

Water-Data Report 2013

0208458892 LAKE MATTAMUSKEET WEST OF NORTH CAROLINA HIGHWAY 94 NEAR FAIRFIELD, NC

Pamlico Basin
Pamlico Sound Subbasin

LOCATION.--Lat 35°30'21", long 76°15'14" referenced to North American Datum of 1983, Hyde County, NC, Hydrologic Unit 03020105, approximately 2.5 mi southwest of Fairfield, NC.

DRAINAGE AREA.--Indeterminate.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--September 2012 to current year.

GAGE.--Water stage recorder. Datum of gage is at -2.0 feet above North American Vertical Datum of 1988.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 2.85 ft, October 29, 2013; minimum elevation, 1.01 ft, September, 17, 2013.

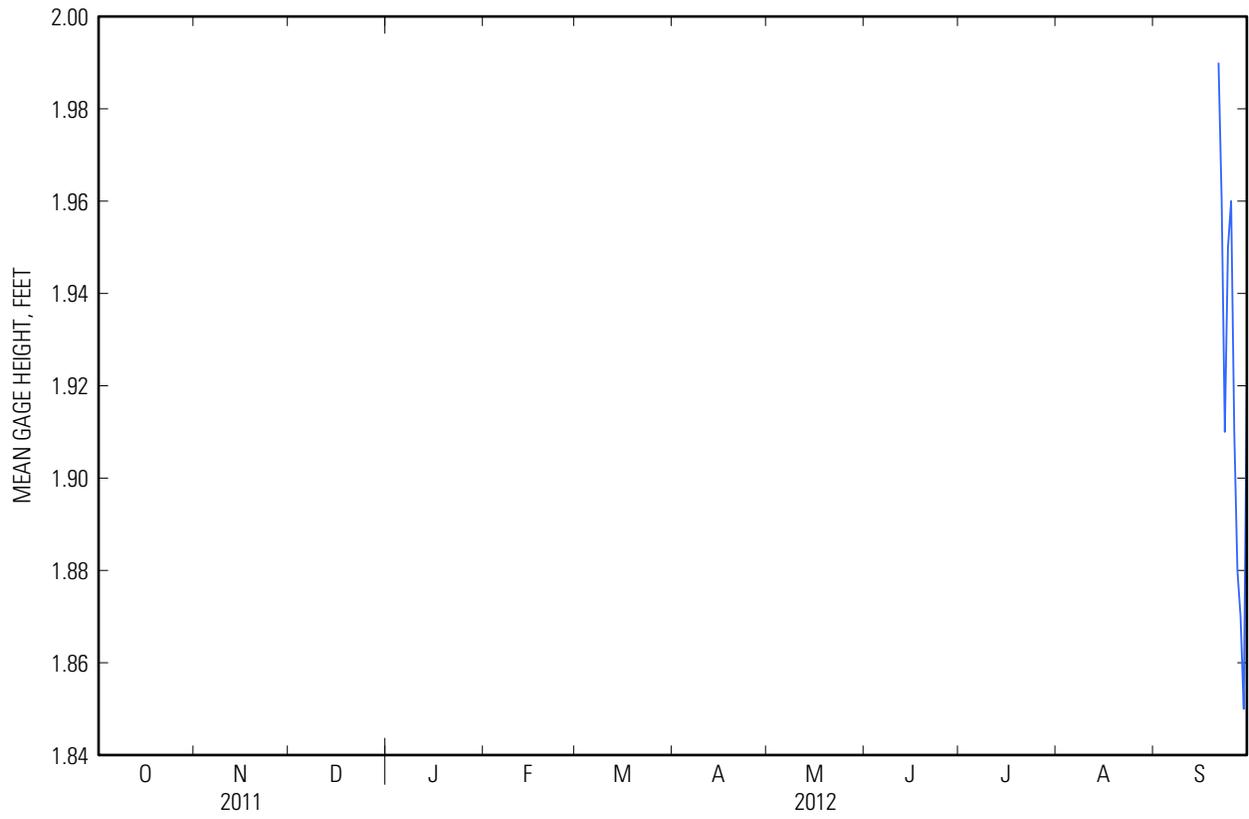
EXTREMES FOR CURRENT YEAR.--Maximum elevation, 2.85 ft, October 29; minimum elevation, 1.01 ft, September 17.

0208458892 LAKE MATTAMUSKEET WEST OF NORTH CAROLINA HIGHWAY 94 NEAR FAIRFIELD, NC—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	---	---	---
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21	---	---	---	---	---	---	---	---	---	---	---	1.99
22	---	---	---	---	---	---	---	---	---	---	---	1.96
23	---	---	---	---	---	---	---	---	---	---	---	1.91
24	---	---	---	---	---	---	---	---	---	---	---	1.95
25	---	---	---	---	---	---	---	---	---	---	---	1.96
26	---	---	---	---	---	---	---	---	---	---	---	1.91
27	---	---	---	---	---	---	---	---	---	---	---	1.88
28	---	---	---	---	---	---	---	---	---	---	---	1.87
29	---	---	---	---	---	---	---	---	---	---	---	1.85
30	---	---	---	---	---	---	---	---	---	---	---	1.92
31	---	---	---	---	---	---	---	---	---	---	---	---
Mean	---	---	---	---	---	---	---	---	---	---	---	---
Max	---	---	---	---	---	---	---	---	---	---	---	---
Min	---	---	---	---	---	---	---	---	---	---	---	---

0208458892 LAKE MATTAMUSKEET WEST OF NORTH CAROLINA HIGHWAY 94 NEAR FAIRFIELD, NC—Continued

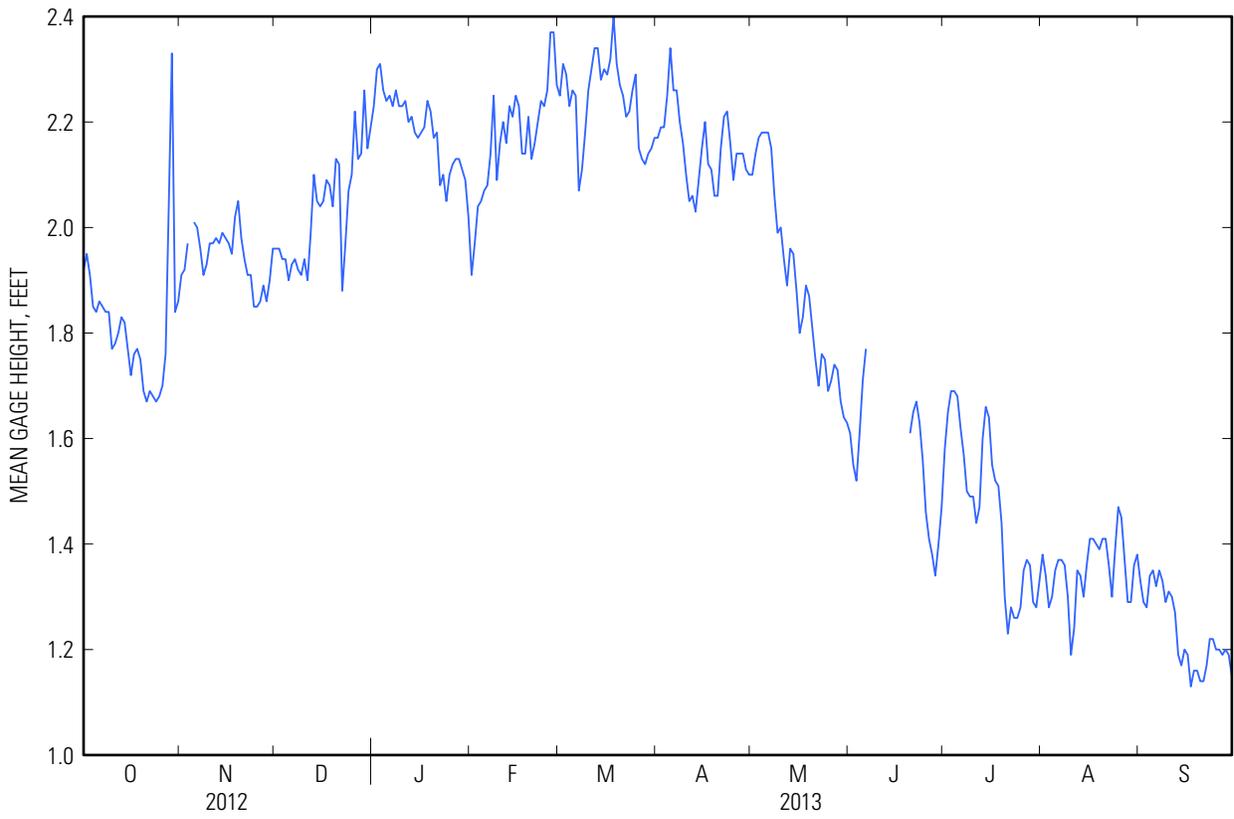


0208458892 LAKE MATTAMUSKEET WEST OF NORTH CAROLINA HIGHWAY 94 NEAR FAIRFIELD, NC—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1.92	1.91	1.96	2.23	1.91	2.25	2.17	2.10	1.61	1.58	1.38	1.33
2	1.95	1.92	1.96	2.30	1.97	2.31	2.19	2.14	1.55	1.65	1.34	1.29
3	1.91	1.97	1.94	2.31	2.04	2.29	2.19	2.17	1.52	1.69	1.28	1.28
4	1.85	---	1.94	2.26	2.05	2.23	2.25	2.18	1.61	1.69	1.30	1.34
5	1.84	2.01	1.90	2.24	2.07	2.26	2.34	2.18	1.71	1.68	1.35	1.35
6	1.86	2.00	1.93	2.25	2.08	2.25	2.26	2.18	1.77	1.62	1.37	1.32
7	1.85	1.96	1.94	2.23	2.14	2.07	2.26	2.15	---	1.57	1.37	1.35
8	1.84	1.91	1.92	2.26	2.25	2.11	2.20	2.06	---	1.50	1.36	1.33
9	1.84	1.93	1.91	2.23	2.09	2.18	2.16	1.99	---	1.49	1.30	1.29
10	1.77	1.97	1.94	2.23	2.16	2.26	2.10	2.00	---	1.49	1.19	1.31
11	1.78	1.97	1.90	2.24	2.20	2.30	2.05	1.94	---	1.44	1.24	1.30
12	1.80	1.98	1.99	2.20	2.16	2.34	2.06	1.89	---	1.47	1.35	1.27
13	1.83	1.97	2.10	2.21	2.23	2.34	2.03	1.96	---	1.60	1.34	1.19
14	1.82	1.99	2.05	2.18	2.21	2.28	2.09	1.95	---	1.66	1.30	1.17
15	1.77	1.98	2.04	2.17	2.25	2.30	2.15	1.88	---	1.64	1.36	1.20
16	1.72	1.97	2.05	2.18	2.23	2.29	2.20	1.80	---	1.55	1.41	1.19
17	1.76	1.95	2.09	2.19	2.14	2.32	2.12	1.83	---	1.52	1.41	1.13
18	1.77	2.02	2.08	2.24	2.14	2.40	2.11	1.89	---	1.51	1.40	1.16
19	1.75	2.05	2.04	2.22	2.21	2.31	2.06	1.87	---	1.44	1.39	1.16
20	1.69	1.98	2.13	2.17	2.13	2.27	2.06	1.81	1.61	1.30	1.41	1.14
21	1.67	1.94	2.12	2.18	2.16	2.25	2.15	1.75	1.65	1.23	1.41	1.14
22	1.69	1.91	1.88	2.08	2.20	2.21	2.21	1.70	1.67	1.28	1.36	1.17
23	1.68	1.91	1.97	2.10	2.24	2.22	2.22	1.76	1.63	1.26	1.30	1.22
24	1.67	1.85	2.07	2.05	2.23	2.26	2.16	1.75	1.56	1.26	1.39	1.22
25	1.68	1.85	2.10	2.10	2.26	2.29	2.09	1.69	1.46	1.28	1.47	1.20
26	1.70	1.86	2.22	2.12	2.37	2.15	2.14	1.71	1.41	1.35	1.45	1.20
27	1.76	1.89	2.13	2.13	2.37	2.13	2.14	1.74	1.38	1.37	1.37	1.19
28	2.04	1.86	2.14	2.13	2.27	2.12	2.14	1.73	1.34	1.36	1.29	1.20
29	2.33	1.90	2.26	2.11	---	2.14	2.11	1.67	1.40	1.29	1.29	1.19
30	1.84	1.96	2.15	2.09	---	2.15	2.10	1.64	1.47	1.28	1.36	1.15
31	1.86	---	2.19	2.02	---	2.17	---	1.63	---	1.33	1.38	---
Mean	1.81	---	2.03	2.18	2.17	2.24	2.15	1.89	---	1.46	1.35	1.23
Max	2.33	---	2.26	2.31	2.37	2.40	2.34	2.18	---	1.69	1.47	1.35
Min	1.67	---	1.88	2.02	1.91	2.07	2.03	1.63	---	1.23	1.19	1.13

0208458892 LAKE MATTAMUSKET WEST OF NORTH CAROLINA HIGHWAY 94 NEAR FAIRFIELD, NC—Continued



0208458892 LAKE MATTAMUSKEET WEST OF NORTH CAROLINA HIGHWAY 94 NEAR FAIRFIELD, NC—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--September 2012 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: September 2012 to current year.

pH: September 2012 to current year.

WATER TEMPERATURE: September 2012 to current year.

DISSOLVED OXYGEN: September 2012 to current year.

INSTRUMENTATION.--Water-quality monitor with satellite telemetry from September 2012 to current year.

REMARKS.--Station operated to define water-quality characteristics in Lake Mattamuskeet.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum recorded, 3,050 microsiemens, September 29, 2013; minimum recorded, 1,680 microsiemens, March 5, 8, 2013.

pH: Maximum recorded, 9.3 standard units, May 27, 28, 2013; minimum recorded, 6.9 standard units, September 4, 2013.

WATER TEMPERATURE: Maximum recorded, 32.7°C, July 18, 2013; minimum recorded, 1.0°C, January 27, 2013.

DISSOLVED OXYGEN: Maximum recorded, 14.2 mg/L, September 5, 2013; minimum recorded, 2.7 mg/L, September 22, 2013.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum recorded, 3,050 microsiemens, September 29; minimum recorded, 1,680 microsiemens, March 5, 8.

pH: Maximum recorded, 9.3 standard units, May 27, 28; minimum recorded, 6.3 standard units, September 4.

WATER TEMPERATURE: Maximum recorded, 32.7°C, July 18; minimum recorded, 1.0°C, January 27.

DISSOLVED OXYGEN: Maximum recorded, 14.2 mg/L, September 5; minimum recorded, 2.7, September 22.

0208458892 LAKE MATTAMUSKEET WEST OF NORTH CAROLINA HIGHWAY 94 NEAR FAIRFIELD, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
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Month	---	---	---	---	---	---	---	---	---	---	---	---

0208458892 LAKE MATTAMUSKEET WEST OF NORTH CAROLINA HIGHWAY 94 NEAR FAIRFIELD, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
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0208458892 LAKE MATTAMUSKEET WEST OF NORTH CAROLINA HIGHWAY 94 NEAR FAIRFIELD, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	---	---	---	---	---	---	---	---	---	---	---	---
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21	---	---	---	---	---	---	---	---	---	2,070	2,010	2,050
22	---	---	---	---	---	---	---	---	---	2,080	2,050	2,060
23	---	---	---	---	---	---	---	---	---	2,090	2,070	2,080
24	---	---	---	---	---	---	---	---	---	2,110	1,990	2,070
25	---	---	---	---	---	---	---	---	---	2,100	1,980	2,040
26	---	---	---	---	---	---	---	---	---	2,120	2,060	2,100
27	---	---	---	---	---	---	---	---	---	2,120	2,060	2,080
28	---	---	---	---	---	---	---	---	---	2,060	2,030	2,050
29	---	---	---	---	---	---	---	---	---	2,100	2,050	2,070
30	---	---	---	---	---	---	---	---	---	2,080	2,030	2,060
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

0208458892 LAKE MATTAMUSKEET WEST OF NORTH CAROLINA HIGHWAY 94 NEAR FAIRFIELD, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	2,080	2,070	2,070	2,070	2,020	2,050	2,160	2,120	2,150	---	---	---
2	2,100	2,030	2,070	2,080	2,000	2,050	2,160	2,110	2,150	---	---	---
3	2,060	1,990	2,020	2,110	2,000	2,060	2,170	2,110	2,160	---	---	---
4	2,100	2,010	2,060	2,030	1,900	1,990	2,170	2,120	2,160	---	---	---
5	2,090	2,020	2,060	2,140	2,010	2,080	2,180	2,110	2,170	---	---	---
6	2,060	2,040	2,050	2,170	2,040	2,130	2,180	2,150	2,160	---	---	---
7	2,110	2,050	2,080	2,160	1,980	2,030	2,180	2,090	2,150	---	---	---
8	2,110	2,070	2,090	2,080	2,000	2,040	2,190	2,140	2,170	---	---	---
9	2,090	2,060	2,080	2,060	1,960	2,030	2,190	2,050	2,170	---	---	---
10	2,160	2,040	2,110	2,080	1,960	2,050	2,190	2,140	2,170	---	---	---
11	2,100	2,000	2,050	2,070	1,920	2,050	2,200	1,960	2,160	---	---	---
12	2,170	2,030	2,090	2,090	1,960	2,070	2,190	2,140	2,170	---	---	---
13	2,180	2,150	2,170	2,090	1,980	2,070	2,240	2,100	2,160	---	---	---
14	2,190	2,070	2,130	2,090	2,060	2,070	2,230	2,120	2,180	---	---	---
15	2,150	2,120	2,140	2,070	2,040	2,050	2,220	2,100	2,190	---	---	---
16	2,190	2,130	2,160	2,150	2,040	2,100	2,200	2,080	2,170	---	---	---
17	2,190	2,160	2,190	2,180	2,090	2,120	2,170	1,900	2,100	---	---	---
18	2,190	2,160	2,180	2,170	2,080	2,100	2,130	1,950	2,090	---	---	---
19	2,180	2,110	2,160	2,170	2,070	2,110	2,190	2,040	2,150	---	---	---
20	2,160	2,130	2,150	2,220	2,070	2,140	2,180	1,980	2,140	---	---	---
21	2,170	2,150	2,160	2,210	2,070	2,110	2,140	1,990	2,090	---	---	---
22	2,170	2,160	2,170	2,110	2,070	2,090	2,130	2,000	2,100	---	---	---
23	2,170	2,140	2,160	2,180	2,070	2,110	2,130	1,740	2,070	---	---	---
24	2,170	2,110	2,160	2,150	2,090	2,110	2,130	1,920	2,090	---	---	---
25	2,190	2,080	2,170	2,150	2,080	2,130	2,100	1,740	2,020	---	---	---
26	2,180	2,150	2,170	2,150	2,050	2,130	2,080	1,930	2,050	---	---	---
27	2,170	2,140	2,160	2,150	2,100	2,140	2,070	1,970	2,040	---	---	---
28	2,230	1,960	2,100	2,150	2,130	2,140	2,100	2,070	2,080	---	---	---
29	2,130	1,790	1,980	2,140	2,080	2,130	2,070	1,980	2,040	---	---	---
30	2,040	1,840	1,940	2,160	2,130	2,140	2,060	1,830	2,000	---	---	---
31	2,050	1,980	2,010	---	---	---	---	---	---	---	---	---
Month	2,230	1,790	2,110	2,220	1,900	2,090	---	---	---	---	---	---

0208458892 LAKE MATTAMUSKEET WEST OF NORTH CAROLINA HIGHWAY 94 NEAR FAIRFIELD, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	1,840	1,700	1,800	---	---	---	1,870	1,840	1,850
2	---	---	---	---	---	---	---	---	---	1,870	1,850	1,860
3	---	---	---	---	---	---	---	---	---	1,890	1,860	1,870
4	---	---	---	1,820	1,700	1,740	---	---	---	1,880	1,860	1,870
5	---	---	---	1,790	1,680	1,740	1,840	1,800	1,810	1,900	1,840	1,860
6	---	---	---	1,810	1,710	1,770	---	---	---	1,900	1,850	1,860
7	2,000	1,940	1,960	1,840	1,690	1,780	---	---	---	1,850	1,820	1,840
8	1,960	1,830	1,910	1,800	1,680	1,740	---	---	---	1,870	1,830	1,850
9	1,920	1,770	1,830	1,800	1,730	1,770	---	---	---	1,880	1,840	1,870
10	1,910	1,800	1,850	1,770	1,690	1,740	---	---	---	1,900	1,870	1,880
11	1,950	1,860	1,900	1,840	1,750	1,800	---	---	---	1,900	1,840	1,880
12	1,930	1,870	1,900	1,800	1,740	1,770	---	---	---	1,910	1,820	1,890
13	1,910	1,860	1,890	1,770	1,720	1,750	---	---	---	1,910	1,890	1,900
14	1,910	1,850	1,880	1,770	1,740	1,760	---	---	---	1,920	1,880	1,910
15	---	---	---	1,770	1,740	1,760	---	---	---	1,950	1,900	1,930
16	---	---	---	1,780	1,760	1,770	---	---	---	1,960	1,920	1,940
17	1,860	1,780	1,820	1,820	1,760	1,780	1,900	1,860	1,880	1,980	1,890	1,950
18	1,860	1,770	1,840	1,840	1,810	1,820	1,910	1,870	1,890	1,980	1,870	1,960
19	---	---	---	---	---	---	1,930	1,890	1,910	1,990	1,900	1,970
20	---	---	---	1,830	1,780	1,810	1,910	1,850	1,870	2,040	1,980	2,010
21	1,890	1,820	1,850	1,820	1,780	1,800	1,880	1,840	1,860	2,020	1,970	2,000
22	---	---	---	1,800	1,760	1,780	1,870	1,820	1,850	2,060	1,950	2,010
23	---	---	---	1,830	1,760	1,790	1,880	1,790	1,840	2,080	1,940	2,040
24	1,850	1,740	1,830	1,840	1,790	1,820	1,880	1,850	1,860	---	---	---
25	1,860	1,810	1,830	1,860	1,780	1,830	1,860	1,850	1,850	---	---	---
26	---	---	---	1,840	1,780	1,800	1,870	1,840	1,860	---	---	---
27	---	---	---	1,880	1,830	1,860	1,870	1,860	1,860	2,080	1,910	2,040
28	---	---	---	1,880	1,780	1,840	1,870	1,850	1,860	2,040	1,830	1,980
29	---	---	---	1,850	1,780	1,820	1,860	1,840	1,850	2,070	1,910	2,000
30	---	---	---	1,840	1,780	1,820	1,860	1,840	1,840	2,090	1,910	2,040
31	---	---	---	1,860	1,800	1,830	---	---	---	2,110	1,940	2,040
Month	---	---	---	---	---	---	---	---	---	---	---	---

0208458892 LAKE MATTAMUSKEET WEST OF NORTH CAROLINA HIGHWAY 94 NEAR FAIRFIELD, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	2,130	2,000	2,080	2,310	2,240	2,270	2,650	2,570	2,610	2,660	2,560	2,640
2	2,120	1,980	2,050	2,250	2,190	2,230	2,630	2,560	2,600	2,650	2,600	2,630
3	2,160	2,060	2,110	2,250	2,180	2,200	2,640	2,590	2,620	2,650	2,600	2,620
4	2,130	2,020	2,100	2,250	2,230	2,240	2,630	2,530	2,580	2,640	2,600	2,620
5	---	---	---	2,270	2,230	2,250	2,580	2,500	2,540	2,650	2,570	2,640
6	2,200	2,140	2,170	---	---	---	2,600	2,570	2,590	2,680	2,600	2,660
7	---	---	---	---	---	---	2,640	2,580	2,620	2,700	2,600	2,670
8	---	---	---	2,310	2,180	2,270	2,640	2,620	2,630	2,700	2,630	2,690
9	---	---	---	2,320	2,130	2,240	2,630	2,560	2,600	2,730	2,670	2,710
10	---	---	---	2,340	2,110	2,290	2,630	2,570	2,600	2,740	2,640	2,720
11	---	---	---	2,400	2,260	2,360	2,590	2,520	2,570	2,760	2,720	2,750
12	---	---	---	2,400	2,310	2,360	2,610	2,500	2,540	2,780	2,720	2,760
13	---	---	---	---	---	---	2,560	2,480	2,540	2,780	2,710	2,760
14	---	---	---	2,400	2,190	2,350	2,590	2,440	2,540	2,760	2,720	2,740
15	---	---	---	2,360	2,190	2,320	2,590	2,570	2,580	2,820	2,730	2,780
16	---	---	---	2,410	2,000	2,310	2,590	2,580	2,580	2,810	2,770	2,800
17	---	---	---	2,380	2,200	2,350	2,590	2,550	2,580	2,860	2,780	2,820
18	---	---	---	2,400	2,270	2,370	2,610	2,500	2,580	2,900	2,800	2,860
19	---	---	---	2,410	2,360	2,390	2,620	2,470	2,570	2,960	2,800	2,910
20	2,240	2,210	2,230	2,420	2,390	2,400	2,580	2,520	2,560	2,930	2,780	2,890
21	2,260	2,240	2,250	2,440	2,400	2,410	2,590	2,470	2,570	2,910	2,780	2,870
22	2,260	2,180	2,230	2,500	2,420	2,450	2,600	2,540	2,590	2,880	2,680	2,800
23	2,240	2,190	2,230	2,500	2,440	2,470	2,720	2,560	2,630	2,840	2,650	2,780
24	2,260	2,200	2,240	2,550	2,450	2,500	2,670	2,550	2,590	2,940	2,640	2,810
25	2,230	2,170	2,220	2,530	2,470	2,500	2,810	2,590	2,680	2,830	2,710	2,810
26	2,280	2,180	2,240	2,530	2,410	2,480	2,670	2,560	2,600	2,930	2,670	2,840
27	2,300	2,240	2,270	2,550	2,450	2,530	2,650	2,610	2,630	2,960	2,820	2,890
28	2,330	2,260	2,300	2,590	2,530	2,550	2,650	2,600	2,630	3,050	2,680	2,870
29	2,300	2,250	2,270	2,590	2,540	2,570	2,640	2,560	2,610	3,050	2,760	2,900
30	2,330	2,260	2,290	2,620	2,550	2,580	2,800	2,560	2,640	---	---	---
31	---	---	---	2,650	2,570	2,620	2,650	2,590	2,620	---	---	---
Month	---	---	---	---	---	---	2,810	2,440	2,590	---	---	---

0208458892 LAKE MATTAMUSKEET WEST OF NORTH CAROLINA HIGHWAY 94 NEAR FAIRFIELD, NC—Continued

pH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

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

0208458892 LAKE MATTAMUSKEET WEST OF NORTH CAROLINA HIGHWAY 94 NEAR FAIRFIELD, NC—Continued

pH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	February			March			April			May		
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	---	---	---	---	---	---	---	---	---	---	---	---

0208458892 LAKE MATTAMUSKEET WEST OF NORTH CAROLINA HIGHWAY 94 NEAR FAIRFIELD, NC—Continued

pH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	June			July			August			September		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	9.1	8.1	8.6
22	---	---	---	---	---	---	---	---	---	9.1	8.7	9.0
23	---	---	---	---	---	---	---	---	---	9.2	8.8	9.0
24	---	---	---	---	---	---	---	---	---	8.9	8.6	8.8
25	---	---	---	---	---	---	---	---	---	9.2	8.6	8.9
26	---	---	---	---	---	---	---	---	---	9.3	9.0	9.1
27	---	---	---	---	---	---	---	---	---	9.2	8.9	9.1
28	---	---	---	---	---	---	---	---	---	9.1	8.9	9.0
29	---	---	---	---	---	---	---	---	---	9.0	8.8	8.9
30	---	---	---	---	---	---	---	---	---	9.1	8.4	8.8
31	---	---	---	---	---	---	---	---	---	---	---	---
Max	---	---	---	---	---	---	---	---	---	---	---	---
Min	---	---	---	---	---	---	---	---	---	---	---	---

0208458892 LAKE MATTAMUSKEET WEST OF NORTH CAROLINA HIGHWAY 94 NEAR FAIRFIELD, NC—Continued

pH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

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

0208458892 LAKE MATTAMUSKEET WEST OF NORTH CAROLINA HIGHWAY 94 NEAR FAIRFIELD, NC—Continued

pH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	February			March			April			May		
1	7.8	7.7	7.7	7.8	7.6	7.8	8.2	7.3	7.6	8.5	7.8	8.2
2	7.9	7.5	7.7	8.2	7.6	7.8	8.5	7.5	8.0	8.0	7.7	7.8
3	7.9	7.6	7.8	7.9	7.6	7.9	8.3	7.7	8.0	7.9	7.7	7.8
4	8.0	7.7	7.8	7.9	7.7	7.8	8.0	7.7	7.8	7.9	7.7	7.8
5	8.0	7.5	7.8	8.0	7.5	7.8	8.0	7.6	7.7	8.0	7.7	7.8
6	7.9	7.5	7.7	7.8	7.6	7.7	7.9	7.4	7.8	8.1	7.6	7.8
7	7.7	7.6	7.7	7.6	7.6	7.6	8.6	7.4	7.8	8.3	7.3	7.9
8	7.7	7.5	7.6	7.6	7.6	7.6	8.5	7.7	8.1	8.6	7.2	8.0
9	7.6	7.6	7.6	7.7	7.6	7.6	8.4	7.7	8.0	8.8	7.4	8.1
10	7.8	7.5	7.7	8.0	7.5	7.6	8.3	7.6	7.8	8.9	7.5	8.2
11	7.7	7.6	7.6	8.0	7.6	7.8	8.0	7.5	7.7	8.2	7.7	7.9
12	7.9	7.4	7.6	7.8	7.5	7.7	7.7	7.5	7.6	8.3	7.5	7.7
13	7.8	7.5	7.7	7.9	7.5	7.7	8.2	7.4	7.6	8.2	7.7	7.9
14	7.9	7.6	7.7	7.8	7.7	7.7	8.8	7.3	7.8	8.5	7.4	7.9
15	8.3	7.4	7.8	8.0	7.7	7.8	8.4	7.9	8.1	8.3	7.8	8.0
16	8.6	7.5	8.0	8.0	7.7	7.8	8.5	7.4	8.1	8.8	7.6	7.9
17	7.8	7.6	7.7	8.0	7.7	7.8	8.9	7.8	8.4	8.5	7.5	8.2
18	7.8	7.5	7.7	7.9	7.6	7.7	8.4	7.9	8.2	8.8	7.6	8.0
19	7.8	7.6	7.7	7.9	7.6	7.8	8.1	7.6	7.8	8.4	7.7	8.1
20	7.7	7.6	7.6	8.2	7.6	7.8	8.0	7.6	7.7	8.1	7.6	7.9
21	7.9	7.6	7.7	8.0	7.7	7.8	7.8	7.7	7.8	8.2	7.6	7.8
22	7.8	7.7	7.7	8.0	7.7	7.8	7.7	7.7	7.7	8.0	7.6	7.8
23	7.8	7.6	7.7	8.5	7.4	7.8	7.8	7.7	7.7	8.0	7.5	7.7
24	8.0	7.6	7.7	8.1	7.6	7.9	8.1	7.5	7.8	8.4	7.4	7.9
25	7.8	7.6	7.7	7.8	7.7	7.7	7.8	7.6	7.7	8.1	7.5	7.8
26	7.7	7.6	7.7	7.9	7.7	7.8	8.2	7.6	7.9	8.9	7.3	7.9
27	7.8	7.5	7.7	7.8	7.8	7.8	8.2	7.5	7.9	9.3	7.4	9.0
28	7.7	7.6	7.7	7.9	7.7	7.8	8.2	7.6	7.9	9.3	8.8	9.0
29	---	---	---	8.0	7.7	7.8	8.1	7.6	7.8	8.9	8.0	8.5
30	---	---	---	8.5	7.8	7.9	8.6	7.3	7.8	9.0	7.5	8.4
31	---	---	---	8.2	7.7	7.9	---	---	---	9.0	7.3	8.4
Max	8.6	7.7	8.0	8.5	7.8	7.9	8.9	7.9	8.4	9.3	8.8	9.0
Min	7.6	7.4	7.6	7.6	7.4	7.6	7.7	7.3	7.6	7.9	7.2	7.7

0208458892 LAKE MATTAMUSKEET WEST OF NORTH CAROLINA HIGHWAY 94 NEAR FAIRFIELD, NC—Continued

pH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	June			July			August			September		
1	8.9	7.8	8.3	8.0	7.5	7.8	8.7	8.1	8.3	8.5	7.7	8.2
2	8.2	7.7	7.9	8.3	7.5	7.9	8.8	8.0	8.3	8.2	7.6	8.0
3	8.0	7.6	7.8	8.3	7.5	8.0	8.4	7.8	8.2	8.3	7.0	7.7
4	8.5	7.4	8.0	8.8	7.6	8.6	8.5	7.6	8.2	8.6	6.9	7.6
5	8.6	7.7	8.1	8.9	8.0	8.7	9.0	8.3	8.6	8.8	7.1	8.2
6	8.4	7.7	8.1	9.1	8.2	8.8	8.7	8.2	8.6	8.6	8.1	8.4
7	---	---	---	9.2	8.4	8.8	8.8	8.2	8.6	8.6	7.6	8.1
8	---	---	---	9.0	8.2	8.7	8.6	8.1	8.4	8.7	7.7	8.4
9	---	---	---	8.9	8.1	8.5	8.5	7.8	8.2	8.7	7.8	8.4
10	---	---	---	8.9	7.9	8.4	8.3	7.6	7.8	9.0	7.5	8.3
11	---	---	---	8.4	7.4	7.9	8.6	7.1	7.8	9.0	8.2	8.7
12	---	---	---	8.5	7.5	8.2	8.7	7.6	8.2	8.9	8.4	8.6
13	---	---	---	8.2	7.4	7.9	8.5	8.0	8.2	8.9	7.6	8.5
14	---	---	---	8.7	7.1	7.8	8.1	7.3	7.9	8.8	8.0	8.4
15	---	---	---	9.1	8.0	8.6	8.4	7.1	7.8	9.0	7.7	8.3
16	---	---	---	9.2	8.3	8.8	8.3	7.5	7.9	9.1	8.2	8.8
17	---	---	---	9.2	8.6	8.8	8.3	7.4	7.9	8.7	7.9	8.4
18	---	---	---	9.2	8.6	8.9	8.5	7.6	8.2	8.5	7.6	8.0
19	---	---	---	8.9	8.4	8.8	8.4	8.0	8.2	9.0	8.0	8.3
20	8.6	7.6	8.0	8.4	7.4	7.9	8.5	7.7	8.2	9.0	8.3	8.7
21	8.8	8.0	8.3	8.3	7.2	7.7	8.6	7.8	8.2	8.9	8.0	8.6
22	8.9	8.0	8.6	8.6	7.1	7.8	8.6	7.9	8.3	8.6	7.5	8.2
23	9.0	8.1	8.6	8.5	7.6	8.1	8.8	8.2	8.5	8.2	7.7	8.0
24	8.8	8.1	8.5	8.7	7.3	8.2	8.3	7.7	8.1	8.9	7.8	8.2
25	8.8	8.3	8.5	8.5	7.6	8.2	8.1	7.3	7.8	8.9	7.8	8.7
26	8.5	7.8	8.2	9.0	7.6	8.4	8.7	7.5	8.0	9.0	8.5	8.8
27	8.0	7.6	7.8	9.0	8.3	8.7	8.7	8.2	8.5	8.9	8.0	8.6
28	8.4	7.5	7.8	9.0	8.4	8.8	8.5	7.9	8.2	8.1	7.7	7.9
29	7.9	7.5	7.7	8.7	8.2	8.5	8.3	7.7	8.1	8.2	7.6	7.8
30	8.1	7.4	7.6	8.9	8.1	8.5	8.5	7.5	8.2	8.5	7.6	8.0
31	---	---	---	8.9	8.4	8.7	8.6	7.6	8.3	---	---	---
Max	---	---	---	9.2	8.6	8.9	9.0	8.3	8.6	9.1	8.5	8.8
Min	---	---	---	8.0	7.1	7.7	8.1	7.1	7.8	8.1	6.9	7.6

0208458892 LAKE MATTAMUSKEET WEST OF NORTH CAROLINA HIGHWAY 94 NEAR FAIRFIELD, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

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

0208458892 LAKE MATTAMUSKEET WEST OF NORTH CAROLINA HIGHWAY 94 NEAR FAIRFIELD, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
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	---	---	---	---	---	---	---	---	---	---	---	---

0208458892 LAKE MATTAMUSKEET WEST OF NORTH CAROLINA HIGHWAY 94 NEAR FAIRFIELD, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	24.4	21.6	22.8
22	---	---	---	---	---	---	---	---	---	24.1	22.6	23.3
23	---	---	---	---	---	---	---	---	---	24.0	22.8	23.4
24	---	---	---	---	---	---	---	---	---	22.8	21.1	21.8
25	---	---	---	---	---	---	---	---	---	23.8	20.4	21.6
26	---	---	---	---	---	---	---	---	---	25.2	21.5	22.6
27	---	---	---	---	---	---	---	---	---	25.5	22.8	23.6
28	---	---	---	---	---	---	---	---	---	26.0	23.3	24.4
29	---	---	---	---	---	---	---	---	---	24.9	23.4	24.3
30	---	---	---	---	---	---	---	---	---	24.6	22.3	23.2
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

0208458892 LAKE MATTAMUSKEET WEST OF NORTH CAROLINA HIGHWAY 94 NEAR FAIRFIELD, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	23.5	22.8	23.0	11.9	10.3	11.0	11.3	8.8	9.6	6.6	6.1	6.3
2	23.8	22.9	23.3	11.6	10.3	11.0	11.2	9.5	10.1	6.8	6.5	6.7
3	25.9	23.5	24.6	11.8	10.2	11.0	12.3	10.1	11.2	6.5	5.8	6.2
4	26.8	24.8	25.8	11.2	10.8	11.0	13.8	11.6	12.4	6.3	5.2	5.8
5	26.9	24.5	25.1	11.6	10.3	10.9	14.0	12.7	13.3	6.7	5.1	5.8
6	25.6	24.0	24.8	10.7	9.7	10.1	13.4	11.6	12.5	6.5	5.9	6.2
7	25.4	23.4	24.4	9.7	8.7	9.4	12.6	11.3	11.9	7.1	6.0	6.5
8	23.4	20.6	21.6	9.2	8.0	8.6	14.2	12.5	13.3	6.7	6.0	6.4
9	20.6	19.2	19.8	9.3	7.5	8.5	14.8	13.3	14.0	8.4	6.4	6.8
10	19.4	18.5	19.0	11.4	8.8	9.7	16.0	14.5	15.2	9.0	7.4	8.3
11	19.5	17.5	18.5	12.5	9.9	10.7	16.7	15.5	16.0	9.6	7.9	8.7
12	19.7	17.7	18.6	13.8	11.7	12.7	15.5	12.2	13.8	10.9	9.6	9.9
13	18.9	17.2	18.1	13.7	12.1	13.3	12.2	10.3	11.3	11.8	10.2	10.7
14	20.3	17.3	18.6	12.1	10.8	11.3	10.6	9.3	9.9	13.9	11.5	12.6
15	21.2	18.9	19.9	10.8	10.1	10.5	10.3	9.5	9.9	13.5	12.9	13.2
16	20.7	18.9	19.6	11.5	10.3	10.8	10.8	10.0	10.5	14.4	12.8	13.5
17	19.5	18.2	18.7	10.8	9.8	10.4	12.3	10.8	11.4	13.9	11.8	13.2
18	20.4	17.9	18.8	12.1	10.7	11.4	12.9	11.9	12.3	11.8	9.2	10.3
19	21.1	19.5	20.2	12.6	12.1	12.3	12.1	11.0	11.6	9.9	8.1	8.6
20	20.8	19.3	20.1	12.3	11.7	12.0	12.3	10.9	11.5	10.2	8.5	9.3
21	19.8	18.3	19.1	12.0	11.1	11.6	12.9	9.3	11.6	10.5	9.1	9.8
22	19.4	17.7	18.6	11.1	10.4	10.8	9.3	6.7	7.4	9.9	7.1	8.5
23	20.6	17.9	18.8	12.3	10.6	11.2	7.1	6.0	6.7	7.1	5.4	5.9
24	21.0	18.4	19.6	11.3	9.7	10.8	7.5	6.5	7.0	5.4	2.9	4.4
25	22.7	19.6	20.7	9.7	8.3	8.9	8.7	7.2	7.8	2.9	1.6	2.0
26	21.1	20.4	20.7	10.1	7.9	8.6	10.3	8.4	9.2	1.8	1.4	1.6
27	20.4	19.0	19.8	9.6	8.6	9.1	10.2	8.6	9.3	2.6	1.0	1.7
28	19.0	16.4	17.7	9.8	9.0	9.3	8.6	7.6	7.9	2.8	1.6	2.1
29	16.4	12.5	14.5	9.7	8.3	8.8	8.3	7.7	8.0	6.0	2.8	4.5
30	12.5	10.8	11.5	10.2	8.4	9.0	7.8	6.2	7.0	11.1	5.9	8.1
31	11.5	10.2	10.9	---	---	---	6.2	5.4	5.9	12.2	10.2	11.6
Month	26.9	10.2	19.8	13.8	7.5	10.5	16.7	5.4	10.6	14.4	1.0	7.6

0208458892 LAKE MATTAMUSKEET WEST OF NORTH CAROLINA HIGHWAY 94 NEAR FAIRFIELD, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	10.3	7.1	8.8	10.2	8.9	9.7	15.1	13.8	14.3	21.5	19.8	20.7
2	7.4	5.6	6.4	11.2	9.1	9.8	15.8	13.4	14.6	21.6	19.8	20.6
3	6.9	6.1	6.4	9.7	8.5	9.1	15.0	13.6	14.3	20.1	18.2	19.3
4	7.2	5.4	6.1	8.6	7.2	8.0	13.7	11.8	12.6	18.2	16.7	17.4
5	7.9	5.9	6.8	8.6	7.1	7.8	12.6	11.7	12.1	17.5	16.0	16.8
6	10.0	7.2	8.2	8.6	6.9	8.1	13.7	11.6	12.6	18.4	16.8	17.7
7	9.8	8.2	9.1	8.2	6.2	7.2	15.6	12.1	13.6	20.4	17.8	19.0
8	10.5	9.7	10.2	8.0	6.5	7.3	17.1	14.2	15.4	21.5	18.8	20.1
9	10.1	8.4	9.1	9.1	6.6	7.8	20.3	16.4	18.1	23.5	20.0	21.6
10	9.3	7.5	8.3	11.0	8.0	9.2	21.8	18.9	20.3	24.8	21.8	23.2
11	10.6	8.6	9.6	12.3	9.8	11.0	22.6	20.0	21.2	24.8	23.1	23.9
12	12.2	10.6	11.3	14.3	11.9	13.2	22.6	21.1	21.8	24.9	23.0	23.7
13	11.8	11.3	11.5	14.2	12.5	13.3	22.1	20.4	21.2	23.4	20.5	21.6
14	11.4	10.4	10.9	12.8	10.6	11.5	22.1	19.1	20.3	21.0	18.9	20.0
15	12.1	10.2	11.0	11.6	9.9	10.8	21.2	19.2	20.2	22.0	19.0	20.5
16	11.3	9.8	10.8	12.5	10.6	11.4	21.7	19.7	20.7	24.1	20.7	22.4
17	9.8	6.1	7.8	13.3	11.9	12.4	24.4	20.7	22.0	25.3	22.4	23.8
18	6.8	4.9	5.8	12.5	11.2	11.7	23.6	21.6	22.6	25.8	23.6	24.4
19	7.7	5.8	6.7	14.0	11.9	12.8	23.4	21.9	22.6	26.2	24.1	25.0
20	8.4	7.0	7.7	13.7	12.1	12.7	22.7	19.6	21.2	26.4	24.2	25.1
21	8.8	6.9	7.9	12.5	10.4	11.8	19.6	16.5	18.2	26.1	24.2	25.1
22	7.9	7.3	7.6	10.8	8.5	9.8	16.5	13.9	14.9	26.8	24.1	25.4
23	8.6	7.7	8.3	10.7	9.4	9.8	13.9	13.0	13.5	25.8	24.5	24.9
24	10.3	8.4	9.0	9.9	8.9	9.5	16.7	13.1	14.8	25.2	23.1	24.3
25	9.5	8.2	8.8	8.9	8.3	8.6	17.4	16.4	16.9	23.1	19.6	20.9
26	9.6	7.9	8.4	8.6	7.3	8.1	18.0	15.2	16.6	23.8	19.4	20.6
27	11.4	9.5	10.3	9.2	7.2	8.3	19.1	16.4	17.7	24.8	20.4	22.2
28	11.2	10.1	10.6	9.4	7.6	8.6	19.5	17.0	18.3	25.4	21.7	23.6
29	---	---	---	10.7	8.2	9.4	19.6	18.5	18.9	26.6	23.8	25.1
30	---	---	---	13.8	9.6	11.0	21.5	18.7	19.9	27.7	24.5	26.1
31	---	---	---	14.0	11.8	12.8	---	---	---	29.1	25.7	27.4
Month	12.2	4.9	8.7	14.3	6.2	10.1	24.4	11.6	17.7	29.1	16.0	22.3

0208458892 LAKE MATTAMUSKEET WEST OF NORTH CAROLINA HIGHWAY 94 NEAR FAIRFIELD, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	29.0	26.5	27.7	26.1	25.6	25.9	27.6	26.4	26.9	29.2	27.1	28.0
2	28.0	26.0	27.1	28.0	25.1	26.5	28.2	25.9	27.0	27.8	26.6	27.3
3	26.7	24.8	25.7	29.6	26.9	28.1	29.1	26.8	27.9	28.4	26.4	27.2
4	26.4	24.3	25.2	30.2	27.6	28.8	28.4	27.2	27.9	29.2	25.9	27.3
5	26.0	23.7	24.9	30.7	28.0	29.3	30.1	26.0	27.5	30.4	27.2	28.1
6	25.2	23.9	24.6	31.1	28.6	29.8	27.5	26.2	27.0	28.4	25.9	27.5
7	---	---	---	31.0	28.6	29.7	29.6	26.0	27.6	26.8	24.3	25.4
8	---	---	---	30.2	28.0	29.1	29.4	27.1	28.1	27.5	24.0	25.7
9	---	---	---	29.1	27.4	28.3	30.0	27.8	28.9	28.4	25.9	27.1
10	---	---	---	29.7	27.4	28.4	30.6	27.6	29.0	29.8	26.6	27.9
11	---	---	---	29.6	27.1	28.4	32.6	28.1	29.2	29.9	27.2	28.2
12	---	---	---	28.7	27.2	27.8	31.3	28.0	29.5	29.4	27.1	28.4
13	---	---	---	28.7	26.3	27.5	30.2	28.9	29.6	28.4	26.5	27.4
14	---	---	---	30.0	27.2	28.5	29.3	25.7	27.6	26.8	24.0	25.3
15	---	---	---	31.6	28.2	29.5	25.7	24.1	24.6	25.7	22.6	23.9
16	---	---	---	32.1	28.6	30.1	24.1	22.5	23.2	26.4	24.0	25.0
17	---	---	---	31.8	29.4	30.5	24.6	22.3	23.3	24.9	21.9	23.3
18	---	---	---	32.7	29.7	30.9	27.4	24.0	25.6	22.9	20.1	21.5
19	---	---	---	31.6	29.4	30.5	26.9	25.8	26.2	24.6	20.3	21.6
20	26.1	23.4	24.8	30.2	28.2	29.2	28.1	25.3	26.3	25.0	21.4	22.9
21	27.0	23.8	25.4	29.6	27.0	28.3	29.3	26.1	27.4	24.6	22.6	23.7
22	26.8	25.5	26.1	29.8	27.7	28.7	28.9	27.1	28.1	24.0	22.4	23.4
23	28.4	25.6	26.9	29.7	27.6	28.5	29.8	26.8	27.9	22.4	20.7	21.7
24	28.1	26.5	27.2	31.2	27.8	29.2	27.6	25.6	26.7	23.9	19.4	21.0
25	29.1	26.4	27.7	29.5	27.6	28.5	25.6	23.9	24.9	22.6	20.6	21.5
26	29.6	26.8	28.1	30.4	26.3	27.7	26.1	23.1	24.0	22.9	20.7	21.6
27	29.4	27.1	28.0	30.8	26.6	28.0	26.7	24.1	25.3	21.9	20.5	21.2
28	29.4	26.7	27.9	30.0	27.1	28.3	26.2	24.5	25.4	21.8	19.4	20.6
29	28.2	27.0	27.5	28.7	27.4	28.0	27.0	25.5	26.2	21.7	19.9	20.7
30	27.0	26.0	26.3	28.9	26.6	27.6	27.9	24.8	26.4	21.8	19.8	20.7
31	---	---	---	28.8	26.4	27.5	29.1	26.2	27.6	---	---	---
Month	---	---	---	32.7	25.1	28.6	32.6	22.3	26.9	30.4	19.4	24.5

0208458892 LAKE MATTAMUSKEET WEST OF NORTH CAROLINA HIGHWAY 94 NEAR FAIRFIELD, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

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

0208458892 LAKE MATTAMUSKEET WEST OF NORTH CAROLINA HIGHWAY 94 NEAR FAIRFIELD, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
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	---	---	---	---	---	---	---	---	---	---	---	---

0208458892 LAKE MATTAMUSKEET WEST OF NORTH CAROLINA HIGHWAY 94 NEAR FAIRFIELD, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	12.2	8.3	10
22	---	---	---	---	---	---	---	---	---	11.5	9.9	10.6
23	---	---	---	---	---	---	---	---	---	11.0	8.9	9.8
24	---	---	---	---	---	---	---	---	---	10.2	8.3	9.2
25	---	---	---	---	---	---	---	---	---	11.5	8.6	9.9
26	---	---	---	---	---	---	---	---	---	11.8	9.4	10.5
27	---	---	---	---	---	---	---	---	---	11.6	9.8	10.5
28	---	---	---	---	---	---	---	---	---	11.1	9.2	10.1
29	---	---	---	---	---	---	---	---	---	9.8	8.3	9.0
30	---	---	---	---	---	---	---	---	---	11.1	7.4	9.1
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

0208458892 LAKE MATTAMUSKEET WEST OF NORTH CAROLINA HIGHWAY 94 NEAR FAIRFIELD, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	10.0	8.7	9.2	10.5	10.1	10.3	12.3	11.1	11.7	12.0	11.4	11.7
2	8.7	7.7	8.2	10.6	9.8	10.3	12.6	11.6	12.0	11.9	11.3	11.6
3	11.5	7.0	9.2	10.8	9.4	10.2	12.4	11.5	11.9	11.9	11.5	11.7
4	11.8	8.7	10.1	10.5	9.5	10.1	12.6	11.5	12.0	12.2	11.4	11.8
5	12.0	8.2	9.8	10.6	10.1	10.4	11.7	10.8	11.3	12.3	11.5	12.0
6	11.1	9.1	10.1	10.7	10.3	10.5	11.0	10.5	10.7	12.2	11.5	12.0
7	11.3	8.5	9.7	10.8	10.5	10.7	11.1	10.2	10.7	12.2	11.4	12.0
8	8.5	7.4	8.0	11.1	10.8	10.9	11.7	10.2	10.9	12.1	11.4	11.9
9	8.7	7.3	8.0	11.3	10.7	11.0	11.9	10.4	11.2	12.4	10.6	11.6
10	9.7	7.8	8.6	11.5	10.1	10.9	11.1	9.9	10.6	12.3	11.0	11.9
11	10.3	8.5	9.3	11.7	10.2	11.0	10.4	9.3	9.9	12.1	11.3	11.8
12	11.0	8.6	9.7	11.8	10.2	11.3	10.0	9.4	9.7	12.5	11.1	11.7
13	10.8	8.8	9.6	11.4	10.1	10.8	10.6	10.0	10.4	12.9	11.2	11.9
14	10.8	8.3	9.7	10.6	10.2	10.4	11.4	10.5	10.9	12.8	11.0	12.0
15	11.3	9.0	10.1	10.8	10.3	10.6	11.7	10.7	11.2	11.9	9.8	11.1
16	10.0	8.6	9.1	10.9	10.6	10.7	11.5	10.9	11.3	11.7	9.2	10.7
17	10.4	8.1	9.2	10.9	10.6	10.8	11.8	10.8	11.2	10.7	9.8	10.3
18	10.9	8.6	9.6	10.8	10.4	10.6	11.1	10.4	10.8	10.8	10.2	10.5
19	10.8	8.4	9.7	10.5	10.2	10.3	10.9	10.3	10.6	11.6	10.2	10.8
20	10.1	9.0	9.5	10.4	10.1	10.3	11.1	10.3	10.7	11.6	10.6	11.1
21	9.7	8.5	9.1	10.4	10.0	10.3	10.5	9.6	10.0	11.9	10.5	11.3
22	10.0	8.3	9.1	10.6	10.3	10.5	11.5	10.5	11.2	11.6	11.1	11.3
23	10.5	8.2	9.3	11.2	10.1	10.6	11.7	11.2	11.4	11.9	11.2	11.5
24	10.5	8.7	9.6	10.9	10.4	10.7	12.0	11.2	11.6	12.5	11.7	12.1
25	10.7	8.3	9.5	11.3	10.6	11.0	12.2	11.1	11.7	12.9	12.2	12.7
26	9.8	8.3	9.0	11.8	11.1	11.3	11.8	10.6	11.2	13.2	12.6	13.0
27	8.3	7.7	8.0	11.8	10.9	11.5	10.9	10.6	10.8	13.4	12.9	13.2
28	8.9	8.0	8.4	11.6	10.9	11.3	11.1	10.2	10.8	13.3	12.6	13.1
29	9.9	8.8	9.3	11.6	10.7	11.1	11.2	10.9	11.1	13.2	12.5	12.9
30	10.3	9.7	10.1	12.0	10.8	11.4	11.7	11.1	11.4	12.8	10.7	12.0
31	10.4	10.1	10.2	---	---	---	12.0	11.6	11.8	10.7	9.9	10.2
Month	12.0	7.0	9.3	12.0	9.4	10.7	12.6	9.3	11.1	13.4	9.2	11.7

0208458892 LAKE MATTAMUSKEET WEST OF NORTH CAROLINA HIGHWAY 94 NEAR FAIRFIELD, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	11.0	10.2	10.7	11.1	10.6	10.8	11.3	9.8	10.5	9.6	7.9	8.9
2	11.6	10.3	11.1	11.6	10.6	11.0	11.6	10.3	10.9	8.4	7.4	7.9
3	11.7	11.0	11.4	11.4	10.8	11.1	11.2	10.4	10.8	8.4	7.4	7.9
4	12.2	11.2	11.7	11.5	11.1	11.3	10.9	10.3	10.6	8.7	7.7	8.2
5	12.1	10.6	11.6	11.8	11.0	11.5	11.2	10.4	10.7	8.8	7.8	8.3
6	12.0	10.5	11.3	11.4	10.9	11.2	11.2	10.5	10.9	9.5	7.7	8.8
7	11.5	11.0	11.2	11.6	11.2	11.4	12.2	9.5	11.0	9.7	6.6	8.5
8	11.0	10.4	10.6	11.6	11.3	11.4	11.8	10.6	11.1	10.1	7.1	8.6
9	11.0	10.4	10.8	11.5	11.1	11.3	11.0	9.3	10.3	9.8	6.6	8.3
10	11.4	10.7	11.1	11.9	10.8	11.3	10.2	8.8	9.3	9.9	6.4	8.2
11	11.2	10.6	10.9	11.6	10.9	11.3	9.3	8.1	8.7	8.0	6.8	7.4
12	11.1	10.4	10.7	11.2	9.4	10.2	8.6	8.0	8.2	8.1	6.0	7.0
13	10.8	10.3	10.5	---	---	---	9.8	7.8	8.8	8.2	7.1	7.6
14	11.1	10.1	10.5	10.9	10.3	10.6	---	---	---	9.2	7.2	8.1
15	11.6	10.1	10.9	11.3	10.5	10.9	9.8	8.9	9.3	8.9	7.2	8.3
16	12.0	10.8	11.3	11.3	10.5	10.8	---	---	---	8.5	6.7	7.6
17	11.4	10.7	11.0	10.9	10.3	10.6	11.2	8.3	9.5	9.2	5.2	7.8
18	12.1	11.3	11.7	11.0	10.2	10.4	9.5	8.5	9.0	9.3	5.7	7.6
19	12.1	11.5	11.8	10.8	10.2	10.5	8.6	7.7	8.1	8.6	6.6	7.6
20	11.6	11.3	11.5	11.4	10.1	10.5	8.9	7.7	8.2	7.7	6.5	7.0
21	11.9	11.2	11.5	10.8	10.0	10.5	9.3	8.3	8.8	8.5	6.4	7.5
22	11.7	11.3	11.5	11.5	10.5	11.0	9.9	9.1	9.5	8.4	6.7	7.6
23	11.5	11.2	11.3	12.5	10.9	11.4	10.2	9.8	10	7.9	6.7	7.3
24	11.9	11.1	11.4	11.7	10.9	11.3	10.6	8.9	9.9	8.8	5.5	7.6
25	11.6	11.2	11.4	11.2	10.9	11.0	9.7	9.0	9.4	---	---	---
26	11.4	10.9	11.2	11.8	11.0	11.4	10.2	8.9	9.5	---	---	---
27	11.2	10.6	10.9	11.8	11.4	11.6	10.2	8.5	9.6	---	---	---
28	10.8	10.4	10.6	11.8	11.4	11.6	10.0	8.6	9.3	10.8	8.8	9.9
29	---	---	---	11.9	11.3	11.6	9.3	7.9	8.7	9.6	6.8	8.4
30	---	---	---	12.7	11.3	11.8	10.7	6.7	9.1	9.8	4.4	7.9
31	---	---	---	11.9	10.4	11.3	---	---	---	10.0	4.9	7.9
Month	12.2	10.1	11.1	---	---	---	---	---	---	---	---	---

0208458892 LAKE MATTAMUSKEET WEST OF NORTH CAROLINA HIGHWAY 94 NEAR FAIRFIELD, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	8.9	5.8	7.5	8.7	7.1	7.9	9.5	7.3	8.5	10.2	6.9	8.5
2	7.9	6.4	7.1	9.2	7.4	8.2	11.5	7.1	9.0	9.1	6.3	7.6
3	7.4	6.6	6.9	9.0	7.0	8.0	9.6	7.0	8.2	10.4	6.3	8.0
4	9.2	6.1	7.7	10.4	6.9	8.6	10.1	6.6	8.3	13.0	4.4	9.1
5	---	---	---	10.4	7.2	8.8	13.8	7.4	10.2	14.2	4.4	9.6
6	9.0	7.8	8.4	10.4	6.9	8.7	11.1	8.0	9.7	11.3	7.5	9.5
7	---	---	---	10.6	6.9	8.6	11.3	7.7	9.5	11.6	6.5	8.8
8	---	---	---	9.7	6.7	8.2	10.5	7.2	8.8	12.3	6.3	9.6
9	---	---	---	9.2	6.4	7.7	9.0	7.0	8.1	11.3	7.1	9.6
10	---	---	---	10.0	6.8	8.0	9.5	6.0	7.5	12.4	5.9	9.2
11	---	---	---	9.0	6.4	7.5	12.5	5.9	8.3	12.4	7.4	9.7
12	---	---	---	9.3	6.7	8.0	13.1	6.4	9.1	10.9	7.3	9.0
13	---	---	---	8.7	7.2	8.1	9.6	6.8	8.3	10.8	6.1	8.5
14	---	---	---	11.0	6.4	8.6	8.6	6.1	7.5	9.3	7.2	8.2
15	---	---	---	12.6	7.2	9.8	10.1	5.3	8.0	13.8	7.0	9.6
16	---	---	---	13.1	8.7	10.8	9.7	7.6	8.6	12.8	7.1	9.8
17	---	---	---	12.4	8.9	10.5	11.4	7.5	9.2	9.3	7.4	8.2
18	---	---	---	12.8	7.3	9.9	12.3	8.2	10.2	10.4	7.2	8.6
19	---	---	---	9.5	7.0	8.2	10.7	9.1	9.9	12.9	8.2	9.7
20	9.7	7.2	8.4	8.3	6.4	7.2	12.4	8.5	10.1	12.6	8.5	10.1
21	10.3	7.8	8.9	10.3	6.2	8.0	11.8	8.0	9.8	10.8	7.0	9.1
22	9.9	7.6	8.7	11.2	6.0	8.4	11.3	7.4	9.4	8.6	2.7	7.4
23	---	---	---	9.9	6.7	8.1	11.3	7.3	9.2	8.9	6.9	8.0
24	---	---	---	11.2	5.7	8.4	8.8	6.8	7.9	12.5	7.3	9.6
25	---	---	---	9.4	6.2	7.8	9.5	6.6	8.1	12.7	5.6	10.2
26	---	---	---	13.1	6.2	9.1	12.8	7.6	9.6	11.7	9.4	10.4
27	8.0	6.5	7.2	13.1	6.2	9.9	12.3	9.0	10.6	9.9	8.0	9.1
28	8.9	6.5	7.5	12.1	5.8	9.5	10.1	7.3	8.7	9.1	7.5	8.3
29	7.9	6.6	7.2	9.5	6.7	8.2	9.7	7.0	8.4	9.9	7.8	8.8
30	8.6	6.7	7.5	12.3	6.8	9.2	11.0	6.5	8.6	10.4	8.0	9.1
31	---	---	---	11.8	7.9	9.7	10.9	4.5	8.6	---	---	---
Month	---	---	---	13.1	5.7	8.6	13.8	4.5	8.9	14.2	2.7	9.0