

Water-Data Report 2007

0204347500 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, NC

Albemarle-Chowan Basin
Albemarle Subbasin

LOCATION.--Lat 36°05'12", long 75°46'06" referenced to North American Datum of 1927, Currituck County, NC, Hydrologic Unit 03010205, at US Highway 158, 1.5 mi east of Point Harbor.

DRAINAGE AREA.--Indeterminate.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--

GAGE HEIGHT: January 2006 to August 2007 (discontinued).

VELOCITY: January 2006 to August 2007 (discontinued).

GAGE.--Water-stage recorder and acoustic velocity meter. Datum of gage is 8.58 below North American Vertical Datum of 1988. Satellite telemetry at station.

REMARKS.--Gage height and velocity records good. This site is strongly affected by both astronomical and wind tides. The astronomical tides occur at primary harmonic periods of 12.42 hours and 24.8 hours. Mean daily discharge data for this site may be affected by aliasing due to tides and can contain fluctuations that are not representative of net downstream discharge. Negative values represent upstream direction of flow.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 10.90 ft, September 1, 2006; maximum velocity, 1.30 ft/s February 26, 2006, April 8, 9, 26, 2006, November 22, 2006; minimum gage height, 5.99 ft, November 22, 2006; minimum velocity, -2.3 ft/s, November 22, 2006.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 10.80 ft, November 22; maximum velocity, 1.30 ft/s, November 22; minimum gage height, 5.99 ft, November 22; minimum velocity, -2.30 ft/s, November 22.

0204347500 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, NC—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

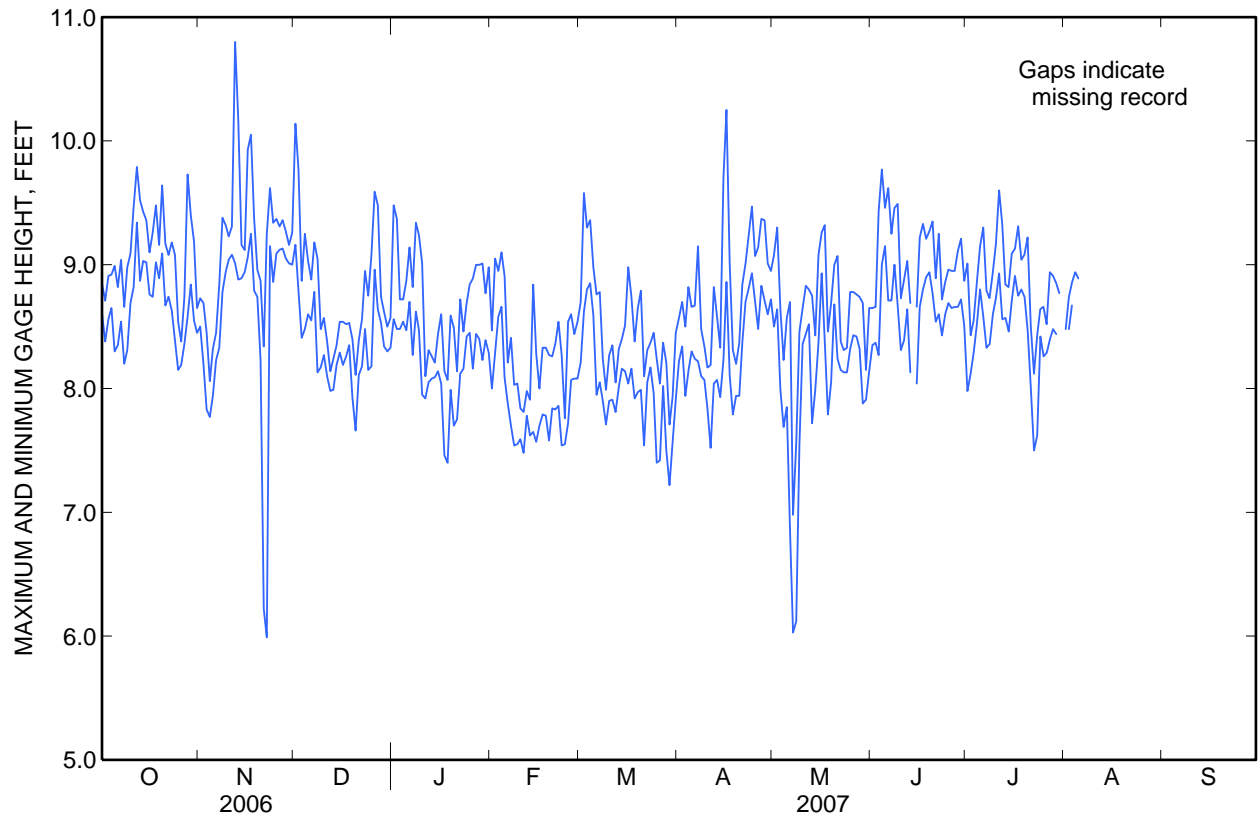
Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
1	8.85	8.61	8.73	8.50	10.14	9.16	9.48	8.56	8.47	8.00	8.70	8.21
2	8.71	8.38	8.69	8.20	9.77	8.79	9.37	8.48	9.05	8.29	9.58	8.62
3	8.91	8.56	8.45	7.83	8.87	8.41	8.72	8.48	8.95	8.58	9.30	8.80
4	8.92	8.65	8.06	7.77	9.25	8.48	8.72	8.54	9.10	8.66	9.36	8.85
5	8.99	8.30	8.32	7.94	9.03	8.60	8.87	8.47	8.91	8.09	8.98	8.59
6	8.82	8.35	8.45	8.23	8.88	8.55	9.14	8.70	8.21	7.88	8.76	7.95
7	9.04	8.54	8.84	8.33	9.18	8.78	8.82	8.27	8.41	7.70	8.78	8.05
8	8.66	8.20	9.38	8.78	9.05	8.13	9.34	8.62	8.03	7.54	8.24	7.90
9	8.98	8.31	9.32	8.94	8.48	8.17	9.24	8.47	8.04	7.55	7.99	7.71
10	9.09	8.69	9.23	9.04	8.57	8.27	9.01	7.95	7.84	7.59	8.27	7.90
11	9.47	8.82	9.31	9.08	8.38	8.10	8.10	7.92	7.81	7.48	8.35	7.91
12	9.79	9.34	10.80	9.01	8.14	7.98	8.31	8.05	7.98	7.78	8.05	7.81
13	9.52	8.87	10.16	8.88	8.24	7.99	8.26	8.08	7.91	7.62	8.32	8.01
14	9.43	9.03	9.16	8.89	8.35	8.19	8.21	8.09	8.84	7.65	8.40	8.16
15	9.36	9.02	9.12	8.94	8.54	8.29	8.44	8.14	8.28	7.57	8.51	8.14
16	9.10	8.76	9.93	9.06	8.54	8.19	8.60	8.04	8.00	7.70	8.98	8.04
17	9.26	8.74	10.05	9.25	8.52	8.26	8.14	7.46	8.33	7.79	8.74	8.16
18	9.48	9.02	9.37	8.79	8.53	8.35	8.07	7.40	8.33	7.78	8.38	7.92
19	9.16	8.89	8.96	8.74	8.40	7.93	8.59	7.99	8.27	7.58	8.65	7.97
20	9.64	9.09	8.87	8.23	8.11	7.66	8.49	7.70	8.26	7.84	8.79	7.99
21	9.17	8.67	8.34	6.22	8.39	8.11	8.14	7.75	8.36	7.83	8.10	7.54
22	9.08	8.74	9.25	5.99	8.56	8.18	8.72	8.12	8.54	7.86	8.31	8.05
23	9.18	8.63	9.62	9.15	8.95	8.48	8.46	8.16	8.27	7.54	8.37	8.17
24	9.08	8.39	9.34	8.86	8.75	8.15	8.69	8.42	7.76	7.55	8.45	7.96
25	8.54	8.15	9.37	9.09	9.08	8.18	8.84	8.45	8.54	7.72	8.24	7.40
26	8.38	8.19	9.31	9.12	9.59	8.96	8.89	8.16	8.60	8.07	8.04	7.42
27	8.74	8.36	9.36	9.13	9.48	8.64	9.00	8.44	8.44	8.08	8.37	8.02
28	9.73	8.58	9.27	9.05	8.74	8.53	9.00	8.40	8.54	8.08	8.21	7.50
29	9.40	8.84	9.16	9.01	8.62	8.34	9.01	8.23	---	---	7.71	7.22
30	9.19	8.55	9.26	9.00	8.50	8.30	8.77	8.39	---	---	7.93	7.56
31	8.65	8.45	---	---	8.57	8.33	8.98	8.29	---	---	8.45	7.91
Month	9.79	8.15	10.80	5.99	10.14	7.66	9.48	7.40	9.10	7.48	9.58	7.22

0204347500 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, NC—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	April		May		June		July		August		September	
1	8.57	8.22	9.08	8.50	8.65	8.35	9.01	7.98	8.48	---	---	---
2	8.70	8.34	9.30	8.64	8.66	8.37	8.43	8.12	8.74	8.48	---	---
3	8.50	7.94	8.64	7.99	9.43	8.27	8.55	8.30	8.86	8.67	---	---
4	8.82	8.14	8.23	7.69	9.77	9.00	8.86	8.52	8.94	---	---	---
5	8.66	8.30	8.57	7.85	9.46	9.15	9.15	8.80	8.89	---	---	---
6	8.67	8.24	8.70	6.86	9.62	8.71	9.30	8.58	---	---	---	---
7	9.15	8.22	6.98	6.03	9.25	8.71	8.79	8.33	---	---	---	---
8	8.48	8.10	7.56	6.12	9.46	9.00	8.73	8.36	---	---	---	---
9	8.34	8.07	8.46	7.55	9.49	8.67	8.93	8.60	---	---	---	---
10	8.17	7.84	8.65	8.36	8.73	8.31	9.17	8.73	---	---	---	---
11	8.19	7.52	8.83	8.44	8.88	8.39	9.60	8.93	---	---	---	---
12	8.82	8.04	8.80	8.52	9.03	8.64	9.32	8.56	---	---	---	---
13	8.58	8.07	8.75	7.72	8.69	8.13	8.84	8.57	---	---	---	---
14	8.33	7.93	8.43	7.99	---	---	8.82	8.46	---	---	---	---
15	9.70	8.23	9.08	8.37	8.66	8.04	9.09	8.72	---	---	---	---
16	10.25	8.86	9.26	8.93	9.22	8.66	9.13	8.91	---	---	---	---
17	9.01	8.11	9.32	8.39	9.33	8.80	9.31	8.75	---	---	---	---
18	8.31	7.79	8.46	7.79	9.21	8.90	9.04	8.80	---	---	---	---
19	8.20	7.94	8.69	8.05	9.27	8.94	9.08	8.74	---	---	---	---
20	8.37	7.94	9.00	8.68	9.35	8.77	9.22	8.46	---	---	---	---
21	8.84	8.37	9.07	8.24	8.89	8.54	8.50	8.01	---	---	---	---
22	9.01	8.70	8.38	8.15	9.25	8.60	8.12	7.50	---	---	---	---
23	9.24	8.81	8.31	8.13	8.72	8.43	8.43	7.62	---	---	---	---
24	9.47	8.93	8.33	8.13	8.86	8.60	8.64	8.42	---	---	---	---
25	9.07	8.70	8.78	8.32	8.96	8.69	8.66	8.26	---	---	---	---
26	9.14	8.48	8.78	8.43	8.95	8.65	8.52	8.29	---	---	---	---
27	9.37	8.83	8.76	8.42	8.95	8.66	8.94	8.40	---	---	---	---
28	9.36	8.71	8.74	8.32	9.11	8.66	8.91	8.48	---	---	---	---
29	9.01	8.60	8.69	7.88	9.21	8.72	8.85	8.44	---	---	---	---
30	8.95	8.72	8.15	7.91	8.87	8.51	8.77	---	---	---	---	---
31	---	---	8.65	8.14	---	---	---	---	---	---	---	---
Month	10.25	7.52	9.32	6.03	---	---	---	---	---	---	---	---

0204347500 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, NC—Continued



0204347500 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, NC—Continued

STREAM VELOCITY, FEET PER SECOND
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

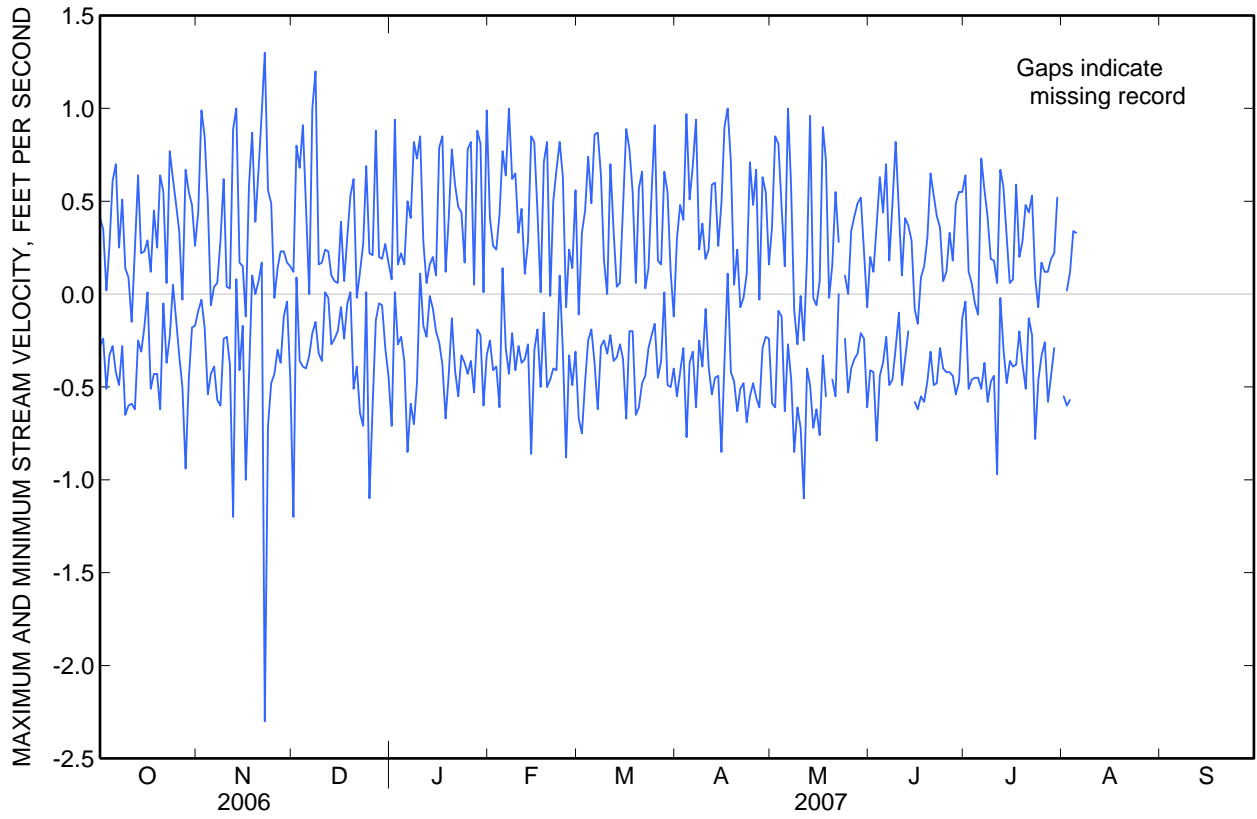
Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
1	0.41	-0.28	0.44	-0.09	0.12	-1.2	0.08	-0.71	0.41	-0.25	-0.11	-0.67
2	0.35	-0.24	0.99	-0.03	0.80	0.09	0.94	0.01	0.26	-0.41	0.33	-0.75
3	0.02	-0.51	0.85	-0.18	0.68	-0.36	0.16	-0.27	0.24	-0.39	0.45	-0.47
4	0.26	-0.33	0.49	-0.54	0.91	-0.39	0.22	-0.23	0.43	-0.61	0.74	-0.25
5	0.61	-0.28	-0.06	-0.43	0.46	-0.40	0.16	-0.36	0.77	0.14	0.49	-0.19
6	0.70	-0.42	0.04	-0.39	0.00	-0.33	0.50	-0.85	0.64	-0.29	0.86	-0.37
7	0.25	-0.49	0.06	-0.57	1.0	-0.21	0.41	-0.59	1.0	-0.43	0.87	-0.62
8	0.51	-0.28	0.29	-0.60	1.2	-0.15	0.82	-0.70	0.62	-0.21	0.64	-0.28
9	0.14	-0.65	0.62	-0.24	0.16	-0.32	0.73	-0.48	0.65	-0.41	0.18	-0.25
10	0.09	-0.60	0.04	-0.23	0.17	-0.36	0.85	0.11	0.33	-0.28	0.00	-0.32
11	-0.15	-0.59	0.03	-0.38	0.24	0.01	0.28	-0.17	0.46	-0.37	0.70	-0.22
12	0.24	-0.62	0.89	-1.2	0.23	-0.02	0.06	-0.23	0.11	-0.35	0.34	-0.36
13	0.64	-0.25	1.0	0.08	0.10	-0.27	0.16	-0.01	0.28	-0.27	0.04	-0.34
14	0.22	-0.31	0.17	-0.41	0.07	-0.24	0.20	-0.08	0.85	-0.86	0.06	-0.27
15	0.23	-0.18	0.15	-0.17	0.06	-0.20	0.10	-0.20	0.82	-0.30	0.47	-0.35
16	0.29	0.01	-0.12	-1.0	0.39	-0.07	0.79	-0.26	0.45	-0.19	0.89	-0.67
17	0.12	-0.51	0.58	-0.45	0.07	-0.24	0.85	-0.38	0.01	-0.50	0.78	-0.20
18	0.45	-0.43	0.87	0.10	0.30	-0.05	0.12	-0.67	0.71	-0.10	0.55	-0.20
19	0.25	-0.43	0.39	0.00	0.53	0.01	0.40	-0.43	0.82	-0.50	0.06	-0.65
20	0.64	-0.62	0.67	0.07	0.62	-0.51	0.78	-0.13	-0.01	-0.46	0.57	-0.61
21	0.55	-0.05	0.98	0.17	-0.02	-0.39	0.59	-0.41	0.50	-0.40	0.66	-0.48
22	0.06	-0.37	1.3	-2.3	0.12	-0.64	0.47	-0.55	0.67	-0.41	0.03	-0.44
23	0.77	-0.23	0.56	-0.71	0.27	-0.71	0.44	-0.33	0.82	0.10	0.14	-0.29
24	0.62	0.05	0.49	-0.48	0.69	0.01	0.17	-0.37	0.63	-0.31	0.56	-0.22
25	0.48	-0.14	-0.02	-0.43	0.22	-1.1	0.78	-0.43	-0.07	-0.88	0.91	-0.16
26	0.34	-0.33	0.14	-0.30	0.21	-0.60	0.82	-0.36	0.24	-0.33	0.18	-0.45
27	-0.03	-0.50	0.23	-0.37	0.88	-0.14	0.05	-0.53	0.14	-0.49	0.16	-0.36
28	0.67	-0.94	0.23	-0.12	0.20	-0.05	0.88	-0.19	0.56	-0.31	0.66	0.01
29	0.55	-0.46	0.17	-0.04	0.19	-0.06	0.81	-0.22	---	---	0.55	-0.49
30	0.48	-0.18	0.15	-0.45	0.27	-0.29	0.01	-0.60	---	---	0.13	-0.50
31	0.26	-0.17	---	---	0.17	-0.44	0.99	-0.33	---	---	-0.12	-0.40
Month	0.77	-0.94	1.3	-2.3	1.2	-1.2	0.99	-0.85	1.0	-0.88	0.91	-0.75

0204347500 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, NC—Continued

STREAM VELOCITY, FEET PER SECOND
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	April		May		June		July		August		September	
1	0.30	-0.55	0.36	-0.59	0.20	-0.41	0.64	-0.04	---	-0.55	---	---
2	0.48	-0.42	0.85	-0.61	0.12	-0.42	0.12	-0.51	0.02	-0.60	---	---
3	0.40	-0.29	0.81	-0.09	0.37	-0.79	0.06	-0.46	0.12	-0.57	---	---
4	0.97	-0.77	0.47	-0.12	0.63	-0.44	-0.05	-0.45	0.34	---	---	---
5	0.51	-0.37	0.15	-0.63	0.44	-0.37	-0.11	-0.45	0.33	---	---	---
6	0.69	-0.31	1.0	-0.27	0.70	-0.23	0.73	-0.51	---	---	---	---
7	0.94	-0.61	0.59	-0.46	0.18	-0.49	0.56	-0.37	---	---	---	---
8	0.24	-0.25	-0.09	-0.85	0.49	-0.46	0.42	-0.58	---	---	---	---
9	0.38	-0.39	-0.27	-0.61	0.82	-0.29	0.19	-0.47	---	---	---	---
10	0.19	-0.08	-0.01	-0.72	0.45	-0.10	0.18	-0.44	---	---	---	---
11	0.24	-0.39	-0.25	-1.1	0.10	-0.49	0.06	-0.97	---	---	---	---
12	0.59	-0.54	0.20	-0.40	0.41	-0.34	0.67	-0.02	---	---	---	---
13	0.60	-0.45	0.96	-0.49	0.37	-0.20	0.58	-0.30	---	---	---	---
14	0.26	-0.44	-0.02	-0.72	0.29	---	0.32	-0.48	---	---	---	---
15	0.49	-0.85	-0.06	-0.62	-0.08	-0.58	0.06	-0.36	---	---	---	---
16	0.90	-0.36	0.07	-0.76	-0.16	-0.62	0.08	-0.39	---	---	---	---
17	1.0	0.11	0.90	-0.33	0.09	-0.55	0.59	-0.38	---	---	---	---
18	0.71	-0.42	0.72	-0.55	0.15	-0.58	0.20	-0.20	---	---	---	---
19	0.05	-0.47	-0.02	---	0.30	-0.47	0.28	-0.38	---	---	---	---
20	0.24	-0.63	0.16	-0.46	0.65	-0.31	0.48	-0.51	---	---	---	---
21	-0.07	-0.51	0.55	-0.55	0.53	-0.49	0.44	-0.13	---	---	---	---
22	-0.02	-0.48	0.28	0.00	0.42	-0.48	0.53	-0.22	---	---	---	---
23	0.11	-0.69	---	---	0.36	-0.29	0.09	-0.78	---	---	---	---
24	0.71	-0.55	0.10	-0.24	0.07	-0.40	-0.07	-0.46	---	---	---	---
25	0.48	-0.48	0.00	-0.53	0.12	-0.42	0.17	-0.33	---	---	---	---
26	0.67	-0.56	0.34	-0.40	0.33	-0.42	0.12	-0.26	---	---	---	---
27	-0.03	-0.61	0.42	-0.35	0.18	-0.44	0.12	-0.58	---	---	---	---
28	0.63	-0.29	0.49	-0.32	0.49	-0.54	0.19	-0.44	---	---	---	---
29	0.55	-0.23	0.52	-0.21	0.55	-0.47	0.22	-0.29	---	---	---	---
30	0.16	-0.24	0.23	-0.24	0.55	-0.13	0.52	---	---	---	---	---
31	---	---	-0.07	-0.61	---	---	---	---	---	---	---	---
Month	1.0	-0.85	---	---	0.82	---	---	---	---	---	---	---

0204347500 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, NC—Continued



0204347500 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, NC—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--January 1990 to July 1993, February 2006 to July 2007 (discontinued).

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: February 2006 to July 2007.
SALINITY, TOP: January 1990 to July 1993, February 2006 to July 2007.
SALINITY, BOTTOM: January 1990 to July 1993.
pH: February 2006 to July 2007.
WATER TEMPERATURE, TOP: January 1990 to July 1993, February 2006 to July 2007.
DISSOLVED OXYGEN, TOP: January 1990 to July 1993, February 2006 to July 2007.
DISSOLVED OXYGEN, MID: January 1990 to July 1993.
DISSOLVED OXYGEN, BOTTOM: January 1990 to July 1993.
DISSOLVED OXYGEN, PERCENT SATURATION (TOP): February 2006 to July 2007.
TURBIDITY, in FNU: February 2006 to July 2007.

INSTRUMENTATION.--Self-logging water-quality monitor February 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.--Data for water years 1990 through 1991 published in Open-File report 93-69. Data for water years 1992 and 1993 are available from the North Carolina Water Science Center. 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 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, 25,500 microsiemens, September 2, 2006; minimum recorded, 1,560 microsiemens, February 17, 2007.
SALINITY (TOP): Maximum recorded, 16.3 ppt, November 2, 1991; minimum recorded, 0.3 ppt, April 19, 1990.
SALINITY (BOTTOM): Maximum recorded, 20.8 ppt, November 4, 1991; minimum recorded 0.4 ppt, July 3, 1990.
pH: Maximum recorded, 9.2 standard units, November 30, 2006; minimum recorded, 7.0 standard units, March 28, 2007.
WATER TEMPERATURE: Maximum recorded, 32.5°C, July 8, 1991, August 3, 4, 2006; minimum recorded, 1.7°C, January 20, 1992.
DISSOLVED OXYGEN (TOP): Maximum recorded, 19.1 mg/L, December 21, 1991; minimum recorded, <0.1, March 1, 6, 9, 1992.
DISSOLVED OXYGEN (MID): Maximum recorded, 14.5 mg/L, March 1, 1993; minimum recorded, 1.1 mg/L, March 6, 1992.
DISSOLVED OXYGEN (BOTTOM): Maximum recorded, 15.7 mg/L, May 26, 1990; minimum recorded, 0.4, September 15, 1991.
DISSOLVED OXYGEN, PERCENT SATURATION (TOP): Maximum recorded, 136%, February 14, 2006; minimum recorded, 50%, September 9, 2006.
TURBIDITY: Maximum recorded, 200 FNU, June 14, 2006; minimum recorded, <5 FNU, on many days during the period.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum recorded, 25,500 microsiemens, September 2, 2006; minimum recorded, 1,560 microsiemens, February 17, 2007.
SALINITY (TOP): Maximum recorded, 15.5 ppt, September 2, 2006; minimum recorded, 0.8 ppt, February 17, 18, 2007.
pH: Maximum recorded, 9.2 standard units, November 30, 2006; minimum recorded, 7.0 standard units, March 28, 2007.
WATER TEMPERATURE: Maximum recorded, 32.5°C, August 3, 4, 2006; minimum recorded 2.2°C, February 6, 9, 2007.
DISSOLVED OXYGEN (TOP): Maximum recorded, 14.4 mg/L, February, 12, 2007; minimum recorded, 4.0 mg/L, September 9, 2006, July 3, 2007.
DISSOLVED OXYGEN, PERCENT SATURATION (TOP): Maximum recorded, 136%, February 14, 2006; minimum recorded, 50%, September 9, 2006.
TURBIDITY: Maximum recorded, 200 FNU, June 14, 2006; minimum recorded, <5 FNU, on many days during the period.

020434750 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, NC—Continued

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 oxy- gen, mg/L (00300)	Dis- solved oxy- gen, per- cent of sat- uration (00301)	pH, water, unfltrd field, std units (00400)	Specif- ic conduc- tance, wat unf µS/cm 25 degC (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 17...	1120	.75	8.0	760	7.7	98	8.4	7,410	26.5	5.0	29	22	.36

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

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)	Partic- ulate nitro- gen, susp, water, mg/L (49570)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Total carbon, suspnd sedimnt total, mg/L (00694)	Inor- ganic carbon, suspnd total, mg/L (00688)	Organic carbon, water, fltrd, mg/L (00681)
Aug 17...	.012	<.016	<.002	.57	.38	E.004	4.0	<.1	7.8

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

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 oxy- gen, mg/L (00300)	Dis- solved oxy- gen, per- cent of sat- uration (00301)	pH, water, unfltrd field, std units (00400)	Specif- ic conduc- tance, wat unf µS/cm 25 degC (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)
Apr 24...	1550	.88	7.5	765	9.8	106	7.0	6,160	18.4	3.9	21	<10	.33
Jul 31...	1005	.50	8.2	761	8.0	105	8.4	9,920	27.6	2.5	26	13	.45

0204347500 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, NC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 2 of 2

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

Date	Ammonia	Nitrite +	Nitrite	Particulate	Total	Ortho-	Total	Inor-	Chloro-	Pheo-	
	water, fltrd, mg/L as N (00608)	nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	nitro- gen, susp, water, mg/L (49570)	nitro- gen, wat flt by anal ysis, mg/L (62854)	phos- phate, water, fltrd, mg/L as P (00671)	carbon, suspnd sedimnt total, mg/L (00694)	ganic carbon, suspnd sedimnt total, mg/L (00688)	phyll a phyto- plank- ton, fluoro, µg/L (70953)	phytin a, phyto- plank- ton, µg/L (62360)	
Apr											
24...	<.020	<.016	<.002	.17	.32	<.006	1.8	<.1	7.9	3.3	.4
Jul											
31...	.026	<.016	<.002	.41	.46	E.003	3.2	<.1	6.3	14.0	.8

0204347500 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, 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	---	---	---	---	---	---	---	---	---	---	---	---

0204347500 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, 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	---	---	---	3.7	3.4	3.5	11.5	6.1	9.0	3.5	2.4	3.1
2	---	---	---	8.4	3.5	6.4	8.3	5.3	6.2	3.7	2.3	2.8
3	---	---	---	7.0	3.2	3.7	9.5	5.4	7.3	4.8	3.1	4.3
4	---	---	---	3.3	3.0	3.2	9.7	5.5	7.4	11.5	4.5	8.5
5	---	---	---	3.3	3.0	3.2	6.9	4.8	5.8	11.9	8.5	10.5
6	---	---	---	4.2	3.2	3.5	5.0	4.6	4.9	12.2	10.7	11.5
7	---	---	---	3.3	2.6	2.9	8.0	5.0	6.7	11.5	7.1	9.0
8	---	---	---	3.4	2.7	3.0	8.3	6.9	7.9	15.4	6.7	9.8
9	---	---	---	---	---	---	7.3	3.8	4.9	11.8	7.0	8.0
10	---	---	---	---	---	---	4.4	3.9	4.1	10.1	7.0	8.7
11	4.6	3.6	4.2	---	---	---	4.8	4.1	4.6	11.6	9.7	10.5
12	5.3	3.3	4.1	---	---	---	5.5	4.8	5.1	11.6	10.3	10.9
13	3.8	2.7	3.2	---	---	---	6.2	5.4	5.6	11.3	10.2	10.9
14	5.1	3.6	4.5	---	---	---	6.5	5.4	5.9	10.9	10.3	10.8
15	4.7	4.3	4.5	---	---	---	5.8	4.9	5.5	11.4	10.4	10.8
16	4.4	3.9	4.2	---	---	---	5.1	3.8	4.6	11.1	10	10.7
17	4.3	3.0	4.0	---	---	---	4.4	3.2	4.2	10.7	9.7	10.3
18	3.1	2.6	2.8	---	---	---	4.2	3.2	3.6	10.4	9.3	10.1
19	3.1	2.6	2.8	---	---	---	5.1	3.8	4.5	10.4	9.5	9.9
20	3.2	2.7	3.0	---	---	---	5.2	4.6	4.9	10.3	9.5	10.1
21	3.5	3.1	3.3	---	---	---	6.0	4.6	5.2	9.6	8.1	8.6
22	3.5	3.2	3.4	---	---	---	8.0	5.5	6.6	8.6	8.0	8.2
23	3.4	3.3	3.3	---	---	---	8.9	6.2	7.6	8.3	7.9	8.1
24	3.6	3.1	3.4	---	---	---	8.4	6.4	7.5	8.2	7.3	7.9
25	3.6	3.1	3.4	---	---	---	6.9	5.6	6.3	8.6	7.3	8.0
26	3.6	2.6	2.9	---	---	---	6.7	5.0	5.6	9.4	8.3	8.9
27	3.6	2.6	2.9	---	---	---	5.4	4.6	4.9	9.5	8.0	8.8
28	3.4	3.0	3.2	---	---	---	4.8	3.4	4.3	8.6	7.5	7.9
29	---	---	---	---	---	---	4.3	2.8	3.6	7.7	7.3	7.6
30	---	---	---	---	---	---	4.3	2.5	3.1	8.0	7.6	7.7
31	---	---	---	6.8	4.8	5.8	---	---	---	7.7	7.5	7.7
Month	---	---	---	---	---	---	11.5	2.5	5.6	15.4	2.3	8.7

020434750 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, 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	8.3	7.6	7.8	6.2	5.3	5.8	4.7	4.2	4.4	11.7	4.2	7.3
2	8.6	8.3	8.4	5.9	5.5	5.6	4.9	4.6	4.7	15.5	9.9	12.5
3	8.6	7.8	8.3	6.7	5.5	6.0	4.9	4.7	4.8	9.9	7.8	9.0
4	8.6	7.7	8.2	6.1	5.6	5.8	4.9	4.5	4.7	9.7	7.6	9.1
5	8.6	7.6	8.1	6.6	5.9	6.2	4.7	4.2	4.5	8.5	3.8	6.8
6	7.7	6.5	7.1	7.0	5.2	6.2	4.6	4.1	4.2	6.8	4.1	4.7
7	6.9	6.0	6.5	5.2	4.5	4.7	4.7	4.2	4.5	4.3	3.7	4.0
8	8.1	6.5	7.5	4.6	4.1	4.4	5.0	4.4	4.7	5.5	3.9	4.2
9	8.3	8.0	8.1	5.2	4.3	4.7	4.5	4.3	4.4	5.7	4.1	4.6
10	8.2	7.3	7.9	5.5	5.2	5.4	4.8	4.2	4.4	4.9	3.7	4.3
11	8.0	7.1	7.6	6.0	5.5	5.8	4.8	4.3	4.5	3.8	3.1	3.4
12	8.1	7.1	7.8	6.0	5.7	6.0	4.4	4.3	4.3	3.5	2.6	3.1
13	7.1	6.8	7.1	6.7	6.0	6.4	4.4	3.8	4.2	4.3	2.9	3.9
14	7.7	6.9	7.2	6.6	5.8	6.2	4.2	3.8	4.0	5.6	4.1	5.1
15	7.2	6.4	6.8	6.2	5.1	5.8	5.5	4.2	5.0	5.6	4.3	5.0
16	6.5	5.8	6.2	5.1	4.4	4.7	5.8	3.9	4.6	4.3	3.8	4.0
17	6.4	5.9	6.2	4.7	4.4	4.5	4.3	3.9	4.1	4.1	3.6	3.8
18	7.0	6.4	6.6	4.9	4.7	4.8	4.8	4.1	4.5	4.4	4.1	4.2
19	7.0	6.6	6.8	4.9	4.6	4.7	5.4	4.4	4.7	6.6	4.4	5.6
20	7.4	6.7	6.9	4.8	4.3	4.6	6.7	4.9	6.0	6.6	3.8	4.6
21	7.2	6.3	6.7	5.4	4.5	4.9	7.6	5.6	6.3	3.9	3.5	3.7
22	7.1	6.4	6.7	6.8	4.9	5.5	5.7	4.8	5.2	4.2	3.8	4.0
23	7.3	6.8	7.2	6.8	5.0	6.0	4.9	4.6	4.8	5.9	4.2	4.9
24	7.6	7.0	7.3	5.5	4.6	5.0	4.8	4.5	4.6	6.6	5.8	6.2
25	7.6	7.0	7.3	4.7	4.4	4.6	5.1	4.8	4.9	6.5	4.3	5.2
26	11.2	7.5	9.5	4.6	4.3	4.4	5.0	4.8	5.0	4.3	3.9	4.1
27	11.0	8.7	9.4	5.2	4.3	4.6	5.6	5.0	5.1	4.0	3.5	3.9
28	11.1	7.1	8.5	5.7	5.2	5.4	6.6	5.5	5.9	4.6	3.5	3.9
29	7.1	6.3	6.9	6.0	4.7	5.4	8.5	6.6	7.9	4.7	3.7	4.0
30	6.7	5.4	6.1	5.9	4.5	5.0	8.4	6.4	7.5	4.0	3.8	3.9
31	---	---	---	4.6	4.1	4.4	6.4	4.4	5.1	---	---	---
Month	11.2	5.4	7.4	7.0	4.1	5.3	8.5	3.8	5.0	15.5	2.6	5.1

0204347500 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, 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	4.8	3.9	4.3	3.3	3.1	3.2	3.2	2.4	2.8	4.9	2.3	3.6
2	4.3	3.6	3.9	3.3	2.7	3.0	3.3	2.3	2.7	4.9	2.2	3.0
3	4.3	3.8	4.0	3.1	2.6	2.7	2.6	2.3	2.4	2.4	2.2	2.3
4	4.5	4.3	4.4	2.7	2.0	2.4	2.4	2.0	2.1	2.4	2.3	2.4
5	4.4	3.9	4.2	3.3	2.5	2.8	2.3	2.0	2.1	2.7	2.2	2.4
6	4.0	3.5	3.8	3.5	3.1	3.3	2.3	2.2	2.2	2.9	2.2	2.5
7	4.4	3.5	4.1	3.1	3.0	3.1	2.3	2.2	2.2	2.6	2.1	2.3
8	4.1	3.0	3.7	3.6	3.0	3.4	2.2	1.8	1.9	2.7	2.2	2.5
9	3.8	2.6	3.3	3.5	3.1	3.3	2.1	1.8	1.9	2.5	2.0	2.2
10	3.7	3.1	3.5	3.5	3.2	3.4	2.2	1.8	2.0	2.4	1.8	1.9
11	4.1	3.1	4.0	4.0	3.4	3.5	2.2	2.0	2.1	1.8	1.8	1.8
12	4.3	4.0	4.1	5.2	3.7	4.2	2.0	1.9	2.0	1.9	1.8	1.9
13	4.1	3.9	4.0	4.2	2.8	3.1	2.0	1.9	1.9	1.9	1.8	1.8
14	4.3	3.8	4.0	3.1	2.8	2.9	2.0	1.9	2.0	1.9	1.8	1.8
15	4.7	3.8	4.3	3.2	3.0	3.0	2.0	1.8	1.8	2.2	1.8	1.9
16	4.5	3.5	3.9	5.9	3.1	4.2	1.9	1.8	1.9	2.1	1.5	1.8
17	4.8	3.7	4.0	6.3	3.7	5.1	1.9	1.8	1.9	1.9	1.5	1.6
18	5.3	4.7	5.0	3.8	3.1	3.4	1.9	1.7	1.8	2.0	1.6	1.8
19	4.9	4.0	4.3	3.1	2.8	3.0	1.9	1.8	1.8	1.8	1.3	1.7
20	5.7	4.1	4.9	3.0	2.3	2.6	2.0	1.8	1.9	1.8	1.3	1.6
21	4.3	3.7	4.0	2.3	1.7	1.9	1.9	1.7	1.8	1.9	1.5	1.7
22	4.2	3.7	3.9	2.3	1.5	1.8	1.9	1.7	1.8	1.7	1.5	1.6
23	4.2	3.6	3.9	2.9	1.7	2.1	2.2	1.8	2.0	1.6	1.4	1.5
24	3.6	3.0	3.2	2.3	1.8	2.0	2.0	1.7	1.9	1.6	1.3	1.5
25	3.2	2.6	2.9	2.5	2.1	2.3	3.1	1.7	2.0	1.5	1.1	1.3
26	3.0	2.6	2.7	2.6	2.4	2.5	5.5	2.8	4.4	1.7	1.3	1.6
27	4.0	3.0	3.4	2.6	2.5	2.6	5.4	2.0	3.1	1.5	1.1	1.3
28	4.1	3.8	4.0	2.7	2.6	2.6	3.5	2.6	2.9	1.6	1.1	1.3
29	4.0	3.6	3.9	2.7	2.5	2.6	3.5	2.4	3.0	1.5	1.3	1.4
30	4.0	3.4	3.7	2.8	2.4	2.5	3.2	2.2	2.7	1.5	1.2	1.3
31	3.7	3.2	3.3	---	---	---	2.5	2.1	2.3	1.5	1.2	1.4
Month	5.7	2.6	3.9	6.3	1.5	3.0	5.5	1.7	2.2	4.9	1.1	1.9

0204347500 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, 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	1.4	1.4	1.4	1.2	0.9	1.1	2.0	1.5	1.8	2.6	2.1	2.3
2	1.5	1.1	1.4	2.7	1.0	1.8	1.7	1.5	1.6	3.1	2.4	2.8
3	1.4	1.0	1.2	2.7	1.3	1.6	1.7	1.5	1.6	2.8	1.6	2.1
4	1.2	1.0	1.1	2.8	1.1	1.6	3.1	1.5	2.1	2.1	1.5	1.6
5	1.6	1.0	1.3	1.2	1.0	1.1	2.2	1.6	1.7	1.9	1.4	1.6
6	1.7	1.4	1.6	1.2	0.9	1.2	1.8	1.5	1.6	1.9	1.3	1.6
7	1.6	1.5	1.6	1.2	1.0	1.1	1.8	1.4	1.6	1.5	1.1	1.4
8	1.7	1.6	1.6	1.2	1.1	1.1	1.5	1.2	1.4	1.5	1.1	1.2
9	1.7	1.6	1.6	1.2	1.1	1.1	1.5	1.4	1.5	2.3	1.1	1.6
10	1.6	1.5	1.5	1.1	1.0	1.1	1.5	1.4	1.5	11.5	1.6	5.4
11	1.6	1.5	1.5	1.2	1.0	1.1	1.5	1.4	1.4	12.5	5.6	9.3
12	1.6	1.1	1.3	1.1	1.0	1.1	2.5	1.5	2.1	12.4	5.6	9.1
13	1.4	1.2	1.3	1.1	1.0	1.1	2.1	1.6	1.8	11.4	4.2	6.5
14	1.5	1.2	1.4	1.4	1.1	1.1	1.8	1.6	1.7	6.5	4.5	5.6
15	1.5	1.2	1.4	1.4	1.1	1.3	4.4	1.8	2.8	8.3	5.9	6.6
16	1.5	1.3	1.4	1.2	1.1	1.1	4.3	1.4	2.8	8.6	6.6	7.7
17	1.5	0.8	1.2	1.2	1.1	1.1	1.4	1.2	1.3	8.5	6.7	7.5
18	1.5	0.8	1.2	1.2	1.1	1.2	1.2	1.2	1.2	6.8	5.2	5.8
19	1.4	1.1	1.2	1.3	1.1	1.2	1.4	1.2	1.3	6.3	4.9	5.8
20	1.4	0.9	1.1	1.5	1.2	1.3	1.4	1.2	1.3	6.7	4.6	6.0
21	1.5	1.1	1.3	1.2	1.2	1.2	1.5	1.3	1.5	6.2	5.4	5.6
22	1.2	1.0	1.1	1.3	1.1	1.2	1.6	1.3	1.5	---	---	---
23	1.3	1.1	1.2	1.3	1.2	1.2	4.0	1.6	2.4	5.3	5.0	5.2
24	1.2	1.2	1.2	1.4	1.2	1.3	3.9	3.0	3.5	5.3	5.1	5.2
25	1.2	1.2	1.2	1.2	1.2	1.2	3.4	2.2	2.8	5.3	4.2	5.0
26	1.2	1.2	1.2	1.2	1.2	1.2	3.2	1.8	2.3	4.8	4.2	4.5
27	1.2	0.9	1.2	1.3	1.2	1.3	3.7	1.9	2.9	4.8	4.2	4.6
28	1.2	0.9	1.1	1.3	1.2	1.3	4.4	2.3	3.1	5.0	4.3	4.7
29	---	---	---	1.2	1.2	1.2	2.5	1.8	2.1	4.9	4.2	4.6
30	---	---	---	1.3	1.2	1.2	2.3	1.9	2.2	4.6	4.2	4.5
31	---	---	---	2.0	1.2	1.4	---	---	---	5.0	4.6	4.7
Month	1.7	0.8	1.3	2.8	0.9	1.2	4.4	1.2	1.9	---	---	---

0204347500 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, 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	5.5	4.8	5.2	6.5	4.8	5.6	---	---	---	---	---	---
2	5.8	4.5	5.4	5.5	4.4	5.0	---	---	---	---	---	---
3	7.8	4.9	6.4	5.6	4.8	5.2	---	---	---	---	---	---
4	8.7	7.0	7.9	6.9	5.6	6.1	---	---	---	---	---	---
5	8.6	7.0	8.0	---	---	---	---	---	---	---	---	---
6	8.1	5.5	6.7	---	---	---	---	---	---	---	---	---
7	9.0	5.5	6.6	---	---	---	---	---	---	---	---	---
8	9.9	7.8	9.0	---	---	---	---	---	---	---	---	---
9	9.1	4.7	7.1	---	---	---	---	---	---	---	---	---
10	5.0	4.6	4.8	---	---	---	---	---	---	---	---	---
11	5.5	4.9	5.3	---	---	---	---	---	---	---	---	---
12	6.0	5.3	5.6	---	---	---	---	---	---	---	---	---
13	5.5	4.8	5.1	7.5	6.0	6.3	---	---	---	---	---	---
14	5.1	4.0	4.6	6.4	5.9	6.2	---	---	---	---	---	---
15	4.9	3.8	4.6	7.2	6.3	6.7	---	---	---	---	---	---
16	6.2	3.8	4.4	8.2	6.8	7.5	---	---	---	---	---	---
17	7.0	6.1	6.7	8.0	7.0	7.4	---	---	---	---	---	---
18	8.1	6.6	7.2	7.8	6.9	7.3	---	---	---	---	---	---
19	8.5	7.5	8.1	7.4	6.8	7.0	---	---	---	---	---	---
20	8.3	6.5	7.8	7.1	6.5	6.8	---	---	---	---	---	---
21	7.5	5.2	6.0	6.7	5.5	6.0	---	---	---	---	---	---
22	6.7	5.5	6.1	6.0	4.8	5.3	---	---	---	---	---	---
23	5.9	4.6	5.1	5.2	4.4	4.8	---	---	---	---	---	---
24	6.4	4.7	5.4	6.9	4.7	6.1	---	---	---	---	---	---
25	6.7	5.5	6.3	6.8	5.8	6.5	---	---	---	---	---	---
26	7.5	5.3	6.5	6.4	5.5	6.1	---	---	---	---	---	---
27	7.7	6.2	7.3	6.6	5.1	5.7	---	---	---	---	---	---
28	7.8	6.5	7.3	7.1	5.9	6.5	---	---	---	---	---	---
29	7.5	6.5	7.1	6.1	5.5	5.9	---	---	---	---	---	---
30	7.3	6.2	6.9	5.9	5.5	5.8	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	9.9	3.8	6.3	---	---	---	---	---	---	---	---	---

0204347500 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, 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	---	---	---	---	---	---	---	---	---	---	---	---

020434750 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, 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	---	---	---	6,760	6,210	6,490	19,300	10,800	15,400	6,480	4,600	5,670
2	---	---	---	14,500	6,370	11,300	14,400	9,530	11,000	6,800	4,440	5,290
3	---	---	---	12,200	5,890	6,830	16,200	9,690	12,700	8,640	5,700	7,830
4	---	---	---	6,140	5,580	5,900	16,600	9,830	12,800	19,300	8,140	14,600
5	---	---	---	6,020	5,530	5,870	12,100	8,730	10,300	20,000	14,700	17,900
6	---	---	---	7,630	5,950	6,480	9,040	8,340	8,850	20,500	18,100	19,300
7	---	---	---	6,080	4,870	5,430	13,900	8,980	11,800	19,400	12,400	15,400
8	---	---	---	6,200	5,130	5,650	14,400	12,100	13,700	25,300	11,800	16,600
9	---	---	---	---	---	---	12,800	6,930	8,870	19,800	12,200	13,800
10	---	---	---	---	---	---	7,980	7,110	7,540	17,200	12,200	15,100
11	8,340	6,530	7,550	---	---	---	8,730	7,500	8,300	19,500	16,500	17,900
12	9,400	6,050	7,480	---	---	---	9,750	8,710	9,090	19,500	17,500	18,400
13	6,950	5,000	5,840	---	---	---	11,000	9,720	9,970	19,000	17,400	18,400
14	9,140	6,660	8,200	---	---	---	11,400	9,680	10,400	18,500	17,500	18,300
15	8,450	7,760	8,170	---	---	---	10,300	8,820	9,760	19,200	17,600	18,200
16	7,890	7,110	7,550	---	---	---	9,200	7,000	8,370	18,800	17,000	18,100
17	7,800	5,520	7,280	---	---	---	8,050	5,890	7,560	18,200	16,500	17,500
18	5,730	4,930	5,220	---	---	---	7,650	5,890	6,640	17,700	16,000	17,200
19	5,760	4,940	5,240	---	---	---	9,190	6,860	8,170	17,600	16,200	17,000
20	5,880	5,120	5,550	---	---	---	9,390	8,380	8,750	17,500	16,200	17,100
21	6,510	5,820	6,080	---	---	---	10,700	8,230	9,330	16,400	14,100	14,900
22	6,500	5,970	6,260	---	---	---	13,900	9,790	11,600	14,800	13,800	14,100
23	6,300	6,110	6,180	---	---	---	15,300	11,000	13,200	14,400	13,700	14,000
24	6,590	5,800	6,260	---	---	---	14,500	11,300	13,000	14,200	12,800	13,700
25	6,660	5,750	6,220	---	---	---	12,100	9,980	11,200	14,900	12,800	13,900
26	6,650	4,880	5,470	---	---	---	11,800	8,940	10,000	16,100	14,400	15,300
27	6,590	4,900	5,420	---	---	---	9,600	8,320	8,840	16,300	13,800	15,100
28	6,210	5,510	5,950	---	---	---	8,660	6,320	7,740	14,800	13,000	13,700
29	---	---	---	---	---	---	7,860	5,310	6,540	13,400	12,700	13,200
30	---	---	---	---	---	---	7,850	4,680	5,740	13,800	13,200	13,400
31	---	---	---	11,900	8,610	10,200	---	---	---	13,400	13,100	13,300
Month	---	---	---	---	---	---	19,300	4,680	9,910	25,300	4,440	15,000

020434750 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, 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	14,300	13,200	13,500	10,900	9,490	10,200	8,540	7,620	8,030	19,600	7,660	12,700
2	14,900	14,300	14,600	10,500	9,730	10,000	8,860	8,240	8,520	25,500	16,900	20,900
3	14,900	13,500	14,300	11,800	9,880	10,700	8,900	8,490	8,660	16,900	13,600	15,400
4	14,900	13,400	14,100	10,800	9,890	10,300	8,770	8,120	8,480	16,500	13,200	15,600
5	14,900	13,200	14,000	11,600	10,500	10,900	8,540	7,570	8,170	14,700	6,970	11,800
6	13,400	11,400	12,400	12,200	9,310	11,000	8,240	7,540	7,660	11,900	7,490	8,510
7	12,100	10,600	11,400	9,310	8,110	8,410	8,500	7,700	8,060	7,870	6,840	7,290
8	14,100	11,400	13,100	8,300	7,520	7,940	8,910	7,910	8,420	9,840	7,190	7,550
9	14,300	13,800	14,000	9,320	7,880	8,510	8,140	7,830	8,010	10,200	7,500	8,240
10	14,200	12,700	13,600	9,830	9,320	9,610	8,720	7,670	7,920	8,740	6,740	7,750
11	13,800	12,500	13,300	10,600	9,740	10,300	8,720	7,720	8,150	6,980	5,710	6,250
12	14,100	12,500	13,500	10,700	10,200	10,600	7,980	7,720	7,880	6,350	4,890	5,830
13	12,500	11,900	12,300	11,800	10,600	11,200	7,970	7,020	7,660	7,840	5,320	7,130
14	13,400	12,100	12,600	11,600	10,300	11,000	7,670	6,950	7,360	9,920	7,490	9,190
15	12,600	11,300	11,900	11,000	9,080	10,300	9,780	7,590	8,960	9,960	7,770	9,020
16	11,500	10,300	11,000	9,150	7,970	8,400	10,300	7,200	8,300	7,770	6,990	7,370
17	11,200	10,400	10,900	8,500	7,970	8,220	7,800	7,180	7,460	7,420	6,660	6,960
18	12,300	11,200	11,600	8,840	8,460	8,640	8,690	7,480	8,130	8,050	7,420	7,660
19	12,300	11,600	12,000	8,750	8,260	8,530	9,640	7,980	8,510	11,600	8,050	9,930
20	12,900	11,800	12,100	8,640	7,760	8,300	11,800	8,820	10,700	11,600	6,930	8,320
21	12,600	11,100	11,800	9,570	8,150	8,860	13,300	10,000	11,100	7,070	6,360	6,840
22	12,400	11,300	11,800	12,000	8,790	9,840	10,200	8,670	9,360	7,670	6,980	7,230
23	12,800	12,000	12,500	12,000	9,020	10,700	8,880	8,370	8,590	10,500	7,650	8,740
24	13,200	12,300	12,700	9,730	8,320	8,990	8,730	8,140	8,380	11,600	10,300	10,900
25	13,200	12,300	12,800	8,520	8,050	8,320	9,110	8,610	8,880	11,400	7,770	9,260
26	18,900	13,100	16,200	8,280	7,760	8,000	9,060	8,710	8,930	7,820	7,190	7,510
27	18,600	15,000	16,100	9,290	7,810	8,280	9,890	8,910	9,150	7,290	6,380	7,050
28	18,800	12,400	14,600	10,100	9,290	9,710	11,600	9,830	10,500	8,360	6,420	7,150
29	12,400	11,100	12,100	10,700	8,470	9,640	14,700	11,600	13,800	8,470	6,830	7,360
30	11,700	9,640	10,800	10,500	8,120	8,950	14,500	11,200	13,100	7,360	6,880	7,050
31	---	---	---	8,370	7,480	7,900	11,200	8,010	9,120	---	---	---
Month	18,900	9,640	12,900	12,200	7,480	9,430	14,700	6,950	8,900	25,500	4,890	9,080

0204347500 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, 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	8,670	7,120	7,800	6,080	5,780	5,920	5,910	4,470	5,180	8,820	4,370	6,560
2	7,770	6,650	7,080	6,050	5,140	5,610	6,050	4,420	5,010	8,820	4,200	5,490
3	7,780	6,880	7,300	5,730	4,840	5,070	4,880	4,330	4,610	4,530	4,180	4,320
4	8,060	7,760	7,880	5,000	3,900	4,530	4,540	3,760	4,020	4,580	4,420	4,520
5	8,020	7,170	7,690	6,060	4,650	5,250	4,300	3,780	4,010	5,030	4,260	4,460
6	7,290	6,440	6,920	6,380	5,680	6,010	4,360	4,160	4,220	5,450	4,100	4,730
7	7,970	6,510	7,400	5,800	5,610	5,690	4,360	4,170	4,250	4,870	4,080	4,420
8	7,440	5,660	6,710	6,530	5,590	6,260	4,210	3,410	3,590	5,080	4,110	4,620
9	6,980	4,850	6,150	6,440	5,680	6,060	4,010	3,460	3,660	4,700	3,870	4,120
10	6,810	5,690	6,370	6,370	5,930	6,230	4,230	3,550	3,870	4,450	3,390	3,700
11	7,430	5,690	7,200	7,370	6,190	6,420	4,130	3,810	3,940	3,540	3,380	3,460
12	7,720	7,290	7,500	9,390	6,730	7,640	3,860	3,700	3,790	3,620	3,510	3,560
13	7,500	7,110	7,270	7,600	5,210	5,750	3,770	3,600	3,690	3,610	3,500	3,550
14	7,720	7,020	7,300	5,730	5,180	5,460	3,870	3,700	3,820	3,580	3,480	3,520
15	8,440	6,970	7,820	5,940	5,510	5,670	3,870	3,420	3,550	4,150	3,530	3,620
16	8,130	6,510	7,120	10,500	5,740	7,560	3,700	3,440	3,560	4,000	2,960	3,410
17	8,680	6,780	7,340	11,100	6,840	9,210	3,710	3,460	3,610	3,640	2,980	3,110
18	9,430	8,400	8,970	6,860	5,730	6,190	3,640	3,370	3,540	3,860	3,150	3,500
19	8,810	7,350	7,720	5,800	5,170	5,490	3,700	3,390	3,550	3,440	2,540	3,220
20	10,200	7,490	8,840	5,580	4,350	4,940	3,880	3,420	3,650	3,390	2,540	3,170
21	7,790	6,690	7,250	4,430	3,230	3,730	3,640	3,270	3,470	3,580	2,950	3,320
22	7,620	6,720	7,160	4,400	2,900	3,380	3,560	3,340	3,440	3,270	2,860	3,100
23	7,550	6,660	7,070	5,480	3,270	4,020	4,130	3,530	3,850	3,120	2,810	2,960
24	6,660	5,500	5,930	4,430	3,400	3,790	3,900	3,350	3,610	3,110	2,640	2,890
25	5,910	4,860	5,370	4,660	4,030	4,430	5,710	3,240	3,840	2,880	2,270	2,500
26	5,560	4,830	5,010	4,830	4,540	4,700	9,770	5,290	8,000	3,320	2,470	3,030
27	7,230	5,560	6,260	4,940	4,720	4,870	9,640	3,780	5,690	2,880	2,200	2,490
28	7,490	6,900	7,220	5,060	4,830	4,930	6,360	4,900	5,480	3,100	2,250	2,560
29	7,370	6,640	7,130	5,020	4,740	4,830	6,440	4,520	5,500	2,940	2,600	2,770
30	7,300	6,250	6,830	5,170	4,570	4,750	5,980	4,240	5,130	2,930	2,300	2,510
31	6,730	5,890	6,140	---	---	---	4,640	4,050	4,370	2,900	2,330	2,690
Month	10,200	4,830	7,090	11,100	2,900	5,480	9,770	3,240	4,240	8,820	2,200	3,610

0204347500 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, 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	2,800	2,710	2,750	2,400	1,880	2,140	3,890	2,920	3,550	4,840	3,980	4,360
2	2,840	2,190	2,700	4,980	2,050	3,420	3,290	2,880	3,070	5,730	4,460	5,200
3	2,750	2,040	2,290	5,070	2,550	3,030	3,260	2,910	3,100	5,210	3,020	3,950
4	2,360	1,960	2,190	5,260	2,260	3,020	5,830	2,880	4,060	3,960	2,830	3,110
5	3,060	2,050	2,620	2,380	2,080	2,240	4,250	3,040	3,250	3,640	2,680	3,120
6	3,210	2,800	3,030	2,390	1,850	2,300	3,440	2,880	3,140	3,690	2,600	3,050
7	3,170	2,890	3,060	2,390	2,080	2,250	3,550	2,780	3,180	2,880	2,250	2,650
8	3,320	3,080	3,180	2,390	2,110	2,250	2,950	2,460	2,700	2,930	2,200	2,410
9	3,310	3,020	3,150	2,400	2,120	2,240	2,990	2,650	2,860	4,400	2,220	3,060
10	3,080	2,900	3,000	2,250	2,060	2,150	2,910	2,690	2,830	19,300	3,090	9,530
11	3,130	2,900	3,000	2,330	2,090	2,230	2,940	2,680	2,780	20,900	10,000	15,900
12	3,130	2,260	2,630	2,270	2,020	2,110	4,640	2,930	3,950	20,800	9,980	15,600
13	2,750	2,350	2,500	2,160	2,040	2,120	3,940	3,070	3,450	19,200	7,700	11,300
14	2,980	2,320	2,690	2,680	2,140	2,250	3,530	3,090	3,270	11,400	8,060	10,000
15	2,910	2,340	2,710	2,720	2,230	2,480	7,930	3,410	5,290	14,400	10,500	11,600
16	2,830	2,540	2,700	2,370	2,150	2,240	7,730	2,760	5,250	14,800	11,600	13,400
17	2,940	1,560	2,340	2,340	2,100	2,220	2,780	2,430	2,490	14,700	11,800	13,100
18	2,950	1,680	2,460	2,410	2,210	2,350	2,460	2,420	2,430	12,000	9,280	10,400
19	2,650	2,150	2,410	2,570	2,190	2,330	2,760	2,430	2,500	11,100	8,770	10,400
20	2,770	1,780	2,270	2,960	2,300	2,640	2,730	2,440	2,500	11,800	8,240	10,700
21	2,830	2,170	2,500	2,440	2,290	2,350	2,950	2,500	2,830	10,900	9,690	10,000
22	2,350	1,980	2,190	2,530	2,240	2,380	3,060	2,640	2,830	---	---	---
23	2,520	2,240	2,410	2,510	2,400	2,460	7,320	3,060	4,540	9,450	8,960	9,270
24	2,430	2,320	2,350	2,680	2,300	2,470	7,060	5,600	6,430	9,480	9,170	9,350
25	2,460	2,300	2,400	2,440	2,350	2,410	6,310	4,160	5,160	9,540	7,680	9,040
26	2,450	2,300	2,380	2,460	2,420	2,440	5,860	3,440	4,380	8,700	7,610	8,170
27	2,440	1,820	2,290	2,580	2,410	2,470	6,700	3,640	5,410	8,700	7,620	8,270
28	2,400	1,830	2,260	2,580	2,420	2,480	8,000	4,330	5,820	8,990	7,880	8,490
29	---	---	---	2,460	2,430	2,450	4,700	3,420	4,080	8,750	7,660	8,250
30	---	---	---	2,500	2,450	2,460	4,440	3,730	4,160	8,360	7,550	8,110
31	---	---	---	3,890	2,370	2,740	---	---	---	8,940	8,270	8,450
Month	3,320	1,560	2,590	5,260	1,850	2,420	8,000	2,420	3,710	---	---	---

020434750 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, 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	9,750	8,580	9,280	11,500	8,690	9,900	---	---	---	---	---	---
2	10,300	8,170	9,580	9,820	8,050	8,980	---	---	---	---	---	---
3	13,600	8,840	11,200	9,890	8,580	9,310	---	---	---	---	---	---
4	15,000	12,300	13,800	12,100	9,890	10,700	---	---	---	---	---	---
5	14,900	12,200	13,900	---	---	---	---	---	---	---	---	---
6	14,000	9,860	11,700	---	---	---	---	---	---	---	---	---
7	15,500	9,880	11,600	---	---	---	---	---	---	---	---	---
8	16,900	13,500	15,400	---	---	---	---	---	---	---	---	---
9	15,600	8,450	12,400	---	---	---	---	---	---	---	---	---
10	9,040	8,330	8,570	---	---	---	---	---	---	---	---	---
11	9,880	8,810	9,410	---	---	---	---	---	---	---	---	---
12	10,600	9,490	9,970	---	---	---	---	---	---	---	---	---
13	9,810	8,730	9,190	13,000	10,700	11,100	---	---	---	---	---	---
14	9,130	7,210	8,360	11,300	10,500	11,000	---	---	---	---	---	---
15	8,890	7,000	8,260	12,600	11,100	11,800	---	---	---	---	---	---
16	10,900	6,910	8,020	14,200	12,000	13,100	---	---	---	---	---	---
17	12,200	10,800	11,800	13,800	12,300	13,000	---	---	---	---	---	---
18	14,100	11,600	12,600	13,500	12,100	12,800	---	---	---	---	---	---
19	14,600	13,000	14,000	12,900	11,900	12,300	---	---	---	---	---	---
20	14,300	11,500	13,500	12,400	11,500	11,900	---	---	---	---	---	---
21	13,100	9,370	10,700	11,800	9,860	10,600	---	---	---	---	---	---
22	11,800	9,820	10,900	10,700	8,650	9,510	---	---	---	---	---	---
23	10,400	8,260	9,130	9,360	7,910	8,600	---	---	---	---	---	---
24	11,300	8,500	9,560	12,100	8,520	10,800	---	---	---	---	---	---
25	11,700	9,740	11,200	11,900	10,300	11,400	---	---	---	---	---	---
26	13,100	9,430	11,500	11,200	9,850	10,800	---	---	---	---	---	---
27	13,400	11,000	12,700	11,600	9,210	10,200	---	---	---	---	---	---
28	13,500	11,400	12,700	12,400	10,500	11,500	---	---	---	---	---	---
29	13,000	11,400	12,400	10,800	9,860	10,500	---	---	---	---	---	---
30	12,700	11,000	12,100	10,500	9,820	10,200	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	16,900	6,910	11,200	---	---	---	---	---	---	---	---	---

0204347500 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, 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	---	---	---	---	---	---	---	---	---	---	---	---

020434750 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, 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	---	---	---	7.6	7.4	7.5	8.0	7.9	8.0	7.9	7.7	7.8
2	---	---	---	7.7	7.4	7.6	8.0	7.8	7.9	8.0	7.7	7.8
3	---	---	---	7.6	7.4	7.4	8.0	7.8	7.9	8.1	7.6	8.0
4	---	---	---	7.5	7.4	7.4	8.0	7.8	7.9	8.2	7.8	8.1
5	---	---	---	7.5	7.4	7.4	8.0	7.9	7.9	8.2	7.9	8.2
6	---	---	---	7.5	7.4	7.4	8.1	7.9	8.0	8.2	8.0	8.1
7	---	---	---	7.4	7.3	7.4	8.0	7.9	8.0	8.2	8.0	8.1
8	---	---	---	7.5	7.3	7.4	7.9	7.9	7.9	8.0	7.8	8.0
9	---	---	---	---	---	---	7.9	7.8	7.9	8.2	7.9	8.0
10	---	---	---	---	---	---	8.1	7.8	7.9	8.2	7.9	8.1
11	7.8	7.8	7.8	---	---	---	8.2	8.0	8.0	8.1	7.9	8.0
12	7.8	7.7	7.7	---	---	---	8.2	8.0	8.1	8.1	8.0	8.0
13	7.7	7.6	7.7	---	---	---	8.2	8.0	8.1	8.1	8.0	8.0
14	7.7	7.6	7.7	---	---	---	8.1	8.0	8.1	8.0	8.0	8.0
15	7.7	7.7	7.7	---	---	---	8.2	8.0	8.0	8.1	7.9	8.0
16	7.7	7.6	7.7	---	---	---	8.2	7.9	8.1	8.1	8.0	8.0
17	7.8	7.6	7.7	---	---	---	8.1	7.9	8.0	8.2	7.9	8.0
18	7.6	7.5	7.6	---	---	---	8.1	7.8	8.0	8.1	8.0	8.0
19	7.6	7.5	7.6	---	---	---	8.1	7.9	8.0	8.0	8.0	8.0
20	7.7	7.5	7.6	---	---	---	8.1	7.9	8.0	8.0	7.9	8.0
21	7.7	7.6	7.6	---	---	---	8.1	7.9	8.0	8.1	7.9	7.9
22	7.7	7.5	7.6	---	---	---	8.0	7.9	8.0	8.1	8.0	8.0
23	7.6	7.5	7.6	---	---	---	8.1	7.8	7.9	8.1	8.0	8.0
24	7.7	7.5	7.6	---	---	---	8.0	7.7	7.9	8.2	7.9	8.0
25	7.7	7.5	7.6	---	---	---	8.1	7.7	7.9	8.2	8.0	8.1
26	7.6	7.4	7.5	---	---	---	8.1	7.8	7.9	8.1	7.9	8.0
27	7.6	7.4	7.5	---	---	---	8.0	7.7	7.9	8.0	7.8	7.9
28	7.6	7.5	7.5	---	---	---	8.1	7.8	8.0	8.0	7.8	7.9
29	---	---	---	---	---	---	8.0	7.8	7.9	8.0	7.8	7.9
30	---	---	---	---	---	---	7.9	7.6	7.8	8.2	7.7	8.0
31	---	---	---	8.0	7.9	8.0	---	---	---	8.1	7.9	8.0
Max	---	---	---	---	---	---	8.2	8.0	8.1	8.2	8.0	8.2
Min	---	---	---	---	---	---	7.9	7.6	7.8	7.9	7.6	7.8

0204347500 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, 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	8.1	7.8	8.0	8.1	7.9	8.0	8.7	8.0	8.4	8.5	7.8	7.9
2	8.1	7.9	8.0	8.2	7.9	8.0	8.5	8.1	8.3	8.1	7.8	7.9
3	8.0	7.8	7.9	8.1	7.8	8.0	8.5	8.2	8.3	8.2	7.8	8.0
4	8.0	7.8	7.9	8.0	7.8	7.9	8.4	8.1	8.3	8.4	7.7	7.9
5	8.0	7.8	7.9	8.0	7.8	7.9	8.4	8.0	8.2	8.8	7.5	8.2
6	8.0	7.8	7.9	7.8	7.7	7.8	8.5	7.9	8.2	8.6	8.2	8.5
7	8.0	7.7	7.9	8.1	7.7	7.9	8.7	8.2	8.5	8.7	8.2	8.5
8	8.1	7.9	8.0	8.2	7.8	8.0	8.6	8.3	8.4	8.7	7.4	8.4
9	8.1	7.9	8.0	8.4	7.9	8.2	8.5	8.1	8.3	8.8	7.2	8.2
10	8.1	7.9	8.0	8.6	7.8	8.5	8.6	8.1	8.5	8.8	7.6	8.7
11	8.0	7.7	7.9	8.6	8.4	8.5	8.6	8.3	8.5	8.8	8.7	8.8
12	8.2	7.7	7.9	8.5	8.3	8.3	8.6	8.2	8.4	8.9	8.5	8.7
13	8.0	7.6	7.8	8.3	8.0	8.2	8.7	8.2	8.5	8.7	8.2	8.6
14	8.0	7.8	7.8	8.2	7.9	8.1	8.8	8.5	8.6	8.6	8.4	8.5
15	7.9	7.6	7.8	8.3	7.9	8.0	8.6	8.5	8.6	8.6	8.2	8.4
16	7.9	7.6	7.8	8.5	7.9	8.2	8.6	8.2	8.5	8.6	8.3	8.5
17	8.0	7.7	7.8	8.6	8.0	8.3	8.6	8.3	8.5	8.6	8.3	8.5
18	8.2	7.8	8.0	8.6	8.1	8.3	8.6	8.3	8.5	8.7	8.3	8.5
19	8.1	7.9	8.0	8.5	7.8	8.3	8.7	8.0	8.4	8.6	8.4	8.5
20	8.0	7.8	7.9	8.7	8.1	8.4	8.6	8.2	8.4	8.6	8.3	8.4
21	7.9	7.7	7.8	8.5	8.2	8.3	8.4	8.1	8.3	8.6	8.3	8.4
22	8.1	7.6	7.8	8.2	8.0	8.1	8.5	7.9	8.3	8.9	8.3	8.7
23	8.2	7.9	8.0	8.0	7.7	7.9	8.5	7.9	8.3	8.8	8.4	8.7
24	8.1	7.8	8.0	8.1	7.7	7.8	8.8	8.0	8.4	8.4	8.2	8.3
25	8.1	7.8	8.0	7.9	7.5	7.7	8.8	8.2	8.6	8.4	8.0	8.2
26	8.1	8.0	8.1	8.2	7.4	7.8	8.6	8.4	8.5	8.6	8.0	8.3
27	8.0	7.8	7.9	8.4	7.7	8.1	8.6	8.3	8.5	8.7	8.3	8.4
28	8.0	7.8	7.9	8.3	7.9	8.0	8.5	7.9	8.3	8.8	8.4	8.5
29	8.1	7.8	7.9	8.3	7.8	8.1	8.5	8.2	8.3	8.6	8.3	8.5
30	8.1	7.8	8.0	8.4	7.9	8.1	8.3	8.1	8.3	8.8	8.2	8.5
31	---	---	---	8.6	7.8	8.2	8.6	8.1	8.3	---	---	---
Max	8.2	8.0	8.1	8.7	8.4	8.5	8.8	8.5	8.6	8.9	8.7	8.8
Min	7.9	7.6	7.8	7.8	7.4	7.7	8.3	7.9	8.2	8.1	7.2	7.9

0204347500 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, 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	8.4	8.6	8.8	8.4	8.7	8.9	8.5	8.8	8.7	8.5	8.6
2	8.8	8.2	8.5	8.7	8.3	8.6	8.7	8.5	8.6	8.5	8.2	8.4
3	8.9	8.4	8.7	8.6	8.4	8.5	8.8	8.5	8.7	8.7	8.0	8.4
4	8.9	8.6	8.8	8.7	8.4	8.5	8.7	8.5	8.6	8.8	8.3	8.5
5	8.8	8.5	8.7	8.8	8.5	8.6	8.8	8.6	8.7	8.8	8.3	8.5
6	8.7	8.5	8.6	8.8	8.5	8.7	8.9	8.4	8.8	8.7	8.5	8.6
7	8.6	8.3	8.5	8.8	8.5	8.7	8.9	8.7	8.8	8.6	8.3	8.5
8	8.6	8.2	8.4	8.7	8.5	8.6	8.7	8.5	8.6	8.5	8.3	8.4
9	8.5	7.9	8.3	8.7	8.3	8.6	8.6	8.5	8.6	8.5	8.2	8.4
10	8.4	7.8	8.1	8.5	8.1	8.4	8.7	8.6	8.6	8.4	8.4	8.4
11	8.6	8.2	8.4	8.8	8.2	8.6	8.7	8.4	8.6	8.5	8.1	8.4
12	8.6	8.2	8.4	8.7	8.4	8.5	8.6	8.4	8.5	8.7	8.0	8.5
13	8.4	7.9	8.3	8.5	8.3	8.4	8.7	8.3	8.5	8.7	8.3	8.5
14	8.7	8.0	8.4	8.7	8.2	8.4	8.7	8.2	8.4	8.8	8.4	8.6
15	8.8	7.8	8.3	8.7	8.0	8.5	8.8	8.5	8.6	8.8	8.6	8.7
16	8.8	7.7	8.6	8.8	8.3	8.6	8.7	8.3	8.5	8.7	8.3	8.4
17	8.6	8.1	8.4	8.6	8.3	8.4	8.7	8.0	8.5	8.4	8.3	8.3
18	8.4	7.9	8.1	8.7	8.5	8.6	8.6	8.4	8.5	8.4	8.3	8.4
19	8.5	7.9	8.2	8.9	8.5	8.7	8.7	8.2	8.5	8.5	8.4	8.4
20	8.5	8.2	8.3	8.9	8.7	8.8	8.6	8.4	8.4	8.4	8.4	8.4
21	8.6	8.1	8.3	8.7	8.4	8.5	8.8	8.4	8.6	8.5	8.3	8.4
22	8.4	8.0	8.2	8.5	8.3	8.4	8.8	8.5	8.7	8.5	8.4	8.5
23	8.5	8.2	8.3	8.5	8.3	8.4	8.6	8.4	8.5	8.6	8.4	8.5
24	8.5	8.3	8.4	8.5	8.3	8.4	8.6	8.4	8.5	8.7	8.5	8.6
25	8.4	8.3	8.3	8.7	8.4	8.6	8.5	8.3	8.4	8.7	8.6	8.6
26	8.5	8.3	8.4	8.8	8.4	8.6	8.4	8.3	8.4	8.6	8.5	8.6
27	8.7	8.3	8.5	8.8	8.1	8.5	8.5	8.3	8.4	8.6	8.4	8.6
28	8.5	8.3	8.4	8.7	8.1	8.5	8.4	8.0	8.3	8.5	8.4	8.4
29	8.5	8.3	8.4	8.9	7.9	8.6	8.5	8.0	8.2	8.4	8.3	8.4
30	8.6	8.2	8.3	9.2	8.4	8.9	8.8	8.0	8.3	8.5	8.4	8.4
31	8.8	8.2	8.5	---	---	---	8.9	8.5	8.7	8.5	8.3	8.4
Max	8.9	8.6	8.8	9.2	8.7	8.9	8.9	8.7	8.8	8.8	8.6	8.7
Min	8.4	7.7	8.1	8.5	7.9	8.4	8.4	8.0	8.2	8.4	8.0	8.3

0204347500 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, 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	8.4	8.3	8.4	8.4	8.0	8.2	7.8	7.2	7.6	8.2	7.9	8.1
2	8.4	8.3	8.4	8.2	7.7	7.9	7.6	7.3	7.5	8.2	8.0	8.1
3	8.4	8.3	8.4	8.0	7.7	7.9	7.6	7.3	7.4	8.1	7.9	8.0
4	8.4	8.3	8.4	8.0	7.8	7.9	7.6	7.4	7.5	8.2	8.0	8.0
5	8.4	8.3	8.3	7.9	7.8	7.9	7.9	7.1	7.4	8.4	8.0	8.2
6	8.4	8.3	8.3	7.8	7.6	7.7	8.0	7.7	7.8	8.3	8.1	8.2
7	8.3	8.3	8.3	7.8	7.6	7.7	8.0	7.9	8.0	8.2	8.1	8.2
8	8.4	8.3	8.3	7.8	7.6	7.7	8.1	7.8	8.0	8.3	8.0	8.2
9	8.4	8.2	8.3	7.9	7.7	7.8	8.2	7.8	8.0	8.5	8.0	8.3
10	8.2	8.2	8.2	7.8	7.6	7.7	8.2	7.8	8.1	8.5	8.1	8.3
11	8.2	8.2	8.2	7.8	7.5	7.7	8.3	8.1	8.2	8.4	8.0	8.2
12	8.4	8.2	8.3	7.9	7.4	7.7	8.2	7.9	8.1	8.2	7.4	7.8
13	8.3	8.2	8.3	8.0	7.6	7.8	8.2	7.9	8.0	8.0	7.3	7.8
14	8.3	8.2	8.2	7.9	7.6	7.7	8.1	7.7	8.0	8.1	7.7	7.9
15	8.2	8.1	8.2	7.9	7.6	7.7	8.1	8.0	8.0	8.1	7.9	8.0
16	8.2	8.1	8.1	7.7	7.5	7.6	8.1	8.0	8.1	7.9	7.8	7.9
17	8.3	8.1	8.2	7.8	7.5	7.5	8.2	8.0	8.1	7.8	7.6	7.7
18	8.3	8.1	8.2	7.7	7.5	7.6	8.2	8.0	8.1	7.8	7.7	7.8
19	8.2	8.0	8.0	7.8	7.5	7.7	8.2	8.1	8.2	8.1	7.7	8.0
20	8.2	8.1	8.2	7.8	7.6	7.7	8.3	8.1	8.2	8.1	7.9	8.0
21	8.2	8.1	8.2	7.7	7.5	7.6	8.3	8.1	8.2	8.1	7.8	8.0
22	8.3	8.1	8.2	7.8	7.4	7.6	8.3	8.0	8.1	8.1	7.6	8.0
23	8.2	7.9	7.9	8.0	7.4	7.6	8.4	8.0	8.1	8.0	7.8	7.9
24	8.0	7.8	7.9	8.0	7.5	7.7	8.5	8.0	8.1	7.9	7.6	7.8
25	8.2	7.9	8.0	7.8	7.4	7.6	8.4	8.2	8.3	8.1	7.5	7.9
26	8.3	8.0	8.1	7.9	7.3	7.6	8.3	8.0	8.2	7.9	7.7	7.8
27	8.5	7.9	8.1	7.7	7.2	7.6	8.2	8.1	8.2	7.8	7.7	7.8
28	8.2	8.0	8.1	7.7	7.0	7.6	8.2	8.0	8.1	7.8	7.6	7.7
29	---	---	---	7.7	7.3	7.5	8.3	8.0	8.1	8.0	7.6	7.7
30	---	---	---	7.9	7.3	7.5	8.2	8.0	8.1	7.9	7.6	7.8
31	---	---	---	8.0	7.5	7.6	---	---	---	8.0	7.6	7.8
Max	8.5	8.3	8.4	8.4	8.0	8.2	8.5	8.2	8.3	8.5	8.1	8.3
Min	8.0	7.8	7.9	7.7	7.0	7.5	7.6	7.1	7.4	7.8	7.3	7.7

020434750 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, 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	8.1	7.7	8.0	---	---	---	---	---	---	---	---	---
2	8.0	7.7	7.9	---	---	---	---	---	---	---	---	---
3	7.9	7.7	7.8	---	---	---	---	---	---	---	---	---
4	8.0	7.8	7.9	---	---	---	---	---	---	---	---	---
5	8.0	7.8	7.9	---	---	---	---	---	---	---	---	---
6	8.0	7.8	7.9	---	---	---	---	---	---	---	---	---
7	8.1	7.7	7.9	---	---	---	---	---	---	---	---	---
8	8.0	7.8	8.0	---	---	---	---	---	---	---	---	---
9	8.0	7.8	7.9	---	---	---	---	---	---	---	---	---
10	8.0	7.7	7.9	---	---	---	---	---	---	---	---	---
11	8.2	7.7	7.9	---	---	---	---	---	---	---	---	---
12	8.2	7.8	8.1	---	---	---	---	---	---	---	---	---
13	8.2	8.0	8.1	8.3	7.8	8.1	---	---	---	---	---	---
14	8.4	8.0	8.1	8.3	7.6	8.0	---	---	---	---	---	---
15	8.2	8.0	8.1	8.4	8.0	8.2	---	---	---	---	---	---
16	8.3	8.1	8.2	8.4	8.2	8.3	---	---	---	---	---	---
17	8.3	8.1	8.3	8.3	8.0	8.2	---	---	---	---	---	---
18	8.3	8.0	8.2	8.3	8.0	8.1	---	---	---	---	---	---
19	8.3	8.0	8.2	8.4	8.0	8.1	---	---	---	---	---	---
20	8.2	7.8	8.1	8.2	7.9	8.1	---	---	---	---	---	---
21	8.2	7.8	8.0	8.4	8.0	8.2	---	---	---	---	---	---
22	8.3	8.1	8.2	8.6	8.2	8.4	---	---	---	---	---	---
23	8.2	7.7	8.2	8.7	8.3	8.6	---	---	---	---	---	---
24	8.3	7.9	8.2	8.7	8.4	8.5	---	---	---	---	---	---
25	8.3	8.1	8.2	8.6	8.2	8.4	---	---	---	---	---	---
26	---	---	---	8.5	8.0	8.3	---	---	---	---	---	---
27	---	---	---	8.8	8.1	8.4	---	---	---	---	---	---
28	---	---	---	8.6	8.2	8.4	---	---	---	---	---	---
29	---	---	---	8.5	7.7	8.3	---	---	---	---	---	---
30	---	---	---	8.3	7.6	8.1	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Max	---	---	---	---	---	---	---	---	---	---	---	---
Min	---	---	---	---	---	---	---	---	---	---	---	---

0204347500 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, 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	---	---	---	---	---	---	---	---	---	---	---	---

0204347500 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, 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	---	---	---	7.0	5.7	6.4	15.8	13.2	14.4	13.9	12.5	13.0
2	---	---	---	9.1	6.8	7.9	15.6	14.5	15.0	14.7	12.0	13.2
3	---	---	---	8.8	7.6	8.1	16.0	14.9	15.3	16.1	14.3	15.0
4	---	---	---	8.0	6.9	7.5	16.2	15.2	15.8	18.9	15.5	16.5
5	---	---	---	8.0	6.6	7.3	15.8	14.5	15.1	20.1	17.2	18.0
6	---	---	---	8.0	7.4	7.8	16.2	13.9	15.1	20.4	18.7	19.2
7	---	---	---	7.7	6.6	7.3	16.3	15.1	15.6	20.1	18.6	19.3
8	---	---	---	8.3	6.8	7.5	17.6	16.2	16.8	18.7	17.5	18.0
9	---	---	---	---	---	---	16.6	14.3	14.9	18.4	17.1	17.7
10	---	---	---	---	---	---	14.9	13.7	14.4	19.6	17.2	18.2
11	7.5	7.1	7.3	---	---	---	15.6	14.3	14.8	20.0	18.6	19.2
12	7.5	6.1	6.9	---	---	---	16.6	15.0	15.7	21.1	19.3	19.9
13	6.1	5.2	5.8	---	---	---	18.2	16.1	17.1	21.6	19.8	20.5
14	6.4	5.3	5.8	---	---	---	18.7	17.6	18.1	20.9	20.2	20.6
15	7.4	5.9	6.5	---	---	---	19.8	18.4	18.8	20.8	19.7	20.1
16	8.5	6.8	7.4	---	---	---	20.2	19.0	19.4	20.6	19.3	19.9
17	9.3	7.9	8.6	---	---	---	19.4	17.4	18.3	21.4	19.6	20.3
18	9.0	7.9	8.5	---	---	---	17.4	15.9	16.8	22.0	20.2	21.1
19	7.9	6.1	6.8	---	---	---	18.6	16.2	17.3	21.8	20.5	21.0
20	6.5	5.8	6.2	---	---	---	18.9	17.7	18.3	21.7	20.0	20.8
21	7.1	5.5	5.9	---	---	---	19.6	18.5	19.0	23.0	20.7	21.3
22	6.6	6.2	6.3	---	---	---	20.0	19.0	19.5	22.2	20.8	21.4
23	7.2	6.6	6.9	---	---	---	21.3	19.4	20.1	21.5	20.6	21.1
24	7.7	6.8	7.2	---	---	---	21.5	20.2	20.8	22.0	20.6	21.2
25	8.2	7.0	7.6	---	---	---	22.6	20.8	21.4	22.9	21.3	22.0
26	8.3	6.0	7.0	---	---	---	21.8	20.2	20.9	24.5	22.7	23.4
27	6.0	4.6	5.5	---	---	---	20.2	17.6	18.8	24.8	22.8	23.7
28	6.2	5.2	5.7	---	---	---	17.9	16.8	17.5	25.1	23.3	24.2
29	---	---	---	---	---	---	17.0	15.0	15.9	24.6	23.8	24.3
30	---	---	---	---	---	---	15.0	12.8	14.3	25.7	23.8	24.3
31	---	---	---	15.0	12.2	12.9	---	---	---	26.1	24.8	25.3
Month	---	---	---	---	---	---	22.6	12.8	17.2	26.1	12.0	20.1

020434750 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, 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	27.3	25.1	26.0	27.6	26.5	27.0	32.3	29.4	30.4	27.2	25.6	26.3
2	27.2	25.9	26.5	28.8	26.9	27.6	32.1	30.6	31.5	25.6	24.0	24.6
3	26.6	25.4	26.1	29.4	27.6	28.4	32.5	30.6	31.5	25.0	24.4	24.6
4	26.1	24.7	25.3	28.7	27.7	28.2	32.5	31.2	31.8	25.4	24.8	25.0
5	25.5	24.2	24.7	28.5	27.6	28.1	31.8	30.9	31.4	26.7	25.1	25.9
6	24.4	23.1	23.7	28.2	26.8	27.6	31.1	30.2	30.6	26.2	25.3	25.8
7	24.0	22.6	23.2	26.8	25.2	25.9	31.2	29.9	30.6	25.3	24.6	25.0
8	25.1	23.2	23.7	25.2	24.2	24.7	30.9	29.7	30.1	25.1	24.6	24.8
9	25.6	23.7	24.4	26.0	24.7	25.2	30.1	29.1	29.6	25.4	24.2	24.7
10	25.6	24.1	24.8	27.3	25.3	26.2	29.9	28.9	29.4	25.6	24.8	25.2
11	25.3	24.4	24.9	28.5	26.4	27.2	29.4	27.2	28.5	25.2	23.0	24.2
12	25.0	24.1	24.7	29.0	27.3	28.1	27.2	25.5	26.1	23.0	22.1	22.5
13	24.7	23.4	24.0	29.5	27.6	28.4	26.4	24.6	25.3	22.4	21.6	22.0
14	24.4	23.5	24.0	29.0	27.6	28.4	26.9	25.1	25.8	22.8	22.1	22.5
15	24.2	22.7	23.4	29.1	28.2	28.6	26.9	25.2	26.0	22.9	22.7	22.8
16	24.9	23.5	24.1	28.9	28.1	28.6	27.2	26.0	26.6	22.8	22.2	22.5
17	26.1	24.0	24.7	30.1	28.2	28.8	27.2	26.3	26.7	23.2	22.1	22.6
18	26.6	24.7	25.3	31.0	28.6	29.2	28.1	26.7	27.4	24.7	22.8	23.4
19	26.4	24.9	25.7	30.3	28.8	29.6	28.7	27.4	27.8	24.8	23.4	24.1
20	26.8	25.2	26.0	30.9	28.8	29.7	28.8	27.6	28.1	24.6	24.0	24.3
21	27.1	26.4	26.8	30.2	29.0	29.7	28.4	27.6	28.0	24.0	22.4	22.8
22	28.9	26.2	27.2	29.8	28.4	28.9	27.9	27.3	27.6	23.4	21.7	22.3
23	28.5	27.2	27.8	28.4	27.5	27.9	27.8	26.7	27.2	23.9	21.8	22.9
24	28.2	27.5	27.8	28.5	27.2	27.8	28.3	26.8	27.5	24.9	23.2	24.0
25	28.1	27.2	27.6	27.9	27.1	27.5	28.9	27.2	27.8	24.7	23.9	24.1
26	27.5	26.9	27.1	28.4	26.8	27.5	28.4	27.5	27.9	23.9	23.1	23.5
27	26.9	26.2	26.6	29.3	27.6	28.4	28.9	27.8	28.3	23.5	22.9	23.1
28	26.8	26.1	26.4	30.2	28.3	29.1	29.0	27.7	28.0	23.7	22.6	23.1
29	27.4	26.3	26.8	29.6	28.6	29.1	29.9	28.4	29.1	23.2	22.2	22.7
30	27.5	26.2	26.9	29.8	28.4	29.1	30.0	28.9	29.3	23.3	21.9	22.3
31	---	---	---	30.2	29.0	29.5	29.2	27.2	28.3	---	---	---
Month	28.9	22.6	25.5	31.0	24.2	28.1	32.5	24.6	28.5	27.2	21.6	23.8

020434750 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, 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	22.4	21.9	22.2	15.8	14.9	15.3	16.2	14.5	15.2	13.3	12.0	12.6
2	22.5	21.7	22.1	16.1	15.2	15.7	16.3	14.4	15.4	13.3	12.0	12.4
3	23.1	21.9	22.3	15.2	12.6	13.8	14.4	13.4	13.7	12.4	11.6	11.9
4	23.7	21.9	22.5	12.7	11.3	12.0	13.6	11.5	12.6	12.6	11.9	12.2
5	23.4	22.0	22.7	11.9	11.1	11.5	11.5	10.7	11.1	13.2	12.5	12.8
6	22.9	22.3	22.5	12.1	11.5	11.8	10.9	10.1	10.5	14.8	13.2	13.9
7	22.7	22.0	22.4	13.2	11.9	12.5	11.2	10.3	10.8	14.6	14.0	14.3
8	22.5	21.4	22.0	15.2	13.2	14.4	10.4	6.6	8.0	15.2	14.2	14.8
9	21.6	20.9	21.3	15.6	14.8	15.2	7.0	5.5	6.6	14.2	12.2	13.2
10	21.8	21.1	21.4	15.9	15.0	15.3	6.7	5.8	6.3	12.6	9.0	10.6
11	22.9	21.4	21.9	16.4	15.2	15.9	7.2	6.0	6.6	9.5	8.6	9.1
12	22.5	21.5	22.0	16.4	15.5	16.1	8.1	6.5	7.3	9.8	9.4	9.6
13	22.0	20.5	21.2	15.5	14.5	14.8	9.0	7.1	7.9	10.5	9.5	10.0
14	20.5	19.1	19.7	15.2	14.3	14.7	9.8	8.5	8.8	11.8	10.0	10.8
15	19.2	18.0	18.5	15.8	15.0	15.3	10.4	9.5	10	12.9	11.4	11.9
16	18.6	17.9	18.3	17.2	15.6	16.5	10.5	9.8	10.1	13.0	11.3	12.5
17	18.8	18.1	18.4	16.8	15.8	16.2	10.5	9.6	10.1	11.6	8.9	9.8
18	19.7	18.8	19.2	15.9	14.1	15.0	10.9	10.3	10.5	9.0	8.3	8.7
19	20.0	19.2	19.5	14.1	12.9	13.6	11.3	10.4	10.7	9.1	8.5	8.8
20	21.1	19.8	20.4	13.0	11.7	12.5	10.4	9.5	9.9	8.8	6.9	7.8
21	20.2	19.1	19.4	11.8	10.6	11.0	10.5	9.5	9.9	7.1	6.4	6.7
22	19.1	18.4	18.7	12.9	11.0	12.1	11.3	10.3	10.6	6.9	6.5	6.8
23	18.6	17.2	18.0	13.0	12.2	12.7	12.2	11.3	11.9	7.1	6.6	6.9
24	17.2	14.1	15.3	12.4	11.9	12.2	12.2	11.6	11.8	7.2	6.6	6.9
25	14.1	11.6	12.6	12.4	11.7	12.1	12.3	11.2	11.6	7.3	6.6	7.1
26	12.2	11.2	11.7	12.9	12.1	12.4	13.0	12.3	12.7	6.6	4.9	5.5
27	12.8	11.8	12.4	13.2	12.6	12.9	12.8	11.7	12.0	5.8	5.0	5.4
28	14.8	12.6	13.9	13.2	13.0	13.1	11.9	11.4	11.7	6.4	5.6	6.0
29	14.2	12.9	13.6	13.3	13.2	13.2	11.9	11.5	11.7	6.0	4.4	5.0
30	13.8	13.3	13.5	14.6	13.3	13.9	11.9	11.3	11.5	4.9	3.9	4.5
31	15.0	13.5	14.1	---	---	---	12.1	11.6	11.9	4.6	3.6	4.1
Month	23.7	11.2	18.8	17.2	10.6	13.8	16.3	5.5	10.6	15.2	3.6	9.4

0204347500 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, 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	4.0	3.6	3.8	9.8	8.6	9.1	17.5	15.3	16.3	22.2	21.1	21.6
2	4.6	3.9	4.2	11.8	9.8	11.0	18.9	16.9	17.7	23.0	21.2	22.0
3	5.3	4.4	4.8	12.4	11.0	11.7	19.6	17.9	18.8	22.3	19.9	21.1
4	5.8	4.5	5.2	12.3	11.0	11.4	19.8	18.0	18.8	19.9	17.7	18.6
5	5.3	3.6	4.4	11.1	9.8	10.3	19.0	17.7	18.3	18.5	17.0	17.9
6	3.6	2.2	2.7	10.1	7.9	8.8	17.8	16.1	16.7	18.5	14.6	17.2
7	3.3	2.5	2.8	8.6	7.6	8.1	16.8	13.2	14.9	14.6	12.7	13.6
8	3.2	2.5	2.8	8.5	7.1	8.0	13.2	11.6	12.4	16.4	12.8	13.9
9	3.0	2.2	2.7	8.6	7.4	7.9	12.9	11.0	12.1	17.8	15.1	16.3
10	3.7	2.4	3.0	9.8	8.0	9.0	13.0	11.5	12.5	21.0	16.6	17.7
11	3.8	2.8	3.4	10.7	9.5	10.0	12.8	11.7	12.4	21.8	18.1	19.5
12	5.3	3.6	4.0	10.9	9.5	10.2	14.5	12.4	13.4	21.8	18.3	19.8
13	6.2	4.5	5.4	11.4	10.1	10.7	15.4	13.6	14.4	22.2	18.9	20.4
14	8.7	6.2	7.4	13.3	11.2	11.9	15.1	14.2	14.5	20.1	18.7	19.3
15	7.0	5.0	5.6	13.9	12.8	13.4	15.6	14.4	15.0	20.5	18.5	19.5
16	5.2	4.3	4.7	14.2	13.4	13.8	15.4	13.0	14.1	21.5	19.8	20.6
17	4.7	3.8	4.3	13.6	10.7	12.1	13.0	11.8	12.2	21.1	19.7	20.6
18	4.9	4.3	4.7	11.2	8.9	9.9	12.1	11.1	11.6	19.7	17.4	18.4
19	4.3	2.8	3.5	10.6	9.2	9.9	13.0	11.5	12.1	18.7	16.8	17.5
20	4.9	3.5	4.2	11.6	10.2	10.8	13.3	11.5	12.5	19.5	17.9	18.6
21	5.9	4.7	5.3	11.2	10.3	10.6	15.7	12.6	13.7	20.2	19.1	19.6
22	7.2	5.8	6.4	12.4	10.5	11.3	16.1	14.2	14.9	20.7	19.1	19.9
23	7.3	6.1	6.7	14.2	11.7	12.7	18.0	15.3	16.4	21.1	19.5	20.2
24	6.8	5.4	6.2	15.2	13.7	14.4	18.6	16.7	17.6	21.6	19.9	20.7
25	7.1	6.3	6.6	15.7	14.4	15.0	20.2	17.9	18.8	23.4	20.8	21.9
26	8.9	7.1	7.7	15.0	13.8	14.4	20.2	18.7	19.5	23.6	21.3	22.3
27	9.6	7.5	8.2	16.4	14.5	15.3	21.3	19.4	20.4	24.5	22.4	23.4
28	9.5	8.4	8.8	17.0	15.6	16.3	21.7	20.7	21.2	25.0	23.3	24.1
29	---	---	---	16.4	15.0	15.7	21.4	20.2	20.8	25.5	24.0	24.6
30	---	---	---	15.5	14.2	14.7	22.0	20.3	21.1	24.8	23.9	24.4
31	---	---	---	15.9	13.8	14.7	---	---	---	25.7	24.1	24.8
Month	9.6	2.2	5.0	17.0	7.1	11.7	22.0	11.0	15.8	25.7	12.7	20.0

0204347500 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, 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	24.4	25.1	27.5	26.7	27.1	---	---	---	---	---	---
2	25.4	24.3	24.7	27.3	26.0	26.6	---	---	---	---	---	---
3	24.6	23.9	24.2	26.9	25.6	26.2	---	---	---	---	---	---
4	24.9	23.5	24.2	26.2	24.9	25.6	---	---	---	---	---	---
5	25.8	24.2	24.9	---	---	---	---	---	---	---	---	---
6	25.7	24.9	25.3	---	---	---	---	---	---	---	---	---
7	26.2	24.9	25.6	---	---	---	---	---	---	---	---	---
8	27.6	25.5	26.2	---	---	---	---	---	---	---	---	---
9	27.6	26.6	27.1	---	---	---	---	---	---	---	---	---
10	26.6	25.6	26.1	---	---	---	---	---	---	---	---	---
11	26.1	24.9	25.4	---	---	---	---	---	---	---	---	---
12	26.4	24.8	25.6	---	---	---	---	---	---	---	---	---
13	25.8	24.8	25.3	29.3	28.2	28.5	---	---	---	---	---	---
14	25.0	22.5	23.7	29.1	27.7	28.1	---	---	---	---	---	---
15	22.5	21.4	22.0	29.0	27.8	28.3	---	---	---	---	---	---
16	24.3	21.2	22.4	28.8	27.8	28.3	---	---	---	---	---	---
17	24.9	22.6	23.2	29.2	27.9	28.3	---	---	---	---	---	---
18	26.5	23.8	24.7	29.2	27.5	28.2	---	---	---	---	---	---
19	27.5	25.7	26.4	30.2	28.4	29.2	---	---	---	---	---	---
20	27.4	26.1	26.8	30.1	28.3	29.3	---	---	---	---	---	---
21	26.8	25.9	26.4	28.3	26.8	27.5	---	---	---	---	---	---
22	26.9	25.4	26.2	26.8	24.5	25.5	---	---	---	---	---	---
23	27.0	25.7	26.3	25.4	23.9	24.6	---	---	---	---	---	---
24	27.2	26.0	26.5	27.0	24.7	25.6	---	---	---	---	---	---
25	27.5	26.1	26.7	27.2	25.9	26.4	---	---	---	---	---	---
26	28.0	26.7	27.2	28.5	26.6	27.2	---	---	---	---	---	---
27	28.4	27.0	27.7	29.2	27.0	27.8	---	---	---	---	---	---
28	28.8	27.1	27.9	29.0	27.2	27.8	---	---	---	---	---	---
29	28.4	27.3	27.9	29.1	27.6	28.3	---	---	---	---	---	---
30	27.9	26.7	27.2	28.7	28.1	28.4	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	28.8	21.2	25.6	---	---	---	---	---	---	---	---	---

0204347500 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, 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	---	---	---	---	---	---	---	---	---	---	---	---

020434750 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, 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	---	---	---	11.9	11.6	11.8	10.6	9.7	10.1	11.0	10.6	10.8
2	---	---	---	11.7	10.9	11.3	10.5	9.8	10.1	11.5	10.8	11.1
3	---	---	---	11.3	11.0	11.1	10.2	9.4	9.9	11.1	10.2	10.8
4	---	---	---	11.3	11.0	11.1	10.1	9.2	9.7	10.8	9.5	10.3
5	---	---	---	11.4	11.1	11.3	10.1	9.6	9.9	10.3	8.9	9.9
6	---	---	---	11.4	11.0	11.2	10.4	9.7	10.0	9.7	8.1	9.2
7	---	---	---	11.3	11.0	11.2	10.2	9.7	10.0	9.6	8.7	9.3
8	---	---	---	11.4	11.0	11.2	9.7	9.4	9.5	9.3	8.9	9.1
9	---	---	---	---	---	---	11.0	9.5	10	10.1	9.0	9.6
10	---	---	---	---	---	---	10.7	9.9	10.3	10.0	9.3	9.6
11	11.9	11.6	11.7	---	---	---	11.0	10.3	10.6	9.4	8.7	9.1
12	11.8	11.4	11.6	---	---	---	10.9	10.2	10.6	9.2	8.5	8.8
13	12.0	11.6	11.8	---	---	---	10.5	10.0	10.2	9.3	8.4	8.8
14	12.2	11.8	11.9	---	---	---	10.1	9.6	9.9	8.9	8.4	8.7
15	12.1	12.0	12.0	---	---	---	10.2	9.4	9.8	9.1	8.2	8.7
16	12.1	11.8	11.9	---	---	---	10.0	9.4	9.7	9.6	8.9	9.2
17	11.8	11.4	11.7	---	---	---	9.6	9.2	9.4	10.2	8.8	9.4
18	11.4	11.2	11.3	---	---	---	10.2	9.3	9.8	9.6	9.1	9.4
19	11.7	11.2	11.5	---	---	---	10.2	9.7	10	9.4	8.9	9.1
20	11.8	11.5	11.6	---	---	---	10.2	9.7	9.8	9.7	8.9	9.3
21	12.1	11.8	11.9	---	---	---	9.9	9.4	9.7	10.2	9.0	9.5
22	12.0	11.5	11.8	---	---	---	10.1	9.0	9.3	10.0	9.2	9.6
23	11.8	11.6	11.7	---	---	---	9.6	8.6	9.1	9.9	9.2	9.5
24	11.8	11.6	11.8	---	---	---	9.4	8.7	9.0	10.1	9.1	9.5
25	11.8	11.5	11.6	---	---	---	9.6	8.3	9.0	9.8	8.8	9.4
26	11.6	11.3	11.4	---	---	---	9.4	8.7	9.0	9.2	8.7	8.9
27	11.9	11.5	11.7	---	---	---	9.5	8.8	9.2	8.9	8.3	8.7
28	11.9	11.7	11.8	---	---	---	10.1	9.2	9.7	9.2	8.4	8.7
29	---	---	---	---	---	---	10.6	9.8	10.2	8.8	8.1	8.5
30	---	---	---	---	---	---	10.8	10.2	10.5	9.3	7.7	8.5
31	---	---	---	11.2	10.6	10.9	---	---	---	8.8	7.8	8.2
Month	---	---	---	---	---	---	11.0	8.3	9.8	11.5	7.7	9.3

0204347500 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, 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	8.5	7.5	8.0	8.2	7.4	7.8	9.1	6.8	7.9	7.5	7.1	7.3
2	8.0	7.4	7.6	8.6	7.5	8.0	---	---	---	8.6	7.0	7.6
3	7.5	7.2	7.4	8.0	7.3	7.6	---	---	---	9.0	6.9	8.0
4	8.0	7.2	7.7	7.9	7.0	7.5	---	---	---	9.5	6.3	7.5
5	7.9	7.4	7.6	7.9	7.1	7.5	7.6	6.3	6.9	10.0	5.5	8.0
6	8.1	7.4	7.8	7.4	7.0	7.2	8.3	5.7	6.9	8.1	7.2	7.8
7	8.3	7.6	7.9	8.4	7.2	7.8	9.0	6.9	7.9	8.8	7.1	8.1
8	8.1	7.3	7.8	8.9	7.8	8.3	8.0	6.6	7.3	8.8	4.8	7.7
9	7.8	7.2	7.5	9.3	8.1	8.7	8.3	6.1	7.1	9.8	4.0	6.5
10	7.8	7.0	7.4	8.9	7.2	8.4	8.5	6.3	7.7	9.5	5.4	8.3
11	7.5	7.0	7.2	8.6	7.8	8.1	8.1	7.1	7.6	8.8	8.0	8.3
12	8.0	7.1	7.5	8.1	7.3	7.7	8.8	7.1	7.9	9.6	7.8	8.5
13	8.2	7.5	7.8	7.7	7.1	7.5	9.9	7.7	8.8	9.4	8.4	8.9
14	---	---	---	7.6	6.9	7.2	10.1	8.4	9.3	8.9	8.3	8.7
15	---	---	---	8.0	6.9	7.3	9.0	8.0	8.4	9.0	7.9	8.5
16	---	---	---	8.3	6.9	7.7	8.3	6.7	7.7	9.0	8.0	8.5
17	---	---	---	8.8	6.9	7.8	8.3	7.1	7.7	9.2	8.1	8.6
18	---	---	---	8.6	7.0	7.7	8.5	7.4	7.9	10.2	8.5	9.1
19	---	---	---	8.1	6.3	7.5	9.0	6.3	7.5	9.3	8.1	8.7
20	---	---	---	8.9	6.7	7.7	8.7	6.8	7.7	8.7	7.8	8.2
21	---	---	---	8.3	7.1	7.6	7.9	6.7	7.3	8.8	7.9	8.4
22	---	---	---	7.7	7.1	7.4	8.0	5.8	7.1	9.5	8.2	8.7
23	8.2	7.3	7.8	7.5	6.5	7.0	8.5	5.9	7.2	9.0	8.1	8.7
24	8.0	7.1	7.5	8.0	6.6	7.2	9.4	6.0	7.8	8.3	7.7	8.0
25	8.0	7.1	7.5	7.7	6.3	7.1	9.9	6.3	8.4	8.2	7.4	7.8
26	7.7	7.2	7.5	8.3	5.8	7.4	8.5	7.2	7.7	8.8	7.3	7.9
27	7.7	7.1	7.3	8.7	6.9	7.9	8.2	6.8	7.7	9.1	7.8	8.4
28	8.2	7.2	7.6	8.1	7.0	7.5	8.1	5.3	7.0	9.5	8.1	8.6
29	8.4	7.5	7.9	8.4	6.8	7.5	8.0	6.9	7.4	8.4	7.1	8.1
30	8.2	7.3	7.8	9.4	7.2	7.8	7.7	6.5	7.1	9.4	6.5	8.1
31	---	---	---	8.8	6.0	7.8	7.5	6.0	6.9	---	---	---
Month	---	---	---	9.4	5.8	7.7	---	---	---	10.2	4.0	8.2

0204347500 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, 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	9.0	7.8	8.5	10.6	9.6	10.2	11.0	9.9	10.6	11.1	10.2	10.7
2	9.4	7.1	8.3	10.2	8.9	9.7	10.3	9.8	10.1	10.6	9.9	10.4
3	9.9	8.1	9.1	10.2	9.5	9.9	11.0	10.0	10.5	11.0	8.7	10.4
4	9.6	8.2	8.9	10.8	10.0	10.4	10.9	10.2	10.7	11.1	9.9	10.6
5	8.9	8.0	8.5	11.0	10.4	10.7	11.3	10.7	10.9	10.9	10.0	10.6
6	8.6	7.4	8.1	11.0	10.5	10.8	11.7	10.4	11.3	10.8	10.0	10.5
7	8.6	7.3	8.0	11.1	10.4	10.8	11.8	11.3	11.6	10.4	9.8	10.1
8	8.9	7.9	8.3	10.7	9.9	10.2	12.5	11.5	12.1	10.1	9.6	9.8
9	9.1	8.0	8.4	10.3	9.1	10.0	12.8	12.3	12.5	10.3	9.4	9.8
10	9.1	7.8	8.5	10.0	8.6	9.5	13.0	12.6	12.9	11.1	10.0	10.6
11	9.3	8.4	8.9	10.6	9.0	9.9	13.0	12.6	12.8	11.1	9.1	10.7
12	9.1	7.8	8.8	10.1	9.4	9.7	13.0	12.2	12.7	11.6	9.2	10.8
13	8.6	6.9	8.4	9.8	9.4	9.6	13.1	11.5	12.6	11.5	10.6	11.1
14	9.3	8.1	8.7	10.4	9.1	9.8	12.9	11.7	12.4	11.8	10.9	11.4
15	9.7	7.2	8.5	10.3	8.3	9.8	12.9	12.2	12.6	11.5	11.0	11.3
16	9.6	6.6	9.0	10.3	9.1	9.7	12.7	11.8	12.4	11.0	10.5	10.7
17	9.3	7.9	8.9	10.0	9.0	9.5	12.6	11.0	12.3	11.3	10.5	11.0
18	9.4	7.7	8.6	10.3	9.6	10	12.4	11.9	12.2	11.4	11.0	11.2
19	9.2	7.7	8.5	10.8	9.9	10.3	12.0	11.3	11.7	11.7	11.3	11.5
20	9.2	8.5	8.7	11.0	10.4	10.7	11.6	11.2	11.4	11.9	11.4	11.7
21	9.3	8.1	8.7	11.2	10.8	11.1	11.8	11.3	11.5	12.1	11.7	11.9
22	9.0	7.6	8.4	11.1	10.7	10.8	11.8	11.1	11.6	12.2	11.9	12.1
23	9.3	8.6	9.0	10.7	10.5	10.6	11.3	10.7	10.9	12.2	11.9	12.1
24	9.9	9.1	9.6	10.9	10.5	10.7	11.1	10.4	10.8	12.5	12.1	12.3
25	10.7	9.8	10.3	11.2	10.7	11.0	11.0	10.4	10.7	12.5	12.2	12.3
26	11.1	10.5	10.7	11.3	10.6	10.9	10.4	10.1	10.2	12.7	12.3	12.5
27	11.0	10.5	10.7	11.3	9.3	10.7	10.7	10.0	10.4	13.0	12.6	12.8
28	10.7	9.9	10.2	11.2	9.1	10.7	10.5	8.8	10	12.8	12.6	12.7
29	10.4	9.8	10.1	11.1	8.6	10.4	10.7	8.6	9.7	13.0	12.6	12.8
30	10.5	9.7	10.1	11.4	9.6	10.9	11.1	8.8	10.1	13.2	12.8	13.1
31	10.7	9.4	10.1	---	---	---	11.3	10.6	11.0	13.4	13.0	13.2
Month	11.1	6.6	9.0	11.4	8.3	10.3	13.1	8.6	11.4	13.4	8.7	11.4

020434750 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, 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	13.4	13.0	13.2	12.7	12.1	12.4	10.7	9.0	10.2	8.8	8.0	8.4
2	13.4	13.2	13.3	12.3	10.6	11.3	10.3	9.1	9.9	8.7	8.4	8.5
3	13.4	13.2	13.3	11.5	10.6	11.1	10.0	9.3	9.6	8.8	8.1	8.5
4	13.4	13.1	13.3	11.3	10.8	11.0	9.8	8.9	9.6	9.2	8.6	8.9
5	13.5	13.2	13.4	11.5	10.7	11.1	9.7	7.9	9.2	9.8	8.9	9.4
6	14.3	13.5	13.9	11.9	11.0	11.6	10.0	9.4	9.7	10.1	9.3	9.6
7	14.1	13.9	14.0	12.2	11.5	11.9	10.4	9.8	10.1	10.8	10.1	10.5
8	14.2	13.9	14.0	12.2	11.6	12.0	11.3	10.1	10.7	10.8	10.0	10.6
9	14.2	14.1	14.1	12.7	11.9	12.2	11.3	10.1	10.9	10.8	10.0	10.4
10	14.2	13.9	14.1	12.3	11.7	12.1	11.5	10.0	10.9	10.6	9.6	10.1
11	14.2	14.0	14.1	12.0	10.9	11.7	11.5	11.0	11.3	10.0	8.9	9.5
12	14.4	14.0	14.1	12.1	10.6	11.7	11.3	10.5	11.0	9.4	7.4	8.4
13	14.2	13.6	13.9	12.1	11.5	11.8	11.0	10.0	10.7	8.8	7.0	8.5
14	13.6	12.1	12.7	11.6	11.2	11.4	10.7	9.1	10.3	9.4	8.2	8.8
15	13.1	12.4	12.9	11.3	10.6	11.0	10.6	9.7	10.2	9.3	8.7	9.1
16	14.0	13.0	13.3	10.8	10.0	10.6	10.5	9.7	10.1	8.9	8.5	8.7
17	13.9	13.3	13.6	11.3	10.3	10.6	11.1	10.4	10.8	8.6	8.1	8.3
18	13.8	13.3	13.6	11.7	10.6	11.2	11.3	11.0	11.1	9.3	8.4	8.9
19	14.2	13.6	14.0	11.9	11.0	11.6	11.2	11.0	11.1	10.0	8.9	9.3
20	14.2	14.0	14.1	11.8	11.4	11.6	11.2	10.9	11.1	9.7	9.2	9.4
21	14.0	13.2	13.6	11.8	11.2	11.5	11.0	10.7	10.8	9.5	8.8	9.2
22	13.4	12.8	13.2	11.8	10.8	11.4	10.8	10.3	10.5	9.5	7.9	9.0
23	12.8	12.2	12.5	11.8	10.5	11.2	10.6	10.0	10.3	9.2	8.6	9.0
24	12.9	12.3	12.6	11.4	10.5	11.1	10.0	9.2	9.5	9.0	7.9	8.5
25	13.0	12.4	12.7	10.8	10.0	10.7	9.5	8.8	9.2	9.3	7.6	8.8
26	12.6	12.3	12.5	11.1	10.1	10.6	9.2	8.2	8.9	9.0	8.6	8.7
27	13.0	12.2	12.5	10.9	9.2	10.5	9.1	8.5	8.8	8.8	8.2	8.5
28	12.7	12.2	12.4	10.7	7.8	9.9	8.7	8.0	8.3	8.6	8.1	8.3
29	---	---	---	10.5	9.8	10.2	9.0	8.1	8.5	---	---	---
30	---	---	---	11.0	10.0	10.4	8.8	8.2	8.5	---	---	---
31	---	---	---	11.2	10.5	10.8	---	---	---	---	---	---
Month	14.4	12.1	13.4	12.7	7.8	11.2	11.5	7.9	10.1	---	---	---

0204347500 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, 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	---	---	---	5.5	4.6	5.2	---	---	---	---	---	---
2	---	---	---	5.1	4.3	4.8	---	---	---	---	---	---
3	---	---	---	6.0	4.0	4.8	---	---	---	---	---	---
4	---	---	---	8.2	6.0	7.6	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	8.6	7.3	8.1	---	---	---	---	---	---	---	---	---
13	8.5	7.8	8.2	7.6	6.0	7.0	---	---	---	---	---	---
14	8.9	7.9	8.4	7.8	5.0	6.7	---	---	---	---	---	---
15	9.1	8.4	8.7	7.9	6.8	7.5	---	---	---	---	---	---
16	9.2	8.8	9.1	7.7	7.0	7.4	---	---	---	---	---	---
17	8.8	7.6	8.5	7.6	6.6	7.2	---	---	---	---	---	---
18	8.9	7.6	8.3	7.8	6.8	7.2	---	---	---	---	---	---
19	8.7	7.1	8.0	8.0	6.7	7.3	---	---	---	---	---	---
20	8.1	6.6	7.7	7.5	6.0	7.1	---	---	---	---	---	---
21	8.4	6.3	7.6	8.1	6.2	7.4	---	---	---	---	---	---
22	8.5	7.8	8.1	8.4	7.4	8.0	---	---	---	---	---	---
23	8.3	7.3	7.9	9.3	7.5	8.4	---	---	---	---	---	---
24	8.3	7.0	7.8	8.9	7.8	8.4	---	---	---	---	---	---
25	8.2	7.2	7.8	8.4	7.3	8.0	---	---	---	---	---	---
26	8.1	6.9	7.6	8.3	6.1	7.5	---	---	---	---	---	---
27	7.9	7.1	7.5	9.2	7.0	8.0	---	---	---	---	---	---
28	7.4	6.3	7.0	8.3	6.5	7.7	---	---	---	---	---	---
29	6.3	5.4	5.8	8.1	5.1	7.2	---	---	---	---	---	---
30	5.8	5.2	5.4	7.2	5.2	6.5	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

0204347500 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, 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	---	---	---	---	---	---	---	---	---	---	---	---

0204347500 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, 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	---	---	---	101	95	98	107	103	105	106	103	104
2	---	---	---	103	95	100	109	101	105	115	103	108
3	---	---	---	101	95	97	106	101	103	115	103	110
4	---	---	---	98	93	95	107	99	102	119	101	111
5	---	---	---	98	93	96	105	99	102	117	103	111
6	---	---	---	98	95	96	109	99	103	113	94	107
7	---	---	---	97	93	95	108	103	105	112	100	107
8	---	---	---	99	92	95	105	101	103	106	99	103
9	---	---	---	---	---	---	111	100	102	113	99	106
10	---	---	---	---	---	---	108	99	104	111	102	108
11	102	99	100	---	---	---	113	104	108	108	100	105
12	100	96	98	---	---	---	115	105	111	110	99	103
13	99	94	96	---	---	---	116	106	110	111	99	105
14	101	96	98	---	---	---	112	105	109	107	100	104
15	104	99	101	---	---	---	113	104	109	108	96	102
16	105	100	102	---	---	---	113	105	109	113	104	108
17	105	101	103	---	---	---	107	98	103	122	103	110
18	101	96	98	---	---	---	109	98	103	117	108	112
19	98	95	96	---	---	---	111	103	107	113	105	109
20	98	95	96	---	---	---	112	106	108	116	105	110
21	101	96	97	---	---	---	112	104	108	125	105	113
22	100	96	98	---	---	---	116	103	106	116	96	100
23	100	97	99	---	---	---	113	98	105	118	108	112
24	101	98	100	---	---	---	111	101	106	121	107	113
25	102	97	100	---	---	---	115	97	106	119	105	113
26	100	94	96	---	---	---	111	100	105	117	107	110
27	98	93	95	---	---	---	104	99	102	113	102	108
28	98	95	96	---	---	---	109	99	104	117	103	109
29	---	---	---	---	---	---	109	102	105	110	102	106
30	---	---	---	---	---	---	109	101	105	117	96	106
31	---	---	---	111	105	107	---	---	---	113	99	105
Month	---	---	---	---	---	---	116	97	105	125	94	108

0204347500 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, 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	112	96	103	108	96	102	128	92	108	96	92	94
2	106	96	100	114	97	106	---	---	---	110	91	98
3	98	94	96	107	96	101	---	---	---	115	88	102
4	104	92	98	106	92	99	---	---	---	121	81	96
5	102	94	97	106	94	100	106	87	96	128	70	103
6	100	92	97	98	92	95	115	78	95	103	91	98
7	103	92	97	107	92	99	125	94	109	110	88	100
8	103	91	97	110	96	103	110	90	100	110	60	96
9	100	89	95	118	100	109	113	82	96	123	50	81
10	99	89	94	116	91	108	115	84	104	119	67	104
11	95	88	92	113	101	106	108	95	101	107	98	102
12	101	90	96	109	96	102	112	90	100	114	91	101
13	103	92	97	104	96	100	126	95	110	111	98	105
14	---	---	---	103	91	97	130	105	117	107	99	103
15	---	---	---	107	92	97	117	100	107	108	95	101
16	---	---	---	111	92	102	107	85	99	107	95	101
17	---	---	---	120	91	104	107	90	99	110	95	102
18	---	---	---	117	93	104	112	95	102	125	102	111
19	---	---	---	111	85	102	119	82	98	114	101	107
20	---	---	---	123	90	105	117	90	103	107	96	101
21	---	---	---	113	96	104	105	90	97	105	93	100
22	---	---	---	104	95	100	105	76	94	114	96	103
23	110	96	103	99	86	93	112	76	94	108	99	104
24	107	94	100	106	87	95	124	78	102	104	94	99
25	107	94	100	101	82	92	131	82	110	101	90	96
26	103	96	100	110	75	96	113	94	101	107	88	96
27	102	93	96	117	90	104	110	89	103	109	94	100
28	107	94	100	111	93	102	109	70	93	115	97	103
29	110	97	103	114	91	101	111	93	102	100	84	96
30	108	95	101	127	96	105	107	89	98	113	76	96
31	---	---	---	120	81	105	99	81	92	---	---	---
Month	---	---	---	127	75	101	---	---	---	128	50	100

0204347500 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, 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	107	92	100	109	98	104	110	103	108	107	102	105
2	111	83	98	105	92	100	105	100	103	103	95	101
3	119	95	107	99	95	97	108	98	103	107	84	100
4	116	96	105	102	95	98	105	100	102	108	97	103
5	107	94	101	103	96	100	104	99	101	109	97	105
6	102	88	96	105	99	102	107	95	103	109	103	107
7	103	86	95	108	99	104	109	104	106	106	99	103
8	104	93	98	107	99	103	105	102	104	104	98	101
9	106	91	98	106	93	102	105	102	104	101	94	98
10	106	90	99	102	88	97	108	104	106	101	97	100
11	111	98	104	111	92	102	108	104	106	102	84	97
12	108	92	103	106	97	102	110	104	107	107	84	100
13	101	81	97	99	94	97	113	97	108	107	99	104
14	105	90	97	105	92	98	115	102	109	113	103	108
15	107	79	93	105	85	100	116	109	114	112	108	110
16	105	73	98	107	98	102	115	107	112	109	102	105
17	102	86	97	105	96	100	114	99	111	103	100	102
18	106	86	96	104	99	101	113	109	111	104	100	102
19	104	86	96	107	97	101	110	102	107	107	102	104
20	104	96	100	105	100	102	104	100	102	105	102	104
21	104	90	97	103	101	102	107	101	104	104	101	103
22	99	84	92	104	101	102	108	101	106	106	104	105
23	100	94	97	103	99	101	106	102	103	105	100	103
24	100	95	97	104	99	101	105	100	102	104	100	102
25	102	96	99	107	101	104	104	99	101	104	101	103
26	105	98	101	108	100	104	101	99	100	102	99	101
27	106	100	103	109	90	103	102	97	99	104	100	102
28	104	99	102	109	88	103	99	84	94	105	101	103
29	103	96	100	108	84	101	101	83	92	102	100	101
30	104	95	100	114	94	108	107	84	96	104	100	102
31	108	92	100	---	---	---	108	102	106	103	101	102
Month	119	73	99	114	84	101	116	83	104	113	84	103

0204347500 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, 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	103	99	101	112	106	108	113	92	105	103	92	97
2	105	101	103	110	99	104	108	98	105	102	97	99
3	106	103	105	108	98	103	109	101	105	99	93	96
4	108	104	105	106	100	102	109	100	105	99	93	96
5	105	103	104	103	97	100	105	84	100	106	94	100
6	105	102	103	103	98	101	105	97	101	104	99	101
7	106	104	105	105	97	101	104	99	101	104	100	102
8	106	104	105	104	100	102	106	96	102	107	100	103
9	106	104	105	110	100	104	107	96	103	113	103	107
10	108	105	106	108	103	106	109	95	103	119	104	110
11	108	106	107	109	98	105	109	104	107	116	102	110
12	113	107	109	110	95	105	110	104	107	111	85	98
13	112	109	111	112	104	107	111	101	106	105	81	98
14	111	104	107	111	104	107	108	90	103	107	92	99
15	105	102	104	108	104	106	106	100	103	107	100	103
16	108	102	104	106	97	103	102	99	100	105	99	101
17	109	103	106	103	98	99	105	99	102	101	94	97
18	108	105	107	104	97	100	106	101	103	103	95	99
19	108	104	106	108	97	103	107	102	104	110	96	102
20	111	107	109	110	103	106	108	102	105	108	101	105
21	111	107	109	107	101	104	111	103	106	109	99	105
22	111	105	108	111	98	106	111	102	106	---	---	---
23	106	102	104	116	98	107	114	102	107	107	97	102
24	105	100	103	115	105	109	107	98	102	105	90	98
25	107	102	105	110	100	107	106	95	101	113	88	104
26	110	103	105	111	99	105	103	91	99	108	100	104
27	114	103	108	109	95	105	102	98	100	108	99	103
28	110	105	108	111	79	102	101	92	96	107	98	102
29	---	---	---	107	100	103	103	91	97	---	---	---
30	---	---	---	111	98	104	102	93	97	---	---	---
31	---	---	---	114	103	107	---	---	---	---	---	---
Month	114	99	106	116	79	104	114	84	103	---	---	---

0204347500 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, 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	---	---	---	72	59	68	---	---	---	---	---	---
2	---	---	---	66	55	61	---	---	---	---	---	---
3	---	---	---	77	51	61	---	---	---	---	---	---
4	---	---	---	105	77	97	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	111	92	103	---	---	---	---	---	---	---	---	---
13	107	98	103	104	80	94	---	---	---	---	---	---
14	108	98	102	106	66	88	---	---	---	---	---	---
15	108	98	103	107	90	100	---	---	---	---	---	---
16	113	102	108	104	94	99	---	---	---	---	---	---
17	110	93	104	104	89	96	---	---	---	---	---	---
18	114	94	105	106	90	96	---	---	---	---	---	---
19	113	92	104	111	90	100	---	---	---	---	---	---
20	107	85	101	103	82	97	---	---	---	---	---	---
21	108	81	97	106	83	97	---	---	---	---	---	---
22	109	99	105	107	94	101	---	---	---	---	---	---
23	108	93	101	117	92	105	---	---	---	---	---	---
24	109	90	101	116	98	107	---	---	---	---	---	---
25	108	93	101	109	94	104	---	---	---	---	---	---
26	107	90	100	111	81	99	---	---	---	---	---	---
27	107	93	100	122	92	106	---	---	---	---	---	---
28	99	85	93	112	85	102	---	---	---	---	---	---
29	85	71	77	109	67	95	---	---	---	---	---	---
30	77	68	71	96	69	87	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

0204347500 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, 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	---	---	---	---	---	---	---	---	---	---	---	---

0204347500 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, 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	---	---	---	13	6.8	8.9	23	3.5	7.2	---	---	---
2	---	---	---	40	5.0	11	4.9	2.3	3.2	---	---	---
3	---	---	---	83	15	36	33	1.9	6.4	---	---	---
4	---	---	---	61	16	35	21	3.2	8.4	---	---	---
5	---	---	---	70	13	37	66	3.4	16	---	---	---
6	---	---	---	37	7.8	13	7.0	2.4	3.4	---	---	---
7	---	---	---	92	18	44	52	3.1	14	---	---	---
8	---	---	---	48	14	22	90	5.7	22	---	---	---
9	---	---	---	---	---	---	59	8.4	31	---	---	---
10	---	---	---	---	---	---	9.7	4.2	6.0	---	---	---
11	11	5.4	6.4	---	---	---	5.4	2.9	3.8	37	3.9	12
12	38	9.5	23	---	---	---	7.2	2.4	3.7	24	4.8	8.0
13	24	13	19	---	---	---	11	3.4	5.4	12	3.6	5.6
14	30	8.4	17	---	---	---	8.3	2.1	3.9	9.0	4.6	5.8
15	13	7.6	9.5	---	---	---	9.8	2.1	3.7	8.3	4.1	5.3
16	13	7.0	8.7	---	---	---	3.4	2.0	2.7	7.7	3.0	5.5
17	43	6.6	16	---	---	---	18	2.6	7.3	7.8	4.0	5.6
18	42	13	21	---	---	---	28	7.7	15	19	4.5	8.6
19	60	15	30	---	---	---	13	4.5	8.1	28	6.4	14
20	15	9.6	12	---	---	---	15	4.2	7.7	27	7.0	13
21	17	8.7	12	---	---	---	12	5.0	7.7	12	5.6	8.2
22	9.2	6.8	7.8	---	---	---	60	7.7	23	18	6.1	10
23	9.8	6.4	7.5	---	---	---	130	7.2	43	15	6.5	9.7
24	27	5.8	13	---	---	---	---	---	---	18	5.4	9.5
25	25	9.2	15	---	---	---	---	---	---	46	5.3	13
26	75	8.3	50	---	---	---	---	---	---	41	6.1	20
27	56	16	32	---	---	---	---	---	---	52	7.4	17
28	56	10	22	---	---	---	---	---	---	13	7.0	9.3
29	---	---	---	---	---	---	---	---	---	21	6.7	8.7
30	---	---	---	---	---	---	---	---	---	11	5.9	7.7
31	---	---	---	5.6	1.7	2.2	---	---	---	14	6.0	8.9
Month	---	---	---	---	---	---	---	---	---	---	---	---

0204347500 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, 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	27	7.2	13	6.1	2.6	3.9	9.4	4.4	6.0	140	7.5	36
2	25	7.9	16	6.8	2.6	3.5	11	4.6	5.9	29	4.9	12
3	38	10	19	18	3.1	5.5	12	4.7	6.8	7.1	4.0	5.4
4	30	9.4	14	10	3.9	5.9	13	5.0	6.5	7.5	3.1	4.1
5	24	12	15	24	5.3	11	9.5	5.3	7.1	18	4.0	6.9
6	21	11	15	16	4.5	9.0	9.5	5.1	6.8	12	7.0	8.9
7	26	12	18	17	5.9	8.8	12	3.7	5.8	12	8.3	9.8
8	26	12	17	---	---	---	8.7	5.0	6.3	11	7.1	8.4
9	22	12	17	---	---	---	7.6	5.0	6.1	9.3	6.4	7.8
10	33	14	21	---	---	---	14	5.2	6.9	11	6.2	8.6
11	27	16	22	8.7	3.4	4.8	20	5.1	9.3	21	8.6	14
12	42	19	26	14	3.6	5.5	11	7.0	8.4	16	9.2	11
13	32	16	27	17	4.5	7.9	9.8	4.7	6.8	11	6.9	8.9
14	200	16	42	8.5	4.0	5.4	13	4.2	7.1	8.7	5.9	7.2
15	---	---	---	7.3	4.5	5.9	13	5.8	8.2	10	6.1	8.1
16	---	---	---	12	5.1	7.8	9.9	4.9	6.8	24	7.2	11
17	---	---	---	9.4	5.0	6.7	10	4.4	7.1	16	6.3	9.2
18	---	---	---	9.2	5.0	6.4	8.1	5.0	5.9	9.0	5.0	6.8
19	---	---	---	13	5.5	8.9	7.5	4.6	5.6	15	4.8	7.1
20	---	---	---	12	6.5	9.0	13	4.8	7.5	19	5.5	10
21	---	---	---	20	7.7	12	24	5.4	9.5	16	7.6	10
22	---	---	---	26	9.2	17	9.4	5.4	6.8	9.9	5.3	7.8
23	9.1	3.5	5.2	21	4.6	9.3	8.7	6.0	7.0	21	4.3	11
24	9.7	2.9	4.5	9.3	5.1	6.9	9.2	6.4	7.6	18	5.9	12
25	6.3	2.7	4.2	9.0	4.8	6.4	8.4	5.4	6.8	24	6.3	9.8
26	37	2.9	8.6	9.7	4.9	6.3	12	5.3	6.8	8.7	5.6	7.3
27	22	4.1	8.7	13	4.4	6.6	11	5.3	7.1	11	6.7	8.2
28	9.5	3.3	4.4	45	3.9	7.5	9.7	5.1	6.5	22	6.7	10
29	6.7	2.8	3.9	22	4.3	6.8	12	4.7	7.4	13	6.5	8.7
30	8.8	2.9	4.2	7.3	4.0	5.2	19	5.3	7.5	10	6.5	7.9
31	---	---	---	11	4.3	6.3	13	4.4	8.2	---	---	---
Month	---	---	---	---	---	---	24	3.7	7.0	140	3.1	9.8

0204347500 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, 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	9.7	5.7	6.9	10	5.7	6.7	49	5.0	23	35	6.4	19
2	10	6.5	7.8	70	5.2	22	49	11	22	65	6.7	25
3	13	6.1	7.8	68	10	27	22	6.8	11	23	4.8	6.7
4	11	6.0	7.4	27	11	17	77	6.9	38	7.8	4.9	6.1
5	11	6.5	8.6	12	6.1	8.7	40	8.6	17	16	4.4	5.3
6	11	6.8	8.3	7.2	4.4	5.6	9.3	7.0	8.2	48	6.0	17
7	11	6.2	7.4	10	5.7	6.7	110	6.9	14	26	5.1	7.7
8	20	7.6	12	18	4.5	7.5	130	18	56	37	11	23
9	16	8.4	10	17	4.8	7.7	18	12	15	60	11	28
10	13	7.3	9.3	13	4.5	5.4	18	9.5	14	57	15	31
11	9.5	3.4	5.4	6.8	4.0	5.1	9.7	8.2	8.9	15	5.7	9.3
12	12	5.1	6.6	56	3.6	17	36	6.9	9.1	11	5.0	7.2
13	14	4.8	6.7	57	6.8	20	9.5	6.7	7.6	8.1	5.1	6.2
14	7.7	4.4	5.6	12	4.9	6.7	12	5.8	6.8	6.4	5.0	5.6
15	9.4	3.4	4.6	6.7	4.0	5.0	6.5	4.7	5.3	20	5.2	8.8
16	11	3.4	5.8	59	4.5	21	5.7	4.6	5.1	53	7.7	22
17	9.0	4.3	5.7	32	4.3	11	5.6	4.2	4.9	76	19	43
18	11	3.6	5.1	61	4.9	16	5.3	4.3	4.8	20	11	14
19	26	3.9	5.4	8.7	6.1	7.2	19	4.3	10	52	13	23
20	17	3.7	7.5	22	6.0	12	29	8.4	15	58	16	28
21	18	4.8	7.1	120	17	63	24	4.5	8.1	40	10	17
22	6.2	4.3	5.3	180	17	67	46	4.2	8.8	22	9.4	14
23	49	5.0	12	50	14	28	74	4.7	13	15	9.5	11
24	36	12	22	47	17	25	27	4.2	9.8	12	8.5	9.8
25	25	10	17	19	11	13	110	6.9	22	36	8.1	13
26	16	6.7	11	16	8.5	11	47	11	20	52	15	27
27	18	6.1	8.0	12	6.3	8.2	73	7.9	20	34	11	22
28	58	10	22	9.0	5.7	7.1	38	2.9	6.0	47	8.4	19
29	30	7.0	14	10	4.5	5.6	4.6	3.3	3.7	56	17	33
30	10	5.6	7.0	8.4	3.9	5.0	3.9	3.0	3.4	49	13	26
31	12	6.1	7.0	---	---	---	6.7	2.8	3.2	71	11	29
Month	58	3.4	8.9	180	3.6	16	130	2.8	13	76	4.4	18

0204347500 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, 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	16	10	12	38	7.5	12	23	4.3	6.8	13	5.4	7.7
2	31	11	15	42	7.7	24	24	5.2	10	28	8.0	17
3	28	17	21	24	6.5	10	7.1	4.7	5.4	22	7.5	13
4	50	14	28	24	8.7	14	56	4.5	15	15	9.0	12
5	42	20	30	49	13	23	27	5.6	9.3	12	5.6	8.8
6	36	15	24	62	11	31	20	5.1	10	97	5.6	52
7	39	14	26	42	11	20	56	4.4	24	180	56	93
8	20	12	16	42	10	23	23	6.1	15	100	16	55
9	24	11	16	15	8.7	11	20	4.5	6.9	34	12	19
10	18	9.3	14	10	5.9	7.9	19	4.0	5.3	20	5.3	12
11	14	9.9	12	31	5.4	11	5.9	4.4	4.8	11	4.8	6.4
12	18	8.2	10	12	6.7	9.1	16	5.0	9.6	7.8	3.3	5.3
13	11	7.9	9.4	13	6.6	8.0	16	4.7	8.0	60	4.7	20
14	52	11	29	12	5.6	7.8	8.1	4.0	5.3	13	4.5	8.0
15	44	15	28	15	5.9	9.0	50	8.1	22	30	4.7	13
16	35	15	21	36	9.9	21	89	14	38	41	12	28
17	31	12	19	39	14	27	52	17	33	30	8.0	13
18	57	11	23	30	10	19	53	18	35	88	8.1	32
19	57	19	30	36	8.7	16	27	15	21	14	6.1	9.5
20	40	18	27	37	9.2	18	36	11	22	23	7.5	12
21	23	10	15	26	9.4	14	13	5.7	8.5	14	5.6	8.1
22	55	8.4	19	21	8.1	11	13	5.0	7.0	13	4.3	7.8
23	50	22	36	12	6.1	7.7	22	4.7	8.2	14	5.3	7.0
24	50	16	34	9.2	6.2	7.7	32	4.7	15	28	3.9	6.0
25	61	12	19	34	5.9	16	15	4.8	7.7	17	3.2	6.5
26	25	8.9	12	28	9.6	15	15	5.9	9.2	16	4.5	7.4
27	9.0	6.9	7.9	26	6.4	17	35	9.8	19	19	6.0	10
28	25	7.8	14	20	6.2	11	21	6.1	11	18	4.8	8.7
29	---	---	---	22	10	15	21	6.1	9.2	9.7	4.3	7.5
30	---	---	---	14	7.3	11	12	6.0	8.2	23	3.6	5.8
31	---	---	---	12	5.6	8.1	---	---	---	14	3.5	6.9
Month	61	6.9	20	62	5.4	15	89	4.0	14	180	3.2	17

0204347500 CURRITUCK SOUND AT US HIGHWAY 158 NR POINT HARBOR, 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	20	2.8	7.9	7.2	3.4	4.8	---	---	---	---	---	---
2	15	3.9	7.7	5.0	2.7	3.3	---	---	---	---	---	---
3	32	5.0	14	3.8	2.5	3.1	---	---	---	---	---	---
4	52	5.9	17	8.7	2.7	4.5	---	---	---	---	---	---
5	20	4.5	9.3	---	---	---	---	---	---	---	---	---
6	8.6	4.4	6.3	---	---	---	---	---	---	---	---	---
7	17	3.9	7.9	---	---	---	---	---	---	---	---	---
8	16	3.6	7.6	---	---	---	---	---	---	---	---	---
9	16	4.8	8.8	---	---	---	---	---	---	---	---	---
10	8.4	3.4	5.4	---	---	---	---	---	---	---	---	---
11	7.9	3.4	4.5	---	---	---	---	---	---	---	---	---
12	16	3.4	4.6	---	---	---	---	---	---	---	---	---
13	12	3.6	5.3	9.6	2.8	4.1	---	---	---	---	---	---
14	9.8	4.1	5.6	5.8	2.7	4.1	---	---	---	---	---	---
15	9.3	4.0	5.5	9.4	2.9	4.3	---	---	---	---	---	---
16	7.9	3.7	4.9	8.3	4.0	5.7	---	---	---	---	---	---
17	5.7	2.0	3.6	14	6.1	7.7	---	---	---	---	---	---
18	5.4	2.1	2.9	13	7.2	11	---	---	---	---	---	---
19	5.1	2.2	3.0	21	11	13	---	---	---	---	---	---
20	9.2	2.7	4.1	24	8.0	14	---	---	---	---	---	---
21	8.7	2.5	3.4	35	13	17	---	---	---	---	---	---
22	8.2	2.9	4.1	---	---	---	---	---	---	---	---	---
23	4.2	2.1	2.9	---	---	---	---	---	---	---	---	---
24	6.5	2.4	3.1	---	---	---	---	---	---	---	---	---
25	9.4	2.5	3.9	---	---	---	---	---	---	---	---	---
26	7.2	2.6	3.8	---	---	---	---	---	---	---	---	---
27	14	2.7	5.6	---	---	---	---	---	---	---	---	---
28	19	3.6	7.4	---	---	---	---	---	---	---	---	---
29	19	4.8	9.5	---	---	---	---	---	---	---	---	---
30	7.2	3.2	4.8	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	52	2.0	6.1	---	---	---	---	---	---	---	---	---