



Water-Data Report 2007

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC

Albemarle-Chowan Basin
Albemarle Subbasin

LOCATION.--Lat 36°12'00", long 75°49'00" referenced to North American Datum of 1927, Currituck County, NC, Hydrologic Unit 03010205, 1.3 mi southwest of Dews Island, NC.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--April 2006 to June 2007 (discontinued).

PERIOD OF DAILY RECORD.--

- SPECIFIC CONDUCTANCE: April 2006 to June 2007.
- SALINITY: April 2006 to June 2007.
- pH: April 2006 to June 2007.
- WATER TEMPERATURE: April 2006 to June 2007.
- DISSOLVED OXYGEN: April 2006 to June 2007.
- DISSOLVED OXYGEN, PERCENT SATURATION: April 2006 to June 2007.
- TURBIDITY, in FNU: April 2006 to June 2007.
- CHLOROPHYLL: April 2006 to June 2007.

INSTRUMENTATION.--Self logging, water-quality monitor April 2006 to June 2007. Constituents monitored were: specific conductance, water temperature, dissolved oxygen, pH, turbidity, and chlorophyll. Turbidity data collected using a YSI 6136 sensor in formazin nephelometric units (FNU).

REMARKS.--Station operated in cooperation with the North Carolina Department of Environment and Natural Resources, Division of Water Resources. Water-quality monitors were operated by Elizabeth City State University under the general supervision of the U.S. Geological Survey. Salinity and dissolved oxygen, percent saturation are computed. The salinity is computed from specific conductance using the conversion from U. S. Geological Survey Water-Supply Paper 2311. The dissolved oxygen, percent saturation is computed using a barometric pressure of 760 mm of Hg.

EXTREMES FOR PERIOD OF DAILY RECORD.--

- SPECIFIC CONDUCTANCE: Maximum recorded, 14,500 microsiemens, September 2, 2006; minimum recorded 1,890 microseimens, March 4, 2007.
- SALINITY: Maximum recorded, 8.4 ppt, September 2, 2006; minimum recorded, 0.9 ppt, March 3, 4, 2007.
- pH: Maximum recorded, 9.3 standard units, October 4, 2006; minimum recorded, 7.1 standard units, May 2, 2006.
- WATER TEMPERATURE: Maximum recorded, 32.8°C, August 2, 2006; minimum recorded, 0.6°C, February 6, 2007.
- DISSOLVED OXYGEN: Maximum recorded, 15.9 mg/L, February 6, 2007; minimum recorded, 6.6 mg/L, August 6, 31, 2006.
- DISSOLVED OXYGEN, PERCENT SATURATION: Maximum recorded, 160%, July 31, 2006; minimum recorded, 86%, August 31, 2006.
- TURBIDITY: Maximum recorded, 230 FNU, November 22, 2006; minimum recorded, <5 FNU, on many days during the period.
- CHLOROPHYLL: Maximum recorded, 23.6 micrograms per liter, February 20, 2007; minimum recorded, 2.70 micrograms per liter, June 8, 2006.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 1 of 2

[Remark codes: <, less than; E, estimated.]

Date	Time	Trans- parency Secchi disc, meters (00078)	Turb- idity, IR LED light, det ang 90 deg, FNU (63680)	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfltrd std units (00400)	Specif- ic conduc- tance, Temper- ature, water, deg C (00095)	Temper- ature, water, deg C (00010)	Silica, water, fltrd, mg/L (00955)	Residue total non- filter- able, mg/L (00530)	Residue vola- tile, sus- pended, mg/L (00535)	Ammonia + org-N, water, fltrd, mg/L as N (00623)
Aug 29...	0935	.75	5.2	761	8.1	107	8.7	7,540	28.4	3.8	30	24	.38

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 2 of 2

[Remark codes: <, less than; E, estimated.]

Date	Ammonia	Nitrite + Nitrite	Particulate nitrogen	Total nitrogen	Ortho-phosphate	Total carbon	Inorganic carbon	Organic carbon	Chlorophyll	
	water, fltrd, mg/L as N (00608)	water, fltrd, mg/L as N (00631)	water, fltrd, mg/L as N (00613)	wat flt susp, mg/L (49570)	by anal ysis, mg/L (62854)	water, fltrd, mg/L as P (00671)	suspnd sedimnt total, mg/L (00694)	suspnd sedimnt total, mg/L (00688)	carbon, fltrd, mg/L (00681)	tot, wt 650-700 nm, in-situ µg/L (62361)
Aug 29...	.014	<.016	<.002	.33	.46	E.003	2.3	<.1	5.8	5.10

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 1 of 2

[Remark codes: <, less than.]

Date	Time	Transparency Secchi disc, meters (00078)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd, std units (00400)	Specific conductance, µS/cm 25 degC (00095)	Temperature, deg C (00010)	Silica, water, fltrd, mg/L (00955)	Residue total non-filterable, mg/L (00530)	Residue volatile suspended, mg/L (00535)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia water, fltrd, mg/L as N (00608)
Apr 25...	0835	.75	764	9.3	99	7.6	2,860	18.1	4.2	33	12	.39	<.020

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 2 of 2

[Remark codes: <, less than.]

Date	Nitrite + Nitrite	Particulate nitrogen	Total nitrogen	Ortho-phosphate	Total carbon	Inorganic carbon	Organic carbon	Chlorophyll a phytoplankton, fluoro, µg/L (70953)	Chlorophyll tot, wt 650-700 nm, in-situ µg/L (62361)	Pheophytin a, phytoplankton, µg/L (62360)	
	water, fltrd, mg/L as N (00631)	water, fltrd, mg/L as N (00613)	wat flt susp, mg/L (49570)	water, fltrd, mg/L as P (00671)	suspnd sedimnt total, mg/L (00694)	suspnd sedimnt total, mg/L (00688)	water, fltrd, mg/L (00681)				
Apr 25...	<.016	<.002	.28	.36	<.006	2.9	<.1	10.0	4.1	8.40	.6

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

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

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
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	---	---	---	---	---	---	---	---	---	2.1	2.0	2.1
2	---	---	---	---	---	---	---	---	---	3.5	2.0	2.4
3	---	---	---	---	---	---	---	---	---	3.3	2.7	3.0
4	---	---	---	---	---	---	---	---	---	3.7	3.1	3.4
5	---	---	---	---	---	---	---	---	---	5.0	3.6	4.2
6	---	---	---	---	---	---	---	---	---	5.8	4.8	5.5
7	---	---	---	---	---	---	---	---	---	5.6	3.6	4.0
8	---	---	---	---	---	---	---	---	---	5.2	2.9	3.9
9	---	---	---	---	---	---	---	---	---	3.6	3.1	3.3
10	---	---	---	---	---	---	---	---	---	5.4	3.5	4.6
11	---	---	---	---	---	---	---	---	---	8.0	5.0	6.3
12	---	---	---	---	---	---	---	---	---	8.1	6.2	7.5
13	---	---	---	---	---	---	---	---	---	8.1	6.8	7.7
14	---	---	---	---	---	---	---	---	---	8.0	6.6	7.7
15	---	---	---	---	---	---	---	---	---	7.7	5.9	7.4
16	---	---	---	---	---	---	---	---	---	7.6	5.9	7.3
17	---	---	---	---	---	---	---	---	---	7.6	6.7	7.1
18	---	---	---	---	---	---	---	---	---	7.3	5.4	6.8
19	---	---	---	---	---	---	---	---	---	7.0	5.1	6.3
20	---	---	---	---	---	---	---	---	---	6.4	5.6	6.1
21	---	---	---	---	---	---	---	---	---	5.7	4.8	5.2
22	---	---	---	---	---	---	---	---	---	5.1	3.7	4.4
23	---	---	---	---	---	---	---	---	---	5.1	4.2	4.7
24	---	---	---	---	---	---	---	---	---	6.2	4.5	5.2
25	---	---	---	---	---	---	4.9	3.7	4.3	6.8	4.2	5.5
26	---	---	---	---	---	---	4.4	3.1	3.7	7.8	5.5	7.1
27	---	---	---	---	---	---	3.2	2.9	3.0	7.5	5.3	6.9
28	---	---	---	---	---	---	3.2	2.9	3.1	6.8	4.9	6.1
29	---	---	---	---	---	---	2.9	2.4	2.6	5.6	4.7	5.2
30	---	---	---	---	---	---	2.4	2.1	2.2	6.0	4.2	5.3
31	---	---	---	---	---	---	---	---	---	5.7	5.0	5.3
Month	---	---	---	---	---	---	---	---	---	8.1	2.0	5.4

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
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	6.1	4.4	5.5	4.4	3.8	4.1	4.1	2.7	3.6	6.4	3.2	3.9
2	5.9	4.8	5.7	4.4	3.2	3.9	3.4	2.7	3.1	8.4	3.6	6.3
3	6.4	5.4	5.9	4.3	3.4	3.8	3.6	2.6	3.4	3.6	3.2	3.4
4	5.6	4.8	5.3	3.9	3.6	3.7	3.8	2.9	3.6	3.3	3.1	3.2
5	6.3	4.8	5.5	4.4	3.8	4.1	3.5	2.6	3.3	3.6	3.1	3.3
6	5.7	4.6	5.2	4.4	3.6	4.1	3.8	2.8	3.2	3.7	3.0	3.2
7	5.4	4.5	5.1	3.6	3.3	3.4	3.9	3.0	3.5	3.1	2.6	2.8
8	5.7	4.5	5.3	3.3	3.1	3.1	3.9	3.1	3.5	3.1	2.8	2.9
9	5.6	3.6	5.1	3.8	3.0	3.3	3.7	3.1	3.5	3.0	2.4	2.7
10	5.5	4.6	5.0	3.8	3.1	3.3	3.7	2.8	3.4	3.0	2.5	2.7
11	5.1	4.8	5.0	3.6	3.3	3.4	3.8	3.1	3.6	2.7	2.1	2.5
12	5.5	4.7	5.1	3.6	3.3	3.5	4.0	3.2	3.5	2.9	2.0	2.2
13	4.9	4.6	4.8	4.1	3.2	3.7	3.8	3.2	3.7	3.4	2.6	3.0
14	5.0	4.0	4.6	3.6	3.0	3.4	4.0	3.6	3.8	3.0	2.5	2.7
15	4.2	3.6	4.0	3.4	3.2	3.3	4.2	3.8	4.0	2.9	2.6	2.8
16	3.8	3.3	3.7	3.3	2.8	3.1	4.1	3.8	4.0	2.7	2.5	2.6
17	4.5	3.8	4.2	3.2	2.8	3.1	3.8	3.5	3.7	2.6	2.3	2.5
18	4.5	4.2	4.4	3.6	2.9	3.3	3.9	3.6	3.9	2.6	2.5	2.5
19	4.8	4.2	4.5	3.4	2.9	3.3	4.0	3.8	3.9	3.0	2.5	2.8
20	4.9	3.7	4.4	3.5	3.0	3.2	4.0	3.5	3.7	2.9	2.5	2.6
21	4.7	4.3	4.5	4.4	3.3	3.7	4.1	3.4	3.7	2.5	2.4	2.4
22	4.5	3.9	4.3	4.6	3.8	4.4	3.8	3.6	3.7	2.7	2.4	2.5
23	5.0	4.1	4.6	4.8	3.2	4.2	3.9	3.8	3.8	3.1	2.5	2.7
24	5.4	4.8	5.0	4.2	3.4	3.9	3.9	3.8	3.8	3.9	3.1	3.6
25	5.3	5.0	5.2	4.1	3.1	3.7	4.0	3.6	3.8	4.0	2.9	3.3
26	6.1	5.2	5.7	3.9	2.9	3.5	3.7	2.9	3.6	2.9	2.7	2.7
27	6.4	5.7	6.0	3.9	3.1	3.6	3.8	3.3	3.7	2.7	2.3	2.5
28	6.2	5.1	5.6	4.1	3.2	3.7	4.0	3.6	3.8	2.7	2.3	2.5
29	5.1	4.2	4.7	4.1	3.3	3.7	4.3	3.8	4.0	2.7	2.5	2.6
30	4.5	3.7	4.0	4.0	3.3	3.6	4.4	3.6	4.1	2.7	2.5	2.6
31	---	---	---	3.7	3.0	3.4	3.7	3.4	3.6	---	---	---
Month	6.4	3.3	4.9	4.8	2.8	3.6	4.4	2.6	3.7	8.4	2.0	2.9

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	2.6	2.4	2.5	2.5	2.3	2.4	2.2	1.8	2.0	1.9	1.7	1.8
2	2.6	2.5	2.5	2.4	1.8	2.2	2.2	1.8	2.0	1.9	1.6	1.7
3	2.6	2.4	2.5	1.8	1.6	1.7	1.8	1.6	1.7	1.6	1.5	1.5
4	2.7	2.5	2.6	1.7	1.5	1.6	1.8	1.5	1.7	1.7	1.6	1.7
5	2.8	2.5	2.7	1.7	1.5	1.6	1.8	1.6	1.7	1.8	1.5	1.7
6	2.6	2.5	2.5	2.2	1.7	1.9	1.9	1.7	1.8	1.8	1.7	1.7
7	3.0	2.5	2.8	2.1	1.6	1.9	1.9	1.7	1.8	1.8	1.6	1.7
8	2.8	2.2	2.4	2.3	1.6	2.1	---	---	---	1.9	1.7	1.8
9	2.3	2.0	2.1	2.3	1.9	2.1	---	---	---	1.8	1.5	1.7
10	2.6	1.8	2.1	2.2	2.0	2.1	---	---	---	1.6	1.4	1.5
11	3.1	1.9	2.7	2.5	2.2	2.3	---	---	---	1.4	1.3	1.3
12	3.2	2.8	3.0	2.8	2.4	2.5	---	---	---	1.4	1.3	1.3
13	3.1	2.9	3.0	2.6	1.8	2.2	---	---	---	1.4	1.3	1.4
14	2.9	2.7	2.8	2.1	1.8	1.9	---	---	---	1.4	1.3	1.4
15	2.9	2.8	2.8	2.4	2.0	2.2	---	---	---	1.8	1.4	1.5
16	2.8	2.5	2.7	2.5	1.8	2.2	---	---	---	1.9	1.3	1.7
17	2.8	2.5	2.8	2.4	2.1	2.3	---	---	---	1.4	1.3	1.3
18	3.0	2.6	2.9	2.1	1.6	1.9	---	---	---	1.4	1.3	1.3
19	2.8	2.8	2.8	1.8	1.5	1.6	1.8	1.5	1.6	1.4	1.2	1.3
20	3.0	2.7	2.9	1.6	1.3	1.4	1.5	1.4	1.5	1.6	1.2	1.4
21	2.7	2.5	2.6	1.5	1.2	1.3	1.6	1.4	1.5	1.3	1.2	1.3
22	2.7	2.5	2.6	1.3	1.0	1.1	1.8	1.6	1.7	1.4	1.3	1.3
23	2.7	2.5	2.6	1.2	1.1	1.2	1.9	1.7	1.8	1.4	1.2	1.3
24	2.5	2.0	2.2	1.3	1.2	1.2	1.9	1.6	1.7	1.4	1.2	1.4
25	2.0	1.6	1.8	1.7	1.2	1.4	1.9	1.6	1.7	1.6	1.4	1.5
26	1.9	1.5	1.6	1.8	1.5	1.6	1.9	1.6	1.8	1.4	1.3	1.3
27	2.2	1.7	2.1	2.0	1.8	1.9	2.0	1.6	1.8	1.6	1.4	1.5
28	2.7	2.0	2.4	2.0	1.8	1.9	1.8	1.7	1.7	1.6	1.5	1.6
29	2.7	2.3	2.5	2.1	1.8	2.0	1.7	1.4	1.6	1.5	1.3	1.5
30	---	---	---	1.9	1.8	1.9	1.6	1.4	1.5	1.7	1.4	1.6
31	2.3	2.2	2.2	---	---	---	1.7	1.5	1.5	1.7	1.4	1.5
Month	---	---	---	2.8	1.0	1.9	---	---	---	1.9	1.2	1.5

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
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	1.6	1.4	1.5	1.3	1.1	1.2	1.2	1.2	1.2	1.5	1.2	1.3
2	1.5	1.3	1.4	1.2	1.0	1.1	1.3	1.2	1.2	1.5	1.3	1.4
3	1.6	1.5	1.5	1.2	0.9	1.1	1.3	1.2	1.2	1.4	1.3	1.4
4	1.7	1.5	1.7	1.2	0.9	1.1	1.3	1.1	1.2	1.3	1.2	1.3
5	1.7	1.4	1.5	1.3	1.2	1.2	1.3	1.2	1.3	1.5	1.2	1.3
6	1.5	1.2	1.3	1.3	1.0	1.2	1.3	1.2	1.3	1.5	1.1	1.2
7	1.4	1.1	1.2	1.2	1.0	1.2	1.3	1.2	1.3	---	---	---
8	1.2	1.1	1.1	1.2	1.1	1.1	1.3	1.2	1.2	---	---	---
9	1.2	1.1	1.2	1.1	1.1	1.1	1.3	1.2	1.2	1.4	1.1	1.2
10	1.2	1.2	1.2	1.3	1.0	1.2	1.3	1.2	1.2	1.6	1.1	1.4
11	1.2	1.2	1.2	1.2	1.1	1.2	1.3	1.2	1.2	1.6	1.4	1.5
12	1.2	1.1	1.2	1.2	1.0	1.1	1.3	1.2	1.3	1.6	1.4	1.5
13	1.2	1.1	1.1	1.2	1.1	1.1	1.3	1.2	1.3	1.6	1.3	1.4
14	1.2	1.1	1.1	1.2	1.1	1.2	1.3	1.2	1.3	1.5	1.4	1.4
15	1.2	1.1	1.1	1.2	1.1	1.1	1.3	1.2	1.2	4.3	1.5	2.3
16	1.1	1.0	1.1	1.2	1.0	1.1	1.2	1.2	1.2	6.5	4.2	5.3
17	1.2	1.1	1.1	1.1	1.0	1.1	1.2	1.0	1.1	6.6	4.1	5.2
18	1.3	1.1	1.2	1.1	1.0	1.1	1.1	1.1	1.1	4.1	1.6	2.6
19	1.2	1.1	1.1	1.2	1.1	1.1	1.1	1.0	1.1	2.7	1.6	1.9
20	1.3	1.1	1.2	1.2	1.1	1.2	1.2	1.1	1.1	3.5	2.5	3.0
21	1.2	1.1	1.2	1.2	1.1	1.1	1.2	1.1	1.1	3.5	2.8	3.2
22	1.2	1.2	1.2	---	---	---	1.3	1.1	1.2	2.8	2.1	2.5
23	1.2	1.0	1.1	---	---	---	1.4	1.2	1.3	3.1	2.1	2.5
24	1.1	1.0	1.0	---	---	---	1.5	1.4	1.4	3.1	2.1	2.6
25	1.2	1.0	1.1	---	---	---	1.5	1.4	1.4	3.4	2.3	3.0
26	1.3	1.1	1.2	---	---	---	1.5	1.3	1.4	3.1	2.7	2.9
27	1.3	1.1	1.2	---	---	---	1.5	1.3	1.4	3.2	2.8	3.1
28	1.3	1.1	1.2	---	---	---	1.5	1.3	1.4	3.5	2.9	3.2
29	---	---	---	1.2	1.2	1.2	1.5	1.3	1.4	3.3	2.4	3.0
30	---	---	---	1.2	1.1	1.2	1.4	1.3	1.4	2.7	2.1	2.2
31	---	---	---	1.3	1.2	1.2	---	---	---	3.7	2.3	2.8
Month	1.7	1.0	1.2	---	---	---	1.5	1.0	1.3	---	---	---

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

**SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
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	3.8	3.0	3.3	---	---	---	---	---	---	---	---	---
2	4.4	3.5	4.0	---	---	---	---	---	---	---	---	---
3	4.4	4.0	4.2	---	---	---	---	---	---	---	---	---
4	4.0	3.7	3.8	---	---	---	---	---	---	---	---	---
5	3.8	3.6	3.7	---	---	---	---	---	---	---	---	---
6	3.7	3.5	3.6	---	---	---	---	---	---	---	---	---
7	3.6	3.4	3.5	---	---	---	---	---	---	---	---	---
8	3.6	3.4	3.5	---	---	---	---	---	---	---	---	---
9	3.6	3.1	3.5	---	---	---	---	---	---	---	---	---
10	3.2	2.9	3.1	---	---	---	---	---	---	---	---	---
11	3.2	2.7	3.0	---	---	---	---	---	---	---	---	---
12	3.2	3.1	3.1	---	---	---	---	---	---	---	---	---
13	3.2	2.3	2.8	---	---	---	---	---	---	---	---	---
14	2.4	1.6	2.0	---	---	---	---	---	---	---	---	---
15	2.9	1.6	1.8	---	---	---	---	---	---	---	---	---
16	3.3	2.8	3.0	---	---	---	---	---	---	---	---	---
17	3.2	2.9	3.0	---	---	---	---	---	---	---	---	---
18	3.1	3.0	3.1	---	---	---	---	---	---	---	---	---
19	3.0	2.9	3.0	---	---	---	---	---	---	---	---	---
20	3.0	2.8	2.9	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

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

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
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	---	---	---	---	---	---	---	---	---	4,040	3,760	3,920
2	---	---	---	---	---	---	---	---	---	6,430	3,800	4,570
3	---	---	---	---	---	---	---	---	---	6,050	5,050	5,660
4	---	---	---	---	---	---	---	---	---	6,720	5,770	6,210
5	---	---	---	---	---	---	---	---	---	9,060	6,620	7,640
6	---	---	---	---	---	---	---	---	---	10,300	8,650	9,750
7	---	---	---	---	---	---	---	---	---	10,000	6,540	7,250
8	---	---	---	---	---	---	---	---	---	9,260	5,340	7,070
9	---	---	---	---	---	---	---	---	---	6,660	5,680	6,170
10	---	---	---	---	---	---	---	---	---	9,680	6,430	8,300
11	---	---	---	---	---	---	---	---	---	13,900	8,940	11,200
12	---	---	---	---	---	---	---	---	---	14,100	10,900	13,000
13	---	---	---	---	---	---	---	---	---	14,000	12,000	13,400
14	---	---	---	---	---	---	---	---	---	13,800	11,600	13,400
15	---	---	---	---	---	---	---	---	---	13,400	10,400	13,000
16	---	---	---	---	---	---	---	---	---	13,200	10,400	12,700
17	---	---	---	---	---	---	---	---	---	13,200	11,700	12,400
18	---	---	---	---	---	---	---	---	---	12,700	9,570	11,900
19	---	---	---	---	---	---	---	---	---	12,200	9,090	11,100
20	---	---	---	---	---	---	---	---	---	11,300	10,000	10,800
21	---	---	---	---	---	---	---	---	---	10,200	8,580	9,240
22	---	---	---	---	---	---	---	---	---	9,150	6,710	7,890
23	---	---	---	---	---	---	---	---	---	9,090	7,570	8,390
24	---	---	---	---	---	---	---	---	---	11,000	8,220	9,380
25	---	---	---	---	---	---	8,820	6,750	7,750	11,900	7,700	9,850
26	---	---	---	---	---	---	8,030	5,740	6,710	13,500	9,860	12,400
27	---	---	---	---	---	---	5,850	5,400	5,650	13,100	9,530	12,100
28	---	---	---	---	---	---	5,880	5,440	5,760	11,900	8,880	10,800
29	---	---	---	---	---	---	5,440	4,450	4,920	10,000	8,500	9,300
30	---	---	---	---	---	---	4,520	3,980	4,200	10,700	7,630	9,490
31	---	---	---	---	---	---	---	---	---	10,200	8,910	9,550
Month	---	---	---	---	---	---	---	---	---	14,100	3,760	9,610

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
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	10,800	7,970	9,820	8,050	6,940	7,460	7,490	5,110	6,530	11,300	5,860	7,040
2	10,500	8,640	10,100	8,050	5,890	7,080	6,200	4,980	5,780	14,500	6,590	11,000
3	11,200	9,680	10,500	7,760	6,250	6,950	6,670	4,880	6,340	6,590	5,950	6,190
4	9,970	8,680	9,450	7,090	6,570	6,830	6,970	5,390	6,650	6,150	5,830	5,950
5	11,100	8,730	9,760	7,970	7,030	7,540	6,380	4,900	6,050	6,670	5,710	6,020
6	10,200	8,340	9,280	8,040	6,540	7,380	6,860	5,180	5,920	6,850	5,640	5,930
7	9,610	8,110	9,220	6,550	6,040	6,340	7,090	5,550	6,510	5,740	4,930	5,250
8	10,200	8,110	9,470	6,040	5,670	5,810	7,060	5,730	6,510	5,760	5,160	5,460
9	9,980	6,570	9,180	7,030	5,560	6,130	6,770	5,670	6,440	5,650	4,580	4,980
10	9,760	8,270	9,060	6,880	5,720	6,090	6,820	5,310	6,310	5,530	4,740	5,140
11	9,200	8,590	9,010	6,550	6,040	6,310	7,010	5,710	6,520	5,070	4,010	4,730
12	9,880	8,540	9,170	6,580	6,090	6,370	7,290	5,930	6,500	5,440	3,890	4,240
13	8,880	8,340	8,680	7,460	5,970	6,830	6,990	5,990	6,830	6,300	4,810	5,530
14	9,050	7,340	8,390	6,630	5,540	6,270	7,300	6,600	6,870	5,570	4,700	5,130
15	7,640	6,540	7,320	6,230	5,990	6,090	7,600	7,030	7,320	5,340	4,840	5,160
16	6,960	6,130	6,720	6,160	5,230	5,690	7,450	6,910	7,250	5,140	4,710	4,960
17	8,180	6,950	7,560	5,970	5,290	5,680	6,910	6,430	6,730	4,880	4,390	4,710
18	8,200	7,640	7,920	6,660	5,420	6,170	7,190	6,640	7,080	4,940	4,630	4,770
19	8,570	7,560	8,170	6,280	5,480	6,050	7,310	7,000	7,120	5,500	4,680	5,140
20	8,850	6,720	7,960	6,440	5,620	5,920	7,330	6,460	6,820	5,440	4,640	4,910
21	8,410	7,780	8,080	7,920	6,050	6,760	7,440	6,210	6,860	4,680	4,480	4,590
22	8,190	7,050	7,800	8,370	6,860	7,900	7,020	6,580	6,830	5,000	4,530	4,770
23	8,990	7,400	8,380	8,710	6,000	7,640	7,080	6,890	7,000	5,760	4,700	5,010
24	9,570	8,600	9,020	7,570	6,340	7,130	7,120	6,900	6,980	7,130	5,760	6,610
25	9,440	8,960	9,240	7,470	5,800	6,740	7,370	6,620	7,020	7,220	5,320	6,140
26	10,800	9,370	10,200	7,170	5,460	6,440	6,820	5,390	6,630	5,320	5,000	5,070
27	11,200	10,200	10,600	7,100	5,740	6,670	6,930	6,020	6,790	5,070	4,350	4,700
28	11,000	9,080	10,000	7,450	5,840	6,790	7,310	6,660	6,910	5,110	4,360	4,780
29	9,090	7,610	8,450	7,380	6,080	6,840	7,850	6,860	7,310	5,100	4,790	4,920
30	8,100	6,790	7,300	7,240	6,020	6,650	8,050	6,670	7,430	4,970	4,650	4,860
31	---	---	---	6,840	5,600	6,190	6,810	6,310	6,600	---	---	---
Month	11,200	6,130	8,860	8,710	5,230	6,600	8,050	4,880	6,720	14,500	3,890	5,460

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

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

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	4,820	4,610	4,670	4,660	4,350	4,450	4,240	3,470	3,840	3,610	3,230	3,470
2	4,900	4,630	4,760	4,570	3,390	4,090	4,210	3,500	3,880	3,580	3,040	3,350
3	4,890	4,520	4,780	3,550	3,090	3,240	3,550	3,160	3,350	3,100	2,830	2,980
4	4,970	4,770	4,820	3,200	2,880	3,010	3,520	2,940	3,260	3,370	3,090	3,220
5	5,180	4,750	4,970	3,360	2,970	3,140	3,380	3,060	3,200	3,450	2,980	3,210
6	4,880	4,690	4,790	4,170	3,230	3,610	3,570	3,220	3,430	3,520	3,260	3,330
7	5,600	4,680	5,170	3,950	3,040	3,690	3,660	3,340	3,510	3,420	3,040	3,240
8	5,280	4,260	4,600	4,430	3,120	4,020	---	---	---	3,590	3,270	3,420
9	4,270	3,910	4,090	4,320	3,680	3,990	---	---	---	3,390	2,850	3,230
10	4,900	3,440	4,090	4,130	3,840	3,980	---	---	---	3,130	2,670	2,870
11	5,710	3,700	5,130	4,680	4,130	4,370	---	---	---	2,670	2,560	2,590
12	5,940	5,250	5,640	5,170	4,610	4,770	---	---	---	2,650	2,550	2,610
13	5,810	5,430	5,500	4,960	3,530	4,130	---	---	---	2,720	2,580	2,660
14	5,460	5,120	5,320	3,940	3,520	3,650	---	---	---	2,790	2,570	2,680
15	5,340	5,210	5,300	4,460	3,900	4,110	---	---	---	3,490	2,670	2,900
16	5,290	4,790	5,110	4,620	3,420	4,160	---	---	---	3,590	2,560	3,190
17	5,310	4,670	5,180	4,530	3,940	4,380	---	---	---	2,700	2,520	2,590
18	5,510	4,800	5,360	3,940	3,190	3,620	---	---	---	2,650	2,470	2,560
19	5,280	5,160	5,220	3,400	2,850	3,160	3,430	2,920	3,090	2,720	2,360	2,530
20	5,570	5,140	5,390	3,070	2,600	2,790	2,930	2,780	2,830	3,160	2,420	2,690
21	5,140	4,660	4,940	2,900	2,330	2,630	3,070	2,780	2,960	2,630	2,460	2,520
22	5,020	4,670	4,880	2,480	2,030	2,170	3,420	3,020	3,200	2,710	2,550	2,610
23	5,130	4,660	4,840	2,420	2,240	2,330	3,680	3,240	3,540	2,690	2,460	2,530
24	4,780	3,750	4,220	2,490	2,320	2,430	3,620	3,090	3,350	2,730	2,460	2,660
25	3,770	3,020	3,470	3,210	2,420	2,820	3,650	3,010	3,230	3,080	2,650	2,830
26	3,620	2,910	3,170	3,480	2,900	3,050	3,680	3,190	3,520	2,780	2,540	2,600
27	4,230	3,330	3,920	3,870	3,480	3,730	3,840	3,150	3,460	3,070	2,700	2,950
28	5,060	3,910	4,500	3,860	3,490	3,670	3,500	3,250	3,360	3,180	2,940	3,040
29	5,080	4,360	4,730	3,930	3,530	3,830	3,340	2,820	3,070	3,000	2,610	2,880
30	---	---	---	3,670	3,540	3,590	3,010	2,720	2,870	3,340	2,760	3,130
31	4,350	4,110	4,270	---	---	---	3,240	2,860	2,990	3,300	2,710	2,960
Month	---	---	---	5,170	2,030	3,550	---	---	---	3,610	2,360	2,900

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

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

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	3,080	2,650	2,890	2,580	2,200	2,370	2,440	2,390	2,410	2,840	2,310	2,550
2	2,940	2,540	2,660	2,440	1,960	2,250	2,480	2,400	2,450	2,840	2,560	2,690
3	3,060	2,870	2,970	2,330	1,890	2,170	2,500	2,290	2,390	2,800	2,570	2,650
4	3,340	2,960	3,220	2,370	1,890	2,200	2,500	2,190	2,400	2,600	2,440	2,490
5	3,260	2,670	2,970	2,560	2,340	2,450	2,560	2,440	2,470	2,900	2,300	2,550
6	2,910	2,280	2,560	2,530	2,090	2,290	2,510	2,400	2,470	2,910	2,170	2,440
7	2,670	2,250	2,380	2,430	2,080	2,310	2,530	2,390	2,480	---	---	---
8	2,340	2,220	2,280	2,360	2,100	2,150	2,490	2,340	2,400	---	---	---
9	2,380	2,250	2,280	2,260	2,120	2,160	2,530	2,280	2,400	2,790	2,150	2,410
10	2,380	2,300	2,350	2,500	2,080	2,280	2,550	2,360	2,420	3,140	2,240	2,750
11	2,390	2,310	2,360	2,400	2,220	2,340	2,510	2,290	2,400	3,130	2,700	2,890
12	2,380	2,240	2,300	2,320	2,020	2,120	2,580	2,420	2,500	3,150	2,780	3,000
13	2,320	2,190	2,250	2,440	2,100	2,270	2,590	2,440	2,510	3,070	2,610	2,820
14	2,410	2,160	2,260	2,390	2,220	2,300	2,610	2,420	2,510	2,920	2,670	2,780
15	2,290	2,150	2,220	2,380	2,160	2,260	2,570	2,320	2,410	7,740	2,910	4,350
16	2,200	2,030	2,140	2,320	2,070	2,180	2,430	2,320	2,380	11,500	7,690	9,420
17	2,350	2,110	2,230	2,220	2,030	2,130	2,410	2,090	2,260	11,600	7,540	9,370
18	2,500	2,210	2,310	2,250	2,060	2,160	2,200	2,110	2,160	7,540	3,060	4,800
19	2,290	2,120	2,210	2,280	2,130	2,220	2,220	2,070	2,120	4,990	3,040	3,690
20	2,520	2,200	2,360	2,400	2,200	2,320	2,400	2,130	2,260	6,380	4,620	5,550
21	2,450	2,230	2,330	2,310	2,120	2,200	2,400	2,120	2,260	6,460	5,260	5,970
22	2,450	2,300	2,410	---	---	---	2,470	2,260	2,370	5,310	4,000	4,630
23	2,380	2,070	2,270	---	---	---	2,780	2,360	2,530	5,720	3,950	4,630
24	2,160	1,960	2,040	---	---	---	2,870	2,720	2,790	5,820	4,020	4,960
25	2,350	2,010	2,210	---	---	---	2,880	2,680	2,800	6,230	4,320	5,620
26	2,520	2,220	2,390	---	---	---	2,870	2,570	2,710	5,830	5,010	5,460
27	2,600	2,190	2,390	---	---	---	2,910	2,590	2,790	6,000	5,240	5,730
28	2,520	2,220	2,350	---	---	---	2,920	2,640	2,800	6,470	5,350	5,940
29	---	---	---	2,350	2,290	2,320	2,840	2,570	2,680	6,010	4,500	5,580
30	---	---	---	2,340	2,180	2,300	2,800	2,480	2,650	5,010	3,990	4,230
31	---	---	---	2,510	2,300	2,420	---	---	---	6,720	4,350	5,310
Month	3,340	1,960	2,410	---	---	---	2,920	2,070	2,470	---	---	---

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

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

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	6,970	5,610	6,100	---	---	---	---	---	---	---	---	---
2	7,960	6,510	7,260	---	---	---	---	---	---	---	---	---
3	7,890	7,300	7,610	---	---	---	---	---	---	---	---	---
4	7,300	6,780	6,980	---	---	---	---	---	---	---	---	---
5	6,900	6,590	6,770	---	---	---	---	---	---	---	---	---
6	6,790	6,490	6,620	---	---	---	---	---	---	---	---	---
7	6,660	6,320	6,490	---	---	---	---	---	---	---	---	---
8	6,590	6,310	6,460	---	---	---	---	---	---	---	---	---
9	6,650	5,740	6,370	---	---	---	---	---	---	---	---	---
10	5,920	5,380	5,690	---	---	---	---	---	---	---	---	---
11	5,990	5,050	5,500	---	---	---	---	---	---	---	---	---
12	5,920	5,690	5,760	---	---	---	---	---	---	---	---	---
13	5,880	4,430	5,190	---	---	---	---	---	---	---	---	---
14	4,550	3,170	3,780	---	---	---	---	---	---	---	---	---
15	5,410	3,040	3,400	---	---	---	---	---	---	---	---	---
16	6,120	5,250	5,580	---	---	---	---	---	---	---	---	---
17	5,840	5,390	5,600	---	---	---	---	---	---	---	---	---
18	5,820	5,560	5,770	---	---	---	---	---	---	---	---	---
19	5,650	5,440	5,500	---	---	---	---	---	---	---	---	---
20	5,560	5,220	5,440	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

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

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	February			March			April			May		
1	---	---	---	---	---	---	---	---	---	7.3	7.2	7.3
2	---	---	---	---	---	---	---	---	---	8.0	7.1	7.4
3	---	---	---	---	---	---	---	---	---	8.0	7.6	7.8
4	---	---	---	---	---	---	---	---	---	8.3	7.8	8.1
5	---	---	---	---	---	---	---	---	---	8.2	7.9	8.1
6	---	---	---	---	---	---	---	---	---	8.2	7.7	8.0
7	---	---	---	---	---	---	---	---	---	8.1	7.6	8.0
8	---	---	---	---	---	---	---	---	---	8.2	7.6	7.9
9	---	---	---	---	---	---	---	---	---	8.4	7.7	7.9
10	---	---	---	---	---	---	---	---	---	8.2	8.0	8.1
11	---	---	---	---	---	---	---	---	---	8.1	7.9	8.0
12	---	---	---	---	---	---	---	---	---	8.1	7.8	7.9
13	---	---	---	---	---	---	---	---	---	8.1	7.8	8.0
14	---	---	---	---	---	---	---	---	---	8.0	7.8	7.9
15	---	---	---	---	---	---	---	---	---	8.0	7.8	7.9
16	---	---	---	---	---	---	---	---	---	8.1	7.8	7.9
17	---	---	---	---	---	---	---	---	---	8.2	7.9	8.0
18	---	---	---	---	---	---	---	---	---	8.2	8.0	8.1
19	---	---	---	---	---	---	---	---	---	8.1	7.9	8.0
20	---	---	---	---	---	---	---	---	---	8.1	7.8	8.0
21	---	---	---	---	---	---	---	---	---	8.4	8.0	8.2
22	---	---	---	---	---	---	---	---	---	8.2	8.0	8.1
23	---	---	---	---	---	---	---	---	---	8.3	8.0	8.2
24	---	---	---	---	---	---	---	---	---	8.3	8.0	8.2
25	---	---	---	---	---	---	8.4	7.7	7.9	8.2	8.0	8.1
26	---	---	---	---	---	---	8.1	7.7	7.9	8.0	7.8	7.9
27	---	---	---	---	---	---	8.0	7.6	7.8	8.1	7.8	7.9
28	---	---	---	---	---	---	8.0	7.6	7.8	8.2	7.9	8.0
29	---	---	---	---	---	---	8.0	7.4	7.6	8.3	7.9	8.1
30	---	---	---	---	---	---	7.5	7.3	7.4	8.3	8.0	8.1
31	---	---	---	---	---	---	---	---	---	8.2	8.0	8.1
Max	---	---	---	---	---	---	---	---	---	8.4	8.0	8.2
Min	---	---	---	---	---	---	---	---	---	7.3	7.1	7.3

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	June			July			August			September		
1	8.2	7.9	8.0	8.5	7.9	8.3	9.1	8.5	8.8	7.9	7.6	7.7
2	8.1	7.8	7.9	8.6	8.0	8.4	9.0	8.8	8.9	8.3	7.6	7.7
3	8.0	7.8	7.9	8.6	8.2	8.4	8.9	8.5	8.7	8.5	7.8	8.1
4	8.2	7.6	7.9	8.5	8.0	8.3	8.8	8.4	8.6	8.6	8.2	8.4
5	8.1	7.8	8.0	8.3	8.0	8.2	8.8	8.2	8.6	8.6	8.1	8.5
6	8.3	7.9	8.1	8.4	8.0	8.1	8.8	8.0	8.6	8.5	8.2	8.3
7	8.3	7.8	8.0	8.5	8.0	8.2	8.8	8.4	8.7	8.8	8.1	8.6
8	8.2	7.9	8.1	8.7	8.2	8.5	8.8	8.4	8.6	8.8	8.5	8.6
9	8.2	7.8	8.0	8.8	8.5	8.7	8.7	8.2	8.4	9.0	8.5	8.8
10	8.2	7.9	8.0	8.8	8.2	8.7	8.9	8.3	8.7	9.0	8.7	8.9
11	8.1	7.8	8.0	8.8	8.4	8.6	8.8	8.5	8.7	8.8	8.5	8.7
12	8.1	7.8	7.9	8.7	8.3	8.5	8.8	8.3	8.6	8.8	8.2	8.5
13	8.2	7.6	7.9	8.5	8.2	8.4	8.9	8.6	8.8	8.8	8.3	8.7
14	8.0	7.8	7.9	8.6	8.0	8.3	8.9	8.7	8.8	8.7	8.3	8.5
15	8.2	7.6	7.8	8.8	8.0	8.4	8.8	8.6	8.7	8.8	8.3	8.5
16	8.5	7.6	8.3	8.9	8.2	8.7	8.7	8.4	8.6	8.7	8.0	8.5
17	8.6	8.2	8.4	9.0	8.0	8.7	8.6	8.4	8.5	8.8	8.0	8.4
18	8.4	8.1	8.3	9.0	8.6	8.8	8.8	8.3	8.6	9.0	8.3	8.7
19	8.2	8.0	8.1	9.0	8.6	8.8	8.8	8.4	8.6	9.0	8.6	8.9
20	8.1	7.8	8.0	9.1	8.5	8.8	8.7	8.4	8.6	8.9	8.5	8.8
21	8.5	7.8	8.2	8.9	8.4	8.7	8.6	8.3	8.5	8.9	8.4	8.7
22	8.6	8.1	8.4	8.4	7.9	8.2	8.6	8.2	8.4	9.1	8.2	8.8
23	8.3	8.0	8.2	8.0	7.7	7.8	8.7	8.1	8.4	9.0	8.8	9.0
24	8.2	7.9	8.0	8.4	7.6	8.1	8.8	8.3	8.6	8.8	8.4	8.6
25	8.2	7.8	8.0	8.6	8.3	8.5	9.0	8.3	8.7	8.6	8.2	8.5
26	8.0	7.8	7.9	8.6	8.2	8.5	9.0	8.6	8.8	9.0	8.4	8.7
27	8.0	7.8	7.9	8.8	8.4	8.6	8.9	8.6	8.8	8.9	8.3	8.7
28	8.1	7.8	7.9	8.7	8.3	8.5	8.9	8.6	8.8	9.0	8.5	8.8
29	8.3	7.9	8.1	8.5	8.1	8.4	8.9	8.7	8.8	8.9	8.5	8.7
30	8.4	7.8	8.2	8.7	8.2	8.4	8.8	8.4	8.7	9.0	8.4	8.7
31	---	---	---	8.9	8.4	8.8	8.4	7.7	8.1	---	---	---
Max	8.6	8.2	8.4	9.1	8.6	8.8	9.1	8.8	8.9	9.1	8.8	9.0
Min	8.0	7.6	7.8	8.0	7.6	7.8	8.4	7.7	8.1	7.9	7.6	7.7

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

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

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	October			November			December			January		
1	9.1	8.7	8.9	8.6	8.0	8.3	---	---	---	8.4	7.9	8.1
2	9.0	8.6	8.8	8.3	7.9	8.1	---	---	---	7.9	7.8	7.8
3	9.2	8.7	8.9	8.1	7.8	7.9	---	---	---	8.3	7.7	8.0
4	9.3	8.9	9.1	8.1	7.9	7.9	---	---	---	8.3	7.9	8.2
5	9.1	8.7	9.0	8.2	7.8	8.0	---	---	---	8.5	8.0	8.1
6	9.0	8.1	8.6	8.3	8.0	8.2	---	---	---	8.2	7.8	8.0
7	8.9	8.2	8.6	8.4	8.0	8.2	---	---	---	8.2	7.7	7.8
8	8.6	8.0	8.3	8.4	8.0	8.2	---	---	---	7.8	7.7	7.7
9	8.6	7.9	8.1	8.4	8.0	8.2	---	---	---	8.0	7.6	7.8
10	8.8	7.9	8.4	8.5	8.0	8.2	---	---	---	7.8	7.6	7.7
11	8.7	8.1	8.4	8.6	7.9	8.3	---	---	---	8.0	7.6	7.8
12	8.7	8.2	8.5	8.4	7.9	8.1	---	---	---	8.2	7.8	7.9
13	8.6	8.3	8.4	8.0	7.8	7.9	---	---	---	8.3	7.8	8.0
14	8.7	7.9	8.4	8.4	7.8	8.1	---	---	---	8.3	7.8	8.0
15	8.8	8.3	8.6	8.6	7.8	8.2	---	---	---	8.2	7.8	7.9
16	8.8	8.6	8.7	8.3	8.0	8.1	---	---	---	7.8	7.6	7.8
17	8.7	8.2	8.5	8.3	7.9	8.1	---	---	---	7.7	7.6	7.6
18	8.7	8.2	8.5	8.2	7.9	8.1	---	---	---	7.6	7.4	7.5
19	8.6	8.1	8.4	8.3	8.0	8.1	8.1	7.8	7.9	7.6	7.3	7.4
20	8.6	8.2	8.4	8.2	7.8	8.0	8.0	7.8	7.8	7.5	7.4	7.4
21	8.5	7.8	8.2	7.8	7.7	7.7	8.3	7.8	8.0	7.5	7.3	7.4
22	8.4	8.0	8.3	7.8	7.6	7.8	8.2	7.9	8.0	7.5	7.4	7.5
23	8.3	8.0	8.1	7.9	7.7	7.8	8.1	7.9	8.0	7.6	7.4	7.5
24	8.1	7.9	8.0	8.0	7.8	7.9	8.2	7.9	8.0	7.7	7.5	7.6
25	8.0	7.8	7.9	8.1	7.8	7.8	7.9	7.7	7.8	7.7	7.5	7.6
26	8.1	7.8	7.9	8.2	7.6	7.8	7.9	7.7	7.8	7.6	7.4	7.4
27	8.3	7.9	8.1	---	---	---	8.0	7.8	7.8	7.6	7.5	7.5
28	8.1	7.9	8.0	---	---	---	8.5	7.8	8.1	7.6	7.5	7.5
29	8.2	7.8	8.0	---	---	---	8.6	8.0	8.3	7.5	7.4	7.5
30	---	---	---	---	---	---	8.6	8.2	8.5	7.6	7.4	7.5
31	8.4	7.8	8.1	---	---	---	8.8	8.3	8.5	7.5	7.4	7.4
Max	---	---	---	---	---	---	---	---	---	8.5	8.0	8.2
Min	---	---	---	---	---	---	---	---	---	7.5	7.3	7.4

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

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

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	February			March			April			May		
1	7.5	7.4	7.4	8.2	7.8	7.9	8.3	7.6	7.9	8.7	7.8	8.1
2	7.5	7.4	7.4	8.0	7.7	7.8	8.1	7.7	7.8	8.2	7.8	8.0
3	7.6	7.5	7.5	8.3	7.8	8.0	8.4	7.6	8.0	7.9	7.7	7.8
4	7.6	7.5	7.6	8.3	7.8	8.0	8.0	7.6	7.8	8.3	7.6	7.8
5	7.6	7.4	7.5	8.1	7.7	8.0	8.1	7.5	7.7	8.7	7.6	8.1
6	7.5	7.3	7.4	8.0	7.6	7.7	8.1	7.6	7.8	8.1	7.5	7.7
7	7.4	7.3	7.3	7.8	7.6	7.7	7.8	7.6	7.7	---	---	---
8	7.4	7.3	7.3	7.8	7.6	7.7	7.9	7.6	7.7	---	---	---
9	7.4	7.3	7.3	7.9	7.6	7.7	8.0	7.5	7.8	8.3	7.5	7.8
10	7.4	7.3	7.3	8.1	7.6	7.9	8.0	7.6	7.8	8.6	7.8	8.2
11	7.4	7.3	7.4	8.0	7.7	7.8	7.8	7.6	7.7	8.7	8.1	8.4
12	7.4	7.3	7.4	8.2	7.6	7.8	7.9	7.6	7.7	8.7	8.2	8.4
13	7.5	7.3	7.4	8.4	7.8	8.1	8.2	7.6	7.8	8.3	7.5	7.7
14	7.5	7.3	7.4	8.5	7.8	8.1	8.2	7.6	7.8	8.3	7.4	7.9
15	7.5	7.3	7.4	8.5	7.8	8.1	7.8	7.6	7.7	8.1	7.8	8.0
16	7.5	7.3	7.4	8.1	7.7	7.8	7.7	7.6	7.6	7.9	7.7	7.8
17	7.5	7.3	7.4	7.8	7.6	7.7	7.6	7.5	7.6	7.8	7.6	7.7
18	7.5	7.3	7.4	7.9	7.6	7.8	7.8	7.5	7.6	7.8	7.7	7.7
19	7.3	7.3	7.3	8.1	7.7	7.8	8.0	7.4	7.7	8.3	7.7	8.1
20	7.6	7.3	7.6	8.1	7.7	7.8	8.0	7.6	7.8	8.3	8.0	8.1
21	7.9	7.5	7.7	7.9	7.6	7.8	8.4	7.6	8.1	8.4	7.9	8.1
22	7.9	7.7	7.8	---	---	---	8.5	7.9	8.2	8.5	7.8	8.2
23	7.7	7.5	7.6	---	---	---	8.3	7.9	8.0	8.4	7.9	8.2
24	7.6	7.5	7.6	---	---	---	7.9	7.7	7.8	8.3	7.9	8.1
25	7.7	7.5	7.6	---	---	---	8.1	7.6	7.8	8.3	8.0	8.2
26	8.2	7.6	7.8	---	---	---	8.2	7.7	7.8	8.3	7.9	8.1
27	8.3	7.7	7.9	---	---	---	7.9	7.7	7.8	8.2	7.8	8.0
28	8.2	7.7	7.9	---	---	---	8.1	7.6	7.8	8.1	7.8	8.0
29	---	---	---	7.9	7.4	7.6	8.4	7.6	8.0	8.5	7.8	8.0
30	---	---	---	8.2	7.5	7.8	8.5	7.7	8.1	---	---	---
31	---	---	---	8.3	7.7	8.0	---	---	---	---	---	---
Max	8.3	7.7	7.9	---	---	---	8.5	7.9	8.2	---	---	---
Min	7.3	7.3	7.3	---	---	---	7.6	7.4	7.6	---	---	---

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

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

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	June			July			August			September		
1	---	---	---	---	---	---	---	---	---	---	---	---
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	---	---	---	---	---	---	---	---	---	---	---	---

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

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

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
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	---	---	---	---	---	---	---	---	---	12.5	11.1	11.8
2	---	---	---	---	---	---	---	---	---	15.3	11.1	12.8
3	---	---	---	---	---	---	---	---	---	15.7	13.8	14.7
4	---	---	---	---	---	---	---	---	---	18.0	15.0	16.3
5	---	---	---	---	---	---	---	---	---	18.5	16.7	17.5
6	---	---	---	---	---	---	---	---	---	19.2	18.1	18.9
7	---	---	---	---	---	---	---	---	---	19.5	18.1	19.0
8	---	---	---	---	---	---	---	---	---	18.1	16.1	17.3
9	---	---	---	---	---	---	---	---	---	18.1	15.9	16.9
10	---	---	---	---	---	---	---	---	---	19.6	16.4	18.0
11	---	---	---	---	---	---	---	---	---	20.4	18.3	19.3
12	---	---	---	---	---	---	---	---	---	21.3	19.0	20.0
13	---	---	---	---	---	---	---	---	---	21.9	20.0	20.6
14	---	---	---	---	---	---	---	---	---	21.1	19.4	20.3
15	---	---	---	---	---	---	---	---	---	20.1	19.0	19.5
16	---	---	---	---	---	---	---	---	---	20.7	19.1	19.8
17	---	---	---	---	---	---	---	---	---	21.5	19.3	20.3
18	---	---	---	---	---	---	---	---	---	22.1	20.4	21.1
19	---	---	---	---	---	---	---	---	---	21.2	19.8	20.6
20	---	---	---	---	---	---	---	---	---	21.9	19.8	20.9
21	---	---	---	---	---	---	---	---	---	23.2	20.5	21.6
22	---	---	---	---	---	---	---	---	---	22.4	20.5	21.6
23	---	---	---	---	---	---	---	---	---	21.7	20.4	21.0
24	---	---	---	---	---	---	---	---	---	22.2	20.4	21.2
25	---	---	---	---	---	---	23.4	21.1	22.1	23.4	20.7	21.9
26	---	---	---	---	---	---	22.5	19.0	20.6	24.6	22.3	23.2
27	---	---	---	---	---	---	19.2	16.3	17.6	24.5	22.9	23.6
28	---	---	---	---	---	---	17.5	15.5	16.4	26.1	23.9	24.8
29	---	---	---	---	---	---	16.5	13.3	14.9	25.3	24.0	24.6
30	---	---	---	---	---	---	14.9	11.5	13.1	26.4	23.8	24.7
31	---	---	---	---	---	---	---	---	---	27.4	24.7	25.7
Month	---	---	---	---	---	---	---	---	---	27.4	11.1	20.0

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
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	28.1	25.4	26.6	28.0	25.8	26.8	31.8	29.9	30.5	25.8	24.7	25.3
2	27.2	25.5	26.2	28.8	26.7	27.6	32.8	30.8	31.7	24.7	23.3	24.0
3	25.9	24.5	25.3	29.0	27.2	28.1	32.6	30.7	31.6	25.8	23.6	24.6
4	25.4	23.6	24.4	28.4	27.2	27.7	32.7	31.0	31.8	26.7	25.1	25.9
5	24.4	23.2	23.7	28.4	26.8	27.6	31.9	30.3	31.3	27.1	26.2	26.5
6	23.6	22.3	23.0	27.7	26.0	27.0	31.4	29.4	30.4	26.5	25.0	25.7
7	23.8	21.3	22.5	26.0	24.5	25.1	31.2	29.8	30.4	25.3	23.9	24.6
8	25.2	22.7	23.8	25.1	23.4	24.3	30.5	29.3	29.9	24.9	24.1	24.5
9	25.8	23.3	24.4	26.6	23.7	24.9	29.7	28.1	28.9	25.2	23.8	24.4
10	25.6	23.6	24.6	27.9	25.1	26.3	29.3	28.3	28.7	26.0	24.4	25.1
11	25.2	23.8	24.4	29.0	26.7	27.5	28.7	25.8	27.5	25.4	21.9	23.9
12	24.5	23.4	24.0	29.2	27.1	28.1	25.8	23.4	24.2	22.2	20.3	21.2
13	24.6	22.4	23.4	29.2	27.4	28.3	25.5	23.4	24.4	22.3	20.8	21.7
14	23.6	22.4	23.2	28.8	27.2	28.0	26.7	24.2	25.5	22.8	22.0	22.3
15	23.9	21.5	22.7	28.9	27.3	28.1	27.0	25.0	26.1	23.1	22.4	22.6
16	25.1	22.9	24.1	29.3	27.6	28.5	27.5	26.0	26.7	22.9	22.0	22.4
17	26.2	24.2	25.0	30.5	28.1	29.1	27.6	26.6	27.1	23.7	21.5	22.5
18	26.1	24.3	25.1	31.0	28.7	29.7	28.8	26.7	27.6	24.7	22.4	23.5
19	26.5	24.5	25.4	30.8	29.1	29.9	29.9	27.4	28.2	24.8	23.6	24.2
20	27.1	24.9	26.0	31.3	28.5	29.8	29.2	27.4	28.3	24.7	22.9	24.0
21	27.8	26.4	27.0	30.6	29.0	29.8	28.6	27.5	27.9	22.9	21.1	21.9
22	28.8	26.3	27.4	29.6	28.4	28.9	27.7	26.9	27.3	23.2	20.3	21.7
23	28.8	27.3	28.1	28.4	27.1	27.7	27.7	26.3	26.9	23.4	21.7	22.5
24	28.1	27.1	27.6	28.6	26.3	27.4	28.6	26.6	27.5	24.9	22.8	23.8
25	28.2	26.6	27.4	28.0	27.0	27.6	29.8	27.1	27.9	24.4	23.5	24.0
26	27.5	26.6	27.1	28.6	26.7	27.6	29.2	27.7	28.4	24.3	22.3	23.3
27	26.6	25.9	26.3	30.0	27.8	28.8	29.1	27.5	28.2	24.0	22.0	22.9
28	26.7	25.6	26.2	30.4	28.7	29.5	29.6	27.7	28.4	23.7	22.1	23.0
29	27.7	26.4	27.0	29.4	28.0	28.8	29.9	28.4	29.2	22.8	21.5	22.2
30	27.4	26.0	26.7	29.7	28.1	29.0	29.7	28.1	28.8	22.9	20.9	21.6
31	---	---	---	31.1	28.8	30.0	28.4	25.6	27.3	---	---	---
Month	28.8	21.3	25.3	31.3	23.4	28.0	32.8	23.4	28.3	27.1	20.3	23.5

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

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

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	22.0	21.0	21.5	17.5	15.2	16.2	15.8	14.4	15.1	13.0	11.6	12.3
2	23.2	20.9	21.9	17.0	14.1	16.2	15.8	14.4	15.2	12.8	11.5	12.2
3	23.5	21.2	22.1	14.1	10.5	12.1	14.4	12.9	13.7	12.1	10.7	11.3
4	23.6	21.6	22.5	10.8	9.6	10.1	13.9	10.1	11.9	12.8	11.5	12.2
5	23.3	21.9	22.6	11.1	9.2	10.1	10.5	9.4	9.9	13.7	12.5	13.2
6	22.6	21.4	21.9	11.6	10.1	10.8	10.4	9.2	9.8	14.9	13.6	14.3
7	22.6	21.4	21.9	13.3	11.3	12.2	11.5	9.8	10.7	15.3	14.5	14.9
8	22.0	20.1	21.2	15.4	13.2	14.3	---	---	---	15.4	13.9	15.1
9	20.7	19.6	20.0	16.4	14.8	15.6	---	---	---	13.9	11.5	12.2
10	21.6	20.0	20.7	16.2	15.1	15.6	---	---	---	11.5	8.0	9.0
11	22.1	20.6	21.4	17.1	15.4	16.4	---	---	---	8.7	7.4	8.0
12	22.6	21.5	22.0	17.0	15.2	16.5	---	---	---	9.4	7.8	8.6
13	21.8	18.6	20.0	15.2	14.1	14.4	---	---	---	11.1	9.2	10.2
14	18.8	17.1	18.0	15.7	14.2	14.9	---	---	---	12.8	10.9	11.8
15	18.5	16.6	17.4	16.3	14.9	15.4	---	---	---	13.5	11.8	12.7
16	18.4	17.0	17.7	17.0	15.6	16.3	---	---	---	13.3	11.1	12.8
17	18.3	17.4	17.8	16.5	15.2	15.6	---	---	---	11.1	6.6	8.4
18	19.2	17.9	18.5	15.2	13.4	14.3	---	---	---	7.4	6.2	6.8
19	20.4	18.7	19.5	13.4	12.0	12.7	11.9	10.2	11.1	8.4	7.0	7.7
20	21.1	19.6	20.3	12.2	10.4	11.6	10.2	9.0	9.6	7.6	5.4	6.3
21	19.9	18.0	18.8	11.2	10.0	10.4	10.2	9.0	9.7	5.4	3.9	4.7
22	18.0	17.3	17.7	13.4	11.2	12.5	11.1	10.2	10.6	6.3	5.3	6.0
23	17.6	15.2	16.7	12.5	11.6	12.1	12.2	11.1	11.7	6.8	6.0	6.4
24	15.2	12.3	13.3	12.2	11.3	11.6	12.3	11.1	11.8	6.9	5.6	6.2
25	12.3	11.0	11.5	12.3	11.4	11.8	12.3	10.6	11.4	6.8	5.4	6.2
26	12.3	10.6	11.4	12.9	11.6	12.2	12.5	11.8	12.3	5.4	3.0	3.8
27	12.5	11.6	12.1	13.1	12.1	12.5	11.8	10.3	11.2	5.8	3.9	4.9
28	15.1	12.2	13.8	13.1	12.6	12.8	11.4	9.7	10.4	6.7	5.5	6.0
29	14.2	12.9	13.6	14.2	13.1	13.4	11.5	10.4	10.8	6.0	3.8	4.5
30	---	---	---	14.7	13.8	14.3	11.5	10.3	11.0	4.8	3.2	4.1
31	15.6	13.7	14.7	---	---	---	12.0	10.8	11.4	4.5	2.9	3.7
Month	---	---	---	17.5	9.2	13.5	---	---	---	15.4	2.9	8.9

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

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

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	3.5	2.9	3.2	10.2	8.4	9.5	17.7	15.2	16.3	22.7	20.5	21.6
2	4.3	3.5	3.9	11.8	9.9	11.0	19.3	16.3	17.7	23.1	20.7	21.8
3	5.2	3.9	4.5	12.5	11.1	11.7	21.5	18.4	19.7	21.8	17.6	19.7
4	5.4	4.1	4.6	12.0	10.3	11.1	20.2	18.6	19.5	17.6	15.9	16.8
5	4.6	2.3	3.5	10.3	8.5	9.7	19.4	16.6	17.8	17.8	15.4	16.5
6	2.3	0.6	1.5	9.8	6.6	8.1	16.6	14.0	15.1	17.4	12.7	15.8
7	3.2	1.3	2.0	8.5	6.2	7.4	14.6	9.8	12.4	---	---	---
8	3.4	1.6	2.4	8.4	5.8	7.1	12.6	9.7	11.0	---	---	---
9	3.3	1.6	2.4	8.6	5.6	7.2	12.6	9.3	11.0	17.3	14.5	15.9
10	4.4	1.9	3.1	10.0	7.2	8.6	13.2	9.2	11.1	19.4	16.4	18.2
11	4.4	2.1	3.1	12.2	9.1	10.3	12.3	10.8	11.5	22.0	18.4	20.1
12	5.2	2.9	3.9	12.8	9.4	10.8	14.7	11.5	13.2	23.6	21.1	22.1
13	7.6	4.6	6.2	12.3	10.5	11.3	16.9	13.6	14.9	23.3	18.1	20.8
14	7.5	6.5	7.1	14.2	11.5	12.6	15.2	13.8	14.3	20.7	16.8	18.6
15	6.5	4.3	5.2	15.3	13.0	14.1	15.2	14.0	14.6	20.8	17.6	19.4
16	4.6	2.5	3.7	14.9	13.7	14.4	14.9	12.2	13.4	21.4	18.9	20.2
17	4.5	2.4	3.6	13.7	9.4	11.0	12.4	10.8	11.7	20.6	19.1	20.0
18	5.0	3.5	4.2	9.4	8.2	8.7	12.2	10.5	11.4	19.1	16.0	17.5
19	3.5	1.4	2.6	10.8	8.1	9.3	13.0	9.9	11.6	18.2	15.5	17.0
20	5.3	2.6	4.1	12.6	9.4	10.9	14.6	11.0	12.8	19.3	17.0	18.1
21	7.0	4.8	5.8	11.4	10.1	10.4	15.0	12.3	13.6	21.4	18.4	19.7
22	8.7	6.7	7.7	---	---	---	17.4	13.8	15.3	22.3	18.4	20.3
23	8.3	5.6	7.2	---	---	---	18.0	15.8	16.7	22.3	19.3	20.6
24	6.3	3.7	5.0	---	---	---	19.0	16.3	17.5	23.1	19.4	21.0
25	6.9	5.5	6.1	---	---	---	21.2	18.0	19.3	23.4	20.6	21.8
26	9.5	6.9	8.2	---	---	---	20.4	19.0	19.7	24.7	21.5	22.9
27	10.3	8.0	9.0	---	---	---	20.9	19.1	19.9	25.5	22.4	23.8
28	10.7	8.4	9.6	---	---	---	21.6	19.8	20.6	25.8	23.0	24.3
29	---	---	---	16.2	14.1	15.0	21.9	19.3	20.6	27.0	23.8	25.0
30	---	---	---	15.6	12.6	14.0	22.4	20.0	21.2	26.1	22.6	24.2
31	---	---	---	16.2	13.4	14.7	---	---	---	26.0	23.4	24.7
Month	10.7	0.6	4.8	---	---	---	22.4	9.2	15.5	---	---	---

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

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

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	26.1	23.5	24.7	---	---	---	---	---	---	---	---	---
2	25.8	24.0	24.7	---	---	---	---	---	---	---	---	---
3	24.5	23.4	24.0	---	---	---	---	---	---	---	---	---
4	25.7	23.2	24.3	---	---	---	---	---	---	---	---	---
5	26.4	24.0	25.2	---	---	---	---	---	---	---	---	---
6	26.9	24.7	25.7	---	---	---	---	---	---	---	---	---
7	26.6	24.1	25.5	---	---	---	---	---	---	---	---	---
8	28.1	25.1	26.5	---	---	---	---	---	---	---	---	---
9	28.0	26.6	27.2	---	---	---	---	---	---	---	---	---
10	26.8	24.3	25.9	---	---	---	---	---	---	---	---	---
11	26.2	23.5	24.5	---	---	---	---	---	---	---	---	---
12	27.3	24.3	25.6	---	---	---	---	---	---	---	---	---
13	26.4	23.4	24.9	---	---	---	---	---	---	---	---	---
14	23.7	19.4	21.8	---	---	---	---	---	---	---	---	---
15	21.5	18.6	19.9	---	---	---	---	---	---	---	---	---
16	23.2	20.1	21.7	---	---	---	---	---	---	---	---	---
17	25.4	22.2	23.5	---	---	---	---	---	---	---	---	---
18	27.0	23.9	25.2	---	---	---	---	---	---	---	---	---
19	28.4	25.5	26.6	---	---	---	---	---	---	---	---	---
20	27.1	25.6	26.3	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

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

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
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	---	---	---	---	---	---	---	---	---	11.7	11.0	11.4
2	---	---	---	---	---	---	---	---	---	12.1	11.2	11.6
3	---	---	---	---	---	---	---	---	---	11.6	10.8	11.1
4	---	---	---	---	---	---	---	---	---	11.2	10.5	10.9
5	---	---	---	---	---	---	---	---	---	10.8	10.1	10.4
6	---	---	---	---	---	---	---	---	---	10.2	8.9	9.8
7	---	---	---	---	---	---	---	---	---	10.2	8.7	9.7
8	---	---	---	---	---	---	---	---	---	10.5	9.6	9.9
9	---	---	---	---	---	---	---	---	---	11.1	9.9	10.4
10	---	---	---	---	---	---	---	---	---	10.7	10.0	10.3
11	---	---	---	---	---	---	---	---	---	10.0	8.8	9.5
12	---	---	---	---	---	---	---	---	---	9.5	8.6	9.0
13	---	---	---	---	---	---	---	---	---	9.3	8.6	9.0
14	---	---	---	---	---	---	---	---	---	9.1	8.6	8.9
15	---	---	---	---	---	---	---	---	---	9.3	8.6	9.0
16	---	---	---	---	---	---	---	---	---	9.7	8.8	9.2
17	---	---	---	---	---	---	---	---	---	9.8	8.9	9.3
18	---	---	---	---	---	---	---	---	---	9.5	8.9	9.2
19	---	---	---	---	---	---	---	---	---	9.4	8.8	9.1
20	---	---	---	---	---	---	---	---	---	9.3	8.8	9.1
21	---	---	---	---	---	---	---	---	---	10.1	8.9	9.4
22	---	---	---	---	---	---	---	---	---	9.8	8.9	9.3
23	---	---	---	---	---	---	---	---	---	9.4	8.8	9.2
24	---	---	---	---	---	---	---	---	---	9.5	7.9	8.9
25	---	---	---	---	---	---	9.9	8.6	9.2	9.2	8.3	8.9
26	---	---	---	---	---	---	9.7	8.6	9.1	8.8	8.2	8.5
27	---	---	---	---	---	---	10.2	9.1	9.6	9.2	8.2	8.7
28	---	---	---	---	---	---	10.4	9.6	10.1	9.3	8.5	8.8
29	---	---	---	---	---	---	11.0	10.0	10.6	9.4	8.3	8.8
30	---	---	---	---	---	---	11.4	10.8	11.1	9.3	8.0	8.8
31	---	---	---	---	---	---	---	---	---	9.2	8.2	8.7
Month	---	---	---	---	---	---	---	---	---	12.1	7.9	9.5

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
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	9.0	7.9	8.5	9.1	7.7	8.5	11.0	8.0	9.4	8.0	7.7	7.9
2	8.8	8.1	8.4	9.0	7.1	8.2	9.7	8.0	8.8	10.1	7.7	8.7
3	8.9	8.1	8.4	8.4	7.6	7.9	9.3	7.6	8.4	10.8	8.6	9.7
4	9.6	7.6	8.7	8.7	7.3	7.9	8.8	7.2	8.1	11.0	9.2	10.0
5	9.1	8.2	8.5	8.6	7.7	8.1	8.9	6.9	7.9	9.9	8.3	9.1
6	8.9	7.8	8.4	8.6	7.8	8.2	9.2	6.6	8.0	---	---	---
7	8.9	8.0	8.5	9.8	8.4	9.1	9.3	7.8	8.5	---	---	---
8	9.1	8.0	8.5	---	---	---	9.0	7.4	8.1	---	---	---
9	9.2	8.0	8.5	---	---	---	9.4	6.8	8.1	---	---	---
10	8.8	8.0	8.4	---	---	---	9.9	7.8	8.9	---	---	---
11	9.0	7.7	8.3	---	---	---	9.0	8.1	8.6	---	---	---
12	8.7	7.9	8.3	---	---	---	10.3	8.2	9.2	---	---	---
13	9.3	7.7	8.5	---	---	---	10.2	8.5	9.5	---	---	---
14	8.9	8.5	8.7	---	---	---	10.0	8.9	9.5	9.6	8.4	8.9
15	9.8	8.1	8.9	---	---	---	9.7	7.8	8.5	10.0	8.3	9.0
16	10.0	8.2	9.2	---	---	---	8.5	7.0	7.8	9.9	8.4	9.1
17	10.2	7.8	9.2	---	---	---	8.9	7.4	8.1	10.4	8.4	9.4
18	9.7	8.5	9.1	---	---	---	9.9	7.5	8.6	11.3	8.8	9.9
19	9.5	8.4	8.9	---	---	---	10.1	7.6	8.7	10.1	8.9	9.6
20	9.2	8.3	8.7	---	---	---	9.8	8.0	9.0	10.0	8.3	9.1
21	9.6	8.1	8.7	---	---	---	10.0	8.0	8.8	10.4	8.7	9.5
22	8.8	7.8	8.3	8.0	7.2	7.6	10.1	7.9	9.0	10.8	8.6	9.8
23	8.1	7.2	7.7	8.0	7.1	7.6	10.5	7.9	9.3	10.0	8.8	9.6
24	8.1	7.1	7.6	9.5	7.2	8.3	11.3	9.0	10	9.5	8.5	9.0
25	8.2	7.3	7.8	9.8	8.6	9.1	11.6	8.3	9.8	9.4	8.0	8.7
26	8.0	7.5	7.7	10.3	8.2	9.3	10.6	8.4	9.6	10.4	8.5	9.3
27	8.2	7.5	7.8	10.8	8.4	9.7	10.3	8.1	9.3	9.9	8.2	9.1
28	8.6	7.5	8.0	10.4	8.4	9.3	9.9	7.6	8.6	10.0	8.4	9.2
29	8.8	8.1	8.4	9.8	8.2	9.0	9.3	7.9	8.7	9.8	8.2	9.0
30	9.0	7.7	8.3	10.3	8.3	9.3	8.9	7.1	7.8	10.4	8.4	9.4
31	---	---	---	11.6	8.6	10.2	8.2	6.6	7.4	---	---	---
Month	10.2	7.1	8.4	---	---	---	11.6	6.6	8.7	---	---	---

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

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

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	10.6	8.7	9.6	11.8	10.4	11.1	10.8	9.7	10.3	12.3	11.3	11.7
2	10.9	9.0	9.9	11.0	10.1	10.7	10.3	9.5	9.9	11.6	11.2	11.4
3	11.0	9.1	10.0	12.2	10.7	11.7	10.8	9.8	10.3	12.3	11.2	11.7
4	10.4	8.9	9.7	13.1	12.1	12.7	10.9	10.2	10.5	12.3	11.6	12.0
5	9.6	8.4	9.0	13.1	12.4	12.9	11.4	10.6	11.0	12.3	11.6	11.9
6	9.4	8.0	8.7	13.4	12.6	13.0	11.5	11.1	11.3	11.6	10.7	11.3
7	9.7	8.1	8.8	13.1	12.2	12.8	11.4	10.8	11.1	11.4	10.5	10.9
8	9.9	8.6	9.2	12.5	11.3	12.0	---	---	---	10.9	10.6	10.7
9	10.3	8.9	9.4	12.0	11.3	11.7	---	---	---	11.8	10.6	11.2
10	10.5	8.8	9.5	12.4	10.9	11.6	---	---	---	13.2	11.6	12.5
11	9.7	8.5	9.1	12.4	11.2	11.8	---	---	---	13.5	12.7	13.1
12	9.6	8.5	9.0	11.5	10.6	10.9	---	---	---	13.5	12.9	13.2
13	9.5	8.2	8.9	11.9	11.0	11.4	---	---	---	13.3	12.8	13.1
14	9.9	8.5	9.2	12.5	11.0	11.6	---	---	---	12.9	12.4	12.7
15	10.3	8.9	9.6	12.6	10.8	11.6	---	---	---	12.7	11.9	12.4
16	---	---	---	11.8	10.6	11.2	---	---	---	11.9	11.6	11.7
17	---	---	---	11.8	10.6	11.1	---	---	---	13.8	11.9	13.1
18	---	---	---	12.0	11.1	11.5	---	---	---	13.8	13.4	13.7
19	---	---	---	12.5	11.3	11.9	11.6	11.2	11.5	13.4	12.9	13.2
20	---	---	---	12.8	11.9	12.4	12.2	11.4	11.9	13.6	12.9	13.4
21	---	---	---	13.2	12.6	12.9	12.2	11.7	11.9	14.3	13.6	14.0
22	---	---	---	12.7	11.3	11.9	12.0	11.6	11.8	13.8	13.5	13.6
23	---	---	---	12.2	11.7	11.9	11.6	11.3	11.5	13.8	13.5	13.6
24	---	---	---	12.5	11.7	12.0	11.7	11.2	11.4	13.9	13.6	13.7
25	---	---	---	12.4	11.3	11.9	11.6	11.1	11.3	13.9	13.4	13.7
26	---	---	---	12.2	11.1	11.6	11.1	10.9	11.0	14.7	13.7	14.3
27	---	---	---	11.7	10.7	11.4	11.7	11.0	11.3	14.2	13.8	14.0
28	---	---	---	11.8	11.1	11.5	12.4	11.5	11.9	13.9	13.4	13.7
29	---	---	---	11.7	10.8	11.3	12.5	11.6	12.1	14.4	13.3	14.0
30	---	---	---	11.7	10.8	11.2	12.8	12.0	12.5	14.4	14.0	14.2
31	11.4	10.4	11.0	---	---	---	12.9	12.3	12.5	14.8	14.0	14.5
Month	---	---	---	13.4	10.1	11.8	---	---	---	14.8	10.5	12.8

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

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

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	14.8	14.6	14.7	12.6	12.0	12.3	10.8	9.9	10.4	9.8	8.8	9.2
2	14.7	14.4	14.6	12.1	11.4	11.7	10.3	9.5	10	9.2	8.7	9.0
3	14.5	14.2	14.3	11.9	11.1	11.5	10.2	9.2	9.7	9.6	8.6	9.1
4	14.3	14.1	14.2	11.8	11.1	11.4	9.5	9.0	9.3	10.7	9.5	10.0
5	14.9	14.1	14.5	12.0	11.3	11.7	9.8	8.9	9.3	11.4	10.0	10.5
6	15.9	14.9	15.4	12.5	11.6	12.1	10.5	9.4	10	11.2	10.0	10.5
7	15.6	15.2	15.4	12.6	12.2	12.4	11.0	9.9	10.4	---	---	---
8	15.3	15.0	15.1	12.9	12.2	12.7	11.2	10.7	11.0	---	---	---
9	15.3	14.9	15.1	13.1	12.6	12.8	11.6	10.7	11.2	11.6	10.4	11.1
10	15.3	14.9	15.1	12.9	12.4	12.6	11.7	11.0	11.4	11.4	10.4	10.9
11	15.2	15.0	15.1	12.5	11.4	12.1	11.2	10.7	11.0	11.2	10.0	10.7
12	15.1	14.7	14.9	12.1	11.3	11.7	11.0	10.6	10.8	10.2	9.1	9.8
13	14.7	13.5	14.1	12.2	11.4	11.7	10.8	10.1	10.4	9.4	8.7	9.1
14	13.8	12.8	13.1	11.9	11.2	11.5	10.8	10.0	10.4	10.3	9.2	9.7
15	14.0	12.7	13.5	11.6	10.7	11.1	10.4	9.8	10.1	9.9	9.2	9.7
16	14.6	13.8	14.3	10.7	9.9	10.2	10.4	9.8	10.2	9.2	8.8	9.1
17	14.5	14.0	14.3	11.3	9.9	10.7	11.0	10.4	10.7	8.9	8.4	8.6
18	14.2	13.9	14.1	12.0	10.8	11.5	11.3	10.7	11.1	9.8	8.8	9.4
19	15.1	14.1	14.8	12.2	11.3	11.7	11.7	10.9	11.3	10.6	9.6	10.1
20	14.9	13.5	14.1	11.9	11.0	11.4	11.4	10.7	11.0	10.4	9.7	10.1
21	13.6	13.1	13.5	11.8	11.0	11.3	11.6	10.7	11.2	10.1	9.4	9.8
22	13.2	12.0	12.8	---	---	---	11.4	10.6	11.1	10.2	9.1	9.7
23	12.8	11.7	12.4	---	---	---	10.6	9.8	10.4	10.1	9.2	9.6
24	13.8	12.8	13.4	---	---	---	9.8	9.3	9.7	10.2	9.2	9.7
25	13.3	12.7	13.0	---	---	---	9.3	8.7	9.1	10.2	9.4	9.8
26	13.0	12.3	12.6	---	---	---	9.2	8.6	8.9	10.0	9.1	9.6
27	12.9	12.2	12.5	---	---	---	9.1	8.8	8.9	9.8	8.9	9.4
28	12.4	11.9	12.2	---	---	---	9.1	8.5	8.8	9.8	8.8	9.2
29	---	---	---	10.6	9.6	10.1	9.7	8.6	9.2	10.0	8.6	9.3
30	---	---	---	11.2	10.1	10.6	9.6	8.8	9.2	9.7	8.4	9.1
31	---	---	---	10.9	10.3	10.6	---	---	---	9.0	8.2	8.6
Month	15.9	11.7	14.0	---	---	---	11.7	8.5	10.2	---	---	---

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

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

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	8.9	7.7	8.5	---	---	---	---	---	---	---	---	---
2	8.8	7.8	8.3	---	---	---	---	---	---	---	---	---
3	8.4	7.9	8.2	---	---	---	---	---	---	---	---	---
4	8.8	8.0	8.4	---	---	---	---	---	---	---	---	---
5	8.8	8.1	8.4	---	---	---	---	---	---	---	---	---
6	9.7	7.8	8.6	---	---	---	---	---	---	---	---	---
7	9.1	8.3	8.7	---	---	---	---	---	---	---	---	---
8	9.0	8.1	8.5	---	---	---	---	---	---	---	---	---
9	8.8	7.9	8.3	---	---	---	---	---	---	---	---	---
10	9.1	7.8	8.5	---	---	---	---	---	---	---	---	---
11	9.8	7.8	8.8	---	---	---	---	---	---	---	---	---
12	9.6	8.0	8.9	---	---	---	---	---	---	---	---	---
13	9.6	8.3	8.9	---	---	---	---	---	---	---	---	---
14	9.9	8.7	9.4	---	---	---	---	---	---	---	---	---
15	10.5	9.3	9.9	---	---	---	---	---	---	---	---	---
16	10.4	8.9	9.7	---	---	---	---	---	---	---	---	---
17	10.7	8.7	9.5	---	---	---	---	---	---	---	---	---
18	10.3	8.3	9.2	---	---	---	---	---	---	---	---	---
19	10.1	7.7	8.7	---	---	---	---	---	---	---	---	---
20	9.1	7.0	8.0	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

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

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION
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	---	---	---	---	---	---	---	---	---	110	104	107
2	---	---	---	---	---	---	---	---	---	124	104	112
3	---	---	---	---	---	---	---	---	---	118	107	112
4	---	---	---	---	---	---	---	---	---	120	107	114
5	---	---	---	---	---	---	---	---	---	117	107	111
6	---	---	---	---	---	---	---	---	---	115	99	109
7	---	---	---	---	---	---	---	---	---	113	97	107
8	---	---	---	---	---	---	---	---	---	113	102	106
9	---	---	---	---	---	---	---	---	---	120	103	110
10	---	---	---	---	---	---	---	---	---	119	107	113
11	---	---	---	---	---	---	---	---	---	111	102	107
12	---	---	---	---	---	---	---	---	---	111	98	104
13	---	---	---	---	---	---	---	---	---	111	100	105
14	---	---	---	---	---	---	---	---	---	106	100	103
15	---	---	---	---	---	---	---	---	---	108	98	103
16	---	---	---	---	---	---	---	---	---	112	100	106
17	---	---	---	---	---	---	---	---	---	115	101	108
18	---	---	---	---	---	---	---	---	---	113	103	108
19	---	---	---	---	---	---	---	---	---	110	101	105
20	---	---	---	---	---	---	---	---	---	110	101	106
21	---	---	---	---	---	---	---	---	---	120	102	110
22	---	---	---	---	---	---	---	---	---	116	103	108
23	---	---	---	---	---	---	---	---	---	110	101	106
24	---	---	---	---	---	---	---	---	---	112	91	104
25	---	---	---	---	---	---	120	100	108	112	96	105
26	---	---	---	---	---	---	109	100	104	111	99	104
27	---	---	---	---	---	---	107	99	103	116	100	107
28	---	---	---	---	---	---	111	99	105	118	105	111
29	---	---	---	---	---	---	112	102	107	118	102	110
30	---	---	---	---	---	---	112	103	107	120	99	109
31	---	---	---	---	---	---	---	---	---	120	102	111
Month	---	---	---	---	---	---	---	---	---	124	91	108

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION
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	120	101	110	118	97	109	152	108	128	101	96	99
2	115	103	108	119	91	107	137	109	122	125	96	108
3	112	102	106	110	98	104	131	104	118	136	104	119
4	121	94	108	115	94	103	124	100	113	140	114	126
5	112	100	104	114	99	106	124	94	110	128	105	116
6	108	93	101	111	101	106	127	89	109	---	---	---
7	109	94	102	123	104	113	128	105	116	---	---	---
8	114	97	104	---	---	---	123	100	109	---	---	---
9	115	97	105	---	---	---	125	91	108	---	---	---
10	111	98	104	---	---	---	132	103	118	---	---	---
11	113	94	103	---	---	---	117	106	111	---	---	---
12	107	97	101	---	---	---	125	100	112	---	---	---
13	115	92	103	---	---	---	128	103	116	---	---	---
14	107	101	104	---	---	---	128	109	119	114	98	104
15	119	95	106	---	---	---	114	100	107	119	98	106
16	124	99	112	---	---	---	111	89	100	117	98	107
17	130	96	114	---	---	---	116	95	104	125	97	110
18	123	105	113	---	---	---	132	96	112	138	104	119
19	122	104	112	---	---	---	136	99	115	124	108	117
20	119	103	111	---	---	---	131	104	118	122	100	110
21	125	104	113	---	---	---	131	104	115	122	100	110
22	116	100	107	108	96	101	131	102	117	129	97	113
23	108	94	102	105	93	99	137	101	120	119	105	112
24	107	92	100	126	92	108	149	116	130	118	101	109
25	109	94	102	128	112	118	157	107	128	114	97	106
26	105	97	101	136	105	121	142	109	127	127	100	112
27	106	96	101	146	110	128	137	105	123	120	96	108
28	111	96	103	142	112	125	133	102	113	120	99	109
29	115	104	109	132	108	120	126	106	116	116	95	106
30	117	98	107	138	109	124	120	94	104	123	96	108
31	---	---	---	160	114	138	106	86	95	---	---	---
Month	130	92	106	---	---	---	157	86	115	---	---	---

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

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

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	123	99	111	125	105	115	108	100	104	115	108	111
2	128	103	115	116	106	110	105	96	100	111	105	107
3	132	105	117	116	105	110	106	96	100	116	102	109
4	125	103	114	120	109	114	101	96	99	118	108	113
5	115	98	106	120	111	116	103	95	99	120	111	115
6	111	92	101	124	113	119	104	98	101	115	107	112
7	115	93	102	126	115	122	106	98	102	115	104	110
8	113	99	105	126	111	119	---	---	---	110	104	108
9	117	99	105	124	115	119	---	---	---	111	101	106
10	121	99	108	127	110	118	---	---	---	114	105	109
11	113	97	105	131	116	123	---	---	---	117	107	112
12	113	98	105	121	111	114	---	---	---	119	110	115
13	106	93	100	118	110	113	---	---	---	122	114	118
14	108	90	99	127	109	116	---	---	---	123	114	119
15	112	93	102	131	109	118	---	---	---	123	115	119
16	---	---	---	121	110	116	---	---	---	115	109	112
17	---	---	---	121	109	114	---	---	---	116	109	113
18	---	---	---	119	110	114	---	---	---	115	112	113
19	---	---	---	120	108	114	109	102	106	115	109	112
20	---	---	---	120	111	115	110	102	106	112	108	110
21	---	---	---	119	114	117	110	102	106	112	108	110
22	---	---	---	117	108	113	110	105	107	112	109	110
23	---	---	---	114	110	112	110	105	108	114	110	112
24	---	---	---	118	108	112	111	104	107	115	109	112
25	---	---	---	117	105	111	108	103	105	115	109	112
26	---	---	---	117	104	110	106	103	105	113	107	110
27	---	---	---	112	101	108	109	101	105	113	108	111
28	---	---	---	113	106	110	113	103	108	115	109	112
29	---	---	---	115	105	110	116	105	111	112	107	109
30	---	---	---	117	108	111	119	109	115	113	109	110
31	117	102	110	---	---	---	121	112	116	114	109	112
Month	---	---	---	131	101	114	---	---	---	123	101	112

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

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

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	112	110	111	113	104	109	115	100	107	114	99	106
2	114	110	112	109	105	107	112	101	106	109	99	104
3	115	111	112	112	102	107	117	99	107	104	97	101
4	115	109	112	111	101	105	106	99	102	111	99	105
5	113	108	111	108	99	104	106	93	99	120	101	109
6	115	108	111	107	100	104	107	95	100	110	104	107
7	115	111	113	108	101	104	101	96	99	---	---	---
8	114	110	112	111	101	106	106	95	100	---	---	---
9	115	109	112	113	102	107	108	96	103	122	106	113
10	117	111	113	115	104	109	111	98	105	125	110	117
11	118	111	114	112	104	109	105	99	102	126	114	119
12	119	112	115	114	100	106	110	100	104	120	108	114
13	118	113	115	114	103	108	113	98	104	109	100	103
14	114	105	110	116	104	109	109	98	103	115	96	105
15	112	104	108	116	104	109	102	98	100	111	103	107
16	113	106	109	107	97	101	101	96	98	108	101	104
17	111	106	109	101	93	97	103	97	100	103	96	98
18	112	107	109	106	93	100	106	98	102	103	97	101
19	115	107	110	110	97	103	112	99	105	114	98	106
20	111	107	109	111	99	104	112	99	105	114	104	110
21	112	105	109	106	99	102	116	101	109	117	103	109
22	113	103	109	---	---	---	119	106	112	119	99	109
23	108	99	103	---	---	---	113	103	108	117	102	110
24	112	102	106	---	---	---	107	99	102	121	102	111
25	109	104	106	---	---	---	105	96	100	123	107	114
26	115	103	108	---	---	---	103	94	98	123	105	114
27	116	104	110	---	---	---	103	96	99	122	105	113
28	113	104	108	---	---	---	104	94	99	121	105	113
29	---	---	---	108	96	101	112	95	103	128	104	115
30	---	---	---	112	97	104	111	98	105	122	99	110
31	---	---	---	112	100	106	---	---	---	113	99	106
Month	119	99	110	---	---	---	119	93	103	---	---	---

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

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

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	112	93	104	---	---	---	---	---	---	---	---	---
2	111	95	103	---	---	---	---	---	---	---	---	---
3	104	96	100	---	---	---	---	---	---	---	---	---
4	111	97	103	---	---	---	---	---	---	---	---	---
5	111	99	105	---	---	---	---	---	---	---	---	---
6	125	97	109	---	---	---	---	---	---	---	---	---
7	116	101	109	---	---	---	---	---	---	---	---	---
8	118	101	109	---	---	---	---	---	---	---	---	---
9	115	101	107	---	---	---	---	---	---	---	---	---
10	116	98	107	---	---	---	---	---	---	---	---	---
11	122	94	108	---	---	---	---	---	---	---	---	---
12	124	98	112	---	---	---	---	---	---	---	---	---
13	121	102	110	---	---	---	---	---	---	---	---	---
14	115	102	109	---	---	---	---	---	---	---	---	---
15	117	101	110	---	---	---	---	---	---	---	---	---
16	124	101	112	---	---	---	---	---	---	---	---	---
17	129	102	114	---	---	---	---	---	---	---	---	---
18	130	101	114	---	---	---	---	---	---	---	---	---
19	130	99	110	---	---	---	---	---	---	---	---	---
20	117	88	101	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS
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	---	---	---	---	---	---	---	---	---	---	---	---

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS
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	---	---	---	---	---	---	---	---	---	66	29	45
2	---	---	---	---	---	---	---	---	---	46	9.5	26
3	---	---	---	---	---	---	---	---	---	37	7.8	17
4	---	---	---	---	---	---	---	---	---	14	5.9	9.3
5	---	---	---	---	---	---	---	---	---	22	4.8	8.9
6	---	---	---	---	---	---	---	---	---	8.0	3.9	4.8
7	---	---	---	---	---	---	---	---	---	29	4.4	17
8	---	---	---	---	---	---	---	---	---	31	9.4	20
9	---	---	---	---	---	---	---	---	---	27	8.4	18
10	---	---	---	---	---	---	---	---	---	9.5	5.0	7.2
11	---	---	---	---	---	---	---	---	---	31	4.0	13
12	---	---	---	---	---	---	---	---	---	30	4.5	8.8
13	---	---	---	---	---	---	---	---	---	11	3.2	4.5
14	---	---	---	---	---	---	---	---	---	16	2.7	6.1
15	---	---	---	---	---	---	---	---	---	12	2.5	4.1
16	---	---	---	---	---	---	---	---	---	16	2.5	3.6
17	---	---	---	---	---	---	---	---	---	6.2	2.5	3.6
18	---	---	---	---	---	---	---	---	---	9.7	2.8	5.3
19	---	---	---	---	---	---	---	---	---	21	4.5	12
20	---	---	---	---	---	---	---	---	---	24	3.9	9.7
21	---	---	---	---	---	---	---	---	---	6.9	3.9	5.3
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	18	3.7	5.4
24	---	---	---	---	---	---	---	---	---	6.1	2.8	4.1
25	---	---	---	---	---	---	11	2.8	4.5	32	2.8	8.6
26	---	---	---	---	---	---	56	5.7	24	36	13	23
27	---	---	---	---	---	---	28	5.6	12	44	5.7	17
28	---	---	---	---	---	---	32	7.8	17	7.2	5.2	6.0
29	---	---	---	---	---	---	50	26	34	5.7	3.9	4.9
30	---	---	---	---	---	---	64	33	44	6.4	3.0	4.2
31	---	---	---	---	---	---	---	---	---	8.3	3.0	4.4
Month	---	---	---	---	---	---	---	---	---	---	---	---

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS
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	15	3.4	6.3	9.5	0.1	1.6	7.2	1.3	4.5	120	13	48
2	34	11	16	4.0	0.0	1.3	8.0	5.4	6.3	110	5.3	27
3	47	5.5	17	11	3.6	5.5	7.2	4.5	6.1	8.7	4.7	6.9
4	20	4.3	7.4	13	5.0	7.4	7.3	4.9	5.7	29	4.6	6.3
5	20	4.1	8.7	28	8.9	16	7.6	5.4	6.6	61	3.7	7.8
6	26	4.2	8.7	24	3.9	11	9.4	4.5	6.0	8.8	4.3	5.7
7	38	5.3	18	16	6.1	8.9	9.5	4.3	6.0	9.1	4.1	6.1
8	7.7	3.5	5.0	7.8	4.6	6.0	14	4.2	6.3	8.2	4.0	5.4
9	11	3.5	4.1	5.7	3.5	4.7	7.3	4.5	5.9	10	3.7	6.1
10	9.8	3.2	5.2	11	3.7	5.7	15	5.5	7.6	23	4.1	6.3
11	5.5	3.0	3.8	9.6	4.2	6.0	15	5.3	8.7	55	6.0	24
12	6.5	3.1	4.0	10	4.7	6.5	18	5.7	9.2	77	6.0	20
13	5.2	2.5	3.3	20	4.5	9.7	7.5	5.5	6.4	12	4.4	7.0
14	39	2.6	11	10	4.8	6.8	14	5.6	8.0	11	5.1	7.7
15	18	4.6	8.0	7.2	4.6	5.5	21	2.0	12	9.2	4.6	6.9
16	17	3.5	5.0	9.9	5.0	6.7	17	3.5	5.6	16	6.0	9.6
17	12	3.0	4.1	15	4.9	6.7	11	3.9	5.9	13	4.9	8.1
18	8.7	2.4	4.1	6.9	3.9	5.7	4.2	2.8	3.7	7.8	4.0	5.6
19	18	2.5	5.6	7.9	4.5	5.9	5.7	2.8	4.0	8.8	3.7	6.2
20	28	2.8	9.0	8.7	5.4	6.3	14	4.3	6.8	10	3.7	7.0
21	15	2.7	3.8	13	1.9	5.2	14	4.8	7.2	11	4.6	7.8
22	6.0	1.0	2.7	36	9.1	22	6.1	3.5	4.9	6.4	3.7	4.8
23	18	2.6	8.0	58	0.0	15	6.2	3.3	4.5	16	4.5	8.9
24	19	2.9	8.5	1.9	0.2	1.0	5.6	3.4	4.6	---	---	---
25	71	9.6	21	2.8	0.2	1.1	8.2	3.7	5.3	---	---	---
26	120	11	27	3.7	0.2	1.8	20	3.8	6.0	---	---	---
27	62	14	27	7.5	0.6	2.1	17	4.4	7.2	---	---	---
28	38	1.1	7.5	16	0.8	3.6	18	4.7	6.6	26	6.8	12
29	5.6	0.7	2.1	21	0.9	8.4	8.7	4.9	6.2	26	7.5	11
30	8.1	0.7	2.3	3.9	1.0	2.1	16	4.4	6.9	14	7.0	9.3
31	---	---	---	5.3	1.1	3.0	30	4.1	9.9	---	---	---
Month	120	0.7	8.8	58	0.0	6.4	30	1.3	6.5	---	---	---

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS
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	10	6.8	8.5	8.4	6.0	6.9	78	8.3	37	42	8.1	26
2	9.7	6.8	8.5	60	4.9	22	49	12	19	60	7.3	27
3	12	6.5	8.8	61	16	42	28	7.4	17	15	4.1	6.6
4	11	6.5	8.1	33	10	18	90	8.4	49	16	3.7	7.2
5	11	7.5	9.0	12	7.9	9.4	42	9.8	20	36	2.6	9.6
6	30	8.6	12	12	5.6	7.3	25	9.3	15	39	6.3	24
7	130	6.8	29	69	5.6	11	56	7.3	15	41	4.8	12
8	170	15	35	65	6.5	18	---	---	---	64	17	34
9	79	13	27	20	5.6	11	---	---	---	44	12	22
10	38	11	17	7.4	3.9	5.7	---	---	---	38	12	26
11	---	---	---	13	4.2	7.4	---	---	---	12	5.6	8.1
12	6.4	3.0	4.6	50	4.2	14	---	---	---	8.7	5.1	6.5
13	8.8	3.8	6.2	63	12	36	---	---	---	10	5.2	6.3
14	16	3.4	5.5	18	7.0	10	---	---	---	6.6	2.6	4.7
15	33	3.1	5.6	11	6.1	7.5	---	---	---	26	4.4	8.8
16	5.4	3.0	4.4	130	6.5	47	---	---	---	74	5.6	23
17	8.3	3.2	5.3	57	5.4	16	---	---	---	120	24	56
18	15	3.5	6.0	40	7.1	21	---	---	---	31	18	22
19	6.1	3.4	4.7	15	8.3	10	9.9	3.2	6.4	47	17	32
20	16	3.9	9.7	35	7.1	14	25	5.5	14	35	17	27
21	17	5.0	7.9	140	33	79	7.6	2.4	4.5	38	14	24
22	6.5	2.7	4.6	230	36	90	34	2.7	8.4	36	15	26
23	47	3.7	9.9	120	51	75	47	3.0	12	23	13	18
24	21	11	15	67	28	41	18	2.8	7.8	15	10	13
25	31	7.2	14	28	13	18	70	4.7	25	23	7.4	13
26	22	3.7	9.0	22	11	14	68	19	34	53	15	35
27	12	3.1	5.2	25	6.1	11	29	5.8	18	31	19	25
28	76	12	31	7.0	5.4	6.1	6.9	1.5	3.2	32	12	20
29	26	7.6	14	7.5	4.8	5.6	1.8	0.8	1.4	64	14	35
30	---	---	---	14	4.6	8.0	1.9	0.4	1.2	30	12	19
31	9.5	6.9	7.9	---	---	---	8.8	0.0	1.5	60	15	30
Month	---	---	---	230	3.9	23	---	---	---	120	2.6	21

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS
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	28	9.5	16	22	8.2	11	12	0.1	3.2	19	5.4	9.8
2	24	11	16	47	7.9	28	18	0.9	8.8	34	6.2	20
3	20	12	15	26	4.0	13	3.3	0.9	1.8	33	15	23
4	23	8.4	13	21	7.3	12	32	2.6	15	26	16	19
5	18	8.1	13	18	9.8	13	48	3.1	16	21	4.5	14
6	23	13	18	95	8.0	46	28	6.0	16	120	4.5	65
7	56	17	28	64	16	41	70	9.0	37	---	---	---
8	40	16	26	61	16	36	---	---	---	---	---	---
9	21	14	18	32	14	20	---	---	---	50	14	27
10	15	9.2	13	21	6.6	13	---	---	---	23	6.0	11
11	13	8.4	11	31	6.4	13	---	---	---	11	8.1	9.0
12	12	8.1	10	22	9.7	14	---	---	---	8.4	5.7	7.0
13	16	7.3	11	14	5.4	8.8	---	---	---	79	5.7	36
14	41	14	31	18	7.6	10	---	---	---	36	14	19
15	92	18	49	25	11	19	---	---	---	38	11	20
16	28	14	24	29	8.7	20	---	---	---	48	20	31
17	38	14	24	84	24	46	---	---	---	31	1.1	11
18	35	16	24	41	12	24	---	---	---	81	12	47
19	51	26	42	52	8.7	20	---	---	---	32	5.7	18
20	41	27	32	52	17	35	---	---	---	18	2.0	8.2
21	45	8.2	22	36	10	23	---	---	---	9.2	0.8	4.8
22	42	6.7	20	---	---	---	---	---	---	8.7	3.6	6.4
23	58	35	47	---	---	---	---	---	---	9.6	3.4	6.4
24	47	20	34	---	---	---	---	---	---	8.9	0.6	3.9
25	49	15	23	---	---	---	---	---	---	16	0.0	3.1
26	38	10	18	---	---	---	40	7.5	16	14	2.0	6.3
27	14	6.5	9.6	---	---	---	51	20	32	10	2.6	6.3
28	20	9.4	14	---	---	---	55	7.0	18	10	2.6	5.9
29	---	---	---	30	7.7	18	28	8.0	14	7.4	1.5	3.3
30	---	---	---	21	5.9	12	19	6.4	12	7.1	0.6	4.0
31	---	---	---	12	2.0	6.9	---	---	---	22	4.2	8.2
Month	92	6.5	22	---	---	---	---	---	---	---	---	---

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS
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	21	4.1	9.4	---	---	---	---	---	---	---	---	---
2	27	4.1	12	---	---	---	---	---	---	---	---	---
3	84	10	27	---	---	---	---	---	---	---	---	---
4	30	6.1	15	---	---	---	---	---	---	---	---	---
5	49	3.9	19	---	---	---	---	---	---	---	---	---
6	13	3.3	5.5	---	---	---	---	---	---	---	---	---
7	20	5.6	11	---	---	---	---	---	---	---	---	---
8	19	2.6	7.0	---	---	---	---	---	---	---	---	---
9	11	2.5	5.0	---	---	---	---	---	---	---	---	---
10	7.8	3.7	6.1	---	---	---	---	---	---	---	---	---
11	5.1	3.2	4.0	---	---	---	---	---	---	---	---	---
12	3.9	2.2	2.8	---	---	---	---	---	---	---	---	---
13	7.7	2.9	4.9	---	---	---	---	---	---	---	---	---
14	15	6.7	11	---	---	---	---	---	---	---	---	---
15	15	3.7	8.8	---	---	---	---	---	---	---	---	---
16	11	2.0	4.0	---	---	---	---	---	---	---	---	---
17	6.6	2.1	3.3	---	---	---	---	---	---	---	---	---
18	7.2	1.7	2.9	---	---	---	---	---	---	---	---	---
19	7.6	1.9	3.2	---	---	---	---	---	---	---	---	---
20	5.7	1.9	3.7	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

CHLOROPHYLL, TOTAL, WATER, FLUOROMETRIC, 650-700 NANOMETERS, IN-SITU SENSOR, MICROGRAMS PER LITER
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	---	---	---	---	---	---	---	---	---	---	---	---

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

CHLOROPHYLL, TOTAL, WATER, FLUOROMETRIC, 650-700 NANOMETERS, IN-SITU SENSOR, MICROGRAMS PER LITER
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	---	---	---	---	---	---	---	---	---	14.2	10.1	12.2
2	---	---	---	---	---	---	---	---	---	13.6	6.30	9.94
3	---	---	---	---	---	---	---	---	---	10.6	5.80	7.76
4	---	---	---	---	---	---	---	---	---	6.40	4.40	5.58
5	---	---	---	---	---	---	---	---	---	6.90	3.90	5.01
6	---	---	---	---	---	---	---	---	---	5.30	3.50	4.27
7	---	---	---	---	---	---	---	---	---	7.80	4.40	5.94
8	---	---	---	---	---	---	---	---	---	8.60	4.70	6.75
9	---	---	---	---	---	---	---	---	---	7.80	4.60	6.22
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	6.10	3.80	4.71
25	---	---	---	---	---	---	6.10	3.90	5.09	6.00	3.50	4.54
26	---	---	---	---	---	---	10.9	5.40	8.22	6.50	4.20	5.36
27	---	---	---	---	---	---	8.60	6.70	7.62	6.50	3.60	4.93
28	---	---	---	---	---	---	9.80	5.80	7.33	4.80	3.70	4.31
29	---	---	---	---	---	---	12.3	7.00	9.72	5.00	3.80	4.34
30	---	---	---	---	---	---	13.1	7.90	10.8	5.10	3.30	4.27
31	---	---	---	---	---	---	---	---	---	4.50	3.00	3.92
Month	---	---	---	---	---	---	---	---	---	---	---	---

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

CHLOROPHYLL, TOTAL, WATER, FLUOROMETRIC, 650-700 NANOMETERS, IN-SITU SENSOR, MICROGRAMS PER LITER
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	4.60	3.10	3.74	5.00	3.20	4.00	9.50	5.90	7.37	15.6	7.60	10.3
2	5.50	4.00	4.76	5.20	3.30	4.16	9.90	7.60	8.61	15.0	6.30	8.20
3	6.60	4.20	5.28	5.30	3.20	4.36	9.60	7.20	8.46	8.30	6.00	7.24
4	7.30	4.20	4.98	5.30	3.70	4.55	8.80	5.90	6.92	8.30	5.40	6.79
5	6.20	4.10	5.15	6.40	3.70	5.07	7.30	5.90	6.61	11.4	5.50	6.91
6	7.60	4.10	5.38	7.00	3.30	4.92	7.30	5.60	6.42	8.10	6.30	7.37
7	8.20	4.50	6.23	6.30	4.70	5.27	7.70	4.60	5.87	8.70	6.60	7.64
8	5.90	3.70	5.00	10.9	4.50	5.45	7.30	5.40	6.29	8.50	6.50	7.64
9	5.30	4.10	4.67	5.90	4.00	4.93	7.30	5.60	6.27	8.80	6.50	7.64
10	5.40	4.30	4.72	5.90	3.60	4.92	7.70	5.10	6.58	8.70	6.10	7.24
11	5.40	4.00	4.68	5.80	3.80	4.73	8.00	6.20	6.92	12.3	6.60	8.71
12	5.80	4.10	4.83	5.60	3.70	4.63	8.60	5.90	7.36	12.8	6.90	9.01
13	5.80	3.90	4.87	6.00	3.60	4.81	8.10	5.60	6.46	12.6	5.70	7.40
14	7.90	3.90	5.24	5.90	4.30	5.07	8.10	6.10	6.94	12.6	6.20	8.14
15	8.70	4.70	5.63	6.10	4.60	5.26	9.60	5.10	6.43	20.1	6.60	8.69
16	6.10	4.00	5.17	6.60	5.10	5.89	6.70	4.40	5.26	8.90	6.90	7.87
17	5.60	3.70	4.79	7.10	4.70	5.64	7.10	5.70	6.36	11.3	5.90	7.55
18	5.30	3.80	4.53	8.00	4.10	5.38	6.70	4.90	5.66	17.5	6.30	7.96
19	5.90	3.30	4.44	8.60	4.50	5.42	7.50	5.40	6.32	8.60	6.90	7.52
20	13.3	3.10	4.96	6.00	4.60	5.44	7.60	5.60	6.39	8.70	6.70	7.49
21	10.1	3.70	4.56	7.30	4.60	5.43	6.70	4.90	5.84	8.50	5.40	7.30
22	5.80	2.90	4.03	6.70	4.60	5.82	7.10	6.00	6.53	11.9	4.70	7.30
23	5.10	2.80	4.01	9.20	3.40	5.09	7.40	5.10	6.52	---	---	---
24	4.90	2.90	3.86	5.20	3.70	4.70	6.70	4.90	5.90	---	---	---
25	8.20	3.60	4.95	5.90	4.10	5.12	6.70	4.90	5.91	---	---	---
26	12.6	4.10	5.50	6.50	4.80	5.36	8.30	5.00	5.93	---	---	---
27	7.40	3.50	5.15	6.70	4.50	5.46	7.80	5.50	6.25	---	---	---
28	6.20	3.00	3.86	6.90	4.80	5.71	8.40	5.50	6.35	10.1	6.90	8.32
29	4.70	2.90	3.75	9.10	4.70	6.35	7.50	5.20	6.32	10.0	7.50	8.48
30	4.90	3.10	4.12	7.10	5.50	6.09	7.60	5.40	6.65	10.8	6.90	8.37
31	---	---	---	7.70	5.60	6.68	9.80	6.10	7.31	---	---	---
Month	13.3	2.80	4.76	10.9	3.20	5.22	9.90	4.40	6.55	---	---	---

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

CHLOROPHYLL, TOTAL, WATER, FLUOROMETRIC, 650-700 NANOMETERS, IN-SITU SENSOR, MICROGRAMS PER LITER
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	9.20	7.70	8.52	8.60	6.50	7.71	12.3	8.20	9.97	11.4	8.80	10.3
2	9.80	7.40	8.22	11.5	6.50	8.64	17.0	8.00	9.54	14.0	9.60	10.8
3	9.30	7.20	8.17	11.7	9.30	10.4	10.7	7.20	9.30	12.4	8.50	10.4
4	9.30	7.20	8.30	10.6	6.60	8.92	13.3	8.60	11.3	9.80	8.10	9.05
5	9.30	7.60	8.32	9.80	6.80	8.42	23.3	8.10	10.0	11.4	8.30	9.27
6	10.3	7.50	8.90	9.60	5.60	7.66	21.2	7.70	9.75	12.1	8.70	10.4
7	9.90	7.30	8.50	11.7	5.90	8.01	13.8	8.10	9.32	13.0	8.40	9.98
8	10.8	8.70	9.57	11.7	7.10	8.70	---	---	---	13.2	9.80	11.2
9	11.4	9.10	9.97	8.70	7.10	7.89	---	---	---	14.3	9.80	11.9
10	11.6	8.50	9.99	9.00	6.40	7.83	---	---	---	14.4	9.20	12.3
11	10.6	6.40	8.09	8.30	6.60	7.54	---	---	---	12.9	9.50	11.4
12	9.10	6.80	7.87	10.1	6.40	7.93	---	---	---	12.6	9.40	11.1
13	8.40	6.90	7.76	12.6	8.60	10.6	---	---	---	12.8	9.20	11.2
14	9.10	7.20	7.86	10.0	7.30	8.47	---	---	---	12.1	8.90	10.5
15	8.80	6.80	7.81	9.30	6.90	8.27	---	---	---	11.9	9.30	10.6
16	8.00	6.40	7.18	13.1	7.90	10.4	---	---	---	16.6	8.70	11.4
17	8.10	6.50	7.27	12.3	7.30	8.75	---	---	---	19.9	13.4	15.6
18	8.30	6.80	7.48	11.7	7.60	9.37	---	---	---	16.5	12.6	14.1
19	7.90	6.40	7.24	9.60	7.40	8.38	9.10	6.60	7.57	17.2	13.0	14.8
20	8.40	6.70	7.64	11.0	7.30	8.88	10.5	7.70	9.37	16.1	10.1	13.2
21	8.70	6.90	7.89	15.3	10.7	12.7	10.0	7.70	8.76	15.4	12.4	13.9
22	8.70	6.80	7.71	19.1	10.0	12.9	10.4	7.60	8.78	15.4	12.7	14.0
23	9.00	7.10	8.11	16.5	12.5	13.9	11.3	6.80	8.36	15.8	11.4	13.6
24	9.50	6.60	8.31	21.2	10.4	12.1	9.60	6.70	8.41	14.4	9.80	12.5
25	9.30	6.90	8.08	12.4	9.60	10.5	13.6	8.70	10.4	14.5	9.80	12.4
26	8.90	6.40	7.91	10.7	8.40	9.68	14.5	9.30	10.8	16.3	11.4	13.7
27	8.20	6.30	7.43	---	---	---	10.8	8.10	9.69	14.7	11.0	13.0
28	12.8	7.70	9.59	8.80	7.00	7.82	10.1	7.30	8.42	15.3	11.5	13.3
29	9.40	6.60	8.16	8.90	7.00	7.94	12.4	7.70	9.40	16.7	11.1	13.6
30	---	---	---	9.50	7.00	7.99	11.7	7.90	9.63	14.8	8.30	12.7
31	8.80	7.10	8.05	---	---	---	10.4	8.00	9.37	14.8	10.3	13.1
Month	---	---	---	---	---	---	---	---	---	19.9	8.10	12.1

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

CHLOROPHYLL, TOTAL, WATER, FLUOROMETRIC, 650-700 NANOMETERS, IN-SITU SENSOR, MICROGRAMS PER LITER
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	15.0	11.4	13.1	---	---	---	13.1	8.60	11.2	10.2	7.20	8.75
2	15.1	10.9	13.0	---	---	---	13.2	9.50	11.0	10.9	7.10	9.41
3	14.8	9.00	12.7	---	---	---	10.9	7.50	9.53	13.3	9.20	11.3
4	15.4	8.90	12.9	---	---	---	11.9	9.20	10.7	13.2	11.4	12.3
5	14.8	7.60	11.8	---	---	---	13.2	8.20	10.4	12.8	8.00	11.4
6	15.0	7.70	12.3	---	---	---	11.8	7.10	10.0	18.4	7.70	14.8
7	16.6	9.00	13.8	---	---	---	15.1	9.20	11.8	---	---	---
8	17.4	11.8	14.9	---	---	---	15.1	7.50	10.9	---	---	---
9	16.6	9.40	13.6	---	---	---	11.4	6.30	9.50	17.5	10.6	13.9
10	16.8	8.10	13.8	---	---	---	11.3	5.90	9.00	13.9	6.70	8.99
11	16.3	8.00	13.0	---	---	---	15.0	8.20	11.4	10.0	7.00	8.59
12	16.7	10.6	14.4	---	---	---	12.2	7.20	9.17	8.80	6.70	7.94
13	17.7	10.7	15.4	---	---	---	10.4	7.40	8.85	16.3	7.50	11.9
14	20.2	13.6	17.7	---	---	---	10.8	7.20	8.91	14.1	9.40	11.3
15	23.1	15.8	19.4	---	---	---	10.8	8.70	9.60	11.8	7.50	9.40
16	20.0	13.9	17.6	---	---	---	15.5	9.20	11.8	9.40	6.70	8.12
17	21.9	12.7	18.5	---	---	---	19.6	10.7	15.8	---	---	---
18	22.5	16.8	20.0	---	---	---	17.2	15.1	16.0	---	---	---
19	21.7	16.4	19.7	---	---	---	16.7	12.0	14.0	---	---	---
20	23.6	14.7	20.0	---	---	---	13.4	7.60	10.8	---	---	---
21	17.5	11.4	14.6	---	---	---	13.2	8.70	11.1	---	---	---
22	16.8	11.1	14.2	---	---	---	11.4	6.50	8.91	---	---	---
23	16.2	11.3	14.2	---	---	---	10.3	6.10	8.03	---	---	---
24	15.5	12.1	14.2	---	---	---	10.5	6.90	8.88	---	---	---
25	---	---	---	---	---	---	11.0	6.90	8.14	---	---	---
26	---	---	---	---	---	---	10.4	7.70	9.03	---	---	---
27	---	---	---	---	---	---	12.0	8.50	10.1	---	---	---
28	---	---	---	---	---	---	12.5	7.10	9.15	---	---	---
29	---	---	---	16.8	11.4	14.9	11.0	8.50	9.36	---	---	---
30	---	---	---	16.6	11.0	14.0	11.2	7.20	9.19	---	---	---
31	---	---	---	14.7	8.30	11.9	---	---	---	6.50	4.20	5.39
Month	---	---	---	---	---	---	19.6	5.90	10.4	---	---	---

02043460 CURRITUCK SOUND OFF DEWS ISLAND NEAR JARVISBURG, NC—Continued

CHLOROPHYLL, TOTAL, WATER, FLUOROMETRIC, 650-700 NANOMETERS, IN-SITU SENSOR, MICROGRAMS PER LITER
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	6.30	3.80	5.07	---	---	---	---	---	---	---	---	---
2	6.50	3.60	4.89	---	---	---	---	---	---	---	---	---
3	9.70	4.30	6.25	---	---	---	---	---	---	---	---	---
4	6.10	4.10	5.21	---	---	---	---	---	---	---	---	---
5	8.00	3.20	5.27	---	---	---	---	---	---	---	---	---
6	11.9	3.20	4.16	---	---	---	---	---	---	---	---	---
7	5.90	3.60	4.53	---	---	---	---	---	---	---	---	---
8	5.50	2.70	3.89	---	---	---	---	---	---	---	---	---
9	5.20	3.20	3.96	---	---	---	---	---	---	---	---	---
10	5.80	3.90	4.71	---	---	---	---	---	---	---	---	---
11	6.10	3.80	4.85	---	---	---	---	---	---	---	---	---
12	5.40	3.30	4.33	---	---	---	---	---	---	---	---	---
13	6.60	3.90	4.88	---	---	---	---	---	---	---	---	---
14	8.00	5.40	6.41	---	---	---	---	---	---	---	---	---
15	8.00	5.30	6.82	---	---	---	---	---	---	---	---	---
16	6.40	3.40	4.54	---	---	---	---	---	---	---	---	---
17	5.10	3.20	4.15	---	---	---	---	---	---	---	---	---
18	5.00	3.10	3.96	---	---	---	---	---	---	---	---	---
19	6.80	3.10	4.03	---	---	---	---	---	---	---	---	---
20	9.20	3.40	4.41	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---