

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, NC

Albemarle-Chowan Basin
Albemarle Subbasin

LOCATION.--Lat 36°30'44", long 76°05'12" referenced to North American Datum of 1983, Currituck County, NC, Hydrologic Unit 03010205, 0.5 mi above mouth, 4.5 mi southeast of Moyock.

DRAINAGE AREA.--196 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--

DISCHARGE: January 2006 to August 2007 (discontinued).

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

GAGE.--Water-stage recorder and acoustic velocity meter. Datum of gage is 9.55 below North American Vertical Datum of 1988. Satellite telemetry at station.

REMARKS.--Discharge and gage-height records good. The astronomical tides occur at primary harmonic periods of 12.42 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, 8,700 ft³/s, June 14, 2006; maximum gage height, 11.88 ft, September 2, 2006; minimum discharge -6,010 ft³/s, September 1, 2006; minimum gage height, 6.74 ft, May 8, 2007.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 5,270 ft³/s, November 22; maximum gage height, 10.98 ft, November 16; minimum discharge, -5,750 ft³/s, November 16; minimum gage height, 6.74 ft, May 8.

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, NC—Continued

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

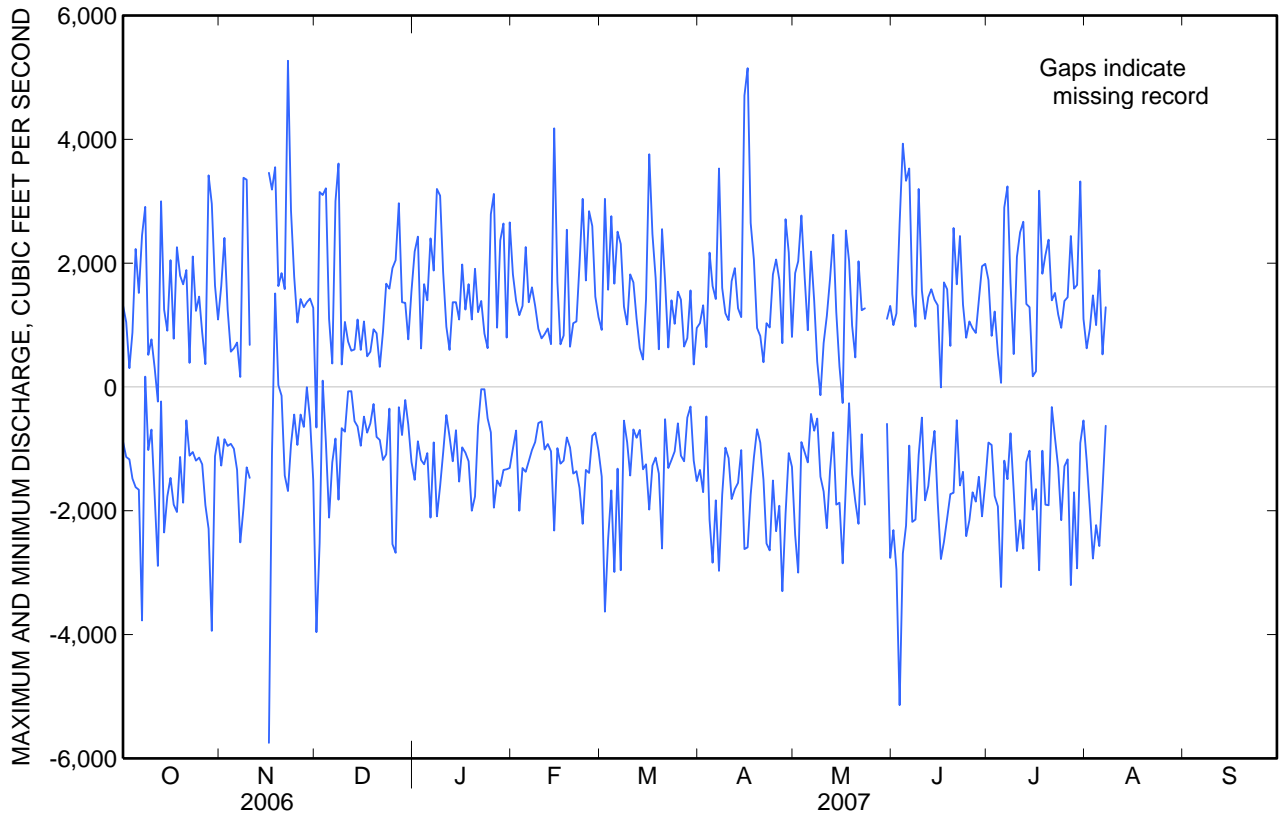
Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
1	1,320	-883	1,630	-1,270	-656	-3,960	2,190	-1,500	1,820	-996	922	-1,450
2	1,050	-1,130	2,410	-844	3,150	-2,520	2,430	-877	1,390	-705	3,040	-3,630
3	304	-1,170	1,250	-952	3,100	101	623	-1,180	1,160	-2,000	1,570	-2,460
4	882	-1,480	572	-918	3,210	-891	1,660	-1,250	1,310	-1,310	2,760	-1,670
5	2,230	-1,620	625	-1,000	1,100	-2,110	1,400	-1,070	2,260	-1,370	1,670	-2,990
6	1,520	-1,660	718	-1,340	380	-1,220	2,400	-2,110	1,370	-1,200	2,510	-1,320
7	2,450	-3,770	162	-2,510	3,000	-835	1,880	-897	1,610	-1,020	2,310	-2,960
8	2,910	166	3,380	-1,960	3,610	-1,820	3,200	-2,090	1,310	-891	1,300	-545
9	520	-1,020	3,350	-1,300	364	-665	3,090	-1,600	939	-582	1,010	-893
10	770	-688	680	-1,470	1,050	-723	1,850	-1,060	785	-556	1,820	-1,430
11	307	-1,760	---	---	734	-72	973	-454	853	-1,010	1,690	-687
12	-235	-2,890	---	---	587	-69	599	-803	945	-921	1,100	-822
13	3,000	-235	---	---	607	-553	1,370	-1,200	692	-1,040	624	-693
14	1,250	-2,350	---	---	1,090	-637	1,370	-699	4,180	-2,320	443	-1,330
15	909	-1,770	---	---	598	-949	1,090	-1,530	1,700	-990	1,420	-1,250
16	2,050	-1,470	3,460	-5,750	1,060	-480	1,980	-977	690	-1,240	3,760	-1,980
17	780	-1,900	3,190	-1,100	496	-738	1,250	-1,060	832	-1,190	2,470	-1,270
18	2,260	-2,020	3,550	1,510	571	-589	1,660	-1,200	2,540	-816	1,760	-1,140
19	1,800	-1,130	1,630	30	932	-275	1,090	-2,000	651	-979	608	-1,400
20	1,660	-1,870	1,840	-142	869	-807	1,910	-1,770	1,030	-1,400	2,550	-2,610
21	1,890	-540	1,580	-1,430	325	-856	1,210	-635	1,060	-1,360	1,710	-520
22	390	-1,110	5,270	-1,680	896	-1,180	1,390	-37	1,970	-1,630	638	-1,310
23	2,110	-1,050	2,850	-932	1,670	-1,090	863	-37	3,040	-2,210	1,400	-1,180
24	1,230	-1,190	1,780	-445	1,590	-350	628	-509	1,720	-1,340	1,020	-1,040
25	1,460	-1,140	1,040	-936	1,920	-2,540	2,790	-733	2,840	-1,390	1,540	-589
26	878	-1,250	1,420	-447	2,050	-2,680	3,120	-1,950	2,600	-789	1,410	-1,110
27	369	-1,910	1,290	-644	2,970	-326	959	-1,510	1,460	-738	652	-1,200
28	3,420	-2,290	1,370	-5.1	1,370	-778	2,370	-1,600	1,130	-1,030	791	-494
29	2,960	-3,940	1,430	-523	1,360	-212	2,640	-1,340	---	---	1,560	-317
30	1,640	-1,120	1,280	-1,510	770	-610	797	-1,330	---	---	365	-1,190
31	1,090	-811	---	---	1,550	-1,210	2,660	-1,310	---	---	953	-1,520
Month	3,420	-3,940	---	---	3,610	-3,960	3,200	-2,110	4,180	-2,320	3,760	-3,630

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, 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	1,030	-1,340	1,840	-2,390	999	-2,310	1,730	-898	626	-1,190	---	---
2	1,320	-1,700	2,030	-3,000	1,190	-2,950	828	-936	943	-1,970	---	---
3	642	-476	2,770	-891	2,650	-5,140	1,220	-1,760	1,480	-2,770	---	---
4	2,170	-2,150	1,790	-1,050	3,930	-2,690	550	-1,930	1,000	-2,230	---	---
5	1,630	-2,840	917	-1,220	3,330	-2,240	68	-3,230	1,890	-2,570	---	---
6	1,420	-1,830	2,190	-437	3,530	-946	2,900	-1,190	528	-1,650	---	---
7	3,530	-2,970	1,390	-708	1,500	-2,180	3,240	-1,490	1,290	-627	---	---
8	1,600	-1,740	404	-510	973	-2,140	1,680	-747	---	---	---	---
9	1,190	-981	-132	-1,450	3,200	-1,100	532	-1,680	---	---	---	---
10	1,080	-1,150	710	-1,690	1,560	-495	2,100	-2,650	---	---	---	---
11	1,710	-1,810	1,150	-2,280	1,100	-1,830	2,500	-2,150	---	---	---	---
12	1,920	-1,650	1,750	-1,350	1,450	-1,600	2,670	-2,610	---	---	---	---
13	1,270	-1,550	2,460	-732	1,580	-1,100	1,340	-1,210	---	---	---	---
14	1,130	-1,020	1,210	-1,900	1,410	-710	1,290	-1,030	---	---	---	---
15	4,710	-2,620	331	-1,870	1,320	-1,860	173	-1,980	---	---	---	---
16	5,150	-2,590	-258	-2,850	-4.9	-2,780	252	-1,650	---	---	---	---
17	2,650	-1,740	2,530	-1,580	1,690	-2,500	3,170	-2,960	---	---	---	---
18	2,060	-1,140	2,030	-262	1,580	-2,120	1,830	-1,030	---	---	---	---
19	952	-683	989	-1,410	663	-1,730	2,130	-1,900	---	---	---	---
20	823	-901	477	-1,850	2,570	-1,710	2,380	-1,910	---	---	---	---
21	400	-1,500	2,030	-2,210	1,660	-535	1,400	-324	---	---	---	---
22	1,030	-2,530	1,240	-764	2,440	-1,590	1,520	-824	---	---	---	---
23	962	-2,640	1,270	-1,900	1,330	-1,370	1,170	-1,300	---	---	---	---
24	1,820	-1,510	---	---	795	-2,410	957	-2,150	---	---	---	---
25	2,060	-2,330	---	---	1,060	-2,150	1,390	-1,280	---	---	---	---
26	1,730	-1,920	---	---	947	-1,700	1,450	-1,170	---	---	---	---
27	708	-3,300	---	---	874	-1,850	2,440	-3,200	---	---	---	---
28	2,710	-2,050	---	---	1,400	-1,450	1,590	-1,700	---	---	---	---
29	2,170	-1,070	---	---	1,950	-2,090	1,650	-2,930	---	---	---	---
30	808	-1,290	1,100	-596	1,990	-1,550	3,320	-905	---	---	---	---
31	---	---	1,310	-2,760	---	---	1,100	-541	---	---	---	---
Month	5,150	-3,300	---	---	3,930	-5,140	3,320	-3,230	---	---	---	---

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, NC—Continued



02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, NC—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

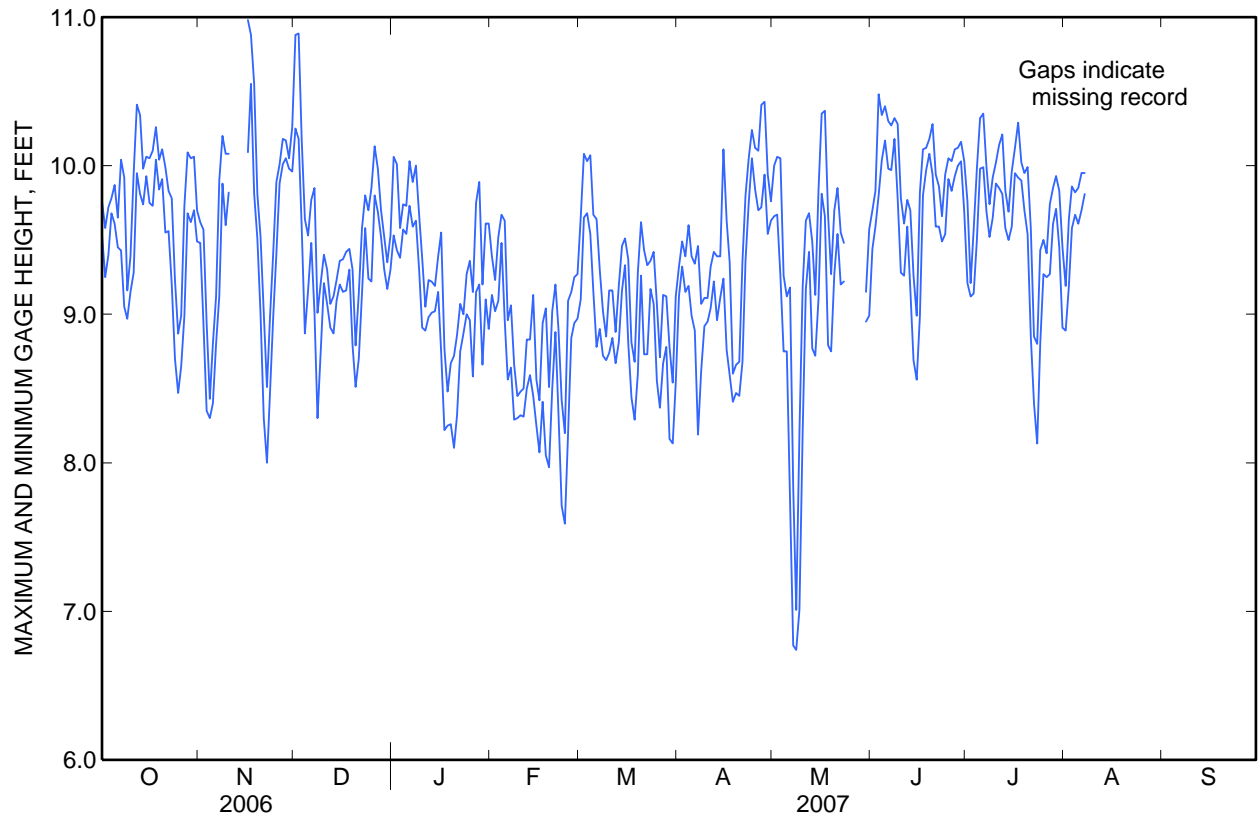
Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
1	9.76	9.54	9.62	9.48	10.88	10.25	10.06	9.53	9.39	9.13	9.65	9.10
2	9.58	9.25	9.57	8.94	10.89	10.18	10.01	9.43	9.23	9.02	10.08	9.65
3	9.72	9.40	8.94	8.35	10.18	9.59	9.58	9.38	9.52	9.09	10.03	9.68
4	9.78	9.68	8.43	8.30	9.64	8.87	9.74	9.57	9.67	9.48	10.07	9.54
5	9.87	9.61	8.80	8.40	9.53	9.16	9.73	9.54	9.63	8.96	9.67	9.15
6	9.65	9.45	9.12	8.80	9.77	9.48	10.03	9.73	8.96	8.56	9.64	8.78
7	10.04	9.43	9.90	9.12	9.85	9.01	9.89	9.59	9.06	8.64	9.30	8.90
8	9.92	9.05	10.20	9.88	9.01	8.30	10.00	9.63	8.66	8.29	9.02	8.72
9	9.16	8.97	10.08	9.60	9.21	8.75	9.67	9.30	8.45	8.30	8.85	8.69
10	9.39	9.15	10.08	9.82	9.40	9.21	9.38	8.91	8.48	8.32	9.16	8.74
11	9.95	9.28	---	---	9.30	9.07	9.05	8.89	8.50	8.31	9.16	8.84
12	10.41	9.95	---	---	9.07	8.91	9.23	8.98	8.83	8.50	8.88	8.67
13	10.34	9.81	---	---	9.12	8.87	9.22	9.01	8.83	8.59	9.19	8.81
14	9.98	9.74	---	---	9.23	9.09	9.19	9.02	9.13	8.45	9.46	9.16
15	10.06	9.93	---	---	9.36	9.20	9.39	9.15	8.56	8.25	9.51	9.33
16	10.05	9.75	10.98	10.09	9.37	9.15	9.55	8.74	8.42	8.07	9.37	8.81
17	10.10	9.73	10.88	10.55	9.42	9.16	8.77	8.22	8.94	8.41	8.81	8.44
18	10.26	10.04	10.55	9.81	9.44	9.30	8.48	8.25	9.04	8.05	8.68	8.29
19	10.04	9.84	9.81	9.51	9.30	8.79	8.67	8.26	8.51	7.97	9.28	8.60
20	10.11	9.91	9.52	9.00	8.79	8.51	8.72	8.10	9.02	8.50	9.62	9.26
21	9.99	9.55	9.01	8.30	9.14	8.70	8.86	8.32	9.20	8.88	9.43	8.73
22	9.83	9.56	8.51	8.00	9.58	9.14	9.07	8.75	8.90	8.33	9.33	8.73
23	9.78	9.20	8.98	8.47	9.80	9.58	9.00	8.87	8.42	7.71	9.36	9.17
24	9.23	8.70	9.41	8.98	9.70	9.24	9.27	9.00	8.20	7.59	9.42	9.07
25	8.87	8.47	9.89	9.41	9.85	9.22	9.36	8.96	9.09	8.20	9.07	8.55
26	8.99	8.65	10.01	9.88	10.13	9.80	9.15	8.58	9.15	8.84	8.71	8.37
27	9.73	8.99	10.18	10.01	9.98	9.69	9.75	9.15	9.25	8.94	9.13	8.67
28	10.09	9.68	10.17	10.05	9.70	9.52	9.89	9.20	9.27	8.97	9.12	8.78
29	10.05	9.62	10.05	9.98	9.52	9.30	9.20	8.66	---	---	8.78	8.16
30	10.06	9.70	10.26	9.96	9.35	9.17	9.61	9.10	---	---	8.54	8.13
31	9.70	9.49	---	---	9.53	9.30	9.61	8.90	---	---	9.12	8.54
Month	10.41	8.47	---	---	10.89	8.30	10.06	8.10	9.67	7.59	10.08	8.13

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, 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	9.32	9.12	10.00	9.66	9.70	9.44	9.76	9.21	9.19	8.89	---	---
2	9.49	9.32	10.06	9.67	9.83	9.59	9.21	9.12	9.64	9.19	---	---
3	9.39	9.15	10.05	9.26	10.48	9.80	9.57	9.14	9.86	9.58	---	---
4	9.60	9.19	9.26	8.75	10.34	10.04	9.98	9.50	9.82	9.67	---	---
5	9.39	8.99	9.12	8.75	10.40	10.17	10.32	9.98	9.85	9.61	---	---
6	9.34	8.89	9.18	7.76	10.30	9.98	10.35	9.99	9.95	9.70	---	---
7	9.46	8.19	7.84	6.77	10.27	9.97	9.99	9.69	9.95	9.81	---	---
8	9.07	8.62	7.01	6.74	10.32	10.18	9.74	9.52	---	---	---	---
9	9.11	8.92	8.20	7.01	10.28	9.78	9.92	9.65	---	---	---	---
10	9.11	8.95	9.18	8.20	9.78	9.28	10.02	9.88	---	---	---	---
11	9.32	9.04	9.63	9.17	9.61	9.26	10.14	9.85	---	---	---	---
12	9.42	9.22	9.68	9.42	9.77	9.59	10.21	9.81	---	---	---	---
13	9.39	8.96	9.49	8.77	9.70	9.17	9.83	9.58	---	---	---	---
14	9.39	9.11	9.13	8.72	9.26	8.69	9.69	9.50	---	---	---	---
15	10.11	9.24	9.83	9.10	8.99	8.56	9.96	9.59	---	---	---	---
16	9.63	8.76	10.35	9.81	9.82	8.99	10.12	9.95	---	---	---	---
17	9.35	8.59	10.37	9.66	10.11	9.80	10.29	9.92	---	---	---	---
18	8.60	8.41	9.67	8.79	10.12	9.97	10.02	9.90	---	---	---	---
19	8.66	8.47	9.27	8.75	10.18	10.08	9.95	9.70	---	---	---	---
20	8.68	8.45	9.70	9.27	10.28	9.94	9.99	9.54	---	---	---	---
21	9.36	8.68	9.85	9.54	9.94	9.59	9.58	8.85	---	---	---	---
22	9.80	9.36	9.55	9.20	9.86	9.59	8.85	8.40	---	---	---	---
23	10.05	9.75	9.48	9.22	9.66	9.49	8.80	8.13	---	---	---	---
24	10.24	10.05	---	---	9.94	9.54	9.43	8.80	---	---	---	---
25	10.12	9.84	---	---	10.05	9.91	9.50	9.27	---	---	---	---
26	10.10	9.70	---	---	10.03	9.83	9.41	9.25	---	---	---	---
27	10.41	9.72	---	---	10.11	9.93	9.74	9.27	---	---	---	---
28	10.43	9.94	---	---	10.12	10.00	9.85	9.61	---	---	---	---
29	9.94	9.54	---	---	10.16	10.03	9.93	9.71	---	---	---	---
30	9.76	9.63	9.15	8.95	10.03	9.69	9.83	9.45	---	---	---	---
31	---	---	9.57	8.99	---	---	9.45	8.91	---	---	---	---
Month	10.43	8.19	---	---	10.48	8.56	10.35	8.13	---	---	---	---

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, NC—Continued



02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, NC—Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

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

INSTRUMENTATION.--Self-logging water-quality monitor since March 2006 until 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, 3,670 microsiemens, May 27, 2006; minimum recorded, 117 microsiemens, November 28, 29, 2006.
- SALINITY: Maximum recorded, 1.9 ppt, May 11, 12, 27, 2006; minimum recorded, 0.05 ppt, on several days during the period.
- pH: Maximum recorded, 8.6 standard units, August 29, 2006; minimum recorded, 6.0 standard units, June 19, 2006, November 28, 2006.
- WATER TEMPERATURE: Maximum recorded, 33.7°C, August 4, 2006; minimum recorded, 2.7°C, February 6, 2007.
- DISSOLVED OXYGEN: Maximum recorded, 13.9 mg/L, February 20, 2007; minimum recorded, 0.1 mg/L, June 30, 2006, July 1, 2, 2006.
- DISSOLVED OXYGEN, PERCENT SATURATION: Maximum recorded, 130%, August 29, 2006; minimum recorded, 1.0%, June 30, 2006, July 1, 2, 2006.
- TURBIDITY: Maximum recorded, 1,120 FNU, April 11, 2006; minimum recorded, <5 FNU, on many days during the period.
- CHLOROPHYLL: Maximum recorded, 42.8 ug/L, July 2, 2006; minimum recorded, 5.90 ug/L, May 27, 2006.

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

Part 1 of 2

[Remark codes: <, less than.]

Date	Time	Instantaneous discharge, cfs (00061)	Transparency Secchi disc, meters (00078)	Turbidity, IR LED light, 90 deg, FNU (63680)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unf 25 degC (00095)	Temperature, water, deg C (00010)	Silica, water, fltrd, mg/L (00955)	Residue total non-filterable, mg/L (00530)	Residue volatile, suspended, mg/L (00535)
Sep 25...	0955	1,900	.67	1.4	762	6.4	76	6.7	1,190	23.8	3.4	<20	<20

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, NC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 2 of 2

[Remark codes: <, less than.]

Date	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water, fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Particulate nitro- gen, susp, water, mg/L (49570)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Total carbon, suspnd sedimnt total, mg/L (00694)	Inor- ganic carbon, suspnd sedimnt total, mg/L (00688)	Organic carbon, water, fltrd, mg/L (00681)	Chloro- phyll a phyto- plank- ton, fluoro, µg/L (70953)	Chloro- phyll, tot, wt 650-700 nm, in-situ µg/L (62361)	Pheo- phytin a, phyto- plank- ton, µg/L (62360)
	Sep 25...	.73	.038	.037	.003	.20	.82	.008	1.4	<.1	15.3	16.8	13.2

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 1 of 2

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

Date	Time	Instantaneous dis- charge, cfs (00061)	Trans- parency Secchi disc, meters (00078)	Turb- idity, IR LED light, det ang 90 deg, FNU (63680)	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfltrd field, std units (00400)	Specif- ic conduc- tance, wat unf µS/cm 25 degC (00095)	Temper- ature, water, deg C (00010)	Silica, water, fltrd, mg/L (00955)	Residue total non- filter- able, mg/L (00530)	Residue vola- tile, sus- pended, mg/L (00535)
		Apr 24...	0905	-1,280	.70	6.2	764	9.5	99	7.3	1,210	17.4	4.0

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 2 of 2

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

Date	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water, fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Particulate nitro- gen, susp, water, mg/L (49570)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Total carbon, suspnd sedimnt total, mg/L (00694)	Inor- ganic carbon, suspnd sedimnt total, mg/L (00688)	Organic carbon, water, fltrd, mg/L (00681)	Chloro- phyll a phyto- plank- ton, fluoro, µg/L (70953)	Chloro- phyll, tot, wt 650-700 nm, in-situ µg/L (62361)	Pheo- phytin a, phyto- plank- ton, µg/L (62360)
	Apr 24...	.66	<.020	<.016	<.002	.23	.64	E.003	1.9	<.1	15.5	7.2	12.0

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, NC—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

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

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, 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	---	---	---	---	---	---	1.6	1.4	1.5	0.4	0.4	0.4
2	---	---	---	---	---	---	1.6	1.4	1.5	1.2	0.4	0.7
3	---	---	---	---	---	---	1.6	1.4	1.5	1.7	1.2	1.4
4	---	---	---	0.8	0.5	0.6	1.5	1.3	1.4	1.8	1.6	1.7
5	---	---	---	0.8	0.5	0.6	1.5	1.2	1.4	1.7	1.5	1.6
6	---	---	---	1.0	0.8	0.8	1.5	1.3	1.3	1.7	1.5	1.6
7	---	---	---	0.8	0.5	0.6	1.6	1.4	1.5	1.6	1.5	1.6
8	---	---	---	1.1	0.6	0.8	1.8	1.5	1.7	1.6	1.1	1.3
9	---	---	---	1.2	0.9	1.1	1.5	0.9	1.1	1.1	0.8	0.9
10	---	---	---	1.4	0.9	1.2	1.0	0.8	0.9	1.3	0.9	1.1
11	---	---	---	1.4	1.0	1.2	1.2	0.9	1.0	1.9	1.3	1.6
12	---	---	---	1.1	1.0	1.0	1.4	1.1	1.2	1.9	1.6	1.7
13	---	---	---	1.3	1.1	1.2	1.4	1.3	1.4	1.7	1.5	1.6
14	---	---	---	1.3	1.1	1.2	1.4	1.2	1.3	1.8	1.7	1.7
15	---	---	---	1.5	0.8	1.0	1.3	1.0	1.2	1.8	1.7	1.7
16	---	---	---	1.4	1.2	1.3	1.0	0.8	0.9	1.7	1.6	1.7
17	---	---	---	1.4	1.0	1.3	1.1	0.6	0.9	1.7	1.4	1.5
18	---	---	---	1.1	0.7	0.9	0.8	0.6	0.7	1.6	1.4	1.6
19	---	---	---	1.1	0.7	0.8	1.2	0.7	0.9	1.7	1.4	1.5
20	---	---	---	1.4	0.9	1.1	1.2	1.0	1.1	1.6	1.2	1.4
21	---	---	---	1.4	0.8	1.1	1.4	1.1	1.3	1.6	1.0	1.2
22	---	---	---	0.9	0.5	0.7	1.7	1.4	1.5	1.1	0.8	1.00
23	---	---	---	1.1	0.6	0.8	1.6	1.5	1.6	1.2	0.9	1.0
24	---	---	---	1.1	0.7	0.9	1.6	1.6	1.6	1.2	0.8	0.9
25	---	---	---	0.7	0.5	0.6	1.6	1.4	1.5	1.3	1.2	1.3
26	---	---	---	1.0	0.6	0.7	1.5	1.0	1.2	1.8	1.3	1.5
27	---	---	---	1.5	0.8	1.0	1.0	0.8	0.9	1.9	1.6	1.8
28	---	---	---	1.8	1.4	1.6	0.8	0.7	0.8	1.6	1.2	1.4
29	---	---	---	1.6	1.3	1.5	0.7	0.5	0.6	1.2	1.1	1.1
30	---	---	---	1.4	1.2	1.3	0.5	0.4	0.5	1.5	1.0	1.2
31	---	---	---	1.5	1.4	1.4	---	---	---	1.5	1.3	1.4
Month	---	---	---	---	---	---	1.8	0.4	1.2	1.9	0.4	1.4

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, 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	---	---	---	0.2	0.1	0.2	0.3	0.1	0.2	1.3	0.8	1.00
2	---	---	---	0.2	0.1	0.1	0.5	0.2	0.3	0.8	0.3	0.6
3	---	---	---	0.2	0.2	0.2	0.6	0.3	0.5	---	---	---
4	---	---	---	0.2	0.1	0.2	0.7	0.4	0.6	---	---	---
5	---	---	---	0.5	0.2	0.4	0.4	0.3	0.4	---	---	---
6	---	---	---	0.4	0.2	0.3	0.4	0.3	0.4	---	---	---
7	0.9	0.6	0.6	0.2	0.1	0.1	0.5	0.4	0.5	---	---	---
8	1.2	0.9	1.1	0.1	0.1	0.1	0.7	0.5	0.5	---	---	---
9	1.0	0.7	0.9	0.2	0.1	0.2	0.5	0.4	0.5	---	---	---
10	0.8	0.5	0.6	0.3	0.2	0.2	0.5	0.4	0.5	---	---	---
11	0.8	0.5	0.6	0.4	0.2	0.3	0.5	0.4	0.5	---	---	---
12	0.8	0.5	0.6	0.5	0.2	0.4	0.4	0.3	0.4	0.10	0.09	0.09
13	0.5	0.4	0.4	0.8	0.5	0.6	0.6	0.3	0.4	0.1	0.07	0.08
14	0.6	0.2	0.4	0.7	0.2	0.5	0.6	0.6	0.6	0.5	0.1	0.3
15	0.3	0.08	0.1	0.2	0.1	0.1	1.0	0.6	0.8	0.4	0.2	0.4
16	0.10	0.06	0.07	0.1	0.1	0.1	1.1	0.7	0.8	0.2	0.1	0.1
17	0.09	0.06	0.06	0.2	0.09	0.1	0.7	0.6	0.6	0.1	0.10	0.1
18	0.07	0.05	0.06	0.2	0.1	0.2	0.8	0.6	0.7	0.3	0.1	0.1
19	0.07	0.05	0.06	0.2	0.1	0.1	0.9	0.7	0.8	0.6	0.2	0.4
20	0.10	0.05	0.07	0.2	0.09	0.1	0.9	0.8	0.9	0.5	0.2	0.4
21	0.06	0.05	0.05	0.3	0.2	0.3	1.0	0.8	0.9	0.2	0.1	0.1
22	0.06	0.05	0.05	1.2	0.3	0.7	0.9	0.8	0.8	0.2	0.1	0.2
23	0.7	0.06	0.1	1.3	1.0	1.2	0.9	0.8	0.8	0.7	0.2	0.4
24	0.6	0.1	0.3	1.0	0.2	0.5	0.9	0.8	0.8	0.8	0.6	0.6
25	1.1	0.4	0.7	0.2	0.1	0.1	1.0	0.8	0.9	0.8	0.4	0.6
26	1.4	1.1	1.3	0.1	0.09	0.1	1.0	0.9	0.9	0.4	0.2	0.2
27	1.6	1.3	1.5	0.2	0.10	0.2	1.1	0.9	1.00	0.2	0.1	0.1
28	1.5	0.8	1.1	0.3	0.2	0.3	1.1	1.0	1.1	0.3	0.1	0.2
29	0.8	0.3	0.5	0.7	0.2	0.4	1.3	1.1	1.2	0.3	0.2	0.2
30	0.3	0.2	0.2	0.2	0.2	0.2	1.3	1.2	1.2	0.3	0.2	0.2
31	---	---	---	0.2	0.1	0.2	1.2	0.5	1.0	---	---	---
Month	---	---	---	1.3	0.09	0.3	1.3	0.1	0.7	---	---	---

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, 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	0.3	0.2	0.3	---	---	---	0.6	0.05	0.2	0.2	0.1	0.2
2	0.2	0.1	0.2	---	---	---	0.6	0.06	0.3	0.2	0.10	0.1
3	0.4	0.2	0.3	---	---	---	0.07	0.06	0.06	0.10	0.09	0.10
4	0.4	0.3	0.4	---	---	---	0.09	0.06	0.06	0.1	0.10	0.1
5	0.5	0.4	0.5	---	---	---	0.1	0.06	0.07	0.1	0.09	0.10
6	0.4	0.3	0.3	---	---	---	0.1	0.07	0.09	0.2	0.1	0.1
7	0.5	0.3	0.4	---	---	---	0.1	0.07	0.1	0.1	0.09	0.1
8	0.5	0.1	0.3	---	---	---	0.10	0.06	0.07	0.2	0.09	0.1
9	0.2	0.1	0.1	---	---	---	0.2	0.08	0.1	0.1	0.08	0.09
10	0.2	0.1	0.2	---	---	---	0.3	0.1	0.2	0.09	0.08	0.09
11	0.5	0.1	0.3	---	---	---	0.2	0.08	0.1	0.09	0.08	0.08
12	1.0	0.4	0.7	---	---	---	0.1	0.08	0.08	0.09	0.08	0.08
13	0.9	0.5	0.7	---	---	---	0.1	0.08	0.09	0.09	0.08	0.09
14	0.6	0.4	0.5	---	---	---	0.2	0.09	0.1	0.09	0.08	0.09
15	0.8	0.6	0.7	---	---	---	0.2	0.1	0.1	0.2	0.09	0.1
16	0.7	0.4	0.6	---	---	---	0.2	0.1	0.2	0.2	0.09	0.1
17	0.7	0.4	0.5	---	---	---	0.2	0.1	0.2	0.10	0.08	0.09
18	0.7	0.7	0.7	---	---	---	0.2	0.1	0.2	0.09	0.09	0.09
19	0.7	0.5	0.6	---	---	---	0.2	0.08	0.1	0.1	0.09	0.09
20	0.7	0.5	0.7	---	---	---	0.09	0.08	0.08	0.1	0.08	0.10
21	0.7	0.4	0.5	---	---	---	0.2	0.09	0.1	0.1	0.09	0.10
22	0.5	0.4	0.4	---	---	---	0.2	0.1	0.2	0.1	0.09	0.10
23	0.5	0.3	0.4	---	---	---	0.3	0.2	0.2	0.09	0.08	0.09
24	0.5	0.2	0.2	---	---	---	0.3	0.1	0.2	0.09	0.08	0.08
25	0.4	0.2	0.3	---	---	---	0.3	0.1	0.2	0.09	0.08	0.08
26	0.6	0.3	0.4	---	---	---	0.4	0.1	0.2	0.1	0.09	0.09
27	0.8	0.5	0.7	---	---	---	0.3	0.08	0.1	0.4	0.1	0.2
28	0.9	0.8	0.8	---	---	---	0.09	0.08	0.09	0.3	0.2	0.2
29	1.0	0.6	0.8	0.05	0.05	0.05	0.1	0.09	0.09	0.2	0.10	0.1
30	1.0	0.6	0.9	0.05	0.05	0.05	0.10	0.09	0.10	0.4	0.2	0.3
31	---	---	---	---	---	---	0.1	0.09	0.10	0.4	0.1	0.2
Month	---	---	---	---	---	---	0.6	0.05	0.1	0.4	0.08	0.1

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, 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	0.2	0.1	0.2	0.3	0.1	0.2	0.4	0.3	0.3	0.6	0.5	0.6
2	0.1	0.1	0.1	0.4	0.3	0.3	0.4	0.4	0.4	0.7	0.5	0.6
3	0.3	0.1	0.2	0.4	0.2	0.3	0.4	0.3	0.3	0.7	0.3	0.6
4	0.5	0.2	0.3	0.4	0.2	0.3	0.4	0.3	0.4	0.3	0.2	0.3
5	0.4	0.1	0.2	0.5	0.1	0.2	0.4	0.3	0.4	0.4	0.2	0.3
6	0.2	0.1	0.1	0.5	0.1	0.2	0.4	0.3	0.3	0.3	0.2	0.2
7	0.3	0.1	0.2	0.3	0.1	0.2	0.4	0.2	0.3	0.2	0.1	0.1
8	0.1	0.1	0.1	0.1	0.1	0.1	0.5	0.3	0.3	0.2	0.1	0.1
9	0.1	0.1	0.1	0.2	0.1	0.1	0.5	0.4	0.4	0.5	0.2	0.4
10	0.2	0.1	0.1	0.4	0.1	0.2	0.5	0.4	0.4	0.7	0.4	0.5
11	0.2	0.1	0.2	0.3	0.2	0.2	0.6	0.4	0.5	0.8	0.6	0.7
12	0.3	0.2	0.2	0.2	0.1	0.2	0.6	0.5	0.6	0.8	0.8	0.8
13	0.3	0.2	0.3	0.3	0.2	0.2	0.6	0.3	0.4	0.8	0.6	0.7
14	0.3	0.1	0.2	0.4	0.3	0.3	0.6	0.4	0.5	0.7	0.6	0.6
15	0.1	0.1	0.1	0.4	0.3	0.3	0.7	0.5	0.6	0.8	0.7	0.7
16	0.1	0.1	0.1	0.3	0.1	0.3	0.6	0.1	0.2	0.9	0.8	0.8
17	0.3	0.1	0.2	0.1	0.1	0.1	0.5	0.1	0.2	0.9	0.8	0.9
18	0.3	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.8	0.6	0.7
19	0.2	0.1	0.1	0.4	0.1	0.2	0.1	0.1	0.1	0.7	0.6	0.7
20	0.4	0.2	0.3	0.4	0.3	0.4	0.2	0.1	0.1	0.9	0.7	0.8
21	0.4	0.3	0.4	0.4	0.1	0.2	0.3	0.1	0.2	0.9	0.8	0.9
22	0.3	0.2	0.2	0.4	0.1	0.2	0.5	0.3	0.4	0.8	0.8	0.8
23	0.3	0.1	0.1	0.4	0.2	0.3	0.6	0.4	0.5	0.8	0.7	0.8
24	0.2	0.1	0.1	0.3	0.2	0.3	0.7	0.6	0.6	0.9	0.8	0.8
25	0.4	0.2	0.3	0.2	0.1	0.1	0.6	0.5	0.6	0.9	0.8	0.9
26	0.4	0.2	0.3	0.3	0.1	0.1	0.6	0.4	0.6	0.9	0.9	0.9
27	0.2	0.1	0.2	0.3	0.2	0.2	0.7	0.4	0.6	0.9	0.9	0.9
28	0.2	0.1	0.1	0.2	0.2	0.2	0.7	0.6	0.7	0.9	0.9	0.9
29	---	---	---	0.2	0.1	0.2	0.6	0.4	0.5	0.9	0.8	0.9
30	---	---	---	0.3	0.1	0.2	0.6	0.4	0.5	0.8	0.8	0.8
31	---	---	---	0.3	0.3	0.3	---	---	---	---	---	---
Month	0.5	0.1	0.2	0.5	0.1	0.2	0.7	0.1	0.4	---	---	---

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, 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	0.9	0.9	0.9	---	---	---	---	---	---	---	---	---
2	0.9	0.9	0.9	---	---	---	---	---	---	---	---	---
3	1.0	0.9	0.9	---	---	---	---	---	---	---	---	---
4	1.0	0.9	0.9	---	---	---	---	---	---	---	---	---
5	1.0	0.9	1.0	---	---	---	---	---	---	---	---	---
6	1.0	0.9	0.9	---	---	---	---	---	---	---	---	---
7	0.9	0.9	0.9	---	---	---	---	---	---	---	---	---
8	1.0	0.9	0.9	---	---	---	---	---	---	---	---	---
9	0.9	0.9	0.9	---	---	---	---	---	---	---	---	---
10	0.9	0.8	0.8	---	---	---	---	---	---	---	---	---
11	0.8	0.8	0.8	---	---	---	---	---	---	---	---	---
12	0.9	0.8	0.8	---	---	---	---	---	---	---	---	---
13	0.9	0.7	0.8	---	---	---	---	---	---	---	---	---
14	0.8	0.7	0.7	---	---	---	---	---	---	---	---	---
15	0.8	0.6	0.7	---	---	---	---	---	---	---	---	---
16	0.9	0.8	0.9	---	---	---	---	---	---	---	---	---
17	1.0	0.9	0.9	---	---	---	---	---	---	---	---	---
18	1.0	1.0	1.0	---	---	---	---	---	---	---	---	---
19	1.0	1.0	1.0	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, 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	---	---	---	---	---	---	---	---	---	---	---	---

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, 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	---	---	---	---	---	---	3,110	2,730	2,880	826	760	788
2	---	---	---	---	---	---	3,060	2,810	2,870	2,290	776	1,360
3	---	---	---	---	---	---	3,100	2,780	2,940	3,300	2,290	2,730
4	---	---	---	1,590	970	1,190	2,980	2,620	2,740	3,420	3,130	3,280
5	---	---	---	1,700	1,080	1,320	2,950	2,390	2,660	3,290	2,930	3,120
6	---	---	---	2,000	1,560	1,710	2,870	2,500	2,590	3,210	3,000	3,090
7	---	---	---	1,630	1,060	1,280	3,020	2,820	2,950	3,170	2,850	3,080
8	---	---	---	2,160	1,180	1,580	3,530	2,910	3,310	3,040	2,120	2,560
9	---	---	---	2,390	1,800	2,190	2,910	1,830	2,160	2,120	1,690	1,820
10	---	---	---	2,770	1,800	2,310	2,000	1,700	1,860	2,620	1,800	2,160
11	---	---	---	2,740	2,020	2,300	2,340	1,820	2,070	3,640	2,590	3,090
12	---	---	---	2,180	1,970	2,030	2,800	2,100	2,400	3,590	3,050	3,250
13	---	---	---	2,480	2,120	2,300	2,780	2,640	2,700	3,280	2,980	3,190
14	---	---	---	2,590	2,110	2,420	2,670	2,360	2,600	3,440	3,220	3,320
15	---	---	---	2,850	1,620	2,050	2,640	2,020	2,310	3,410	3,290	3,350
16	---	---	---	2,750	2,310	2,580	2,060	1,650	1,800	3,360	3,120	3,270
17	---	---	---	2,740	2,040	2,540	2,200	1,310	1,740	3,310	2,650	2,930
18	---	---	---	2,120	1,480	1,740	1,630	1,260	1,400	3,160	2,820	3,060
19	---	---	---	2,120	1,390	1,670	2,440	1,360	1,760	3,290	2,730	3,000
20	---	---	---	2,750	1,830	2,160	2,400	1,950	2,110	3,080	2,440	2,760
21	---	---	---	2,700	1,640	2,250	2,810	2,190	2,610	3,080	2,000	2,420
22	---	---	---	1,880	1,100	1,370	3,300	2,650	2,940	2,230	1,700	2,000
23	---	---	---	2,250	1,230	1,660	3,130	3,000	3,070	2,290	1,730	2,010
24	---	---	---	2,250	1,420	1,900	3,150	3,070	3,110	2,300	1,710	1,900
25	---	---	---	1,420	1,140	1,280	3,120	2,700	2,880	2,630	2,300	2,480
26	---	---	---	2,000	1,220	1,360	2,860	2,040	2,390	3,480	2,590	2,990
27	---	---	---	2,950	1,570	2,080	2,070	1,600	1,860	3,670	3,120	3,460
28	---	---	---	3,470	2,770	3,080	1,650	1,340	1,520	3,120	2,370	2,720
29	---	---	---	3,130	2,620	2,840	1,400	1,070	1,260	2,370	2,100	2,210
30	---	---	---	2,730	2,390	2,590	1,070	786	966	2,870	2,050	2,350
31	---	---	---	2,850	2,650	2,740	---	---	---	2,880	2,520	2,670
Month	---	---	---	---	---	---	3,530	786	2,350	3,670	760	2,660

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, 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	---	---	---	426	313	348	658	310	430	2,470	1,570	1,990
2	---	---	---	407	297	334	965	494	668	1,670	560	1,190
3	---	---	---	452	354	418	1,320	589	1,000	---	---	---
4	---	---	---	544	333	410	1,370	783	1,150	---	---	---
5	---	---	---	1,130	516	770	933	662	761	---	---	---
6	---	---	---	953	364	686	874	663	766	---	---	---
7	1,730	1,180	1,260	364	278	307	1,050	856	986	---	---	---
8	2,310	1,730	2,100	309	271	284	1,430	1,040	1,120	---	---	---
9	2,090	1,460	1,770	412	280	344	1,070	897	988	---	---	---
10	1,530	1,010	1,190	641	402	480	1,130	938	1,030	---	---	---
11	1,530	1,030	1,280	852	537	676	1,130	915	1,040	---	---	---
12	1,630	960	1,330	1,020	546	792	919	742	802	239	216	227
13	960	789	856	1,530	978	1,190	1,190	748	923	249	171	194
14	1,250	532	846	1,340	494	965	1,320	1,190	1,270	995	241	745
15	567	205	296	494	267	334	2,070	1,310	1,620	959	518	798
16	239	157	185	309	246	261	2,120	1,370	1,640	518	244	324
17	210	143	158	364	228	264	1,370	1,170	1,240	261	240	248
18	167	129	144	446	273	364	1,580	1,180	1,400	581	254	340
19	163	134	151	418	258	318	1,770	1,340	1,530	1,170	542	878
20	237	131	171	484	228	319	1,800	1,700	1,740	1,010	397	767
21	156	121	135	754	456	640	1,990	1,710	1,880	397	286	314
22	144	125	132	2,440	754	1,490	1,780	1,580	1,680	511	283	386
23	1,340	144	330	2,640	1,920	2,330	1,830	1,580	1,670	1,360	511	755
24	1,310	285	696	1,940	447	943	1,780	1,540	1,620	1,550	1,230	1,330
25	2,170	807	1,390	504	278	324	1,920	1,560	1,760	1,570	779	1,150
26	2,670	2,140	2,470	284	218	250	1,930	1,820	1,870	779	369	507
27	3,050	2,600	2,940	520	234	389	2,180	1,890	2,000	369	289	319
28	2,870	1,610	2,180	711	487	580	2,230	2,090	2,180	750	298	468
29	1,620	591	977	1,460	513	859	2,500	2,180	2,360	726	382	474
30	628	401	486	543	362	445	2,560	2,280	2,450	680	359	453
31	---	---	---	474	279	342	2,370	1,130	2,040	---	---	---
Month	---	---	---	2,640	218	595	2,560	310	1,410	---	---	---

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, 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	686	369	573	---	---	---	1,180	122	353	420	250	347
2	496	305	357	---	---	---	1,190	162	577	348	234	278
3	760	400	560	---	---	---	173	138	152	240	228	233
4	923	755	841	---	---	---	215	144	160	307	230	255
5	1,110	826	962	---	---	---	246	154	173	259	222	235
6	826	578	727	---	---	---	266	170	220	393	244	301
7	1,020	578	831	---	---	---	340	165	245	301	212	247
8	962	302	547	---	---	---	236	162	180	346	222	294
9	396	294	323	---	---	---	355	189	261	252	206	215
10	500	322	414	---	---	---	633	330	459	226	205	210
11	1,020	319	656	---	---	---	387	198	266	217	202	208
12	1,920	935	1,430	---	---	---	247	194	208	210	204	207
13	1,760	995	1,340	---	---	---	263	199	216	219	207	210
14	1,330	910	990	---	---	---	350	222	277	220	208	213
15	1,550	1,330	1,420	---	---	---	404	292	331	431	212	260
16	1,520	956	1,250	---	---	---	400	251	348	420	212	331
17	1,420	954	1,120	---	---	---	432	260	342	232	207	215
18	1,470	1,380	1,430	---	---	---	427	284	379	222	211	216
19	1,380	1,090	1,210	---	---	---	346	208	267	291	210	226
20	1,450	983	1,340	---	---	---	226	192	205	266	207	233
21	1,380	780	1,020	---	---	---	346	210	291	316	210	232
22	1,120	770	934	---	---	---	484	312	379	316	212	230
23	1,020	554	804	---	---	---	578	478	519	224	202	211
24	1,020	420	527	---	---	---	552	282	402	213	202	207
25	851	379	554	---	---	---	597	278	398	224	204	209
26	1,270	594	784	---	---	---	811	315	483	297	210	227
27	1,700	1,010	1,470	---	---	---	671	206	293	828	262	527
28	1,730	1,540	1,630	---	---	---	227	206	217	672	387	547
29	2,020	1,270	1,610	128	117	121	244	220	230	487	236	318
30	1,960	1,240	1,740	127	120	122	238	224	230	910	363	669
31	---	---	---	---	---	---	255	228	237	883	259	427
Month	---	---	---	---	---	---	1,190	122	300	910	202	282

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, 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	461	280	370	603	288	358	796	642	720	1,300	1,060	1,190
2	288	248	262	861	603	711	858	773	805	1,450	1,030	1,250
3	635	248	356	811	516	632	817	686	748	1,440	734	1,150
4	977	485	748	817	356	575	913	710	819	734	503	608
5	879	262	371	1,100	300	396	867	644	760	942	516	672
6	393	250	280	1,110	280	410	852	602	709	667	341	496
7	732	265	364	564	288	409	868	358	649	470	275	337
8	289	246	263	338	285	298	992	593	709	378	277	304
9	286	248	268	369	283	311	1,040	776	941	994	378	801
10	428	278	321	756	293	491	1,000	825	905	1,360	880	1,140
11	497	323	402	681	374	527	1,260	894	1,030	1,710	1,330	1,470
12	702	421	543	412	303	350	1,270	1,020	1,160	1,710	1,540	1,650
13	670	450	554	732	377	544	1,200	719	948	1,600	1,170	1,370
14	655	263	467	781	640	713	1,190	850	1,010	1,460	1,170	1,300
15	278	246	258	786	709	749	1,380	990	1,240	1,590	1,380	1,490
16	321	249	267	723	320	550	1,190	297	496	1,790	1,580	1,680
17	706	309	494	340	274	288	1,080	277	417	1,780	1,610	1,730
18	635	275	485	292	263	276	303	269	280	1,610	1,310	1,450
19	489	273	312	822	279	491	320	268	288	1,520	1,290	1,360
20	948	456	752	903	632	769	341	269	284	1,740	1,500	1,620
21	833	689	775	822	260	486	575	289	430	1,850	1,710	1,770
22	713	346	504	788	260	436	1,080	563	811	1,710	1,530	1,640
23	552	273	322	784	445	642	1,200	929	1,060	1,710	1,500	1,630
24	507	271	321	728	369	619	1,470	1,160	1,300	1,780	1,570	1,670
25	937	434	716	379	279	335	1,250	1,050	1,160	1,790	1,650	1,720
26	855	355	625	588	265	306	1,300	955	1,160	1,790	1,760	1,770
27	439	301	355	672	426	542	1,400	946	1,210	1,870	1,780	1,800
28	363	275	298	537	394	487	1,440	1,210	1,340	1,860	1,760	1,800
29	---	---	---	452	285	356	1,210	788	980	1,840	1,640	1,760
30	---	---	---	564	290	406	1,290	956	1,120	1,670	1,600	1,640
31	---	---	---	698	551	616	---	---	---	---	---	---
Month	977	246	430	1,110	260	486	1,470	268	850	---	---	---

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, 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	1,850	1,760	1,800	---	---	---	---	---	---	---	---	---
2	1,880	1,800	1,840	---	---	---	---	---	---	---	---	---
3	1,950	1,840	1,900	---	---	---	---	---	---	---	---	---
4	1,920	1,860	1,890	---	---	---	---	---	---	---	---	---
5	1,920	1,880	1,910	---	---	---	---	---	---	---	---	---
6	1,920	1,800	1,860	---	---	---	---	---	---	---	---	---
7	1,890	1,800	1,840	---	---	---	---	---	---	---	---	---
8	1,930	1,870	1,900	---	---	---	---	---	---	---	---	---
9	1,900	1,750	1,850	---	---	---	---	---	---	---	---	---
10	1,750	1,560	1,650	---	---	---	---	---	---	---	---	---
11	1,700	1,550	1,620	---	---	---	---	---	---	---	---	---
12	1,750	1,690	1,710	---	---	---	---	---	---	---	---	---
13	1,750	1,520	1,660	---	---	---	---	---	---	---	---	---
14	1,620	1,350	1,470	---	---	---	---	---	---	---	---	---
15	1,620	1,300	1,420	---	---	---	---	---	---	---	---	---
16	1,820	1,610	1,720	---	---	---	---	---	---	---	---	---
17	1,950	1,770	1,860	---	---	---	---	---	---	---	---	---
18	1,970	1,920	1,940	---	---	---	---	---	---	---	---	---
19	2,080	1,960	2,030	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, 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	---	---	---	---	---	---	---	---	---	---	---	---

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, NC—Continued

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

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	February			March			April			May		
1	---	---	---	---	---	---	7.3	7.1	7.2	7.2	7.1	7.1
2	---	---	---	---	---	---	7.2	6.9	7.0	7.3	7.1	7.2
3	---	---	---	---	---	---	7.1	6.8	7.0	7.2	6.9	7.1
4	---	---	---	7.3	7.1	7.3	7.0	6.8	6.9	7.9	6.9	7.1
5	---	---	---	7.4	7.3	7.3	7.1	6.8	7.0	7.8	6.9	7.4
6	---	---	---	7.3	7.2	7.3	7.1	6.9	7.0	7.8	6.9	7.2
7	---	---	---	7.3	7.1	7.2	7.2	7.0	7.0	7.2	6.8	7.0
8	---	---	---	7.3	7.2	7.3	7.3	6.9	7.2	7.2	6.8	7.0
9	---	---	---	7.4	7.2	7.3	7.0	6.7	6.9	7.2	7.0	7.1
10	---	---	---	7.4	7.3	7.3	7.0	7.0	7.0	7.3	7.0	7.1
11	---	---	---	7.3	7.0	7.2	7.1	7.0	7.1	7.6	7.2	7.2
12	---	---	---	7.3	7.0	7.1	7.2	7.0	7.0	7.4	6.8	7.0
13	---	---	---	7.4	7.1	7.2	7.2	7.0	7.1	7.2	6.8	7.0
14	---	---	---	7.2	6.9	7.2	7.2	7.0	7.1	7.1	6.8	7.0
15	---	---	---	7.2	6.8	7.1	7.2	7.0	7.1	7.0	6.5	6.8
16	---	---	---	7.5	7.1	7.3	7.2	7.1	7.1	6.8	6.6	6.8
17	---	---	---	7.4	7.1	7.2	7.1	7.0	7.1	6.8	6.5	6.6
18	---	---	---	7.2	7.0	7.2	7.2	7.1	7.1	6.9	6.6	6.7
19	---	---	---	7.3	7.1	7.2	7.3	7.1	7.2	6.9	6.5	6.7
20	---	---	---	7.4	7.2	7.3	7.6	7.1	7.3	6.9	6.5	6.7
21	---	---	---	7.3	7.0	7.2	7.3	7.0	7.2	6.8	6.5	6.6
22	---	---	---	7.3	7.1	7.3	7.1	7.0	7.1	6.8	6.6	6.6
23	---	---	---	7.4	7.2	7.3	7.2	6.9	7.0	6.8	6.7	6.7
24	---	---	---	7.2	7.1	7.2	7.2	6.7	6.9	7.0	6.6	6.7
25	---	---	---	7.3	7.1	7.2	6.9	6.6	6.8	6.8	6.6	6.7
26	---	---	---	7.3	7.2	7.2	6.8	6.6	6.7	7.0	6.6	6.8
27	---	---	---	7.4	7.2	7.3	6.8	6.6	6.7	6.8	6.2	6.7
28	---	---	---	7.4	7.2	7.3	7.0	6.7	6.8	6.6	6.2	6.3
29	---	---	---	7.4	7.2	7.3	7.1	6.8	6.9	6.6	6.4	6.5
30	---	---	---	7.4	7.2	7.3	7.3	7.0	7.0	6.9	6.4	6.5
31	---	---	---	7.3	7.1	7.2	---	---	---	6.8	6.5	6.7
Max	---	---	---	---	---	---	7.6	7.1	7.3	7.9	7.2	7.4
Min	---	---	---	---	---	---	6.8	6.6	6.7	6.6	6.2	6.3

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, 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	---	---	---	6.4	6.3	6.3	6.8	6.5	6.6	7.2	6.7	7.0
2	---	---	---	6.5	6.4	6.4	6.9	6.5	6.7	6.7	6.2	6.6
3	---	---	---	6.7	6.4	6.5	7.0	6.6	6.8	---	---	---
4	---	---	---	6.6	6.5	6.6	7.2	6.7	6.9	---	---	---
5	---	---	---	6.8	6.6	6.7	7.0	6.6	6.8	---	---	---
6	---	---	---	6.8	6.6	6.7	6.8	6.6	6.7	---	---	---
7	6.8	6.6	6.7	6.7	6.6	6.6	6.9	6.6	6.7	---	---	---
8	7.1	6.7	6.8	6.8	6.6	6.6	7.2	6.6	6.7	---	---	---
9	7.1	6.7	6.8	6.8	6.6	6.7	6.8	6.5	6.7	---	---	---
10	6.8	6.7	6.8	6.9	6.7	6.7	6.7	6.5	6.6	---	---	---
11	7.0	6.7	6.8	7.0	6.8	6.9	6.7	6.4	6.6	---	---	---
12	6.8	6.7	6.8	7.0	6.7	6.9	6.9	6.5	6.7	6.6	6.4	6.5
13	7.0	6.7	6.8	7.2	6.8	7.0	7.1	6.6	6.8	6.8	6.5	6.7
14	7.0	6.5	6.7	7.0	6.8	6.9	7.2	6.6	6.9	7.0	6.6	7.0
15	6.6	6.3	6.4	6.9	6.7	6.8	7.8	6.6	7.0	6.9	6.3	6.7
16	6.4	6.2	6.3	6.9	6.7	6.8	8.1	6.5	6.8	6.5	6.3	6.5
17	6.3	6.2	6.3	7.0	6.6	6.8	6.7	6.6	6.6	6.5	6.4	6.5
18	6.4	6.2	6.3	7.1	6.7	6.8	7.1	6.6	6.8	6.7	6.4	6.5
19	6.5	6.0	6.3	7.2	6.8	7.0	7.5	6.6	6.8	7.0	6.6	6.8
20	6.8	6.1	6.4	7.0	6.7	6.8	7.2	6.6	6.8	6.9	6.4	6.6
21	6.7	6.5	6.6	7.2	7.0	7.1	7.3	6.7	7.0	6.5	6.4	6.4
22	6.7	6.5	6.5	7.6	7.0	7.2	6.8	6.4	6.7	6.6	6.4	6.5
23	6.8	6.2	6.3	7.5	6.7	7.2	6.9	6.5	6.7	7.0	6.4	6.6
24	6.8	6.4	6.6	6.8	6.5	6.6	6.9	6.4	6.6	7.1	6.6	7.0
25	7.0	6.6	6.7	6.5	6.5	6.5	6.9	6.4	6.6	7.1	6.4	6.5
26	7.2	6.9	7.0	6.6	6.4	6.5	7.0	6.4	6.7	6.5	6.3	6.4
27	7.2	6.7	7.1	6.6	6.4	6.6	7.1	6.4	6.6	6.5	6.4	6.4
28	6.7	6.2	6.3	7.0	6.6	6.7	7.4	6.5	6.8	6.6	6.4	6.5
29	6.3	6.2	6.2	7.0	6.6	6.8	8.6	6.6	7.0	6.7	6.5	6.6
30	6.4	6.2	6.3	6.7	6.5	6.6	8.4	6.6	7.0	6.8	6.5	6.6
31	---	---	---	6.8	6.5	6.6	7.1	6.7	6.8	---	---	---
Max	---	---	---	7.6	7.0	7.2	8.6	6.7	7.0	---	---	---
Min	---	---	---	6.4	6.3	6.3	6.7	6.4	6.6	---	---	---

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, 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	6.7	6.5	6.7	---	---	---	6.8	6.1	6.3	7.1	6.9	7.0
2	6.8	6.5	6.6	---	---	---	6.8	6.2	6.4	7.1	6.9	6.9
3	6.8	6.6	6.7	---	---	---	6.2	6.1	6.2	6.9	6.9	6.9
4	6.8	6.6	6.8	---	---	---	6.3	6.2	6.3	7.0	6.9	6.9
5	7.0	6.6	6.8	---	---	---	6.4	6.3	6.3	6.9	6.8	6.9
6	6.9	6.6	6.8	---	---	---	6.4	6.3	6.4	7.1	6.9	7.0
7	7.2	6.6	7.1	---	---	---	6.5	6.3	6.4	7.0	6.9	6.9
8	7.2	6.8	6.8	---	---	---	6.6	6.4	6.5	7.1	6.9	7.1
9	7.0	6.6	6.8	---	---	---	6.7	6.6	6.6	7.0	6.8	6.9
10	7.1	6.7	7.0	---	---	---	6.8	6.7	6.8	6.9	6.8	6.9
11	7.2	6.8	7.0	---	---	---	6.7	6.6	6.6	6.9	6.9	6.9
12	7.4	7.0	7.2	---	---	---	6.6	6.5	6.6	6.9	6.8	6.9
13	7.3	6.7	6.9	---	---	---	6.6	6.5	6.6	7.0	6.9	6.9
14	6.9	6.6	6.7	---	---	---	6.6	6.5	6.6	7.0	6.9	6.9
15	7.2	6.8	6.9	---	---	---	6.7	6.6	6.6	7.2	6.9	7.0
16	7.0	6.7	6.8	---	---	---	6.7	6.6	6.6	7.2	7.0	7.1
17	7.0	6.6	6.7	---	---	---	6.7	6.6	6.6	7.1	7.0	7.0
18	7.2	6.7	6.9	---	---	---	6.7	6.6	6.7	7.1	7.0	7.0
19	6.8	6.6	6.7	---	---	---	6.7	6.6	6.7	7.3	7.0	7.0
20	6.9	6.6	6.8	---	---	---	6.7	6.7	6.7	7.3	7.0	7.2
21	6.9	6.6	6.7	---	---	---	6.7	6.7	6.7	7.4	7.1	7.2
22	6.7	6.5	6.6	---	---	---	6.8	6.7	6.7	7.4	7.1	7.1
23	6.7	6.6	6.6	---	---	---	6.9	6.8	6.9	7.1	6.9	6.9
24	6.9	6.6	6.7	---	---	---	6.9	6.8	6.8	7.0	6.9	6.9
25	7.0	6.7	6.8	---	---	---	7.0	6.7	6.8	7.0	6.9	7.0
26	7.1	6.8	6.9	---	---	---	7.1	6.9	6.9	7.1	6.7	7.0
27	7.3	6.9	7.2	---	---	---	7.0	6.8	6.9	7.3	7.1	7.2
28	7.3	7.0	7.2	---	---	---	6.9	6.8	6.8	7.4	7.1	7.3
29	7.3	6.9	7.1	6.3	6.1	6.2	6.9	6.8	6.8	7.3	7.0	7.2
30	7.2	6.9	7.1	6.2	6.1	6.2	6.8	6.8	6.8	7.3	7.2	7.2
31	---	---	---	---	---	---	6.9	6.8	6.8	7.3	7.1	7.1
Max	---	---	---	---	---	---	7.1	6.9	6.9	7.4	7.2	7.3
Min	---	---	---	---	---	---	6.2	6.1	6.2	6.9	6.7	6.9

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, 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	7.2	7.1	7.2	7.2	7.0	7.0	7.4	7.0	7.3	7.0	6.7	6.9
2	7.1	7.0	7.1	7.3	7.1	7.2	7.5	7.1	7.3	7.2	6.7	7.0
3	7.2	7.0	7.1	7.2	7.1	7.1	7.5	6.9	7.3	7.1	6.7	6.8
4	7.3	7.2	7.2	7.2	6.9	7.0	7.3	7.1	7.2	6.8	6.7	6.7
5	7.3	7.1	7.2	7.2	6.9	7.0	7.3	7.0	7.2	6.9	6.7	6.8
6	7.2	7.0	7.1	7.2	7.0	7.1	7.3	7.0	7.2	7.0	6.8	6.8
7	7.1	7.0	7.1	7.2	7.0	7.1	7.4	7.0	7.3	7.3	7.0	7.2
8	7.1	7.0	7.1	7.2	7.1	7.1	7.4	7.1	7.3	7.5	7.2	7.3
9	7.1	7.0	7.1	7.2	7.1	7.1	7.5	7.1	7.3	7.4	7.0	7.2
10	7.1	7.0	7.1	7.3	7.1	7.2	7.7	7.0	7.5	7.4	7.2	7.3
11	7.2	7.0	7.1	7.3	7.1	7.2	7.5	7.3	7.4	7.7	6.9	7.3
12	7.2	7.1	7.1	7.2	7.0	7.1	7.4	7.1	7.3	7.6	6.8	7.2
13	7.2	7.1	7.1	7.3	7.0	7.1	7.5	7.2	7.4	7.2	6.8	7.0
14	7.1	6.7	7.0	7.4	7.0	7.2	7.4	7.0	7.3	7.4	6.9	7.1
15	7.0	6.9	7.0	7.3	7.0	7.2	7.3	6.9	7.2	7.3	6.9	7.2
16	7.0	6.9	7.0	7.2	7.1	7.2	7.5	6.9	7.3	7.5	7.0	7.3
17	7.2	7.0	7.1	7.1	7.0	7.1	7.5	7.3	7.4	7.3	6.6	7.0
18	7.2	6.8	7.1	7.2	7.0	7.1	7.6	7.2	7.3	6.7	6.6	6.7
19	7.2	7.0	7.1	7.3	7.1	7.2	7.4	7.1	7.3	6.9	6.6	6.8
20	7.3	7.2	7.2	7.4	7.2	7.3	7.5	7.0	7.3	7.2	6.8	7.0
21	7.3	7.1	7.2	7.4	7.2	7.3	7.5	7.1	7.4	7.4	7.0	7.1
22	7.1	6.9	7.1	7.4	7.3	7.3	7.8	7.2	7.4	7.1	6.8	7.0
23	7.2	7.0	7.1	7.4	7.3	7.4	7.7	7.2	7.4	7.2	6.9	7.0
24	7.2	7.0	7.2	7.7	7.3	7.4	7.5	7.0	7.2	7.2	6.8	7.0
25	7.3	7.1	7.2	7.5	7.2	7.4	7.1	6.8	7.0	7.2	6.7	6.9
26	7.2	7.1	7.2	7.4	7.2	7.3	6.9	6.7	6.8	7.1	6.8	7.0
27	7.1	6.9	7.1	7.7	7.3	7.4	7.1	6.7	6.9	7.1	6.7	6.9
28	7.1	7.0	7.0	8.0	7.0	7.5	7.0	6.5	6.7	7.1	6.7	6.9
29	---	---	---	7.5	7.3	7.4	6.8	6.5	6.6	7.2	6.7	6.9
30	---	---	---	7.5	7.2	7.3	6.9	6.7	6.8	7.0	6.7	6.8
31	---	---	---	7.6	7.2	7.4	---	---	---	---	---	---
Max	7.3	7.2	7.2	8.0	7.3	7.5	7.8	7.3	7.5	---	---	---
Min	7.0	6.7	7.0	7.1	6.9	7.0	6.8	6.5	6.6	---	---	---

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, 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	7.2	6.8	7.0	---	---	---	---	---	---	---	---	---
2	7.2	6.8	7.0	---	---	---	---	---	---	---	---	---
3	7.3	6.9	7.1	---	---	---	---	---	---	---	---	---
4	7.3	6.6	6.9	---	---	---	---	---	---	---	---	---
5	7.1	6.9	7.0	---	---	---	---	---	---	---	---	---
6	7.1	6.6	6.9	---	---	---	---	---	---	---	---	---
7	7.1	6.6	6.8	---	---	---	---	---	---	---	---	---
8	7.2	6.8	7.0	---	---	---	---	---	---	---	---	---
9	7.1	6.6	6.8	---	---	---	---	---	---	---	---	---
10	6.7	6.6	6.6	---	---	---	---	---	---	---	---	---
11	6.9	6.5	6.7	---	---	---	---	---	---	---	---	---
12	7.1	6.6	6.9	---	---	---	---	---	---	---	---	---
13	7.0	6.7	6.9	---	---	---	---	---	---	---	---	---
14	6.9	6.8	6.8	---	---	---	---	---	---	---	---	---
15	7.0	6.7	6.8	---	---	---	---	---	---	---	---	---
16	7.3	6.8	7.0	---	---	---	---	---	---	---	---	---
17	7.6	6.8	7.1	---	---	---	---	---	---	---	---	---
18	7.5	6.7	7.2	---	---	---	---	---	---	---	---	---
19	7.7	6.8	7.2	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Max	---	---	---	---	---	---	---	---	---	---	---	---
Min	---	---	---	---	---	---	---	---	---	---	---	---

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, 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	---	---	---	---	---	---	---	---	---	---	---	---

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, 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	---	---	---	---	---	---	16.8	15.0	15.8	17.5	15.8	16.6
2	---	---	---	---	---	---	17.5	15.9	16.8	17.0	14.6	15.6
3	---	---	---	---	---	---	17.4	16.4	16.8	18.0	15.2	16.4
4	---	---	---	9.4	8.0	8.6	17.4	16.2	16.8	20.1	16.2	17.8
5	---	---	---	9.6	7.7	8.7	16.9	15.6	16.2	21.0	18.4	19.4
6	---	---	---	9.2	8.2	8.5	17.7	15.4	16.3	22.0	19.5	20.7
7	---	---	---	10.2	7.8	8.7	17.2	16.1	16.6	21.4	19.3	20.0
8	---	---	---	10.1	7.8	8.8	17.8	16.6	17.1	19.3	17.4	18.2
9	---	---	---	10.7	8.4	9.5	17.2	15.4	16.0	19.9	17.6	18.6
10	---	---	---	13.2	10.6	11.6	16.6	14.8	15.8	20.2	17.8	19.0
11	---	---	---	14.8	12.8	13.6	16.8	15.5	16.2	20.0	18.6	19.3
12	---	---	---	16.4	13.4	14.6	17.9	16.2	17.0	21.6	19.4	20.2
13	---	---	---	18.5	16.1	17.2	19.1	17.2	18.0	21.8	20.2	20.9
14	---	---	---	18.2	16.2	17.6	19.5	18.3	18.8	21.2	20.0	20.8
15	---	---	---	16.4	13.8	15.1	21.4	18.7	19.7	21.1	19.8	20.4
16	---	---	---	15.0	13.3	14.1	20.7	19.8	20.3	21.6	20.2	20.9
17	---	---	---	15.2	13.9	14.4	19.9	17.8	18.7	21.9	20.5	21.2
18	---	---	---	14.9	13.4	14.1	18.6	17.1	17.9	22.5	20.8	21.5
19	---	---	---	14.2	12.9	13.5	20.1	17.2	18.4	22.0	20.7	21.4
20	---	---	---	14.2	12.1	12.8	21.0	17.9	19.5	22.6	20.8	21.6
21	---	---	---	12.8	11.3	11.8	20.0	18.8	19.4	23.4	21.4	22.3
22	---	---	---	12.5	10.8	11.7	19.8	19.0	19.4	23.7	22.0	22.7
23	---	---	---	13.5	11.0	11.7	21.6	19.4	20.3	23.9	21.8	22.7
24	---	---	---	11.5	10.3	10.9	22.2	20.5	21.1	24.2	22.0	22.8
25	---	---	---	11.3	10.5	10.8	23.1	21.1	22.0	23.8	22.0	22.9
26	---	---	---	12.0	9.8	10.6	22.8	20.6	21.4	25.2	23.1	24.0
27	---	---	---	12.0	9.2	10.6	20.6	19.6	20.1	25.7	23.5	24.6
28	---	---	---	12.0	9.9	11.0	20.7	18.9	19.7	27.3	24.4	25.5
29	---	---	---	13.8	11.6	12.6	20.1	18.2	18.9	27.3	25.0	26.1
30	---	---	---	15.4	12.2	13.7	20.4	17.4	18.3	28.3	25.5	26.7
31	---	---	---	15.6	13.6	14.6	---	---	---	28.1	26.6	27.3
Month	---	---	---	---	---	---	23.1	14.8	18.3	28.3	14.6	21.2

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, 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	26.4	27.1	31.2	29.2	30.0	25.8	24.7	24.9
2	---	---	---	28.8	26.4	27.4	32.8	29.9	30.8	25.0	23.8	24.4
3	---	---	---	29.8	27.9	28.6	32.9	30.3	31.4	---	---	---
4	---	---	---	29.0	27.7	28.3	33.7	31.3	32.3	---	---	---
5	---	---	---	29.2	27.6	28.4	32.6	30.8	31.7	---	---	---
6	---	---	---	28.7	27.1	28.0	31.9	30.2	31.1	---	---	---
7	25.4	23.9	24.6	27.5	26.2	26.8	31.4	30.0	30.6	---	---	---
8	26.0	24.0	24.7	27.7	25.5	26.4	31.3	29.9	30.3	---	---	---
9	27.3	24.0	25.0	27.0	25.3	26.1	31.2	29.5	30.4	---	---	---
10	25.7	24.3	25.0	28.4	25.7	26.8	30.5	29.1	29.5	---	---	---
11	26.3	24.7	25.2	29.9	27.1	28.1	29.1	28.1	28.7	---	---	---
12	24.9	24.0	24.5	29.8	27.0	28.7	28.1	26.9	27.3	24.0	22.6	23.1
13	26.8	23.9	25.0	29.7	28.1	28.9	27.4	25.5	26.5	22.8	21.3	22.1
14	25.4	22.4	23.9	29.1	27.7	28.3	27.4	25.3	26.3	23.2	22.1	22.6
15	23.0	21.1	22.1	29.1	27.9	28.4	27.5	25.8	26.6	24.3	22.8	23.3
16	24.8	21.7	22.9	30.6	27.9	29.1	27.8	26.6	27.1	23.2	22.7	23.0
17	25.2	22.6	23.6	32.1	28.3	29.8	27.3	26.7	27.0	24.4	22.5	23.3
18	25.3	23.4	24.2	32.7	29.4	30.9	27.7	26.0	26.9	26.0	22.8	24.1
19	25.8	24.6	25.1	32.1	29.7	30.9	29.6	27.0	28.2	24.8	23.8	24.3
20	27.1	25.2	26.1	31.2	29.2	30.0	29.6	28.0	28.8	25.3	24.0	24.5
21	28.0	25.9	26.4	31.0	29.4	30.2	28.9	28.0	28.4	24.0	22.8	23.3
22	28.2	25.6	26.2	30.1	28.7	29.4	29.3	28.1	28.5	24.0	21.6	22.7
23	29.2	26.9	27.9	28.7	27.8	28.2	29.8	28.0	28.8	23.8	22.2	22.8
24	28.9	28.0	28.5	28.7	27.5	28.0	30.1	28.0	28.8	24.7	22.9	23.7
25	28.6	27.6	28.2	27.5	26.4	26.7	29.8	28.0	28.7	24.6	23.7	24.0
26	28.2	27.4	27.7	29.0	26.1	27.3	30.1	28.1	29.0	24.6	22.8	23.5
27	27.7	26.8	27.2	29.8	27.5	28.3	29.6	28.7	29.1	24.1	22.5	23.2
28	27.5	26.4	27.0	30.5	28.1	29.0	30.3	28.7	29.4	23.5	22.2	22.9
29	27.9	26.8	27.3	29.6	28.6	29.1	30.1	28.6	29.4	23.2	21.9	22.6
30	28.6	26.5	27.2	30.5	28.4	29.2	30.2	28.5	29.4	22.9	21.5	22.0
31	---	---	---	31.9	28.8	30.0	28.7	25.7	27.4	---	---	---
Month	---	---	---	32.7	25.3	28.5	33.7	25.3	29.0	---	---	---

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, NC—Continued

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

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	22.8	21.8	22.2	---	---	---	16.1	13.8	14.9	13.0	10.5	11.8
2	23.6	21.5	22.4	---	---	---	16.1	14.0	15.2	12.6	11.0	11.8
3	22.7	21.2	21.8	---	---	---	14.1	12.7	13.0	11.4	10.7	11.1
4	23.3	21.6	22.2	---	---	---	12.7	11.3	12.0	12.1	10.8	11.3
5	23.2	22.1	22.6	---	---	---	11.3	10.1	10.7	12.6	11.5	11.9
6	22.1	21.3	21.8	---	---	---	10.3	9.7	9.9	14.7	12.5	13.8
7	22.0	20.6	21.3	---	---	---	10.8	9.7	10.1	14.3	13.4	13.6
8	21.7	21.1	21.4	---	---	---	9.7	6.7	8.1	14.8	13.2	14.3
9	21.2	20.7	21.0	---	---	---	6.8	5.5	6.1	13.3	11.5	12.5
10	22.1	20.2	21.2	---	---	---	6.2	5.0	5.7	11.7	9.8	10.8
11	22.3	20.5	21.4	---	---	---	7.4	5.6	6.4	10.5	9.8	10.1
12	22.0	20.8	21.4	---	---	---	7.8	6.5	7.1	10.5	9.7	10.0
13	21.2	19.7	20.4	---	---	---	9.0	7.6	8.0	11.3	10.0	10.6
14	19.8	18.2	19.2	---	---	---	9.3	7.8	8.5	12.3	10.8	11.4
15	18.9	17.5	18.1	---	---	---	9.9	8.6	9.2	13.8	11.8	12.6
16	18.5	17.2	17.8	---	---	---	10.0	9.0	9.5	13.7	12.0	13.2
17	18.1	17.6	17.9	---	---	---	9.9	8.6	9.3	12.0	9.9	10.8
18	20.1	18.0	18.5	---	---	---	10.6	9.6	10.0	9.9	8.9	9.4
19	20.1	18.5	19.2	---	---	---	11.2	9.7	10.3	9.8	8.5	9.2
20	20.7	19.6	20.1	---	---	---	10.5	9.5	9.8	8.8	7.7	8.2
21	20.0	18.6	19.4	---	---	---	9.6	8.7	9.2	7.8	6.1	7.2
22	18.6	17.8	18.1	---	---	---	10.0	9.3	9.5	7.4	6.1	7.1
23	18.2	17.0	17.6	---	---	---	11.7	10.0	10.9	7.6	7.1	7.3
24	17.2	14.7	16.0	---	---	---	11.5	10.4	10.9	8.0	6.7	7.2
25	14.8	13.3	14.3	---	---	---	11.6	10.3	10.8	7.3	6.2	6.9
26	13.9	12.5	13.3	---	---	---	11.9	11.6	11.8	6.2	5.1	5.5
27	13.1	12.1	12.5	---	---	---	11.8	10.6	11.1	5.7	4.4	5.1
28	14.9	12.7	13.8	---	---	---	10.7	9.9	10.2	6.4	5.5	5.8
29	14.3	13.3	13.8	12.4	11.9	12.1	10.9	9.6	10.2	5.8	4.7	5.3
30	14.9	13.3	14.1	13.9	11.8	12.7	11.0	9.5	10.1	4.9	4.2	4.5
31	---	---	---	---	---	---	10.7	9.8	10.3	5.5	4.1	4.8
Month	---	---	---	---	---	---	16.1	5.0	10.0	14.8	4.1	9.5

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, 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	4.9	4.3	4.6	10.1	8.8	9.5	18.2	16.2	17.0	22.7	20.7	21.7
2	5.3	4.6	4.9	12.4	10.1	11.4	20.3	17.5	18.6	23.3	21.1	21.9
3	5.6	4.6	5.2	12.3	11.8	12.0	20.2	18.5	19.4	22.4	20.5	21.4
4	5.3	4.3	4.9	12.2	11.0	11.6	20.2	18.6	19.2	20.5	19.4	19.9
5	5.2	4.1	4.6	11.2	10.1	10.6	19.7	18.4	19.0	19.4	17.9	18.7
6	4.8	2.7	3.9	10.8	9.2	9.9	18.8	16.9	17.8	18.8	17.5	18.4
7	4.9	3.1	4.1	10.1	8.0	9.0	16.9	13.9	15.5	18.9	15.9	17.0
8	5.3	3.6	4.2	10.0	8.8	9.4	14.4	12.4	13.5	17.0	15.7	16.3
9	5.1	3.4	4.2	10.3	8.6	9.5	13.3	12.0	12.8	19.3	15.2	17.3
10	5.2	3.3	4.3	10.4	9.3	9.9	14.8	12.4	13.3	22.0	18.2	20.0
11	5.5	3.1	4.3	13.1	10.0	11.2	13.1	11.9	12.5	23.4	20.4	21.5
12	5.2	3.8	4.5	13.3	10.7	11.7	15.2	12.4	13.7	24.5	22.0	22.9
13	5.9	5.0	5.4	12.8	11.2	11.8	16.3	14.0	15.2	22.9	20.3	21.4
14	6.7	5.8	6.4	14.6	12.0	13.0	15.9	15.3	15.5	21.8	19.6	20.5
15	6.9	4.8	5.7	15.6	13.8	14.6	15.9	15.0	15.4	21.6	19.9	20.7
16	6.3	4.6	5.3	15.2	13.4	14.4	15.4	13.1	14.5	21.8	19.8	20.8
17	5.2	3.8	4.6	13.4	11.2	12.3	14.0	12.5	13.3	21.4	20.6	21.0
18	5.5	4.2	4.9	11.6	10.3	10.9	13.8	12.9	13.4	20.6	19.1	19.9
19	4.8	3.2	4.3	11.1	9.9	10.5	14.1	13.1	13.5	20.3	18.4	19.4
20	5.9	3.6	4.5	12.6	10.1	11.3	17.7	13.2	14.8	20.5	18.1	19.4
21	7.2	5.7	6.4	11.9	11.0	11.5	16.4	14.1	15.4	21.8	19.3	20.3
22	8.6	6.3	7.0	13.4	11.2	12.1	17.9	15.3	16.5	22.5	20.3	21.3
23	8.1	6.4	7.2	15.6	12.7	13.8	19.1	16.9	17.8	22.6	21.0	21.8
24	8.2	6.2	7.2	17.2	14.7	15.9	20.2	17.4	18.4	23.2	21.5	22.3
25	7.4	6.4	6.8	16.7	15.2	15.8	21.7	18.8	19.9	24.4	21.8	23.0
26	9.2	7.1	8.0	16.0	14.7	15.1	20.8	19.8	20.2	24.9	22.6	23.7
27	9.6	7.7	8.6	18.2	15.0	16.2	20.6	19.2	20.0	25.6	23.4	24.3
28	10.6	8.4	9.3	19.3	17.0	17.9	21.5	20.2	20.7	26.6	23.9	25.0
29	---	---	---	17.9	16.2	17.1	21.9	20.1	20.9	28.0	24.8	26.1
30	---	---	---	17.0	15.0	16.1	22.1	20.4	21.2	26.6	24.9	25.8
31	---	---	---	17.0	14.9	15.8	---	---	---	---	---	---
Month	10.6	2.7	5.5	19.3	8.0	12.6	22.1	11.9	16.6	---	---	---

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, NC—Continued

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

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	27.4	25.4	26.3	---	---	---	---	---	---	---	---	---
2	26.8	25.8	26.2	---	---	---	---	---	---	---	---	---
3	26.0	24.4	24.9	---	---	---	---	---	---	---	---	---
4	25.9	24.2	24.9	---	---	---	---	---	---	---	---	---
5	26.4	24.6	25.4	---	---	---	---	---	---	---	---	---
6	27.0	25.2	26.0	---	---	---	---	---	---	---	---	---
7	26.7	24.7	25.7	---	---	---	---	---	---	---	---	---
8	28.4	25.7	26.7	---	---	---	---	---	---	---	---	---
9	28.7	27.0	27.7	---	---	---	---	---	---	---	---	---
10	27.8	26.5	27.2	---	---	---	---	---	---	---	---	---
11	27.2	25.8	26.4	---	---	---	---	---	---	---	---	---
12	28.4	25.7	26.8	---	---	---	---	---	---	---	---	---
13	27.0	25.9	26.5	---	---	---	---	---	---	---	---	---
14	26.3	24.0	24.9	---	---	---	---	---	---	---	---	---
15	24.0	21.2	22.7	---	---	---	---	---	---	---	---	---
16	22.9	20.3	21.3	---	---	---	---	---	---	---	---	---
17	25.7	21.5	23.3	---	---	---	---	---	---	---	---	---
18	26.8	24.0	25.1	---	---	---	---	---	---	---	---	---
19	29.0	25.5	26.8	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, 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	---	---	---	---	---	---	---	---	---	---	---	---

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	---	---	---	11.1	10.2	10.7	9.1	8.2	8.5
2	---	---	---	---	---	---	10.5	9.3	10.0	10.4	8.2	9.4
3	---	---	---	---	---	---	9.9	8.6	9.6	10.2	9.4	9.9
4	---	---	---	11.8	11.2	11.6	9.6	8.8	9.3	11.1	9.4	10.3
5	---	---	---	12.0	11.5	11.7	10.3	8.8	9.6	10.9	9.0	10.2
6	---	---	---	12.1	11.6	11.9	10.4	9.0	9.7	9.9	7.9	9.3
7	---	---	---	11.7	11.1	11.4	10.3	9.4	9.9	8.7	7.5	8.1
8	---	---	---	12.3	11.3	11.8	10.5	9.3	10.2	8.9	7.6	8.1
9	---	---	---	12.4	11.8	12.1	9.9	8.8	9.4	8.5	7.0	7.7
10	---	---	---	11.8	11.2	11.6	9.9	9.1	9.5	9.1	7.3	8.2
11	---	---	---	11.3	10.4	10.9	10.4	9.1	9.8	10.0	8.7	9.3
12	---	---	---	11.0	10.0	10.6	10.7	9.4	9.8	9.8	8.0	8.8
13	---	---	---	10.5	9.8	10.3	10.2	9.3	9.9	9.1	7.5	8.5
14	---	---	---	9.8	9.1	9.5	10.0	9.1	9.7	8.5	7.5	8.2
15	---	---	---	10.5	9.1	9.8	10.2	8.8	9.5	8.5	6.4	7.6
16	---	---	---	11.2	9.9	10.6	9.7	8.8	9.3	8.0	7.3	7.6
17	---	---	---	11.2	10.3	10.7	9.0	8.3	8.6	7.8	6.6	7.0
18	---	---	---	10.9	10.0	10.4	9.2	7.9	8.6	8.1	6.8	7.3
19	---	---	---	11.3	10.3	10.8	10.2	8.4	9.3	8.0	6.3	7.2
20	---	---	---	11.7	10.8	11.2	11.1	9.0	10.0	8.0	6.0	7.0
21	---	---	---	11.3	10.6	11.0	10.3	8.8	9.7	7.9	5.6	6.6
22	---	---	---	11.7	10.4	10.9	9.3	8.4	9.0	7.3	5.6	6.3
23	---	---	---	11.9	11.0	11.5	9.5	8.2	8.8	7.0	5.8	6.5
24	---	---	---	11.7	10.9	11.4	9.2	7.7	8.4	8.3	4.5	6.4
25	---	---	---	11.6	10.7	11.1	8.8	7.1	8.0	7.5	5.3	6.5
26	---	---	---	11.9	10.8	11.4	8.0	7.0	7.4	7.5	6.4	7.0
27	---	---	---	12.6	11.6	12.1	7.5	6.6	7.0	7.2	4.6	6.6
28	---	---	---	12.7	12.0	12.3	8.6	6.5	7.4	6.3	4.4	5.2
29	---	---	---	12.3	11.8	12.0	8.7	6.7	7.7	5.8	4.4	5.0
30	---	---	---	12.2	11.4	11.8	9.1	7.4	8.2	7.0	3.2	5.1
31	---	---	---	11.7	10.6	11.3	---	---	---	5.9	3.4	5.0
Month	---	---	---	---	---	---	11.1	6.5	9.1	11.1	3.2	7.6

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, 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	---	---	---	1.8	0.1	0.7	7.0	0.8	3.7	8.2	5.8	7.6
2	---	---	---	3.5	0.1	1.4	7.8	1.0	4.4	6.3	3.8	5.2
3	---	---	---	5.3	0.6	3.0	6.7	4.4	5.7	---	---	---
4	---	---	---	4.4	1.6	3.3	7.5	4.5	6.0	---	---	---
5	---	---	---	6.0	3.1	4.9	6.7	3.5	5.0	---	---	---
6	---	---	---	6.0	3.0	4.6	6.1	2.8	4.8	---	---	---
7	6.0	3.4	4.9	4.7	1.9	2.8	6.6	3.7	5.2	---	---	---
8	8.0	4.9	6.6	5.0	1.2	2.9	7.6	3.8	5.5	---	---	---
9	8.7	5.0	6.3	5.0	1.9	3.9	6.7	2.1	4.9	---	---	---
10	6.3	4.5	5.6	6.6	3.5	5.0	6.2	3.3	4.9	---	---	---
11	7.8	4.4	5.9	7.0	4.2	5.8	5.6	1.9	5.0	---	---	---
12	6.4	4.6	5.7	6.9	3.0	5.8	7.6	2.8	5.3	5.3	2.4	3.7
13	7.7	3.4	5.6	7.6	4.6	6.3	9.1	3.5	6.5	6.6	3.2	5.6
14	8.7	5.0	6.6	6.9	5.1	6.0	9.5	5.4	7.9	7.2	5.9	6.7
15	6.2	4.8	5.5	5.7	3.9	4.5	9.3	6.2	8.3	6.8	4.1	5.8
16	6.0	4.2	4.8	5.9	3.4	4.2	9.3	5.7	8.1	4.7	2.1	4.0
17	5.9	1.6	4.1	7.1	1.5	4.2	7.8	4.1	6.1	4.2	2.0	3.6
18	5.4	2.8	4.4	6.3	2.6	5.0	7.2	2.8	6.0	6.0	1.6	4.5
19	6.3	1.7	4.3	7.2	3.4	5.2	8.4	3.1	6.1	7.1	4.6	6.4
20	6.4	4.4	5.5	6.3	2.0	4.3	7.4	4.0	6.0	6.4	3.8	5.4
21	6.8	3.5	4.9	6.8	5.0	5.9	7.1	3.3	6.0	3.8	1.1	3.0
22	5.7	3.1	4.1	8.3	5.9	7.0	7.0	2.2	5.5	5.3	1.3	3.8
23	6.5	2.6	4.1	8.0	5.8	7.2	7.4	3.3	5.7	7.2	1.8	5.6
24	6.4	4.1	5.1	6.3	3.6	4.6	7.6	3.1	5.2	7.6	3.5	6.8
25	7.0	4.1	5.7	3.8	2.3	3.2	7.6	1.5	4.9	7.5	4.4	5.5
26	7.5	6.3	6.9	4.3	2.2	3.2	7.6	2.5	5.6	4.7	3.0	3.9
27	7.4	6.3	7.0	5.5	1.3	4.0	7.8	2.9	5.4	4.4	2.5	3.5
28	6.3	2.5	4.0	8.0	4.1	5.7	8.9	2.2	5.5	5.7	1.8	4.0
29	2.7	0.5	1.4	7.6	4.5	6.4	9.7	3.6	7.0	5.8	3.5	4.9
30	1.8	0.1	0.9	5.8	3.2	4.7	8.4	2.8	6.8	6.2	3.4	4.8
31	---	---	---	7.7	2.7	4.9	7.8	4.8	6.4	---	---	---
Month	---	---	---	8.3	0.1	4.5	9.7	0.8	5.8	---	---	---

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, 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	6.1	3.5	5.5	---	---	---	9.2	6.2	7.7	9.9	8.3	9.4
2	6.8	3.5	5.4	---	---	---	9.2	6.2	7.9	9.7	8.3	8.9
3	6.4	3.7	5.2	---	---	---	6.2	5.4	5.8	8.6	7.7	8.2
4	6.6	4.8	5.9	---	---	---	7.0	5.6	6.5	9.1	8.2	8.6
5	7.4	4.5	6.3	---	---	---	8.2	5.6	7.3	8.6	7.7	8.1
6	7.1	3.9	6.2	---	---	---	8.5	6.8	7.8	9.4	8.4	9.1
7	8.4	3.5	7.5	---	---	---	9.0	7.3	8.2	9.0	8.0	8.5
8	8.1	5.6	6.8	---	---	---	10.2	7.6	9.1	9.4	8.3	9.0
9	7.6	3.8	5.9	---	---	---	11.1	9.6	10.4	8.6	7.8	8.1
10	7.6	4.3	6.7	---	---	---	11.6	10.7	11.2	8.9	8.0	8.5
11	8.2	5.9	7.4	---	---	---	11.1	9.7	10.4	8.8	7.9	8.6
12	8.8	7.3	8.2	---	---	---	9.9	8.0	9.3	8.7	7.6	8.4
13	8.5	6.5	7.4	---	---	---	9.4	8.5	9.0	8.7	7.6	8.2
14	7.8	4.6	6.6	---	---	---	9.5	8.6	9.2	8.9	7.6	8.3
15	9.2	6.8	8.1	---	---	---	10.0	8.8	9.3	10.0	7.7	8.8
16	8.7	6.4	7.7	---	---	---	9.9	8.8	9.4	10.0	8.7	9.5
17	8.4	5.2	7.1	---	---	---	9.7	8.1	9.1	9.6	8.6	9.2
18	9.7	6.9	8.2	---	---	---	9.8	8.8	9.4	10.1	9.1	9.5
19	7.8	5.5	7.2	---	---	---	9.4	7.6	8.6	10.8	9.0	9.7
20	8.2	6.7	7.6	---	---	---	8.5	7.7	8.1	10.6	9.3	10.1
21	8.0	5.2	6.9	---	---	---	9.2	8.2	8.7	11.4	9.5	10.2
22	7.5	4.3	6.1	---	---	---	9.4	8.6	9.0	11.4	9.5	10.2
23	7.2	4.8	6.5	---	---	---	9.7	9.3	9.5	9.8	9.2	9.6
24	8.8	5.4	7.2	---	---	---	9.5	8.7	9.1	9.9	9.4	9.7
25	9.2	6.9	8.1	---	---	---	9.9	8.2	9.1	10.0	9.3	9.8
26	10.2	7.8	9.1	---	---	---	9.9	9.1	9.6	11.2	9.8	10.4
27	11.0	8.6	10.4	---	---	---	9.8	8.5	8.9	12.5	11.2	11.9
28	11.0	9.2	10.4	---	---	---	8.8	8.1	8.4	12.5	11.3	12.2
29	10.9	8.5	10.1	5.9	3.1	5.0	8.2	7.7	8.0	12.3	10.8	11.5
30	10.8	8.6	10.0	6.4	3.6	5.4	8.0	7.1	7.7	13.0	12.0	12.6
31	---	---	---	---	---	---	8.3	7.2	7.9	13.0	11.7	12.2
Month	---	---	---	---	---	---	11.6	5.4	8.7	13.0	7.6	9.6

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, 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	12.4	11.8	12.2	11.7	10.8	11.1	9.8	6.8	9.2	8.5	6.0	7.9
2	11.8	11.3	11.5	11.8	10.9	11.3	9.8	7.4	8.9	8.6	6.7	7.9
3	12.7	11.1	12.0	11.1	10.4	10.7	9.6	5.7	8.5	8.3	6.7	7.5
4	13.1	12.5	12.8	10.7	10.1	10.4	8.8	6.5	8.1	7.2	5.8	6.6
5	13.0	11.9	12.3	11.3	10.0	10.4	8.5	6.0	7.9	8.3	5.8	7.3
6	12.8	11.9	12.3	11.4	10.3	10.8	9.0	5.6	7.8	8.6	6.9	7.8
7	13.3	12.4	12.7	11.6	10.5	11.1	9.6	6.2	8.7	9.8	8.3	9.1
8	12.7	12.0	12.4	11.3	10.5	11.0	10.2	8.0	9.4	10.2	9.3	9.7
9	12.6	12.3	12.5	11.6	10.8	11.2	10.7	8.6	9.9	10.3	8.1	9.6
10	12.8	12.4	12.5	12.5	10.8	11.7	11.0	7.6	10.2	9.9	9.2	9.6
11	13.1	12.4	12.7	12.0	10.8	11.6	11.0	10.4	10.7	9.9	7.4	9.0
12	13.4	12.7	13.0	11.2	9.5	10.8	10.8	8.9	10.1	9.5	7.1	8.7
13	13.3	12.3	12.8	11.8	9.9	11.0	10.4	8.9	10	8.8	7.2	8.3
14	13.0	11.0	12.3	11.5	10.3	10.9	10.2	6.6	9.5	9.6	6.8	8.6
15	12.3	11.9	12.1	10.9	9.5	10.4	9.8	7.0	9.4	9.1	7.0	8.5
16	12.4	12.0	12.2	10.6	9.5	10.0	10.0	8.1	9.0	9.1	7.9	8.7
17	13.2	12.3	12.7	10.0	9.4	9.8	10.3	9.4	9.8	8.5	6.7	7.8
18	13.0	11.7	12.7	10.8	9.3	10.3	10.3	7.7	9.5	7.1	6.4	6.9
19	13.4	12.6	12.9	11.6	10.0	10.7	9.9	6.5	8.7	8.3	5.7	7.3
20	13.9	13.3	13.7	11.9	10.9	11.4	10.1	6.5	8.9	9.2	7.4	8.5
21	13.7	12.9	13.3	11.4	10.3	11.0	10.4	6.5	9.1	9.6	7.9	9.0
22	12.9	11.6	12.4	11.0	10.1	10.6	11.0	8.6	9.9	9.1	7.3	8.5
23	12.3	11.9	12.1	10.8	10.2	10.6	10.5	8.3	9.7	9.0	7.8	8.6
24	12.3	11.9	12.1	11.3	9.2	10.5	9.9	8.5	9.4	9.0	7.2	8.3
25	12.6	12.0	12.4	10.3	9.3	9.9	9.3	8.3	9.0	9.1	6.3	8.1
26	12.4	11.6	12.0	10.0	8.8	9.4	8.5	7.5	8.2	8.6	7.1	8.0
27	11.7	10.8	11.3	10.5	9.4	10	9.0	7.5	8.3	8.6	5.9	7.6
28	11.4	11.1	11.2	11.2	7.8	9.9	8.6	7.3	8.0	8.6	6.7	7.8
29	---	---	---	9.9	8.5	9.4	7.8	6.4	7.3	8.8	6.2	7.9
30	---	---	---	9.9	7.8	9.2	8.3	6.0	7.7	8.5	6.5	7.5
31	---	---	---	10.4	8.5	9.6	---	---	---	---	---	---
Month	13.9	10.8	12.4	12.5	7.8	10.5	11.0	5.6	9.0	---	---	---

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, 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	7.9	5.7	6.8	---	---	---	---	---	---	---	---	---
2	7.6	5.5	6.7	---	---	---	---	---	---	---	---	---
3	7.9	6.4	7.2	---	---	---	---	---	---	---	---	---
4	8.2	5.5	7.0	---	---	---	---	---	---	---	---	---
5	7.8	5.6	7.2	---	---	---	---	---	---	---	---	---
6	8.0	6.0	7.2	---	---	---	---	---	---	---	---	---
7	7.9	5.0	6.7	---	---	---	---	---	---	---	---	---
8	7.9	5.0	6.9	---	---	---	---	---	---	---	---	---
9	7.6	5.2	6.6	---	---	---	---	---	---	---	---	---
10	6.3	3.7	5.3	---	---	---	---	---	---	---	---	---
11	7.5	1.7	5.1	---	---	---	---	---	---	---	---	---
12	7.7	3.9	6.3	---	---	---	---	---	---	---	---	---
13	7.3	5.0	6.4	---	---	---	---	---	---	---	---	---
14	6.5	4.6	5.7	---	---	---	---	---	---	---	---	---
15	7.6	3.3	5.6	---	---	---	---	---	---	---	---	---
16	9.0	5.1	7.6	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, 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	---	---	---	---	---	---	---	---	---	---	---	---

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, 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	---	---	---	---	---	---	114	103	110	93	84	87
2	---	---	---	---	---	---	109	97	105	107	81	95
3	---	---	---	---	---	---	105	90	100	109	95	102
4	---	---	---	103	96	100	101	91	97	124	97	110
5	---	---	---	106	98	102	106	90	98	122	97	112
6	---	---	---	104	100	102	110	91	99	110	90	105
7	---	---	---	103	95	99	108	97	103	99	84	91
8	---	---	---	110	97	102	112	97	107	95	81	87
9	---	---	---	112	104	107	103	89	96	94	74	83
10	---	---	---	111	105	108	103	91	97	100	78	90
11	---	---	---	112	99	106	107	92	101	112	94	102
12	---	---	---	113	97	106	114	97	103	112	89	98
13	---	---	---	113	104	108	111	98	106	103	84	97
14	---	---	---	105	97	101	110	99	105	97	84	93
15	---	---	---	105	90	98	116	96	105	97	71	85
16	---	---	---	112	96	105	109	98	104	92	82	86
17	---	---	---	112	102	105	100	88	93	89	74	80
18	---	---	---	108	97	102	99	82	91	94	77	84
19	---	---	---	110	98	105	113	88	100	92	71	83
20	---	---	---	115	102	107	126	96	111	91	68	81
21	---	---	---	107	98	103	114	96	107	91	65	77
22	---	---	---	108	95	101	103	93	99	87	65	74
23	---	---	---	115	101	107	109	90	99	83	68	76
24	---	---	---	107	99	104	107	88	96	99	52	75
25	---	---	---	107	97	101	104	81	93	88	61	77
26	---	---	---	109	96	103	94	79	85	92	76	84
27	---	---	---	118	102	110	84	73	78	87	56	80
28	---	---	---	119	108	113	96	70	81	80	54	64
29	---	---	---	120	110	115	97	72	84	74	54	62
30	---	---	---	123	108	115	102	78	88	91	40	65
31	---	---	---	118	104	112	---	---	---	76	43	63
Month	---	---	---	---	---	---	126	70	98	124	40	85

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, 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	---	---	---	23	1	9	95	10	49	100	71	93
2	---	---	---	45	1	17	109	13	60	76	46	63
3	---	---	---	70	8	39	93	60	78	---	---	---
4	---	---	---	57	20	43	106	62	84	---	---	---
5	---	---	---	79	40	64	93	47	69	---	---	---
6	---	---	---	78	38	59	84	37	65	---	---	---
7	73	41	59	60	24	35	89	50	70	---	---	---
8	100	59	81	63	15	37	103	51	73	---	---	---
9	111	60	77	63	23	48	91	28	66	---	---	---
10	78	54	68	85	43	63	82	44	65	---	---	---
11	97	54	73	93	53	74	73	25	65	---	---	---
12	77	56	69	91	38	75	97	35	67	63	28	43
13	97	41	68	101	59	82	116	43	82	76	37	64
14	103	60	78	90	65	77	121	67	99	85	68	78
15	72	55	63	74	51	58	118	77	104	80	48	68
16	73	49	56	79	44	56	119	72	102	55	25	47
17	72	19	49	98	19	56	99	52	77	50	24	42
18	66	33	53	88	34	68	92	35	76	73	19	54
19	78	20	53	99	45	70	111	39	78	86	56	77
20	81	54	68	85	26	57	98	52	79	77	45	65
21	87	43	61	91	66	79	93	43	78	45	13	35
22	73	38	52	109	78	93	92	28	72	63	15	44
23	85	33	53	105	75	94	98	43	75	85	21	65
24	84	53	66	81	46	60	101	40	68	91	41	80
25	91	53	74	48	29	40	101	19	64	91	53	66
26	97	81	89	56	28	41	102	32	74	56	36	46
27	94	80	89	73	17	52	104	38	71	52	29	42
28	80	32	50	107	53	74	119	29	73	67	21	47
29	34	6	18	99	59	83	130	48	92	68	41	57
30	23	1	12	76	41	62	113	37	90	72	39	56
31	---	---	---	106	36	66	97	62	81	---	---	---
Month	---	---	---	109	1	59	130	10	76	---	---	---

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, 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	70	40	63	---	---	---	95	60	77	95	76	89
2	80	41	63	---	---	---	95	61	80	93	77	83
3	75	42	60	---	---	---	61	52	56	80	71	76
4	77	55	68	---	---	---	66	54	61	86	75	79
5	87	52	73	---	---	---	75	52	67	80	72	76
6	81	45	71	---	---	---	77	61	70	93	79	88
7	96	40	85	---	---	---	82	67	75	88	77	81
8	92	63	77	---	---	---	87	68	79	92	80	88
9	86	43	67	---	---	---	91	81	86	81	71	76
10	87	48	76	---	---	---	96	87	93	79	73	77
11	95	67	84	---	---	---	92	81	87	78	69	75
12	101	82	94	---	---	---	83	70	80	77	66	73
13	97	72	83	---	---	---	85	75	79	78	66	73
14	84	50	71	---	---	---	85	75	82	81	68	75
15	100	72	87	---	---	---	92	79	85	95	70	81
16	93	68	82	---	---	---	91	80	87	94	80	89
17	90	55	75	---	---	---	90	74	83	85	76	81
18	108	73	88	---	---	---	92	82	88	85	78	81
19	86	59	78	---	---	---	88	71	81	93	79	84
20	91	74	85	---	---	---	80	71	75	91	80	86
21	88	57	76	---	---	---	84	75	79	92	79	85
22	80	46	65	---	---	---	87	79	83	92	79	84
23	76	51	68	---	---	---	93	87	90	81	77	80
24	88	56	73	---	---	---	90	81	86	84	77	80
25	90	67	80	---	---	---	95	77	86	83	77	80
26	98	74	87	---	---	---	94	87	91	89	79	83
27	104	82	98	---	---	---	93	80	84	100	88	94
28	106	88	102	---	---	---	81	75	77	100	91	98
29	106	82	99	55	29	46	76	70	73	98	86	91
30	106	83	98	62	33	51	74	65	70	102	93	98
31	---	---	---	---	---	---	76	66	72	101	91	95
Month	---	---	---	---	---	---	96	52	79	102	66	83

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, 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	96	92	95	104	95	97	104	70	96	99	69	91
2	92	89	90	105	101	103	109	78	96	102	77	91
3	100	87	95	104	97	100	105	62	93	96	75	86
4	103	98	101	99	92	96	96	70	88	79	64	73
5	102	92	96	101	89	94	92	65	85	89	63	78
6	98	89	93	102	90	96	94	59	82	92	74	84
7	100	95	97	102	92	97	96	63	88	103	85	95
8	98	93	96	100	91	96	99	75	91	106	94	99
9	99	93	96	104	94	98	103	81	94	112	82	100
10	100	93	97	112	95	104	108	72	98	114	101	106
11	104	94	98	113	100	106	104	99	101	117	84	103
12	106	98	101	107	86	99	105	84	98	114	83	102
13	105	99	102	112	91	102	107	88	100	100	84	94
14	105	90	100	112	96	104	104	66	96	110	75	96
15	101	93	97	108	94	103	100	70	94	104	77	96
16	99	94	96	106	92	99	96	80	88	104	89	99
17	104	94	99	94	89	92	100	90	94	97	75	88
18	102	92	100	100	84	93	100	74	91	80	70	76
19	104	96	100	106	90	96	96	62	84	91	62	80
20	111	103	106	111	97	104	105	62	89	103	80	93
21	111	105	108	106	95	101	106	63	92	110	87	101
22	105	100	102	106	92	99	117	89	102	106	81	96
23	103	98	100	109	97	103	114	86	102	105	89	98
24	104	97	100	118	94	106	110	90	101	106	82	96
25	104	99	102	106	93	100	103	90	99	110	72	96
26	107	99	102	102	87	94	96	83	91	105	83	96
27	101	95	97	112	94	102	101	82	91	106	70	92
28	103	96	98	121	81	105	96	82	90	108	83	95
29	---	---	---	105	88	98	89	72	82	113	76	99
30	---	---	---	102	80	94	96	69	88	107	79	93
31	---	---	---	108	85	98	---	---	---	---	---	---
Month	111	87	99	121	80	99	117	59	93	---	---	---

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, 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	101	70	85	---	---	---	---	---	---	---	---	---
2	96	68	84	---	---	---	---	---	---	---	---	---
3	96	79	88	---	---	---	---	---	---	---	---	---
4	102	66	86	---	---	---	---	---	---	---	---	---
5	98	70	89	---	---	---	---	---	---	---	---	---
6	101	74	89	---	---	---	---	---	---	---	---	---
7	100	62	83	---	---	---	---	---	---	---	---	---
8	102	62	87	---	---	---	---	---	---	---	---	---
9	97	67	84	---	---	---	---	---	---	---	---	---
10	80	46	68	---	---	---	---	---	---	---	---	---
11	95	21	64	---	---	---	---	---	---	---	---	---
12	100	48	80	---	---	---	---	---	---	---	---	---
13	92	62	80	---	---	---	---	---	---	---	---	---
14	80	55	70	---	---	---	---	---	---	---	---	---
15	89	39	65	---	---	---	---	---	---	---	---	---
16	106	57	86	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, 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	---	---	---	---	---	---	---	---	---	---	---	---

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, 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	---	---	---	---	---	---	6.9	4.4	5.7	25	14	17
2	---	---	---	---	---	---	7.5	4.7	6.0	36	16	19
3	---	---	---	---	---	---	26	4.8	7.1	40	18	23
4	---	---	---	12	7.8	9.5	8.9	5.3	6.9	---	---	---
5	---	---	---	10	7.5	8.4	10	5.6	7.7	---	---	---
6	---	---	---	9.2	7.0	7.8	8.1	5.4	7.1	---	---	---
7	---	---	---	14	7.0	8.8	9.6	5.8	7.5	11	2.9	6.5
8	---	---	---	10	6.6	8.1	24	9.0	13	46	4.8	12
9	---	---	---	12	7.5	9.4	76	16	30	6.2	2.0	4.0
10	---	---	---	16	8.1	12	1,110	26	110	5.9	1.4	2.7
11	---	---	---	15	8.1	11	1,120	14	240	22	0.4	7.5
12	---	---	---	11	8.1	9.2	17	5.9	12	13	3.6	6.0
13	---	---	---	12	7.6	9.0	8.4	3.9	5.6	9.7	3.1	5.8
14	---	---	---	14	7.3	9.9	11	3.4	5.1	28	5.5	10
15	---	---	---	22	7.5	11	9.7	5.5	6.9	12	6.4	9.3
16	---	---	---	15	8.5	11	18	5.5	7.6	15	6.9	8.7
17	---	---	---	12	7.2	9.6	12	7.0	9.7	11	4.7	7.5
18	---	---	---	13	6.2	7.6	17	9.3	12	9.3	4.5	6.5
19	---	---	---	8.7	5.7	7.0	17	5.8	9.9	9.2	5.1	6.9
20	---	---	---	9.0	5.5	7.0	8.7	5.7	7.1	9.8	4.2	7.2
21	---	---	---	9.0	6.1	7.2	9.4	5.1	7.1	9.1	4.6	6.3
22	---	---	---	12	6.1	7.8	14	4.3	8.0	8.7	3.7	6.4
23	---	---	---	8.2	5.8	6.8	7.9	4.7	5.5	8.8	3.6	6.1
24	---	---	---	8.0	5.4	6.7	5.7	3.6	4.7	14	3.1	5.5
25	---	---	---	9.5	5.9	7.1	11	3.2	4.7	8.3	2.3	4.1
26	---	---	---	10	5.9	7.5	7.9	4.3	5.8	7.7	2.1	4.0
27	---	---	---	8.5	5.9	6.9	8.6	5.5	7.0	9.0	2.7	5.3
28	---	---	---	11	5.8	7.4	13	5.8	8.7	7.9	2.3	4.4
29	---	---	---	10	5.4	7.1	31	7.3	14	16	0.7	2.8
30	---	---	---	15	5.0	6.8	50	10	20	4.7	0.0	2.5
31	---	---	---	8.9	4.7	5.7	---	---	---	6.7	0.7	3.3
Month	---	---	---	---	---	---	1,120	3.2	20	---	---	---

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, 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	7.7	0.3	4.1	---	---	---	3.7	0.2	1.6	76	7.5	30
2	8.8	2.8	5.5	---	---	---	3.9	0.3	2.0	12	5.5	9.4
3	11	3.7	6.8	---	---	---	4.8	0.0	2.6	---	---	---
4	8.4	3.8	6.0	3.8	0.5	1.8	7.0	0.9	2.5	---	---	---
5	7.6	2.1	4.7	7.3	2.0	4.6	5.7	1.2	2.8	---	---	---
6	10	2.1	6.6	6.5	1.7	3.3	9.8	1.5	4.4	---	---	---
7	19	7.5	11	3.0	0.0	1.2	12	2.7	4.7	---	---	---
8	14	8.3	9.7	6.4	0.1	1.8	8.7	2.0	4.5	---	---	---
9	14	8.0	10	8.9	2.3	4.2	5.9	1.0	3.2	---	---	---
10	26	8.6	11	6.8	3.6	4.8	7.3	1.2	3.7	---	---	---
11	16	6.9	10	5.1	2.5	3.9	6.9	0.5	4.2	---	---	---
12	12	7.2	10	5.6	1.7	3.5	11	1.0	4.4	4.4	0.6	1.8
13	13	8.1	11	9.1	3.6	5.2	10	1.8	4.2	4.9	1.7	3.5
14	34	9.5	18	7.3	2.2	4.2	7.1	2.6	4.7	5.9	2.6	4.1
15	38	19	27	4.4	1.4	2.3	9.7	2.1	5.6	5.2	1.7	2.7
16	26	14	18	6.4	2.7	4.0	7.7	2.7	5.2	3.2	0.5	2.4
17	16	12	14	5.3	2.3	3.4	7.0	2.1	4.1	3.4	0.1	1.7
18	18	11	14	3.9	2.0	3.0	5.8	1.1	3.5	2.9	0.5	1.9
19	16	10	13	4.6	1.8	2.9	4.2	0.6	2.5	4.7	1.6	2.8
20	15	9.9	12	4.7	1.4	2.8	6.6	1.5	3.4	3.3	1.8	2.6
21	12	7.0	9.8	5.9	3.0	4.3	7.1	1.1	4.0	2.8	0.0	1.4
22	12	6.7	8.8	10	4.7	6.6	4.5	0.9	2.8	2.9	0.0	1.7
23	11	5.4	8.8	7.8	3.6	5.2	6.2	1.2	2.6	5.5	0.9	3.0
24	14	5.4	9.0	7.3	3.4	5.2	4.5	0.1	2.2	5.0	1.7	3.4
25	18	6.1	10	10	2.3	5.3	3.9	0.0	1.9	4.2	1.6	2.6
26	26	8.6	13	4.8	1.0	2.5	5.4	0.5	2.6	3.0	0.7	1.6
27	15	9.5	12	5.8	1.6	2.9	7.5	0.1	3.0	3.0	0.0	1.1
28	11	3.2	6.9	5.1	2.0	3.5	8.3	1.3	4.0	3.1	0.4	1.8
29	---	---	---	4.4	2.0	3.3	7.9	1.5	5.1	3.4	0.2	1.7
30	---	---	---	4.9	0.6	2.2	10	2.3	6.7	11	0.1	2.1
31	---	---	---	3.5	0.6	1.7	34	5.3	13	---	---	---
Month	---	---	---	---	---	---	34	0.0	3.9	---	---	---

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, 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	6.7	1.0	2.5	---	---	---	28	8.0	13	7.8	1.5	4.2
2	2.7	0.7	1.8	---	---	---	18	8.1	11	5.0	2.5	3.7
3	4.5	0.9	2.5	---	---	---	11	4.7	6.6	4.9	2.0	3.4
4	4.1	1.8	3.0	---	---	---	11	3.2	5.8	4.0	1.9	2.9
5	5.9	1.5	3.3	---	---	---	5.1	2.6	3.6	5.3	2.7	3.6
6	5.9	1.7	3.7	---	---	---	9.3	2.1	2.9	6.4	2.2	3.4
7	25	1.7	10	---	---	---	10	2.2	3.1	5.4	3.5	4.4
8	11	3.2	5.0	---	---	---	47	3.3	11	8.9	3.6	5.0
9	6.5	2.6	3.7	---	---	---	4.5	2.6	3.6	13	4.1	7.1
10	4.0	1.9	2.8	---	---	---	7.6	3.0	4.5	12	6.3	8.9
11	5.2	1.5	3.6	---	---	---	3.6	1.4	2.4	18	6.3	11
12	14	4.3	7.0	---	---	---	2.0	0.7	1.3	19	5.2	11
13	8.1	3.1	5.6	---	---	---	1.9	0.4	1.0	15	3.6	6.4
14	6.1	2.6	3.6	---	---	---	3.1	0.7	1.6	11	3.1	5.6
15	7.0	2.7	4.5	---	---	---	4.5	1.6	2.2	---	---	---
16	4.6	2.7	3.8	---	---	---	6.4	1.5	2.6	---	---	---
17	3.9	1.4	2.8	---	---	---	6.2	1.4	2.5	16	6.8	8.5
18	4.2	2.1	3.1	---	---	---	3.5	1.8	2.4	8.3	5.8	7.1
19	4.1	1.4	2.4	---	---	---	2.7	0.0	1.5	21	3.2	5.7
20	4.1	1.4	2.8	---	---	---	1.4	0.2	0.8	18	2.8	6.5
21	3.5	0.5	2.3	---	---	---	1.1	0.2	0.6	5.1	2.9	4.1
22	2.4	0.0	1.1	---	---	---	1.7	0.4	1.1	5.6	3.2	4.2
23	2.7	0.5	1.7	---	---	---	7.8	1.7	4.0	8.1	4.7	6.6
24	8.5	0.4	3.5	---	---	---	5.2	1.6	2.7	8.2	6.4	7.4
25	8.7	1.0	3.7	---	---	---	13	1.4	3.8	12	6.7	8.0
26	7.3	0.8	2.6	---	---	---	14	2.2	4.8	17	5.4	8.2
27	3.6	0.8	2.3	---	---	---	9.9	1.2	3.0	5.6	3.7	4.6
28	10	2.9	6.0	---	---	---	2.7	0.6	1.3	6.5	4.3	5.0
29	9.3	1.6	4.3	16	8.4	11	6.3	0.5	1.7	8.9	4.2	5.5
30	38	2.0	6.9	9.7	7.4	8.6	2.8	1.3	2.1	7.3	3.9	4.7
31	---	---	---	---	---	---	4.5	1.2	2.5	6.1	3.7	4.8
Month	---	---	---	---	---	---	47	0.0	3.6	---	---	---

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, 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	4.0	3.3	3.7	7.2	4.6	5.9	---	---	---	2.6	0.0	1.1
2	3.7	2.9	3.3	24	4.6	12	---	---	---	10	0.8	3.6
3	4.0	2.9	3.2	12	5.9	7.9	---	---	---	4.2	2.1	3.0
4	5.2	3.1	4.0	8.0	5.1	6.7	---	---	---	12	1.1	3.1
5	6.8	3.3	4.0	8.2	4.8	6.1	---	---	---	5.5	0.9	3.0
6	4.0	2.8	3.3	12	4.6	6.5	---	---	---	33	2.6	12
7	4.3	2.6	3.2	9.8	4.1	6.8	---	---	---	81	8.3	23
8	10	2.5	3.6	6.7	4.3	5.3	---	---	---	21	10	12
9	3.8	2.3	3.1	9.4	4.2	5.4	---	---	---	42	13	24
10	3.6	2.1	2.5	12	3.7	5.1	---	---	---	41	17	23
11	3.7	2.1	2.5	6.2	3.7	5.1	---	---	---	35	18	24
12	4.2	2.7	3.4	4.9	1.2	3.5	29	3.2	9.4	27	15	21
13	4.7	3.0	3.8	8.9	2.0	3.5	7.3	2.1	3.9	17	13	16
14	18	3.6	8.4	5.4	1.8	3.4	12	0.3	2.9	15	7.9	11
15	11	4.1	6.0	9.0	0.7	3.1	20	1.5	7.0	18	4.3	8.7
16	6.0	4.0	4.5	6.5	0.2	2.4	28	6.9	16	16	3.6	9.6
17	6.4	4.1	4.9	8.5	1.2	3.4	25	10	14	12	7.6	8.5
18	12	4.0	5.7	4.3	0.6	2.0	15	8.7	11	8.7	3.8	6.4
19	11	4.5	6.9	3.7	0.0	1.3	12	5.8	9.4	11	3.2	5.0
20	11	7.2	8.5	5.1	1.0	2.9	14	4.8	9.7	8.9	2.7	5.5
21	10	6.0	8.0	5.0	1.8	3.3	12	3.4	6.4	13	6.1	9.0
22	38	4.1	8.2	7.7	1.7	3.9	7.5	4.3	5.6	6.9	1.8	5.2
23	28	5.7	12	7.0	3.7	5.1	13	3.7	5.4	7.1	2.6	4.2
24	13	6.0	7.8	4.9	0.3	3.7	10	3.4	5.2	10	1.6	3.7
25	9.9	6.6	7.9	13	0.9	4.1	5.7	2.8	3.7	6.7	2.0	3.6
26	9.3	5.5	7.0	5.7	0.5	2.0	10	1.4	2.7	6.5	1.8	3.9
27	8.4	4.8	5.9	7.8	2.3	5.0	5.5	1.7	2.9	5.4	1.1	3.3
28	6.4	4.9	5.5	5.4	0.9	3.6	5.1	1.6	2.7	6.8	1.6	3.2
29	---	---	---	5.3	2.1	3.4	11	0.7	2.0	3.5	0.4	2.2
30	---	---	---	5.5	2.1	3.5	6.5	0.0	1.2	9.5	0.1	1.6
31	---	---	---	6.9	3.2	5.1	---	---	---	---	---	---
Month	38	2.1	5.4	24	0.0	4.5	---	---	---	---	---	---

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, 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	7.2	4.0	5.8	---	---	---	---	---	---	---	---	---
2	9.1	3.7	6.0	---	---	---	---	---	---	---	---	---
3	20	5.4	11	---	---	---	---	---	---	---	---	---
4	13	6.1	8.6	---	---	---	---	---	---	---	---	---
5	11	3.4	7.6	---	---	---	---	---	---	---	---	---
6	11	3.4	4.8	---	---	---	---	---	---	---	---	---
7	7.3	1.0	4.1	---	---	---	---	---	---	---	---	---
8	5.8	2.4	3.8	---	---	---	---	---	---	---	---	---
9	7.3	1.5	3.1	---	---	---	---	---	---	---	---	---
10	5.3	0.7	3.2	---	---	---	---	---	---	---	---	---
11	4.2	0.0	2.3	---	---	---	---	---	---	---	---	---
12	4.6	0.3	2.4	---	---	---	---	---	---	---	---	---
13	5.4	1.9	3.2	---	---	---	---	---	---	---	---	---
14	6.8	1.6	3.9	---	---	---	---	---	---	---	---	---
15	5.8	0.7	3.9	---	---	---	---	---	---	---	---	---
16	13	1.8	5.4	---	---	---	---	---	---	---	---	---
17	15	3.6	6.5	---	---	---	---	---	---	---	---	---
18	7.4	2.9	5.3	---	---	---	---	---	---	---	---	---
19	10	2.4	5.3	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, 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	---	---	---	---	---	---	---	---	---	---	---	---

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, NC—Continued

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

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	---	---	---	14.8	11.2	13.2	---	---	---
2	---	---	---	---	---	---	13.2	11.1	12.1	---	---	---
3	---	---	---	---	---	---	12.3	9.00	10.5	---	---	---
4	---	---	---	15.6	11.7	13.1	10.0	7.40	9.15	---	---	---
5	---	---	---	15.3	12.3	13.4	10.4	7.40	9.08	---	---	---
6	---	---	---	19.6	12.6	15.4	11.5	7.90	9.70	---	---	---
7	---	---	---	15.8	12.3	13.9	9.70	7.60	8.63	16.7	9.10	11.9
8	---	---	---	16.7	12.1	14.2	10.3	8.10	9.20	14.0	9.90	12.1
9	---	---	---	17.1	13.7	15.6	12.4	8.70	11.0	16.1	12.3	13.8
10	---	---	---	18.5	13.8	15.6	12.5	9.50	11.1	13.9	10.1	11.7
11	---	---	---	21.0	14.7	17.0	13.1	9.00	11.0	11.4	8.80	10.1
12	---	---	---	19.1	14.9	17.1	14.3	8.80	11.0	12.9	8.70	10.6
13	---	---	---	19.2	15.0	17.1	12.8	8.80	10.8	11.1	8.00	9.56
14	---	---	---	18.4	12.7	15.7	14.4	8.60	11.3	9.70	7.10	8.05
15	---	---	---	19.6	13.3	16.4	16.0	8.70	13.2	9.00	7.30	7.97
16	---	---	---	19.9	13.8	15.8	16.6	13.9	15.2	10.0	7.00	7.92
17	---	---	---	18.3	13.9	16.2	14.4	10.3	12.9	10.6	7.40	8.96
18	---	---	---	20.7	14.4	17.5	13.5	10.8	12.1	10.0	7.00	8.08
19	---	---	---	20.1	14.6	17.7	16.0	9.80	12.3	9.90	7.20	8.12
20	---	---	---	19.1	13.7	15.7	17.6	11.3	14.0	11.0	7.90	8.89
21	---	---	---	20.4	12.8	15.8	15.9	9.60	12.6	12.0	8.10	9.77
22	---	---	---	19.8	14.5	17.6	---	---	---	13.7	9.30	11.3
23	---	---	---	18.6	12.7	16.4	---	---	---	13.4	8.70	11.2
24	---	---	---	19.9	11.4	16.0	---	---	---	15.2	10.5	11.7
25	---	---	---	21.5	17.0	19.2	---	---	---	11.7	7.20	9.63
26	---	---	---	20.3	16.3	18.1	---	---	---	9.80	6.60	8.28
27	---	---	---	18.5	12.1	15.6	---	---	---	9.90	5.90	7.70
28	---	---	---	13.2	9.70	11.9	---	---	---	14.8	8.70	11.0
29	---	---	---	15.4	11.1	13.1	---	---	---	15.0	10.6	12.1
30	---	---	---	16.5	12.9	15.1	---	---	---	13.9	9.40	11.2
31	---	---	---	15.5	12.5	14.3	---	---	---	10.7	8.10	9.39
Month	---	---	---	---	---	---	---	---	---	---	---	---

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, 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	---	---	---	25.6	15.2	16.9	21.4	13.5	16.4	23.1	11.4	17.7
2	---	---	---	42.8	15.4	21.3	25.1	14.4	17.7	12.0	9.30	10.9
3	---	---	---	26.4	17.6	21.2	26.6	15.3	20.5	---	---	---
4	---	---	---	24.7	17.0	20.8	28.7	17.4	22.9	---	---	---
5	---	---	---	20.4	16.6	18.5	27.0	17.5	21.4	---	---	---
6	---	---	---	22.9	17.5	19.7	28.4	17.5	20.4	---	---	---
7	14.5	10.3	12.5	30.1	19.4	22.9	23.6	16.6	19.4	---	---	---
8	13.6	9.70	11.4	33.0	17.9	23.5	23.2	14.4	17.9	---	---	---
9	19.6	9.20	12.8	25.6	19.3	21.4	28.5	14.1	18.8	---	---	---
10	17.4	12.4	15.1	24.9	19.5	21.7	20.5	14.3	17.0	---	---	---
11	24.7	11.7	15.2	28.9	19.1	22.2	22.5	13.6	18.5	---	---	---
12	20.3	9.80	14.1	22.8	18.7	20.6	24.5	15.2	18.9	19.5	11.6	14.2
13	21.3	11.5	16.6	23.9	17.1	19.8	28.4	13.8	18.4	17.9	13.8	15.8
14	20.1	12.5	15.6	23.4	16.6	20.1	22.9	13.2	17.4	17.7	13.5	15.8
15	14.7	11.1	12.5	22.5	17.8	20.3	18.8	13.7	16.2	21.7	11.8	15.9
16	12.7	9.70	11.1	26.3	17.4	20.4	23.8	12.8	18.1	16.5	13.7	15.3
17	14.2	8.90	11.3	28.0	16.9	20.3	22.0	13.1	18.2	17.7	13.2	15.2
18	13.2	10.0	11.4	21.9	17.7	19.6	16.7	11.2	14.3	16.8	13.5	15.1
19	17.3	9.60	13.2	34.4	17.4	22.4	20.3	9.50	13.5	15.2	9.70	13.4
20	21.0	14.2	17.2	21.7	15.4	17.8	14.3	9.40	11.7	16.9	11.5	14.2
21	25.4	12.5	16.4	20.2	15.4	18.2	14.6	9.60	12.4	15.7	13.4	14.7
22	18.7	12.2	15.2	16.6	12.9	14.9	14.7	10.2	12.6	16.2	12.3	14.7
23	23.1	15.7	19.9	14.0	10.4	12.8	15.5	10.1	12.7	14.3	10.5	12.4
24	21.5	14.9	17.7	16.2	13.9	14.7	16.0	10.1	12.4	12.1	8.30	10.5
25	18.5	12.0	15.2	14.8	12.0	13.4	14.5	8.50	11.1	14.8	8.30	12.0
26	13.0	11.1	12.1	14.5	12.2	13.3	14.1	8.50	10.9	17.1	13.4	15.3
27	12.1	9.50	10.8	16.0	12.2	14.5	13.7	7.40	10.4	19.3	14.6	16.9
28	13.9	10.3	12.0	21.7	13.8	16.9	14.0	7.60	10.5	17.8	13.9	15.7
29	18.7	12.4	14.3	20.2	14.6	17.2	14.5	7.80	11.5	19.4	14.0	15.7
30	18.9	13.8	15.6	19.5	13.8	16.5	17.7	7.70	13.5	18.7	14.7	16.5
31	---	---	---	20.0	14.1	16.8	21.3	11.9	16.3	---	---	---
Month	---	---	---	42.8	10.4	18.7	28.7	7.40	15.9	---	---	---

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, 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	20.9	13.4	16.1	---	---	---	19.4	13.4	15.7	15.5	13.4	14.3
2	28.9	15.9	20.0	---	---	---	18.5	14.5	16.2	15.6	13.3	14.2
3	18.8	13.2	15.7	---	---	---	16.3	13.2	14.4	15.3	12.6	13.7
4	15.3	11.9	13.6	---	---	---	16.2	13.8	14.8	15.0	12.5	13.7
5	15.5	10.9	13.0	---	---	---	16.0	14.1	15.0	14.8	12.2	13.4
6	16.1	13.0	14.6	---	---	---	16.2	14.3	15.2	15.5	13.1	13.9
7	16.7	12.4	13.6	---	---	---	16.7	14.1	15.4	14.6	12.6	13.7
8	18.5	12.4	15.8	---	---	---	17.5	14.6	16.1	15.4	13.2	14.1
9	19.0	15.0	16.5	---	---	---	17.8	14.9	15.9	14.1	12.3	13.1
10	18.9	14.3	15.7	---	---	---	16.1	13.4	14.5	14.3	12.3	13.1
11	18.2	12.0	14.4	---	---	---	16.7	13.6	15.4	14.0	12.5	13.2
12	13.2	11.1	12.0	---	---	---	16.4	13.7	15.3	13.7	11.9	12.8
13	13.2	11.1	12.2	---	---	---	16.7	13.6	15.2	13.5	11.6	12.5
14	13.6	11.0	12.4	---	---	---	16.4	13.9	15.0	13.5	11.2	12.4
15	13.2	10.2	11.9	---	---	---	16.5	14.2	15.2	13.3	11.4	12.3
16	14.0	9.60	12.3	---	---	---	16.2	13.6	15.3	13.4	11.3	12.5
17	13.8	10.0	11.9	---	---	---	16.2	14.1	15.2	14.1	12.5	13.2
18	16.0	9.40	11.6	---	---	---	16.2	14.2	15.2	14.0	12.4	13.1
19	14.7	10.9	12.5	---	---	---	16.0	12.7	14.5	14.9	12.5	13.6
20	13.5	9.60	10.9	---	---	---	15.4	13.1	14.1	15.0	13.4	14.2
21	15.0	11.0	12.7	---	---	---	16.5	13.5	15.3	15.4	13.4	14.2
22	13.9	10.6	12.2	---	---	---	16.1	12.9	15.1	15.1	13.3	14.0
23	14.5	10.9	13.0	---	---	---	14.0	12.2	13.0	14.9	13.3	14.1
24	15.8	11.6	14.6	---	---	---	15.2	12.5	14.2	14.8	13.1	14.0
25	15.9	11.9	14.6	---	---	---	16.1	12.9	14.3	14.6	12.9	13.7
26	15.0	10.7	13.6	---	---	---	14.9	12.4	14.1	14.8	12.9	13.6
27	12.5	8.10	10.3	---	---	---	14.6	12.8	13.7	14.4	12.9	13.5
28	11.6	9.00	10.4	---	---	---	14.6	12.8	13.6	14.9	13.0	13.8
29	11.8	8.60	10.2	12.0	9.20	10.9	15.3	13.0	14.0	15.2	12.8	13.6
30	11.8	9.50	10.8	16.2	10.6	12.8	16.8	13.6	14.7	14.8	12.6	13.8
31	---	---	---	---	---	---	16.0	13.8	14.6	14.9	12.5	13.4
Month	---	---	---	---	---	---	19.4	12.2	14.8	15.6	11.2	13.5

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, NC—Continued

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

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	15.4	12.7	13.6	19.9	12.9	15.9	19.2	11.2	15.2	12.4	9.00	10.2
2	13.8	12.1	12.9	26.0	18.6	21.2	19.8	10.2	14.8	12.2	9.30	10.4
3	14.3	12.4	13.1	24.4	16.6	20.1	20.5	9.70	13.2	15.6	9.10	11.7
4	16.2	13.1	14.1	23.8	14.3	19.0	12.6	9.60	11.5	18.9	14.5	16.2
5	14.4	12.1	13.0	27.6	13.3	15.9	12.5	9.80	11.3	17.6	13.0	15.4
6	14.1	12.1	13.1	27.6	13.0	16.1	13.4	9.40	11.3	23.0	14.0	18.7
7	14.4	12.0	12.9	21.0	13.0	16.6	18.6	10.0	14.4	25.9	20.4	23.3
8	13.5	11.6	12.4	15.4	12.9	14.2	17.7	12.2	13.9	26.6	23.2	24.7
9	13.3	11.2	12.1	15.9	13.2	14.6	14.6	10.2	12.7	23.2	15.3	17.3
10	13.7	11.6	12.5	23.5	13.1	18.1	18.5	12.5	15.2	17.0	14.1	15.5
11	14.2	11.8	12.8	25.5	16.1	20.5	16.2	10.6	13.9	17.0	11.9	14.8
12	15.5	12.5	13.9	17.5	11.9	14.9	16.2	11.6	13.9	15.3	11.6	13.7
13	18.0	12.5	14.4	27.7	13.0	20.0	17.5	13.0	14.9	21.0	12.2	16.4
14	16.1	11.2	13.6	---	---	---	14.9	11.2	13.0	21.5	11.1	15.8
15	12.6	11.3	12.0	---	---	---	13.6	9.80	12.3	14.1	7.60	10.6
16	13.5	11.3	12.1	---	---	---	21.6	12.7	17.8	11.3	6.80	9.32
17	16.2	12.2	14.3	---	---	---	22.3	15.2	19.5	11.5	8.60	9.94
18	16.4	12.0	14.2	---	---	---	22.9	18.5	20.5	14.7	10.2	12.0
19	15.2	10.8	12.3	---	---	---	22.7	16.8	20.2	13.6	9.90	12.1
20	18.7	14.4	16.7	---	---	---	22.7	15.4	19.8	11.5	8.70	9.99
21	22.6	16.6	19.5	---	---	---	20.5	14.3	18.1	10.4	9.20	9.72
22	20.4	13.5	16.6	15.5	12.2	13.8	20.1	13.3	16.3	10.9	8.80	9.76
23	18.4	12.8	14.5	16.7	13.0	14.6	16.5	12.3	14.7	11.1	7.80	9.49
24	18.7	12.4	14.3	24.6	12.9	17.1	14.4	10.4	12.2	9.80	7.70	8.75
25	24.1	13.4	18.8	17.9	13.7	15.6	14.5	11.1	12.5	9.50	6.80	8.22
26	23.6	14.5	19.2	22.9	12.3	15.6	14.5	9.00	11.7	8.70	6.50	7.83
27	17.0	12.2	14.7	24.8	15.8	21.1	14.2	8.50	10.8	8.90	6.60	7.79
28	16.1	12.6	14.1	32.9	12.1	22.8	12.2	8.50	10.5	9.20	7.10	8.18
29	---	---	---	21.7	14.7	16.7	16.4	11.8	14.0	11.7	6.80	8.88
30	---	---	---	17.8	13.4	15.7	14.0	10.0	11.9	11.5	8.80	10.2
31	---	---	---	19.8	14.4	16.7	---	---	---	---	---	---
Month	24.1	10.8	14.2	---	---	---	22.9	8.50	14.4	---	---	---

02043410 NORTHWEST RIVER ABOVE MOUTH NEAR MOYOCK, 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	11.1	8.20	9.52	---	---	---	---	---	---	---	---	---
2	10.6	8.10	9.50	---	---	---	---	---	---	---	---	---
3	11.7	7.80	9.63	---	---	---	---	---	---	---	---	---
4	11.5	8.20	9.97	---	---	---	---	---	---	---	---	---
5	12.6	8.00	9.83	---	---	---	---	---	---	---	---	---
6	11.4	8.40	10.0	---	---	---	---	---	---	---	---	---
7	11.6	7.20	9.23	---	---	---	---	---	---	---	---	---
8	9.40	6.90	8.28	---	---	---	---	---	---	---	---	---
9	11.0	6.70	8.81	---	---	---	---	---	---	---	---	---
10	14.4	10.1	12.3	---	---	---	---	---	---	---	---	---
11	15.5	8.60	11.8	---	---	---	---	---	---	---	---	---
12	12.1	7.50	9.81	---	---	---	---	---	---	---	---	---
13	13.1	9.10	11.4	---	---	---	---	---	---	---	---	---
14	16.5	10.8	12.8	---	---	---	---	---	---	---	---	---
15	16.3	8.40	11.6	---	---	---	---	---	---	---	---	---
16	11.3	6.90	9.37	---	---	---	---	---	---	---	---	---
17	9.60	6.70	8.30	---	---	---	---	---	---	---	---	---
18	9.10	6.00	7.93	---	---	---	---	---	---	---	---	---
19	8.20	6.20	7.26	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---