

Water-Data Report 2013

0208458893 LAKE MATTAMUSKEET EAST OF NORTH CAROLINA HIGHWAY 94 NEAR FAIRFIELD, NC

Pamlico Basin
Pamlico Sound Subbasin

LOCATION.--Lat 35°30'23", long 76°11'02" referenced to North American Datum of 1983, Hyde County, NC, Hydrologic Unit 03020105, approximately 3.3 mi southeast 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, 2.59 ft, February 8, 2013; minimum elevation, 0.85 ft, September 30, 2013.

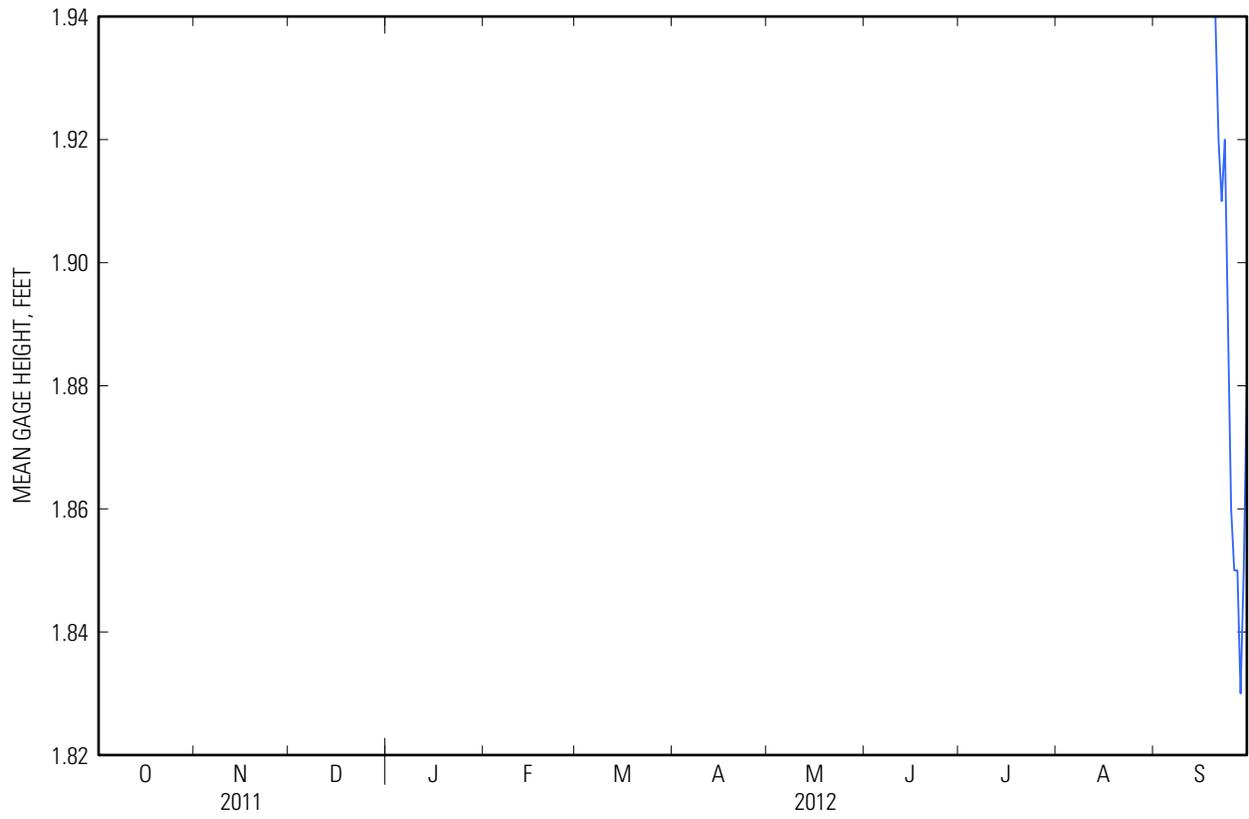
EXTREMES FOR CURRENT YEAR.--Maximum elevation, 2.59 ft, February 8; minimum elevation, 0.85 ft, September 30.

0208458893 LAKE MATTAMUSKEET EAST 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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19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	1.94
21	---	---	---	---	---	---	---	---	---	---	---	1.92
22	---	---	---	---	---	---	---	---	---	---	---	1.91
23	---	---	---	---	---	---	---	---	---	---	---	1.92
24	---	---	---	---	---	---	---	---	---	---	---	1.89
25	---	---	---	---	---	---	---	---	---	---	---	1.86
26	---	---	---	---	---	---	---	---	---	---	---	1.85
27	---	---	---	---	---	---	---	---	---	---	---	1.85
28	---	---	---	---	---	---	---	---	---	---	---	1.83
29	---	---	---	---	---	---	---	---	---	---	---	1.85
30	---	---	---	---	---	---	---	---	---	---	---	1.88
31	---	---	---	---	---	---	---	---	---	---	---	---
Mean	---	---	---	---	---	---	---	---	---	---	---	---
Max	---	---	---	---	---	---	---	---	---	---	---	---
Min	---	---	---	---	---	---	---	---	---	---	---	---

0208458893 LAKE MATTAMUSKEET EAST OF NORTH CAROLINA HIGHWAY 94 NEAR FAIRFIELD, NC—Continued

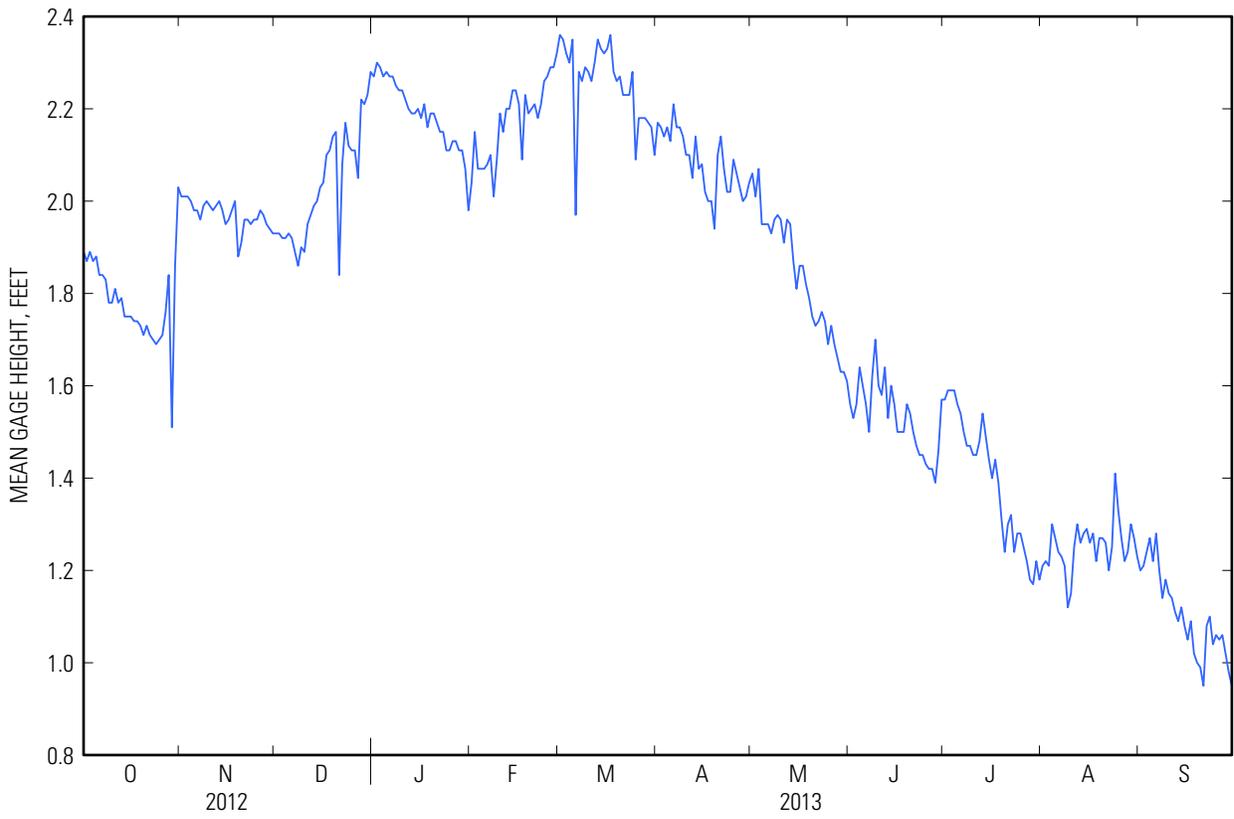


0208458893 LAKE MATTAMUSKEET EAST OF NORTH CAROLINA HIGHWAY 94 NEAR FAIRFIELD, NC—Continued

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	1.89	2.01	1.93	2.27	2.04	2.36	2.17	2.06	1.56	1.57	1.21	1.20
2	1.87	2.01	1.93	2.30	2.15	2.35	2.16	2.01	1.53	1.59	1.22	1.21
3	1.89	2.01	1.92	2.29	2.07	2.32	2.14	2.07	1.56	1.59	1.21	1.24
4	1.87	2.00	1.92	2.27	2.07	2.30	2.16	1.95	1.64	1.59	1.30	1.27
5	1.88	1.98	1.93	2.28	2.07	2.35	2.13	1.95	1.60	1.56	1.27	1.22
6	1.84	1.98	1.92	2.27	2.08	1.97	2.21	1.95	1.56	1.54	1.24	1.28
7	1.84	1.96	1.89	2.27	2.10	2.28	2.16	1.93	1.50	1.50	1.23	1.20
8	1.83	1.99	1.86	2.25	2.01	2.26	2.16	1.96	1.62	1.47	1.21	1.14
9	1.78	2.00	1.90	2.24	2.09	2.29	2.14	1.97	1.70	1.47	1.12	1.18
10	1.78	1.99	1.89	2.24	2.19	2.28	2.10	1.96	1.60	1.45	1.15	1.15
11	1.81	1.98	1.95	2.22	2.15	2.26	2.10	1.91	1.58	1.45	1.25	1.14
12	1.78	1.99	1.97	2.20	2.20	2.30	2.05	1.96	1.64	1.48	1.30	1.11
13	1.79	2.00	1.99	2.19	2.20	2.35	2.14	1.95	1.53	1.54	1.26	1.09
14	1.75	1.98	2.00	2.19	2.24	2.33	2.07	1.87	1.60	1.49	1.28	1.12
15	1.75	1.95	2.03	2.20	2.24	2.32	2.08	1.81	1.56	1.44	1.29	1.08
16	1.75	1.96	2.04	2.18	2.21	2.33	2.02	1.86	1.50	1.40	1.26	1.05
17	1.74	1.98	2.10	2.21	2.09	2.36	2.00	1.86	1.50	1.44	1.28	1.09
18	1.74	2.00	2.11	2.16	2.23	2.28	2.00	1.82	1.50	1.39	1.22	1.02
19	1.73	1.88	2.14	2.19	2.19	2.26	1.94	1.79	1.56	1.31	1.27	1.00
20	1.71	1.91	2.15	2.19	2.20	2.27	2.10	1.75	1.54	1.24	1.27	0.99
21	1.73	1.96	1.84	2.17	2.21	2.23	2.14	1.73	1.50	1.30	1.26	0.95
22	1.71	1.96	2.08	2.15	2.18	2.23	2.07	1.74	1.47	1.32	1.20	1.08
23	1.70	1.95	2.17	2.15	2.21	2.23	2.02	1.76	1.45	1.24	1.25	1.10
24	1.69	1.96	2.12	2.11	2.26	2.28	2.02	1.74	1.45	1.28	1.41	1.04
25	1.70	1.96	2.11	2.11	2.27	2.09	2.09	1.69	1.43	1.28	1.33	1.06
26	1.71	1.98	2.11	2.13	2.29	2.18	2.06	1.73	1.42	1.25	1.27	1.05
27	1.76	1.97	2.05	2.13	2.29	2.18	2.03	1.69	1.42	1.22	1.22	1.06
28	1.84	1.95	2.22	2.11	2.32	2.18	2.00	1.66	1.39	1.18	1.24	1.02
29	1.51	1.94	2.21	2.11	---	2.17	2.01	1.63	1.46	1.17	1.30	0.98
30	1.86	1.93	2.23	2.07	---	2.16	2.04	1.63	1.57	1.22	1.27	0.95
31	2.03	---	2.28	1.98	---	2.10	---	1.61	---	1.18	1.23	---
Mean	1.78	1.97	2.03	2.19	2.17	2.25	2.08	1.84	1.53	1.39	1.25	1.10
Max	2.03	2.01	2.28	2.30	2.32	2.36	2.21	2.07	1.70	1.59	1.41	1.28
Min	1.51	1.88	1.84	1.98	2.01	1.97	1.94	1.61	1.39	1.17	1.12	0.95

0208458893 LAKE MATTAMUSKEET EAST OF NORTH CAROLINA HIGHWAY 94 NEAR FAIRFIELD, NC—Continued



0208458893 LAKE MATTAMUSKEET EAST 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, 2,710 microsiemens, September 21, 22, 2013; minimum recorded, 1,920 microsiemens, March 7, 8, 2013.

pH: Maximum recorded, 10.3 standard units, August 5, 2013; minimum recorded, 7.0 standard units, September 4, 2013.

WATER TEMPERATURE: Maximum recorded, 33.2°C, July 18, 2013; minimum recorded, 1.2°C, January 27, 2013.

DISSOLVED OXYGEN: Maximum recorded, 18.4 mg/L, July 26, 2013; minimum recorded, 3.0 mg/L, September 4, 2013.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum recorded, 2,710 microsiemens, September 21, 22; minimum recorded, 1,920 microsiemens, March 7, 8.

pH: Maximum recorded, 10.3 standard units, August 5; minimum recorded, 7.0 standard units, September 4.

WATER TEMPERATURE: Maximum recorded, 33.2°C, July 18; minimum recorded, 1.2°C, January 27.

DISSOLVED OXYGEN: Maximum recorded, 18.4 mg/L, July 26; minimum recorded, 3.0, September 4.

0208458893 LAKE MATTAMUSKEET EAST 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	---	---	---	---	---	---	---	---	---	---	---	---

0208458893 LAKE MATTAMUSKEET EAST 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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0208458893 LAKE MATTAMUSKEET EAST 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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19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	2,270	2,250	2,260
21	---	---	---	---	---	---	---	---	---	2,290	2,250	2,270
22	---	---	---	---	---	---	---	---	---	2,330	2,270	2,300
23	---	---	---	---	---	---	---	---	---	2,330	2,260	2,310
24	---	---	---	---	---	---	---	---	---	2,270	2,250	2,260
25	---	---	---	---	---	---	---	---	---	2,260	2,240	2,250
26	---	---	---	---	---	---	---	---	---	2,290	2,250	2,270
27	---	---	---	---	---	---	---	---	---	2,300	2,280	2,290
28	---	---	---	---	---	---	---	---	---	2,330	2,290	2,310
29	---	---	---	---	---	---	---	---	---	2,340	2,270	2,310
30	---	---	---	---	---	---	---	---	---	2,300	2,260	2,280
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

0208458893 LAKE MATTAMUSKEET EAST 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	2,300	2,260	2,280	2,250	2,230	2,240	2,550	2,300	2,460	---	---	---
2	2,290	2,270	2,270	2,260	2,190	2,230	2,440	2,320	2,370	---	---	---
3	2,310	2,280	2,290	2,230	2,200	2,220	2,420	2,330	2,400	---	---	---
4	2,340	2,310	2,320	2,230	2,170	2,200	2,450	2,310	2,400	---	---	---
5	2,340	2,310	2,330	2,220	2,180	2,200	2,560	2,400	2,500	---	---	---
6	2,370	2,320	2,340	2,220	2,160	2,190	2,570	2,430	2,510	---	---	---
7	2,380	2,330	2,350	2,230	2,180	2,200	2,460	2,240	2,350	---	---	---
8	2,350	2,280	2,320	2,230	2,200	2,220	2,410	2,240	2,310	---	---	---
9	2,360	2,290	2,330	2,230	2,210	2,220	---	---	---	---	---	---
10	2,390	2,350	2,370	2,230	2,210	2,220	---	---	---	---	---	---
11	2,390	2,320	2,360	2,240	2,210	2,230	---	---	---	---	---	---
12	2,360	2,310	2,330	2,240	2,190	2,220	---	---	---	---	---	---
13	2,330	2,300	2,310	2,240	2,210	2,230	---	---	---	---	---	---
14	2,350	2,300	2,320	2,260	2,240	2,250	---	---	---	---	---	---
15	2,380	2,320	2,350	2,270	2,250	2,260	---	---	---	---	---	---
16	2,390	2,340	2,370	2,280	2,260	2,270	---	---	---	---	---	---
17	2,350	2,310	2,340	2,290	2,270	2,280	---	---	---	---	---	---
18	2,350	2,320	2,340	2,300	2,260	2,290	---	---	---	---	---	---
19	2,370	2,330	2,350	2,280	2,210	2,230	---	---	---	---	---	---
20	2,380	2,360	2,370	2,220	2,210	2,220	---	---	---	---	---	---
21	2,380	2,370	2,380	2,530	2,210	2,260	---	---	---	---	---	---
22	2,390	2,350	2,370	2,690	2,440	2,610	---	---	---	---	---	---
23	2,390	2,370	2,380	2,540	2,400	2,470	---	---	---	---	---	---
24	2,400	2,360	2,390	2,540	2,450	2,500	---	---	---	---	---	---
25	2,400	2,390	2,390	2,570	2,450	2,530	---	---	---	---	---	---
26	2,400	2,380	2,390	2,630	2,290	2,420	---	---	---	---	---	---
27	2,390	2,350	2,370	2,410	2,350	2,380	---	---	---	---	---	---
28	2,350	2,190	2,270	2,540	2,370	2,460	---	---	---	---	---	---
29	2,390	2,190	2,310	2,560	2,520	2,540	---	---	---	---	---	---
30	2,370	2,280	2,350	2,520	2,440	2,500	---	---	---	---	---	---
31	2,280	2,230	2,250	---	---	---	---	---	---	2,230	2,160	2,190
Month	2,400	2,190	2,340	2,690	2,160	2,310	---	---	---	---	---	---

0208458893 LAKE MATTAMUSKEET EAST 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	2,200	2,100	2,170	2,010	1,990	2,000	1,990	1,960	1,980	2,010	1,990	2,000
2	2,130	2,070	2,110	2,010	1,980	2,010	2,000	1,960	1,980	2,020	2,000	2,000
3	2,140	2,100	2,120	2,020	2,000	2,010	2,010	1,990	2,000	2,020	2,000	2,010
4	---	---	---	2,020	1,970	1,990	2,020	1,980	2,000	2,030	2,000	2,020
5	2,130	2,080	2,120	2,020	1,960	1,990	1,980	1,970	1,980	2,040	2,020	2,020
6	2,150	2,060	2,130	2,020	1,940	1,990	2,000	1,980	1,980	2,040	2,010	2,030
7	2,180	2,140	2,160	2,010	1,920	1,990	2,010	1,980	1,990	2,020	2,000	2,020
8	2,180	2,130	2,140	2,040	1,920	1,970	2,000	1,980	1,990	2,040	2,010	2,030
9	2,130	2,070	2,090	2,040	2,020	2,030	2,000	1,970	1,990	2,050	2,030	2,040
10	2,100	2,080	2,100	2,050	2,020	2,040	1,990	1,970	1,980	2,060	2,040	2,050
11	2,100	2,070	2,090	2,050	1,980	2,020	2,010	1,970	1,990	2,060	2,050	2,060
12	2,090	2,070	2,080	1,980	1,930	1,960	2,010	1,980	1,990	2,070	2,050	2,060
13	2,080	2,060	2,070	1,970	1,940	1,950	2,020	1,980	2,010	2,080	2,060	2,070
14	2,070	2,050	2,060	1,990	1,960	1,980	2,020	2,000	2,010	2,090	2,070	2,080
15	2,070	2,040	2,060	2,000	1,970	1,990	2,020	2,010	2,020	2,110	2,090	2,100
16	2,070	2,060	2,070	2,010	1,990	2,000	2,020	2,010	2,020	2,110	2,100	2,100
17	2,070	2,040	2,050	1,990	1,970	1,980	2,040	2,010	2,030	2,120	2,100	2,110
18	2,060	2,050	2,050	2,020	1,980	2,000	2,040	2,020	2,030	2,130	2,100	2,120
19	2,060	2,050	2,060	2,020	2,000	2,010	2,040	2,010	2,030	2,140	2,120	2,130
20	2,100	2,030	2,060	2,020	1,990	2,010	2,020	1,960	1,970	2,150	2,140	2,140
21	2,110	2,070	2,100	2,020	2,000	2,010	1,980	1,960	1,970	2,160	2,150	2,160
22	2,100	2,060	2,080	2,030	2,000	2,010	1,980	1,950	1,960	2,180	2,160	2,170
23	2,060	2,030	2,050	2,030	2,000	2,020	1,950	1,940	1,940	2,180	2,140	2,160
24	2,060	2,040	2,050	2,020	2,000	2,010	1,960	1,940	1,950	2,160	2,150	2,150
25	2,080	2,030	2,060	2,020	1,950	2,010	1,960	1,940	1,950	2,180	2,150	2,160
26	2,080	2,020	2,050	2,020	1,970	2,010	1,970	1,940	1,960	2,190	2,140	2,170
27	2,020	2,000	2,010	2,020	1,960	1,990	1,980	1,960	1,970	2,200	2,140	2,190
28	2,020	2,000	2,010	2,020	1,980	2,010	1,980	1,970	1,980	2,220	2,160	2,200
29	---	---	---	2,030	1,990	2,010	1,990	1,960	1,980	2,240	2,190	2,220
30	---	---	---	2,030	1,990	2,020	2,000	1,970	1,990	2,250	2,220	2,230
31	---	---	---	2,010	1,970	1,980	---	---	---	2,260	2,200	2,240
Month	---	---	---	2,050	1,920	2,000	2,040	1,940	1,990	2,260	1,990	2,100

0208458893 LAKE MATTAMUSKEET EAST 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	2,280	2,220	2,260	2,340	2,330	2,340	2,650	2,520	2,550	2,520	2,510	2,510
2	2,300	2,250	2,280	2,340	2,300	2,310	2,550	2,510	2,530	2,520	2,500	2,510
3	2,300	2,230	2,280	2,310	2,280	2,300	2,550	2,520	2,540	2,520	2,470	2,500
4	2,260	2,220	2,250	2,330	2,310	2,320	2,520	2,480	2,500	2,500	2,460	2,480
5	2,280	2,230	2,270	2,370	2,320	2,340	2,570	2,500	2,520	2,510	2,480	2,500
6	2,290	2,270	2,280	2,400	2,350	2,370	2,560	2,520	2,540	2,520	2,500	2,510
7	2,290	2,220	2,250	2,440	2,400	2,410	2,570	2,530	2,550	2,540	2,520	2,530
8	2,280	2,240	2,270	2,460	2,420	2,450	2,560	2,540	2,550	2,550	2,510	2,540
9	2,290	2,260	2,280	2,460	2,440	2,450	2,570	2,540	2,560	2,560	2,540	2,550
10	2,310	2,270	2,290	2,450	2,440	2,450	2,590	2,520	2,570	2,580	2,550	2,560
11	2,320	2,300	2,310	2,450	2,420	2,440	2,560	2,490	2,530	2,580	2,560	2,570
12	2,330	2,290	2,310	2,460	2,350	2,420	2,530	2,490	2,500	2,580	2,570	2,580
13	2,360	2,300	2,330	2,360	2,320	2,350	2,520	2,500	2,510	2,600	2,580	2,590
14	2,340	2,310	2,320	2,390	2,340	2,370	2,520	2,500	2,510	2,630	2,600	2,610
15	2,350	2,320	2,330	2,410	2,350	2,380	2,540	2,510	2,530	2,640	2,610	2,620
16	2,370	2,340	2,360	2,480	2,390	2,440	2,540	2,520	2,530	2,650	2,610	2,640
17	2,380	2,370	2,370	2,460	2,420	2,450	2,540	2,510	2,530	2,660	2,640	2,650
18	2,370	2,340	2,360	2,490	2,410	2,470	2,560	2,530	2,540	2,690	2,640	2,660
19	2,360	2,340	2,350	2,530	2,470	2,510	2,550	2,520	2,540	2,690	2,650	2,670
20	2,360	2,340	2,350	2,540	2,530	2,540	2,550	2,500	2,540	2,700	2,670	2,690
21	2,380	2,360	2,370	2,560	2,540	2,550	2,570	2,520	2,550	2,710	2,690	2,700
22	2,380	2,360	2,380	2,550	2,520	2,530	2,560	2,550	2,560	2,710	2,550	2,600
23	2,390	2,370	2,380	2,550	2,530	2,540	2,600	2,540	2,560	2,580	2,520	2,560
24	2,380	2,370	2,380	2,580	2,550	2,560	2,540	2,390	2,420	2,590	2,530	2,570
25	2,410	2,380	2,390	2,590	2,570	2,580	2,440	2,400	2,420	2,600	2,500	2,580
26	2,460	2,400	2,420	2,630	2,560	2,600	2,450	2,420	2,430	2,620	2,580	2,590
27	2,490	2,430	2,460	2,640	2,590	2,610	2,480	2,450	2,460	2,620	2,590	2,600
28	2,500	2,460	2,480	2,640	2,600	2,620	2,490	2,460	2,480	2,640	2,580	2,610
29	2,480	2,370	2,420	2,650	2,610	2,620	2,490	2,470	2,480	2,640	2,600	2,620
30	2,380	2,320	2,350	2,650	2,620	2,630	2,500	2,480	2,490	2,650	2,620	2,630
31	---	---	---	2,670	2,630	2,640	2,520	2,470	2,500	---	---	---
Month	2,500	2,220	2,340	2,670	2,280	2,470	2,650	2,390	2,520	2,710	2,460	2,580

0208458893 LAKE MATTAMUSKEET EAST 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	---	---	---	---	---	---	---	---	---	---	---	---

0208458893 LAKE MATTAMUSKEET EAST 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	---	---	---	---	---	---	---	---	---	---	---	---

0208458893 LAKE MATTAMUSKEET EAST 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	---	---	---	---	---	---	---	---	---	8.7	7.9	8.3
21	---	---	---	---	---	---	---	---	---	9.0	8.2	8.6
22	---	---	---	---	---	---	---	---	---	9.1	8.6	8.9
23	---	---	---	---	---	---	---	---	---	9.0	8.7	8.8
24	---	---	---	---	---	---	---	---	---	8.9	8.5	8.7
25	---	---	---	---	---	---	---	---	---	9.2	8.5	8.9
26	---	---	---	---	---	---	---	---	---	9.2	8.6	8.9
27	---	---	---	---	---	---	---	---	---	9.2	8.9	9.0
28	---	---	---	---	---	---	---	---	---	9.3	8.9	9.1
29	---	---	---	---	---	---	---	---	---	9.1	8.6	8.9
30	---	---	---	---	---	---	---	---	---	9.1	8.3	8.7
31	---	---	---	---	---	---	---	---	---	---	---	---
Max	---	---	---	---	---	---	---	---	---	---	---	---
Min	---	---	---	---	---	---	---	---	---	---	---	---

0208458893 LAKE MATTAMUSKEET EAST 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	8.7	7.8	7.7	7.8	7.8	7.6	7.7	7.7	7.6	7.7
2	8.7	8.3	8.5	7.8	7.7	7.8	7.8	7.6	7.7	7.7	7.6	7.6
3	9.0	8.0	8.6	7.9	7.7	7.8	7.7	7.4	7.6	7.7	7.6	7.7
4	8.9	8.4	8.8	7.9	7.7	7.8	7.8	7.4	7.6	7.7	7.6	7.7
5	8.9	8.3	8.7	7.9	7.8	7.8	7.7	7.5	7.6	7.7	7.6	7.7
6	9.0	8.4	8.7	7.9	7.8	7.8	7.8	7.6	7.7	7.7	7.6	7.7
7	8.8	8.3	8.6	7.8	7.8	7.8	7.9	7.7	7.8	7.7	7.5	7.6
8	8.4	8.0	8.2	7.9	7.8	7.8	8.0	7.4	7.7	7.7	7.5	7.6
9	8.2	7.8	8.0	7.9	7.7	7.8	8.0	7.4	7.7	7.6	7.2	7.4
10	8.5	7.8	8.0	7.8	7.7	7.8	7.9	7.6	7.8	7.6	7.2	7.6
11	8.6	8.0	8.3	7.8	7.5	7.7	7.9	7.4	7.7	7.7	7.5	7.6
12	8.6	7.9	8.3	7.7	7.5	7.5	7.7	7.6	7.7	7.6	7.2	7.4
13	8.5	8.0	8.3	7.7	7.4	7.5	7.7	7.7	7.7	7.7	7.2	7.5
14	8.8	7.9	8.3	7.8	7.6	7.7	7.8	7.6	7.7	7.8	7.2	7.6
15	8.7	8.1	8.5	7.8	7.7	7.8	7.9	7.6	7.7	7.7	7.3	7.6
16	8.6	8.0	8.3	7.8	7.7	7.7	7.8	7.4	7.7	7.7	7.4	7.6
17	8.5	7.8	8.2	7.8	7.6	7.7	7.8	7.5	7.6	7.6	7.3	7.6
18	8.6	7.9	8.2	7.8	7.7	7.8	7.7	7.5	7.6	7.7	7.6	7.7
19	8.6	8.0	8.2	7.8	7.7	7.8	7.7	7.6	7.6	7.7	7.5	7.7
20	8.4	7.8	8.1	7.8	7.7	7.8	7.8	7.6	7.7	7.7	7.3	7.6
21	8.3	7.8	8.1	7.8	7.7	7.7	7.8	7.7	7.7	7.8	7.2	7.6
22	8.4	7.8	8.0	7.8	7.7	7.7	7.8	7.7	7.7	7.7	7.6	7.7
23	8.3	7.7	8.0	7.8	7.6	7.7	7.8	7.6	7.7	7.7	7.6	7.7
24	8.3	7.7	8.0	7.8	7.6	7.7	7.7	7.4	7.7	7.7	7.6	7.7
25	8.5	7.9	8.1	7.8	7.7	7.7	7.8	7.5	7.7	7.7	7.4	7.7
26	8.1	7.6	7.8	7.7	7.6	7.7	7.7	7.6	7.7	7.7	7.5	7.6
27	7.8	7.7	7.8	7.7	7.6	7.6	7.7	7.7	7.7	7.7	7.6	7.6
28	7.8	7.8	7.8	7.8	7.6	7.7	7.8	7.5	7.7	7.7	7.2	7.5
29	7.8	7.7	7.8	7.7	7.6	7.7	7.7	7.7	7.7	7.6	7.2	7.5
30	7.8	7.8	7.8	7.8	7.6	7.6	7.7	7.7	7.7	7.7	7.5	7.6
31	7.8	7.7	7.8	---	---	---	7.7	7.6	7.7	7.7	7.7	7.7
Max	9.0	8.6	8.8	7.9	7.8	7.8	8.0	7.7	7.8	7.8	7.7	7.7
Min	7.8	7.6	7.8	7.7	7.4	7.5	7.7	7.4	7.6	7.6	7.2	7.4

0208458893 LAKE MATTAMUSKEET EAST 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	7.7	7.6	7.7	7.9	7.8	7.8	8.1	7.7	7.8	8.1	7.8	7.9
2	7.8	7.4	7.6	7.9	7.8	7.8	8.2	7.8	7.9	8.0	7.7	7.9
3	7.7	7.5	7.7	7.9	7.8	7.9	8.0	7.8	7.9	7.9	7.8	7.8
4	7.7	7.5	7.6	7.9	7.8	7.8	7.9	7.8	7.8	7.9	7.8	7.8
5	7.6	7.5	7.6	7.9	7.8	7.8	8.0	7.8	7.8	8.0	7.8	7.9
6	7.7	7.3	7.7	7.9	7.8	7.8	7.9	7.8	7.8	8.0	7.8	7.9
7	7.8	7.7	7.7	7.9	7.8	7.8	8.2	7.8	7.8	8.2	7.7	7.9
8	7.8	7.7	7.8	7.9	7.8	7.8	8.2	7.8	7.9	8.3	7.7	7.9
9	7.8	7.7	7.8	7.9	7.8	7.8	8.1	7.8	7.9	8.6	7.7	8.1
10	7.8	7.7	7.8	7.9	7.8	7.8	8.1	7.7	7.9	8.5	7.8	8.0
11	7.8	7.7	7.7	7.8	7.7	7.8	8.0	7.7	7.8	8.0	7.8	7.9
12	7.8	7.7	7.7	7.8	7.7	7.7	7.9	7.7	7.8	8.5	7.8	8.0
13	7.7	7.6	7.7	7.9	7.7	7.8	8.1	7.7	7.9	8.1	7.8	8.0
14	7.8	7.7	7.7	7.9	7.8	7.8	8.4	7.8	7.9	8.4	7.8	8.0
15	7.9	7.6	7.7	7.9	7.8	7.8	8.1	7.8	7.9	8.1	7.9	8.0
16	7.8	7.7	7.8	7.8	7.7	7.8	8.2	7.7	7.9	8.5	7.8	8.0
17	7.8	7.8	7.8	7.8	7.7	7.8	8.6	7.8	8.0	8.6	7.8	8.1
18	7.9	7.8	7.8	7.8	7.7	7.8	8.2	7.9	8.1	8.6	7.7	8.0
19	7.8	7.7	7.8	7.9	7.7	7.8	8.0	7.7	7.8	8.4	7.8	8.1
20	7.8	7.7	7.8	7.9	7.7	7.8	8.0	7.7	7.8	8.2	7.8	8.0
21	7.8	7.7	7.8	7.8	7.7	7.8	7.9	7.7	7.8	8.2	7.8	8.0
22	7.8	7.8	7.8	7.9	7.8	7.8	7.8	7.8	7.8	8.2	7.8	8.0
23	7.8	7.7	7.8	8.0	7.7	7.8	7.9	7.7	7.8	8.2	7.8	7.9
24	7.8	7.7	7.7	7.9	7.8	7.8	8.0	7.6	7.8	8.3	7.8	8.1
25	7.8	7.7	7.8	7.8	7.8	7.8	7.9	7.6	7.8	8.2	7.8	8.0
26	7.8	7.7	7.8	7.9	7.8	7.8	8.0	7.7	7.8	8.9	7.8	8.2
27	7.8	7.6	7.7	7.9	7.8	7.9	8.0	7.6	7.8	9.0	7.8	8.5
28	7.8	7.7	7.8	7.9	7.8	7.9	8.0	7.6	7.8	8.9	8.5	8.7
29	---	---	---	8.0	7.8	7.9	7.8	7.5	7.6	8.8	8.2	8.5
30	---	---	---	8.1	7.8	7.9	8.4	7.4	7.8	8.9	7.9	8.5
31	---	---	---	7.9	7.8	7.9	---	---	---	8.9	7.9	8.5
Max	7.9	7.8	7.8	8.1	7.8	7.9	8.6	7.9	8.1	9.0	8.5	8.7
Min	7.6	7.3	7.6	7.8	7.7	7.7	7.8	7.4	7.6	7.9	7.7	7.8

0208458893 LAKE MATTAMUSKEET EAST 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	8.8	8.1	8.5	8.4	7.6	8.1	9.8	9.4	9.6	8.1	7.3	7.6
2	8.3	7.8	8.1	8.7	7.8	8.5	9.9	9.2	9.6	7.9	7.2	7.3
3	8.0	7.8	7.9	8.8	8.0	8.6	9.6	9.2	9.4	8.1	7.2	7.3
4	8.6	7.6	8.2	9.2	8.0	8.8	9.7	9.0	9.5	8.6	7.0	7.4
5	8.7	8.0	8.4	9.3	8.6	9.0	10.3	9.0	9.5	9.0	7.4	8.4
6	8.4	8.1	8.3	9.4	8.5	9.2	10.1	9.4	9.8	8.5	7.4	7.8
7	8.1	7.8	7.8	9.3	8.9	9.2	10.1	9.3	9.8	8.7	7.3	7.8
8	8.0	7.7	7.9	9.2	8.8	9.1	10.0	9.3	9.7	9.0	7.2	8.2
9	8.8	7.6	8.1	9.0	8.6	8.8	9.6	9.3	9.5	9.0	7.4	8.5
10	8.3	7.8	8.1	8.9	8.2	8.6	9.6	9.0	9.3	9.2	7.2	8.3
11	8.4	7.7	7.9	8.8	7.8	8.4	9.9	8.2	9.2	9.3	7.7	8.6
12	8.9	7.6	8.3	8.6	7.8	8.3	10.0	8.9	9.4	9.1	8.4	8.8
13	8.7	7.9	8.4	8.8	7.6	8.5	9.4	8.9	9.2	9.0	7.6	8.3
14	8.2	7.8	8.0	9.3	7.8	8.7	8.9	7.9	8.5	8.3	7.5	7.8
15	8.9	7.6	8.3	9.5	8.2	9.0	9.2	7.4	8.1	8.8	7.2	7.5
16	8.6	8.1	8.3	9.6	8.9	9.3	8.7	7.8	8.4	8.9	7.1	7.9
17	8.6	7.8	8.2	9.6	9.0	9.4	9.3	7.5	8.5	8.6	7.7	8.1
18	8.7	7.9	8.2	9.8	9.1	9.4	9.7	7.8	9.0	8.7	7.4	8.1
19	8.4	7.9	8.1	9.6	9.2	9.4	9.5	8.6	9.1	9.2	7.6	8.2
20	8.8	7.9	8.3	9.3	8.9	9.2	9.7	8.4	9.1	9.3	7.9	8.6
21	9.0	8.2	8.6	9.1	8.3	8.8	9.9	9.0	9.4	9.1	7.8	8.6
22	9.0	8.2	8.6	9.6	8.2	9.0	9.5	8.9	9.2	8.5	7.5	8.0
23	9.0	8.4	8.7	9.3	8.7	9.1	9.5	8.6	9.1	8.2	7.5	7.7
24	8.8	8.3	8.6	9.7	8.6	9.1	9.1	8.1	8.6	9.0	7.3	7.9
25	8.9	8.1	8.5	9.5	8.7	9.2	8.6	7.6	8.1	9.2	7.4	8.7
26	8.9	8.2	8.6	10.2	8.6	9.2	9.4	7.5	8.1	8.9	8.0	8.5
27	8.5	7.8	8.2	10.1	9.3	9.6	9.1	8.3	8.8	8.5	7.8	8.0
28	8.8	7.7	8.3	10.0	9.3	9.7	9.0	7.9	8.4	8.1	7.5	7.8
29	8.4	7.8	8.0	9.8	9.3	9.6	8.5	7.5	7.7	8.3	7.5	7.8
30	8.4	7.7	8.0	10.0	9.2	9.5	8.7	7.2	7.7	8.5	7.5	7.8
31	---	---	---	10.1	9.3	9.7	8.8	7.2	7.9	---	---	---
Max	9.0	8.4	8.7	10.2	9.3	9.7	10.3	9.4	9.8	9.3	8.4	8.8
Min	8.0	7.6	7.8	8.4	7.6	8.1	8.5	7.2	7.7	7.9	7.0	7.3

	Max	Min	Median
Year	10.3	9.4	9.8
Year	7.6	7.0	7.3

0208458893 LAKE MATTAMUSKEET EAST 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	---	---	---	---	---	---	---	---	---	---	---	---

0208458893 LAKE MATTAMUSKEET EAST 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	---	---	---	---	---	---	---	---	---	---	---	---

0208458893 LAKE MATTAMUSKEET EAST 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	---	---	---	---	---	---	---	---	---	23.1	21.9	22.5
21	---	---	---	---	---	---	---	---	---	24.4	21.2	22.7
22	---	---	---	---	---	---	---	---	---	24.6	22.3	23.3
23	---	---	---	---	---	---	---	---	---	24.1	22.4	23.2
24	---	---	---	---	---	---	---	---	---	22.7	20.5	21.6
25	---	---	---	---	---	---	---	---	---	22.9	19.8	21.1
26	---	---	---	---	---	---	---	---	---	23.8	21.0	22.1
27	---	---	---	---	---	---	---	---	---	25.4	22.1	23.4
28	---	---	---	---	---	---	---	---	---	26.0	23.2	24.3
29	---	---	---	---	---	---	---	---	---	24.6	23.1	23.9
30	---	---	---	---	---	---	---	---	---	23.7	21.9	22.7
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

0208458893 LAKE MATTAMUSKEET EAST 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	23.4	22.5	22.9	11.6	9.9	10.8	11.1	8.8	9.6	6.8	6.3	6.6
2	23.9	22.9	23.3	11.6	9.9	10.8	11.7	9.6	10.2	7.1	6.7	7.0
3	26.4	23.4	24.6	11.9	10.0	11.0	12.9	10.5	11.6	6.7	5.8	6.3
4	27.6	24.6	25.9	11.2	10.7	10.9	13.7	11.9	12.6	6.5	5.1	5.9
5	26.2	24.0	24.9	11.6	10.2	10.8	14.2	12.9	13.5	7.0	5.2	5.9
6	26.2	23.6	24.8	10.4	9.5	9.8	13.5	11.6	12.5	6.8	6.2	6.5
7	25.6	23.1	24.2	9.6	8.7	9.2	12.6	11.1	11.8	7.6	6.2	6.9
8	23.1	20.0	21.1	9.2	7.8	8.5	14.6	12.6	13.4	7.2	6.4	6.8
9	20.0	19.2	19.5	9.6	7.5	8.6	15.3	13.3	14.0	8.7	6.9	7.1
10	19.8	18.4	19.0	11.0	8.7	9.4	16.1	14.6	15.3	9.5	7.6	8.6
11	19.7	17.4	18.4	11.4	9.8	10.3	17.0	15.2	16.0	10.2	8.4	9.3
12	20.2	17.3	18.5	14.1	11.3	12.6	15.2	12.0	13.5	11.3	10.1	10.4
13	19.2	16.8	17.9	14.0	12.1	13.2	12.0	10.3	11.3	12.8	11.0	11.4
14	20.0	17.0	18.0	12.1	10.1	11.1	11.0	9.2	10.0	14.2	12.0	12.6
15	22.2	19.0	20.3	10.6	9.5	10.1	10.5	9.5	10.0	13.6	13.0	13.3
16	21.0	18.8	19.7	11.6	10.1	10.8	11.2	10.3	10.8	14.6	13.0	13.7
17	19.5	17.8	18.4	10.9	9.6	10.4	12.6	11.2	11.8	14.1	11.6	13.4
18	20.6	17.6	18.8	12.1	10.7	11.4	13.4	12.2	12.7	11.6	8.8	10.1
19	21.4	19.7	20.5	12.7	12.1	12.4	12.3	11.1	11.8	9.6	7.7	8.4
20	21.2	19.2	20.2	12.2	11.6	12.0	12.6	10.8	11.6	10.5	8.6	9.5
21	19.8	17.9	18.9	12.3	11.2	11.6	13.4	8.7	11.6	10.8	9.1	9.8
22	20.0	17.1	18.4	11.3	10.4	10.9	8.7	6.6	7.3	10.1	6.9	8.6
23	20.5	17.6	18.7	12.2	10.6	11.1	7.2	6.0	6.7	6.9	5.2	5.8
24	21.4	18.1	19.5	11.4	9.8	10.9	7.9	6.6	7.1	5.3	3.0	4.5
25	22.6	19.6	20.6	9.8	8.2	8.9	9.5	7.6	8.4	3.0	1.8	2.2
26	21.0	20.1	20.6	9.4	7.7	8.3	10.7	8.9	9.6	2.4	1.7	2.0
27	20.5	18.8	19.7	9.8	8.6	9.2	10.6	8.6	9.5	3.2	1.2	2.2
28	18.8	16.2	17.5	9.9	8.8	9.4	8.6	7.5	8.0	3.6	2.4	2.9
29	16.2	11.6	14.1	9.9	8.0	8.9	8.7	7.9	8.2	6.5	3.6	4.9
30	11.6	10.1	10.6	10.3	8.6	9.2	8.0	6.4	7.1	11.6	6.3	8.4
31	11.2	9.4	10.3	---	---	---	6.4	5.4	6.1	12.6	10.6	12.0
Month	27.6	9.4	19.7	14.1	7.5	10.4	17.0	5.4	10.8	14.6	1.2	7.8

0208458893 LAKE MATTAMUSKEET EAST 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	10.6	7.0	8.9	9.7	8.2	9.1	15.4	13.4	14.1	21.3	19.6	20.5
2	7.1	5.4	6.2	10.6	8.2	9.0	15.8	13.0	14.3	21.3	18.8	20.0
3	7.1	6.0	6.5	8.9	7.7	8.3	14.4	12.8	13.6	19.6	17.2	18.6
4	7.3	5.4	6.2	8.0	6.1	7.2	13.1	11.0	11.7	17.8	15.7	16.7
5	8.3	6.2	7.2	8.2	6.4	7.4	12.3	11.0	11.5	17.5	15.3	16.4
6	9.7	7.5	8.4	8.3	6.3	7.6	13.5	10.9	12.1	18.2	16.5	17.4
7	9.7	8.0	8.9	8.0	5.5	6.7	15.8	11.3	13.0	21.1	17.7	19.1
8	10.5	9.6	10.0	7.9	6.0	6.9	17.2	13.8	15.5	22.0	18.4	20.1
9	9.6	7.8	8.5	8.9	6.0	7.5	20.0	16.1	17.9	24.5	19.7	21.8
10	9.0	6.8	7.8	10.3	7.4	8.7	21.9	18.4	20.0	25.1	21.6	23.2
11	10.3	8.1	9.2	12.0	9.3	10.7	22.7	19.3	21.0	24.7	22.5	23.5
12	12.0	10.3	11.0	13.3	11.8	12.5	22.2	20.7	21.4	25.6	22.3	23.5
13	11.6	11.0	11.2	13.8	11.8	12.8	21.5	19.6	20.6	23.4	19.7	21.1
14	11.2	9.8	10.5	12.6	10.1	11.1	21.5	18.2	19.6	21.1	17.6	19.3
15	12.3	9.6	10.6	11.6	9.2	10.4	20.8	18.7	19.8	22.2	18.3	20.2
16	11.1	9.1	10.4	12.2	10.1	11.0	21.6	19.1	20.2	24.7	20.2	22.3
17	9.1	5.1	6.9	13.0	11.6	12.2	23.8	19.8	21.1	25.8	22.2	23.7
18	6.0	3.8	5.0	12.1	10.6	11.3	23.3	20.9	22.1	25.9	23.2	24.0
19	7.1	5.0	6.1	14.2	11.7	12.8	23.4	21.4	22.3	25.7	23.4	24.5
20	8.3	6.4	7.4	13.6	11.7	12.6	22.4	18.6	20.6	26.1	23.4	24.7
21	8.7	6.5	7.6	12.6	9.8	11.5	18.6	15.4	17.1	26.0	23.6	24.8
22	7.7	6.8	7.2	10.4	7.8	9.2	15.4	13.0	13.8	26.6	23.5	25.0
23	8.6	7.4	8.1	10.0	8.6	9.2	13.6	12.6	13.0	25.4	24.1	24.5
24	9.9	8.3	8.9	9.5	8.3	8.9	16.9	12.5	14.6	25.0	22.0	23.8
25	9.3	7.6	8.4	8.6	7.8	8.1	17.2	15.9	16.6	22.0	18.7	20.2
26	9.4	7.1	7.9	8.3	6.5	7.5	17.8	14.4	16.1	23.0	18.7	20.3
27	11.3	9.1	10.1	8.8	6.3	7.7	18.9	15.7	17.1	25.3	20.0	21.9
28	11.2	9.7	10.4	9.7	6.9	8.3	19.6	16.3	18.0	25.6	21.4	23.4
29	---	---	---	11.6	7.9	9.5	19.0	18.2	18.5	26.7	23.0	24.9
30	---	---	---	13.4	9.5	10.9	21.9	18.2	19.9	28.8	24.0	26.0
31	---	---	---	13.8	11.3	12.4	---	---	---	29.8	25.0	26.7
Month	12.3	3.8	8.4	14.2	5.5	9.6	23.8	10.9	17.2	29.8	15.3	22.0

0208458893 LAKE MATTAMUSKEET EAST 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	25.4	27.1	26.2	25.3	25.8	27.2	25.7	26.4	29.4	26.7	27.8
2	27.9	25.3	26.5	28.8	24.8	26.7	29.6	25.4	27.0	28.0	26.1	26.9
3	26.0	24.2	25.1	30.0	26.7	28.3	29.4	26.4	27.9	28.9	26.1	26.9
4	26.6	23.7	24.9	30.8	27.4	29.0	28.3	26.6	27.6	30.3	25.4	27.4
5	26.1	22.9	24.5	31.6	27.9	29.5	30.2	25.0	26.9	31.0	26.8	28.2
6	25.0	23.3	24.3	32.0	28.1	29.8	27.9	25.4	26.4	28.3	25.2	27.3
7	26.1	24.0	24.9	31.2	27.8	29.3	30.1	25.4	27.4	27.1	23.3	24.8
8	27.6	23.9	25.7	30.3	27.1	28.6	29.9	26.4	27.9	28.7	23.3	25.3
9	29.3	26.0	27.2	28.7	26.8	27.7	30.7	27.2	28.8	28.9	25.0	26.8
10	28.3	25.7	26.9	29.8	26.6	28.1	31.3	27.1	29.0	30.7	25.8	27.5
11	28.1	25.2	26.6	29.8	26.7	28.3	32.6	27.6	29.0	30.8	26.6	28.0
12	29.7	25.6	27.5	28.6	26.8	27.4	32.6	27.7	29.5	29.9	26.6	28.0
13	30.3	27.2	28.6	28.9	26.1	27.5	29.9	28.1	29.1	28.7	25.7	26.9
14	28.0	24.5	26.0	30.8	27.0	28.7	28.7	24.9	26.9	26.2	23.7	24.9
15	27.5	23.1	24.8	32.5	27.8	29.6	24.9	23.3	23.9	26.4	21.8	23.5
16	26.8	23.3	24.9	32.5	28.2	30.1	23.3	22.2	22.7	26.5	23.2	24.7
17	27.0	23.8	25.3	32.9	28.9	30.7	25.5	22.0	23.4	24.7	20.9	22.9
18	27.5	25.0	26.2	33.2	29.2	30.7	29.5	23.9	26.4	23.0	19.2	21.1
19	26.4	24.4	25.6	31.6	28.5	30.0	27.3	25.7	26.2	24.9	19.6	21.5
20	26.7	22.8	24.6	30.2	27.4	28.7	28.9	25.1	26.4	26.4	20.8	22.6
21	28.8	23.3	25.7	30.0	26.6	28.2	30.5	25.8	27.4	25.5	21.8	23.5
22	27.5	25.3	26.3	30.3	27.4	28.7	29.3	26.6	27.9	23.9	22.1	23.1
23	29.1	25.4	26.8	29.7	27.2	28.3	30.6	26.1	27.5	22.2	20.1	21.3
24	28.4	26.1	27.0	31.8	27.4	29.0	27.1	24.7	25.9	24.2	18.7	20.7
25	29.8	25.9	27.7	29.0	27.2	28.1	25.6	22.8	24.2	23.2	19.6	21.1
26	30.0	26.3	28.0	31.1	25.6	27.3	26.9	22.4	24.0	22.8	19.9	21.2
27	29.4	26.6	27.8	29.9	25.9	27.5	27.1	23.2	25.0	22.0	20.0	20.9
28	29.8	26.4	27.9	31.1	26.6	28.1	26.9	23.9	25.2	22.0	19.1	20.4
29	28.1	26.6	27.3	28.8	26.8	27.7	27.1	25.2	25.9	22.6	19.4	20.9
30	26.6	25.6	26.0	29.0	26.0	27.2	27.9	24.1	25.9	21.8	19.4	20.6
31	---	---	---	29.6	25.5	27.1	29.7	25.7	27.4	---	---	---
Month	30.3	22.8	26.3	33.2	24.8	28.4	32.6	22.0	26.6	31.0	18.7	24.2

	Max	Min	Mean
Year	33.2	1.2	17.7

0208458893 LAKE MATTAMUSKEET EAST 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	---	---	---	---	---	---	---	---	---	---	---	---

0208458893 LAKE MATTAMUSKEET EAST 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	---	---	---	---	---	---	---	---	---	---	---	---

0208458893 LAKE MATTAMUSKEET EAST 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	---	---	---	---	---	---	---	---	---	9.6	7.2	8.3
21	---	---	---	---	---	---	---	---	---	11.0	7.6	9.0
22	---	---	---	---	---	---	---	---	---	10.3	8.5	9.4
23	---	---	---	---	---	---	---	---	---	9.6	7.6	8.5
24	---	---	---	---	---	---	---	---	---	10.0	7.5	8.6
25	---	---	---	---	---	---	---	---	---	11.4	7.8	9.3
26	---	---	---	---	---	---	---	---	---	11.4	8.0	9.4
27	---	---	---	---	---	---	---	---	---	11.0	8.4	9.5
28	---	---	---	---	---	---	---	---	---	11.0	8.2	9.2
29	---	---	---	---	---	---	---	---	---	9.1	7.4	8.1
30	---	---	---	---	---	---	---	---	---	10.7	7.0	8.5
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

0208458893 LAKE MATTAMUSKEET EAST 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	9.3	7.9	8.6	10.1	9.9	10	11.2	10.4	10.9	12.0	11.8	11.9
2	8.7	7.2	7.9	10.2	9.9	10.0	11.4	10.0	10.9	11.8	11.7	11.7
3	10.5	7.0	8.5	10.3	9.8	10.0	11.1	10.2	10.8	11.9	11.7	11.8
4	9.9	7.2	8.7	10.2	9.7	10	11.4	10.1	10.8	12.0	11.8	11.9
5	9.8	7.2	8.4	10.2	9.9	10.1	10.7	10.2	10.4	12.2	11.9	12.0
6	9.7	7.3	8.5	10.4	10.0	10.2	10.6	10.0	10.3	12.0	11.8	11.9
7	9.6	7.4	8.3	10.5	10.2	10.4	10.8	10.3	10.5	12.0	11.8	11.9
8	9.0	7.6	8.3	10.7	10.4	10.6	11.1	10.1	10.5	11.9	11.7	11.8
9	9.1	7.8	8.4	10.8	10.4	10.6	11.1	10.0	10.5	11.7	11.0	11.5
10	9.9	7.9	8.8	10.5	9.8	10.3	10.6	9.7	10.2	11.6	10.7	11.4
11	10.4	8.5	9.3	10.4	9.1	9.9	10.1	9.2	9.6	11.6	11.3	11.4
12	10.1	8.6	9.3	10.1	8.7	9.4	10.4	9.6	10	11.3	10.4	11.0
13	10.1	8.5	9.3	9.6	8.6	9.2	10.7	10.4	10.6	11.3	10.2	10.9
14	10.7	8.5	9.4	10.3	9.6	10	11.2	10.3	10.9	11.2	10.2	10.8
15	10.3	8.7	9.5	10.5	10.2	10.3	11.3	10.7	11.0	10.7	9.9	10.5
16	9.8	8.1	8.9	10.4	10.2	10.3	11.1	10.7	10.9	10.4	9.9	10.2
17	9.6	8.1	8.8	10.5	10.2	10.3	11.1	10.3	10.7	10.4	9.6	10.0
18	9.7	8.3	8.8	10.4	10.1	10.2	10.6	10.2	10.4	11.2	10.4	10.9
19	9.9	8.2	9.0	10.1	9.9	10.0	10.6	10.2	10.3	11.4	10.7	11.2
20	9.3	7.8	8.5	10.0	9.8	9.9	10.8	10.2	10.5	11.4	11.1	11.2
21	9.5	8.0	8.7	10.0	9.8	9.9	10.9	10.1	10.4	11.5	10.9	11.1
22	9.7	8.1	8.9	10.3	9.9	10.2	11.7	10.9	11.5	11.6	10.9	11.3
23	9.5	8.2	8.9	10.2	9.8	10.0	11.8	11.5	11.7	12.1	11.5	11.9
24	9.6	8.0	8.8	10.2	9.9	10.1	11.8	11.5	11.6	12.9	12.1	12.5
25	10.0	8.4	9.1	10.5	10.1	10.4	11.8	11.2	11.5	13.3	12.9	13.2
26	8.8	7.6	8.2	10.6	10.0	10.4	11.4	10.7	11.1	13.4	13.3	13.4
27	8.3	7.9	8.1	10.5	10.0	10.3	11.1	10.7	10.9	13.6	13.4	13.5
28	8.9	8.3	8.6	10.7	10.2	10.5	11.5	11.0	11.2	13.5	13.2	13.4
29	9.8	8.8	9.3	11.2	10.3	10.8	11.3	11.1	11.2	13.4	12.9	13.1
30	10.2	9.8	10.1	11.3	10.5	10.9	11.9	11.1	11.6	12.9	10.9	12.2
31	10.3	10.0	10.2	---	---	---	12.1	11.8	12.0	11.0	10.4	10.6
Month	10.7	7.0	8.8	11.3	8.6	10.2	12.1	9.2	10.8	13.6	9.6	11.7

0208458893 LAKE MATTAMUSKEET EAST 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	11.6	10.6	11.2	11.1	10.7	10.9	10.7	9.7	10.1	9.3	8.5	8.8
2	11.9	11.1	11.6	11.3	10.7	11.0	10.9	9.9	10.3	9.3	8.4	8.8
3	11.9	11.3	11.8	11.3	10.9	11.1	10.6	10.0	10.3	9.3	8.5	8.9
4	11.9	11.3	11.8	11.7	11.2	11.5	10.7	10.2	10.4	9.6	9.0	9.3
5	11.9	11.2	11.7	11.7	11.4	11.5	11.0	10.4	10.6	9.7	9.1	9.4
6	---	---	---	11.7	11.2	11.4	10.8	10.4	10.6	9.5	8.9	9.2
7	---	---	---	12.0	11.6	11.8	11.2	10.1	10.5	9.8	8.5	9.0
8	---	---	---	11.9	11.6	11.7	10.8	9.8	10.3	9.6	8.3	8.8
9	---	---	---	11.9	11.6	11.7	10.2	9.1	9.7	9.8	8.1	8.7
10	---	---	---	11.7	11.2	11.5	9.6	8.6	9.1	9.2	7.8	8.3
11	---	---	---	11.4	10.8	11.1	9.1	8.3	8.7	8.3	7.7	8.0
12	---	---	---	10.8	10.1	10.4	8.8	8.1	8.4	9.4	7.5	8.2
13	---	---	---	10.4	10.0	10.2	9.3	8.0	8.7	8.9	7.8	8.4
14	---	---	---	10.7	10.1	10.5	9.7	8.3	8.9	9.8	8.2	8.9
15	---	---	---	10.9	10.5	10.7	9.3	8.5	8.9	9.0	8.3	8.7
16	---	---	---	10.8	10.3	10.6	9.7	8.4	9.0	9.6	8.1	8.7
17	---	---	---	10.4	10.2	10.3	9.9	8.1	8.9	9.4	7.8	8.5
18	---	---	---	10.8	10.3	10.5	9.2	8.2	8.7	9.4	7.5	8.3
19	---	---	---	10.5	10.2	10.4	8.5	8.0	8.2	8.9	7.6	8.2
20	---	---	---	10.6	10.1	10.2	8.8	8.0	8.4	8.5	7.6	8.0
21	---	---	---	10.5	10.0	10.3	9.6	8.4	9.1	8.6	7.4	7.9
22	---	---	---	11.2	10.4	10.8	10.2	9.4	9.9	8.6	7.4	8.0
23	---	---	---	11.2	10.6	10.9	10.4	10.1	10.2	8.5	7.3	7.9
24	---	---	---	11.1	10.9	11.0	10.5	9.4	10	8.7	7.4	8.1
25	---	---	---	11.2	11.0	11.1	9.7	9.0	9.4	9.3	8.0	8.6
26	---	---	---	11.7	11.2	11.5	10.2	9.2	9.6	11.0	7.8	9.4
27	---	---	---	11.8	11.5	11.6	10.1	8.9	9.5	11.0	7.6	9.7
28	10.8	10.6	10.8	11.7	11.4	11.5	10.0	8.9	9.4	9.8	8.4	9.2
29	---	---	---	11.7	11.3	11.4	9.4	8.6	9.0	9.2	7.7	8.3
30	---	---	---	11.6	10.8	11.2	10.2	8.4	9.2	9.5	7.0	8.2
31	---	---	---	11.1	10.1	10.7	---	---	---	9.5	7.1	8.3
Month	---	---	---	12.0	10.0	11.0	11.2	8.0	9.5	11.0	7.0	8.6

0208458893 LAKE MATTAMUSKEET EAST 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	9.0	7.1	8.0	9.1	7.3	8.2	11.0	7.1	8.9	7.8	4.0	5.9
2	8.1	7.0	7.6	9.9	7.6	8.6	12.8	6.5	9.1	8.2	4.6	5.9
3	7.9	7.2	7.5	9.8	7.1	8.4	10.1	6.2	8.1	8.7	4.5	6.0
4	9.3	6.6	8.2	11.1	6.8	8.9	10.7	5.1	8.2	10.5	3.0	6.7
5	10.0	7.6	8.8	11.2	7.1	9.0	17.7	5.9	11.2	13.3	5.9	9.3
6	8.9	7.8	8.4	11.0	4.9	8.7	13.8	6.9	10.3	8.9	5.7	7.4
7	8.0	7.4	7.7	10.8	6.7	8.6	13.1	5.8	9.5	11.4	5.7	8.0
8	8.2	7.4	7.8	10.2	6.8	8.3	12.2	5.4	8.6	12.3	4.5	8.5
9	10.7	6.9	8.3	9.9	6.5	7.9	9.9	5.9	7.7	11.8	5.6	9.0
10	8.2	7.3	7.7	9.9	6.6	8.2	11.2	5.7	7.9	13.5	4.3	9.1
11	8.9	7.3	8.0	9.9	6.6	8.0	15.1	3.2	8.2	14.2	5.8	9.8
12	10.1	7.3	8.6	9.1	6.5	7.9	15.0	5.5	9.0	11.7	7.1	9.0
13	8.4	6.8	7.6	9.4	5.5	8.1	8.9	5.5	7.2	11.3	5.7	8.0
14	8.4	6.8	7.6	11.8	6.6	9.0	8.7	5.3	6.9	9.1	5.7	7.4
15	11.2	6.1	8.7	13.9	6.3	10.2	10.6	4.8	7.5	14.1	6.0	8.9
16	8.9	7.7	8.3	14.6	8.0	11.0	9.4	6.9	8.1	12.1	3.7	8.0
17	9.4	7.4	8.2	13.2	7.8	10.4	12.4	6.0	8.7	8.8	6.6	7.9
18	9.5	7.2	8.2	14.4	6.9	10.1	15.2	6.9	10.6	10.7	6.8	8.5
19	8.9	7.1	7.9	10.9	6.9	8.7	11.5	7.2	9.4	13.4	6.5	8.9
20	10.2	7.6	8.6	9.6	6.8	7.9	14.6	5.7	10.1	13.6	6.7	9.4
21	10.3	7.7	8.8	10.8	6.6	8.4	---	---	---	11.2	5.7	8.4
22	10.1	5.9	8.4	13.6	6.1	9.1	---	---	---	8.4	4.5	7.2
23	10.2	7.3	8.6	10.8	6.8	8.6	---	---	---	9.3	7.0	8.1
24	9.5	7.0	8.1	13.9	6.0	9.3	8.4	6.5	7.5	12.6	6.4	8.9
25	9.8	7.2	8.3	11.0	6.0	8.4	9.5	6.5	7.9	12.7	5.0	9.0
26	9.8	7.1	8.1	18.4	5.2	10.3	14.6	6.2	9.6	10.5	7.3	8.9
27	8.4	6.8	7.5	15.6	6.8	10.8	11.2	7.3	9.1	9.1	6.8	8.2
28	10.1	7.0	8.1	13.7	5.8	9.7	10.6	6.4	8.0	9.2	7.1	8.3
29	8.2	6.6	7.4	10.9	5.8	8.3	9.4	5.7	7.1	9.8	7.3	8.5
30	9.2	7.1	8.0	14.2	5.9	9.4	10.3	5.0	7.6	10.2	7.2	8.5
31	---	---	---	14.5	6.4	10.3	10.0	4.4	7.3	---	---	---
Month	11.2	5.9	8.1	18.4	4.9	9.0	---	---	---	14.2	3.0	8.2