	4,970	3,360	4,300	---	---	---	---	---	---	---	---	---
19	5,600	4,970	5,390	---	---	---	---	---	---	---	---	---
20	5,940	2,850	4,700	---	---	---	---	---	---	---	---	---
21	5,360	3,950	4,710	---	---	---	---	---	---	---	---	---
22	7,040	5,270	5,740	---	---	---	---	---	---	---	---	---
23	9,280	6,840	7,660	---	---	---	---	---	---	---	---	---
24	10,100	8,590	9,720	---	---	---	---	---	---	---	---	---
25	9,670	5,150	6,620	---	---	---	---	---	---	---	---	---
26	5,300	4,900	5,020	---	---	---	---	---	---	---	---	---
27	8,470	3,920	6,600	---	---	---	---	---	---	---	---	---
28	5,230	2,560	4,580	---	---	---	---	---	---	---	---	---
29	5,520	3,710	4,520	---	---	---	---	---	---	---	---	---
30	4,310	3,280	3,810	---	---	---	---	---	---	---	---	---
31	4,870	2,200	4,230	---	---	---	---	---	---	---	---	---
Month	10,100	812	4,050	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS, BOTTOM
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	---	---	---	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS, BOTTOM
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	---	---	---	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, TOP
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	7.5	7.3	7.4	7.6	7.0	7.6	---	---	---	---	---	---
2	7.6	7.3	7.4	7.4	7.1	7.2	---	---	---	---	---	---
3	7.9	7.4	7.4	7.3	7.0	7.2	---	---	---	---	---	---
4	8.0	7.3	7.5	7.4	6.9	7.1	---	---	---	---	---	---
5	7.6	7.3	7.4	7.2	7.0	7.1	---	---	---	---	---	---
6	7.5	7.3	7.4	---	---	---	---	---	---	---	---	---
7	7.5	7.4	7.4	---	---	---	---	---	---	---	---	---
8	7.7	7.5	7.6	---	---	---	---	---	---	---	---	---
9	7.8	7.5	7.7	---	---	---	---	---	---	---	---	---
10	7.8	7.4	7.6	---	---	---	---	---	---	---	---	---
11	7.8	7.4	7.5	---	---	---	---	---	---	---	---	---
12	7.9	7.5	7.7	---	---	---	---	---	---	---	---	---
13	7.8	7.4	7.6	---	---	---	---	---	---	---	---	---
14	7.4	7.3	7.4	---	---	---	---	---	---	---	---	---
15	7.4	7.3	7.4	---	---	---	---	---	---	---	---	---
16	7.5	7.4	7.4	---	---	---	---	---	---	---	---	---
17	7.5	7.4	7.4	---	---	---	---	---	---	---	---	---
18	7.5	7.1	7.2	---	---	---	---	---	---	---	---	---
19	7.3	7.2	7.2	---	---	---	---	---	---	---	---	---
20	7.4	7.1	7.3	---	---	---	---	---	---	---	---	---
21	7.5	7.1	7.3	---	---	---	---	---	---	---	---	---
22	7.1	7.0	7.0	---	---	---	---	---	---	---	---	---
23	7.1	7.0	7.0	---	---	---	---	---	---	---	---	---
24	7.3	7.0	7.0	---	---	---	---	---	---	---	---	---
25	7.0	6.9	7.0	---	---	---	---	---	---	---	---	---
26	7.0	6.9	7.0	---	---	---	---	---	---	---	---	---
27	7.1	7.0	7.1	---	---	---	---	---	---	---	---	---
28	7.4	7.1	7.2	---	---	---	---	---	---	---	---	---
29	7.6	7.2	7.4	---	---	---	---	---	---	---	---	---
30	7.6	7.4	7.5	---	---	---	---	---	---	---	---	---
31	7.6	7.5	7.6	---	---	---	---	---	---	---	---	---
Max	8.0	7.5	7.7	---	---	---	---	---	---	---	---	---
Min	7.0	6.9	7.0	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, TOP
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	---	---	---	---	---	---	6.9	6.8	6.9	7.2	6.7	6.8
2	---	---	---	---	---	---	7.1	6.8	7.0	7.3	7.1	7.2
3	---	---	---	---	---	---	7.0	6.8	6.9	7.2	6.9	7.0
4	---	---	---	---	---	---	7.0	6.9	7.0	7.1	6.9	6.9
5	---	---	---	---	---	---	7.1	7.0	7.0	7.1	6.8	6.8
6	---	---	---	---	---	---	7.1	7.0	7.1	7.4	6.8	7.2
7	---	---	---	---	---	---	7.2	7.0	7.1	7.4	7.2	7.3
8	---	---	---	---	---	---	7.1	7.0	7.1	7.4	7.2	7.4
9	---	---	---	---	---	---	7.2	7.1	7.1	7.4	7.0	7.2
10	---	---	---	---	---	---	7.1	7.0	7.1	7.2	6.9	7.0
11	---	---	---	---	---	---	7.2	7.0	7.1	7.6	7.1	7.1
12	---	---	---	---	---	---	7.2	7.0	7.1	7.7	6.9	7.0
13	---	---	---	---	---	---	7.2	6.9	7.0	7.6	7.1	7.2
14	---	---	---	---	---	---	7.1	6.9	7.0	7.2	7.1	7.2
15	---	---	---	---	---	---	7.2	7.0	7.1	7.5	7.0	7.2
16	---	---	---	---	---	---	7.2	6.9	7.0	8.0	7.3	7.7
17	---	---	---	---	---	---	7.1	6.8	6.8	7.8	7.1	7.6
18	---	---	---	---	---	---	7.0	6.8	6.9	7.5	7.1	7.4
19	---	---	---	---	---	---	7.0	6.9	6.9	7.4	7.1	7.2
20	---	---	---	---	---	---	7.0	6.9	6.9	7.4	7.2	7.3
21	---	---	---	7.5	7.1	7.3	7.0	6.9	7.0	7.4	7.1	7.3
22	---	---	---	7.2	7.1	7.2	7.1	6.9	7.0	7.4	7.1	7.2
23	---	---	---	7.2	7.1	7.1	7.1	6.9	7.0	7.5	7.2	7.3
24	---	---	---	7.1	7.0	7.1	7.2	7.0	7.1	7.6	7.1	7.3
25	---	---	---	7.3	6.9	7.0	7.1	6.9	7.0	7.4	7.1	7.2
26	---	---	---	7.2	6.9	7.1	7.3	6.8	7.0	8.8	7.3	7.6
27	---	---	---	7.3	6.9	7.2	7.1	6.8	7.0	8.5	7.4	7.5
28	---	---	---	7.2	6.8	7.0	7.0	6.7	6.8	7.5	7.2	7.4
29	---	---	---	7.1	6.8	6.9	6.8	6.7	6.7	7.6	7.2	7.3
30	---	---	---	7.2	6.8	6.8	6.8	6.7	6.8	7.6	7.2	7.3
31	---	---	---	7.0	6.8	6.9	---	---	---	---	---	---
Max	---	---	---	---	---	---	7.3	7.1	7.1	---	---	---
Min	---	---	---	---	---	---	6.8	6.7	6.7	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, TOP
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	---	---	---	7.6	7.2	7.4	---	---	---	7.8	7.0	7.2
2	---	---	---	7.9	7.3	7.4	8.0	7.1	7.2	7.7	7.3	7.4
3	---	---	---	7.9	7.3	7.3	---	---	---	8.2	7.3	7.6
4	---	---	---	7.8	7.4	7.4	---	---	---	8.6	7.2	7.6
5	---	---	---	7.6	7.2	7.4	8.3	7.0	7.4	8.7	7.3	8.1
6	---	---	---	7.9	7.3	7.6	---	---	---	8.4	7.2	7.6
7	8.1	7.4	7.4	8.0	7.3	7.5	---	---	---	7.5	7.2	7.3
8	7.9	7.3	7.4	8.5	7.4	7.8	---	---	---	7.5	7.1	7.3
9	8.0	7.2	7.4	8.0	7.1	7.2	---	---	---	7.6	7.3	7.5
10	7.8	7.4	7.6	8.1	7.2	7.6	---	---	---	8.3	7.4	7.5
11	8.7	7.4	7.6	7.7	7.2	7.4	---	---	---	8.0	7.3	7.7
12	8.0	7.3	7.7	8.2	7.2	7.4	8.4	7.3	7.5	7.7	7.4	7.6
13	7.7	7.5	7.5	7.6	7.3	7.4	---	---	---	7.5	7.3	7.4
14	7.7	7.4	7.5	8.1	7.3	7.4	---	---	---	7.6	7.4	7.5
15	7.9	7.4	7.6	7.6	7.1	7.3	---	---	---	7.8	7.4	7.5
16	8.6	7.5	7.6	7.8	7.0	7.2	7.8	7.1	7.5	7.7	7.5	7.6
17	8.8	7.8	8.0	7.8	7.0	7.3	7.9	7.3	7.5	7.7	7.5	7.6
18	8.8	7.7	8.4	7.8	7.1	7.5	8.1	7.3	7.6	7.8	7.6	7.6
19	8.1	7.3	7.8	8.2	7.5	7.8	7.6	7.2	7.3	7.8	7.7	7.8
20	7.8	7.3	7.4	8.1	7.6	7.8	8.0	7.4	7.7	7.9	7.7	7.8
21	7.6	7.3	7.4	7.6	7.4	7.6	8.0	7.4	7.6	7.9	7.7	7.7
22	8.2	7.3	7.5	7.5	7.4	7.5	7.7	7.2	7.4	8.3	7.6	7.8
23	8.0	7.4	7.5	8.2	7.4	7.5	7.8	7.4	7.5	8.8	7.5	7.8
24	7.8	7.4	7.6	8.4	7.3	7.6	7.6	7.1	7.4	8.8	8.3	8.6
25	8.5	7.5	7.7	8.2	7.4	7.9	7.8	7.3	7.4	8.6	7.7	8.3
26	8.0	7.1	7.7	7.8	7.3	7.5	7.7	7.2	7.3	8.7	7.7	8.2
27	7.3	7.0	7.1	7.6	7.2	7.4	8.1	7.2	7.5	8.5	7.4	7.8
28	7.2	7.0	7.1	7.8	7.0	7.3	7.6	7.2	7.4	7.9	7.5	7.7
29	7.3	7.0	7.1	7.7	7.1	7.2	7.5	7.2	7.2	8.0	7.6	7.8
30	7.7	7.1	7.4	7.6	7.0	7.4	7.6	7.3	7.3	7.9	7.6	7.7
31	---	---	---	7.4	7.1	7.2	7.4	7.0	7.1	---	---	---
Max	---	---	---	8.5	7.6	7.9	---	---	---	8.8	8.3	8.6
Min	---	---	---	7.4	7.0	7.2	---	---	---	7.5	7.0	7.2

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, TOP
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	7.9	7.7	7.8	7.8	7.2	7.3	---	---	---	---	---	---
2	7.9	7.6	7.7	7.8	7.3	7.7	---	---	---	---	---	---
3	8.1	7.6	7.7	7.7	7.4	7.5	---	---	---	---	---	---
4	8.1	7.6	7.8	7.7	7.4	7.5	---	---	---	---	---	---
5	7.9	7.6	7.7	---	---	---	---	---	---	---	---	---
6	8.2	7.6	7.8	---	---	---	---	---	---	---	---	---
7	7.9	7.3	7.6	---	---	---	---	---	---	---	---	---
8	8.4	7.3	7.7	---	---	---	---	---	---	---	---	---
9	8.3	7.3	8.0	---	---	---	---	---	---	---	---	---
10	8.4	7.2	7.9	---	---	---	---	---	---	---	---	---
11	7.6	7.2	7.3	---	---	---	---	---	---	---	---	---
12	7.5	7.3	7.4	---	---	---	---	---	---	---	---	---
13	7.4	7.3	7.3	---	---	---	---	---	---	---	---	---
14	7.9	7.3	7.4	---	---	---	---	---	---	---	---	---
15	7.8	7.4	7.6	---	---	---	---	---	---	---	---	---
16	7.7	7.5	7.6	---	---	---	---	---	---	---	---	---
17	7.7	7.4	7.5	---	---	---	---	---	---	---	---	---
18	7.8	7.2	7.6	---	---	---	---	---	---	---	---	---
19	7.4	7.2	7.3	---	---	---	---	---	---	---	---	---
20	7.6	7.1	7.4	---	---	---	---	---	---	---	---	---
21	7.9	7.3	7.5	---	---	---	---	---	---	---	---	---
22	7.5	7.2	7.3	---	---	---	---	---	---	---	---	---
23	7.5	7.1	7.3	---	---	---	---	---	---	---	---	---
24	7.4	7.0	7.2	---	---	---	---	---	---	---	---	---
25	7.8	7.4	7.5	---	---	---	---	---	---	---	---	---
26	7.6	7.3	7.5	---	---	---	---	---	---	---	---	---
27	7.4	7.2	7.3	---	---	---	---	---	---	---	---	---
28	7.6	7.3	7.5	---	---	---	---	---	---	---	---	---
29	7.7	7.6	7.6	---	---	---	---	---	---	---	---	---
30	7.7	7.4	7.6	---	---	---	---	---	---	---	---	---
31	7.7	7.4	7.5	---	---	---	---	---	---	---	---	---
Max	8.4	7.7	8.0	---	---	---	---	---	---	---	---	---
Min	7.4	7.0	7.2	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, TOP
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	---	---	---	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, TOP
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	---	---	---	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, BOTTOM
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	7.3	7.2	7.3	7.7	7.3	7.6	---	---	---	---	---	---
2	7.3	7.1	7.2	7.5	7.1	7.3	---	---	---	---	---	---
3	7.5	7.2	7.3	7.4	7.1	7.2	---	---	---	---	---	---
4	7.6	7.2	7.3	7.4	7.0	7.2	---	---	---	---	---	---
5	7.6	7.1	7.3	7.3	7.0	7.2	---	---	---	---	---	---
6	7.4	7.2	7.2	---	---	---	---	---	---	---	---	---
7	7.4	7.2	7.3	---	---	---	---	---	---	---	---	---
8	7.5	7.3	7.4	---	---	---	---	---	---	---	---	---
9	7.6	7.3	7.6	---	---	---	---	---	---	---	---	---
10	7.6	7.3	7.5	---	---	---	---	---	---	---	---	---
11	7.4	7.3	7.3	---	---	---	---	---	---	---	---	---
12	7.7	7.4	7.5	---	---	---	---	---	---	---	---	---
13	7.6	7.2	7.4	---	---	---	---	---	---	---	---	---
14	7.3	7.2	7.2	---	---	---	---	---	---	---	---	---
15	7.3	7.2	7.2	---	---	---	---	---	---	---	---	---
16	7.3	7.2	7.3	---	---	---	---	---	---	---	---	---
17	7.4	7.2	7.3	---	---	---	---	---	---	---	---	---
18	7.3	7.1	7.3	---	---	---	---	---	---	---	---	---
19	7.3	7.2	7.2	---	---	---	---	---	---	---	---	---
20	7.5	7.2	7.3	---	---	---	---	---	---	---	---	---
21	7.5	7.2	7.3	---	---	---	---	---	---	---	---	---
22	7.2	7.1	7.1	---	---	---	---	---	---	---	---	---
23	7.2	7.1	7.1	---	---	---	---	---	---	---	---	---
24	7.4	7.0	7.1	---	---	---	---	---	---	---	---	---
25	7.2	7.0	7.0	---	---	---	---	---	---	---	---	---
26	7.1	7.0	7.0	---	---	---	---	---	---	---	---	---
27	7.2	7.1	7.1	---	---	---	---	---	---	---	---	---
28	7.4	7.2	7.3	---	---	---	---	---	---	---	---	---
29	7.7	7.2	7.5	---	---	---	---	---	---	---	---	---
30	7.6	7.3	7.6	---	---	---	---	---	---	---	---	---
31	7.6	7.5	7.6	---	---	---	---	---	---	---	---	---
Max	7.7	7.5	7.6	---	---	---	---	---	---	---	---	---
Min	7.1	7.0	7.0	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, BOTTOM
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	---	---	---	---	---	---	7.0	6.9	6.9	7.2	6.7	6.8
2	---	---	---	---	---	---	7.2	6.9	7.0	7.3	7.2	7.2
3	---	---	---	---	---	---	7.1	6.8	7.0	7.3	7.0	7.1
4	---	---	---	---	---	---	7.1	7.0	7.0	7.2	7.0	7.0
5	---	---	---	---	---	---	7.2	7.1	7.1	7.2	6.9	7.0
6	---	---	---	---	---	---	7.2	7.1	7.1	7.6	6.9	7.3
7	---	---	---	---	---	---	7.3	7.1	7.2	7.6	7.3	7.5
8	---	---	---	---	---	---	7.2	7.1	7.2	7.6	7.4	7.6
9	---	---	---	---	---	---	7.2	7.1	7.2	7.6	7.2	7.3
10	---	---	---	---	---	---	7.2	7.1	7.1	7.4	7.0	7.2
11	---	---	---	---	---	---	7.3	7.1	7.1	7.2	7.0	7.0
12	---	---	---	---	---	---	7.2	7.1	7.2	7.6	7.0	7.1
13	---	---	---	---	---	---	7.2	7.0	7.1	7.6	7.1	7.3
14	---	---	---	---	---	---	7.1	7.0	7.1	7.4	7.2	7.3
15	---	---	---	---	---	---	7.3	7.1	7.2	7.6	7.2	7.3
16	---	---	---	---	---	---	7.3	7.0	7.1	8.1	7.5	7.8
17	---	---	---	---	---	---	7.2	6.8	6.9	8.0	7.3	7.8
18	---	---	---	---	---	---	7.0	6.9	6.9	7.7	7.3	7.6
19	---	---	---	---	---	---	7.0	6.9	7.0	7.6	7.3	7.4
20	---	---	---	---	---	---	7.0	7.0	7.0	7.5	7.3	7.4
21	---	---	---	7.5	7.2	7.3	7.0	7.0	7.0	7.6	7.3	7.5
22	---	---	---	7.2	7.1	7.2	7.1	6.9	7.0	7.6	7.3	7.4
23	---	---	---	7.2	7.1	7.1	7.1	7.0	7.1	7.7	7.4	7.5
24	---	---	---	7.2	7.0	7.1	7.2	7.0	7.2	7.6	7.3	7.5
25	---	---	---	7.3	6.9	7.0	7.1	6.8	7.0	7.5	7.2	7.3
26	---	---	---	7.3	6.9	7.1	7.3	6.8	7.0	7.6	7.3	7.4
27	---	---	---	7.4	7.0	7.3	7.1	6.8	7.0	7.7	7.4	7.5
28	---	---	---	7.3	6.8	7.0	7.1	6.7	6.8	7.5	7.3	7.4
29	---	---	---	7.1	6.8	7.0	6.8	6.7	6.7	7.8	7.3	7.5
30	---	---	---	7.2	6.8	6.8	6.8	6.7	6.8	7.8	7.3	7.5
31	---	---	---	7.0	6.8	7.0	---	---	---	---	---	---
Max	---	---	---	---	---	---	7.3	7.1	7.2	---	---	---
Min	---	---	---	---	---	---	6.8	6.7	6.7	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, BOTTOM
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	---	---	---	7.5	6.8	7.3	---	---	---	8.0	7.0	7.6
2	---	---	---	7.5	7.1	7.2	8.0	7.3	7.6	7.8	7.4	7.6
3	---	---	---	7.7	7.1	7.3	7.6	7.1	7.2	8.0	7.4	7.5
4	---	---	---	7.6	7.2	7.3	7.1	7.0	7.1	7.9	7.0	7.6
5	---	---	---	7.5	7.2	7.3	7.3	6.9	7.1	8.2	6.8	7.0
6	---	---	---	7.5	7.2	7.3	7.3	7.2	7.3	8.1	6.9	7.3
7	7.6	7.3	7.3	7.6	7.0	7.4	---	---	---	7.3	7.1	7.2
8	7.4	7.1	7.2	7.2	6.9	7.0	7.9	7.1	7.3	7.4	7.0	7.1
9	7.8	7.0	7.2	7.3	7.0	7.2	---	---	---	7.4	7.2	7.3
10	7.6	7.0	7.4	7.6	7.0	7.1	---	---	---	7.6	7.1	7.2
11	7.4	7.2	7.3	7.0	6.8	6.9	---	---	---	7.7	7.0	7.3
12	7.8	7.1	7.3	7.6	6.9	7.1	7.8	7.3	7.4	7.6	7.3	7.4
13	7.6	7.2	7.4	7.6	6.9	7.3	7.5	7.1	7.2	7.4	7.2	7.3
14	7.5	7.2	7.3	7.6	7.1	7.4	8.1	7.0	7.3	7.5	7.3	7.4
15	7.7	7.2	7.4	7.2	7.0	7.0	7.6	7.2	7.4	7.7	7.3	7.4
16	7.7	7.3	7.4	7.0	6.9	6.9	7.6	7.1	7.3	7.7	7.5	7.5
17	7.6	7.1	7.4	7.2	6.8	6.9	7.6	7.3	7.4	7.6	7.4	7.6
18	7.4	6.9	7.0	7.1	6.8	6.9	8.0	7.3	7.5	7.9	7.5	7.6
19	7.2	6.9	7.0	6.9	6.8	6.9	7.6	7.2	7.4	7.9	7.7	7.8
20	7.2	6.8	6.9	8.0	6.9	7.2	7.7	7.4	7.5	7.8	7.5	7.7
21	7.3	6.9	7.1	7.6	7.4	7.5	7.9	7.3	7.5	7.8	7.6	7.7
22	7.4	7.0	7.1	7.5	7.4	7.4	7.7	7.2	7.5	7.6	7.4	7.5
23	7.4	7.0	7.1	8.0	7.4	7.5	7.8	7.2	7.6	8.9	7.3	7.7
24	7.4	7.0	7.2	7.5	7.2	7.4	7.6	7.2	7.3	8.9	7.7	8.5
25	7.5	7.0	7.2	8.2	7.1	7.3	7.4	7.1	7.2	8.8	7.7	8.5
26	7.1	6.8	7.0	7.9	7.2	7.6	7.4	7.2	7.3	8.3	7.5	8.0
27	7.1	6.9	7.0	7.4	7.0	7.2	7.6	7.2	7.4	7.8	7.4	7.5
28	7.2	7.0	7.1	7.4	7.0	7.1	7.6	7.2	7.4	7.9	7.2	7.4
29	7.3	6.7	6.9	7.3	6.9	7.0	7.5	7.2	7.3	8.1	7.7	7.9
30	7.5	6.7	6.8	7.2	6.9	7.0	7.5	7.3	7.3	7.9	7.7	7.8
31	---	---	---	7.4	7.1	7.2	7.5	7.2	7.2	---	---	---
Max	---	---	---	8.2	7.4	7.6	---	---	---	8.9	7.7	8.5
Min	---	---	---	6.9	6.8	6.9	---	---	---	7.3	6.8	7.0

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, BOTTOM
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	8.0	7.8	7.8	7.4	6.8	7.1	---	---	---	---	---	---
2	7.9	7.5	7.7	7.6	7.3	7.5	---	---	---	---	---	---
3	8.0	7.4	7.6	7.6	7.3	7.4	---	---	---	---	---	---
4	8.1	7.4	7.7	7.4	7.1	7.3	---	---	---	---	---	---
5	8.0	7.6	7.6	---	---	---	---	---	---	---	---	---
6	7.8	7.3	7.5	---	---	---	---	---	---	---	---	---
7	7.3	7.1	7.2	---	---	---	---	---	---	---	---	---
8	7.2	7.0	7.1	---	---	---	---	---	---	---	---	---
9	7.1	6.9	7.0	---	---	---	---	---	---	---	---	---
10	7.3	6.8	6.9	---	---	---	---	---	---	---	---	---
11	7.5	6.8	7.2	---	---	---	---	---	---	---	---	---
12	7.3	7.2	7.3	---	---	---	---	---	---	---	---	---
13	7.3	7.2	7.2	---	---	---	---	---	---	---	---	---
14	7.6	7.1	7.3	---	---	---	---	---	---	---	---	---
15	7.5	7.2	7.3	---	---	---	---	---	---	---	---	---
16	7.4	7.1	7.2	---	---	---	---	---	---	---	---	---
17	7.3	7.0	7.1	---	---	---	---	---	---	---	---	---
18	7.2	7.0	7.0	---	---	---	---	---	---	---	---	---
19	7.2	6.8	7.0	---	---	---	---	---	---	---	---	---
20	7.6	7.0	7.1	---	---	---	---	---	---	---	---	---
21	7.5	7.0	7.1	---	---	---	---	---	---	---	---	---
22	7.1	6.8	7.0	---	---	---	---	---	---	---	---	---
23	7.0	6.8	6.8	---	---	---	---	---	---	---	---	---
24	6.9	6.8	6.8	---	---	---	---	---	---	---	---	---
25	7.5	6.8	7.0	---	---	---	---	---	---	---	---	---
26	7.4	7.0	7.3	---	---	---	---	---	---	---	---	---
27	7.2	6.9	7.0	---	---	---	---	---	---	---	---	---
28	7.4	7.1	7.4	---	---	---	---	---	---	---	---	---
29	7.5	7.4	7.4	---	---	---	---	---	---	---	---	---
30	7.4	7.1	7.3	---	---	---	---	---	---	---	---	---
31	7.5	6.9	7.3	---	---	---	---	---	---	---	---	---
Max	8.1	7.8	7.8	---	---	---	---	---	---	---	---	---
Min	6.9	6.8	6.8	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, BOTTOM
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	---	---	---	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS, BOTTOM
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	---	---	---	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS, TOP
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	23.7	22.1	22.8	18.3	15.7	16.4	---	---	---	---	---	---
2	24.3	22.5	23.3	16.7	16.2	16.4	---	---	---	---	---	---
3	25.3	22.6	23.6	16.2	14.6	15.0	---	---	---	---	---	---
4	23.7	22.0	22.9	14.7	13.1	13.9	---	---	---	---	---	---
5	24.2	21.7	22.6	14.2	13.0	13.6	---	---	---	---	---	---
6	23.3	22.0	22.9	---	---	---	---	---	---	---	---	---
7	22.3	21.7	22.0	---	---	---	---	---	---	---	---	---
8	21.8	21.4	21.6	---	---	---	---	---	---	---	---	---
9	21.5	20.5	21.0	---	---	---	---	---	---	---	---	---
10	22.5	21.1	21.8	---	---	---	---	---	---	---	---	---
11	23.2	21.5	22.1	---	---	---	---	---	---	---	---	---
12	22.1	21.5	21.8	---	---	---	---	---	---	---	---	---
13	21.8	20.0	20.8	---	---	---	---	---	---	---	---	---
14	20.2	19.3	19.8	---	---	---	---	---	---	---	---	---
15	20.4	18.7	19.3	---	---	---	---	---	---	---	---	---
16	19.6	18.9	19.2	---	---	---	---	---	---	---	---	---
17	19.8	19.2	19.5	---	---	---	---	---	---	---	---	---
18	20.9	19.4	20.0	---	---	---	---	---	---	---	---	---
19	21.0	20.3	20.6	---	---	---	---	---	---	---	---	---
20	21.0	20.0	20.7	---	---	---	---	---	---	---	---	---
21	20.0	19.0	19.6	---	---	---	---	---	---	---	---	---
22	19.8	19.3	19.5	---	---	---	---	---	---	---	---	---
23	19.4	18.2	18.9	---	---	---	---	---	---	---	---	---
24	18.2	15.4	16.8	---	---	---	---	---	---	---	---	---
25	16.8	15.7	16.1	---	---	---	---	---	---	---	---	---
26	16.4	15.3	15.8	---	---	---	---	---	---	---	---	---
27	16.1	15.6	15.8	---	---	---	---	---	---	---	---	---
28	16.9	16.1	16.4	---	---	---	---	---	---	---	---	---
29	16.2	14.7	15.4	---	---	---	---	---	---	---	---	---
30	16.6	15.2	15.7	---	---	---	---	---	---	---	---	---
31	16.0	15.4	15.8	---	---	---	---	---	---	---	---	---
Month	25.3	14.7	19.8	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS, TOP
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	---	---	---	---	---	---	16.5	15.6	16.0	21.4	19.2	20.3
2	---	---	---	---	---	---	18.0	16.2	16.9	22.3	20.3	21.2
3	---	---	---	---	---	---	18.4	16.9	17.6	21.0	19.8	20.4
4	---	---	---	---	---	---	18.3	17.4	17.8	19.8	18.8	19.2
5	---	---	---	---	---	---	18.0	15.9	16.7	19.5	18.1	18.8
6	---	---	---	---	---	---	16.5	14.9	15.7	19.1	17.1	18.3
7	---	---	---	---	---	---	15.7	13.4	14.7	17.1	16.1	16.6
8	---	---	---	---	---	---	14.5	12.6	13.7	17.2	15.8	16.4
9	---	---	---	---	---	---	14.3	13.2	13.7	18.3	16.8	17.5
10	---	---	---	---	---	---	15.0	12.8	13.8	20.8	18.1	19.1
11	---	---	---	---	---	---	14.3	13.0	13.3	26.6	19.9	21.5
12	---	---	---	---	---	---	14.7	13.4	14.1	22.4	19.7	20.4
13	---	---	---	---	---	---	15.1	13.6	14.4	21.6	19.6	20.6
14	---	---	---	---	---	---	14.9	14.2	14.5	20.9	18.9	19.8
15	---	---	---	---	---	---	15.6	14.6	15.0	21.4	19.5	20.4
16	---	---	---	---	---	---	15.2	13.8	14.7	21.3	19.7	20.6
17	---	---	---	---	---	---	14.9	13.9	14.4	20.9	20.4	20.6
18	---	---	---	---	---	---	15.0	14.0	14.5	20.5	19.2	19.9
19	---	---	---	---	---	---	14.7	13.9	14.4	20.3	18.5	19.4
20	---	---	---	---	---	---	15.8	13.8	14.6	20.4	18.9	19.7
21	---	---	---	12.5	10.8	11.6	16.4	14.4	15.0	21.7	19.6	20.4
22	---	---	---	12.1	10.6	11.3	18.6	14.9	16.1	21.9	20.8	21.5
23	---	---	---	13.3	11.2	12.3	17.1	16.3	16.8	22.0	21.1	21.5
24	---	---	---	15.2	12.9	13.5	17.6	16.4	17.0	22.6	21.0	21.9
25	---	---	---	15.5	13.7	14.7	18.3	16.8	17.6	25.3	21.6	22.9
26	---	---	---	16.0	13.8	15.0	18.8	17.9	18.3	25.3	22.2	23.4
27	---	---	---	16.6	15.3	15.8	19.8	18.5	19.0	26.4	21.4	22.5
28	---	---	---	17.3	15.8	16.4	19.9	19.1	19.4	23.9	21.4	22.5
29	---	---	---	16.7	15.1	15.7	20.5	18.7	19.4	25.5	22.5	24.0
30	---	---	---	16.8	14.7	15.7	20.2	18.6	19.6	25.6	24.3	25.0
31	---	---	---	16.4	14.9	15.6	---	---	---	---	---	---
Month	---	---	---	---	---	---	20.5	12.6	16.0	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS, TOP
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	---	---	---	27.7	27.2	27.5	---	---	---	29.0	27.6	28.2
2	---	---	---	28.2	26.8	27.4	---	---	---	27.6	26.5	26.9
3	---	---	---	28.1	26.9	27.4	---	---	---	28.0	25.9	26.7
4	---	---	---	27.9	26.2	26.9	---	---	---	28.3	26.6	27.3
5	---	---	---	26.9	25.4	26.1	---	---	---	28.9	27.0	27.6
6	---	---	---	28.4	25.5	26.7	---	---	---	28.8	27.8	28.2
7	27.3	25.3	26.0	29.6	27.3	28.2	---	---	---	28.6	28.0	28.3
8	27.4	24.7	25.9	30.6	27.2	28.3	---	---	---	28.3	27.7	28.0
9	27.6	25.5	26.4	29.7	26.6	27.6	---	---	---	28.0	26.9	27.4
10	27.4	26.4	26.9	30.8	27.4	28.6	---	---	---	29.5	27.2	27.9
11	27.3	25.9	26.4	29.3	28.2	28.7	---	---	---	28.4	26.5	27.3
12	27.2	25.7	26.4	30.6	27.5	28.7	---	---	---	27.3	26.7	27.0
13	26.7	25.8	26.2	29.4	28.6	29.0	---	---	---	27.2	26.4	26.8
14	25.9	23.8	24.8	30.0	28.1	28.8	---	---	---	26.7	25.9	26.3
15	24.6	23.1	23.9	30.0	27.6	28.5	---	---	---	26.4	25.5	25.9
16	25.6	23.6	24.0	29.3	26.9	28.0	---	---	---	25.5	23.7	24.4
17	25.6	23.5	24.2	29.7	26.7	28.3	28.4	27.7	28.1	23.7	22.4	23.0
18	28.7	23.9	25.5	29.4	27.4	28.4	28.8	27.5	28.1	22.7	21.5	22.1
19	27.6	23.8	25.8	30.2	28.2	29.0	29.0	27.3	28.1	22.7	21.8	22.3
20	26.6	24.6	25.6	29.5	28.3	29.0	29.2	26.9	27.8	22.6	22.0	22.3
21	27.4	25.8	26.6	28.3	26.7	27.5	31.0	27.3	28.6	23.8	22.5	23.0
22	28.1	26.1	26.8	26.7	25.6	26.1	29.2	28.1	28.6	24.6	23.2	23.6
23	28.1	26.4	27.0	27.9	24.8	25.9	29.8	27.9	28.8	26.0	23.9	24.7
24	28.0	27.1	27.5	28.2	25.7	26.8	30.5	28.7	29.3	26.2	24.8	25.3
25	28.6	27.2	27.7	28.1	26.9	27.5	30.8	28.8	29.6	26.0	24.7	25.3
26	29.5	26.5	27.6	28.7	27.1	27.7	30.4	28.3	29.0	26.7	24.8	25.5
27	28.0	26.2	26.8	30.3	27.9	28.6	29.8	28.8	29.2	26.1	24.8	25.5
28	27.9	25.9	26.8	30.5	26.9	28.1	29.3	28.6	28.9	25.8	25.0	25.5
29	27.9	26.3	27.0	29.2	27.2	27.7	29.4	27.9	28.5	25.2	23.7	24.3
30	27.9	26.4	27.1	28.6	27.1	28.0	28.9	27.6	28.2	23.7	22.7	23.2
31	---	---	---	28.6	27.8	28.1	29.3	27.6	28.4	---	---	---
Month	---	---	---	30.8	24.8	27.8	---	---	---	29.5	21.5	25.7

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS, TOP
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	22.9	21.8	22.4	20.7	18.2	19.1	---	---	---	---	---	---
2	23.3	22.3	22.8	19.2	17.1	18.1	---	---	---	---	---	---
3	24.2	22.9	23.5	17.8	16.8	17.2	---	---	---	---	---	---
4	25.2	24.1	24.7	17.2	15.8	16.6	---	---	---	---	---	---
5	25.2	24.3	24.7	---	---	---	---	---	---	---	---	---
6	26.4	24.6	25.4	---	---	---	---	---	---	---	---	---
7	27.1	25.2	26.0	---	---	---	---	---	---	---	---	---
8	26.6	25.5	25.9	---	---	---	---	---	---	---	---	---
9	26.9	25.4	26.1	---	---	---	---	---	---	---	---	---
10	26.2	25.0	25.5	---	---	---	---	---	---	---	---	---
11	25.4	24.0	24.5	---	---	---	---	---	---	---	---	---
12	24.1	22.2	22.8	---	---	---	---	---	---	---	---	---
13	22.4	21.2	21.8	---	---	---	---	---	---	---	---	---
14	22.1	20.5	21.2	---	---	---	---	---	---	---	---	---
15	21.9	20.9	21.4	---	---	---	---	---	---	---	---	---
16	22.2	21.0	21.5	---	---	---	---	---	---	---	---	---
17	23.1	21.5	22.1	---	---	---	---	---	---	---	---	---
18	22.8	22.2	22.5	---	---	---	---	---	---	---	---	---
19	23.3	22.5	22.7	---	---	---	---	---	---	---	---	---
20	23.3	22.3	22.8	---	---	---	---	---	---	---	---	---
21	22.9	21.9	22.4	---	---	---	---	---	---	---	---	---
22	23.1	21.8	22.3	---	---	---	---	---	---	---	---	---
23	23.4	22.1	22.7	---	---	---	---	---	---	---	---	---
24	23.7	22.7	23.1	---	---	---	---	---	---	---	---	---
25	23.8	23.2	23.4	---	---	---	---	---	---	---	---	---
26	23.4	23.0	23.2	---	---	---	---	---	---	---	---	---
27	23.2	22.7	23.0	---	---	---	---	---	---	---	---	---
28	22.7	20.3	21.6	---	---	---	---	---	---	---	---	---
29	20.3	18.7	19.2	---	---	---	---	---	---	---	---	---
30	19.0	17.6	18.4	---	---	---	---	---	---	---	---	---
31	18.6	17.9	18.3	---	---	---	---	---	---	---	---	---
Month	27.1	17.6	22.8	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS, TOP
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	---	---	---	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS, TOP
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	---	---	---	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS, BOTTOM
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	23.5	22.1	22.7	16.6	15.6	16.0	---	---	---	---	---	---
2	23.8	22.5	22.9	16.6	15.8	16.3	---	---	---	---	---	---
3	23.3	22.2	22.8	16.2	14.6	15.0	---	---	---	---	---	---
4	23.0	22.0	22.4	14.6	13.1	13.8	---	---	---	---	---	---
5	22.9	21.7	22.4	14.2	13.0	13.5	---	---	---	---	---	---
6	23.2	22.0	22.8	---	---	---	---	---	---	---	---	---
7	22.3	21.5	21.9	---	---	---	---	---	---	---	---	---
8	21.8	21.4	21.5	---	---	---	---	---	---	---	---	---
9	21.5	20.5	21.0	---	---	---	---	---	---	---	---	---
10	22.4	21.1	21.7	---	---	---	---	---	---	---	---	---
11	22.1	21.4	21.6	---	---	---	---	---	---	---	---	---
12	22.1	21.4	21.7	---	---	---	---	---	---	---	---	---
13	21.8	20.0	20.7	---	---	---	---	---	---	---	---	---
14	20.2	19.3	19.8	---	---	---	---	---	---	---	---	---
15	19.5	18.7	19.1	---	---	---	---	---	---	---	---	---
16	19.6	18.9	19.1	---	---	---	---	---	---	---	---	---
17	19.7	19.0	19.4	---	---	---	---	---	---	---	---	---
18	20.3	19.4	19.7	---	---	---	---	---	---	---	---	---
19	20.8	19.9	20.4	---	---	---	---	---	---	---	---	---
20	21.0	19.9	20.7	---	---	---	---	---	---	---	---	---
21	20.0	19.0	19.5	---	---	---	---	---	---	---	---	---
22	19.6	19.2	19.4	---	---	---	---	---	---	---	---	---
23	19.4	18.2	18.9	---	---	---	---	---	---	---	---	---
24	18.2	15.4	16.8	---	---	---	---	---	---	---	---	---
25	16.8	15.3	16.1	---	---	---	---	---	---	---	---	---
26	16.2	15.3	15.7	---	---	---	---	---	---	---	---	---
27	16.0	15.6	15.8	---	---	---	---	---	---	---	---	---
28	16.8	16.0	16.4	---	---	---	---	---	---	---	---	---
29	16.2	14.7	15.4	---	---	---	---	---	---	---	---	---
30	16.2	14.6	15.2	---	---	---	---	---	---	---	---	---
31	16.0	15.1	15.7	---	---	---	---	---	---	---	---	---
Month	23.8	14.6	19.7	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS, BOTTOM
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	---	---	---	---	---	---	16.4	15.2	15.8	21.3	18.7	19.9
2	---	---	---	---	---	---	17.1	16.0	16.3	21.1	20.3	20.7
3	---	---	---	---	---	---	18.3	16.5	17.2	20.9	19.7	20.4
4	---	---	---	---	---	---	18.2	17.0	17.5	19.7	18.8	19.2
5	---	---	---	---	---	---	17.9	15.8	16.5	19.0	18.1	18.5
6	---	---	---	---	---	---	16.4	14.8	15.4	18.9	17.1	18.3
7	---	---	---	---	---	---	15.6	13.3	14.6	17.1	16.0	16.6
8	---	---	---	---	---	---	14.4	12.4	13.6	17.2	15.7	16.4
9	---	---	---	---	---	---	14.0	13.1	13.5	18.2	16.7	17.4
10	---	---	---	---	---	---	14.3	12.7	13.3	20.5	18.1	18.7
11	---	---	---	---	---	---	14.2	12.9	13.2	20.5	18.6	18.8
12	---	---	---	---	---	---	14.6	13.2	14.0	21.2	18.4	18.9
13	---	---	---	---	---	---	14.9	13.5	14.3	21.2	19.6	20.3
14	---	---	---	---	---	---	14.8	14.1	14.4	20.8	18.9	19.6
15	---	---	---	---	---	---	15.5	14.5	14.9	21.2	19.5	20.3
16	---	---	---	---	---	---	15.1	13.7	14.5	21.2	19.7	20.6
17	---	---	---	---	---	---	14.7	13.8	14.2	20.9	20.4	20.6
18	---	---	---	---	---	---	14.8	13.9	14.3	20.5	19.2	19.9
19	---	---	---	---	---	---	14.6	13.7	14.2	20.2	18.5	19.3
20	---	---	---	---	---	---	15.2	13.7	14.2	20.2	18.9	19.6
21	---	---	---	12.3	10.7	11.4	15.5	14.1	14.5	21.5	19.6	20.3
22	---	---	---	12.0	10.4	11.0	16.9	14.8	15.3	21.9	20.8	21.4
23	---	---	---	12.9	11.1	11.9	16.9	15.6	16.4	22.0	20.9	21.4
24	---	---	---	14.8	12.5	13.0	17.1	16.0	16.4	22.6	21.0	21.8
25	---	---	---	15.4	13.3	14.2	18.2	16.7	17.3	23.9	21.5	21.9
26	---	---	---	15.7	13.6	14.5	18.7	17.8	18.2	23.8	21.3	21.9
27	---	---	---	15.7	14.7	15.2	19.5	18.4	18.8	22.3	21.3	21.6
28	---	---	---	16.8	14.9	15.9	19.7	18.9	19.2	22.1	21.4	21.7
29	---	---	---	16.6	15.0	15.6	19.6	18.6	19.1	25.4	21.9	23.4
30	---	---	---	15.9	14.6	15.1	20.0	18.4	19.3	25.5	24.3	24.9
31	---	---	---	15.8	14.8	15.2	---	---	---	---	---	---
Month	---	---	---	---	---	---	20.0	12.4	15.7	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

**TEMPERATURE, WATER, DEGREES CELSIUS, BOTTOM
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	---	---	---	27.7	25.6	27.0	---	---	---	28.3	27.5	27.9
2	---	---	---	27.3	26.5	26.9	29.6	28.3	28.8	27.5	26.4	26.8
3	---	---	---	27.2	26.2	26.7	29.1	28.4	28.6	27.4	25.7	26.3
4	---	---	---	27.1	26.0	26.3	28.4	27.8	28.1	27.0	26.3	26.6
5	---	---	---	26.8	25.3	26.0	28.8	27.8	28.2	28.2	26.3	26.9
6	---	---	---	27.2	25.5	26.3	28.6	28.2	28.4	28.7	27.0	27.9
7	26.1	25.0	25.5	27.9	26.6	27.0	---	---	---	28.6	27.4	28.2
8	25.6	24.7	25.2	27.0	26.6	26.8	30.1	28.7	29.2	28.4	27.7	28.0
9	27.3	25.1	26.1	27.7	26.6	27.0	---	---	---	28.0	26.9	27.4
10	27.2	26.4	26.8	29.5	26.9	27.5	---	---	---	28.7	27.0	27.3
11	26.4	25.9	26.0	27.8	26.5	26.9	---	---	---	28.0	26.5	27.2
12	27.1	25.5	26.1	28.5	26.4	27.5	29.7	28.1	28.8	27.4	26.8	27.0
13	26.7	25.8	26.2	29.0	27.3	28.5	29.1	28.2	28.4	27.1	26.3	26.8
14	25.9	23.8	24.8	28.8	27.8	28.2	29.7	28.1	28.7	26.4	25.8	26.1
15	24.6	23.1	23.7	27.8	27.3	27.6	29.3	27.9	28.3	26.3	25.5	25.9
16	24.2	23.2	23.6	27.6	26.9	27.0	28.8	27.8	28.2	25.5	23.7	24.4
17	24.0	23.4	23.6	28.0	26.8	27.0	28.4	27.6	28.0	23.7	22.5	23.0
18	24.4	23.4	23.6	27.6	27.0	27.1	28.6	27.3	27.9	22.6	21.6	22.1
19	24.9	23.5	24.0	27.6	26.9	27.0	28.2	27.1	27.6	22.7	21.8	22.3
20	25.7	24.0	24.9	29.5	27.0	28.1	27.7	26.9	27.3	22.6	22.0	22.3
21	27.2	25.0	26.2	28.3	26.7	27.5	29.0	27.2	27.7	23.4	22.5	22.9
22	27.4	26.0	26.5	26.7	25.6	26.1	29.0	28.1	28.6	23.4	23.2	23.3
23	27.5	26.4	26.8	26.6	24.9	25.7	29.4	27.9	28.5	25.7	23.0	23.6
24	27.9	26.5	27.1	26.8	26.0	26.4	29.0	28.6	28.7	25.3	24.2	24.8
25	28.0	26.8	27.1	28.0	26.5	27.0	28.9	28.4	28.6	25.6	24.5	24.9
26	27.8	26.2	26.5	28.4	27.0	27.4	28.8	28.1	28.4	25.3	24.6	24.8
27	26.6	25.9	26.3	28.0	27.3	27.7	29.4	28.6	29.0	25.4	24.6	24.8
28	27.2	25.8	26.5	28.0	26.9	27.2	29.2	28.5	28.8	25.8	24.6	25.1
29	27.2	25.8	26.4	27.6	26.7	27.0	29.0	27.8	28.3	25.2	23.6	24.3
30	27.4	25.5	25.9	28.1	27.0	27.2	28.4	27.7	28.0	23.6	22.7	23.2
31	---	---	---	28.6	27.4	28.0	28.7	27.6	28.0	---	---	---
Month	---	---	---	29.5	24.9	27.1	---	---	---	28.7	21.6	25.4

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS, BOTTOM
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	22.9	21.8	22.3	18.9	18.3	18.6	---	---	---	---	---	---
2	23.3	22.3	22.8	19.1	17.0	18.0	---	---	---	---	---	---
3	24.3	22.9	23.4	17.6	16.6	17.1	---	---	---	---	---	---
4	25.1	23.8	24.4	17.1	16.5	16.9	---	---	---	---	---	---
5	25.0	24.2	24.6	---	---	---	---	---	---	---	---	---
6	25.8	24.5	24.9	---	---	---	---	---	---	---	---	---
7	24.8	24.6	24.6	---	---	---	---	---	---	---	---	---
8	25.3	24.6	24.9	---	---	---	---	---	---	---	---	---
9	25.1	24.9	25.0	---	---	---	---	---	---	---	---	---
10	25.0	24.9	24.9	---	---	---	---	---	---	---	---	---
11	24.9	23.9	24.5	---	---	---	---	---	---	---	---	---
12	24.0	22.0	22.6	---	---	---	---	---	---	---	---	---
13	22.3	21.4	21.6	---	---	---	---	---	---	---	---	---
14	21.8	20.8	21.2	---	---	---	---	---	---	---	---	---
15	21.6	21.1	21.4	---	---	---	---	---	---	---	---	---
16	21.7	21.1	21.3	---	---	---	---	---	---	---	---	---
17	22.5	21.4	21.7	---	---	---	---	---	---	---	---	---
18	22.6	21.8	22.2	---	---	---	---	---	---	---	---	---
19	22.6	22.4	22.5	---	---	---	---	---	---	---	---	---
20	23.2	22.1	22.6	---	---	---	---	---	---	---	---	---
21	22.7	22.1	22.4	---	---	---	---	---	---	---	---	---
22	22.7	22.2	22.3	---	---	---	---	---	---	---	---	---
23	22.5	22.4	22.5	---	---	---	---	---	---	---	---	---
24	23.0	22.5	22.7	---	---	---	---	---	---	---	---	---
25	23.5	22.7	23.1	---	---	---	---	---	---	---	---	---
26	23.2	23.0	23.1	---	---	---	---	---	---	---	---	---
27	23.1	22.8	23.1	---	---	---	---	---	---	---	---	---
28	22.9	20.2	21.6	---	---	---	---	---	---	---	---	---
29	20.2	18.6	19.1	---	---	---	---	---	---	---	---	---
30	19.1	18.1	18.5	---	---	---	---	---	---	---	---	---
31	18.7	18.2	18.4	---	---	---	---	---	---	---	---	---
Month	25.8	18.1	22.6	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS, BOTTOM
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	---	---	---	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS, BOTTOM
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	---	---	---	---	---	---	---	---	---	---	---	---
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17	---	---	---	---	---	---	---	---	---	---	---	---
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30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, TOP
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	8.1	7.1	7.7	---	---	---	---	---	---	---	---	---
2	8.8	6.8	7.7	---	---	---	---	---	---	---	---	---
3	10.0	7.4	8.1	---	---	---	---	---	---	---	---	---
4	10.1	7.9	8.8	---	---	---	---	---	---	---	---	---
5	9.3	8.4	8.8	---	---	---	---	---	---	---	---	---
6	8.8	7.0	7.7	---	---	---	---	---	---	---	---	---
7	8.5	7.5	7.8	---	---	---	---	---	---	---	---	---
8	9.1	8.4	8.8	---	---	---	---	---	---	---	---	---
9	9.4	8.2	9.0	---	---	---	---	---	---	---	---	---
10	9.3	7.8	8.5	---	---	---	---	---	---	---	---	---
11	9.2	7.8	8.3	---	---	---	---	---	---	---	---	---
12	9.4	8.0	8.7	---	---	---	---	---	---	---	---	---
13	9.2	7.8	8.4	---	---	---	---	---	---	---	---	---
14	8.0	7.7	7.8	---	---	---	---	---	---	---	---	---
15	8.3	7.6	7.9	---	---	---	---	---	---	---	---	---
16	8.8	7.8	8.2	---	---	---	---	---	---	---	---	---
17	8.7	7.9	8.1	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
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31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, TOP
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	---	---	---	---	---	---	8.2	7.7	8.0	7.5	5.7	6.4
2	---	---	---	---	---	---	8.5	7.7	8.2	7.8	7.0	7.4
3	---	---	---	---	---	---	8.5	7.8	8.2	7.4	6.0	6.9
4	---	---	---	---	---	---	8.3	8.2	8.3	7.7	6.0	6.6
5	---	---	---	---	---	---	8.9	8.3	8.6	7.6	5.2	6.0
6	---	---	---	---	---	---	9.0	8.4	8.9	9.2	5.4	7.6
7	---	---	---	---	---	---	9.3	8.6	8.9	9.3	8.5	9.1
8	---	---	---	---	---	---	9.3	8.8	9.0	9.6	8.8	9.3
9	---	---	---	---	---	---	9.3	8.9	9.0	9.3	8.0	8.5
10	---	---	---	---	---	---	9.2	8.9	9.0	8.6	6.7	7.5
11	---	---	---	---	---	---	9.4	9.0	9.1	9.8	7.7	8.2
12	---	---	---	---	---	---	9.3	8.9	9.1	10.2	6.3	7.8
13	---	---	---	---	---	---	9.1	8.6	8.9	9.9	7.9	8.4
14	---	---	---	---	---	---	8.9	8.5	8.8	8.4	7.5	8.1
15	---	---	---	---	---	---	9.0	8.6	8.8	9.3	7.1	8.2
16	---	---	---	---	---	---	9.2	8.2	8.6	10.0	8.8	9.5
17	---	---	---	---	---	---	9.0	7.6	7.9	9.7	7.6	9.0
18	---	---	---	---	---	---	8.4	7.8	8.0	9.0	7.6	8.4
19	---	---	---	---	---	---	8.4	8.0	8.2	8.8	7.4	8.1
20	---	---	---	---	---	---	8.4	8.0	8.2	8.7	7.8	8.3
21	---	---	---	10.8	10.3	10.5	8.4	8.2	8.3	9.0	7.3	8.4
22	---	---	---	10.6	10.2	10.5	8.9	8.2	8.4	8.6	7.3	7.9
23	---	---	---	10.4	10.1	10.3	8.7	8.0	8.3	9.0	7.8	8.2
24	---	---	---	10.2	9.7	10	8.8	8.1	8.5	9.0	7.6	8.3
25	---	---	---	9.9	9.4	9.6	8.4	7.3	7.9	8.5	7.5	7.9
26	---	---	---	9.7	9.1	9.3	8.7	6.5	7.6	11.6	8.0	9.4
27	---	---	---	9.3	8.8	9.1	7.9	6.5	7.4	10.7	8.8	9.4
28	---	---	---	9.3	8.5	9.0	7.5	5.1	6.2	9.1	8.2	8.6
29	---	---	---	8.9	7.9	8.6	6.2	5.1	5.6	9.0	7.8	8.5
30	---	---	---	9.0	7.7	8.0	5.9	5.1	5.6	8.9	7.6	8.1
31	---	---	---	8.3	8.0	8.1	---	---	---	---	---	---
Month	---	---	---	---	---	---	9.4	5.1	8.2	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, TOP
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	---	---	---	7.9	6.2	7.2	---	---	---	---	---	---
2	---	---	---	8.7	6.4	7.2	8.8	5.8	7.3	---	---	---
3	---	---	---	8.8	6.3	7.3	---	---	---	---	---	---
4	---	---	---	9.0	7.3	7.9	---	---	---	---	---	---
5	---	---	---	8.5	7.3	7.9	9.2	5.1	7.0	10.2	6.1	8.2
6	---	---	---	8.9	7.4	8.2	---	---	---	9.1	5.5	7.3
7	9.8	8.2	8.7	9.2	7.2	8.2	---	---	---	7.2	5.7	6.4
8	9.6	8.2	8.8	9.7	7.2	8.5	---	---	---	7.5	5.9	6.6
9	10.3	8.0	8.8	8.7	6.1	6.9	---	---	---	7.6	6.8	7.2
10	9.4	8.4	8.9	8.6	6.9	7.7	---	---	---	9.2	6.8	7.5
11	11.4	8.1	9.3	8.0	6.0	7.4	---	---	---	8.2	6.0	7.4
12	10.7	8.1	9.4	9.2	6.1	7.4	9.7	6.6	7.6	7.9	6.9	7.5
13	10.7	8.7	9.0	8.3	6.7	7.5	---	---	---	7.7	6.6	7.2
14	9.2	8.5	8.9	9.2	6.9	7.9	---	---	---	7.8	6.9	7.3
15	9.6	8.4	9.0	8.4	5.7	7.0	---	---	---	8.6	7.5	7.9
16	---	---	---	8.4	4.1	6.0	---	---	---	8.5	7.9	8.2
17	---	---	---	8.2	3.3	6.5	8.1	6.4	7.2	8.8	8.3	8.5
18	---	---	---	8.1	5.2	7.2	8.5	6.0	7.6	8.9	8.5	8.7
19	---	---	---	9.1	7.4	8.3	---	---	---	8.8	8.4	8.6
20	---	---	---	8.7	7.7	8.2	---	---	---	8.9	8.4	8.6
21	---	---	---	8.0	7.1	7.7	---	---	---	8.9	8.2	8.6
22	---	---	---	8.3	7.5	7.9	---	---	---	9.8	8.0	8.8
23	---	---	---	9.7	7.7	8.6	---	---	---	10.8	7.5	9.0
24	---	---	---	10.6	7.6	9.0	---	---	---	11.1	9.0	10.1
25	---	---	---	10.5	7.8	9.3	---	---	---	10.3	7.9	9.3
26	---	---	---	9.7	7.7	8.7	---	---	---	10.5	8.1	9.3
27	6.9	5.5	6.0	9.6	7.2	8.5	---	---	---	9.7	6.7	8.2
28	6.8	5.7	6.4	9.8	5.5	7.2	---	---	---	8.5	7.1	7.9
29	7.2	5.8	6.4	9.9	6.4	7.2	---	---	---	8.8	7.9	8.3
30	8.0	5.7	7.1	8.7	5.9	7.7	---	---	---	8.7	8.1	8.4
31	---	---	---	8.1	6.2	7.1	---	---	---	---	---	---
Month	---	---	---	10.6	3.3	7.7	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, BOTTOM
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	9.0	8.4	8.7	9.6	6.4	7.9	---	---	---	---	---	---
2	8.8	7.8	8.5	9.4	7.9	9.1	---	---	---	---	---	---
3	9.7	7.9	8.5	---	---	---	---	---	---	---	---	---
4	9.7	7.7	8.5	---	---	---	---	---	---	---	---	---
5	8.8	8.1	8.4	---	---	---	---	---	---	---	---	---
6	9.7	8.0	8.5	---	---	---	---	---	---	---	---	---
7	9.1	7.0	8.0	---	---	---	---	---	---	---	---	---
8	10.0	6.8	8.5	---	---	---	---	---	---	---	---	---
9	10.0	6.8	8.7	---	---	---	---	---	---	---	---	---
10	10.0	5.5	8.1	---	---	---	---	---	---	---	---	---
11	7.8	5.7	6.6	---	---	---	---	---	---	---	---	---
12	8.1	6.5	7.4	---	---	---	---	---	---	---	---	---
13	8.1	7.0	7.5	---	---	---	---	---	---	---	---	---
14	9.5	7.2	8.3	---	---	---	---	---	---	---	---	---
15	9.5	7.8	8.6	---	---	---	---	---	---	---	---	---
16	9.3	8.0	8.6	---	---	---	---	---	---	---	---	---
17	8.9	7.7	8.4	---	---	---	---	---	---	---	---	---
18	8.5	5.2	7.3	---	---	---	---	---	---	---	---	---
19	7.3	5.1	5.9	---	---	---	---	---	---	---	---	---
20	7.9	5.3	6.8	---	---	---	---	---	---	---	---	---
21	9.1	6.3	7.7	---	---	---	---	---	---	---	---	---
22	8.1	6.0	6.8	---	---	---	---	---	---	---	---	---
23	7.7	3.9	6.5	---	---	---	---	---	---	---	---	---
24	6.7	2.1	5.4	---	---	---	---	---	---	---	---	---
25	8.4	6.4	7.4	---	---	---	---	---	---	---	---	---
26	7.8	6.4	7.3	---	---	---	---	---	---	---	---	---
27	6.8	5.2	6.2	---	---	---	---	---	---	---	---	---
28	8.3	6.5	7.6	---	---	---	---	---	---	---	---	---
29	9.2	8.1	8.6	---	---	---	---	---	---	---	---	---
30	9.3	7.4	8.6	---	---	---	---	---	---	---	---	---
31	9.8	8.3	8.7	---	---	---	---	---	---	---	---	---
Month	10.0	2.1	7.8	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, BOTTOM
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	---	---	---	---	---	---	---	---	---	---	---	---
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9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
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30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, BOTTOM
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	---	---	---	---	---	---	---	---	---	---	---	---
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11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, BOTTOM
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	7.6	6.6	7.2	10.0	8.9	9.7	---	---	---	---	---	---
2	7.6	6.2	6.8	9.7	8.1	9.1	---	---	---	---	---	---
3	8.5	6.7	7.5	9.8	7.9	8.9	---	---	---	---	---	---
4	8.2	7.0	7.8	10.3	8.0	9.1	---	---	---	---	---	---
5	8.6	7.7	8.2	9.8	8.1	9.0	---	---	---	---	---	---
6	8.4	6.6	7.3	---	---	---	---	---	---	---	---	---
7	8.1	7.0	7.3	---	---	---	---	---	---	---	---	---
8	8.6	8.0	8.3	---	---	---	---	---	---	---	---	---
9	9.0	7.8	8.6	---	---	---	---	---	---	---	---	---
10	8.8	7.3	8.1	---	---	---	---	---	---	---	---	---
11	7.6	7.0	7.4	---	---	---	---	---	---	---	---	---
12	8.9	7.6	8.2	---	---	---	---	---	---	---	---	---
13	8.7	7.4	8.0	---	---	---	---	---	---	---	---	---
14	7.6	7.3	7.4	---	---	---	---	---	---	---	---	---
15	7.9	7.3	7.6	---	---	---	---	---	---	---	---	---
16	8.4	7.5	7.9	---	---	---	---	---	---	---	---	---
17	8.4	7.5	7.8	---	---	---	---	---	---	---	---	---
18	8.0	7.1	7.7	---	---	---	---	---	---	---	---	---
19	7.9	7.0	7.4	---	---	---	---	---	---	---	---	---
20	8.3	7.1	7.8	---	---	---	---	---	---	---	---	---
21	8.5	7.1	7.8	---	---	---	---	---	---	---	---	---
22	7.2	6.4	6.7	---	---	---	---	---	---	---	---	---
23	7.7	6.4	6.8	---	---	---	---	---	---	---	---	---
24	9.2	6.8	7.7	---	---	---	---	---	---	---	---	---
25	8.3	6.8	7.3	---	---	---	---	---	---	---	---	---
26	7.6	7.1	7.4	---	---	---	---	---	---	---	---	---
27	8.3	7.6	8.0	---	---	---	---	---	---	---	---	---
28	9.3	8.2	8.8	---	---	---	---	---	---	---	---	---
29	10.5	8.5	9.4	---	---	---	---	---	---	---	---	---
30	10.0	9.1	9.7	---	---	---	---	---	---	---	---	---
31	10.0	9.8	9.9	---	---	---	---	---	---	---	---	---
Month	10.5	6.2	7.9	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, BOTTOM
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	---	---	---	---	---	---	8.5	8.0	8.3	7.8	5.6	6.7
2	---	---	---	---	---	---	9.2	8.0	8.7	8.1	7.4	7.7
3	---	---	---	---	---	---	8.8	7.8	8.3	7.8	6.3	7.3
4	---	---	---	---	---	---	8.7	8.5	8.5	8.0	6.4	7.0
5	---	---	---	---	---	---	9.2	8.6	8.9	8.0	5.8	6.6
6	---	---	---	---	---	---	9.2	8.7	9.0	9.7	5.8	8.0
7	---	---	---	---	---	---	9.7	8.9	9.2	9.9	8.9	9.6
8	---	---	---	---	---	---	9.5	9.0	9.3	10.1	9.3	9.8
9	---	---	---	---	---	---	9.5	9.2	9.3	9.8	8.1	8.9
10	---	---	---	---	---	---	9.5	9.1	9.2	9.0	6.4	7.7
11	---	---	---	---	---	---	9.7	9.3	9.4	7.9	5.9	6.4
12	---	---	---	---	---	---	9.6	9.2	9.4	9.8	5.3	6.5
13	---	---	---	---	---	---	9.4	8.9	9.2	9.7	6.9	8.4
14	---	---	---	---	---	---	9.3	8.9	9.1	8.6	7.3	8.2
15	---	---	---	---	---	---	9.5	9.0	9.2	9.4	7.3	8.3
16	---	---	---	---	---	---	9.6	8.7	9.0	10.2	9.0	9.7
17	---	---	---	---	---	---	9.3	8.0	8.4	9.9	7.8	9.2
18	---	---	---	---	---	---	8.9	8.3	8.6	9.3	7.8	8.6
19	---	---	---	---	---	---	9.1	8.4	8.7	9.1	7.6	8.4
20	---	---	---	---	---	---	9.1	8.6	8.8	8.9	8.1	8.5
21	---	---	---	10.9	10.4	10.7	9.1	8.6	8.8	9.2	7.6	8.8
22	---	---	---	10.8	10.4	10.6	9.3	8.6	8.9	8.8	7.5	8.1
23	---	---	---	10.6	10.2	10.4	9.3	8.1	8.7	9.2	7.9	8.5
24	---	---	---	10.4	9.7	10.1	9.3	8.3	8.8	8.9	7.9	8.5
25	---	---	---	10.1	9.6	9.8	8.9	7.3	8.1	8.3	7.2	7.8
26	---	---	---	9.9	9.0	9.5	9.5	7.1	8.3	8.9	6.9	8.1
27	---	---	---	9.7	9.2	9.5	8.7	7.2	8.0	9.4	8.6	9.0
28	---	---	---	9.5	8.2	8.9	8.2	5.9	6.7	8.8	7.9	8.4
29	---	---	---	9.2	8.1	8.9	7.0	5.6	6.0	9.2	7.1	8.2
30	---	---	---	9.2	7.5	8.1	6.6	5.6	6.1	8.8	7.3	8.0
31	---	---	---	8.6	8.2	8.4	---	---	---	---	---	---
Month	---	---	---	---	---	---	9.7	5.6	8.6	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, BOTTOM
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	---	---	---	---	---	---	---	---	---	9.4	4.5	7.8
2	---	---	---	---	---	---	8.4	6.2	7.4	9.5	5.8	8.5
3	---	---	---	---	---	---	7.4	4.6	5.6	10.4	7.7	9.1
4	---	---	---	---	---	---	5.2	3.9	4.6	10.3	5.6	8.5
5	---	---	---	---	---	---	6.4	3.3	4.9	9.4	3.4	6.1
6	---	---	---	---	---	---	6.5	5.6	6.2	---	---	---
7	8.7	8.0	8.2	---	---	---	---	---	---	---	---	---
8	8.1	7.5	7.8	---	---	---	7.9	4.8	6.1	---	---	---
9	9.0	7.0	7.8	---	---	---	---	---	---	---	---	---
10	8.5	6.4	8.1	---	---	---	---	---	---	---	---	---
11	8.2	7.1	7.7	---	---	---	---	---	---	---	---	---
12	8.9	7.0	7.7	---	---	---	8.1	5.6	6.5	---	---	---
13	8.5	7.5	8.0	---	---	---	7.0	3.8	5.5	---	---	---
14	8.3	7.5	7.9	---	---	---	8.4	3.2	5.9	---	---	---
15	8.8	6.8	7.9	---	---	---	7.0	5.4	6.1	---	---	---
16	8.9	7.7	8.1	---	---	---	7.2	4.8	6.1	---	---	---
17	8.7	7.2	8.2	---	---	---	7.5	6.2	6.9	---	---	---
18	8.2	5.8	7.0	3.8	0.8	1.6	8.6	6.8	7.6	---	---	---
19	7.7	6.2	6.7	2.6	0.6	1.0	8.0	6.1	7.1	8.8	8.3	8.5
20	7.5	5.4	6.4	8.8	0.8	4.8	8.2	6.9	7.5	8.9	7.7	8.7
21	7.9	5.8	6.8	7.9	7.3	7.7	8.8	6.3	7.7	9.5	8.7	9.1
22	8.2	6.1	7.2	8.2	7.6	7.9	8.5	6.4	7.6	9.0	7.8	8.5
23	8.5	6.1	7.1	9.6	7.6	8.3	8.4	6.4	7.6	---	---	---
24	8.5	6.5	7.5	8.3	7.0	7.8	7.9	5.6	6.9	---	---	---
25	8.5	6.3	7.5	9.8	6.0	7.7	6.8	4.6	5.6	---	---	---
26	---	---	---	8.9	6.2	7.8	7.5	5.6	6.4	---	---	---
27	---	---	---	7.5	4.7	6.1	8.7	5.6	7.8	---	---	---
28	---	---	---	6.9	4.4	5.3	8.7	7.0	7.8	---	---	---
29	---	---	---	6.9	3.8	5.3	8.7	7.0	7.6	---	---	---
30	---	---	---	6.8	3.4	4.7	9.2	7.2	8.0	---	---	---
31	---	---	---	7.5	5.2	6.7	8.6	4.8	7.3	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, BOTTOM
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	---	---	---	9.3	0.9	6.0	---	---	---	---	---	---
2	---	---	---	10.2	7.8	9.6	---	---	---	---	---	---
3	8.9	7.5	8.3	10.3	8.6	9.3	---	---	---	---	---	---
4	9.0	7.1	8.3	9.6	6.2	8.4	---	---	---	---	---	---
5	9.0	7.9	8.2	---	---	---	---	---	---	---	---	---
6	8.5	6.1	7.7	---	---	---	---	---	---	---	---	---
7	6.7	5.2	5.8	---	---	---	---	---	---	---	---	---
8	6.4	4.6	5.3	---	---	---	---	---	---	---	---	---
9	5.4	3.2	4.4	---	---	---	---	---	---	---	---	---
10	6.9	2.4	4.1	---	---	---	---	---	---	---	---	---
11	7.2	1.9	4.9	---	---	---	---	---	---	---	---	---
12	8.0	5.2	6.7	---	---	---	---	---	---	---	---	---
13	8.1	6.6	7.4	---	---	---	---	---	---	---	---	---
14	9.2	5.0	7.6	---	---	---	---	---	---	---	---	---
15	8.9	6.8	8.0	---	---	---	---	---	---	---	---	---
16	8.4	6.5	7.4	---	---	---	---	---	---	---	---	---
17	8.3	4.6	6.6	---	---	---	---	---	---	---	---	---
18	7.3	4.6	5.9	---	---	---	---	---	---	---	---	---
19	6.6	4.0	5.8	---	---	---	---	---	---	---	---	---
20	8.7	4.4	6.7	---	---	---	---	---	---	---	---	---
21	8.2	4.4	6.4	---	---	---	---	---	---	---	---	---
22	5.9	0.4	4.2	---	---	---	---	---	---	---	---	---
23	3.1	0.1	0.9	---	---	---	---	---	---	---	---	---
24	2.0	0.1	0.2	---	---	---	---	---	---	---	---	---
25	8.1	0.1	4.4	---	---	---	---	---	---	---	---	---
26	7.7	2.9	6.9	---	---	---	---	---	---	---	---	---
27	6.7	1.7	3.7	---	---	---	---	---	---	---	---	---
28	8.5	6.4	7.7	---	---	---	---	---	---	---	---	---
29	9.2	8.0	8.7	---	---	---	---	---	---	---	---	---
30	8.7	6.0	7.9	---	---	---	---	---	---	---	---	---
31	9.6	5.5	8.1	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, BOTTOM
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	---	---	---	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, BOTTOM
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	---	---	---	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, TOP
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	94	83	90	---	---	---	---	---	---	---	---	---
2	106	79	91	---	---	---	---	---	---	---	---	---
3	119	87	96	---	---	---	---	---	---	---	---	---
4	119	91	102	---	---	---	---	---	---	---	---	---
5	110	96	102	---	---	---	---	---	---	---	---	---
6	103	82	90	---	---	---	---	---	---	---	---	---
7	97	86	90	---	---	---	---	---	---	---	---	---
8	103	95	100	---	---	---	---	---	---	---	---	---
9	106	93	102	---	---	---	---	---	---	---	---	---
10	107	90	98	---	---	---	---	---	---	---	---	---
11	108	89	95	---	---	---	---	---	---	---	---	---
12	108	92	100	---	---	---	---	---	---	---	---	---
13	103	86	95	---	---	---	---	---	---	---	---	---
14	88	84	86	---	---	---	---	---	---	---	---	---
15	89	83	86	---	---	---	---	---	---	---	---	---
16	95	85	90	---	---	---	---	---	---	---	---	---
17	94	86	89	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, TOP
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	---	---	---	---	---	---	83	78	81	85	62	71
2	---	---	---	---	---	---	90	80	85	90	78	84
3	---	---	---	---	---	---	89	81	86	83	66	77
4	---	---	---	---	---	---	88	86	87	83	66	72
5	---	---	---	---	---	---	91	86	89	81	56	65
6	---	---	---	---	---	---	92	86	89	96	58	81
7	---	---	---	---	---	---	90	86	88	96	87	93
8	---	---	---	---	---	---	89	84	87	97	92	95
9	---	---	---	---	---	---	91	85	87	96	83	89
10	---	---	---	---	---	---	90	84	87	92	72	82
11	---	---	---	---	---	---	91	86	88	121	85	94
12	---	---	---	---	---	---	91	86	89	117	69	86
13	---	---	---	---	---	---	90	85	87	113	88	94
14	---	---	---	---	---	---	88	84	86	93	81	89
15	---	---	---	---	---	---	90	85	87	105	78	91
16	---	---	---	---	---	---	90	82	85	113	97	106
17	---	---	---	---	---	---	88	74	78	109	85	100
18	---	---	---	---	---	---	82	77	79	99	84	92
19	---	---	---	---	---	---	82	79	80	96	82	89
20	---	---	---	---	---	---	85	78	81	94	86	91
21	---	---	---	99	95	97	86	81	83	101	83	94
22	---	---	---	99	92	96	95	81	86	97	82	90
23	---	---	---	99	93	96	90	82	86	102	88	94
24	---	---	---	99	93	96	92	83	88	104	86	95
25	---	---	---	100	91	95	88	78	83	104	86	93
26	---	---	---	96	88	93	93	70	81	139	94	110
27	---	---	---	96	89	92	86	70	80	128	101	109
28	---	---	---	96	86	92	82	56	67	107	93	100
29	---	---	---	92	79	87	67	56	61	107	94	101
30	---	---	---	89	77	81	65	55	62	109	91	98
31	---	---	---	85	79	82	---	---	---	---	---	---
Month	---	---	---	---	---	---	95	55	83	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, TOP
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	---	---	---	101	79	91	---	---	---	---	---	---
2	---	---	---	112	81	92	116	75	95	---	---	---
3	---	---	---	112	80	92	---	---	---	---	---	---
4	---	---	---	115	92	100	---	---	---	---	---	---
5	---	---	---	107	90	98	---	---	---	133	77	104
6	---	---	---	114	91	104	---	---	---	117	70	94
7	121	101	108	121	93	106	---	---	---	93	73	83
8	121	99	108	130	92	110	---	---	---	97	76	84
9	127	98	110	114	77	88	---	---	---	97	87	91
10	119	105	112	116	88	101	---	---	---	123	86	97
11	144	100	115	106	79	97	---	---	---	107	75	94
12	134	100	117	124	80	97	---	---	---	101	89	96
13	134	107	111	109	87	98	---	---	---	97	83	91
14	111	103	107	123	89	103	---	---	---	97	86	91
15	116	100	108	111	73	91	---	---	---	109	93	99
16	---	---	---	111	52	78	---	---	---	103	96	99
17	---	---	---	109	42	85	106	83	93	106	100	102
18	---	---	---	107	67	93	112	78	98	104	97	100
19	---	---	---	121	97	109	---	---	---	103	98	100
20	---	---	---	116	100	108	---	---	---	104	97	100
21	---	---	---	103	92	99	---	---	---	106	96	101
22	---	---	---	104	94	99	---	---	---	118	96	104
23	---	---	---	124	95	106	---	---	---	134	90	109
24	---	---	---	137	94	114	---	---	---	137	110	124
25	---	---	---	134	99	119	---	---	---	128	96	114
26	---	---	---	126	98	111	---	---	---	131	100	114
27	88	68	76	125	93	110	---	---	---	120	82	101
28	85	70	79	131	70	93	---	---	---	105	87	97
29	89	71	80	130	82	93	---	---	---	106	96	100
30	100	70	87	113	75	100	---	---	---	103	95	100
31	---	---	---	105	79	92	---	---	---	---	---	---
Month	---	---	---	137	42	99	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, TOP
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	106	97	101	104	71	87	---	---	---	---	---	---
2	104	91	100	102	86	97	---	---	---	---	---	---
3	117	93	101	---	---	---	---	---	---	---	---	---
4	118	93	103	---	---	---	---	---	---	---	---	---
5	107	99	102	---	---	---	---	---	---	---	---	---
6	121	97	105	---	---	---	---	---	---	---	---	---
7	115	87	99	---	---	---	---	---	---	---	---	---
8	126	84	105	---	---	---	---	---	---	---	---	---
9	126	84	109	---	---	---	---	---	---	---	---	---
10	124	68	100	---	---	---	---	---	---	---	---	---
11	95	69	80	---	---	---	---	---	---	---	---	---
12	95	78	86	---	---	---	---	---	---	---	---	---
13	93	80	87	---	---	---	---	---	---	---	---	---
14	109	83	95	---	---	---	---	---	---	---	---	---
15	110	89	98	---	---	---	---	---	---	---	---	---
16	107	91	99	---	---	---	---	---	---	---	---	---
17	104	88	97	---	---	---	---	---	---	---	---	---
18	99	61	86	---	---	---	---	---	---	---	---	---
19	86	60	69	---	---	---	---	---	---	---	---	---
20	94	62	80	---	---	---	---	---	---	---	---	---
21	107	74	90	---	---	---	---	---	---	---	---	---
22	94	71	80	---	---	---	---	---	---	---	---	---
23	91	46	77	---	---	---	---	---	---	---	---	---
24	80	25	64	---	---	---	---	---	---	---	---	---
25	101	77	89	---	---	---	---	---	---	---	---	---
26	93	76	87	---	---	---	---	---	---	---	---	---
27	80	62	73	---	---	---	---	---	---	---	---	---
28	94	76	88	---	---	---	---	---	---	---	---	---
29	101	91	95	---	---	---	---	---	---	---	---	---
30	101	80	93	---	---	---	---	---	---	---	---	---
31	106	90	94	---	---	---	---	---	---	---	---	---
Month	126	25	91	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, TOP
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	---	---	---	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, TOP
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	---	---	---	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, BOTTOM
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	88	78	84	102	91	98	---	---	---	---	---	---
2	90	72	79	99	83	92	---	---	---	---	---	---
3	99	78	87	97	78	89	---	---	---	---	---	---
4	96	81	90	99	79	88	---	---	---	---	---	---
5	100	88	94	94	79	87	---	---	---	---	---	---
6	98	77	86	---	---	---	---	---	---	---	---	---
7	92	80	84	---	---	---	---	---	---	---	---	---
8	98	91	95	---	---	---	---	---	---	---	---	---
9	101	89	97	---	---	---	---	---	---	---	---	---
10	101	84	92	---	---	---	---	---	---	---	---	---
11	87	80	84	---	---	---	---	---	---	---	---	---
12	102	86	94	---	---	---	---	---	---	---	---	---
13	98	82	90	---	---	---	---	---	---	---	---	---
14	84	79	82	---	---	---	---	---	---	---	---	---
15	85	79	82	---	---	---	---	---	---	---	---	---
16	91	81	85	---	---	---	---	---	---	---	---	---
17	91	82	85	---	---	---	---	---	---	---	---	---
18	87	78	84	---	---	---	---	---	---	---	---	---
19	89	77	83	---	---	---	---	---	---	---	---	---
20	93	78	87	---	---	---	---	---	---	---	---	---
21	92	78	86	---	---	---	---	---	---	---	---	---
22	78	70	73	---	---	---	---	---	---	---	---	---
23	82	70	73	---	---	---	---	---	---	---	---	---
24	93	70	79	---	---	---	---	---	---	---	---	---
25	83	70	74	---	---	---	---	---	---	---	---	---
26	77	72	74	---	---	---	---	---	---	---	---	---
27	84	77	81	---	---	---	---	---	---	---	---	---
28	95	83	91	---	---	---	---	---	---	---	---	---
29	104	86	94	---	---	---	---	---	---	---	---	---
30	100	90	97	---	---	---	---	---	---	---	---	---
31	102	98	100	---	---	---	---	---	---	---	---	---
Month	104	70	86	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, BOTTOM
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	---	---	---	---	---	---	86	81	83	88	61	74
2	---	---	---	---	---	---	94	82	89	91	83	86
3	---	---	---	---	---	---	92	80	86	88	69	81
4	---	---	---	---	---	---	92	88	90	86	70	76
5	---	---	---	---	---	---	94	89	92	85	62	71
6	---	---	---	---	---	---	93	87	90	101	63	85
7	---	---	---	---	---	---	93	88	90	102	92	98
8	---	---	---	---	---	---	92	87	89	102	96	100
9	---	---	---	---	---	---	92	88	90	101	86	93
10	---	---	---	---	---	---	93	86	88	96	69	82
11	---	---	---	---	---	---	93	88	90	88	63	69
12	---	---	---	---	---	---	93	89	91	111	57	70
13	---	---	---	---	---	---	93	88	90	110	76	94
14	---	---	---	---	---	---	92	87	90	95	79	89
15	---	---	---	---	---	---	95	89	91	106	80	92
16	---	---	---	---	---	---	94	86	89	115	99	108
17	---	---	---	---	---	---	91	78	82	111	87	103
18	---	---	---	---	---	---	87	81	84	102	86	95
19	---	---	---	---	---	---	89	82	85	99	84	92
20	---	---	---	---	---	---	90	83	86	96	89	93
21	---	---	---	100	95	98	90	85	87	104	86	97
22	---	---	---	100	93	97	96	86	88	99	85	92
23	---	---	---	99	95	97	96	84	89	105	89	96
24	---	---	---	100	91	96	95	86	90	103	89	97
25	---	---	---	101	92	96	92	76	84	97	82	89
26	---	---	---	98	87	93	102	75	89	102	79	93
27	---	---	---	97	91	94	93	77	86	108	98	103
28	---	---	---	98	82	90	89	64	73	101	90	96
29	---	---	---	95	81	89	76	60	66	108	85	97
30	---	---	---	91	75	81	73	60	66	108	88	98
31	---	---	---	87	81	84	---	---	---	---	---	---
Month	---	---	---	---	---	---	102	60	86	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, BOTTOM
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	---	---	---	---	---	---	---	---	---	121	57	100
2	---	---	---	---	---	---	111	81	97	120	73	106
3	---	---	---	---	---	---	97	60	73	132	95	113
4	---	---	---	---	---	---	67	50	60	130	70	107
5	---	---	---	---	---	---	84	43	64	121	43	77
6	---	---	---	---	---	---	85	73	81	---	---	---
7	108	97	100	---	---	---	---	---	---	---	---	---
8	99	92	95	---	---	---	106	63	81	---	---	---
9	114	88	96	---	---	---	---	---	---	---	---	---
10	107	80	101	---	---	---	---	---	---	---	---	---
11	101	88	95	---	---	---	---	---	---	---	---	---
12	112	86	95	---	---	---	107	72	85	---	---	---
13	106	93	99	---	---	---	92	49	71	---	---	---
14	100	90	95	---	---	---	111	42	77	---	---	---
15	106	81	93	---	---	---	92	70	79	---	---	---
16	107	91	96	---	---	---	94	62	79	---	---	---
17	104	85	96	---	---	---	97	80	89	---	---	---
18	97	68	82	49	10	21	112	87	99	---	---	---
19	93	74	81	34	8	12	103	79	92	103	95	99
20	92	65	79	117	10	64	105	88	96	104	90	101
21	100	71	85	102	94	99	114	81	99	113	102	107
22	104	76	89	103	95	98	111	83	99	107	92	101
23	107	76	89	121	94	103	111	82	99	---	---	---
24	107	81	95	104	88	99	103	73	90	---	---	---
25	109	79	94	126	76	98	89	60	73	---	---	---
26	---	---	---	113	79	99	98	73	84	---	---	---
27	---	---	---	97	60	79	115	73	102	---	---	---
28	---	---	---	89	56	67	114	91	102	---	---	---
29	---	---	---	89	48	67	113	90	99	---	---	---
30	---	---	---	88	43	59	119	92	103	---	---	---
31	---	---	---	98	67	87	110	61	93	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, BOTTOM
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	---	---	---	101	10	66	---	---	---	---	---	---
2	---	---	---	109	85	103	---	---	---	---	---	---
3	107	88	98	108	90	98	---	---	---	---	---	---
4	110	85	100	100	65	88	---	---	---	---	---	---
5	110	95	100	---	---	---	---	---	---	---	---	---
6	105	74	94	---	---	---	---	---	---	---	---	---
7	81	63	71	---	---	---	---	---	---	---	---	---
8	79	56	65	---	---	---	---	---	---	---	---	---
9	66	39	54	---	---	---	---	---	---	---	---	---
10	85	30	51	---	---	---	---	---	---	---	---	---
11	87	23	59	---	---	---	---	---	---	---	---	---
12	93	61	79	---	---	---	---	---	---	---	---	---
13	93	76	85	---	---	---	---	---	---	---	---	---
14	105	57	87	---	---	---	---	---	---	---	---	---
15	102	77	91	---	---	---	---	---	---	---	---	---
16	97	74	85	---	---	---	---	---	---	---	---	---
17	97	53	76	---	---	---	---	---	---	---	---	---
18	85	53	69	---	---	---	---	---	---	---	---	---
19	78	47	68	---	---	---	---	---	---	---	---	---
20	103	52	79	---	---	---	---	---	---	---	---	---
21	96	52	75	---	---	---	---	---	---	---	---	---
22	69	5	49	---	---	---	---	---	---	---	---	---
23	37	1	10	---	---	---	---	---	---	---	---	---
24	24	1	2	---	---	---	---	---	---	---	---	---
25	97	1	53	---	---	---	---	---	---	---	---	---
26	92	35	82	---	---	---	---	---	---	---	---	---
27	79	20	44	---	---	---	---	---	---	---	---	---
28	97	75	89	---	---	---	---	---	---	---	---	---
29	101	90	96	---	---	---	---	---	---	---	---	---
30	95	65	86	---	---	---	---	---	---	---	---	---
31	104	60	88	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, BOTTOM
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	---	---	---	---	---	---	---	---	---	---	---	---

0208114301 ROANOKE RIVER AT LIGHT 3 NEAR ALBEMARLE BEACH, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, BOTTOM
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	---	---	---	---	---	---	---	---	---	---	---	---