02043430 UPPER CURRITUCK SOUND NEAR COROLLA, NC

Albemarle-Chowan Basin
Albemarle Subbasin

LOCATION.--Lat 36°23′43″, long 75°50′33″ referenced to North American Datum of 1983, Currituck County, NC, Hydrologic Unit 03010205, 1.2 mi northeast of Mary Island, NC.

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: April 2006 to July 2007.
SALINITY: April 2006 to July 2007.
pH: April 2006 to July 2007.
WATER TEMPERATURE: April 2006 to July 2007.
DISSOLVED OXYGEN: April 2006 to July 2007.
DISSOLVED OXYGEN, PERCENT SATURATION: April 2006 to July 2007.
TURBIDITY, in FNU: April 2006 to July 2007.

INSTRUMENTATION.--Self-logging water quality monitor since April 2006 to July 2007. Constituents monitored were: specific conductance, water temperature, dissolved oxygen, pH, and turbidity. 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 operated by the North Carolina National Estuarine Research Reserve 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. Turbidity, less than 5 FNU, are reported as <5.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum recorded, 8,920 microsiemens, June 28, 2006; minimum recorded, 1,630 microsiemens, September 1, 2006.
SALINITY: Maximum recorded, 5.0 ppt, June 28, 2006; minimum recorded, 0.8 ppt, September 1, 2006.
pH: Maximum recorded, 9.7 standard units, July 24, 2007; minimum recorded, 7.2 standard units, November 25, 27, 2006, December 21, 30, 2006, February 18, 2007.
WATER TEMPERATURE: Maximum recorded, 34.9°C, August 4, 2006; minimum recorded, 0.0°C, February 6, 17, 19, 2007.
DISSOLVED OXYGEN: Maximum recorded, 15.7 mg/L, February 19, 2007; minimum recorded, 5.1 mg/L, July 25, 2007.
DISSOLVED OXYGEN, PERCENT SATURATION: Maximum recorded, 163%, July 24, 2007; minimum recorded, 66%, July 25, 2007.
TURBIDITY: Maximum recorded, 410 FNU, April 19, 2006; minimum recorded, <5 FNU, on many days during the period.

02043430 UPPER CURRITUCK SOUND NEAR COROLLA, NC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 1 of 2
[Remark codes: <, less than; E, estimated.]

Date	Time	Transparency Secchi disc, meters (00078)	Turbidity, IR LED light, det ang 90 deg, FNU (63680)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unf µS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Silica, water, fltrd, mg/L (00955)	Residue total nonfilterable, mg/L (00530)	Residue volatile, suspended, mg/L (00535)	Ammonia + org-N, water, fltrd, mg/L as N (00623)
Oct													
31...	1005	.50	12	767	10.0	98	7.9	3,110	14.3	1.5	14	12	.85
Apr													
25...	1125	.40	13	767	9.4	105	8.1	2,220	20.6	1.5	36	<20	.58
Jul													
30...	1125	.50	--	763	8.2	107	9.2	7,590	28.0	--	--	--	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 2 of 2
[Remark codes: <, less than; E, estimated.]

Date	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Particulate nitrogen, susp, water, mg/L (49570)	Total nitrogen, wat flt by analysis, mg/L (62854)	Orthophosphate, water, fltrd, mg/L as P (00671)	Total carbon, suspnd sedimnt total, mg/L (00694)	Inorganic carbon, suspnd sedimnt total, mg/L (00688)	Organic carbon, water, fltrd, mg/L (00681)	Chlorophyll a phytoplankton, fluoro, µg/L (70953)	Pheophytin a, phytoplankton, µg/L (62360)
Oct											
31...	.023	E.008	<.002	.12	.98	<.006	1.1	<.1	11.6	14.0	1.0
Apr											
25...	E.011	<.016	<.002	.79	.59	<.006	6.2	<.1	11.0	9.6	2.5
Jul											
30...	--	--	--	--	--	--	7.9	<.1	9.3	34.1	.9

02043430 UPPER CURRITUCK SOUND NEAR COROLLA, 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	---	---	---	---	---	---	---	---	---	---	---	---

02043430 UPPER CURRITUCK SOUND NEAR COROLLA, 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	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	2.3	2.0	2.2
5	---	---	---	---	---	---	---	---	---	2.4	2.1	2.2
6	---	---	---	---	---	---	---	---	---	2.3	2.2	2.3
7	---	---	---	---	---	---	---	---	---	2.3	2.1	2.2
8	---	---	---	---	---	---	---	---	---	2.1	2.0	2.1
9	---	---	---	---	---	---	---	---	---	2.2	2.0	2.0
10	---	---	---	---	---	---	---	---	---	2.3	2.0	2.2
11	---	---	---	---	---	---	---	---	---	2.4	2.2	2.3
12	---	---	---	---	---	---	---	---	---	2.4	2.3	2.4
13	---	---	---	---	---	---	2.3	2.1	2.2	2.8	2.4	2.6
14	---	---	---	---	---	---	2.2	2.0	2.2	2.8	2.5	2.7
15	---	---	---	---	---	---	2.3	2.1	2.2	2.7	2.4	2.6
16	---	---	---	---	---	---	2.3	2.2	2.2	2.9	2.6	2.7
17	---	---	---	---	---	---	2.2	2.2	2.2	3.4	2.4	3.1
18	---	---	---	---	---	---	2.2	2.1	2.2	3.5	2.7	3.2
19	---	---	---	---	---	---	2.2	2.2	2.2	3.6	2.8	3.3
20	---	---	---	---	---	---	2.3	2.2	2.2	4.0	2.7	3.5
21	---	---	---	---	---	---	2.4	2.2	2.3	4.0	3.3	3.6
22	---	---	---	---	---	---	2.4	2.3	2.3	3.7	2.8	3.3
23	---	---	---	---	---	---	2.6	2.3	2.4	3.4	2.7	3.1
24	---	---	---	---	---	---	2.6	2.5	2.5	3.2	2.7	2.9
25	---	---	---	---	---	---	2.5	2.3	2.4	3.9	3.1	3.3
26	---	---	---	---	---	---	2.5	2.4	2.5	4.3	3.8	3.9
27	---	---	---	---	---	---	2.5	2.4	2.4	4.5	4.0	4.3
28	---	---	---	---	---	---	---	---	---	4.0	3.3	3.8
29	---	---	---	---	---	---	---	---	---	3.6	3.2	3.4
30	---	---	---	---	---	---	---	---	---	3.8	3.1	3.5
31	---	---	---	---	---	---	---	---	---	4.2	3.0	3.6
Month	---	---	---	---	---	---	---	---	---	---	---	---

02043430 UPPER CURRITUCK SOUND NEAR COROLLA, 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	4.7	3.8	4.3	4.0	3.5	3.7	3.8	3.2	3.7	2.9	0.8	2.2
2	4.7	3.5	4.3	4.4	3.1	3.6	3.8	2.9	3.6	3.0	2.6	2.9
3	4.6	3.8	4.3	4.6	3.3	4.1	3.7	3.1	3.5	2.9	2.6	2.7
4	4.5	3.6	4.2	4.5	3.0	3.8	3.6	3.0	3.4	2.7	2.3	2.6
5	4.8	3.8	4.4	4.6	3.3	4.1	3.7	2.6	3.4	2.8	2.5	2.7
6	4.5	3.7	4.1	4.5	3.5	4.1	3.8	3.0	3.6	2.8	2.6	2.7
7	4.1	3.0	3.5	4.3	3.1	4.0	3.8	2.9	3.6	2.8	2.6	2.7
8	3.9	3.4	3.8	3.9	3.0	3.7	3.7	2.7	3.2	2.7	2.6	2.7
9	3.8	3.0	3.5	4.1	2.9	3.8	3.7	2.8	3.4	2.7	2.6	2.7
10	3.8	2.8	3.3	4.1	2.7	3.5	3.7	3.1	3.6	2.6	2.5	2.6
11	3.8	2.7	3.4	4.4	3.1	4.2	3.7	3.1	3.4	2.5	2.1	2.3
12	3.5	2.8	3.2	4.4	3.4	4.3	3.7	3.0	3.4	2.3	2.0	2.2
13	3.2	2.8	3.0	4.6	4.3	4.5	3.4	2.9	3.2	2.4	2.3	2.3
14	3.2	2.6	3.0	4.5	4.3	4.4	3.7	2.8	3.2	2.4	2.1	2.2
15	2.7	2.5	2.7	4.4	3.7	4.2	3.4	2.8	3.2	2.3	2.1	2.2
16	2.7	2.5	2.7	4.5	3.7	4.2	3.4	2.9	3.2	2.3	2.0	2.2
17	2.9	2.4	2.7	4.4	3.7	4.2	3.5	2.9	3.1	2.0	1.9	1.9
18	3.3	2.8	3.0	4.5	3.6	4.1	3.4	2.6	3.1	2.2	1.9	1.9
19	3.6	3.1	3.5	4.5	2.9	4.0	3.4	2.7	3.1	2.2	1.9	2.0
20	3.6	3.5	3.6	4.4	3.3	3.9	3.3	2.7	2.9	2.1	1.9	2.0
21	3.7	3.4	3.6	3.8	2.9	3.3	3.3	2.7	3.0	2.0	1.8	1.9
22	4.1	3.6	3.8	4.2	3.3	3.8	3.2	2.7	3.0	2.0	1.9	1.9
23	4.1	3.5	3.9	4.2	3.2	3.8	3.4	2.9	3.2	2.1	1.9	2.0
24	4.1	3.4	3.9	3.8	3.1	3.5	3.4	2.8	3.2	2.5	2.0	2.3
25	4.5	4.0	4.3	3.7	3.1	3.4	3.4	3.0	3.2	2.5	2.2	2.4
26	4.7	3.8	4.4	3.7	3.0	3.4	3.4	2.9	3.2	2.3	2.0	2.2
27	4.2	2.8	3.5	3.7	3.0	3.3	3.5	2.9	3.2	2.1	2.1	2.1
28	5.0	3.8	4.3	3.8	3.1	3.4	3.5	2.9	3.2	2.2	2.0	2.1
29	4.3	3.4	3.9	3.8	3.2	3.5	3.7	3.0	3.4	2.2	2.1	2.2
30	4.0	3.3	3.7	3.8	3.2	3.6	3.6	2.6	3.3	2.2	2.0	2.2
31	---	---	---	3.8	2.8	3.6	3.0	1.7	2.4	---	---	---
Month	5.0	2.4	3.7	4.6	2.7	3.8	3.8	1.7	3.3	3.0	0.8	2.3

02043430 UPPER CURRITUCK SOUND NEAR COROLLA, 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	2.2	2.1	2.2	1.7	1.5	1.6	1.3	1.2	1.2	1.3	1.2	1.3
2	2.2	2.1	2.2	1.7	1.5	1.6	1.3	1.2	1.2	1.3	1.2	1.2
3	2.2	2.1	2.2	1.7	1.5	1.6	1.2	1.1	1.1	1.3	1.2	1.2
4	2.2	2.0	2.1	1.6	1.5	1.5	1.3	1.1	1.1	1.3	1.2	1.2
5	2.2	2.0	2.1	1.6	1.3	1.5	1.2	1.1	1.1	1.3	1.2	1.3
6	2.2	1.9	2.1	1.5	1.3	1.4	1.1	1.1	1.1	1.3	1.2	1.3
7	2.1	2.0	2.0	1.5	1.3	1.5	1.2	1.1	1.2	1.3	1.2	1.3
8	2.2	1.8	2.0	1.5	1.4	1.5	1.1	1.1	1.1	1.4	1.2	1.3
9	2.1	1.8	2.0	1.5	1.3	1.4	1.1	1.1	1.1	1.3	1.2	1.2
10	2.0	1.8	1.9	1.4	1.4	1.4	1.2	1.1	1.2	1.3	1.2	1.2
11	1.9	1.7	1.8	1.5	1.4	1.4	1.2	1.2	1.2	1.3	1.2	1.2
12	1.9	1.8	1.9	1.5	1.3	1.5	1.2	1.1	1.2	1.3	1.2	1.2
13	1.9	1.8	1.8	1.4	1.3	1.3	1.2	1.1	1.2	1.3	1.2	1.2
14	1.8	1.7	1.8	1.4	1.3	1.3	1.2	1.2	1.2	1.3	1.2	1.2
15	1.9	1.7	1.8	1.4	1.3	1.4	1.2	1.2	1.2	1.4	1.2	1.2
16	1.9	1.8	1.9	1.6	1.4	1.4	1.2	1.2	1.2	1.4	1.3	1.3
17	1.9	1.8	1.8	1.8	1.5	1.7	1.2	1.2	1.2	---	---	---
18	1.8	1.7	1.8	1.5	1.3	1.4	1.2	1.2	1.2	---	---	---
19	1.9	1.7	1.8	1.4	1.3	1.4	1.2	1.2	1.2	1.3	1.2	1.2
20	1.9	1.6	1.8	1.4	1.3	1.4	1.2	1.2	1.2	1.3	1.1	1.2
21	1.9	1.7	1.8	---	---	---	1.2	1.2	1.2	1.3	1.2	1.3
22	1.9	1.8	1.9	---	---	---	1.2	1.2	1.2	1.3	1.2	1.2
23	1.9	1.6	1.8	1.2	1.1	1.1	1.2	1.2	1.2	1.2	1.1	1.2
24	1.8	1.6	1.8	1.1	0.9	1.1	1.2	1.2	1.2	1.2	1.1	1.2
25	1.8	1.7	1.8	1.2	1.1	1.1	1.2	1.2	1.2	1.2	1.1	1.1
26	1.8	1.7	1.8	1.1	1.1	1.1	1.4	1.2	1.3	1.2	1.0	1.2
27	1.8	1.5	1.7	1.2	1.0	1.1	1.4	1.2	1.2	1.2	1.0	1.0
28	1.7	1.3	1.6	1.2	1.0	1.1	1.2	1.2	1.2	1.2	1.0	1.1
29	1.7	1.5	1.6	1.1	1.0	1.0	1.2	1.2	1.2	1.2	1.0	1.2
30	1.7	1.5	1.7	1.2	1.1	1.1	1.2	1.2	1.2	1.2	1.0	1.1
31	1.7	1.5	1.6	---	---	---	1.2	1.2	1.2	1.2	1.0	1.1
Month	2.2	1.3	1.9	---	---	---	1.4	1.1	1.2	---	---	---

02043430 UPPER CURRITUCK SOUND NEAR COROLLA, 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	1.2	1.0	1.0	1.2	1.0	1.1	1.2	1.0	1.1	1.2	1.1	1.2
2	1.1	1.0	1.1	1.1	1.1	1.1	1.2	1.1	1.1	1.3	1.2	1.3
3	1.2	1.0	1.1	1.2	1.1	1.1	1.2	1.1	1.2	1.3	1.2	1.3
4	1.2	1.0	1.1	1.2	1.1	1.1	1.2	1.1	1.2	1.2	1.2	1.2
5	1.1	1.0	1.1	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2
6	1.1	1.0	1.1	1.2	1.1	1.2	1.2	1.1	1.2	---	---	---
7	1.1	1.0	1.1	1.2	1.1	1.2	1.2	1.1	1.2	---	---	---
8	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	---	---	---
9	1.2	1.1	1.1	1.2	1.1	1.2	1.2	1.2	1.2	---	---	---
10	1.2	1.1	1.1	1.2	1.1	1.1	1.2	1.2	1.2	1.3	1.0	1.1
11	1.2	1.1	1.1	1.2	1.1	1.1	1.3	1.2	1.2	1.3	1.0	1.1
12	1.1	1.1	1.1	1.2	1.1	1.2	1.3	1.1	1.2	1.2	1.2	1.2
13	1.1	1.1	1.1	1.2	1.1	1.2	1.2	1.1	1.2	1.2	1.1	1.1
14	1.1	1.0	1.0	1.2	1.1	1.1	1.2	1.2	1.2	1.2	1.1	1.1
15	1.1	1.0	1.1	1.2	1.0	1.1	1.3	1.1	1.1	1.2	1.1	1.2
16	1.2	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.3	1.2	1.2
17	1.2	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.3	1.2	1.2
18	1.2	1.0	1.1	1.2	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2
19	1.3	1.1	1.2	1.2	1.1	1.1	1.2	1.1	1.1	1.2	1.2	1.2
20	1.2	1.0	1.1	1.1	1.0	1.1	1.2	1.1	1.1	1.2	1.2	1.2
21	1.1	1.0	1.0	1.1	1.1	1.1	1.1	1.0	1.1	1.2	1.2	1.2
22	1.1	1.0	1.1	1.2	1.1	1.1	1.1	1.0	1.1	1.3	1.2	1.2
23	---	---	---	1.1	1.1	1.1	1.2	1.0	1.1	1.3	1.2	1.2
24	---	---	---	1.1	1.0	1.1	1.2	1.1	1.1	1.3	1.2	1.3
25	---	---	---	1.2	1.0	1.1	1.2	1.1	1.1	1.4	1.3	1.3
26	1.2	1.0	1.1	1.2	1.0	1.1	1.2	1.1	1.2	1.4	1.3	1.3
27	1.1	1.0	1.1	1.1	0.9	1.0	1.2	1.1	1.2	1.4	1.3	1.3
28	1.2	1.0	1.1	1.1	0.9	1.0	1.2	1.1	1.2	1.9	1.4	1.5
29	---	---	---	---	---	---	1.2	1.2	1.2	2.4	1.4	1.7
30	---	---	---	---	---	---	1.2	1.2	1.2	1.5	1.4	1.4
31	---	---	---	1.2	1.1	1.2	---	---	---	1.8	1.4	1.6
Month	---	---	---	---	---	---	1.3	1.0	1.2	---	---	---

02043430 UPPER CURRITUCK SOUND NEAR COROLLA, 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	2.3	1.8	2.0	4.1	3.4	3.7	---	---	---	---	---	---
2	2.4	2.0	2.1	3.6	3.4	3.5	---	---	---	---	---	---
3	2.3	1.8	2.2	3.7	3.5	3.6	---	---	---	---	---	---
4	3.0	2.1	2.7	4.2	2.8	3.5	---	---	---	---	---	---
5	3.1	2.4	2.7	4.3	4.1	4.2	---	---	---	---	---	---
6	2.8	2.4	2.6	4.3	4.2	4.3	---	---	---	---	---	---
7	3.0	2.5	2.7	4.3	4.1	4.2	---	---	---	---	---	---
8	3.4	2.8	3.2	4.3	4.1	4.3	---	---	---	---	---	---
9	3.4	2.6	3.0	4.3	4.1	4.2	---	---	---	---	---	---
10	2.7	2.0	2.3	4.3	4.1	4.3	---	---	---	---	---	---
11	2.4	2.0	2.3	4.3	4.0	4.1	---	---	---	---	---	---
12	2.4	2.1	2.3	4.3	3.8	4.1	---	---	---	---	---	---
13	2.5	2.1	2.3	4.3	4.1	4.2	---	---	---	---	---	---
14	2.4	1.9	2.1	4.3	4.2	4.2	---	---	---	---	---	---
15	2.2	2.0	2.1	4.2	4.0	4.1	---	---	---	---	---	---
16	2.2	1.8	2.1	4.2	4.1	4.2	---	---	---	---	---	---
17	2.2	1.7	1.9	4.2	4.2	4.2	---	---	---	---	---	---
18	2.4	1.9	2.2	4.2	4.2	4.2	---	---	---	---	---	---
19	2.8	2.1	2.4	4.3	4.2	4.2	---	---	---	---	---	---
20	3.0	2.5	2.7	---	---	---	---	---	---	---	---	---
21	2.5	2.1	2.4	---	---	---	---	---	---	---	---	---
22	2.5	2.1	2.4	---	---	---	---	---	---	---	---	---
23	2.3	1.8	2.2	---	---	---	---	---	---	---	---	---
24	2.6	2.0	2.4	4.5	4.2	4.3	---	---	---	---	---	---
25	3.2	2.4	2.8	4.4	4.1	4.3	---	---	---	---	---	---
26	3.4	2.8	3.1	4.4	3.9	4.1	---	---	---	---	---	---
27	3.5	2.9	3.3	4.5	3.9	4.1	---	---	---	---	---	---
28	4.0	3.1	3.6	4.1	3.4	3.8	---	---	---	---	---	---
29	4.1	3.5	3.9	4.0	3.5	3.9	---	---	---	---	---	---
30	4.2	3.4	4.0	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	4.2	1.7	2.6	---	---	---	---	---	---	---	---	---

02043430 UPPER CURRITUCK SOUND NEAR COROLLA, 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	---	---	---	---	---	---	---	---	---	---	---	---

02043430 UPPER CURRITUCK SOUND NEAR COROLLA, 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	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	4,430	3,870	4,170
5	---	---	---	---	---	---	---	---	---	4,490	3,950	4,220
6	---	---	---	---	---	---	---	---	---	4,420	4,230	4,320
7	---	---	---	---	---	---	---	---	---	4,330	4,080	4,220
8	---	---	---	---	---	---	---	---	---	4,080	3,880	3,940
9	---	---	---	---	---	---	---	---	---	4,100	3,810	3,900
10	---	---	---	---	---	---	---	---	---	4,280	3,900	4,140
11	---	---	---	---	---	---	---	---	---	4,590	4,160	4,390
12	---	---	---	---	---	---	---	---	---	4,550	4,330	4,480
13	---	---	---	---	---	---	4,280	4,050	4,160	5,190	4,480	4,880
14	---	---	---	---	---	---	4,170	3,850	4,110	5,280	4,760	5,100
15	---	---	---	---	---	---	4,390	4,040	4,170	5,140	4,570	4,860
16	---	---	---	---	---	---	4,300	4,110	4,170	5,390	4,850	5,100
17	---	---	---	---	---	---	4,200	4,110	4,140	6,210	4,520	5,700
18	---	---	---	---	---	---	4,150	4,090	4,120	6,500	5,030	5,950
19	---	---	---	---	---	---	4,210	4,110	4,170	6,560	5,250	6,080
20	---	---	---	---	---	---	4,350	4,160	4,220	7,240	5,140	6,360
21	---	---	---	---	---	---	4,460	4,130	4,340	7,230	6,100	6,560
22	---	---	---	---	---	---	4,490	4,330	4,420	6,800	5,220	6,040
23	---	---	---	---	---	---	4,950	4,400	4,560	6,230	5,000	5,670
24	---	---	---	---	---	---	4,940	4,620	4,730	6,000	4,980	5,400
25	---	---	---	---	---	---	4,750	4,380	4,550	7,040	5,740	6,110
26	---	---	---	---	---	---	4,750	4,560	4,670	7,760	7,030	7,200
27	---	---	---	---	---	---	4,720	4,500	4,580	8,200	7,310	7,840
28	---	---	---	---	---	---	---	---	---	7,340	6,150	6,950
29	---	---	---	---	---	---	---	---	---	6,680	5,870	6,270
30	---	---	---	---	---	---	---	---	---	7,000	5,710	6,410
31	---	---	---	---	---	---	---	---	---	7,620	5,620	6,630
Month	---	---	---	---	---	---	---	---	---	---	---	---

02043430 UPPER CURRITUCK SOUND NEAR COROLLA, 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	8,470	6,890	7,720	7,210	6,460	6,860	6,940	6,000	6,730	5,380	1,630	4,110
2	8,480	6,380	7,710	7,910	5,780	6,590	6,900	5,430	6,630	5,570	4,900	5,360
3	8,260	6,870	7,800	8,330	6,120	7,440	6,820	5,710	6,410	5,370	4,840	5,120
4	8,160	6,620	7,660	8,150	5,630	6,870	6,550	5,630	6,290	5,080	4,390	4,820
5	8,670	7,000	8,040	8,350	6,130	7,510	6,780	4,960	6,260	5,200	4,790	5,050
6	8,070	6,840	7,450	8,070	6,380	7,530	6,870	5,570	6,530	5,190	4,910	5,030
7	7,480	5,620	6,500	7,730	5,770	7,260	6,940	5,470	6,580	5,180	4,910	5,040
8	7,100	6,340	6,870	7,200	5,580	6,810	6,710	5,000	5,970	5,040	4,890	4,980
9	6,870	5,570	6,510	7,460	5,350	6,920	6,850	5,250	6,220	5,010	4,910	4,970
10	6,870	5,220	6,120	7,490	5,080	6,380	6,770	5,780	6,540	4,930	4,660	4,870
11	6,940	4,990	6,200	7,910	5,820	7,570	6,700	5,680	6,280	4,750	4,070	4,420
12	6,460	5,220	5,960	8,040	6,220	7,770	6,700	5,620	6,260	4,420	3,880	4,210
13	5,960	5,270	5,510	8,340	7,740	8,180	6,250	5,400	6,000	4,600	4,390	4,420
14	5,970	4,950	5,600	8,100	7,810	7,930	6,730	5,290	6,000	4,470	3,950	4,230
15	5,120	4,720	4,980	7,920	6,770	7,620	6,320	5,160	5,910	4,300	4,080	4,170
16	5,070	4,680	4,980	8,070	6,840	7,650	6,310	5,430	5,990	4,360	3,790	4,140
17	5,390	4,500	5,080	7,900	6,830	7,660	6,470	5,330	5,830	3,850	3,570	3,670
18	6,080	5,160	5,570	8,220	6,570	7,530	6,300	4,890	5,790	4,160	3,620	3,700
19	6,650	5,800	6,380	8,200	5,370	7,240	6,260	5,140	5,830	4,130	3,680	3,810
20	6,680	6,380	6,600	7,940	6,030	7,140	6,130	5,070	5,480	3,950	3,680	3,810
21	6,730	6,280	6,600	7,010	5,330	6,170	6,020	5,060	5,530	3,800	3,530	3,700
22	7,420	6,570	6,970	7,590	6,160	7,000	5,890	5,030	5,530	3,850	3,650	3,680
23	7,420	6,410	7,140	7,600	5,900	7,000	6,340	5,320	5,980	3,950	3,560	3,810
24	7,540	6,320	7,110	6,960	5,800	6,370	6,330	5,200	5,990	4,660	3,830	4,350
25	8,210	7,220	7,780	6,840	5,760	6,230	6,340	5,560	5,890	4,670	4,250	4,450
26	8,440	6,900	7,990	6,700	5,620	6,210	6,180	5,400	5,880	4,300	3,820	4,110
27	7,690	5,260	6,410	6,690	5,550	6,120	6,360	5,470	5,870	3,980	3,920	3,950
28	8,920	6,960	7,780	6,860	5,670	6,200	6,480	5,480	5,950	4,260	3,870	4,020
29	7,720	6,330	7,150	6,960	5,860	6,350	6,780	5,630	6,330	4,230	4,000	4,150
30	7,210	6,090	6,860	6,900	5,920	6,580	6,650	4,920	6,160	4,230	3,900	4,140
31	---	---	---	6,920	5,170	6,650	5,520	3,300	4,500	---	---	---
Month	8,920	4,500	6,700	8,350	5,080	7,010	6,940	3,300	6,040	5,570	1,630	4,340

02043430 UPPER CURRITUCK SOUND NEAR COROLLA, 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	4,240	4,090	4,170	3,220	3,000	3,070	2,570	2,370	2,440	2,560	2,320	2,470
2	4,200	4,010	4,120	3,300	2,950	3,160	2,520	2,310	2,400	2,510	2,350	2,420
3	4,240	4,050	4,150	3,230	2,900	3,050	2,350	2,170	2,260	2,480	2,350	2,390
4	4,190	3,820	4,050	3,060	2,910	2,990	2,480	2,100	2,240	2,540	2,340	2,430
5	4,110	3,800	3,930	3,060	2,620	2,860	2,370	2,120	2,250	2,570	2,440	2,500
6	4,130	3,670	3,970	2,910	2,610	2,800	2,270	2,130	2,200	2,550	2,440	2,490
7	4,000	3,740	3,890	2,950	2,610	2,830	2,370	2,200	2,300	2,560	2,430	2,490
8	4,200	3,420	3,830	2,960	2,710	2,850	2,260	2,110	2,160	2,740	2,420	2,530
9	3,980	3,510	3,780	2,950	2,630	2,800	2,270	2,170	2,200	2,560	2,420	2,460
10	3,840	3,440	3,660	2,790	2,660	2,770	2,330	2,270	2,300	2,560	2,360	2,430
11	3,610	3,370	3,520	3,000	2,720	2,810	2,380	2,330	2,370	2,530	2,360	2,440
12	3,690	3,500	3,590	2,990	2,590	2,850	2,380	2,270	2,330	2,610	2,380	2,430
13	3,710	3,430	3,530	2,780	2,480	2,620	2,320	2,270	2,290	2,530	2,390	2,450
14	3,550	3,280	3,450	2,710	2,550	2,630	2,390	2,280	2,320	2,570	2,310	2,420
15	3,560	3,300	3,400	2,660	2,630	2,640	2,370	2,330	2,350	2,660	2,300	2,460
16	3,660	3,490	3,590	3,060	2,650	2,820	2,360	2,290	2,330	2,720	2,490	2,600
17	3,640	3,490	3,550	3,500	2,930	3,340	2,390	2,290	2,340	---	---	---
18	3,520	3,290	3,410	2,960	2,600	2,740	2,450	2,380	2,420	---	---	---
19	3,610	3,230	3,470	2,740	2,580	2,700	2,440	2,290	2,360	2,530	2,390	2,460
20	3,680	3,120	3,420	2,740	2,560	2,640	2,360	2,280	2,310	2,560	2,200	2,450
21	3,570	3,240	3,490	---	---	---	2,320	2,280	2,310	2,560	2,460	2,530
22	3,610	3,480	3,560	---	---	---	2,390	2,290	2,320	2,470	2,340	2,390
23	3,580	3,150	3,380	2,380	2,130	2,270	2,420	2,380	2,400	2,440	2,260	2,340
24	3,520	3,160	3,390	2,240	1,900	2,110	2,420	2,310	2,380	2,410	2,200	2,300
25	3,520	3,360	3,470	2,320	2,140	2,270	2,400	2,280	2,330	2,430	2,160	2,270
26	3,490	3,270	3,390	2,250	2,140	2,210	2,720	2,360	2,540	2,430	2,040	2,290
27	3,410	2,830	3,210	2,310	2,060	2,230	2,680	2,310	2,450	2,310	2,010	2,080
28	3,350	2,510	3,060	2,290	2,070	2,220	2,420	2,320	2,350	2,380	2,020	2,250
29	3,290	2,870	3,090	2,140	1,990	2,070	2,420	2,330	2,370	2,440	2,030	2,340
30	3,280	2,930	3,190	2,380	2,110	2,200	2,390	2,340	2,370	2,410	1,930	2,150
31	3,240	2,910	3,110	---	---	---	2,420	2,350	2,370	2,390	1,920	2,190
Month	4,240	2,510	3,570	---	---	---	2,720	2,100	2,330	---	---	---

02043430 UPPER CURRITUCK SOUND NEAR COROLLA, NC—Continued

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

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	2,300	1,940	2,050	2,310	2,040	2,210	2,280	2,070	2,180	2,460	2,230	2,330
2	2,250	2,040	2,140	2,250	2,120	2,170	2,320	2,130	2,230	2,600	2,430	2,510
3	2,300	2,070	2,190	2,280	2,140	2,210	2,380	2,210	2,290	2,540	2,410	2,480
4	2,290	2,000	2,110	2,330	2,160	2,240	2,430	2,220	2,340	2,430	2,380	2,400
5	2,230	2,030	2,120	2,360	2,220	2,300	2,430	2,290	2,350	2,460	2,360	2,400
6	2,150	2,040	2,090	2,430	2,270	2,350	2,390	2,270	2,330	---	---	---
7	2,210	2,080	2,130	2,420	2,200	2,310	2,440	2,260	2,330	---	---	---
8	2,220	2,140	2,180	2,450	2,280	2,370	2,430	2,350	2,390	---	---	---
9	2,280	2,130	2,220	2,440	2,180	2,360	2,450	2,340	2,400	---	---	---
10	2,290	2,220	2,250	2,360	2,160	2,260	2,460	2,280	2,360	2,490	2,000	2,160
11	2,290	2,210	2,250	2,440	2,110	2,260	2,480	2,350	2,400	2,580	2,070	2,190
12	2,270	2,230	2,250	2,430	2,170	2,340	2,520	2,230	2,320	2,360	2,300	2,330
13	2,250	2,160	2,200	2,400	2,170	2,310	2,400	2,270	2,320	2,330	2,200	2,260
14	2,230	1,970	2,060	2,370	2,160	2,260	2,430	2,300	2,360	2,410	2,200	2,250
15	2,200	2,010	2,140	2,400	2,010	2,200	2,500	2,110	2,230	2,420	2,250	2,330
16	2,290	2,090	2,240	2,220	2,120	2,160	2,230	2,110	2,180	2,500	2,370	2,420
17	2,290	1,940	2,150	2,210	2,140	2,180	2,240	2,110	2,180	2,470	2,390	2,430
18	2,390	1,940	2,100	2,350	2,100	2,260	2,270	2,170	2,230	2,400	2,320	2,370
19	2,470	2,160	2,380	2,340	2,150	2,270	2,280	2,220	2,250	2,430	2,300	2,350
20	2,440	2,010	2,170	2,200	2,070	2,150	2,340	2,180	2,270	2,370	2,300	2,340
21	2,180	1,940	2,040	2,270	2,140	2,200	2,250	2,050	2,150	2,410	2,360	2,380
22	2,160	2,070	2,110	2,290	2,110	2,170	2,260	2,080	2,140	2,470	2,340	2,410
23	---	---	---	2,260	2,100	2,180	2,290	2,080	2,170	2,490	2,350	2,410
24	---	---	---	2,250	2,040	2,150	2,280	2,160	2,220	2,530	2,410	2,470
25	---	---	---	2,300	1,990	2,160	2,300	2,200	2,260	2,710	2,500	2,570
26	2,280	2,010	2,130	2,300	1,940	2,110	2,340	2,260	2,280	2,780	2,570	2,610
27	2,250	1,960	2,100	2,160	1,800	1,950	2,360	2,220	2,280	2,820	2,530	2,630
28	2,290	2,060	2,140	2,200	1,860	2,010	2,440	2,270	2,340	3,730	2,670	2,870
29	---	---	---	---	---	---	2,370	2,300	2,340	4,480	2,730	3,370
30	---	---	---	---	---	---	2,420	2,320	2,360	2,990	2,670	2,760
31	---	---	---	2,430	2,140	2,300	---	---	---	3,520	2,760	3,040
Month	---	---	---	---	---	---	2,520	2,050	2,280	---	---	---

02043430 UPPER CURRITUCK SOUND NEAR COROLLA, 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	4,370	3,460	3,740	7,390	6,230	6,790	---	---	---	---	---	---
2	4,510	3,840	4,070	6,670	6,200	6,430	---	---	---	---	---	---
3	4,430	3,510	4,120	6,770	6,400	6,620	---	---	---	---	---	---
4	5,520	4,050	4,980	7,580	5,260	6,470	---	---	---	---	---	---
5	5,670	4,580	5,090	7,780	7,430	7,580	---	---	---	---	---	---
6	5,280	4,460	4,930	7,820	7,660	7,720	---	---	---	---	---	---
7	5,530	4,670	5,030	7,770	7,390	7,670	---	---	---	---	---	---
8	6,310	5,180	5,890	7,850	7,520	7,720	---	---	---	---	---	---
9	6,310	4,930	5,540	7,720	7,460	7,580	---	---	---	---	---	---
10	5,130	3,910	4,370	7,860	7,440	7,740	---	---	---	---	---	---
11	4,600	3,900	4,320	7,780	7,260	7,460	---	---	---	---	---	---
12	4,560	4,050	4,360	7,750	7,020	7,440	---	---	---	---	---	---
13	4,650	4,020	4,360	7,760	7,510	7,670	---	---	---	---	---	---
14	4,580	3,630	4,090	7,730	7,600	7,670	---	---	---	---	---	---
15	4,140	3,740	4,010	7,680	7,290	7,460	---	---	---	---	---	---
16	4,190	3,550	3,980	7,610	7,490	7,570	---	---	---	---	---	---
17	4,190	3,350	3,630	7,710	7,560	7,640	---	---	---	---	---	---
18	4,610	3,680	4,250	7,700	7,580	7,640	---	---	---	---	---	---
19	5,180	3,970	4,540	7,770	7,570	7,700	---	---	---	---	---	---
20	5,530	4,680	5,070	---	---	---	---	---	---	---	---	---
21	4,700	4,040	4,520	---	---	---	---	---	---	---	---	---
22	4,740	4,000	4,500	---	---	---	---	---	---	---	---	---
23	4,410	3,500	4,160	---	---	---	---	---	---	---	---	---
24	4,870	3,890	4,540	8,100	7,610	7,800	---	---	---	---	---	---
25	5,870	4,450	5,220	7,970	7,470	7,720	---	---	---	---	---	---
26	6,190	5,170	5,820	8,020	7,190	7,520	---	---	---	---	---	---
27	6,390	5,440	6,010	8,110	7,080	7,530	---	---	---	---	---	---
28	7,260	5,680	6,550	7,380	6,190	6,890	---	---	---	---	---	---
29	7,500	6,450	7,160	7,360	6,390	7,130	---	---	---	---	---	---
30	7,590	6,320	7,260	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	7,590	3,350	4,870	---	---	---	---	---	---	---	---	---

02043430 UPPER CURRITUCK SOUND NEAR COROLLA, 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	---	---	---	---	---	---	---	---	---	---	---	---

02043430 UPPER CURRITUCK SOUND NEAR COROLLA, 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	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	8.6	7.5	8.0
5	---	---	---	---	---	---	---	---	---	8.5	7.5	7.9
6	---	---	---	---	---	---	---	---	---	8.6	7.6	7.9
7	---	---	---	---	---	---	---	---	---	8.5	7.7	8.1
8	---	---	---	---	---	---	---	---	---	8.4	7.5	7.8
9	---	---	---	---	---	---	---	---	---	8.5	7.6	7.9
10	---	---	---	---	---	---	---	---	---	8.5	7.7	8.0
11	---	---	---	---	---	---	---	---	---	8.6	7.8	8.2
12	---	---	---	---	---	---	---	---	---	8.7	7.9	8.3
13	---	---	---	---	---	---	8.1	7.6	7.8	8.7	7.9	8.4
14	---	---	---	---	---	---	8.1	7.5	7.8	8.6	8.1	8.4
15	---	---	---	---	---	---	8.3	7.4	7.7	8.5	7.8	8.1
16	---	---	---	---	---	---	8.4	7.5	8.0	8.5	7.9	8.2
17	---	---	---	---	---	---	8.1	7.5	7.7	8.4	7.7	8.2
18	---	---	---	---	---	---	8.1	7.4	7.6	8.5	8.1	8.2
19	---	---	---	---	---	---	8.3	7.6	7.8	8.3	7.8	8.1
20	---	---	---	---	---	---	8.5	7.6	8.0	8.2	7.7	8.0
21	---	---	---	---	---	---	8.3	7.6	7.9	8.5	7.8	8.2
22	---	---	---	---	---	---	8.3	7.6	7.9	8.9	7.7	8.6
23	---	---	---	---	---	---	8.5	7.7	7.9	9.2	7.9	8.7
24	---	---	---	---	---	---	8.5	7.9	8.1	9.2	8.5	8.8
25	---	---	---	---	---	---	8.7	7.8	8.2	8.7	8.2	8.4
26	---	---	---	---	---	---	8.6	7.8	8.2	8.6	7.7	8.0
27	---	---	---	---	---	---	8.3	7.7	8.0	8.7	7.6	8.0
28	---	---	---	---	---	---	---	---	---	8.8	8.2	8.4
29	---	---	---	---	---	---	---	---	---	9.0	8.4	8.7
30	---	---	---	---	---	---	---	---	---	8.7	8.3	8.5
31	---	---	---	---	---	---	---	---	---	8.8	8.0	8.3
Max	---	---	---	---	---	---	---	---	---	---	---	---
Min	---	---	---	---	---	---	---	---	---	---	---	---

02043430 UPPER CURRITUCK SOUND NEAR COROLLA, 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	8.8	8.3	8.5	8.8	8.3	8.6	8.7	8.3	8.6	8.3	7.6	8.0
2	8.6	7.8	8.2	8.5	8.1	8.4	8.7	8.4	8.5	8.8	8.0	8.4
3	8.4	7.6	8.0	8.5	8.2	8.3	8.6	8.2	8.6	8.9	8.2	8.6
4	8.5	7.5	8.1	8.5	8.1	8.3	8.7	8.1	8.4	8.8	7.7	8.5
5	8.6	7.9	8.3	8.5	8.2	8.3	8.7	7.6	8.2	8.9	8.5	8.7
6	9.0	8.2	8.8	8.6	8.1	8.3	9.0	7.9	8.6	8.7	7.6	8.3
7	9.0	8.4	8.6	8.9	7.8	8.4	9.0	8.3	8.6	8.8	7.6	8.5
8	8.8	8.0	8.5	9.0	8.7	9.0	8.9	8.3	8.5	8.8	8.1	8.5
9	8.8	7.7	8.5	9.0	8.4	8.8	8.7	7.8	8.5	9.0	8.5	8.8
10	9.0	8.3	8.8	9.0	8.2	8.8	8.9	8.2	8.5	9.0	8.6	8.9
11	9.1	8.6	8.8	9.0	8.3	8.7	8.9	8.1	8.7	9.1	8.4	8.7
12	8.9	8.4	8.7	8.8	8.3	8.6	9.0	8.4	8.9	9.1	8.4	8.8
13	9.0	8.6	8.8	8.8	8.2	8.6	9.0	8.6	8.9	8.9	8.2	8.6
14	8.8	7.9	8.6	8.6	8.0	8.4	9.2	8.4	9.0	8.8	8.1	8.6
15	9.0	7.8	8.3	8.7	8.0	8.4	9.1	8.8	9.0	8.8	8.0	8.4
16	9.0	8.7	8.9	9.0	8.4	8.7	9.1	8.7	9.0	8.7	8.0	8.3
17	9.0	8.5	8.7	9.1	8.5	8.9	9.0	8.7	8.8	8.8	7.9	8.3
18	8.9	8.5	8.7	8.9	8.6	8.7	8.8	8.2	8.6	9.0	7.9	8.6
19	9.0	8.5	8.7	9.1	8.5	8.8	9.0	8.5	8.7	9.0	8.3	8.7
20	8.8	8.5	8.6	9.1	8.8	9.0	9.0	8.4	8.7	8.7	7.9	8.6
21	8.7	8.4	8.6	9.0	8.5	8.7	8.9	8.1	8.6	8.7	7.9	8.4
22	8.7	8.4	8.6	8.8	8.3	8.6	8.8	8.2	8.6	8.7	8.0	8.5
23	8.9	8.5	8.7	8.6	8.1	8.3	8.8	8.3	8.6	8.8	8.2	8.5
24	9.1	8.8	8.9	8.6	7.9	8.4	8.8	8.2	8.5	8.8	7.8	8.5
25	9.2	8.8	8.9	8.8	8.1	8.6	8.9	8.0	8.6	8.6	7.8	8.2
26	9.2	8.5	8.8	8.7	8.2	8.6	8.9	8.7	8.8	8.5	7.6	8.1
27	9.0	8.4	8.7	8.9	8.3	8.7	8.9	8.6	8.8	8.9	7.6	8.3
28	8.9	8.5	8.8	8.9	8.2	8.6	8.9	8.7	8.8	9.0	7.8	8.5
29	8.6	8.2	8.4	8.7	8.3	8.6	9.0	8.3	8.8	8.5	7.8	8.2
30	8.8	8.1	8.3	8.8	8.3	8.6	9.0	8.3	8.6	8.6	7.6	8.0
31	---	---	---	8.8	8.3	8.6	8.3	7.5	8.0	---	---	---
Max	9.2	8.8	8.9	9.1	8.8	9.0	9.2	8.8	9.0	9.1	8.6	8.9
Min	8.4	7.5	8.0	8.5	7.8	8.3	8.3	7.5	8.0	8.3	7.6	8.0

02043430 UPPER CURRITUCK SOUND NEAR COROLLA, 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	8.7	7.9	8.4	8.0	7.5	7.6	8.0	7.6	7.7	7.9	7.5	7.6
2	8.6	7.7	8.3	8.0	7.4	7.7	8.1	7.5	7.7	7.8	7.4	7.5
3	8.6	7.6	8.2	7.8	7.6	7.7	7.9	7.6	7.7	7.7	7.4	7.5
4	8.5	7.9	8.2	7.7	7.6	7.6	7.8	7.6	7.7	8.2	7.5	7.6
5	8.4	7.8	8.1	7.7	7.5	7.6	7.8	7.6	7.6	8.1	7.5	7.8
6	8.0	7.5	7.7	7.6	7.4	7.5	7.9	7.6	7.6	8.2	7.5	7.7
7	8.5	7.5	7.9	7.7	7.3	7.5	7.9	7.6	7.7	7.8	7.4	7.6
8	8.2	7.7	7.9	8.3	7.5	7.7	7.8	7.7	7.7	7.9	7.4	7.6
9	8.1	7.6	7.8	8.2	7.5	7.7	7.7	7.6	7.7	7.9	7.4	7.6
10	8.4	7.6	8.0	8.4	7.4	7.8	7.7	7.6	7.6	7.6	7.5	7.6
11	8.6	7.6	8.1	8.6	7.5	8.0	7.7	7.5	7.6	7.8	7.4	7.5
12	8.5	7.7	8.0	7.9	7.5	7.6	7.6	7.4	7.5	7.9	7.4	7.6
13	8.2	7.6	7.8	7.8	7.5	7.6	7.5	7.3	7.4	8.0	7.4	7.7
14	8.5	7.6	7.9	8.1	7.4	7.8	7.6	7.3	7.4	7.9	7.4	7.7
15	8.4	7.7	8.0	8.1	7.5	7.8	7.8	7.5	7.6	8.0	7.3	7.7
16	8.1	7.5	7.7	8.2	7.6	7.8	7.8	7.4	7.5	7.6	7.4	7.5
17	8.1	7.5	7.7	8.2	7.6	7.8	8.0	7.3	7.5	---	---	---
18	8.7	7.5	7.8	8.1	7.5	7.8	7.9	7.4	7.6	---	---	---
19	8.5	7.8	8.1	7.9	7.6	7.8	7.6	7.3	7.4	7.6	7.5	7.5
20	8.7	7.9	8.2	8.0	7.6	7.7	7.5	7.3	7.4	7.6	7.3	7.5
21	8.5	7.8	8.2	---	---	---	7.4	7.2	7.3	7.5	7.4	7.4
22	8.3	8.0	8.1	---	---	---	7.6	7.3	7.4	7.5	7.3	7.4
23	8.5	7.9	8.3	7.5	7.4	7.5	7.7	7.4	7.5	7.4	7.3	7.4
24	8.7	8.3	8.4	7.7	7.4	7.5	7.7	7.3	7.5	7.5	7.3	7.4
25	8.6	8.4	8.5	7.7	7.2	7.4	7.6	7.4	7.5	7.6	7.3	7.4
26	8.5	7.9	8.3	7.6	7.3	7.4	7.8	7.4	7.6	7.6	7.3	7.4
27	8.2	8.0	8.1	7.8	7.2	7.4	7.9	7.4	7.6	7.4	7.3	7.4
28	8.2	7.8	8.0	8.0	7.4	7.7	7.6	7.4	7.5	7.5	7.3	7.4
29	8.2	7.8	7.9	7.8	7.4	7.6	7.5	7.3	7.4	7.6	7.3	7.5
30	7.9	7.6	7.8	8.3	7.4	7.7	7.5	7.2	7.3	7.6	7.3	7.4
31	7.9	7.4	7.7	---	---	---	7.5	7.3	7.3	7.5	7.3	7.4
Max	8.7	8.4	8.5	---	---	---	8.1	7.7	7.7	---	---	---
Min	7.9	7.4	7.7	---	---	---	7.4	7.2	7.3	---	---	---

02043430 UPPER CURRITUCK SOUND NEAR COROLLA, 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	7.4	7.3	7.3	8.1	7.7	7.8	8.1	7.7	7.8	8.7	7.5	8.3
2	7.4	7.3	7.3	8.0	7.7	7.8	8.0	7.7	7.8	8.4	7.6	7.9
3	7.6	7.3	7.4	8.0	7.6	7.7	8.3	7.6	7.8	8.0	7.6	7.7
4	7.5	7.4	7.4	8.0	7.6	7.8	8.2	7.7	7.9	8.4	7.5	7.8
5	7.5	7.4	7.4	8.1	7.8	8.0	8.6	7.7	8.0	8.9	7.8	8.2
6	7.4	7.3	7.4	8.2	7.8	8.0	8.9	8.0	8.2	---	---	---
7	7.4	7.3	7.4	8.2	7.8	8.0	8.4	8.0	8.2	---	---	---
8	7.5	7.4	7.4	8.2	7.9	7.9	8.4	8.2	8.2	---	---	---
9	7.5	7.4	7.4	8.0	7.8	7.9	8.3	8.1	8.2	---	---	---
10	7.5	7.3	7.4	8.2	7.7	7.9	8.3	7.9	8.2	8.6	7.3	8.0
11	7.6	7.3	7.4	8.1	7.7	7.9	8.3	8.2	8.2	8.7	7.3	7.8
12	7.5	7.3	7.4	8.0	7.8	7.9	8.2	7.8	8.0	8.9	7.6	8.0
13	7.5	7.3	7.3	8.4	7.8	7.9	8.3	7.8	7.9	8.3	7.6	8.0
14	7.5	7.3	7.4	8.7	7.8	8.1	8.2	7.6	7.9	8.6	7.7	8.0
15	7.5	7.3	7.4	8.8	7.8	8.2	8.0	7.6	7.7	8.5	7.7	8.0
16	7.6	7.3	7.5	8.7	8.0	8.2	7.7	7.6	7.7	8.3	7.9	8.0
17	7.6	7.3	7.4	8.6	8.2	8.5	8.1	7.6	7.7	8.0	7.7	7.8
18	7.6	7.2	7.3	8.7	8.4	8.5	8.2	7.7	7.8	8.3	7.8	8.0
19	7.9	7.5	7.6	8.7	8.4	8.5	8.4	7.7	7.9	8.7	7.8	8.2
20	7.6	7.3	7.5	8.6	8.3	8.4	8.4	7.8	7.9	8.7	8.0	8.4
21	7.8	7.3	7.6	8.5	8.3	8.4	8.7	7.8	8.0	8.8	7.9	8.3
22	7.8	7.5	7.6	8.5	8.0	8.2	8.7	7.7	8.2	9.2	8.1	8.4
23	---	---	---	8.6	8.0	8.2	8.8	7.6	8.0	8.9	8.3	8.5
24	---	---	---	8.4	7.8	8.1	8.4	7.6	7.9	8.7	8.1	8.3
25	---	---	---	8.6	8.0	8.3	8.5	7.5	7.8	8.9	8.1	8.2
26	8.0	7.7	7.8	8.6	8.1	8.3	8.1	7.4	7.7	8.6	7.9	8.2
27	8.0	7.6	7.7	8.3	8.0	8.1	8.2	7.4	7.7	8.6	7.9	8.2
28	7.9	7.6	7.8	8.7	7.6	8.0	8.5	7.3	7.9	8.5	7.9	8.2
29	---	---	---	---	---	---	8.7	7.6	8.1	9.0	7.8	8.2
30	---	---	---	---	---	---	9.0	7.6	8.2	9.2	8.0	8.6
31	---	---	---	8.5	7.9	8.1	---	---	---	9.2	7.6	8.4
Max	---	---	---	---	---	---	9.0	8.2	8.2	---	---	---
Min	---	---	---	---	---	---	7.7	7.3	7.7	---	---	---

02043430 UPPER CURRITUCK SOUND NEAR COROLLA, 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	9.1	8.2	8.7	9.1	7.9	8.6	---	---	---	---	---	---
2	8.9	8.3	8.5	9.2	8.6	8.9	---	---	---	---	---	---
3	8.6	8.0	8.3	9.1	8.7	8.9	---	---	---	---	---	---
4	8.6	8.1	8.4	9.2	8.4	8.9	---	---	---	---	---	---
5	8.6	8.0	8.3	8.9	8.4	8.8	---	---	---	---	---	---
6	8.7	7.9	8.4	8.8	8.4	8.6	---	---	---	---	---	---
7	9.0	8.1	8.5	8.9	8.4	8.7	---	---	---	---	---	---
8	8.6	8.3	8.5	9.1	8.2	8.7	---	---	---	---	---	---
9	8.9	8.0	8.3	9.0	8.3	8.6	---	---	---	---	---	---
10	9.2	8.2	8.6	9.1	8.4	8.7	---	---	---	---	---	---
11	9.2	8.6	9.0	9.0	8.4	8.6	---	---	---	---	---	---
12	9.2	8.6	8.9	8.9	8.1	8.6	---	---	---	---	---	---
13	9.4	8.7	9.1	8.9	8.4	8.6	---	---	---	---	---	---
14	9.4	8.8	9.2	8.9	8.0	8.6	---	---	---	---	---	---
15	9.2	8.4	8.9	9.2	7.9	8.8	---	---	---	---	---	---
16	9.0	8.6	8.8	9.1	8.5	8.8	---	---	---	---	---	---
17	9.0	8.2	8.7	9.0	8.6	8.8	---	---	---	---	---	---
18	8.9	8.2	8.8	9.0	8.4	8.7	---	---	---	---	---	---
19	8.8	8.1	8.6	9.0	8.5	8.8	---	---	---	---	---	---
20	8.7	8.0	8.4	---	---	---	---	---	---	---	---	---
21	8.6	7.7	8.2	---	---	---	---	---	---	---	---	---
22	8.9	8.2	8.6	---	---	---	---	---	---	---	---	---
23	9.4	8.7	8.9	---	---	---	---	---	---	---	---	---
24	9.0	8.3	8.8	9.7	8.7	9.2	---	---	---	---	---	---
25	9.2	8.7	8.9	9.4	8.7	9.2	---	---	---	---	---	---
26	8.9	8.5	8.8	9.4	8.6	9.2	---	---	---	---	---	---
27	8.9	8.2	8.6	9.2	8.9	9.1	---	---	---	---	---	---
28	8.9	8.1	8.5	9.3	8.5	8.9	---	---	---	---	---	---
29	8.6	8.1	8.5	9.4	8.7	9.0	---	---	---	---	---	---
30	8.8	8.1	8.5	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Max	9.4	8.8	9.2	---	---	---	---	---	---	---	---	---
Min	8.6	7.7	8.2	---	---	---	---	---	---	---	---	---

02043430 UPPER CURRITUCK SOUND NEAR COROLLA, 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	---	---	---	---	---	---	---	---	---	---	---	---

02043430 UPPER CURRITUCK SOUND NEAR COROLLA, 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	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	24.5	16.4	19.6
5	---	---	---	---	---	---	---	---	---	22.0	17.1	19.5
6	---	---	---	---	---	---	---	---	---	24.5	19.7	21.7
7	---	---	---	---	---	---	---	---	---	22.7	17.1	19.6
8	---	---	---	---	---	---	---	---	---	18.0	15.3	16.6
9	---	---	---	---	---	---	---	---	---	19.8	15.0	17.3
10	---	---	---	---	---	---	---	---	---	21.6	15.1	18.3
11	---	---	---	---	---	---	---	---	---	21.6	18.3	19.8
12	---	---	---	---	---	---	---	---	---	23.6	19.3	20.9
13	---	---	---	---	---	---	20.7	15.8	17.9	23.0	18.8	20.7
14	---	---	---	---	---	---	20.5	17.3	18.8	20.8	18.8	20.0
15	---	---	---	---	---	---	23.7	18.3	20.8	20.5	17.6	19.1
16	---	---	---	---	---	---	22.0	19.0	20.8	21.9	18.7	20.2
17	---	---	---	---	---	---	19.0	14.6	16.5	23.1	18.8	20.8
18	---	---	---	---	---	---	18.5	12.8	15.6	22.9	19.5	21.2
19	---	---	---	---	---	---	21.8	14.4	17.7	21.5	19.0	20.5
20	---	---	---	---	---	---	21.2	16.8	19.3	23.1	18.9	20.9
21	---	---	---	---	---	---	19.9	17.3	18.7	25.3	20.0	22.4
22	---	---	---	---	---	---	21.9	17.9	19.6	23.7	20.8	22.3
23	---	---	---	---	---	---	23.8	19.0	20.8	22.4	19.4	20.9
24	---	---	---	---	---	---	23.4	19.7	21.5	24.4	18.3	21.1
25	---	---	---	---	---	---	24.8	20.2	22.4	25.7	20.5	22.8
26	---	---	---	---	---	---	22.9	17.2	20.0	26.7	22.8	24.3
27	---	---	---	---	---	---	17.9	15.2	16.6	26.1	22.6	24.3
28	---	---	---	---	---	---	---	---	---	27.0	24.0	25.4
29	---	---	---	---	---	---	---	---	---	27.5	23.7	25.1
30	---	---	---	---	---	---	---	---	---	29.4	23.1	25.5
31	---	---	---	---	---	---	---	---	---	30.7	24.1	26.6
Month	---	---	---	---	---	---	---	---	---	---	---	---

02043430 UPPER CURRITUCK SOUND NEAR COROLLA, 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	29.7	24.7	27.0	29.4	25.4	27.0	34.1	29.5	31.6	24.4	23.2	24.0
2	29.3	24.7	26.6	31.0	26.3	28.4	34.8	30.0	32.1	24.0	21.8	22.9
3	26.3	23.5	24.7	31.0	26.4	28.4	34.4	29.8	32.0	25.6	23.3	24.0
4	27.7	22.3	24.7	28.8	26.6	27.6	34.9	30.5	32.1	27.4	23.7	25.5
5	25.4	21.9	23.6	29.9	25.9	27.7	32.4	28.9	30.6	27.8	25.2	26.3
6	24.1	21.8	22.7	27.5	25.0	26.5	33.2	27.0	30.1	26.2	24.2	25.0
7	27.6	20.6	23.8	26.4	23.2	24.6	32.2	28.0	30.0	26.7	23.2	24.9
8	26.6	22.3	24.2	27.4	22.6	24.6	30.5	28.1	29.0	25.6	23.9	24.7
9	27.4	22.5	24.9	29.8	23.4	25.8	32.3	26.4	29.1	27.1	23.0	25.0
10	26.3	23.0	24.7	30.0	24.3	26.9	29.2	27.2	28.2	27.3	24.2	25.5
11	26.0	22.8	24.4	31.7	26.0	28.3	27.3	24.2	26.4	24.8	20.4	23.2
12	23.8	22.2	23.0	30.9	26.6	28.7	26.1	22.0	23.9	23.6	18.9	20.9
13	26.8	21.4	24.1	30.6	26.9	28.4	28.7	22.5	25.3	22.7	19.6	21.3
14	24.5	21.6	22.9	29.4	25.9	27.4	28.5	24.2	26.0	22.8	21.6	22.2
15	25.4	20.6	22.8	31.1	26.8	28.7	28.6	24.0	26.0	23.4	22.1	22.6
16	27.2	22.2	24.7	31.0	27.3	29.1	28.6	25.1	26.5	23.1	21.5	22.3
17	28.6	23.5	25.4	33.4	27.1	30.1	28.7	25.9	26.7	24.4	21.1	22.7
18	28.2	23.1	25.4	33.7	28.1	30.7	29.9	25.1	27.2	25.9	22.3	24.1
19	27.6	23.5	25.4	31.2	28.4	29.8	31.2	25.9	28.5	25.4	23.4	24.6
20	29.2	24.2	26.5	33.0	26.4	29.3	30.3	26.7	28.5	25.1	22.6	24.1
21	29.0	26.2	27.6	31.3	26.9	29.1	29.1	27.0	27.9	23.1	20.4	21.7
22	30.5	25.6	27.9	29.1	27.2	28.1	28.9	26.2	27.6	22.8	18.7	20.7
23	30.6	26.2	28.1	28.0	26.1	26.8	30.3	25.9	27.9	24.0	21.0	22.5
24	28.0	26.2	27.1	29.6	25.6	27.3	30.2	26.3	28.2	25.7	22.6	24.0
25	29.1	25.2	26.9	27.6	26.2	26.9	30.9	26.4	28.6	24.8	23.4	24.1
26	27.6	25.3	26.4	31.4	26.2	28.6	31.1	26.5	28.6	25.1	21.6	23.2
27	25.9	24.2	25.0	32.1	28.3	29.9	31.4	27.3	29.0	24.9	20.3	22.5
28	27.4	24.8	25.9	32.0	27.4	29.4	31.5	27.1	29.1	25.2	21.4	22.7
29	27.7	26.0	26.7	30.4	26.9	28.6	31.1	27.7	29.4	23.5	20.2	22.0
30	28.7	24.8	26.5	31.5	27.1	29.3	30.6	26.8	28.4	23.9	20.2	22.0
31	---	---	---	33.8	28.7	31.0	26.8	24.2	25.5	---	---	---
Month	30.6	20.6	25.3	33.8	22.6	28.2	34.9	22.0	28.4	27.8	18.7	23.4

02043430 UPPER CURRITUCK SOUND NEAR COROLLA, 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	23.4	20.5	21.7	18.8	15.2	17.0	16.9	15.0	16.0	13.6	12.0	12.8
2	24.5	20.2	22.4	17.9	13.9	16.3	16.5	14.0	15.6	13.4	10.6	12.0
3	24.4	20.5	22.4	13.9	8.9	11.2	14.2	12.3	13.1	12.1	9.6	10.8
4	24.6	20.7	22.6	11.1	7.8	8.8	13.0	8.6	11.0	13.6	10.7	12.0
5	24.1	21.4	22.4	12.6	7.6	9.5	9.0	6.7	7.7	14.4	12.7	13.7
6	21.6	20.4	20.9	13.4	8.6	10.8	9.4	6.5	7.9	16.2	14.2	15.1
7	23.0	20.3	21.4	15.5	11.0	13.1	11.2	8.2	9.6	15.8	14.2	14.8
8	21.3	19.5	20.7	18.2	15.4	16.6	8.2	1.7	4.5	15.9	12.9	15.1
9	20.6	19.2	19.7	17.6	16.0	16.9	4.7	0.1	2.4	12.9	9.3	11.0
10	21.9	19.3	20.4	18.2	15.7	16.9	6.0	2.7	4.2	9.3	6.0	7.4
11	22.6	20.0	21.2	18.9	16.4	17.5	6.9	4.2	5.4	8.8	5.0	6.8
12	22.4	20.5	21.5	17.5	15.4	16.6	10.6	5.0	7.0	10.0	6.5	8.1
13	21.2	17.7	19.3	15.4	13.7	14.2	10.8	7.2	8.9	11.9	8.8	10.3
14	18.2	15.7	16.9	16.4	13.4	14.8	12.4	9.1	10.8	13.7	10.3	11.9
15	17.9	14.3	16.0	17.2	15.1	16.0	12.5	10.1	11.2	14.4	11.8	13.1
16	18.2	15.6	17.0	17.9	16.0	17.0	11.9	10.1	10.9	13.6	10.2	12.7
17	18.5	16.7	17.5	16.8	14.6	15.6	12.3	9.3	10.6	---	---	---
18	20.0	18.0	18.9	14.8	12.5	13.8	12.8	10.0	11.4	---	---	---
19	21.5	18.8	20.1	13.6	11.4	12.2	12.1	10.2	11.3	9.4	6.1	7.4
20	22.2	19.6	20.9	11.9	10.1	11.1	11.0	8.2	9.4	6.9	3.7	5.5
21	19.6	16.8	18.4	---	---	---	10.3	7.8	9.1	4.7	3.1	4.0
22	16.8	15.6	16.3	---	---	---	11.9	10.0	10.8	5.7	4.7	5.3
23	17.1	14.2	16.0	13.7	11.2	12.5	12.9	11.7	12.3	6.4	4.8	5.6
24	14.2	9.7	11.8	11.9	10.7	11.2	12.8	11.0	11.7	7.1	4.0	5.3
25	11.7	8.3	9.7	12.9	10.3	11.3	13.0	10.2	11.4	6.6	4.7	5.3
26	13.4	8.2	10.7	13.5	10.8	12.0	13.0	11.2	12.5	4.9	1.6	3.4
27	13.1	11.7	12.3	13.5	11.5	12.5	11.9	9.6	11.0	6.0	2.6	4.3
28	16.5	13.1	14.7	14.6	12.4	13.4	10.7	8.4	9.6	6.7	5.0	5.7
29	14.2	11.7	13.1	15.2	13.5	14.3	11.7	9.2	10.1	5.7	2.2	3.8
30	15.8	12.3	14.0	16.4	14.3	15.2	12.5	8.9	10.7	4.4	1.4	2.9
31	16.8	13.7	15.3	---	---	---	12.9	10.7	11.7	4.0	1.5	2.9
Month	24.6	8.2	17.9	---	---	---	16.9	0.1	10.0	---	---	---

02043430 UPPER CURRITUCK SOUND NEAR COROLLA, 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	3.9	2.0	2.7	11.5	7.4	9.6	20.2	15.1	17.3	24.7	20.2	22.2
2	5.6	3.1	4.5	13.5	10.6	12.2	22.9	16.9	19.6	24.8	19.8	22.2
3	6.7	4.4	5.3	13.6	11.7	12.5	23.0	19.1	20.9	22.0	17.2	19.3
4	5.8	3.4	4.6	12.5	9.8	11.3	21.8	17.2	19.5	17.2	15.0	16.2
5	4.9	1.8	3.3	10.7	7.3	9.1	20.0	16.4	18.0	20.1	14.6	16.9
6	2.1	0.0	1.1	9.0	4.9	6.9	17.4	12.6	15.1	---	---	---
7	3.0	0.8	1.7	9.0	3.2	5.8	13.8	8.0	10.8	---	---	---
8	4.3	1.2	2.0	8.8	4.6	6.3	13.2	5.5	9.3	---	---	---
9	4.6	0.1	1.8	11.0	4.4	6.9	13.9	8.1	10.9	---	---	---
10	6.7	1.6	3.2	14.0	6.2	9.9	15.5	8.0	11.7	24.9	17.8	21.3
11	7.4	1.2	4.2	14.1	10.0	11.5	13.6	9.5	11.6	26.8	20.9	23.6
12	9.8	2.4	5.5	14.7	9.4	11.6	17.6	12.1	14.6	26.5	22.5	24.1
13	7.9	6.5	6.9	14.0	10.2	12.1	18.9	13.5	16.0	23.3	17.1	20.4
14	10.3	5.8	8.4	16.2	11.9	13.9	16.0	13.5	14.6	22.5	15.9	19.2
15	6.1	2.4	3.9	17.6	13.4	15.4	16.4	13.6	15.0	22.6	17.2	19.7
16	6.1	0.6	2.8	16.2	12.8	14.8	15.4	10.9	12.6	23.1	18.4	20.6
17	5.2	0.0	2.6	12.8	7.1	9.5	12.3	9.6	10.9	20.9	18.6	20.1
18	5.1	2.9	4.0	8.8	5.0	6.7	13.8	10.0	11.6	18.6	14.8	16.6
19	8.4	0.0	3.3	11.5	4.6	7.7	14.9	10.4	12.2	22.4	14.2	17.6
20	7.3	2.1	4.7	14.6	8.3	10.7	17.4	11.0	13.8	21.5	16.5	19.1
21	7.9	5.5	6.7	10.7	9.6	10.1	19.8	11.6	15.7	22.9	18.8	20.7
22	11.6	7.0	8.8	16.0	9.4	12.4	21.9	14.8	17.5	23.1	18.5	20.6
23	---	---	---	18.7	12.3	15.1	20.7	15.9	18.1	23.4	18.6	20.8
24	---	---	---	18.7	15.4	16.7	21.8	16.6	19.0	24.4	19.2	21.8
25	---	---	---	17.8	13.4	15.6	23.7	19.2	21.2	26.1	20.3	22.9
26	11.4	7.8	8.8	18.0	11.6	14.3	21.7	18.9	20.3	26.6	20.5	23.3
27	13.9	7.2	9.7	20.8	14.2	17.2	22.6	18.6	20.4	27.5	21.7	24.2
28	11.1	8.2	9.5	19.5	16.1	18.4	22.4	20.4	21.2	28.0	22.1	24.8
29	---	---	---	---	---	---	23.4	18.8	21.2	26.9	23.3	25.2
30	---	---	---	---	---	---	24.1	19.4	21.7	29.3	21.6	24.9
31	---	---	---	18.6	11.5	14.9	---	---	---	28.0	22.2	24.8
Month	---	---	---	---	---	---	24.1	5.5	16.1	---	---	---

02043430 UPPER CURRITUCK SOUND NEAR COROLLA, 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	27.3	22.1	24.5	28.3	24.7	27.1	---	---	---	---	---	---
2	27.2	23.0	24.6	29.1	22.5	25.4	---	---	---	---	---	---
3	24.7	22.1	23.5	28.7	23.3	25.5	---	---	---	---	---	---
4	26.0	22.5	24.1	27.5	23.0	24.8	---	---	---	---	---	---
5	26.8	23.7	25.4	27.7	23.4	25.4	---	---	---	---	---	---
6	27.6	24.2	25.9	28.8	24.6	26.6	---	---	---	---	---	---
7	27.8	22.8	25.4	32.0	26.4	28.4	---	---	---	---	---	---
8	30.1	24.8	27.1	32.1	26.6	28.9	---	---	---	---	---	---
9	28.4	26.9	27.7	31.9	27.2	29.4	---	---	---	---	---	---
10	26.9	23.6	25.7	32.4	27.8	29.7	---	---	---	---	---	---
11	28.2	22.5	25.3	30.8	27.6	29.1	---	---	---	---	---	---
12	28.8	23.3	26.0	30.1	26.9	28.5	---	---	---	---	---	---
13	27.1	23.0	24.8	29.1	26.5	27.7	---	---	---	---	---	---
14	23.0	18.6	21.1	30.6	26.1	28.1	---	---	---	---	---	---
15	21.0	17.6	19.4	30.3	26.5	28.3	---	---	---	---	---	---
16	26.0	18.8	21.8	29.8	26.8	28.3	---	---	---	---	---	---
17	27.5	21.3	23.9	30.4	26.8	28.4	---	---	---	---	---	---
18	29.8	24.0	26.4	30.2	26.2	28.1	---	---	---	---	---	---
19	30.4	25.7	27.6	32.2	27.5	29.6	---	---	---	---	---	---
20	27.4	25.8	26.3	---	---	---	---	---	---	---	---	---
21	28.7	24.6	26.5	---	---	---	---	---	---	---	---	---
22	28.0	24.0	26.0	---	---	---	---	---	---	---	---	---
23	28.1	24.1	25.9	---	---	---	---	---	---	---	---	---
24	29.1	24.0	26.2	29.9	24.4	27.0	---	---	---	---	---	---
25	27.9	24.6	26.1	30.6	26.5	28.3	---	---	---	---	---	---
26	30.2	25.3	27.4	31.5	26.4	28.9	---	---	---	---	---	---
27	30.2	26.0	27.8	32.7	27.4	29.4	---	---	---	---	---	---
28	30.2	25.6	27.7	31.2	26.1	28.3	---	---	---	---	---	---
29	29.7	26.0	27.5	31.8	27.2	29.1	---	---	---	---	---	---
30	29.4	25.8	27.4	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	30.4	17.6	25.5	---	---	---	---	---	---	---	---	---

02043430 UPPER CURRITUCK SOUND NEAR COROLLA, 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	---	---	---	---	---	---	---	---	---	---	---	---

02043430 UPPER CURRITUCK SOUND NEAR COROLLA, 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	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	11.3	9.6	10.5
5	---	---	---	---	---	---	---	---	---	11.1	9.4	10.1
6	---	---	---	---	---	---	---	---	---	10.7	9.0	9.9
7	---	---	---	---	---	---	---	---	---	10.8	9.2	10
8	---	---	---	---	---	---	---	---	---	11.3	9.7	10.6
9	---	---	---	---	---	---	---	---	---	11.4	10.0	10.7
10	---	---	---	---	---	---	---	---	---	11.4	9.9	10.6
11	---	---	---	---	---	---	---	---	---	10.2	8.8	9.7
12	---	---	---	---	---	---	---	---	---	10.6	8.9	9.6
13	---	---	---	---	---	---	9.6	8.8	9.3	10.4	9.1	9.6
14	---	---	---	---	---	---	9.9	8.6	9.3	9.5	8.7	9.0
15	---	---	---	---	---	---	9.8	8.3	9.0	10.5	8.8	9.7
16	---	---	---	---	---	---	10.0	7.6	9.0	10.0	9.1	9.6
17	---	---	---	---	---	---	10.0	8.5	9.3	10.1	8.7	9.4
18	---	---	---	---	---	---	11.0	9.3	10.1	9.6	8.7	9.1
19	---	---	---	---	---	---	10.9	9.5	10.3	9.9	8.6	9.3
20	---	---	---	---	---	---	10.9	9.5	10.1	9.7	8.8	9.3
21	---	---	---	---	---	---	10.9	9.2	9.9	10.4	8.6	9.5
22	---	---	---	---	---	---	10.2	9.0	9.5	10.4	8.4	9.6
23	---	---	---	---	---	---	11.0	8.9	9.6	11.0	9.0	9.9
24	---	---	---	---	---	---	10.6	8.9	9.6	10.8	9.4	10.1
25	---	---	---	---	---	---	10.6	8.6	9.6	10.1	8.9	9.4
26	---	---	---	---	---	---	11.2	8.8	9.9	9.4	8.6	8.9
27	---	---	---	---	---	---	11.8	9.5	10.6	10.7	8.5	9.5
28	---	---	---	---	---	---	---	---	---	10.8	9.2	9.9
29	---	---	---	---	---	---	---	---	---	10.6	9.0	9.9
30	---	---	---	---	---	---	---	---	---	10.7	8.5	9.5
31	---	---	---	---	---	---	---	---	---	10.0	8.2	9.1
Month	---	---	---	---	---	---	---	---	---	---	---	---

02043430 UPPER CURRITUCK SOUND NEAR COROLLA, 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	9.9	8.3	9.0	10.4	6.8	8.3	---	---	---	8.4	7.8	8.0
2	9.5	8.3	8.9	8.4	6.6	7.7	---	---	---	9.9	7.8	8.8
3	9.6	8.3	9.0	9.3	6.6	7.5	---	---	---	11.1	7.9	9.7
4	10.8	8.4	9.5	8.4	6.5	7.4	8.9	5.9	7.1	10.6	8.2	9.6
5	10.7	9.0	9.7	8.0	6.4	7.3	8.5	5.6	7.1	9.3	7.7	8.6
6	11.2	9.3	10.3	8.3	6.5	7.5	8.9	5.8	7.5	9.7	6.8	8.2
7	10.4	8.6	9.8	9.7	7.0	8.3	8.8	6.2	7.5	10.4	7.1	9.0
8	10.8	8.6	9.5	9.5	8.1	8.9	8.6	6.5	7.3	10.8	7.9	9.3
9	11.6	8.2	9.7	10.1	6.8	8.4	9.3	5.6	7.4	11.3	8.7	9.9
10	11.2	9.0	10.1	8.9	6.9	8.0	8.8	5.9	7.6	10.0	8.3	9.2
11	10.8	8.4	9.7	9.2	7.0	7.9	9.2	6.4	7.8	9.6	8.2	8.9
12	10.3	8.2	9.2	8.4	7.0	7.7	9.7	7.8	8.8	10.2	9.0	9.6
13	10.6	8.5	9.5	8.2	6.9	7.5	10.2	7.5	9.0	10.4	8.6	9.4
14	9.1	8.0	8.5	8.7	6.8	7.6	10.0	7.3	8.8	9.8	8.5	9.1
15	10.2	8.1	9.2	---	---	---	9.2	7.4	8.4	10.1	8.0	9.0
16	9.9	8.8	9.4	---	---	---	8.9	6.8	7.9	10.0	8.5	9.2
17	9.5	7.8	8.6	---	---	---	8.6	7.4	7.9	10.0	8.1	9.1
18	9.2	7.8	8.4	---	---	---	8.9	6.4	7.7	10.5	7.9	9.1
19	8.9	7.7	8.2	---	---	---	9.5	6.4	7.7	9.1	7.5	8.5
20	9.3	7.6	8.3	---	---	---	8.5	6.8	7.6	9.4	7.0	8.3
21	9.4	7.3	8.1	---	---	---	8.9	6.4	7.6	9.7	8.1	8.9
22	9.0	7.0	8.0	8.2	7.0	7.6	9.2	6.4	7.8	9.9	8.2	9.0
23	8.6	7.3	7.9	9.0	7.1	7.8	9.6	6.6	8.1	9.2	8.0	8.7
24	8.7	6.8	7.7	9.5	6.5	8.1	9.2	6.2	7.8	9.0	7.7	8.3
25	8.6	7.3	8.0	9.6	7.5	8.5	9.4	5.7	7.5	9.6	7.2	8.2
26	8.4	7.2	7.9	9.3	7.4	8.5	9.2	6.6	7.7	9.4	7.2	8.4
27	8.5	7.2	7.9	9.1	6.7	7.9	8.4	6.2	7.3	9.8	7.5	8.6
28	9.5	7.4	8.2	---	---	---	8.3	6.1	7.3	9.3	7.0	8.3
29	9.5	7.3	8.0	---	---	---	8.5	6.4	7.6	9.5	7.2	8.5
30	9.5	6.5	8.0	---	---	---	8.8	6.5	7.4	9.6	7.2	8.4
31	---	---	---	---	---	---	8.2	5.9	7.3	---	---	---
Month	11.6	6.5	8.8	---	---	---	---	---	---	11.3	6.8	8.9

02043430 UPPER CURRITUCK SOUND NEAR COROLLA, 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	9.8	7.9	8.7	10.0	8.7	9.4	10.3	9.5	9.8	11.3	10.5	10.9
2	9.8	7.6	8.7	9.9	8.4	9.1	10.3	9.2	9.8	11.5	10.3	11.0
3	9.5	7.2	8.4	11.2	9.1	10.6	10.8	9.9	10.3	11.5	10.7	11.1
4	9.1	7.8	8.4	11.4	10.9	11.2	11.6	10.2	11.0	11.7	11.1	11.3
5	8.7	7.5	8.1	11.3	10.7	11.0	12.4	11.2	11.8	11.4	10.4	11.0
6	9.0	7.2	8.0	10.7	10.2	10.5	12.5	11.4	11.9	10.9	10.0	10.5
7	9.7	7.6	8.6	10.6	9.5	10	12.2	11.6	11.9	10.4	9.6	10.0
8	9.2	8.1	8.6	10.3	9.2	9.6	14.5	12.0	13.6	10.4	9.9	10.2
9	9.1	8.2	8.7	9.9	8.9	9.4	15.1	14.1	14.6	11.6	10.2	11.1
10	9.5	8.0	8.6	10.4	8.5	9.5	14.3	13.7	14.0	13.1	11.6	12.5
11	9.5	7.5	8.5	10.1	8.9	9.5	13.7	12.9	13.4	13.4	12.7	12.9
12	9.4	7.9	8.5	9.3	8.7	9.0	13.3	12.2	12.7	13.2	12.5	12.9
13	9.2	7.7	8.4	10.3	9.3	9.8	12.3	11.6	11.9	12.9	12.2	12.5
14	9.7	8.3	9.1	10.4	9.5	9.9	11.8	11.3	11.5	12.2	11.5	11.9
15	9.8	8.8	9.2	10.1	9.2	9.7	12.1	11.5	11.8	11.7	10.7	11.2
16	9.8	8.0	8.9	9.7	8.9	9.3	12.0	10.7	11.1	11.3	10.4	10.7
17	9.6	8.3	8.8	10.2	9.0	9.6	12.1	10.3	11.2	---	---	---
18	9.7	8.1	8.9	10.7	9.0	10.0	11.9	10.8	11.4	---	---	---
19	9.6	7.5	8.5	10.6	9.9	10.3	11.4	10.5	10.9	13.2	12.2	12.7
20	9.3	8.0	8.6	11.2	10.2	10.7	11.5	11.0	11.3	13.8	12.4	13.2
21	9.5	7.8	8.7	---	---	---	11.1	10.7	10.9	13.9	13.6	13.8
22	9.4	7.9	8.6	---	---	---	11.5	10.9	11.1	13.7	13.2	13.4
23	10.2	8.7	9.5	10.5	9.6	10.2	11.3	10.6	10.9	13.3	13.0	13.2
24	11.4	10.0	10.9	11.0	10.4	10.6	11.4	10.3	10.8	13.3	13.0	13.2
25	11.7	11.3	11.6	10.9	10.3	10.6	11.3	10.5	10.9	13.5	12.9	13.2
26	11.8	10.5	11.3	10.7	10.2	10.5	11.0	10.3	10.7	14.6	13.4	14.2
27	11.3	10.2	10.8	10.8	9.8	10.2	11.6	10.6	11.1	14.4	13.4	14.1
28	10.8	9.9	10.4	10.9	10.1	10.5	11.5	10.9	11.2	13.5	12.9	13.3
29	11.0	9.9	10.5	10.3	9.7	10.0	11.4	10.5	11.0	14.3	12.9	13.9
30	10.6	9.9	10.3	10.6	9.6	10.1	11.3	10.3	10.8	14.7	14.0	14.4
31	10.3	9.4	9.8	---	---	---	11.1	10.5	10.8	14.7	14.0	14.5
Month	11.8	7.2	9.2	---	---	---	15.1	9.2	11.5	---	---	---

02043430 UPPER CURRITUCK SOUND NEAR COROLLA, 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	14.7	14.0	14.4	11.8	11.1	11.4	10.1	8.9	9.5	10.0	7.9	9.0
2	14.1	13.5	13.8	11.3	10.4	10.9	10.3	9.2	9.5	9.3	8.4	9.0
3	13.8	13.3	13.5	10.8	10.1	10.5	9.4	8.5	9.0	10.0	8.3	9.1
4	13.9	13.5	13.7	11.1	10.3	10.7	9.5	8.2	8.9	10.9	9.4	10.1
5	14.6	13.3	14.0	12.0	11.0	11.5	9.9	8.7	9.3	11.6	10.2	10.6
6	15.6	14.6	15.1	13.0	11.3	12.4	10.9	9.6	10.3	---	---	---
7	15.3	14.6	14.9	13.5	12.3	12.8	11.9	10.1	11.1	---	---	---
8	14.8	14.1	14.5	13.4	12.2	12.9	12.7	11.4	12.0	---	---	---
9	14.8	14.0	14.5	13.1	12.3	12.7	11.9	11.1	11.5	---	---	---
10	14.5	13.6	14.2	12.5	11.2	11.8	11.5	10.6	11.2	10.6	7.5	9.6
11	14.5	12.4	14.0	11.2	10.8	11.1	11.7	10.5	11.2	9.8	8.0	8.9
12	14.2	12.5	13.6	11.2	10.5	10.8	10.9	9.8	10.6	10.3	7.8	8.8
13	13.3	12.2	12.8	11.7	10.0	10.8	10.5	9.3	10.0	10.2	8.2	9.4
14	12.5	11.3	11.9	11.5	10.2	10.9	10.6	9.0	9.8	10.7	9.3	9.9
15	14.2	12.4	13.6	10.8	9.5	10.3	10.1	9.4	9.8	10.5	9.4	9.8
16	14.5	13.6	14.1	10.4	9.1	9.7	10.9	9.5	10.3	10.0	9.2	9.6
17	14.8	13.4	14.2	11.8	9.9	11.1	11.7	10.8	11.3	9.6	8.8	9.1
18	13.9	13.2	13.6	12.6	11.7	12.3	11.7	10.8	11.2	11.2	9.5	10.4
19	15.7	13.9	14.8	12.5	11.6	12.1	11.8	10.8	11.3	11.6	10.3	10.9
20	15.1	13.8	14.5	12.0	11.4	11.7	11.6	10.8	11.1	11.0	10.0	10.6
21	14.0	11.9	13.0	11.7	11.1	11.4	11.7	10.7	11.2	10.4	9.4	9.9
22	11.9	10.9	11.6	11.4	10.4	10.9	10.9	10.4	10.7	10.3	8.9	9.7
23	---	---	---	11.1	10.0	10.6	10.6	9.5	10.1	10.2	8.9	9.6
24	---	---	---	10.1	9.3	9.8	10.3	9.5	9.8	10.3	8.9	9.5
25	---	---	---	10.3	9.2	9.7	9.6	8.3	9.1	9.7	8.6	9.2
26	12.0	11.6	11.8	10.9	9.8	10.3	9.3	8.1	8.7	9.7	8.7	9.2
27	12.0	11.0	11.7	10.6	9.8	10.1	9.5	8.4	8.9	9.7	8.6	9.1
28	11.9	11.0	11.5	10.1	9.2	9.7	9.6	8.0	8.8	9.7	8.6	9.1
29	---	---	---	---	---	---	10.3	8.5	9.3	9.4	8.0	8.8
30	---	---	---	---	---	---	9.8	8.6	9.2	9.4	7.6	8.6
31	---	---	---	11.0	9.2	10.3	---	---	---	9.3	7.4	8.5
Month	---	---	---	---	---	---	12.7	8.0	10.2	---	---	---

02043430 UPPER CURRITUCK SOUND NEAR COROLLA, 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	9.6	8.2	8.9	10.4	7.4	9.1	---	---	---	---	---	---
2	9.6	8.4	9.0	10.3	7.7	9.2	---	---	---	---	---	---
3	9.8	8.2	9.0	10.3	6.9	8.7	---	---	---	---	---	---
4	9.9	8.8	9.3	10.2	7.9	9.1	---	---	---	---	---	---
5	9.8	8.5	9.1	9.8	8.3	9.0	---	---	---	---	---	---
6	10.5	8.2	9.4	9.9	8.2	9.0	---	---	---	---	---	---
7	10.7	8.8	9.6	10.4	7.3	8.5	---	---	---	---	---	---
8	---	---	---	9.8	6.2	8.1	---	---	---	---	---	---
9	---	---	---	8.7	6.4	7.6	---	---	---	---	---	---
10	---	---	---	8.6	6.0	7.2	---	---	---	---	---	---
11	---	---	---	8.5	6.0	7.3	---	---	---	---	---	---
12	---	---	---	9.8	6.4	7.9	---	---	---	---	---	---
13	9.5	8.2	8.9	9.0	6.5	7.7	---	---	---	---	---	---
14	10.1	8.5	9.4	10.0	5.9	7.9	---	---	---	---	---	---
15	10.9	9.4	10.1	9.5	6.3	8.0	---	---	---	---	---	---
16	10.5	9.2	9.8	9.2	6.5	7.9	---	---	---	---	---	---
17	11.4	8.6	9.6	9.9	6.8	8.1	---	---	---	---	---	---
18	10.4	8.2	9.2	9.7	6.6	8.1	---	---	---	---	---	---
19	10.1	7.7	8.8	9.2	6.7	8.0	---	---	---	---	---	---
20	9.4	7.9	8.6	---	---	---	---	---	---	---	---	---
21	10.8	7.6	9.2	---	---	---	---	---	---	---	---	---
22	10.8	8.6	9.7	---	---	---	---	---	---	---	---	---
23	11.8	9.1	10.1	---	---	---	---	---	---	---	---	---
24	10.3	7.9	9.1	12.2	5.4	8.6	---	---	---	---	---	---
25	10.6	8.0	9.2	9.9	5.1	8.1	---	---	---	---	---	---
26	10.3	7.8	9.0	10.2	5.4	8.1	---	---	---	---	---	---
27	9.9	7.9	8.8	9.3	5.5	7.4	---	---	---	---	---	---
28	10.0	8.0	8.8	9.6	6.1	7.8	---	---	---	---	---	---
29	10.0	7.8	8.7	9.3	5.2	7.3	---	---	---	---	---	---
30	10.4	7.1	8.8	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

02043430 UPPER CURRITUCK SOUND NEAR COROLLA, 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	---	---	---	---	---	---	---	---	---	---	---	---

02043430 UPPER CURRITUCK SOUND NEAR COROLLA, 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	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	129	104	116
5	---	---	---	---	---	---	---	---	---	127	104	112
6	---	---	---	---	---	---	---	---	---	130	101	114
7	---	---	---	---	---	---	---	---	---	120	102	111
8	---	---	---	---	---	---	---	---	---	120	102	110
9	---	---	---	---	---	---	---	---	---	127	101	113
10	---	---	---	---	---	---	---	---	---	128	105	115
11	---	---	---	---	---	---	---	---	---	117	101	108
12	---	---	---	---	---	---	---	---	---	126	99	110
13	---	---	---	---	---	---	109	92	99	121	100	109
14	---	---	---	---	---	---	112	91	101	108	95	101
15	---	---	---	---	---	---	118	90	103	118	96	107
16	---	---	---	---	---	---	114	87	103	115	100	108
17	---	---	---	---	---	---	102	90	97	120	96	108
18	---	---	---	---	---	---	116	90	103	113	97	105
19	---	---	---	---	---	---	122	96	110	114	98	105
20	---	---	---	---	---	---	124	100	112	115	98	106
21	---	---	---	---	---	---	122	98	107	128	98	112
22	---	---	---	---	---	---	119	98	106	125	98	113
23	---	---	---	---	---	---	127	98	110	128	100	114
24	---	---	---	---	---	---	126	100	111	131	103	116
25	---	---	---	---	---	---	130	97	112	125	102	112
26	---	---	---	---	---	---	125	100	111	119	103	109
27	---	---	---	---	---	---	124	99	111	136	102	117
28	---	---	---	---	---	---	---	---	---	138	112	124
29	---	---	---	---	---	---	---	---	---	137	109	122
30	---	---	---	---	---	---	---	---	---	140	102	120
31	---	---	---	---	---	---	---	---	---	137	100	117
Month	---	---	---	---	---	---	---	---	---	---	---	---

02043430 UPPER CURRITUCK SOUND NEAR COROLLA, 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	133	103	116	136	85	108	---	---	---	102	93	97
2	126	104	114	116	84	101	---	---	---	120	91	104
3	118	105	112	126	89	100	---	---	---	136	94	118
4	140	99	119	110	84	97	131	82	100	137	99	120
5	133	106	118	109	81	95	119	76	97	121	97	109
6	137	109	122	106	83	96	127	75	103	120	84	101
7	133	106	119	120	85	102	124	81	102	132	85	111
8	138	103	116	122	99	109	117	85	97	135	96	114
9	150	98	121	129	82	106	131	71	99	145	103	122
10	141	108	124	117	84	103	116	77	99	128	101	115
11	136	100	119	126	88	105	118	81	99	115	97	106
12	123	97	110	116	90	102	122	92	106	122	100	110
13	135	99	116	112	90	99	132	89	112	123	95	108
14	111	95	101	117	88	99	131	90	111	115	99	106
15	127	92	109	---	---	---	122	90	106	121	94	106
16	126	103	116	---	---	---	117	84	100	119	98	108
17	121	94	108	---	---	---	111	93	101	121	93	107
18	120	93	105	---	---	---	120	79	99	130	93	110
19	113	93	103	---	---	---	129	81	102	113	93	103
20	122	93	107	---	---	---	115	87	100	114	84	101
21	123	93	105	---	---	---	118	82	99	114	92	103
22	122	88	104	109	92	100	121	81	101	117	89	102
23	116	93	104	118	91	100	130	83	105	111	95	102
24	114	86	100	128	82	106	124	79	102	112	92	100
25	114	91	103	125	95	109	129	73	99	118	86	99
26	110	92	100	129	94	112	126	84	102	116	83	101
27	107	89	98	127	88	108	116	81	97	120	84	101
28	120	92	104	---	---	---	115	78	97	112	80	98
29	123	92	103	---	---	---	117	83	101	113	82	99
30	126	80	102	---	---	---	120	84	98	116	81	98
31	---	---	---	---	---	---	102	74	90	---	---	---
Month	150	80	110	---	---	---	---	---	---	145	80	106

02043430 UPPER CURRITUCK SOUND NEAR COROLLA, 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	116	90	101	108	91	98	106	96	101	110	101	105
2	119	85	102	102	89	94	105	94	99	109	98	103
3	116	81	98	103	89	97	106	95	99	107	95	101
4	111	88	99	104	93	98	105	98	101	114	101	106
5	105	86	95	105	94	98	106	96	100	113	100	107
6	103	81	91	103	89	96	108	94	101	112	100	105
7	115	86	99	106	89	96	109	102	105	106	95	100
8	104	92	98	110	93	100	109	103	106	106	98	102
9	102	91	96	105	92	99	112	104	108	108	97	102
10	109	88	97	111	87	99	112	106	109	110	100	105
11	112	84	97	109	92	101	112	105	107	112	101	107
12	110	90	98	98	90	94	113	102	105	115	104	111
13	101	86	93	101	94	97	107	100	104	117	107	112
14	104	87	96	107	92	99	111	99	105	117	104	111
15	104	87	95	106	92	99	113	104	109	114	102	108
16	106	82	93	103	93	97	109	97	102	105	101	102
17	104	87	94	105	92	98	112	91	102	---	---	---
18	108	87	97	104	89	98	109	101	105	---	---	---
19	110	82	95	103	92	97	106	96	101	110	103	107
20	108	90	98	104	93	98	105	95	100	110	102	106
21	104	83	94	---	---	---	99	91	95	108	102	106
22	98	81	89	---	---	---	107	98	101	108	106	107
23	107	90	98	98	93	96	108	99	103	108	103	106
24	107	97	102	103	94	98	106	95	100	110	102	105
25	108	99	103	104	93	98	105	97	101	107	102	105
26	109	99	103	103	93	98	105	98	101	112	104	108
27	108	96	103	104	91	97	109	97	102	114	106	109
28	109	99	104	107	96	101	105	95	100	112	104	107
29	108	96	101	103	94	99	106	92	98	111	103	106
30	108	95	101	109	95	102	107	90	99	113	105	108
31	106	96	100	---	---	---	105	96	101	112	106	109
Month	119	81	98	---	---	---	113	90	102	---	---	---

02043430 UPPER CURRITUCK SOUND NEAR COROLLA, 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	109	106	107	109	93	101	112	90	100	115	86	101
2	111	105	108	107	99	102	119	96	105	107	92	100
3	111	104	108	105	94	99	110	93	102	102	89	95
4	112	105	107	104	94	98	108	87	99	107	93	99
5	110	103	106	107	96	101	109	90	100	117	95	105
6	112	104	107	109	98	103	114	95	103	---	---	---
7	110	105	108	112	97	103	105	96	101	---	---	---
8	110	103	106	113	100	105	114	99	106	---	---	---
9	110	101	106	114	101	106	114	98	106	---	---	---
10	114	104	107	114	98	105	114	97	104	117	75	101
11	116	103	108	108	98	103	109	98	104	112	84	97
12	117	104	109	106	96	100	114	100	105	117	84	97
13	110	104	106	115	90	102	109	95	102	102	85	95
14	105	100	102	118	98	106	108	88	97	113	86	98
15	111	100	105	112	98	104	102	95	98	106	89	98
16	111	102	105	105	90	96	101	95	98	104	93	97
17	112	100	106	102	94	98	109	98	103	94	87	90
18	108	100	104	109	96	102	113	98	104	101	89	95
19	120	104	112	111	95	102	114	98	106	117	90	102
20	118	109	113	115	101	106	121	99	108	110	92	101
21	115	99	108	105	99	102	129	101	114	119	89	105
22	108	97	101	115	94	104	125	105	113	120	96	109
23	---	---	---	119	97	107	119	99	108	121	97	109
24	---	---	---	109	94	101	119	100	107	124	97	110
25	---	---	---	106	92	98	114	95	104	121	96	109
26	109	98	102	116	92	102	104	89	97	122	98	109
27	114	96	104	119	96	106	107	93	99	124	99	110
28	108	97	101	111	95	104	109	87	98	125	100	112
29	---	---	---	---	---	---	119	92	104	118	96	108
30	---	---	---	---	---	---	114	94	104	122	88	106
31	---	---	---	117	91	103	---	---	---	120	86	105
Month	---	---	---	---	---	---	129	87	103	---	---	---

02043430 UPPER CURRITUCK SOUND NEAR COROLLA, 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	123	95	109	136	94	117	---	---	---	---	---	---
2	123	100	110	137	92	115	---	---	---	---	---	---
3	120	97	108	136	83	110	---	---	---	---	---	---
4	123	104	113	132	94	113	---	---	---	---	---	---
5	125	104	114	128	100	113	---	---	---	---	---	---
6	135	100	118	132	101	115	---	---	---	---	---	---
7	139	105	120	142	93	113	---	---	---	---	---	---
8	---	---	---	137	80	109	---	---	---	---	---	---
9	---	---	---	122	83	102	---	---	---	---	---	---
10	---	---	---	121	79	98	---	---	---	---	---	---
11	---	---	---	117	79	98	---	---	---	---	---	---
12	---	---	---	133	83	105	---	---	---	---	---	---
13	120	98	109	120	83	101	---	---	---	---	---	---
14	116	99	107	136	76	105	---	---	---	---	---	---
15	124	101	112	130	81	106	---	---	---	---	---	---
16	131	100	114	125	84	104	---	---	---	---	---	---
17	138	98	115	135	88	107	---	---	---	---	---	---
18	134	100	117	130	84	106	---	---	---	---	---	---
19	134	97	114	130	87	108	---	---	---	---	---	---
20	119	99	109	---	---	---	---	---	---	---	---	---
21	142	94	117	---	---	---	---	---	---	---	---	---
22	139	105	122	---	---	---	---	---	---	---	---	---
23	151	110	127	---	---	---	---	---	---	---	---	---
24	134	96	115	163	67	112	---	---	---	---	---	---
25	138	99	117	136	66	107	---	---	---	---	---	---
26	140	97	117	142	70	108	---	---	---	---	---	---
27	134	100	115	130	72	100	---	---	---	---	---	---
28	136	102	115	130	78	103	---	---	---	---	---	---
29	135	99	113	130	67	98	---	---	---	---	---	---
30	139	90	114	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

02043430 UPPER CURRITUCK SOUND NEAR COROLLA, 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	---	---	---	---	---	---	---	---	---	---	---	---

02043430 UPPER CURRITUCK SOUND NEAR COROLLA, 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	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	15	9.7	11
6	---	---	---	---	---	---	---	---	---	37	7.2	13
7	---	---	---	---	---	---	---	---	---	35	6.7	11
8	---	---	---	---	---	---	---	---	---	23	7.7	12
9	---	---	---	---	---	---	---	---	---	38	5.8	13
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	39	6.7	11
12	---	---	---	---	---	---	---	---	---	30	7.7	11
13	---	---	---	---	---	---	25	9.1	18	12	7.5	9.0
14	---	---	---	---	---	---	22	6.1	11	10	7.6	8.8
15	---	---	---	---	---	---	45	5.7	16	11	8.6	9.9
16	---	---	---	---	---	---	41	3.8	15	11	6.5	8.6
17	---	---	---	---	---	---	14	3.7	8.4	15	6.4	8.2
18	---	---	---	---	---	---	280	5.3	60	21	8.1	13
19	---	---	---	---	---	---	410	5.0	77	20	7.6	16
20	---	---	---	---	---	---	190	4.2	48	30	7.3	16
21	---	---	---	---	---	---	29	5.6	7.9	11	5.6	7.3
22	---	---	---	---	---	---	14	5.0	7.4	12	5.1	6.4
23	---	---	---	---	---	---	58	7.5	17	7.5	4.5	5.9
24	---	---	---	---	---	---	17	5.6	9.8	20	4.6	6.7
25	---	---	---	---	---	---	53	5.0	14	23	5.9	9.5
26	---	---	---	---	---	---	25	5.9	11	48	22	32
27	---	---	---	---	---	---	7.6	5.3	6.3	59	6.5	23
28	---	---	---	---	---	---	---	---	---	31	5.1	8.1
29	---	---	---	---	---	---	---	---	---	6.1	4.7	5.5
30	---	---	---	---	---	---	---	---	---	7.9	4.4	5.9
31	---	---	---	---	---	---	---	---	---	7.3	4.3	5.2
Month	---	---	---	---	---	---	---	---	---	---	---	---

02043430 UPPER CURRITUCK SOUND NEAR COROLLA, 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	12	4.5	6.5	---	---	---	9.4	7.2	8.1	78	8.6	35
2	26	7.9	13	---	---	---	12	8.0	9.3	86	10	30
3	20	5.3	12	---	---	---	13	6.7	8.9	34	7.4	11
4	15	5.1	6.1	---	---	---	9.8	4.7	6.5	11	6.8	8.0
5	12	4.8	6.5	---	---	---	7.3	5.1	5.8	25	7.6	9.4
6	7.2	4.6	5.5	---	---	---	6.9	4.9	5.6	24	7.9	11
7	7.3	4.0	5.4	6.1	3.2	4.0	6.5	4.5	5.1	16	10	12
8	6.1	4.3	5.2	6.9	3.8	4.7	---	---	---	24	16	19
9	5.9	4.3	4.9	5.6	4.1	4.8	---	---	---	30	18	25
10	7.0	4.7	5.3	6.1	4.8	5.3	---	---	---	27	8.7	20
11	13	4.8	5.8	5.9	4.3	5.0	---	---	---	28	8.1	10
12	6.2	4.6	5.3	7.6	4.5	5.4	---	---	---	12	7.0	8.4
13	6.3	4.7	5.3	12	5.1	7.3	---	---	---	14	7.1	11
14	150	4.7	20	16	5.3	6.9	---	---	---	13	7.1	9.3
15	7.8	4.6	5.8	8.1	5.0	5.9	---	---	---	11	6.9	8.6
16	---	---	---	6.5	4.8	5.3	---	---	---	11	6.2	7.5
17	---	---	---	8.4	4.2	5.4	8.6	6.7	7.5	12	6.0	7.4
18	---	---	---	10	4.7	5.9	8.3	6.5	7.4	13	6.5	8.8
19	---	---	---	7.2	4.5	5.8	7.8	5.6	6.7	13	6.2	8.0
20	---	---	---	7.4	4.8	6.1	7.2	5.7	6.3	9.0	6.1	7.3
21	---	---	---	14	5.5	7.8	7.7	5.8	6.6	16	5.4	7.7
22	---	---	---	27	13	20	6.7	5.4	6.0	20	5.7	8.9
23	---	---	---	24	6.7	12	---	---	---	13	5.6	7.7
24	---	---	---	7.6	6.1	6.7	---	---	---	32	10	15
25	---	---	---	7.8	6.0	6.9	---	---	---	14	7.4	9.3
26	---	---	---	7.3	6.0	6.6	---	---	---	9.2	6.1	7.3
27	---	---	---	11	6.2	7.4	---	---	---	7.6	5.1	6.4
28	---	---	---	20	6.8	8.1	---	---	---	13	4.9	6.9
29	---	---	---	16	7.9	9.8	---	---	---	10	5.9	7.1
30	---	---	---	13	7.3	8.4	14	6.8	9.3	7.6	5.1	5.9
31	---	---	---	21	6.7	8.4	38	4.9	12	---	---	---
Month	---	---	---	---	---	---	---	---	---	86	4.9	12

02043430 UPPER CURRITUCK SOUND NEAR COROLLA, 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	12	5.3	6.6	13	5.5	6.9	58	8.7	28	29	3.6	16
2	12	4.9	6.2	38	5.1	16	49	9.1	17	28	6.9	12
3	10	4.7	5.5	26	3.7	12	9.4	5.8	7.4	7.1	4.9	5.7
4	9.2	5.5	6.3	12	2.6	6.4	37	6.5	18	14	4.7	5.6
5	13	6.1	7.2	28	2.1	6.8	12	4.5	7.6	15	4.8	6.0
6	52	5.1	11	86	2.8	7.9	6.6	4.5	5.5	19	6.2	13
7	11	6.2	8.6	66	2.8	6.2	53	6.6	9.3	21	6.1	8.5
8	18	8.4	11	83	3.9	15	78	9.0	32	35	17	24
9	14	8.3	10	30	3.9	11	9.0	5.5	7.0	38	12	22
10	15	6.9	9.6	63	4.2	10	11	7.3	8.5	33	7.1	18
11	26	8.2	13	16	3.6	6.2	18	10	13	12	4.7	5.9
12	14	6.1	8.0	50	4.7	13	15	5.8	8.5	9.7	4.5	5.3
13	29	7.6	15	50	4.9	18	7.1	5.0	5.8	9.4	5.1	7.1
14	17	6.5	8.8	6.6	4.3	5.0	9.3	4.8	6.2	9.5	7.4	8.3
15	12	5.5	7.8	6.5	4.4	5.1	7.0	5.5	6.2	11	8.6	9.7
16	18	8.4	12	79	5.7	23	7.9	4.3	5.5	39	9.2	16
17	20	5.0	11	33	8.9	18	5.5	3.4	4.6	---	---	---
18	16	4.7	7.7	12	4.9	7.3	8.9	5.3	6.3	---	---	---
19	10	3.8	5.5	8.1	4.3	5.2	7.1	4.0	5.0	29	4.7	11
20	16	5.3	8.5	7.2	3.6	4.7	15	3.1	6.3	37	7.2	22
21	11	5.5	7.0	---	---	---	3.3	2.9	3.0	24	6.7	13
22	7.3	4.0	5.6	---	---	---	12	2.9	3.8	46	6.7	14
23	20	4.7	9.0	68	16	39	64	6.6	12	16	5.7	10
24	18	4.3	9.3	27	11	16	27	5.0	7.2	32	4.7	9.5
25	5.9	2.8	3.9	25	12	20	36	3.5	10	20	5.4	12
26	3.3	2.2	2.7	15	12	14	43	12	21	32	8.3	18
27	9.0	2.2	2.9	14	6.9	11	33	7.3	17	26	12	20
28	30	7.0	16	12	6.1	8.9	11	4.8	6.2	29	11	16
29	42	10	18	7.5	4.3	5.5	12	4.1	4.9	45	18	30
30	26	6.5	11	8.7	5.3	6.5	5.1	3.3	3.8	20	11	16
31	14	6.6	7.4	---	---	---	3.7	2.8	3.1	31	10	20
Month	52	2.2	8.8	---	---	---	78	2.8	9.7	---	---	---

02043430 UPPER CURRITUCK SOUND NEAR COROLLA, 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	18	10	13	23	8.2	12	18	6.3	8.2	11	7.3	8.9
2	13	8.6	9.7	56	16	31	30	6.7	12	32	11	20
3	19	9.0	12	37	14	21	19	6.9	9.7	17	10	12
4	32	9.3	20	29	16	22	33	6.1	13	12	8.6	10
5	34	11	19	32	16	23	25	8.5	12	9.2	4.5	7.1
6	16	8.7	12	72	15	31	20	6.4	11	---	---	---
7	38	9.3	17	29	13	17	89	6.5	43	---	---	---
8	13	7.8	9.7	28	10	18	37	7.6	18	---	---	---
9	13	7.5	9.4	17	8.1	14	9.0	5.9	7.3	---	---	---
10	11	5.9	8.4	16	7.3	12	16	5.6	7.2	24	14	19
11	11	4.2	7.9	22	9.4	14	9.2	5.1	6.7	15	11	12
12	9.7	5.0	7.9	16	7.6	11	18	5.8	13	12	8.7	10
13	10	6.8	8.5	11	6.9	8.8	19	6.7	10	38	8.6	17
14	61	4.7	25	19	9.4	12	8.6	4.9	6.9	12	6.5	9.8
15	53	11	24	22	12	16	52	6.4	19	47	7.5	21
16	15	8.7	11	44	11	20	100	47	73	51	36	44
17	24	7.9	14	58	18	37	94	18	50	53	12	18
18	55	14	21	28	10	18	36	12	21	53	11	25
19	68	9.5	26	32	8.5	16	18	9.7	14	14	7.6	10
20	32	15	23	37	15	25	15	7.3	11	18	11	15
21	24	12	18	24	12	17	13	8.4	11	15	7.6	11
22	38	11	20	17	9.5	13	10	7.6	9.2	8.6	5.8	7.2
23	---	---	---	17	11	13	24	8.6	12	9.4	5.4	6.9
24	---	---	---	16	9.7	12	41	12	23	7.5	4.8	5.8
25	---	---	---	31	9.2	16	23	11	14	12	5.6	6.9
26	32	10	19	20	7.4	11	21	10	12	18	9.2	12
27	18	7.5	15	21	9.4	14	34	11	23	18	8.2	13
28	20	9.7	16	17	7.9	10	31	9.3	14	18	9.3	13
29	---	---	---	---	---	---	20	8.9	12	12	6.0	8.9
30	---	---	---	---	---	---	11	8.4	9.8	6.4	5.0	5.7
31	---	---	---	9.9	4.3	7.1	---	---	---	9.7	4.2	5.5
Month	---	---	---	---	---	---	100	4.9	17	---	---	---

02043430 UPPER CURRITUCK SOUND NEAR COROLLA, 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	10	5.9	7.3	8.1	5.1	6.0	---	---	---	---	---	---
2	9.7	5.3	6.8	7.2	5.7	6.1	---	---	---	---	---	---
3	26	4.6	6.5	6.8	5.3	6.1	---	---	---	---	---	---
4	15	6.2	10	10	5.6	6.7	---	---	---	---	---	---
5	14	4.7	9.0	14	7.1	9.6	---	---	---	---	---	---
6	25	4.4	7.3	18	5.5	9.0	---	---	---	---	---	---
7	10	4.2	5.4	8.9	5.5	6.3	---	---	---	---	---	---
8	15	4.8	7.8	7.5	5.1	6.1	---	---	---	---	---	---
9	7.2	4.3	5.6	8.1	4.7	5.5	---	---	---	---	---	---
10	7.0	3.7	4.3	7.0	5.1	5.8	---	---	---	---	---	---
11	6.8	3.5	4.1	8.1	4.8	5.7	---	---	---	---	---	---
12	9.6	3.3	4.7	7.2	5.0	5.9	---	---	---	---	---	---
13	43	3.9	5.6	6.8	5.1	5.7	---	---	---	---	---	---
14	6.8	4.3	5.4	6.1	4.8	5.4	---	---	---	---	---	---
15	6.4	4.5	4.8	6.8	4.9	5.6	---	---	---	---	---	---
16	6.2	3.9	4.4	7.4	6.2	6.5	---	---	---	---	---	---
17	6.2	4.7	5.2	7.6	5.9	6.6	---	---	---	---	---	---
18	5.1	4.2	4.6	6.5	5.6	6.0	---	---	---	---	---	---
19	5.5	4.0	4.4	9.7	5.8	6.3	---	---	---	---	---	---
20	11	4.5	5.1	---	---	---	---	---	---	---	---	---
21	6.5	4.4	5.1	---	---	---	---	---	---	---	---	---
22	7.9	4.5	5.3	---	---	---	---	---	---	---	---	---
23	5.4	4.3	4.8	---	---	---	---	---	---	---	---	---
24	5.6	4.3	4.8	7.6	4.3	6.0	---	---	---	---	---	---
25	16	4.6	5.9	8.6	5.7	6.8	---	---	---	---	---	---
26	10	4.8	5.4	8.8	6.1	7.2	---	---	---	---	---	---
27	16	5.1	6.6	10	5.4	6.9	---	---	---	---	---	---
28	12	5.4	7.6	9.5	7.0	8.1	---	---	---	---	---	---
29	11	6.1	8.2	9.7	7.6	8.5	---	---	---	---	---	---
30	12	5.3	6.0	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	43	3.3	5.9	---	---	---	---	---	---	---	---	---