

Water-Data Report 2007

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, NC

Albemarle-Chowan Basin
Albemarle Subbasin

LOCATION.--Lat 36°20'34", long 75°57'15" referenced to North American Datum of 1927, Currituck County, NC, Hydrologic Unit 03010205, on west bulkhead of the Intracoastal Waterway to North River and 0.2 mile south of Coinjock.

DRAINAGE AREA.--Indeterminate.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--

DISCHARGE: February 1998 to July 1999. December 2005 to September 2007 (discontinued).

GAGE HEIGHT: February 1998 to July 1999. December 2005 to September 2007 (discontinued).

GAGE.--Water-stage recorder and acoustic velocity meter. Datum of gage is 10.45 ft below North American Vertical Datum of 1988. Prior to December 8, 2005 datum of gage at NGVD of 1929. Satellite telemetry at station.

REMARKS.--Discharge and gage-height 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. 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 discharge, 15,300 ft³/s, August 28, 1998; maximum gage height, 2.91 ft August 28, 1998; minimum discharge, -13,400 ft³/s, January 18, 2006; minimum gage height, 8.03 ft, May 8, 2007.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 14,100 ft³/s, May 6; maximum gage height, 11.89 ft, November 16; minimum discharge, -11,200 ft³/s, October 28; minimum gage height, 8.03 ft, May 8.

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, NC—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

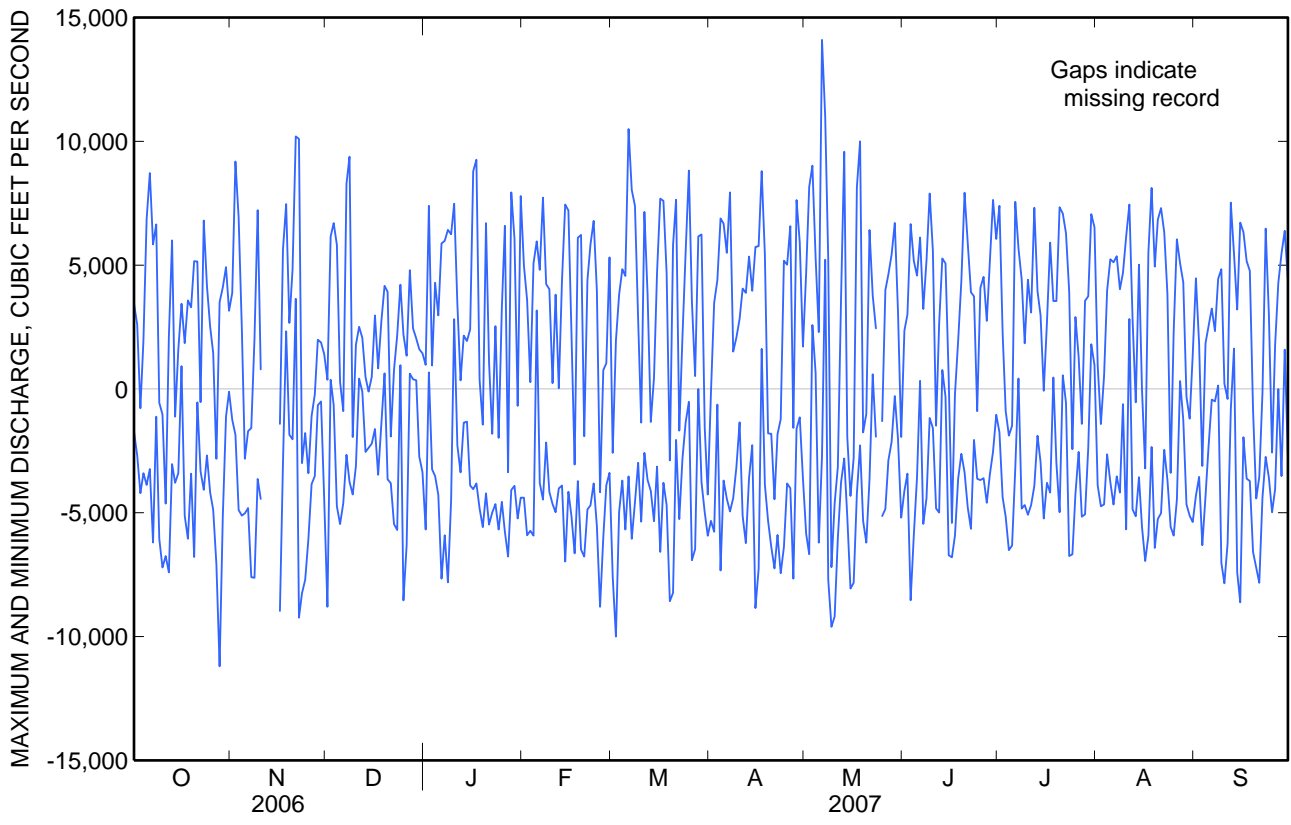
Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
1	3,450	-1,710	3,880	-1,240	371	-8,800	976	-5,680	4,990	-4,390	-2,580	-7,590
2	2,610	-2,680	9,190	-1,850	6,160	371	7,400	669	3,590	-5,910	1,950	-10,000
3	-778	-4,210	6,920	-4,890	6,700	-644	950	-3,250	280	-5,730	3,810	-4,970
4	1,960	-3,400	2,440	-5,110	5,820	-4,740	4,290	-3,520	5,080	-5,920	4,840	-3,700
5	6,870	-3,870	-2,820	-5,020	281	-5,460	2,970	-4,280	5,960	3,170	4,570	-5,680
6	8,720	-3,230	-1,700	-4,810	-893	-4,620	5,880	-7,660	4,810	-3,800	10,500	-3,530
7	5,840	-6,200	-1,580	-7,600	8,290	-2,660	5,980	-5,910	7,730	-4,470	8,040	-6,050
8	6,650	-1,120	2,020	-7,630	9,380	-3,750	6,430	-7,810	4,240	-2,160	7,400	-4,580
9	-560	-6,050	7,220	-3,630	-1,940	-4,260	6,250	-4,490	4,030	-4,160	2,780	-2,980
10	-1,030	-7,210	793	-4,440	1,790	-3,120	7,480	2,820	235	-4,650	-1,360	-5,360
11	-4,630	-6,750	---	---	2,510	418	3,450	-2,280	3,810	-4,980	7,150	-2,580
12	2,120	-7,410	---	---	2,070	-106	347	-3,370	32	-4,020	3,800	-3,680
13	6,000	-3,030	---	---	481	-2,540	2,160	-1,360	4,390	-3,900	-1,330	-4,120
14	-1,120	-3,790	---	---	-106	-2,380	1,940	-1,320	7,450	-6,970	451	-5,340
15	1,590	-3,400	---	---	489	-2,210	2,410	-3,900	7,210	-4,150	4,690	-3,140
16	3,440	926	-1,410	-8,970	2,970	-1,620	8,790	-4,050	2,300	-5,130	7,690	-6,580
17	1,850	-5,120	5,620	-3,030	835	-3,470	9,260	-3,820	-3,050	-6,640	7,600	-3,790
18	3,580	-6,050	7,470	2,330	2,730	-1,410	369	-4,830	6,110	-3,720	4,670	-4,690
19	3,300	-3,420	2,670	-1,850	4,170	629	-1,440	-5,580	6,220	-6,490	-2,880	-8,570
20	5,160	-6,790	4,830	-2,030	3,930	-3,650	6,700	-4,220	-1,910	-6,770	5,810	-8,240
21	5,150	-536	10,200	3,640	-1,920	-3,810	1,090	-5,480	4,400	-4,870	7,640	-2,060
22	-536	-3,330	10,100	-9,240	766	-5,460	-1,810	-4,990	5,840	-4,700	-1,680	-5,260
23	6,800	-4,070	-2,990	-8,250	2,170	-5,700	2,540	-4,650	6,790	-3,820	2,130	-2,810
24	4,150	-2,680	-1,780	-7,710	4,210	957	-1,970	-5,680	3,970	-5,540	5,560	-1,340
25	2,510	-4,180	-3,400	-6,060	2,200	-8,540	3,270	-4,560	-4,170	-8,800	8,820	-522
26	1,450	-4,880	-1,090	-3,840	1,340	-6,310	6,590	-5,770	763	-6,010	3,520	-6,920
27	-2,820	-7,080	-220	-3,520	4,800	614	-3,360	-6,770	1,040	-3,890	520	-6,470
28	3,510	-11,200	1,990	-656	2,450	388	7,940	-4,080	5,320	-3,390	6,160	-2.0
29	4,100	-5,160	1,880	-508	2,040	352	6,080	-3,910	---	---	6,240	-3,770
30	4,920	-1,120	1,400	-4,500	1,610	-2,740	-676	-5,230	---	---	-1,550	-4,980
31	3,160	-108	---	---	1,440	-3,360	7,790	-4,390	---	---	-4,260	-5,930
Month	8,720	-11,200	---	---	9,380	-8,800	9,260	-7,810	7,730	-8,800	10,500	-10,000

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, NC—Continued

DISCHARGE, CUBIC 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	-142	-5,330	4,690	-5,850	2,360	-4,110	7,400	-1,750	968	-3,890	4,470	-4,310
2	3,480	-5,770	8,160	-6,670	3,010	-3,420	2,260	-4,380	-1,420	-4,740	1,810	-3,550
3	4,390	-628	9,020	2,580	6,660	-8,530	-884	-5,160	534	-4,660	-3,110	-6,310
4	6,890	-7,330	5,320	652	5,170	-5,890	-1,880	-6,510	3,980	-2,640	1,850	-4,330
5	6,680	-3,700	2,300	-6,210	4,580	-3,550	-1,480	-6,320	5,240	-3,760	2,540	-2,320
6	5,500	-4,430	14,100	-2,710	6,120	326	7,560	-3,210	5,120	-4,670	3,250	-428
7	7,940	-4,950	11,000	5,220	3,230	-5,450	5,680	424	5,360	-3,530	2,340	-500
8	1,510	-4,410	5,220	-7,710	5,180	-4,420	4,430	-4,830	4,030	-4,180	4,450	140
9	2,080	-3,160	-7,190	-9,610	7,900	-1,170	1,850	-4,690	4,690	-612	4,840	-7,020
10	2,830	-1,350	-4,620	-9,190	5,590	-1,580	4,410	-5,080	6,160	-5,670	214	-7,850
11	4,060	-5,120	-3,150	-6,030	-1,480	-4,820	3,090	-4,690	7,450	2,830	-405	-6,240
12	3,880	-6,230	3,650	-3,780	2,600	-4,990	7,320	-3,920	2,830	-4,860	7,530	-845
13	5,350	-3,600	9,580	-2,810	5,270	767	3,950	-1,890	-535	-5,140	5,460	1,630
14	3,970	-2,270	-1,930	-5,160	5,070	-317	2,980	-2,950	5,020	-3,560	3,210	-7,410
15	5,740	-8,850	-4,320	-8,060	412	-6,720	-73	-5,230	-37	-5,570	6,720	-8,620
16	5,770	-7,270	-2,780	-7,830	-5,410	-6,800	2,700	-3,790	-3,210	-6,950	6,340	-1,950
17	8,800	1,620	8,150	-4,230	-218	-5,920	5,910	-4,180	5,520	-5,930	5,170	-3,620
18	5,420	-3,870	10,000	-2,280	1,950	-3,620	3,550	466	8,120	-2,340	4,770	-3,720
19	-1,790	-5,330	-1,750	-5,330	4,370	-2,620	3,550	-2,990	4,940	-6,420	-851	-6,580
20	-1,810	-6,380	-1,000	-6,210	7,930	-3,360	7,340	-4,980	6,840	-5,250	-4,420	-7,220
21	-4,450	-7,250	6,420	-3,650	5,890	-4,790	7,090	552	7,310	-5,020	-3,550	-7,830
22	-1,820	-5,900	3,780	592	3,910	-5,650	6,290	-556	6,330	-2,460	-146	-4,380
23	-1,220	-7,440	2,450	-1,930	3,740	-2,060	3,930	-6,750	3,830	-3,670	6,480	-2,740
24	5,180	-6,380	---	---	-891	-3,630	-2,430	-6,680	-3,390	-5,570	3,020	-3,580
25	5,020	-3,820	-1,300	-5,130	4,090	-3,680	2,910	-4,240	2,320	-5,920	-2,570	-4,980
26	6,580	-4,010	3,990	-4,850	4,530	-3,600	1,300	-2,540	6,050	-4,480	1,780	-4,050
27	-1,570	-7,660	4,630	-2,880	2,750	-4,600	-1,410	-5,160	5,080	322	4,290	-2.1
28	7,630	-1,610	5,430	-2,140	5,130	-3,460	3,560	-5,060	4,310	-1,240	5,470	-3,520
29	5,920	-1,150	6,710	-286	7,640	-2,530	3,750	-2,390	-316	-4,660	6,390	1,590
30	1,710	-3,630	3,120	-2,010	6,060	-1,040	7,060	1,810	-1,200	-5,120	4,360	-2,740
31	---	---	-1,940	-5,200	---	---	6,530	968	1,370	-5,370	---	---
Month	8,800	-8,850	---	---	7,930	-8,530	7,560	-6,750	8,120	-6,950	7,530	-8,620

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, NC—Continued



0204343500 INTRACOASTAL WATERWAY AT COINJOCK, NC—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

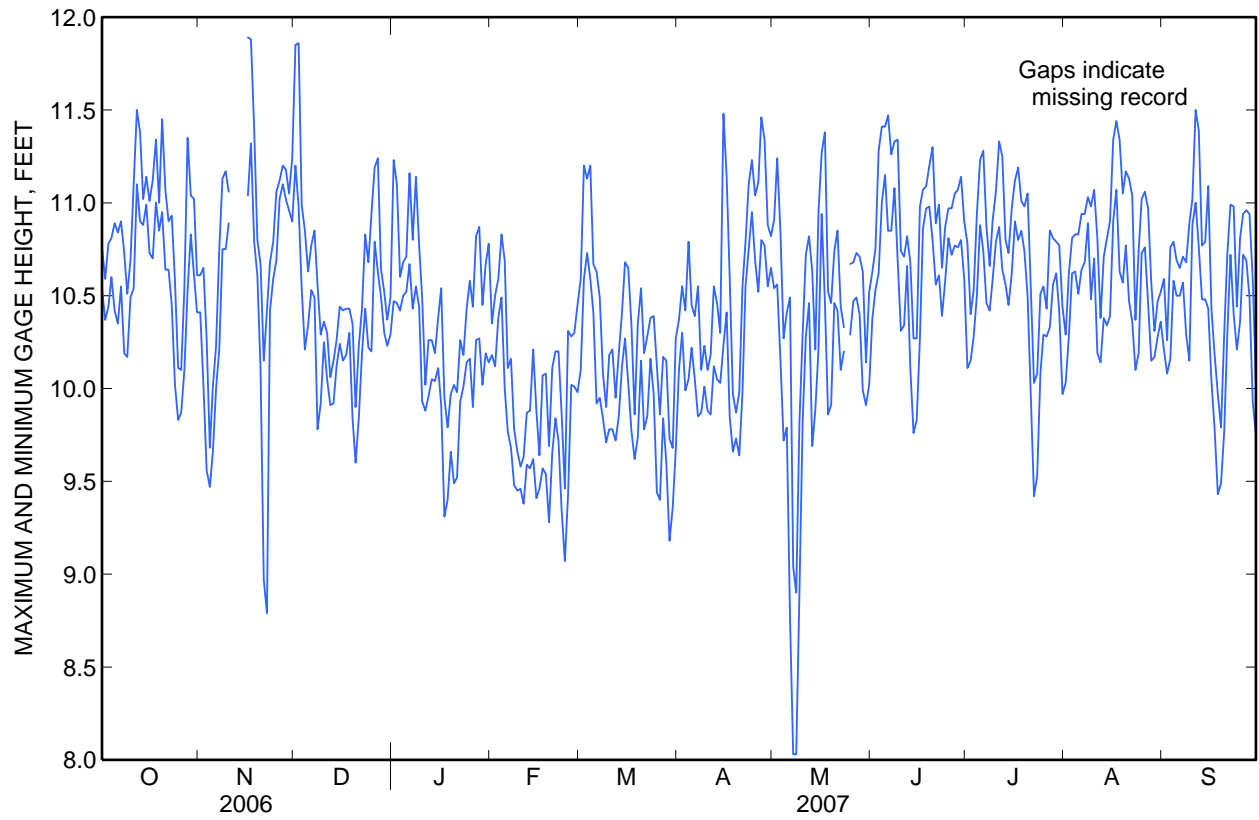
Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
1	10.76	10.54	10.61	10.41	11.85	11.20	11.23	10.47	10.35	10.18	10.59	10.10
2	10.59	10.37	10.65	10.02	11.86	10.98	11.10	10.46	10.50	10.12	11.20	10.59
3	10.78	10.44	10.27	9.56	10.99	10.54	10.60	10.42	10.59	10.38	11.13	10.73
4	10.81	10.60	9.68	9.47	10.85	10.21	10.68	10.50	10.83	10.49	11.20	10.59
5	10.89	10.42	10.01	9.66	10.63	10.34	10.71	10.52	10.69	10.00	10.67	10.41
6	10.84	10.35	10.23	10.00	10.77	10.53	11.16	10.67	10.11	9.77	10.63	9.92
7	10.90	10.55	10.75	10.21	10.85	10.49	10.80	10.43	10.16	9.68	10.49	9.95
8	10.73	10.19	11.13	10.75	10.56	9.78	11.14	10.55	9.78	9.48	10.08	9.84
9	10.51	10.17	11.17	10.75	10.29	9.92	10.77	10.44	9.66	9.45	9.90	9.71
10	10.69	10.49	11.06	10.89	10.36	10.25	10.49	9.93	9.58	9.46	10.18	9.78
11	11.10	10.54	---	---	10.30	10.05	10.02	9.88	9.63	9.38	10.21	9.78
12	11.50	11.10	---	---	10.06	9.91	10.26	9.96	9.87	9.59	9.95	9.72
13	11.38	10.90	---	---	10.15	9.92	10.26	10.05	9.88	9.57	10.19	9.85
14	11.02	10.88	---	---	10.26	10.12	10.19	10.04	10.21	9.62	10.41	10.12
15	11.14	10.99	---	---	10.44	10.24	10.38	10.11	9.88	9.41	10.68	10.27
16	11.01	10.73	11.89	11.04	10.42	10.15	10.54	9.91	9.64	9.46	10.65	10.03
17	11.12	10.70	11.88	11.32	10.43	10.18	9.95	9.31	10.07	9.57	10.34	9.77
18	11.34	11.00	11.40	10.79	10.43	10.30	9.79	9.40	10.08	9.54	9.86	9.62
19	11.00	10.85	10.80	10.61	10.35	9.84	9.97	9.66	9.69	9.28	10.35	9.74
20	11.45	10.95	10.67	10.10	9.90	9.60	10.02	9.49	10.11	9.65	10.54	10.15
21	11.07	10.64	10.15	8.97	10.23	9.84	9.98	9.52	10.20	9.84	10.19	9.78
22	10.90	10.64	10.42	8.79	10.43	10.19	10.26	9.93	10.20	9.72	10.28	9.85
23	10.93	10.45	10.68	10.42	10.83	10.43	10.18	10.01	9.86	9.34	10.38	10.16
24	10.58	10.02	10.79	10.59	10.68	10.22	10.43	10.14	9.46	9.07	10.39	9.97
25	10.11	9.83	11.06	10.69	10.94	10.20	10.58	10.16	10.31	9.43	10.12	9.44
26	10.10	9.87	11.12	11.02	11.19	10.79	10.44	9.90	10.28	10.02	9.86	9.40
27	10.54	10.10	11.20	11.10	11.24	10.63	10.82	10.26	10.30	10.01	10.17	9.84
28	11.35	10.53	11.18	11.02	10.64	10.49	10.87	10.27	10.45	9.98	10.15	9.60
29	11.04	10.83	11.05	10.96	10.52	10.30	10.45	10.02	---	---	9.73	9.18
30	11.02	10.61	11.24	10.90	10.37	10.23	10.67	10.19	---	---	9.68	9.36
31	10.61	10.41	---	---	10.49	10.29	10.78	10.14	---	---	10.27	9.67
Month	11.50	9.83	---	---	11.86	9.60	11.23	9.31	10.83	9.07	11.20	9.18

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, 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	10.37	10.10	10.91	10.54	10.63	10.38	10.78	10.11	10.29	10.03	10.59	10.21
2	10.55	10.30	11.24	10.56	10.75	10.53	10.40	10.15	10.62	10.28	10.26	10.08
3	10.42	9.99	10.85	10.16	11.28	10.62	10.53	10.28	10.81	10.62	10.76	10.16
4	10.79	10.05	10.27	9.72	11.41	11.00	10.94	10.50	10.83	10.63	10.79	10.58
5	10.45	10.22	10.41	9.79	11.41	11.15	11.23	10.88	10.83	10.51	10.69	10.50
6	10.39	10.05	10.49	8.77	11.47	10.85	11.28	10.74	10.94	10.64	10.65	10.50
7	10.55	9.85	9.04	8.03	11.26	10.85	10.87	10.46	10.94	10.68	10.71	10.57
8	10.10	9.87	8.90	8.03	11.33	11.08	10.66	10.42	11.03	10.89	10.68	10.29
9	10.23	10.01	9.82	8.90	11.34	10.69	10.91	10.59	10.98	10.48	10.89	10.15
10	10.10	9.88	10.29	9.82	10.74	10.31	11.06	10.79	11.07	10.70	11.02	10.88
11	10.18	9.86	10.72	10.28	10.71	10.34	11.33	10.87	10.81	10.19	11.50	11.00
12	10.55	10.12	10.82	10.46	10.82	10.66	11.25	10.64	10.38	10.14	11.39	10.76
13	10.46	10.05	10.63	9.69	10.68	10.11	10.80	10.56	10.71	10.38	10.77	10.48
14	10.30	10.03	10.21	9.88	10.27	9.76	10.73	10.45	10.81	10.34	10.79	10.48
15	11.48	10.23	10.95	10.21	10.27	9.83	10.97	10.62	10.90	10.39	11.09	10.43
16	11.14	10.41	11.27	10.94	10.98	10.27	11.12	10.90	11.34	10.90	10.43	10.04
17	10.60	9.85	11.38	10.47	11.07	10.86	11.19	10.80	11.44	11.07	10.18	9.78
18	9.97	9.66	10.52	9.86	11.09	10.97	11.01	10.85	11.34	10.63	9.97	9.43
19	9.87	9.73	10.46	9.91	11.20	10.98	10.98	10.74	11.05	10.57	9.79	9.49
20	9.98	9.64	10.74	10.46	11.30	10.80	11.05	10.50	11.17	10.77	10.30	9.77
21	10.55	9.98	10.85	10.42	10.89	10.56	10.54	9.96	11.13	10.47	10.72	10.29
22	10.79	10.55	10.44	10.10	10.99	10.61	10.03	9.42	11.04	10.36	10.99	10.72
23	11.10	10.75	10.33	10.20	10.65	10.39	10.08	9.53	10.37	10.10	10.98	10.40
24	11.23	10.95	---	---	10.87	10.58	10.51	10.08	10.74	10.19	10.44	10.21
25	11.04	10.69	10.67	10.29	10.97	10.81	10.55	10.29	11.02	10.73	10.81	10.36
26	11.11	10.52	10.68	10.47	10.97	10.72	10.43	10.28	11.06	10.76	10.94	10.72
27	11.46	10.80	10.73	10.49	11.05	10.77	10.85	10.33	10.97	10.46	10.96	10.69
28	11.34	10.77	10.71	10.40	11.07	10.76	10.81	10.56	10.57	10.15	10.94	10.49
29	10.88	10.55	10.63	9.99	11.14	10.80	10.79	10.62	10.31	10.17	10.59	9.93
30	10.82	10.65	10.14	9.91	10.90	10.59	10.77	10.41	10.47	10.28	10.04	9.75
31	---	---	10.52	10.02	---	---	10.44	9.97	10.52	10.36	---	---
Month	11.48	9.64	---	---	11.47	9.76	11.33	9.42	11.44	10.03	11.50	9.43

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, NC—Continued



0204343500 INTRACOASTAL WATERWAY AT COINJOCK, NC—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1997 to 1999, February 2006 to June 2007 (discontinued).

PERIOD OF DAILY RECORD.--

- SPECIFIC CONDUCTANCE: August 1997 to July 1999, February 2006 to June 2007.
- SALINITY: August 1997 to July 1999, February 2006 to June 2007.
- pH: February 2006 to June 2007.
- WATER TEMPERATURE: August 1997 to July 1999, February 2006 to June 2007.
- DISSOLVED OXYGEN: February 2006 to June 2007.
- DISSOLVED OXYGEN, PERCENT SATURATION: February 2006 to June 2007.
- TURBIDITY, in FNU: February 2006 to June 2007.
- CHLOROPHYLL: February 2006 to June 2007.

INSTRUMENTATION.--Water-quality monitor from August 1997 to July 1999. Constituents monitored were: specific conductance, water temperature. Self-logging water quality monitor February 2006 to June 2007. Constituents monitored were: specific conductance, water temperature, dissolved oxygen, pH, turbidity, and chlorophyll. Turbidity data collected using a YSI 6136 sensor in formazin nephelometric units (FNU).

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

EXTREMES FOR PERIOD OF DAILY RECORD.--

- SPECIFIC CONDUCTANCE: Maximum recorded, 7,250 microsiemens, May 14, 2006; minimum recorded, 1,440 microsiemens, September 10, 2006.
- SALINITY: Maximum recorded, 6.9 ppt, June 29, 1999; minimum recorded, 0.5 ppt, Jun3e 16, 1998.
- pH: Maximum recorded, 9.3 standard units, August 15, 16, 20, 2006; minimum recorded, 6.5 standard units, September 10, 2006.
- WATER TEMPERATURE: Maximum recorded, 33.8°C, August 2, 4, 2006; minimum recorded, 1.8°C, February 6, 2007.
- DISSOLVED OXYGEN: Maximum recorded, 13.9 mg/L, February 8, 2007; minimum recorded, 1.6 mg/L, May 27, 2006, June 11, 2006.
- DISSOLVED OXYGEN, PERCENT SATURATION: Maximum recorded, 158%, July 31, 2006; minimum recorded, 19%, May 27, 2006.
- TURBIDITY: Maximum recorded, 140 FNU, May 7, 2007; minimum recorded, <5 FNU, on several days during the period.
- CHLOROPHYLL: Maximum recorded, 27.7 ug/L, October 5, 2006; minimum recorded, 3.4 ug/L, May 17, 2006.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Part 1 of 2

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

Date	Time	Instan- taneous dis- charge, (00061)	Trans- parency Secchi disc, meters (00078)	Turb- idity, IR LED light, 90 deg, FNU (63680)	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfltrd field, std units (00400)	Specif- ic conduc- tance, wat unf µS/cm 25 degC (00095)	Temper- ature, 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)
Aug 29...	0850	-1,300	.50	10	761	6.2	81	7.9	3,590	28.9	4.0	32	24

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, NC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 2 of 2

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

Date	Ammonia + org-N, water, fltrd, mg/L as N (00623)		Nitrite + nitrate water, fltrd, mg/L as N (00631)		Particulate nitrogen, water, susp, mg/L (49570)	Total nitrogen, wat flt by anal ysis, mg/L (62854)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Total carbon, suspnd sedimnt total, mg/L (00694)	Inorganic carbon, suspnd sedimnt total, mg/L (00688)	Organic carbon, water, fltrd, mg/L (00681)	Chlorophyll a phyto-plank-ton, fluoro, µg/L (70953)	Chlorophyll, tot, wt 650-700 nm, in-situ µg/L (62361)	Pheo-phytin a, phyto-plank-ton, µg/L (62360)
	Ammonia water, fltrd, mg/L as N (00608)	Nitrite water, fltrd, mg/L as N (00613)											
Aug 29...	.58	.011	<.016	<.002	.55	.64	E.004	3.3	<.1	9.7	67.0	17.0	10.3

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

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, 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	---	---	---	3.6	3.4	3.5	3.4	3.4	3.4	2.8	2.7	2.8
2	---	---	---	3.8	3.4	3.5	3.4	3.3	3.3	3.0	2.7	2.9
3	---	---	---	3.7	3.3	3.5	3.3	3.2	3.3	3.7	3.0	3.5
4	---	---	---	3.6	3.3	3.4	3.2	3.1	3.2	3.7	3.6	3.6
5	---	---	---	3.7	3.3	3.5	3.2	3.1	3.1	3.6	3.4	3.5
6	---	---	---	3.6	3.4	3.5	3.2	3.1	3.1	3.5	3.3	3.4
7	---	---	---	3.6	3.2	3.4	3.3	3.1	3.1	3.4	3.2	3.3
8	---	---	---	3.6	3.2	3.4	3.3	3.1	3.2	3.2	2.7	2.9
9	---	---	---	3.5	3.2	3.4	3.1	2.7	2.9	2.9	2.6	2.8
10	---	---	---	3.5	3.0	3.3	2.8	2.8	2.8	3.6	2.9	3.4
11	---	---	---	3.3	3.0	3.2	2.9	2.8	2.8	3.8	3.6	3.7
12	---	---	---	3.4	3.1	3.2	3.0	2.8	2.9	3.9	3.8	3.8
13	---	---	---	3.5	3.2	3.3	3.1	3.0	3.1	3.9	3.8	3.9
14	---	---	---	3.4	3.0	3.3	3.2	2.9	3.1	4.0	3.8	3.9
15	---	---	---	3.2	3.0	3.1	3.0	2.9	2.9	3.9	3.8	3.8
16	---	---	---	3.0	2.9	2.9	2.9	2.8	2.9	3.8	3.8	3.8
17	---	---	---	3.0	2.9	3.0	2.8	2.6	2.7	3.8	3.5	3.6
18	---	---	---	3.0	2.8	2.9	2.7	2.6	2.7	3.5	3.4	3.4
19	2.8	2.5	2.6	3.0	2.9	3.0	3.0	2.7	2.8	3.4	3.3	3.3
20	2.9	2.6	2.8	3.2	3.0	3.1	3.1	2.9	3.0	3.3	3.3	3.3
21	3.1	2.9	3.0	3.2	2.9	3.1	3.1	3.0	3.1	3.4	3.3	3.3
22	3.1	2.9	3.0	3.0	2.9	3.0	3.3	3.1	3.2	3.4	3.1	3.2
23	3.1	2.9	3.0	3.2	3.0	3.1	3.4	3.0	3.2	3.2	3.0	3.1
24	3.2	2.9	3.1	3.3	3.1	3.2	3.1	2.9	3.0	3.2	3.0	3.1
25	3.4	2.9	3.1	3.2	3.1	3.1	3.0	2.9	2.9	3.2	3.1	3.2
26	3.4	2.6	2.9	3.3	3.2	3.2	3.0	2.7	2.8	3.3	3.1	3.2
27	3.2	2.6	2.9	3.3	3.2	3.3	2.8	2.6	2.7	3.5	3.3	3.4
28	3.6	3.1	3.3	3.3	3.3	3.3	2.7	2.6	2.7	3.4	3.2	3.3
29	---	---	---	3.3	3.3	3.3	2.9	2.6	2.8	3.2	3.0	3.1
30	---	---	---	3.3	3.3	3.3	2.8	2.6	2.7	3.2	3.0	3.1
31	---	---	---	3.4	3.2	3.3	---	---	---	3.2	3.1	3.1
Month	---	---	---	3.8	2.8	3.2	3.4	2.6	3.0	4.0	2.6	3.3

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, 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	3.1	3.1	3.1	2.1	1.9	2.0	1.7	1.2	1.6	1.7	1.0	1.4
2	3.2	3.1	3.1	2.1	1.2	1.9	1.3	1.1	1.2	1.9	1.6	1.8
3	3.2	3.1	3.2	1.8	1.1	1.5	1.4	1.2	1.3	1.6	1.5	1.5
4	3.1	3.0	3.0	1.9	1.4	1.6	1.5	1.2	1.3	1.6	1.5	1.6
5	3.0	2.7	2.9	1.6	1.2	1.3	1.8	1.5	1.7	1.6	1.0	1.4
6	2.7	2.4	2.6	2.0	1.2	1.7	1.8	1.6	1.7	1.6	1.1	1.4
7	2.6	2.4	2.5	2.0	1.9	2.0	1.6	1.5	1.5	1.6	1.5	1.6
8	2.7	2.5	2.6	2.0	1.9	2.0	1.7	1.5	1.6	1.6	1.0	1.2
9	2.8	2.6	2.7	1.9	1.6	1.7	1.6	1.5	1.5	1.1	1.0	1.1
10	2.9	2.7	2.8	1.9	1.5	1.8	1.6	1.5	1.5	1.5	0.7	0.9
11	2.9	2.8	2.9	2.0	1.8	1.9	1.7	1.5	1.6	1.6	1.4	1.5
12	3.0	2.9	3.0	1.9	1.7	1.8	1.7	1.6	1.6	1.5	1.1	1.4
13	3.0	2.8	2.9	1.9	1.7	1.8	1.6	1.5	1.5	1.3	1.0	1.1
14	3.0	2.9	2.9	1.8	1.6	1.7	2.1	1.6	1.8	1.5	1.3	1.4
15	2.9	2.6	2.7	1.9	1.8	1.8	2.3	2.1	2.2	1.5	1.3	1.4
16	2.6	2.5	2.6	1.9	1.7	1.8	2.3	1.8	2.0	1.4	1.3	1.3
17	2.6	2.1	2.4	1.8	1.6	1.7	1.9	1.8	1.8	1.3	1.1	1.2
18	2.2	2.1	2.2	1.7	1.6	1.7	1.9	1.8	1.9	1.3	1.2	1.2
19	2.2	2.1	2.2	1.8	1.7	1.7	1.9	1.8	1.9	1.4	1.2	1.4
20	2.3	2.2	2.3	1.8	1.5	1.6	2.1	1.9	2.0	1.4	1.3	1.3
21	2.4	2.3	2.3	---	---	---	2.2	2.0	2.1	1.3	1.2	1.2
22	2.3	2.1	2.3	2.4	2.0	2.2	2.0	1.9	1.9	1.2	1.1	1.2
23	2.1	2.1	2.1	2.6	1.9	2.3	2.0	1.9	1.9	1.6	1.2	1.4
24	2.2	2.0	2.1	1.9	1.8	1.8	2.0	1.9	2.0	1.7	1.4	1.6
25	2.1	1.9	2.0	1.8	1.6	1.8	2.0	1.9	1.9	1.4	1.3	1.4
26	2.0	1.9	2.0	1.8	1.7	1.8	1.9	1.8	1.9	1.4	1.3	1.3
27	1.9	1.7	1.8	1.8	1.2	1.6	2.0	1.9	2.0	1.3	1.2	1.3
28	1.8	1.7	1.8	1.6	1.4	1.5	2.0	1.8	1.9	1.3	1.2	1.3
29	1.8	1.7	1.8	1.6	1.4	1.5	---	---	---	1.4	1.3	1.3
30	2.0	1.8	1.9	1.7	1.6	1.6	2.0	1.7	1.9	1.3	1.2	1.3
31	---	---	---	1.7	1.7	1.7	1.8	1.6	1.7	---	---	---
Month	3.2	1.7	2.5	---	---	---	---	---	---	1.9	0.7	1.3

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, 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	1.3	1.2	1.3	2.2	2.2	2.2	2.3	1.2	1.8	1.7	1.4	1.5
2	1.3	1.2	1.3	2.3	2.0	2.1	2.3	1.6	1.9	1.7	1.4	1.5
3	1.3	1.2	1.2	2.1	1.8	1.9	1.6	1.5	1.5	1.5	1.4	1.4
4	1.4	1.2	1.3	2.0	2.0	2.0	1.5	1.5	1.5	1.5	1.4	1.4
5	1.4	1.2	1.3	2.5	2.0	2.3	1.5	1.5	1.5	1.4	1.4	1.4
6	1.3	1.3	1.3	2.5	2.5	2.5	1.7	1.5	1.6	1.5	1.4	1.4
7	1.3	1.2	1.3	2.5	2.5	2.5	1.7	1.6	1.7	1.4	1.3	1.4
8	1.4	1.3	1.3	2.6	2.4	2.5	1.6	1.5	1.6	1.4	1.3	1.4
9	1.4	1.2	1.3	2.6	2.4	2.5	1.5	1.5	1.5	1.4	1.3	1.3
10	1.5	1.3	1.4	2.4	2.3	2.3	1.6	1.5	1.6	1.3	1.3	1.3
11	2.2	1.5	1.9	2.4	2.2	2.3	1.6	1.6	1.6	1.3	1.2	1.3
12	2.4	2.2	2.3	2.5	2.2	2.3	1.6	1.5	1.6	1.3	1.2	1.3
13	2.4	2.2	2.3	2.3	2.1	2.2	1.5	1.4	1.5	1.2	1.2	1.2
14	2.2	2.1	2.2	2.1	2.0	2.1	1.4	1.3	1.4	1.2	1.2	1.2
15	2.2	2.1	2.2	2.1	2.0	2.0	1.4	1.3	1.4	1.2	1.2	1.2
16	2.2	2.1	2.1	2.6	1.9	2.2	1.5	1.4	1.5	1.2	1.2	1.2
17	2.1	2.0	2.0	2.7	2.2	2.5	1.4	1.4	1.4	1.3	1.2	1.2
18	2.3	2.1	2.1	2.3	1.9	2.1	1.5	1.3	1.4	1.2	1.1	1.2
19	2.1	2.0	2.0	2.0	1.9	1.9	1.4	1.3	1.4	1.4	1.2	1.3
20	2.3	2.0	2.1	1.9	1.7	1.8	1.4	1.4	1.4	1.5	1.4	1.5
21	2.1	1.9	2.0	1.9	1.2	1.6	1.4	1.4	1.4	1.5	1.3	1.4
22	2.0	1.9	2.0	1.4	1.1	1.2	1.6	1.4	1.5	1.5	1.4	1.5
23	2.0	1.9	2.0	1.8	1.3	1.5	1.8	1.6	1.8	1.5	1.3	1.4
24	2.0	1.8	1.9	1.9	1.5	1.7	1.8	1.6	1.7	1.5	1.3	1.4
25	1.9	1.8	1.9	2.1	1.7	1.9	1.7	1.5	1.6	1.4	1.3	1.4
26	2.0	1.8	1.9	2.0	1.5	1.7	1.8	1.6	1.7	1.4	1.3	1.4
27	2.7	2.0	2.4	1.8	1.2	1.5	1.8	1.6	1.6	1.4	1.3	1.4
28	3.0	2.7	2.9	1.7	1.2	1.4	1.6	1.5	1.5	1.4	1.4	1.4
29	2.9	2.4	2.7	1.7	1.7	1.7	1.5	1.5	1.5	1.4	1.3	1.4
30	2.8	2.6	2.7	1.7	1.0	1.5	1.5	1.4	1.4	1.3	1.3	1.3
31	2.6	2.2	2.3	---	---	---	1.4	1.3	1.4	1.3	1.3	1.3
Month	3.0	1.2	1.9	2.7	1.0	2.0	2.3	1.2	1.5	1.7	1.1	1.4

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, 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	1.3	1.2	1.3	1.1	1.0	1.1	0.9	0.9	0.9	1.0	1.0	1.0
2	1.3	1.2	1.3	1.1	1.1	1.1	0.9	0.9	0.9	1.0	1.0	1.0
3	1.3	1.2	1.3	1.1	1.0	1.0	1.0	0.9	0.9	1.0	1.0	1.0
4	1.4	1.3	1.3	1.1	1.0	1.0	0.9	0.9	0.9	1.0	1.0	1.0
5	1.4	1.3	1.3	1.1	1.0	1.1	0.9	0.9	0.9	1.0	1.0	1.0
6	1.3	1.3	1.3	1.1	1.0	1.1	0.9	0.9	0.9	1.0	1.0	1.0
7	1.3	1.2	1.3	1.1	1.0	1.1	0.9	0.9	0.9	1.0	0.9	1.0
8	1.3	1.3	1.3	1.1	1.1	1.1	0.9	0.9	0.9	1.0	0.9	0.9
9	1.3	1.2	1.3	1.1	1.1	1.1	0.9	0.9	0.9	1.1	1.0	1.1
10	1.3	1.1	1.2	1.1	1.0	1.0	0.9	0.9	0.9	1.2	1.1	1.1
11	1.2	1.1	1.2	1.0	1.0	1.0	1.0	0.9	0.9	1.1	1.1	1.1
12	1.3	1.2	1.2	1.0	1.0	1.0	1.0	0.9	0.9	1.1	1.1	1.1
13	1.3	1.2	1.2	1.0	0.9	1.0	1.0	0.9	0.9	1.1	1.1	1.1
14	1.2	1.1	1.2	1.0	0.9	0.9	1.0	0.9	1.0	1.1	1.1	1.1
15	1.2	1.2	1.2	1.0	0.9	0.9	0.9	0.9	0.9	1.1	1.1	1.1
16	1.2	1.1	1.2	1.1	1.0	1.0	0.9	0.9	0.9	1.2	1.1	1.1
17	1.2	1.1	1.2	1.0	1.0	1.0	1.0	0.9	0.9	1.2	1.1	1.1
18	1.2	1.2	1.2	1.0	0.9	1.0	1.0	1.0	1.0	1.1	1.1	1.1
19	1.2	1.2	1.2	1.0	0.9	0.9	1.0	0.9	0.9	1.1	1.1	1.1
20	1.2	1.1	1.2	0.9	0.9	0.9	0.9	0.9	0.9	1.4	1.1	1.3
21	1.2	1.2	1.2	1.0	0.9	1.0	1.0	0.9	1.0	1.5	1.3	1.4
22	1.2	1.2	1.2	1.0	0.9	0.9	1.1	1.0	1.1	1.3	1.1	1.2
23	1.2	1.2	1.2	0.9	0.9	0.9	1.1	1.1	1.1	1.2	1.1	1.1
24	1.2	1.1	1.1	1.0	0.9	0.9	1.1	1.0	1.1	1.1	1.1	1.1
25	1.2	1.1	1.1	1.0	1.0	1.0	1.1	1.0	1.1	1.2	1.1	1.2
26	1.1	1.1	1.1	1.0	0.9	1.0	1.1	1.0	1.1	1.3	1.2	1.3
27	1.1	1.0	1.1	0.9	0.9	0.9	1.1	1.0	1.0	1.3	1.2	1.3
28	1.1	1.0	1.1	1.0	0.9	0.9	1.1	1.0	1.0	1.3	1.2	1.2
29	---	---	---	1.0	0.9	1.0	1.0	1.0	1.0	1.2	1.1	1.2
30	---	---	---	1.0	0.9	0.9	1.0	1.0	1.0	1.2	1.1	1.1
31	---	---	---	0.9	0.9	0.9	---	---	---	1.2	1.1	1.2
Month	1.4	1.0	1.2	1.1	0.9	1.0	1.1	0.9	1.0	1.5	0.9	1.1

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, 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	1.2	1.2	1.2	---	---	---	---	---	---	---	---	---
2	1.3	1.2	1.2	---	---	---	---	---	---	---	---	---
3	1.5	1.2	1.3	---	---	---	---	---	---	---	---	---
4	1.4	1.2	1.3	---	---	---	---	---	---	---	---	---
5	1.4	1.2	1.3	---	---	---	---	---	---	---	---	---
6	1.2	1.1	1.2	---	---	---	---	---	---	---	---	---
7	1.2	1.1	1.1	---	---	---	---	---	---	---	---	---
8	1.2	1.2	1.2	---	---	---	---	---	---	---	---	---
9	1.2	1.1	1.2	---	---	---	---	---	---	---	---	---
10	1.2	1.1	1.2	---	---	---	---	---	---	---	---	---
11	1.2	1.2	1.2	---	---	---	---	---	---	---	---	---
12	1.2	1.2	1.2	---	---	---	---	---	---	---	---	---
13	1.2	1.2	1.2	---	---	---	---	---	---	---	---	---
14	1.2	1.2	1.2	---	---	---	---	---	---	---	---	---
15	1.3	1.2	1.2	---	---	---	---	---	---	---	---	---
16	1.8	1.3	1.5	---	---	---	---	---	---	---	---	---
17	1.9	1.8	1.8	---	---	---	---	---	---	---	---	---
18	1.8	1.8	1.8	---	---	---	---	---	---	---	---	---
19	1.8	1.7	1.8	---	---	---	---	---	---	---	---	---
20	1.8	1.7	1.7	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, 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	---	---	---	---	---	---	---	---	---	---	---	---

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, 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	---	---	---	6,660	6,240	6,430	6,220	6,180	6,210	5,230	5,100	5,160
2	---	---	---	6,900	6,280	6,480	6,190	6,070	6,130	5,520	5,070	5,320
3	---	---	---	6,730	6,080	6,380	6,120	5,980	6,060	6,700	5,520	6,380
4	---	---	---	6,560	6,080	6,300	6,000	5,720	5,890	6,700	6,580	6,630
5	---	---	---	6,760	6,160	6,400	5,880	5,730	5,790	6,660	6,250	6,500
6	---	---	---	6,560	6,210	6,450	5,870	5,730	5,810	6,390	6,110	6,230
7	---	---	---	6,640	5,880	6,300	6,010	5,720	5,790	6,220	5,880	6,110
8	---	---	---	6,540	5,930	6,200	6,060	5,740	5,990	5,880	5,030	5,340
9	---	---	---	6,510	5,930	6,250	5,750	5,010	5,350	5,400	4,930	5,180
10	---	---	---	6,380	5,650	6,060	5,270	5,170	5,210	6,660	5,400	6,320
11	---	---	---	6,160	5,640	5,940	5,320	5,170	5,250	7,030	6,600	6,780
12	---	---	---	6,230	5,720	5,950	5,650	5,290	5,460	7,170	6,930	7,010
13	---	---	---	6,360	5,930	6,130	5,810	5,650	5,760	7,200	7,030	7,110
14	---	---	---	6,330	5,640	6,050	5,890	5,490	5,700	7,250	7,020	7,190
15	---	---	---	5,990	5,510	5,740	5,530	5,440	5,490	7,060	6,940	7,020
16	---	---	---	5,600	5,330	5,470	5,480	5,220	5,400	7,010	6,880	6,960
17	---	---	---	5,620	5,340	5,540	5,220	4,910	5,100	6,880	6,420	6,560
18	---	---	---	5,640	5,220	5,460	5,070	4,910	4,970	6,470	6,190	6,310
19	5,220	4,690	4,840	5,580	5,410	5,510	5,530	5,070	5,230	6,210	6,030	6,120
20	5,350	4,900	5,160	5,840	5,580	5,710	5,690	5,470	5,580	6,120	6,060	6,090
21	5,820	5,350	5,650	5,920	5,480	5,740	5,810	5,660	5,740	6,210	6,080	6,130
22	5,720	5,470	5,590	5,610	5,480	5,540	6,140	5,800	5,980	6,200	5,720	5,930
23	5,680	5,430	5,570	6,000	5,600	5,780	6,250	5,580	5,970	5,860	5,650	5,750
24	5,930	5,490	5,710	6,080	5,760	5,970	5,750	5,340	5,530	5,870	5,660	5,730
25	6,330	5,460	5,810	5,850	5,720	5,780	5,510	5,320	5,380	5,880	5,780	5,850
26	6,220	4,800	5,380	6,050	5,850	5,980	5,530	5,080	5,290	6,140	5,790	5,970
27	5,990	4,860	5,400	6,090	5,980	6,050	5,170	4,800	4,980	6,410	6,090	6,230
28	6,680	5,830	6,170	6,160	6,080	6,130	5,140	4,890	5,020	6,240	5,960	6,140
29	---	---	---	6,140	6,110	6,130	5,460	4,800	5,200	5,970	5,610	5,760
30	---	---	---	6,150	6,030	6,090	5,240	4,930	5,120	5,840	5,600	5,680
31	---	---	---	6,180	5,970	6,060	---	---	---	5,840	5,770	5,800
Month	---	---	---	6,900	5,220	6,000	6,250	4,800	5,550	7,250	4,930	6,170

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, 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	5,800	5,680	5,750	4,000	3,700	3,870	3,350	2,310	3,160	3,310	2,070	2,700
2	5,860	5,700	5,760	3,920	2,280	3,600	2,470	2,170	2,370	3,730	3,120	3,430
3	5,940	5,750	5,870	3,380	2,180	2,990	2,700	2,320	2,510	3,120	2,830	2,920
4	5,790	5,580	5,660	3,700	2,800	3,190	2,990	2,440	2,630	3,160	2,970	3,060
5	5,580	5,060	5,370	3,070	2,430	2,630	3,520	2,990	3,290	3,170	1,940	2,660
6	5,080	4,580	4,890	3,850	2,460	3,310	3,520	3,070	3,340	3,170	2,160	2,780
7	4,810	4,590	4,670	3,860	3,640	3,770	3,070	2,920	2,980	3,190	2,950	3,080
8	5,010	4,780	4,890	3,800	3,620	3,740	3,260	2,990	3,100	3,010	1,990	2,280
9	5,230	4,930	5,090	3,700	3,020	3,370	3,040	2,900	3,000	2,240	1,940	2,170
10	5,320	5,110	5,240	3,700	3,000	3,500	3,150	2,840	2,980	2,840	1,440	1,870
11	5,450	5,290	5,380	3,880	3,500	3,700	3,300	2,940	3,090	3,040	2,820	2,960
12	5,630	5,440	5,500	3,640	3,350	3,500	3,240	3,030	3,170	2,970	2,270	2,680
13	5,590	5,310	5,410	3,630	3,310	3,450	3,170	2,890	2,990	2,610	2,020	2,220
14	5,520	5,320	5,460	3,470	3,190	3,310	3,980	3,170	3,540	2,890	2,610	2,800
15	5,320	4,850	5,110	3,580	3,390	3,480	4,380	3,980	4,210	2,940	2,620	2,820
16	4,850	4,780	4,800	3,580	3,370	3,470	4,380	3,390	3,910	2,720	2,500	2,610
17	4,800	4,030	4,540	3,480	3,050	3,320	3,600	3,380	3,530	2,540	2,150	2,390
18	4,240	4,060	4,150	3,300	3,110	3,200	3,620	3,510	3,570	2,630	2,320	2,460
19	4,240	4,050	4,140	3,420	3,200	3,280	3,630	3,520	3,600	2,810	2,460	2,720
20	4,390	4,200	4,280	3,430	2,960	3,180	3,950	3,560	3,790	2,730	2,510	2,610
21	4,500	4,370	4,410	3,840	3,250	3,460	4,220	3,870	4,010	2,510	2,400	2,460
22	4,380	4,080	4,290	4,600	3,840	4,250	3,880	3,610	3,730	2,410	2,220	2,310
23	4,080	3,920	4,000	4,890	3,620	4,380	3,750	3,580	3,700	3,080	2,390	2,700
24	4,110	3,850	3,980	3,630	3,440	3,510	3,800	3,720	3,760	3,200	2,790	3,110
25	3,970	3,680	3,880	3,460	3,120	3,420	3,770	3,600	3,680	2,800	2,480	2,660
26	3,880	3,620	3,800	3,430	3,240	3,380	3,710	3,500	3,650	2,650	2,590	2,630
27	3,630	3,340	3,470	3,430	2,420	3,030	3,810	3,660	3,750	2,610	2,430	2,590
28	3,480	3,230	3,400	3,120	2,720	2,890	3,740	3,550	3,690	2,610	2,450	2,510
29	3,490	3,320	3,450	3,080	2,820	2,940	3,820	3,580	3,720	2,650	2,510	2,550
30	3,780	3,380	3,610	3,260	3,050	3,160	3,770	3,260	3,650	2,580	2,400	2,500
31	---	---	---	3,360	3,200	3,310	3,520	3,040	3,290	---	---	---
Month	5,940	3,230	4,680	4,890	2,180	3,410	4,380	2,170	3,400	3,730	1,440	2,640

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, 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	2,520	2,440	2,480	4,220	4,100	4,170	4,400	2,350	3,390	3,250	2,730	2,990
2	2,570	2,460	2,540	4,290	3,840	4,010	4,440	3,020	3,710	3,250	2,820	3,000
3	2,510	2,320	2,410	3,970	3,450	3,670	3,060	2,910	2,980	2,850	2,790	2,810
4	2,700	2,350	2,580	3,870	3,770	3,840	2,980	2,880	2,920	2,840	2,780	2,800
5	2,660	2,450	2,560	4,720	3,860	4,280	2,940	2,880	2,910	2,790	2,730	2,760
6	2,640	2,480	2,570	4,790	4,670	4,740	3,260	2,920	3,050	2,870	2,740	2,790
7	2,630	2,460	2,520	4,790	4,710	4,770	3,370	3,080	3,290	2,750	2,630	2,700
8	2,660	2,570	2,630	4,920	4,540	4,770	3,080	2,990	3,030	2,760	2,580	2,700
9	2,660	2,430	2,560	4,810	4,530	4,670	3,000	2,840	2,880	2,670	2,590	2,630
10	2,960	2,470	2,770	4,600	4,330	4,440	3,130	2,860	3,040	2,640	2,540	2,600
11	4,180	2,930	3,670	4,590	4,250	4,410	3,130	3,060	3,100	2,560	2,460	2,500
12	4,500	4,150	4,380	4,760	4,240	4,430	3,060	2,990	3,020	2,500	2,430	2,470
13	4,470	4,130	4,280	4,340	4,050	4,220	2,990	2,710	2,900	2,460	2,420	2,440
14	4,240	4,000	4,100	4,050	3,770	3,930	2,740	2,610	2,730	2,420	2,400	2,410
15	4,140	4,030	4,100	3,920	3,800	3,850	2,780	2,580	2,660	2,410	2,340	2,370
16	4,140	4,000	4,060	4,850	3,690	4,220	2,960	2,780	2,860	2,430	2,300	2,360
17	4,000	3,860	3,910	5,040	4,110	4,690	2,800	2,770	2,780	2,470	2,280	2,380
18	4,270	3,970	4,090	4,320	3,690	3,970	2,870	2,630	2,760	2,360	2,260	2,310
19	4,000	3,840	3,900	3,760	3,640	3,700	2,740	2,610	2,660	2,810	2,280	2,540
20	4,360	3,880	4,060	3,670	3,320	3,550	2,740	2,660	2,680	2,910	2,720	2,840
21	4,050	3,700	3,840	3,700	2,300	3,180	2,800	2,650	2,690	2,920	2,640	2,770
22	3,860	3,700	3,780	2,660	2,210	2,450	3,170	2,790	2,890	2,910	2,790	2,850
23	3,870	3,670	3,740	3,420	2,590	2,960	3,460	3,170	3,390	2,830	2,530	2,690
24	3,760	3,450	3,620	3,700	2,840	3,310	3,400	3,040	3,280	2,840	2,510	2,760
25	3,680	3,470	3,640	3,920	3,220	3,590	3,200	2,900	3,020	2,810	2,590	2,680
26	3,840	3,410	3,590	3,880	2,960	3,300	3,450	3,150	3,300	2,810	2,500	2,700
27	5,100	3,810	4,530	3,550	2,310	3,000	3,450	3,020	3,180	2,780	2,490	2,690
28	5,510	5,100	5,370	3,260	2,280	2,750	3,120	2,880	3,010	2,750	2,660	2,700
29	5,350	4,570	5,080	3,370	3,250	3,320	2,940	2,830	2,890	2,750	2,590	2,670
30	5,220	4,850	5,000	3,320	2,000	2,890	2,840	2,660	2,800	2,590	2,520	2,560
31	4,880	4,200	4,420	---	---	---	2,740	2,620	2,690	2,580	2,530	2,570
Month	5,510	2,320	3,640	5,040	2,000	3,840	4,440	2,350	2,980	3,250	2,260	2,650

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, 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	2,530	2,450	2,480	2,180	2,090	2,120	1,860	1,840	1,850	2,080	2,070	2,080
2	2,560	2,380	2,490	2,190	2,100	2,130	1,890	1,830	1,870	2,080	2,050	2,060
3	2,560	2,380	2,480	2,170	2,000	2,080	1,940	1,860	1,880	2,080	2,050	2,070
4	2,660	2,470	2,600	2,150	1,980	2,080	1,900	1,840	1,880	2,080	2,040	2,060
5	2,660	2,500	2,580	2,170	2,000	2,110	1,900	1,850	1,880	2,060	2,030	2,050
6	2,630	2,530	2,600	2,200	2,000	2,160	1,900	1,850	1,880	2,080	2,010	2,040
7	2,560	2,420	2,490	2,190	2,030	2,110	1,900	1,830	1,870	2,070	1,860	1,980
8	2,570	2,470	2,550	2,210	2,100	2,170	1,880	1,730	1,820	1,990	1,800	1,900
9	2,560	2,350	2,480	2,180	2,100	2,160	1,890	1,830	1,860	2,240	1,990	2,130
10	2,480	2,190	2,300	2,130	1,940	1,990	1,890	1,860	1,870	2,280	2,190	2,250
11	2,340	2,250	2,290	2,010	1,940	1,980	1,940	1,830	1,880	2,190	2,160	2,170
12	2,470	2,280	2,400	2,040	1,970	2,010	1,920	1,840	1,880	2,200	2,180	2,190
13	2,470	2,360	2,410	1,980	1,880	1,910	1,920	1,870	1,890	2,200	2,170	2,190
14	2,420	2,260	2,360	1,910	1,880	1,890	1,920	1,880	1,910	2,200	2,120	2,150
15	2,400	2,310	2,370	1,920	1,880	1,900	1,900	1,770	1,850	2,170	2,100	2,140
16	2,370	2,150	2,310	2,100	1,910	2,010	1,900	1,810	1,840	2,310	2,110	2,200
17	2,440	2,240	2,330	2,050	1,970	2,020	1,920	1,840	1,890	2,320	2,180	2,240
18	2,440	2,380	2,420	2,070	1,860	1,930	1,990	1,910	1,950	2,190	2,140	2,160
19	2,420	2,280	2,320	1,910	1,820	1,870	1,920	1,780	1,820	2,150	2,140	2,140
20	2,360	2,260	2,320	1,880	1,800	1,860	1,860	1,770	1,810	2,810	2,140	2,520
21	2,390	2,280	2,350	1,970	1,860	1,920	2,090	1,860	2,010	2,900	2,580	2,790
22	2,340	2,290	2,320	1,970	1,820	1,880	2,130	2,060	2,100	2,580	2,230	2,380
23	2,340	2,310	2,340	1,830	1,760	1,800	2,150	2,100	2,120	2,290	2,250	2,270
24	2,340	2,120	2,270	1,950	1,760	1,830	2,150	2,070	2,130	2,270	2,240	2,250
25	2,300	2,160	2,240	1,970	1,910	1,950	2,150	2,070	2,120	2,440	2,250	2,320
26	2,190	2,100	2,160	1,980	1,870	1,940	2,130	2,050	2,110	2,590	2,410	2,510
27	2,160	2,040	2,120	1,880	1,790	1,830	2,120	2,040	2,080	2,600	2,370	2,490
28	2,170	2,090	2,120	1,930	1,790	1,850	2,130	2,030	2,090	2,540	2,330	2,400
29	---	---	---	1,990	1,890	1,950	2,080	2,060	2,070	2,340	2,270	2,300
30	---	---	---	2,000	1,850	1,890	2,080	2,070	2,070	2,280	2,240	2,260
31	---	---	---	1,850	1,830	1,840	---	---	---	2,330	2,260	2,280
Month	2,660	2,040	2,380	2,210	1,760	1,970	2,150	1,730	1,940	2,900	1,800	2,220

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, 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	2,460	2,330	2,380	---	---	---	---	---	---	---	---	---
2	2,480	2,370	2,430	---	---	---	---	---	---	---	---	---
3	2,860	2,300	2,510	---	---	---	---	---	---	---	---	---
4	2,800	2,450	2,610	---	---	---	---	---	---	---	---	---
5	2,690	2,390	2,600	---	---	---	---	---	---	---	---	---
6	2,390	2,270	2,310	---	---	---	---	---	---	---	---	---
7	2,320	2,250	2,280	---	---	---	---	---	---	---	---	---
8	2,390	2,320	2,350	---	---	---	---	---	---	---	---	---
9	2,340	2,240	2,320	---	---	---	---	---	---	---	---	---
10	2,410	2,270	2,340	---	---	---	---	---	---	---	---	---
11	2,410	2,330	2,360	---	---	---	---	---	---	---	---	---
12	2,380	2,330	2,350	---	---	---	---	---	---	---	---	---
13	2,410	2,350	2,370	---	---	---	---	---	---	---	---	---
14	2,420	2,360	2,390	---	---	---	---	---	---	---	---	---
15	2,470	2,310	2,370	---	---	---	---	---	---	---	---	---
16	3,470	2,470	2,910	---	---	---	---	---	---	---	---	---
17	3,640	3,440	3,560	---	---	---	---	---	---	---	---	---
18	3,540	3,410	3,510	---	---	---	---	---	---	---	---	---
19	3,530	3,290	3,410	---	---	---	---	---	---	---	---	---
20	3,410	3,230	3,370	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, 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	---	---	---	---	---	---	---	---	---	---	---	---

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, 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	---	---	---	7.4	7.3	7.3	7.2	7.1	7.2	7.5	7.3	7.3
2	---	---	---	7.5	7.3	7.3	7.2	7.1	7.2	7.3	7.0	7.2
3	---	---	---	7.5	7.4	7.4	7.1	6.9	7.0	7.4	7.0	7.3
4	---	---	---	7.4	7.3	7.3	7.1	6.9	7.0	7.4	7.3	7.4
5	---	---	---	7.5	7.3	7.3	7.4	6.9	7.0	7.3	7.3	7.3
6	---	---	---	7.4	7.3	7.4	7.4	7.1	7.2	7.3	7.1	7.2
7	---	---	---	7.5	7.3	7.4	7.2	7.0	7.1	7.5	7.2	7.4
8	---	---	---	7.4	7.3	7.3	7.3	7.0	7.1	7.4	7.1	7.2
9	---	---	---	7.6	7.4	7.5	7.3	7.2	7.3	7.2	7.0	7.1
10	---	---	---	7.6	7.4	7.5	7.3	7.0	7.1	7.3	7.1	7.2
11	---	---	---	7.7	7.5	7.6	7.1	6.9	7.0	7.4	7.2	7.3
12	---	---	---	7.6	7.3	7.4	7.2	6.9	7.0	7.5	7.1	7.3
13	---	---	---	7.4	7.2	7.3	7.1	6.9	7.0	7.5	7.2	7.4
14	---	---	---	7.6	7.2	7.3	7.5	6.8	7.2	7.5	7.1	7.3
15	---	---	---	7.5	7.4	7.5	7.4	7.2	7.3	7.2	7.1	7.2
16	---	---	---	7.4	7.0	7.2	7.5	7.1	7.3	7.1	7.0	7.1
17	---	---	---	7.5	7.0	7.2	7.4	7.1	7.2	7.3	7.1	7.2
18	---	---	---	7.3	7.2	7.2	7.3	7.0	7.2	7.2	7.0	7.0
19	7.4	7.3	7.4	7.2	7.1	7.2	7.2	6.9	7.0	7.1	7.0	7.0
20	7.3	7.2	7.3	7.2	7.0	7.1	7.1	6.8	6.9	7.2	7.0	7.1
21	7.3	7.3	7.3	7.3	7.0	7.1	6.9	6.7	6.8	7.2	7.1	7.1
22	7.3	7.2	7.2	7.3	7.0	7.2	7.1	6.7	6.8	7.3	7.1	7.2
23	7.2	7.1	7.2	7.2	7.1	7.2	7.3	6.8	7.0	7.4	7.0	7.2
24	7.3	7.2	7.2	7.3	7.1	7.2	7.6	6.9	7.2	7.3	7.0	7.1
25	7.4	7.2	7.3	7.3	7.1	7.2	7.6	7.2	7.4	7.2	6.8	6.9
26	7.5	7.4	7.4	7.2	7.1	7.2	7.6	7.2	7.4	6.9	6.7	6.8
27	7.4	7.2	7.3	7.3	7.2	7.2	7.6	7.2	7.4	6.8	6.7	6.8
28	7.4	7.3	7.4	7.3	7.2	7.3	7.7	7.1	7.4	7.5	6.8	7.2
29	---	---	---	7.3	7.1	7.2	7.7	7.3	7.5	7.5	7.3	7.3
30	---	---	---	7.2	7.1	7.1	7.6	7.3	7.5	7.3	7.0	7.1
31	---	---	---	7.1	7.0	7.0	---	---	---	7.2	6.8	6.9
Max	---	---	---	7.7	7.5	7.6	7.7	7.3	7.5	7.5	7.3	7.4
Min	---	---	---	7.1	7.0	7.0	6.9	6.7	6.8	6.8	6.7	6.8

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, 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	7.4	6.9	7.0	8.3	7.6	8.1	8.9	7.4	8.3	7.5	6.8	7.0
2	7.1	6.9	7.0	8.1	6.8	7.7	8.0	7.1	7.3	7.4	6.8	7.1
3	7.2	6.8	6.9	7.4	6.8	7.0	7.9	7.2	7.3	8.4	7.1	7.3
4	7.6	7.1	7.3	7.8	6.9	7.1	8.6	7.1	7.3	8.6	7.4	8.0
5	7.6	7.2	7.3	7.3	6.9	7.0	9.1	8.1	8.7	8.3	6.5	7.4
6	7.7	7.2	7.5	8.2	7.0	7.6	8.9	7.8	8.6	7.8	6.6	7.0
7	7.5	7.2	7.3	8.6	7.6	8.0	8.8	7.5	8.2	8.8	7.6	8.0
8	7.2	7.0	7.0	8.6	7.8	8.2	8.6	7.6	8.2	8.2	6.5	6.6
9	7.0	6.9	6.9	7.8	7.3	7.6	8.8	7.5	7.8	6.6	6.5	6.6
10	7.0	6.9	7.0	7.9	7.3	7.6	8.5	7.5	7.9	7.3	6.4	6.5
11	7.1	7.0	7.0	8.5	7.6	7.9	8.6	7.6	8.0	8.8	7.2	8.3
12	7.1	7.0	7.0	8.4	7.3	7.6	8.7	7.4	8.3	8.0	7.0	7.2
13	7.8	7.1	7.5	8.1	7.3	7.5	8.9	7.4	8.2	7.1	6.9	7.0
14	7.5	7.2	7.3	8.5	7.3	7.7	9.2	8.3	8.6	7.2	7.1	7.1
15	8.2	7.3	7.4	9.0	7.7	8.4	9.3	8.7	9.0	7.2	7.0	7.0
16	8.5	7.6	8.0	8.9	8.3	8.7	9.3	8.7	9.0	7.4	6.9	7.1
17	8.4	7.4	7.6	8.7	7.6	8.2	9.0	7.7	8.6	7.2	6.9	7.0
18	7.4	7.1	7.2	8.5	7.5	7.8	8.7	7.4	8.0	7.2	6.9	7.0
19	7.9	7.1	7.5	8.9	7.4	8.0	8.8	7.0	7.4	7.2	7.0	7.1
20	8.0	7.3	7.5	8.7	7.4	8.2	9.3	7.3	8.2	7.2	7.0	7.1
21	8.2	7.3	7.5	8.8	7.6	8.2	8.9	7.8	8.6	7.2	7.0	7.2
22	8.1	7.4	7.8	8.8	8.3	8.6	8.6	7.3	7.8	7.1	6.9	7.0
23	7.7	7.3	7.4	8.6	7.8	8.3	8.9	7.3	7.5	7.3	6.9	7.0
24	8.1	7.3	7.7	8.9	7.5	8.0	8.4	7.4	7.6	7.4	7.0	7.1
25	7.8	7.5	7.7	8.8	8.2	8.4	9.2	7.4	8.1	7.4	7.1	7.2
26	7.6	7.3	7.5	8.9	8.0	8.4	8.9	7.5	7.9	8.0	7.1	7.3
27	7.7	7.3	7.4	8.8	7.2	7.4	8.5	7.6	7.9	8.3	7.1	7.5
28	7.6	7.2	7.5	7.9	7.2	7.5	8.7	7.6	7.8	8.0	7.1	7.3
29	7.8	7.3	7.5	8.7	7.3	7.6	8.6	7.7	8.2	7.5	7.0	7.2
30	8.3	7.3	7.8	9.0	7.7	8.4	8.5	7.5	8.0	7.3	7.1	7.2
31	---	---	---	9.2	8.2	8.8	7.9	7.4	7.6	---	---	---
Max	8.5	7.6	8.0	9.2	8.3	8.8	9.3	8.7	9.0	8.8	7.6	8.3
Min	7.0	6.8	6.9	7.3	6.8	7.0	7.9	7.0	7.3	6.6	6.4	6.5

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, 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	7.3	7.0	7.1	7.4	6.8	7.2	7.4	6.7	7.0	7.1	6.9	7.1
2	7.4	7.0	7.2	7.5	6.8	7.2	7.4	7.1	7.3	7.3	7.0	7.2
3	7.2	7.0	7.1	7.3	6.8	7.2	7.6	7.2	7.4	7.0	6.8	7.0
4	7.1	6.9	7.0	7.2	7.0	7.1	7.4	7.0	7.2	7.0	6.8	7.0
5	7.5	7.0	7.1	7.3	7.1	7.2	7.3	7.0	7.3	7.1	6.8	7.0
6	7.6	7.0	7.3	7.3	7.2	7.2	7.3	7.0	7.2	7.1	6.8	7.0
7	7.4	7.0	7.2	7.4	7.0	7.2	7.3	7.0	7.3	7.2	7.0	7.1
8	7.6	7.2	7.4	7.4	7.0	7.2	7.3	7.1	7.2	7.2	6.8	7.0
9	7.4	7.1	7.2	7.4	7.0	7.1	7.2	7.0	7.1	7.3	6.9	7.1
10	7.5	7.2	7.3	7.2	6.7	7.0	7.2	7.0	7.1	7.3	7.0	7.2
11	7.6	7.2	7.4	7.2	6.8	7.0	7.2	7.1	7.1	7.2	6.8	7.0
12	7.7	7.4	7.6	7.2	6.8	7.1	7.2	7.0	7.1	7.0	6.7	6.9
13	7.6	7.2	7.4	7.3	6.8	7.1	7.0	6.9	7.0	7.0	6.7	6.8
14	7.4	7.1	7.2	7.0	6.8	6.9	6.9	6.7	6.8	7.0	6.7	6.8
15	7.3	7.0	7.2	7.0	6.8	6.9	6.9	6.8	6.8	6.9	6.7	6.8
16	7.6	7.2	7.3	7.3	6.8	7.0	7.0	6.8	6.9	7.2	6.8	7.0
17	7.4	7.1	7.2	7.4	6.8	7.2	6.9	6.8	6.8	7.3	6.8	7.2
18	7.4	7.0	7.2	7.4	7.2	7.3	7.0	6.7	6.8	7.1	6.8	7.0
19	7.2	6.8	7.2	7.3	6.9	7.1	7.1	6.9	7.0	7.2	6.9	7.1
20	7.4	7.0	7.1	7.4	6.9	7.1	7.2	6.9	7.0	7.3	7.0	7.1
21	7.6	7.0	7.3	7.5	7.3	7.4	7.1	6.9	7.0	7.2	7.0	7.1
22	7.4	7.0	7.1	7.4	7.1	7.2	7.1	6.8	6.9	7.2	7.0	7.2
23	7.2	6.9	7.1	7.2	7.1	7.1	7.1	6.9	7.1	7.1	6.9	7.0
24	7.5	6.8	7.2	7.2	7.0	7.1	7.2	7.0	7.1	7.2	7.0	7.1
25	7.3	7.0	7.2	7.2	7.0	7.1	7.2	6.9	7.0	7.2	6.9	7.1
26	7.5	7.2	7.3	7.2	6.9	7.0	7.2	6.8	7.0	7.3	7.0	7.2
27	7.6	7.3	7.5	7.1	6.8	6.9	7.2	7.0	7.1	7.3	7.2	7.3
28	7.6	7.3	7.5	6.9	6.7	6.8	7.2	7.0	7.1	7.4	7.1	7.3
29	7.5	7.1	7.3	7.0	6.7	7.0	7.2	7.0	7.1	7.4	7.1	7.2
30	7.6	7.0	7.4	7.0	6.6	6.8	7.1	6.8	7.0	7.3	7.0	7.2
31	7.5	7.1	7.4	---	---	---	7.0	6.8	6.9	7.3	7.1	7.2
Max	7.7	7.4	7.6	7.5	7.3	7.4	7.6	7.2	7.4	7.4	7.2	7.3
Min	7.1	6.8	7.0	6.9	6.6	6.8	6.9	6.7	6.8	6.9	6.7	6.8

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, NC—Continued

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

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	February			March			April			May		
1	7.3	7.0	7.2	7.3	7.0	7.1	7.3	6.9	7.1	7.2	6.8	7.0
2	7.3	7.1	7.2	7.4	7.0	7.3	7.2	6.9	7.2	7.2	7.0	7.0
3	7.2	7.0	7.2	7.3	7.0	7.2	7.2	6.8	7.1	7.2	7.0	7.1
4	7.4	7.1	7.2	7.5	7.0	7.3	7.2	6.8	7.0	7.3	7.1	7.1
5	7.4	7.3	7.4	7.5	7.0	7.3	7.2	6.8	7.1	7.2	7.0	7.1
6	7.4	7.1	7.3	7.4	7.1	7.4	7.1	6.8	7.0	7.3	6.8	7.2
7	7.4	7.1	7.3	7.4	7.2	7.3	7.3	6.9	7.1	7.3	7.2	7.2
8	7.3	7.0	7.2	7.4	7.0	7.3	7.3	7.0	7.1	7.2	7.1	7.2
9	7.3	7.0	7.2	7.3	7.0	7.1	7.3	7.0	7.1	7.4	7.2	7.3
10	7.2	7.0	7.1	7.3	7.0	7.2	7.2	6.9	7.1	7.4	7.3	7.3
11	7.2	7.1	7.2	7.4	6.9	7.2	7.3	7.0	7.2	7.4	7.2	7.3
12	7.2	7.0	7.2	7.2	6.8	7.1	7.3	7.1	7.2	7.3	7.0	7.2
13	7.2	6.9	7.2	7.1	6.9	7.0	7.3	7.0	7.2	7.4	7.0	7.2
14	7.3	7.1	7.2	7.2	6.7	6.9	7.2	6.9	7.0	7.2	7.1	7.1
15	7.4	7.0	7.3	7.2	6.8	7.0	7.2	6.9	7.1	7.3	7.1	7.2
16	7.2	6.9	7.2	7.3	7.0	7.2	7.2	7.0	7.2	7.3	7.2	7.3
17	7.4	7.2	7.3	7.3	6.9	7.2	7.3	7.2	7.3	7.4	7.2	7.3
18	7.4	7.1	7.3	7.3	7.0	7.2	7.3	6.9	7.1	7.5	7.3	7.3
19	7.4	7.2	7.3	7.5	7.2	7.2	7.3	7.1	7.2	7.3	7.2	7.2
20	7.3	7.2	7.3	7.5	7.2	7.4	7.3	7.1	7.2	7.3	7.2	7.2
21	7.4	7.1	7.3	7.5	7.0	7.4	7.4	7.3	7.3	7.3	7.2	7.3
22	7.3	7.0	7.2	7.3	7.0	7.2	7.3	7.1	7.3	7.4	7.1	7.2
23	7.4	7.0	7.3	7.3	6.8	7.1	7.2	7.0	7.1	7.3	7.0	7.1
24	7.3	7.0	7.2	7.6	7.1	7.4	7.1	6.9	7.1	7.2	6.9	7.1
25	7.4	7.1	7.3	7.6	7.0	7.4	7.0	6.8	7.0	7.1	6.9	7.0
26	7.3	6.8	7.1	7.4	7.0	7.4	7.1	6.8	7.0	7.2	6.9	7.0
27	7.3	6.8	7.1	7.4	7.0	7.3	7.0	6.9	7.0	7.2	7.0	7.0
28	7.3	6.9	7.2	7.3	6.7	7.1	7.1	6.9	7.0	7.4	6.9	7.1
29	---	---	---	7.4	6.9	7.2	7.1	6.9	7.0	7.3	7.0	7.1
30	---	---	---	7.3	7.0	7.1	7.0	6.7	6.8	7.2	6.9	7.1
31	---	---	---	7.4	7.2	7.3	---	---	---	7.1	6.9	7.0
Max	7.4	7.3	7.4	7.6	7.2	7.4	7.4	7.3	7.3	7.5	7.3	7.3
Min	7.2	6.8	7.1	7.1	6.7	6.9	7.0	6.7	6.8	7.1	6.8	7.0

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, 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	7.1	6.7	6.9	---	---	---	---	---	---	---	---	---
2	7.1	6.7	6.9	---	---	---	---	---	---	---	---	---
3	7.0	6.7	6.8	---	---	---	---	---	---	---	---	---
4	7.1	6.6	6.9	---	---	---	---	---	---	---	---	---
5	7.2	6.7	6.8	---	---	---	---	---	---	---	---	---
6	7.2	6.8	7.1	---	---	---	---	---	---	---	---	---
7	7.1	6.8	7.0	---	---	---	---	---	---	---	---	---
8	7.3	6.8	7.0	---	---	---	---	---	---	---	---	---
9	7.4	6.8	7.1	---	---	---	---	---	---	---	---	---
10	7.3	6.9	7.1	---	---	---	---	---	---	---	---	---
11	7.2	6.8	7.0	---	---	---	---	---	---	---	---	---
12	7.1	6.7	6.8	---	---	---	---	---	---	---	---	---
13	7.4	6.8	7.0	---	---	---	---	---	---	---	---	---
14	7.3	6.8	7.1	---	---	---	---	---	---	---	---	---
15	7.2	7.0	7.1	---	---	---	---	---	---	---	---	---
16	7.4	7.1	7.2	---	---	---	---	---	---	---	---	---
17	7.3	7.0	7.2	---	---	---	---	---	---	---	---	---
18	7.1	6.7	6.9	---	---	---	---	---	---	---	---	---
19	7.1	6.8	7.0	---	---	---	---	---	---	---	---	---
20	7.0	6.7	7.0	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Max	---	---	---	---	---	---	---	---	---	---	---	---
Min	---	---	---	---	---	---	---	---	---	---	---	---

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, 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	---	---	---	---	---	---	---	---	---	---	---	---

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, 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	---	---	---	7.7	6.2	6.9	16.2	14.1	15.0	14.4	12.5	13.3
2	---	---	---	9.8	7.2	8.3	17.8	15.9	16.7	15.8	12.8	14.0
3	---	---	---	9.8	8.8	9.2	17.5	16.6	17.1	16.5	15.3	15.9
4	---	---	---	9.3	8.4	8.9	17.4	16.3	17.0	18.7	16.0	17.1
5	---	---	---	9.5	8.0	8.6	17.0	15.2	16.3	19.6	17.5	18.3
6	---	---	---	8.4	8.1	8.3	16.6	14.3	15.2	21.3	18.8	19.7
7	---	---	---	8.3	7.4	8.0	17.3	15.6	16.3	21.2	18.5	19.8
8	---	---	---	9.3	7.2	8.1	17.9	16.5	17.0	18.5	17.0	17.8
9	---	---	---	9.9	8.1	8.9	16.7	13.4	14.5	19.2	17.1	18.0
10	---	---	---	12.5	9.6	11.0	15.4	13.8	14.5	19.9	17.9	18.8
11	---	---	---	15.1	12.2	13.6	15.6	14.0	14.8	20.4	18.9	19.6
12	---	---	---	16.8	14.4	15.2	17.6	15.0	16.4	21.4	19.7	20.5
13	---	---	---	18.5	16.4	17.2	18.5	16.9	17.4	22.2	20.7	21.4
14	---	---	---	17.7	16.3	17.3	19.2	17.5	18.5	22.2	20.7	21.5
15	---	---	---	16.3	13.3	14.4	21.2	19.0	19.7	21.3	20.4	20.8
16	---	---	---	14.3	12.4	13.3	21.2	20.4	20.6	21.2	20.5	20.8
17	---	---	---	14.3	13.3	13.8	20.4	16.5	18.4	21.9	20.3	21.1
18	---	---	---	13.4	11.6	12.6	18.0	16.2	16.9	22.2	21.1	21.6
19	7.6	4.7	5.6	12.8	10.2	11.8	19.6	16.9	18.1	22.1	21.6	21.9
20	6.3	5.5	5.9	12.9	11.8	12.3	20.2	18.1	19.0	22.1	20.9	21.4
21	7.3	5.8	6.3	12.2	9.4	11.0	19.8	19.1	19.3	22.6	21.2	21.8
22	7.4	6.4	7.0	10.5	9.3	9.7	20.8	19.6	20.1	22.7	20.9	21.8
23	7.7	6.9	7.2	11.4	9.7	10.5	21.9	20.0	20.8	22.6	20.7	21.7
24	8.8	7.2	8.0	10.6	8.6	9.8	22.3	21.2	21.7	23.2	20.8	21.8
25	9.0	7.6	8.4	9.8	8.3	9.1	23.2	21.2	22.1	24.2	22.1	23.0
26	8.4	6.3	7.1	10.4	8.9	9.5	22.6	20.3	21.1	25.1	23.4	24.0
27	6.8	4.9	6.0	11.2	8.9	9.9	20.3	17.6	18.6	25.6	23.9	24.6
28	6.8	5.9	6.3	11.5	9.7	10.5	18.4	17.0	17.6	26.7	24.6	25.5
29	---	---	---	12.9	10.7	11.7	17.2	15.0	16.0	26.7	24.9	25.8
30	---	---	---	14.0	12.5	13.2	15.1	12.7	14.5	27.5	25.2	26.3
31	---	---	---	15.0	12.8	13.8	---	---	---	27.9	26.7	27.3
Month	---	---	---	18.5	6.2	11.2	23.2	12.7	17.7	27.9	12.5	20.9

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	28.1	26.5	27.5	28.4	26.6	27.5	32.6	30.6	31.5	25.5	24.7	25.0
2	28.0	26.8	27.4	29.2	27.4	28.2	33.8	31.5	32.4	24.9	23.8	24.5
3	27.8	25.6	26.9	30.0	27.8	28.8	33.4	31.4	32.4	25.6	23.9	24.7
4	25.9	24.5	25.3	29.3	28.3	28.7	33.8	32.1	32.9	26.6	25.1	25.8
5	25.7	24.4	25.0	29.2	28.1	28.6	32.6	30.7	31.4	26.5	26.0	26.2
6	24.5	23.2	23.7	29.1	26.3	27.7	31.4	30.7	31.0	26.2	25.1	25.4
7	24.5	22.8	23.5	26.3	24.7	25.4	31.7	30.2	30.9	25.7	24.4	25.0
8	25.3	23.4	24.2	25.6	24.0	24.7	31.1	30.1	30.5	25.4	24.2	24.7
9	26.5	24.0	25.0	27.2	24.7	25.9	30.4	29.0	29.6	25.6	24.3	24.8
10	26.0	24.6	25.3	28.3	25.9	26.9	29.8	29.1	29.4	26.1	24.9	25.6
11	25.5	24.6	25.0	29.7	27.3	28.3	29.2	26.3	28.2	26.0	22.8	24.5
12	25.5	23.9	25.0	29.2	28.0	28.7	26.3	24.5	25.2	23.4	22.1	22.7
13	24.4	22.8	23.5	29.5	28.3	28.9	26.9	24.8	25.8	23.4	22.4	22.8
14	24.4	22.9	23.9	29.0	28.1	28.5	27.6	25.5	26.4	23.3	22.8	23.0
15	24.4	22.4	23.3	29.3	27.6	28.4	27.7	26.0	26.8	23.8	23.0	23.3
16	25.8	23.6	24.5	29.9	28.3	29.0	27.6	26.4	27.0	23.5	22.7	23.2
17	26.5	25.0	25.7	31.0	29.3	29.9	26.9	26.0	26.4	23.8	22.7	23.2
18	26.6	25.2	25.9	31.5	29.2	30.3	27.7	26.0	26.7	25.0	22.9	23.9
19	27.0	25.4	26.2	30.9	29.5	30.1	29.3	27.0	27.9	24.9	23.7	24.3
20	27.6	25.7	26.6	31.6	29.4	30.4	29.4	27.5	28.5	24.7	23.8	24.3
21	28.0	26.8	27.5	31.1	29.9	30.3	29.4	28.2	28.6	23.8	21.7	22.2
22	28.3	26.8	27.6	30.1	28.8	29.5	28.2	27.6	27.9	23.7	21.8	22.6
23	29.3	28.0	28.5	28.8	27.2	28.2	29.2	27.2	28.0	24.1	22.4	23.3
24	28.4	27.8	28.2	28.7	26.6	27.5	28.8	27.3	28.0	25.2	23.6	24.2
25	28.7	27.4	28.1	28.3	27.4	27.6	30.2	27.7	28.9	25.1	24.0	24.4
26	28.6	27.7	28.1	28.7	26.8	27.7	29.6	28.0	29.1	24.1	22.9	23.6
27	27.8	26.8	27.2	29.8	27.5	28.6	29.6	28.1	28.8	23.9	22.6	23.3
28	27.3	26.3	26.8	30.0	28.6	29.1	29.9	28.8	29.3	24.2	22.6	23.4
29	28.0	26.6	27.2	29.8	28.7	29.2	29.9	28.8	29.4	23.4	22.6	23.0
30	27.9	26.5	27.2	30.7	28.7	29.5	30.0	28.6	29.5	23.5	21.9	22.8
31	---	---	---	31.9	29.6	30.5	28.6	25.5	27.1	---	---	---
Month	29.3	22.4	26.0	31.9	24.0	28.5	33.8	24.5	28.9	26.6	21.7	24.0

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, NC—Continued

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

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	23.0	22.3	22.6	16.9	15.2	15.9	15.8	14.3	15.0	12.7	11.0	12.0
2	22.8	21.5	22.1	16.7	15.8	16.3	15.8	14.8	15.5	12.6	11.7	12.2
3	23.5	22.1	22.7	15.8	12.2	13.2	14.8	13.2	13.7	12.0	11.5	11.8
4	23.6	22.4	23.0	12.8	12.0	12.5	13.4	11.6	12.5	12.4	11.8	12.1
5	23.6	22.4	23.0	12.7	11.6	12.1	11.6	10.9	11.2	13.4	12.1	12.7
6	22.4	21.2	22.0	12.9	11.5	12.2	10.9	10.2	10.6	14.8	13.2	14.1
7	22.4	21.2	21.7	13.5	12.1	12.7	11.3	10.4	11.0	14.9	14.4	14.7
8	22.1	20.7	21.3	15.3	13.5	14.3	10.4	6.2	7.5	15.3	14.3	15.0
9	20.9	20.4	20.6	15.9	15.0	15.4	7.1	6.1	6.5	14.3	12.0	13.0
10	21.6	20.6	21.1	15.9	15.2	15.6	6.9	6.0	6.4	12.0	9.0	10.3
11	21.8	20.9	21.3	16.9	15.5	16.2	7.1	6.4	6.6	9.0	8.0	8.4
12	22.2	21.3	21.8	16.7	15.9	16.4	7.1	6.2	6.7	9.8	8.7	9.1
13	22.1	19.5	20.3	15.9	14.3	14.7	8.3	6.9	7.5	10.4	9.2	9.7
14	19.5	18.5	19.1	15.5	14.1	14.7	9.3	8.3	8.6	11.7	10.4	11.2
15	19.0	17.9	18.3	15.7	15.0	15.3	9.7	9.2	9.4	13.2	11.5	12.3
16	18.6	18.0	18.3	16.6	15.4	16.1	10.3	9.5	9.9	13.4	11.8	13.1
17	18.6	17.8	18.3	16.5	15.6	16.0	10.4	10.0	10.1	11.8	8.2	9.1
18	19.5	18.6	18.9	15.6	13.8	14.6	11.3	10.2	10.6	8.5	7.5	8.0
19	20.1	19.1	19.5	13.8	12.9	13.2	11.3	10.8	11.0	9.4	8.4	8.8
20	21.0	19.6	20.3	12.9	11.4	12.3	10.9	9.4	9.8	8.8	7.6	8.2
21	20.1	18.5	19.0	11.4	10.0	10.4	10.4	9.5	9.9	7.6	6.6	7.1
22	18.9	17.9	18.3	12.3	10.6	11.8	11.0	10.0	10.3	7.3	6.9	7.1
23	18.4	16.8	17.5	12.2	11.8	12.1	11.9	11.0	11.4	7.2	6.7	7.1
24	16.8	14.0	15.2	12.1	11.6	11.8	12.0	11.3	11.7	7.4	6.6	7.0
25	14.2	12.9	13.8	12.1	11.2	11.6	12.3	11.2	11.6	7.1	6.5	6.7
26	13.4	12.3	12.8	12.3	11.3	11.8	12.6	12.2	12.5	6.8	4.6	5.4
27	13.6	13.0	13.2	12.8	11.6	12.2	12.4	11.1	11.6	6.3	5.1	5.7
28	15.8	13.6	14.8	13.6	12.3	12.8	11.1	10.3	10.6	7.1	6.0	6.3
29	15.1	14.4	14.7	13.4	12.7	13.1	10.9	10.2	10.6	6.5	5.0	5.5
30	15.0	13.7	14.4	14.4	13.2	13.8	11.2	10.3	10.7	5.7	4.8	5.2
31	15.4	14.4	14.8	---	---	---	11.1	10.8	11.0	5.4	3.8	4.5
Month	23.6	12.3	18.9	16.9	10.0	13.7	15.8	6.0	10.4	15.3	3.8	9.5

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, 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	4.3	4.0	4.2	10.2	8.9	9.6	18.0	16.1	16.8	22.6	21.0	21.8
2	5.0	4.0	4.4	11.4	10.0	10.8	19.8	17.2	18.3	23.3	21.6	22.3
3	5.6	4.9	5.2	12.0	11.0	11.5	21.1	19.0	20.0	23.0	18.7	20.7
4	5.7	4.6	5.2	11.8	10.7	11.3	20.6	19.6	20.2	18.7	16.9	17.5
5	5.5	3.6	4.2	11.1	9.7	10.4	20.2	18.6	19.3	18.6	16.7	17.4
6	3.6	1.8	2.3	10.7	8.1	8.8	19.2	15.8	17.4	18.2	13.7	16.5
7	3.3	2.5	2.9	9.6	7.5	8.5	17.4	13.6	15.1	14.5	11.4	13.0
8	3.4	2.8	3.0	8.5	6.6	7.6	14.0	12.8	13.5	15.2	12.6	13.7
9	3.7	2.3	3.0	8.4	7.0	7.9	13.9	13.1	13.5	17.8	14.6	16.3
10	4.4	2.7	3.5	10.9	8.4	9.6	14.1	12.9	13.5	19.8	17.6	18.5
11	4.6	2.6	3.6	11.8	10.0	10.8	13.5	12.2	12.7	22.5	18.8	20.4
12	5.4	3.3	4.3	12.4	10.4	11.3	15.7	13.0	14.2	23.4	21.0	22.0
13	6.2	5.0	5.5	12.7	11.0	11.8	16.2	14.4	15.2	23.3	19.8	21.4
14	6.9	6.1	6.7	14.2	12.3	13.0	15.9	15.1	15.4	21.5	18.7	20.0
15	6.5	4.2	4.8	15.8	13.5	14.4	16.3	15.4	15.8	21.6	19.7	20.7
16	5.2	3.5	4.6	15.8	14.0	14.9	16.0	13.5	14.7	22.0	20.1	20.9
17	5.6	4.2	4.8	14.0	11.1	11.8	13.5	11.6	12.4	21.3	19.9	20.7
18	5.4	4.5	4.9	11.3	10.4	10.7	12.6	11.9	12.1	19.9	16.8	18.2
19	4.5	2.7	3.6	11.9	9.7	10.6	13.1	11.9	12.5	19.1	16.6	17.6
20	5.7	3.8	4.7	13.1	10.5	11.4	14.8	12.2	13.3	20.2	17.9	19.0
21	7.0	5.1	6.0	12.6	10.7	11.3	15.7	13.4	14.4	21.4	19.4	20.4
22	8.5	7.0	7.5	13.6	10.7	12.0	17.5	14.7	15.9	21.8	20.0	20.8
23	7.9	7.0	7.6	15.0	13.0	13.7	18.5	16.2	17.2	22.6	21.1	21.8
24	7.5	6.1	7.0	17.4	14.2	15.9	19.7	17.1	18.1	22.6	20.9	21.5
25	7.1	6.8	7.0	16.8	15.4	16.2	21.2	18.9	20.0	24.6	21.4	22.8
26	8.3	7.0	7.7	16.1	13.8	14.9	21.1	19.5	20.2	24.9	22.8	23.8
27	9.8	7.9	8.8	17.9	15.4	16.4	21.7	19.5	20.5	25.2	23.9	24.4
28	9.4	8.5	8.9	19.2	16.9	17.9	21.7	21.0	21.3	25.7	24.1	25.0
29	---	---	---	18.3	15.3	16.3	21.5	20.0	20.9	26.4	24.5	25.5
30	---	---	---	17.1	14.5	15.6	22.3	20.9	21.5	25.6	24.0	24.9
31	---	---	---	17.2	15.2	16.2	---	---	---	27.1	24.0	25.5
Month	9.8	1.8	5.2	19.2	6.6	12.4	22.3	11.6	16.5	27.1	11.4	20.5

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, 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	26.5	25.1	25.8	---	---	---	---	---	---	---	---	---
2	26.3	25.2	25.9	---	---	---	---	---	---	---	---	---
3	26.2	24.5	25.2	---	---	---	---	---	---	---	---	---
4	26.0	24.4	25.0	---	---	---	---	---	---	---	---	---
5	26.4	24.9	25.7	---	---	---	---	---	---	---	---	---
6	26.5	25.1	25.9	---	---	---	---	---	---	---	---	---
7	26.9	24.9	25.8	---	---	---	---	---	---	---	---	---
8	28.3	25.7	26.8	---	---	---	---	---	---	---	---	---
9	28.1	27.1	27.6	---	---	---	---	---	---	---	---	---
10	27.5	25.9	26.4	---	---	---	---	---	---	---	---	---
11	27.0	25.1	26.0	---	---	---	---	---	---	---	---	---
12	27.5	25.5	26.3	---	---	---	---	---	---	---	---	---
13	26.8	25.4	26.0	---	---	---	---	---	---	---	---	---
14	25.4	21.1	23.1	---	---	---	---	---	---	---	---	---
15	22.2	20.9	21.5	---	---	---	---	---	---	---	---	---
16	23.0	21.5	22.2	---	---	---	---	---	---	---	---	---
17	25.2	22.2	23.5	---	---	---	---	---	---	---	---	---
18	26.8	25.0	25.7	---	---	---	---	---	---	---	---	---
19	27.6	26.4	26.9	---	---	---	---	---	---	---	---	---
20	27.6	25.8	26.9	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, 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	---	---	---	---	---	---	---	---	---	---	---	---

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, 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	---	---	---	---	---	---	---	---	---	10.6	10.0	10.4
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	9.3	8.9	9.1
5	---	---	---	---	---	---	---	---	---	8.9	8.2	8.6
6	---	---	---	---	---	---	---	---	---	8.2	7.2	7.8
7	---	---	---	---	---	---	---	---	---	8.2	7.4	7.9
8	---	---	---	---	---	---	---	---	---	8.2	7.4	7.9
9	---	---	---	---	---	---	---	---	---	7.7	7.1	7.4
10	---	---	---	---	---	---	---	---	---	7.5	6.7	7.2
11	---	---	---	---	---	---	---	---	---	6.9	5.4	6.1
12	---	---	---	---	---	---	---	---	---	5.6	4.0	4.7
13	---	---	---	---	---	---	7.9	6.3	7.2	4.4	3.5	3.9
14	---	---	---	---	---	---	9.4	5.8	7.7	7.2	3.1	4.4
15	---	---	---	---	---	---	9.0	8.1	8.6	7.4	5.3	6.5
16	---	---	---	---	---	---	9.0	7.3	8.2	7.3	5.1	6.2
17	---	---	---	---	---	---	8.8	7.8	8.3	8.4	7.3	8.0
18	---	---	---	---	---	---	9.0	7.3	8.2	7.8	6.8	7.3
19	---	---	---	---	---	---	8.4	6.2	7.1	7.2	5.8	6.6
20	---	---	---	---	---	---	7.9	5.0	6.2	7.9	5.0	6.6
21	---	---	---	---	---	---	6.6	4.1	5.3	8.0	5.7	6.8
22	---	---	---	---	---	---	7.6	3.4	5.1	8.4	6.4	7.7
23	---	---	---	---	---	---	8.8	5.2	7.2	8.6	6.1	7.3
24	---	---	---	---	---	---	8.9	6.1	7.8	7.7	5.9	6.9
25	---	---	---	---	---	---	8.7	7.5	8.3	7.4	4.3	5.7
26	---	---	---	---	---	---	9.1	7.4	8.4	5.4	2.3	3.8
27	---	---	---	---	---	---	9.4	8.3	8.9	2.6	1.6	2.0
28	---	---	---	---	---	---	10.0	8.3	9.1	7.8	1.7	5.0
29	---	---	---	---	---	---	10.7	9.3	10.0	7.8	7.0	7.3
30	---	---	---	---	---	---	11.2	9.8	10.5	7.3	5.5	6.4
31	---	---	---	---	---	---	---	---	---	6.8	4.2	5.4
Month	---	---	---	---	---	---	---	---	---	---	---	---

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, 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	7.6	4.3	5.7	8.8	7.8	8.4	10.0	6.1	7.5	7.6	6.1	6.8
2	5.9	3.8	4.7	8.4	5.8	7.6	7.6	5.0	6.1	8.9	5.9	7.3
3	5.6	2.5	3.3	---	---	---	7.4	5.2	6.1	10.3	7.4	8.7
4	7.8	4.9	6.6	---	---	---	8.5	4.8	6.3	10.0	8.0	9.1
5	7.9	5.8	7.0	---	---	---	9.0	6.1	7.5	9.2	5.3	7.0
6	8.2	6.2	7.5	---	---	---	8.5	6.0	7.4	8.2	5.4	6.7
7	7.7	6.1	6.9	---	---	---	9.6	6.3	7.9	9.7	7.3	8.4
8	6.3	3.9	5.0	---	---	---	8.5	6.6	7.6	8.6	2.8	4.7
9	3.9	2.3	3.1	---	---	---	10.1	6.2	7.5	4.1	2.1	3.3
10	2.5	1.7	2.1	---	---	---	9.1	6.3	7.8	7.8	2.0	3.8
11	3.3	1.6	2.3	---	---	---	9.1	6.8	7.9	9.3	7.0	8.3
12	3.5	1.8	2.4	---	---	---	9.3	6.5	7.7	8.4	7.2	7.7
13	8.3	2.9	6.7	---	---	---	11.5	7.6	9.2	7.2	6.5	6.9
14	7.5	5.1	6.1	---	---	---	12.0	8.8	10.2	7.4	6.6	6.9
15	9.6	6.9	8.1	---	---	---	10.0	8.3	9.2	7.5	5.8	6.6
16	9.7	7.9	9.1	---	---	---	9.2	6.6	7.9	8.0	5.4	7.1
17	9.7	7.3	8.5	---	---	---	8.2	6.3	7.3	7.6	6.0	6.6
18	7.3	3.2	5.2	---	---	---	---	---	---	7.4	5.5	6.4
19	9.2	3.2	6.7	---	---	---	---	---	---	7.4	6.4	6.9
20	8.5	3.9	6.5	---	---	---	---	---	---	7.7	6.0	6.9
21	8.9	3.8	6.5	---	---	---	---	---	---	7.8	6.6	7.2
22	8.5	6.0	7.3	8.3	7.0	7.7	---	---	---	7.0	6.2	6.5
23	7.5	6.6	7.0	8.3	6.1	7.3	---	---	---	7.9	5.8	6.9
24	7.6	6.6	7.1	10.2	6.7	8.3	---	---	---	8.0	5.6	6.9
25	7.7	6.9	7.2	9.9	7.9	8.7	---	---	---	8.0	6.4	7.3
26	7.5	6.3	7.1	10.4	7.9	9.1	---	---	---	8.9	7.1	7.9
27	8.0	7.0	7.4	9.9	7.0	8.1	---	---	---	8.9	7.0	8.0
28	8.3	7.1	7.7	8.9	7.2	7.8	---	---	---	8.4	6.3	7.1
29	8.5	7.5	8.0	9.7	7.0	8.2	---	---	---	8.0	5.6	6.9
30	9.0	7.4	8.2	10.6	7.4	8.9	8.2	5.2	6.7	7.3	5.7	6.9
31	---	---	---	11.4	6.7	9.6	7.6	5.6	6.7	---	---	---
Month	9.7	1.6	6.2	---	---	---	---	---	---	10.3	2.0	6.9

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, 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	7.3	5.7	6.5	9.9	4.9	8.5	9.5	6.0	8.2	9.3	7.1	8.8
2	7.8	4.8	6.8	10.0	5.2	8.6	9.6	8.0	9.0	10.1	7.4	9.1
3	7.3	5.7	6.5	10.3	5.7	9.5	10.7	8.9	9.9	9.1	6.4	7.9
4	6.7	4.3	6.0	10.1	7.5	9.1	9.9	7.8	9.0	9.3	6.7	8.2
5	8.1	5.1	6.7	10.3	9.1	9.8	10.2	7.4	9.4	9.4	7.1	8.3
6	8.3	5.3	7.2	10.3	9.4	9.9	10.2	7.8	9.6	8.9	6.8	8.1
7	7.8	5.9	6.8	10.4	8.0	9.4	10.5	7.7	9.8	9.1	7.3	8.5
8	8.8	7.0	8.0	10.3	6.6	9.1	10.5	9.6	9.9	8.8	6.4	7.9
9	8.2	6.2	7.5	9.9	6.8	8.6	10.8	9.0	10.2	9.4	7.0	8.5
10	8.2	7.1	7.6	9.2	2.2	7.3	11.0	8.4	9.9	10.4	8.6	9.7
11	8.4	7.5	7.9	9.1	4.1	7.3	---	---	---	10.3	6.6	9.0
12	8.4	7.8	8.1	9.0	4.0	7.6	---	---	---	9.4	5.0	8.3
13	8.5	7.3	7.9	9.4	5.4	8.4	---	---	---	9.3	5.0	8.0
14	8.0	7.0	7.5	8.6	3.5	6.9	---	---	---	9.5	5.2	8.1
15	7.9	5.8	7.4	8.2	4.9	6.6	---	---	---	8.2	6.2	7.7
16	9.0	7.2	8.1	9.5	5.1	8.0	---	---	---	9.7	7.0	8.7
17	8.5	6.9	7.9	9.9	4.3	8.1	---	---	---	10.9	7.6	10.1
18	8.5	6.0	7.7	10.2	8.4	9.5	---	---	---	11.3	7.1	9.9
19	8.0	4.0	7.0	9.3	5.6	8.5	10.6	8.9	9.8	10.8	8.9	10.3
20	8.3	6.2	7.5	11.1	6.6	9.2	10.6	8.2	9.9	11.6	9.3	10.4
21	8.8	5.2	8.0	12.0	10.4	11.5	10.2	8.8	9.5	11.0	9.4	10.6
22	8.2	5.5	6.9	11.8	9.9	10.8	9.9	7.0	8.7	11.4	9.6	10.6
23	8.3	5.1	7.1	10.4	9.5	10.1	9.9	8.3	9.2	10.9	8.6	10.0
24	9.7	4.2	8.0	10.4	9.8	10.0	9.9	8.3	9.3	11.1	9.3	10.6
25	9.2	6.6	8.1	10.5	9.2	9.9	10.0	7.6	9.1	11.5	8.8	10.5
26	10.2	8.4	9.5	10.5	8.4	9.3	9.5	4.1	8.3	12.2	10.4	11.5
27	10.2	9.1	9.8	9.4	8.3	8.9	9.8	8.4	9.2	12.3	11.4	11.9
28	10.0	8.4	9.6	8.7	6.5	7.7	10.1	8.3	9.2	13.1	10.4	11.9
29	9.8	6.5	8.5	8.9	5.6	8.1	9.8	8.1	9.2	12.5	11.0	11.8
30	10.5	6.8	9.5	8.9	5.9	7.7	9.6	7.2	8.7	12.4	10.1	11.7
31	10.1	8.2	9.4	---	---	---	8.8	6.8	8.1	13.0	11.0	12.3
Month	10.5	4.0	7.8	12.0	2.2	8.8	---	---	---	13.1	5.0	9.6

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, 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	12.7	10.7	11.8	11.6	9.9	10.7	9.1	5.8	7.8	8.3	6.1	7.4
2	12.8	11.2	12.2	11.5	8.8	10.8	8.7	5.3	7.8	7.9	7.2	7.5
3	12.5	10.4	11.7	10.8	9.7	10.3	8.7	4.7	7.8	8.4	7.5	8.0
4	12.7	11.5	12.2	11.0	9.0	10.5	8.0	5.4	7.3	9.2	8.2	8.6
5	13.4	12.6	13.0	10.9	9.0	10.3	8.1	4.3	7.2	9.1	8.1	8.6
6	13.8	11.8	13.2	11.9	9.0	11.3	8.2	6.1	7.7	9.9	7.3	9.0
7	13.8	12.4	13.3	11.8	10.4	11.3	9.3	6.9	8.2	10.7	9.9	10.3
8	13.9	11.1	13.0	12.0	9.8	11.6	9.6	7.0	8.6	10.0	9.6	9.9
9	13.6	11.0	12.9	11.9	9.2	10.8	9.3	7.6	8.6	9.8	9.5	9.6
10	13.1	11.6	12.6	11.5	8.9	11.0	9.2	6.6	8.1	9.5	9.1	9.3
11	13.2	12.3	12.8	11.5	8.1	10.2	10.0	7.4	9.2	9.2	8.4	9.0
12	12.9	11.0	12.3	10.9	5.6	9.3	9.6	8.4	9.1	8.6	7.5	8.2
13	12.7	9.5	12.0	10.0	8.2	9.6	9.4	7.4	8.9	8.7	7.4	8.1
14	12.3	10.4	11.8	10.1	5.3	8.2	8.9	6.8	8.1	8.2	7.7	8.0
15	13.0	11.1	12.2	9.8	5.0	8.3	9.1	7.8	8.7	8.4	7.6	8.1
16	12.6	9.8	11.9	9.9	7.7	9.3	9.3	8.3	8.8	8.3	8.0	8.2
17	12.8	11.8	12.3	10.3	7.8	9.6	10.3	9.3	9.9	8.2	7.7	8.0
18	13.0	10.7	12.3	10.6	7.7	9.7	10.1	8.3	9.4	9.2	8.2	8.7
19	13.5	12.0	13.0	11.3	10.0	10.6	10.1	9.6	9.8	8.9	8.2	8.5
20	13.2	12.3	12.9	11.4	9.7	11.0	10.2	9.4	9.8	8.6	8.0	8.3
21	12.8	11.0	12.4	11.4	8.6	10.9	10.0	9.9	9.9	8.3	7.5	8.1
22	12.3	10.0	11.7	10.8	8.7	10.4	9.9	9.2	9.7	8.4	7.7	8.0
23	12.1	9.7	11.4	10.2	5.8	8.2	9.5	8.7	9.1	7.9	6.9	7.5
24	11.9	10.1	11.4	10.1	6.5	9.1	9.2	8.1	8.9	7.9	6.4	7.4
25	12.1	11.2	11.8	10.0	5.8	9.2	8.7	7.9	8.5	7.4	6.5	7.1
26	12.0	7.6	10.7	9.6	7.4	9.0	8.4	7.5	8.1	7.7	6.1	6.9
27	11.4	6.7	10.4	9.2	5.8	8.4	8.2	7.6	7.9	8.0	6.6	7.3
28	11.6	8.3	10.7	9.2	3.4	7.9	8.3	7.5	7.9	8.2	6.7	7.4
29	---	---	---	9.9	6.4	9.0	8.3	7.3	7.9	7.8	6.7	7.4
30	---	---	---	9.2	7.6	8.5	8.1	6.1	7.0	7.5	6.3	7.0
31	---	---	---	9.4	8.7	9.0	---	---	---	7.1	6.2	6.6
Month	13.9	6.7	12.1	12.0	3.4	9.8	10.3	4.3	8.5	10.7	6.1	8.1

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, 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	7.1	5.3	6.4	---	---	---	---	---	---	---	---	---
2	7.1	5.9	6.5	---	---	---	---	---	---	---	---	---
3	7.2	6.0	6.6	---	---	---	---	---	---	---	---	---
4	7.5	6.1	6.9	---	---	---	---	---	---	---	---	---
5	7.9	5.8	6.9	---	---	---	---	---	---	---	---	---
6	8.0	6.6	7.4	---	---	---	---	---	---	---	---	---
7	7.6	5.8	7.2	---	---	---	---	---	---	---	---	---
8	7.9	5.8	7.1	---	---	---	---	---	---	---	---	---
9	7.9	6.0	7.2	---	---	---	---	---	---	---	---	---
10	8.0	6.5	7.4	---	---	---	---	---	---	---	---	---
11	7.8	6.2	7.2	---	---	---	---	---	---	---	---	---
12	7.8	5.8	6.9	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, 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	---	---	---	---	---	---	---	---	---	---	---	---

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, 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	---	---	---	---	---	---	---	---	---	106	96	101
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	100	94	97
5	---	---	---	---	---	---	---	---	---	96	90	93
6	---	---	---	---	---	---	---	---	---	93	83	88
7	---	---	---	---	---	---	---	---	---	92	85	89
8	---	---	---	---	---	---	---	---	---	88	80	84
9	---	---	---	---	---	---	---	---	---	85	75	79
10	---	---	---	---	---	---	---	---	---	83	75	80
11	---	---	---	---	---	---	---	---	---	78	61	68
12	---	---	---	---	---	---	---	---	---	64	46	53
13	---	---	---	---	---	---	84	68	76	52	40	45
14	---	---	---	---	---	---	104	63	85	83	36	51
15	---	---	---	---	---	---	104	89	96	86	61	75
16	---	---	---	---	---	---	102	83	94	84	58	71
17	---	---	---	---	---	---	97	84	90	98	84	92
18	---	---	---	---	---	---	97	76	87	91	80	85
19	---	---	---	---	---	---	90	69	77	84	67	77
20	---	---	---	---	---	---	89	54	68	93	57	76
21	---	---	---	---	---	---	73	46	59	94	66	79
22	---	---	---	---	---	---	87	38	58	98	75	90
23	---	---	---	---	---	---	103	59	82	99	71	85
24	---	---	---	---	---	---	105	70	90	89	69	80
25	---	---	---	---	---	---	104	89	97	90	51	68
26	---	---	---	---	---	---	103	87	96	65	28	46
27	---	---	---	---	---	---	101	93	97	32	19	24
28	---	---	---	---	---	---	108	88	97	100	21	63
29	---	---	---	---	---	---	111	97	104	99	86	92
30	---	---	---	---	---	---	112	99	106	92	68	81
31	---	---	---	---	---	---	---	---	---	88	54	70
Month	---	---	---	---	---	---	---	---	---	---	---	---

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, 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	99	55	74	115	99	109	137	83	104	94	75	84
2	77	49	61	109	76	99	108	69	86	109	71	89
3	70	32	42	---	---	---	105	71	86	127	89	106
4	98	61	82	---	---	---	121	67	89	126	98	114
5	97	71	86	---	---	---	124	83	103	116	66	87
6	99	75	90	---	---	---	116	82	100	101	67	82
7	94	73	82	---	---	---	132	85	107	120	89	103
8	76	48	61	---	---	---	116	89	103	106	34	57
9	48	29	38	---	---	---	136	82	100	50	26	40
10	31	21	26	---	---	---	122	83	103	98	24	47
11	40	20	29	---	---	---	117	89	103	113	86	101
12	43	22	29	---	---	---	116	79	95	99	84	90
13	101	35	81	---	---	---	146	93	115	84	76	81
14	92	61	74	---	---	---	154	109	128	88	78	82
15	117	82	97	---	---	---	129	104	117	90	69	79
16	121	95	111	---	---	---	119	83	101	95	64	84
17	121	91	106	---	---	---	104	79	92	90	71	79
18	91	40	65	---	---	---	---	---	---	91	65	77
19	117	40	85	---	---	---	---	---	---	90	77	83
20	109	49	82	---	---	---	---	---	---	93	73	83
21	116	48	84	---	---	---	---	---	---	90	76	84
22	110	76	95	111	93	102	---	---	---	84	72	77
23	100	86	91	108	80	95	---	---	---	95	68	82
24	99	86	92	134	85	107	---	---	---	98	67	83
25	101	89	93	129	102	112	---	---	---	97	78	89
26	98	82	92	136	100	117	---	---	---	107	84	94
27	102	89	94	130	90	107	---	---	---	107	82	95
28	106	89	98	119	94	103	---	---	---	100	74	84
29	110	95	103	129	92	109	---	---	---	93	66	81
30	117	94	105	144	97	119	110	69	89	86	66	81
31	---	---	---	158	89	130	95	72	85	---	---	---
Month	121	20	78	---	---	---	---	---	---	127	24	83

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, 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	86	66	76	103	51	87	97	59	82	88	68	83
2	91	55	79	103	53	89	98	82	92	94	71	86
3	87	66	76	97	58	91	104	86	96	85	60	74
4	80	50	70	96	72	87	96	73	86	88	63	78
5	96	60	80	99	85	93	93	68	86	89	68	79
6	95	61	83	98	88	94	93	72	87	89	66	80
7	90	68	78	102	77	91	96	70	90	91	73	85
8	100	79	92	101	67	90	95	79	84	88	64	79
9	92	70	84	101	70	87	89	75	84	90	67	82
10	94	80	86	93	23	74	91	69	81	93	79	87
11	97	85	91	95	42	76	---	---	---	90	57	78
12	98	90	94	94	42	79	---	---	---	82	45	73
13	95	81	89	95	54	85	---	---	---	84	45	71
14	89	76	83	85	35	69	---	---	---	87	48	75
15	86	63	79	83	50	67	---	---	---	79	59	73
16	98	77	87	99	52	83	---	---	---	91	67	83
17	92	74	86	102	44	84	---	---	---	94	65	89
18	94	65	84	102	86	95	---	---	---	95	61	85
19	88	44	77	91	54	82	97	82	90	95	77	90
20	94	71	84	103	63	87	95	73	89	100	80	89
21	96	57	88	108	96	104	90	79	85	93	79	88
22	89	59	75	107	93	101	91	63	79	96	80	89
23	87	53	75	98	90	95	91	78	86	90	72	84
24	96	44	81	97	91	94	93	77	87	93	78	89
25	88	64	80	99	87	93	94	71	85	95	73	87
26	99	80	91	98	79	87	91	39	79	97	82	92
27	99	88	96	90	78	84	91	79	86	101	91	96
28	100	86	97	84	62	74	92	75	84	108	85	97
29	98	65	85	86	54	78	90	73	83	101	88	95
30	106	68	95	88	58	75	88	65	79	100	81	93
31	102	83	95	---	---	---	81	62	75	100	86	96
Month	106	44	84	108	23	86	---	---	---	108	45	85

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, 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	98	83	91	104	87	95	94	60	81	96	70	85
2	99	86	95	104	81	98	94	57	83	93	83	87
3	100	82	93	100	89	96	99	52	87	92	85	89
4	102	92	97	103	84	96	90	60	81	96	87	91
5	104	98	101	100	80	93	90	46	79	94	86	90
6	101	87	97	103	78	98	88	62	81	98	78	92
7	105	92	100	103	91	97	91	70	82	102	96	98
8	105	83	97	102	81	98	93	67	83	100	91	96
9	104	84	97	100	78	92	90	73	83	103	95	99
10	101	87	96	104	80	97	89	64	78	104	98	101
11	100	94	98	107	72	93	94	70	88	106	96	100
12	101	88	95	100	51	86	94	85	90	100	86	95
13	102	77	96	95	78	89	96	76	89	96	85	92
14	102	86	98	99	50	79	89	68	82	93	84	88
15	101	87	96	99	49	82	94	79	89	96	84	91
16	98	77	93	101	76	93	92	82	88	95	90	92
17	103	92	97	97	72	90	97	90	94	92	88	90
18	102	84	97	96	70	88	96	78	88	97	89	93
19	103	90	99	103	89	96	97	91	93	93	86	90
20	104	98	101	109	88	102	101	90	95	95	86	90
21	105	88	101	105	78	101	102	96	98	95	83	90
22	104	83	99	105	84	98	103	96	99	94	84	89
23	103	82	96	98	57	80	101	91	96	89	77	85
24	100	84	95	106	65	92	101	85	96	88	71	81
25	101	93	98	104	60	95	99	90	94	86	72	80
26	100	65	90	98	72	89	93	84	90	89	68	78
27	101	57	91	93	62	87	93	85	89	91	74	82
28	101	72	93	100	36	84	95	85	89	94	75	84
29	---	---	---	101	65	92	95	83	89	97	76	88
30	---	---	---	96	77	86	92	70	80	92	76	85
31	---	---	---	99	88	93	---	---	---	89	75	82
Month	105	57	96	109	36	92	103	46	88	106	68	89

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, 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	89	65	79	---	---	---	---	---	---	---	---	---
2	88	72	80	---	---	---	---	---	---	---	---	---
3	88	72	81	---	---	---	---	---	---	---	---	---
4	94	74	84	---	---	---	---	---	---	---	---	---
5	98	71	85	---	---	---	---	---	---	---	---	---
6	100	81	92	---	---	---	---	---	---	---	---	---
7	96	71	89	---	---	---	---	---	---	---	---	---
8	102	72	89	---	---	---	---	---	---	---	---	---
9	101	77	92	---	---	---	---	---	---	---	---	---
10	100	80	92	---	---	---	---	---	---	---	---	---
11	98	75	89	---	---	---	---	---	---	---	---	---
12	99	72	86	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, 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	---	---	---	---	---	---	---	---	---	---	---	---

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, 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	---	---	---	19	7.9	11	---	---	---	45	15	23
2	---	---	---	15	7.4	10	---	---	---	18	6.1	10
3	---	---	---	60	11	29	---	---	---	23	5.3	12
4	---	---	---	26	8.9	14	30	6.0	11	21	12	15
5	---	---	---	14	6.5	9.8	25	5.0	11	19	9.2	14
6	---	---	---	10	5.2	6.9	13	5.0	8.5	14	6.0	9.4
7	---	---	---	45	4.3	16	22	4.8	10	34	9.9	22
8	---	---	---	38	7.9	14	35	3.6	12	35	8.3	21
9	---	---	---	15	7.2	9.9	60	10	37	32	7.0	16
10	---	---	---	17	8.2	11	20	7.8	11	31	7.4	15
11	---	---	---	9.9	6.1	7.4	17	5.5	9.6	7.4	2.2	4.3
12	---	---	---	12	5.1	7.9	40	6.6	11	3.1	0.7	1.4
13	---	---	---	15	6.1	9.1	7.5	2.7	4.4	3.5	0.0	0.8
14	---	---	---	28	6.1	13	7.9	2.4	4.7	9.4	0.0	2.0
15	---	---	---	51	12	21	8.1	3.4	5.0	8.2	2.5	4.8
16	---	---	---	20	6.8	12	6.6	3.3	4.6	7.9	2.5	4.7
17	---	---	---	35	6.8	15	9.8	3.8	6.1	8.7	4.5	6.3
18	---	---	---	32	7.0	16	10	4.7	7.5	9.0	3.9	5.8
19	85	20	44	53	10	23	7.8	2.9	4.8	7.5	2.0	3.9
20	31	12	16	28	9.2	13	4.7	1.8	3.1	8.6	0.9	4.4
21	25	8.9	13	36	5.6	15	4.2	1.8	2.6	9.6	2.8	4.8
22	13	7.5	9.2	44	8.7	16	12	1.4	3.9	18	3.5	8.9
23	17	6.9	8.4	34	7.2	12	9.0	2.7	5.2	30	4.5	10
24	28	6.9	13	28	5.3	11	12	2.3	6.3	13	5.8	8.5
25	27	7.8	14	43	7.3	13	8.9	5.0	6.8	13	4.6	7.4
26	98	8.3	54	27	7.5	12	42	8.3	17	9.6	1.5	3.7
27	37	16	25	26	6.7	13	23	9.0	14	2.1	0.3	0.9
28	28	10	17	42	7.2	15	48	10	19	12	0.0	4.9
29	---	---	---	---	---	---	79	11	33	17	4.9	8.0
30	---	---	---	---	---	---	100	15	41	10	4.2	6.4
31	---	---	---	---	---	---	---	---	---	9.8	3.2	5.5
Month	---	---	---	---	---	---	---	---	---	45	0.0	8.5

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, 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	11	3.8	6.1	16	3.9	5.7	15	3.2	8.9	35	8.0	17
2	5.6	3.0	4.3	7.4	2.9	4.5	18	5.7	8.2	14	6.1	10
3	9.2	1.9	3.1	7.0	3.1	5.2	13	6.8	9.4	17	5.0	7.4
4	8.9	4.8	6.3	8.0	4.0	6.0	35	8.1	12	14	3.9	6.2
5	12	3.6	6.1	20	3.3	7.1	37	11	15	---	---	---
6	10	2.5	5.6	13	5.2	9.3	18	11	14	---	---	---
7	10	3.3	5.4	11	5.5	7.4	20	9.4	13	---	---	---
8	5.7	2.3	3.4	13	5.2	7.2	59	9.3	15	---	---	---
9	5.6	1.0	1.9	17	6.0	9.1	17	11	13	---	---	---
10	2.1	0.1	0.8	10	5.0	6.5	69	11	18	---	---	---
11	1.9	0.0	0.5	13	5.2	6.5	28	9.0	17	---	---	---
12	5.9	0.0	0.7	11	5.4	7.1	40	14	20	---	---	---
13	10	1.2	5.8	---	---	---	42	15	24	---	---	---
14	7.3	3.8	4.7	---	---	---	30	11	20	6.7	0.2	3.7
15	12	5.4	7.8	---	---	---	46	12	24	7.2	0.1	3.5
16	8.4	3.9	5.6	---	---	---	61	12	22	14	1.2	5.5
17	8.4	3.8	5.6	---	---	---	52	14	27	13	3.2	5.8
18	6.5	2.6	4.0	---	---	---	55	5.9	19	---	---	---
19	6.5	1.8	3.2	---	---	---	14	4.2	8.3	---	---	---
20	7.7	1.8	3.6	---	---	---	16	3.0	9.1	---	---	---
21	4.9	2.5	3.5	---	---	---	30	4.3	11	---	---	---
22	9.2	3.1	5.7	18	3.9	7.5	14	4.0	8.9	---	---	---
23	12	5.2	7.6	16	3.6	7.3	12	1.7	6.6	---	---	---
24	15	4.0	7.4	11	2.9	5.2	13	2.4	6.9	---	---	---
25	12	4.8	7.6	7.1	2.3	4.0	22	1.3	6.3	---	---	---
26	21	5.9	10	9.5	3.4	5.4	17	0.0	6.6	---	---	---
27	13	4.4	6.8	12	3.7	6.2	14	0.8	7.3	---	---	---
28	11	4.7	7.1	19	2.1	6.1	12	0.4	5.7	17	0.4	6.2
29	8.3	3.9	5.8	20	3.3	11	8.8	1.0	6.3	15	0.0	5.1
30	16	4.5	6.2	34	6.4	9.5	27	5.5	11	14	1.5	6.1
31	---	---	---	27	4.5	8.1	14	6.8	10	---	---	---
Month	21	0.0	5.1	---	---	---	69	0.0	13	---	---	---

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, 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	21	0.2	4.6	12	1.5	5.2	21	3.3	8.6	5.7	0.6	3.3
2	9.8	3.5	6.8	48	2.5	11	18	4.3	8.8	31	1.2	8.0
3	22	1.7	6.3	39	3.3	15	17	6.3	12	11	1.4	4.4
4	6.7	0.1	2.1	18	4.6	10	41	5.1	12	---	---	---
5	17	0.4	6.7	19	5.6	9.4	37	3.8	12	---	---	---
6	28	4.2	11	15	2.8	5.3	20	2.9	8.3	---	---	---
7	13	3.6	8.6	8.8	1.8	4.1	32	3.0	8.3	---	---	---
8	18	7.5	12	14	0.8	3.9	32	6.3	11	---	---	---
9	23	7.8	13	14	0.9	4.2	12	3.0	7.0	---	---	---
10	11	3.1	7.1	9.3	0.8	3.0	23	2.1	5.1	---	---	---
11	14	2.3	6.9	6.8	1.1	2.9	15	2.0	4.3	---	---	---
12	11	0.1	4.3	18	1.1	4.7	5.1	2.5	3.6	---	---	---
13	11	1.0	5.6	37	3.4	13	14	1.1	3.7	---	---	---
14	10	2.9	5.3	9.9	0.0	4.3	4.0	0.2	1.3	---	---	---
15	11	1.2	3.5	13	0.2	3.1	4.7	0.5	1.5	---	---	---
16	9.3	2.4	4.7	24	1.9	7.7	5.9	0.3	2.2	---	---	---
17	16	4.2	6.9	14	1.3	4.9	6.8	0.5	1.6	---	---	---
18	8.7	2.5	4.9	16	4.1	8.8	10	0.0	2.3	---	---	---
19	7.6	1.6	3.8	8.8	1.2	5.2	12	1.5	3.7	34	3.5	8.8
20	23	0.9	7.5	---	---	---	20	2.6	6.5	41	0.9	7.6
21	17	5.3	9.2	---	---	---	10	1.6	4.2	14	2.4	5.7
22	12	2.3	6.3	---	---	---	8.0	0.5	3.1	14	2.0	4.2
23	---	---	---	---	---	---	8.2	0.1	2.2	15	0.0	2.7
24	---	---	---	---	---	---	16	0.7	2.0	9.7	0.9	2.5
25	---	---	---	---	---	---	28	0.2	6.0	6.0	0.2	2.2
26	---	---	---	---	---	---	9.1	0.4	3.4	34	2.6	9.5
27	---	---	---	---	---	---	18	2.0	6.1	23	1.5	4.5
28	42	2.8	12	8.4	2.6	5.6	9.9	1.5	4.0	18	1.3	4.8
29	12	0.9	4.8	12	2.0	5.9	11	0.9	3.8	13	3.0	7.3
30	8.5	1.9	5.8	22	0.9	6.9	16	1.5	4.0	19	1.9	4.6
31	19	2.6	4.7	---	---	---	18	0.5	3.2	51	4.6	14
Month	---	---	---	---	---	---	41	0.0	5.3	---	---	---

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, 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	11	3.0	6.1	20	3.9	7.0	16	0.8	3.6	14	2.5	7.1
2	11	3.9	6.6	40	3.9	11	22	0.0	3.5	39	4.3	9.4
3	7.0	2.1	3.9	12	2.5	6.5	13	0.6	4.1	36	8.9	19
4	6.3	1.3	3.0	13	3.2	6.5	34	1.2	7.4	23	11	15
5	41	3.9	10	24	3.0	6.1	34	3.4	11	28	8.8	16
6	46	6.6	13	62	6.7	19	25	3.8	12	130	5.2	73
7	30	7.8	15	33	5.1	10	86	2.2	16	140	66	98
8	18	5.2	9.8	39	8.6	18	14	2.8	7.0	88	36	57
9	19	5.7	11	13	4.8	8.0	12	1.1	4.1	60	26	44
10	14	4.6	7.5	30	2.3	6.1	21	0.2	3.5	47	25	32
11	15	4.3	7.8	24	1.2	6.9	10	1.9	5.7	26	16	21
12	18	1.3	4.4	14	1.7	5.8	13	0.5	5.1	19	10	13
13	9.8	1.6	4.1	9.5	2.4	4.9	15	2.2	5.1	74	10	36
14	57	4.1	13	11	0.6	3.9	13	1.1	5.1	34	16	21
15	49	7.4	20	11	0.4	4.1	23	2.6	10	44	12	20
16	17	5.0	10	32	5.3	14	28	3.4	12	22	7.4	14
17	15	3.2	8.0	56	9.2	23	100	14	38	22	11	15
18	27	2.7	7.7	25	5.9	12	41	8.2	18	67	10	32
19	27	9.0	16	36	7.0	14	26	8.4	15	37	15	22
20	20	4.0	8.7	34	3.6	8.2	32	7.5	13	30	6.5	15
21	6.4	2.9	4.8	17	5.3	11	17	3.7	9.1	22	4.1	9.6
22	25	1.9	6.8	16	4.8	8.4	17	1.2	4.3	27	7.2	13
23	49	5.9	19	15	0.2	4.8	27	0.8	5.9	34	7.8	11
24	32	8.4	14	15	0.0	5.1	32	1.8	11	20	7.3	11
25	38	4.1	11	47	0.5	15	28	1.4	5.0	18	7.1	12
26	15	0.9	6.5	18	4.8	11	13	1.0	4.6	15	4.0	8.0
27	6.6	0.1	4.0	13	1.0	5.5	19	0.0	5.5	19	3.4	8.7
28	16	2.5	6.2	20	0.2	5.6	10	0.0	5.6	24	5.7	12
29	---	---	---	32	4.7	15	14	0.8	5.3	21	7.2	13
30	---	---	---	37	6.9	10	12	1.2	3.9	17	8.0	11
31	---	---	---	12	4.1	6.7	---	---	---	22	9.8	14
Month	57	0.1	9.2	62	0.0	9.5	100	0.0	8.6	140	2.5	23

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, 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	16	2.2	9.6	---	---	---	---	---	---	---	---	---
2	36	5.8	11	---	---	---	---	---	---	---	---	---
3	40	5.7	17	---	---	---	---	---	---	---	---	---
4	26	4.6	11	---	---	---	---	---	---	---	---	---
5	18	3.1	7.4	---	---	---	---	---	---	---	---	---
6	16	5.5	11	---	---	---	---	---	---	---	---	---
7	20	5.6	10	---	---	---	---	---	---	---	---	---
8	26	5.2	11	---	---	---	---	---	---	---	---	---
9	24	5.3	13	---	---	---	---	---	---	---	---	---
10	12	5.2	8.6	---	---	---	---	---	---	---	---	---
11	12	4.3	7.9	---	---	---	---	---	---	---	---	---
12	14	3.8	6.9	---	---	---	---	---	---	---	---	---
13	17	5.1	10	---	---	---	---	---	---	---	---	---
14	24	5.4	12	---	---	---	---	---	---	---	---	---
15	25	8.3	14	---	---	---	---	---	---	---	---	---
16	12	4.8	9.2	---	---	---	---	---	---	---	---	---
17	6.8	2.1	4.0	---	---	---	---	---	---	---	---	---
18	6.5	0.9	3.2	---	---	---	---	---	---	---	---	---
19	10	1.0	4.0	---	---	---	---	---	---	---	---	---
20	28	2.0	7.6	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, NC—Continued

CHLOROPHYLL, TOTAL, WATER, FLUOROMETRIC, 650-700 NANOMETERS, IN-SITU SENSOR, MICROGRAMS PER LITER
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, NC—Continued

CHLOROPHYLL, TOTAL, WATER, FLUOROMETRIC, 650-700 NANOMETERS, IN-SITU SENSOR, MICROGRAMS PER LITER
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	11.0	8.30	9.62	---	---	---	10.6	7.80	8.48
2	---	---	---	10.3	8.50	9.23	---	---	---	10.9	6.30	9.05
3	---	---	---	13.7	9.70	11.4	---	---	---	7.80	6.10	7.04
4	---	---	---	11.1	9.30	10.2	8.60	6.30	7.38	7.40	5.70	6.57
5	---	---	---	10.5	8.50	9.29	9.30	5.90	7.29	6.90	5.10	5.96
6	---	---	---	9.80	7.90	8.79	7.10	5.10	6.43	6.40	4.80	5.51
7	---	---	---	12.2	7.90	9.93	8.50	5.60	6.83	7.60	5.00	6.62
8	---	---	---	11.9	8.70	9.66	10.0	6.30	7.76	9.00	6.10	7.27
9	---	---	---	9.80	7.90	8.90	13.3	9.40	11.5	8.30	5.50	6.61
10	---	---	---	10.1	8.10	8.88	10.1	7.60	8.81	7.60	5.40	6.35
11	---	---	---	9.90	8.00	9.04	9.40	6.40	7.81	7.30	5.10	6.08
12	---	---	---	10.6	8.70	9.58	11.2	6.30	7.80	7.10	4.50	5.45
13	---	---	---	10.0	7.90	8.93	8.50	6.10	6.90	6.40	3.60	5.08
14	---	---	---	13.0	7.60	10.0	9.50	5.80	7.55	6.10	4.10	5.03
15	---	---	---	18.5	10.2	12.8	8.90	6.30	7.77	6.40	3.70	4.65
16	---	---	---	16.3	9.50	11.2	8.90	6.10	7.34	5.60	3.90	4.54
17	---	---	---	13.4	9.10	10.9	10.3	6.70	8.64	5.60	3.40	4.19
18	---	---	---	14.1	9.70	11.7	11.4	7.80	9.06	5.90	3.50	4.66
19	19.9	14.3	16.8	17.1	9.70	11.8	15.3	5.60	10.4	6.20	4.60	5.42
20	14.6	12.1	13.5	---	---	---	7.50	4.90	6.28	5.90	3.90	4.90
21	13.2	9.80	11.6	---	---	---	6.50	4.40	5.29	5.10	3.70	4.42
22	12.0	10.1	11.0	---	---	---	6.40	3.80	4.96	6.60	4.00	4.68
23	11.7	9.00	10.5	---	---	---	7.00	3.70	5.47	8.00	4.20	5.50
24	12.1	9.10	10.7	---	---	---	7.10	4.30	5.84	8.00	5.60	6.53
25	11.7	8.80	10.1	---	---	---	6.50	5.10	5.76	8.70	6.60	7.55
26	16.5	9.10	14.4	---	---	---	8.00	5.50	7.04	8.80	6.50	7.38
27	14.7	10.5	12.5	---	---	---	8.00	6.40	7.31	7.50	5.30	6.51
28	11.1	9.30	10.3	---	---	---	9.10	6.40	7.41	7.40	5.10	6.23
29	---	---	---	---	---	---	12.1	5.80	8.32	7.70	6.00	6.62
30	---	---	---	---	---	---	12.0	6.70	9.10	8.80	6.00	6.88
31	---	---	---	---	---	---	---	---	---	8.30	6.10	7.18
Month	---	---	---	---	---	---	---	---	---	10.9	3.40	6.09

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, NC—Continued

CHLOROPHYLL, TOTAL, WATER, FLUOROMETRIC, 650-700 NANOMETERS, IN-SITU SENSOR, MICROGRAMS PER LITER
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	8.00	6.20	7.05	8.90	7.00	7.99	---	---	---	17.8	10.6	13.8
2	8.30	6.30	7.29	14.7	6.90	9.15	---	---	---	16.9	14.0	15.6
3	8.10	6.60	7.23	16.4	11.2	13.4	20.7	17.3	19.2	16.1	12.9	14.5
4	8.10	6.30	7.14	15.0	9.60	12.8	20.2	15.3	18.6	---	---	---
5	7.50	5.70	6.88	17.8	14.0	16.0	15.8	10.7	13.3	---	---	---
6	7.60	5.50	6.82	17.3	8.70	12.5	17.4	10.6	13.4	---	---	---
7	9.20	6.20	7.20	10.1	8.10	9.00	---	---	---	---	---	---
8	8.60	6.80	7.75	14.6	8.20	9.14	---	---	---	---	---	---
9	8.30	6.10	7.22	15.1	9.40	12.1	---	---	---	---	---	---
10	7.50	5.80	6.55	18.2	12.3	14.5	---	---	---	---	---	---
11	6.70	5.40	6.13	17.1	12.5	14.2	---	---	---	---	---	---
12	7.00	4.70	6.06	15.3	13.0	14.1	---	---	---	---	---	---
13	8.90	5.90	7.78	17.5	14.7	16.1	---	---	---	---	---	---
14	8.80	7.30	8.10	16.5	12.8	14.2	---	---	---	15.9	14.3	15.1
15	10.2	7.40	8.99	13.9	12.1	12.9	---	---	---	15.9	13.7	15.0
16	8.20	6.60	7.45	13.2	10.5	11.9	---	---	---	16.5	13.5	15.3
17	13.9	6.60	9.31	15.9	10.0	12.4	---	---	---	16.1	13.8	14.8
18	13.4	10.7	12.1	17.7	13.7	15.5	---	---	---	16.2	13.4	14.8
19	15.0	10.7	13.0	19.7	14.2	16.6	15.8	11.7	13.8	---	---	---
20	14.9	9.60	12.4	25.5	13.4	17.5	17.8	13.1	15.5	---	---	---
21	11.5	7.90	9.65	18.0	15.8	17.0	19.8	13.8	15.8	---	---	---
22	10.9	6.70	7.81	16.3	13.9	15.1	19.8	10.5	13.4	---	---	---
23	12.2	9.10	10.6	16.5	12.6	14.7	12.8	9.30	11.4	---	---	---
24	10.7	6.90	8.21	14.0	11.5	13.1	12.3	9.00	10.6	---	---	---
25	9.90	6.80	7.94	13.5	11.2	12.3	17.3	9.00	12.5	---	---	---
26	12.4	7.90	9.73	13.4	11.5	12.3	16.7	9.40	13.3	---	---	---
27	10.3	7.30	8.32	21.7	12.1	16.3	16.2	9.50	12.9	---	---	---
28	9.00	7.40	8.16	---	---	---	17.4	9.30	12.9	14.8	10.2	12.3
29	9.10	7.30	8.29	---	---	---	18.2	11.0	15.8	14.8	11.8	13.3
30	8.80	7.60	8.19	---	---	---	18.3	11.6	16.0	15.1	10.6	12.7
31	---	---	---	---	---	---	12.6	10.4	11.5	---	---	---
Month	15.0	4.70	8.31	---	---	---	---	---	---	---	---	---

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, NC—Continued

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

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	16.1	12.3	13.7	14.7	10.0	12.7	10.7	7.60	9.43	9.60	6.90	8.44
2	20.3	11.2	13.0	17.1	9.90	13.1	13.6	7.00	10.2	12.4	7.00	9.32
3	17.6	12.2	14.9	17.6	11.0	14.6	15.0	10.4	13.3	10.7	7.10	8.42
4	21.2	14.8	17.7	16.5	11.0	14.1	17.2	8.00	11.5	12.0	7.10	8.41
5	27.7	13.1	21.4	16.8	11.8	14.2	15.1	7.80	11.6	11.4	7.30	8.29
6	24.2	11.2	14.7	14.0	10.9	12.4	13.1	8.30	11.5	10.5	7.30	8.59
7	14.7	11.5	13.1	13.7	9.90	11.9	13.9	8.70	11.1	11.6	7.10	8.86
8	13.7	10.4	12.1	12.7	9.20	11.3	14.1	8.50	11.2	11.9	7.20	8.72
9	16.1	10.5	12.7	14.1	9.70	11.8	11.1	8.50	9.88	11.0	7.80	9.19
10	23.2	14.1	15.7	14.0	9.80	11.8	12.2	7.60	9.60	13.2	7.80	9.95
11	23.4	13.2	15.2	14.5	9.40	11.7	14.2	7.70	9.04	11.8	7.30	9.30
12	14.0	11.1	12.7	16.1	9.60	12.6	9.00	7.20	8.11	9.90	7.00	8.16
13	15.2	11.1	13.5	19.1	11.8	14.9	9.20	6.60	7.89	10.9	6.60	8.11
14	14.8	11.8	13.6	16.5	10.3	12.4	9.20	7.20	7.79	9.60	6.10	7.57
15	14.9	12.1	13.6	15.4	10.7	12.2	9.30	7.60	8.32	10.2	6.30	7.61
16	15.5	12.5	13.9	16.4	10.0	13.2	9.10	7.50	8.28	14.5	7.40	9.59
17	15.2	11.9	13.8	17.2	7.70	12.0	8.80	7.10	7.88	16.3	8.10	12.6
18	16.0	11.8	14.4	16.3	11.1	14.3	10.6	7.00	8.58	12.5	6.70	9.00
19	15.9	11.0	13.6	15.1	9.00	12.4	11.4	7.90	9.65	12.0	6.90	8.33
20	16.5	10.8	14.3	15.3	10.1	12.4	12.8	8.30	9.64	12.0	6.10	8.00
21	19.6	14.4	16.4	20.4	11.7	16.8	11.2	8.50	9.50	11.0	6.70	7.99
22	18.4	12.6	15.1	21.0	14.4	17.5	13.4	7.90	9.27	10.5	6.70	7.85
23	23.5	13.0	17.9	17.9	13.0	15.1	11.6	6.70	8.21	10.1	6.40	7.63
24	19.5	10.5	15.7	19.1	11.5	14.5	11.0	7.30	8.31	8.80	6.20	7.64
25	20.0	10.5	15.0	15.4	10.9	13.3	12.4	7.40	9.11	10.8	6.80	8.08
26	21.0	14.7	18.9	15.5	11.0	12.8	9.60	6.40	8.14	12.2	7.50	9.28
27	19.6	12.1	16.5	13.3	7.90	11.2	12.4	7.30	8.84	11.8	7.70	8.81
28	17.8	8.60	13.1	11.4	8.20	9.91	10.1	7.40	8.48	11.4	7.20	9.16
29	18.2	8.80	13.7	11.5	7.80	9.57	10.5	6.90	8.21	10.5	7.10	9.12
30	15.6	9.50	12.5	12.0	8.20	10.1	10.2	7.20	8.19	11.0	7.20	8.68
31	18.4	11.3	13.0	---	---	---	11.2	7.60	8.62	12.3	8.00	9.99
Month	27.7	8.60	14.7	21.0	7.70	12.9	17.2	6.40	9.33	16.3	6.10	8.73

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, NC—Continued

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

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	11.2	7.40	8.98	15.5	9.20	11.8	11.5	7.10	8.53	---	---	---
2	10.3	8.00	9.06	15.7	9.90	13.1	10.5	6.60	7.79	---	---	---
3	12.7	7.20	8.54	14.8	10.2	12.4	10.3	6.90	8.67	13.6	9.00	11.2
4	10.5	7.20	8.48	16.5	9.70	13.5	11.9	7.30	9.11	13.8	10.0	12.1
5	14.7	9.40	10.4	16.4	9.00	13.4	12.1	7.80	9.78	13.8	11.1	12.5
6	13.8	8.90	10.3	19.9	12.7	16.5	12.1	8.50	10.0	23.8	9.20	18.0
7	14.3	8.20	10.3	18.2	11.7	15.2	16.1	8.20	10.6	24.9	18.9	21.5
8	15.8	8.20	9.59	21.5	13.2	16.9	12.8	8.00	10.1	21.1	16.6	18.4
9	10.8	7.70	9.54	16.4	9.00	12.8	14.7	7.30	8.97	18.6	13.6	16.1
10	10.5	8.00	9.17	17.3	8.00	12.4	12.2	6.70	8.38	15.5	12.0	13.7
11	11.0	8.60	9.46	16.2	8.90	12.3	12.1	7.40	9.28	12.4	9.90	11.3
12	10.8	6.70	8.62	14.2	7.50	10.5	10.7	6.80	8.92	11.8	7.80	9.73
13	10.9	7.30	8.65	12.3	8.30	10.2	10.8	7.30	8.89	18.4	8.90	13.1
14	13.2	7.00	9.81	11.2	6.60	8.53	11.5	7.30	8.92	13.7	10.8	12.1
15	13.3	8.20	11.4	11.3	6.50	8.25	11.3	8.30	9.59	12.5	8.80	11.0
16	17.1	7.70	10.2	16.6	10.0	13.4	11.7	7.90	9.83	12.7	8.30	10.5
17	13.0	8.80	10.2	22.5	10.8	16.9	17.8	11.0	14.3	13.8	10.3	12.0
18	12.8	8.40	10.4	19.2	10.5	13.3	16.1	10.1	13.3	19.2	11.2	15.6
19	13.5	10.1	12.0	13.9	9.90	12.2	14.5	11.9	13.2	18.1	13.3	16.2
20	16.0	10.4	11.8	11.8	7.80	9.09	13.6	10.2	11.8	17.3	11.9	14.8
21	15.6	10.2	11.9	15.1	8.30	12.2	11.2	7.20	8.95	12.7	6.70	9.74
22	15.0	9.50	11.7	13.5	8.70	10.9	8.00	6.60	7.39	14.1	6.70	8.56
23	17.0	10.5	14.2	11.4	7.10	8.49	8.80	6.30	7.26	11.6	6.90	8.39
24	16.1	11.4	13.7	14.2	6.90	10.5	8.60	6.70	7.58	9.70	6.50	7.93
25	16.0	11.7	13.3	19.6	8.30	14.8	8.70	6.70	7.59	9.70	7.20	8.46
26	15.1	8.00	11.2	19.0	11.6	15.4	9.60	6.90	8.13	9.70	6.00	7.86
27	15.3	7.30	10.1	19.9	8.40	11.9	---	---	---	12.5	6.70	8.44
28	14.8	8.40	11.4	14.9	7.70	10.9	---	---	---	10.1	7.10	8.75
29	---	---	---	19.4	11.2	15.2	---	---	---	9.80	6.90	8.25
30	---	---	---	15.8	9.90	12.7	---	---	---	9.70	6.50	8.01
31	---	---	---	12.9	8.90	11.0	---	---	---	9.90	7.80	8.78
Month	17.1	6.70	10.5	22.5	6.50	12.5	---	---	---	---	---	---

0204343500 INTRACOASTAL WATERWAY AT COINJOCK, NC—Continued

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

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	10.9	5.90	8.04	---	---	---	---	---	---	---	---	---
2	10.4	7.10	8.58	---	---	---	---	---	---	---	---	---
3	10.5	7.10	9.03	---	---	---	---	---	---	---	---	---
4	10.5	6.50	8.15	---	---	---	---	---	---	---	---	---
5	9.80	5.90	7.82	---	---	---	---	---	---	---	---	---
6	9.60	6.80	8.44	---	---	---	---	---	---	---	---	---
7	9.50	6.70	7.89	---	---	---	---	---	---	---	---	---
8	10.6	7.00	8.41	---	---	---	---	---	---	---	---	---
9	10.7	7.30	8.61	---	---	---	---	---	---	---	---	---
10	9.40	7.10	8.17	---	---	---	---	---	---	---	---	---
11	9.90	7.30	8.48	---	---	---	---	---	---	---	---	---
12	11.4	7.10	8.29	---	---	---	---	---	---	---	---	---
13	11.2	7.40	8.68	---	---	---	---	---	---	---	---	---
14	10.0	7.20	8.65	---	---	---	---	---	---	---	---	---
15	11.0	7.30	9.47	---	---	---	---	---	---	---	---	---
16	10.7	6.10	8.40	---	---	---	---	---	---	---	---	---
17	7.20	4.80	6.10	---	---	---	---	---	---	---	---	---
18	7.50	4.80	5.78	---	---	---	---	---	---	---	---	---
19	10.0	4.70	6.46	---	---	---	---	---	---	---	---	---
20	10.1	5.90	7.47	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---