01487000 NANTICOKE RIVER NEAR BRIDGEVILLE, DE

Upper Chesapeake Basin
Nanticoke Subbasin

LOCATION.--Lat 38°43'42.0", long 75°33'42.7" referenced to North American Datum of 1983, Sussex County, DE, Hydrologic Unit 02060008, on left bank at downstream side of highway bridge on county road No. 545, 800 ft downstream from Gum Branch, 2.5 mi southeast of Bridgeville, and 50.5 mi upstream from mouth.

DRAINAGE AREA.--75.4 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--April 1943 to current year. Prior to October 1955, published as Gravelly Fork near Bridgeville, DE.

REVISED RECORDS.--WSP 1111: 1947. WSP 1232: 1945-49.

GAGE.--Water-stage recorder. Datum of gage is 13.64 ft above National Geodetic Vertical Datum of 1929 (levels by Soil Conservation Service). Prior to Apr. 19, 1947, nonrecording gage, and Apr. 19, 1947 to Dec. 18, 1969, recording gage at present site and datum. Timber control Sept. 3, 1947 to Dec. 18, 1969. Feb. 18, 1970 to Oct. 1, 1973, recording gage at site 300 ft downstream at same datum.

REMARKS.--No estimated daily discharges. Records good. U.S. Geological Survey satellite collection platform at station. Several measurements of water temperature were made during the year. Water-quality records for some prior periods have been collected at this location.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage known, about 11.0 ft in September 1935, from information by local residents.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 360 ft^3/s and (or) maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)
May 13	0100	*410	*6.35
No other peak greater than base discharge			

Minimum discharge, 14 ft^3/s, Sept. 4, 5.

01487000 NANTICOKE RIVER NEAR BRIDGEVILLE, DE—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	17	20	20	47	59	64	72	63	132	45	29	16
2	17	19	20	43	79	63	71	62	112	43	26	16
3	17	19	23	41	67	62	67	60	91	41	28	16
4	17	19	22	40	63	64	84	59	102	40	26	15
5	17	19	23	41	63	81	79	57	185	62	24	15
6	17	20	23	41	62	73	81	54	174	54	22	23
7	17	19	22	41	62	75	79	53	138	50	22	25
8	17	19	23	41	59	224	78	54	122	48	24	21
9	17	19	23	41	58	204	76	78	110	45	23	22
10	18	19	23	42	58	131	75	85	99	47	23	22
11	20	19	23	45	56	116	74	79	87	46	22	20
12	19	19	23	42	56	111	75	220	78	40	19	19
13	18	19	23	42	70	104	74	357	75	39	21	19
14	17	19	23	45	81	100	70	237	72	38	20	19
15	17	20	22	43	72	97	67	195	77	36	20	18
16	17	21	38	42	69	95	65	183	74	34	18	16
17	17	20	35	44	67	88	64	179	77	33	19	17
18	17	19	30	58	69	85	64	164	70	30	18	17
19	18	21	28	55	67	87	63	153	71	28	19	16
20	19	21	27	51	64	92	62	148	65	29	18	17
21	18	20	27	48	64	85	62	146	62	28	18	17
22	18	21	27	49	68	82	59	136	58	27	17	17
23	18	21	28	51	71	80	58	125	59	27	18	16
24	21	21	38	49	69	78	58	116	57	55	19	17
25	27	21	32	49	68	76	57	109	52	42	18	19
26	24	21	32	48	69	75	56	103	48	36	16	29
27	30	21	34	49	69	75	57	99	49	35	16	26
28	26	20	32	50	65	76	64	93	53	34	17	28
29	22	20	38	50	63	72	78	87	48	31	17	24
30	20	20	40	50	---	69	68	83	48	30	18	22
31	21	---	52	48	---	69	---	90	---	26	18	---
Total	595	596	874	1,426	1,907	2,853	2,057	3,727	2,545	1,199	633	584
Mean	19.2	19.9	28.2	46.0	65.8	92.0	68.6	120	84.8	38.7	20.4	19.5
Max	30	21	52	58	81	224	84	357	185	62	29	29
Min	17	19	20	40	56	62	56	53	48	26	16	15
Cfsm	0.25	0.26	0.37	0.61	0.87	1.22	0.91	1.59	1.13	0.51	0.27	0.26
In.	0.29	0.29	0.43	0.70	0.94	1.41	1.01	1.84	1.26	0.59	0.31	0.29

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1943 - 2008, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	48.5	66.6	93.1	120	137	160	141	104	78.7	59.4	62.1	50.0
Max	137	243	303	311	388	421	300	219	298	210	412	234
(WY)	(1980)	(2003)	(2004)	(1978)	(1998)	(1994)	(1958)	(1990)	(1948)	(1959)	(1967)	(1960)
Min	17.9	19.9	23.6	23.8	36.3	51.7	47.8	45.8	29.3	17.5	13.6	10.1
(WY)	(1944)	(2008)	(1999)	(1966)	(2002)	(2002)	(1985)	(1951)	(1986)	(1944)	(1943)	(1943)

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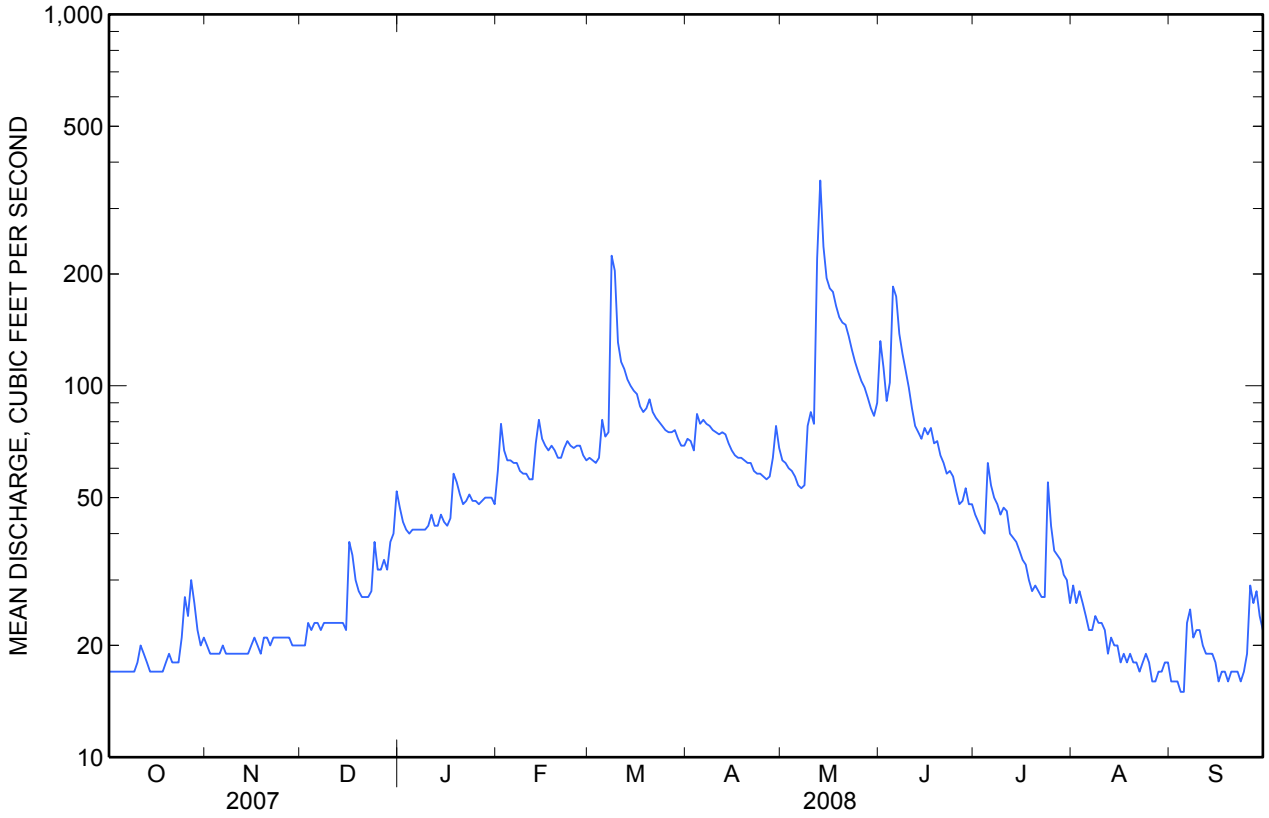
SUMMARY STATISTICS

	Calendar Year 2007		Water Year 2008		Water Years 1943 - 2008	
Annual total	28,569		18,996			
Annual mean	78.3		51.9		93.4	
Highest annual mean					189	2003
Lowest annual mean					43.8	1985
Highest daily mean	1,090	Apr 16	357	May 13	2,880	Feb 26, 1979
Lowest daily mean	16	Sep 8	15	Sep 4[a]	6.6	Sep 29, 1943
Annual seven-day minimum	17	Sep 3	16	Aug 30	7.8	Sep 23, 1943
Maximum peak flow			410	May 13	3,020	Feb 26, 1979
Maximum peak stage			6.35	May 13	10.31	Feb 26, 1979
Instantaneous low flow			14	Sep 4[a]	[b]6.3	Sep 29, 1943
Annual runoff (cfsm)	1.04		0.688		1.24	
Annual runoff (inches)	14.10		9.37		16.83	
10 percent exceeds	168		91		180	
50 percent exceeds	37		42		69	
90 percent exceeds	18		18		26	

[a] Sept. 4, 5.

[b] Minimum discharge observed.



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WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 2006 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 2006 to current year.
WATER TEMPERATURE: October 2006 to current year.
pH: October 2006 to current year.
DISSOLVED OXYGEN: October 2006 to current year.

INSTRUMENTATION.--Multi-parameter water-quality monitor, October 2006 to current year.

REMARKS.--
SPECIFIC CONDUCTANCE: Records excellent except Jan 7 to March 6, May 11-28, and Aug. 10-26, which are good.
WATER TEMPERATURE: Records excellent except Jan. 7 to March 6, 2008, which are poor.
pH: Records excellent except Nov. 15 to Jan. 6, which are good; and Jan. 7 to March 5, which are fair; and March 6 to May 28, which are poor.
DISSOLVED OXYGEN: Records excellent except Jan. 7 to Feb. 25, April 14 to May 22, June 14-30, Aug. 21-26, which are good; and Feb. 26 to March 6, May 23-28, which are fair.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 276 microsiemens/cm, Feb. 22, 2008 (road salt);minimum, 60 microsiemens/cm, April 16, 2007.

WATER TEMPERATURE: Maximum, 27.9°C, July 21, 2008; minimum, 1.9°C, Jan. 4, 2008.
pH: Maximum, 7.0 standard units, many days during the 2007 and 2008 water years.; minimum, 6.0 standard units, April 17, 18, 2007, May 29, 2008.
DISSOLVED OXYGEN: Maximum, 14.2 mg/l, April 9, 2007; minimum, 4.6 mg/l, Aug. 9, 2007.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 276 microsiemens/cm, Feb. 22 (road salt); minimum, 107 microsiemens/cm, May 12, 13.
WATER TEMPERATURE: Maximum, 27.9°C, July 21; minimum, 1.9°C, Jan. 4.
pH: Maximum, 7.0 standard units, many days during the 2008 water year; minimum, 6.0 standard units, May 29.
DISSOLVED OXYGEN: Maximum, 13.7 mg/l, March 30, 2008; minimum, 4.8 mg/l, July 24, 2008.

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SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	167	148	159	157	144	152	162	150	156	147	140	143
2	166	145	157	158	145	153	161	148	156	147	143	146
3	162	147	156	158	147	153	157	147	153	147	143	145
4	164	143	155	158	145	153	159	146	153	147	143	145
5	163	145	156	158	147	153	161	145	154	146	141	145
6	162	146	156	157	144	152	165	143	155	146	139	143
7	163	146	155	158	144	152	170	153	162	146	137	142
8	165	147	158	158	145	153	179	154	166	145	136	141
9	164	147	157	157	146	152	201	162	177	144	136	141
10	163	152	158	154	145	151	172	158	164	142	131	137
11	158	151	154	156	145	151	165	152	159	140	132	137
12	159	149	154	154	145	150	164	149	158	142	134	138
13	161	147	155	157	144	152	165	149	158	143	135	139
14	160	149	155	158	146	153	161	149	157	141	133	137
15	161	149	156	162	143	151	162	150	157	143	136	139
16	161	148	156	164	146	156	160	142	150	144	136	140
17	161	151	157	158	145	153	155	143	148	143	137	141
18	165	150	158	158	146	153	167	154	161	140	131	137
19	164	152	158	160	145	153	165	153	160	143	136	139
20	163	148	156	155	144	150	161	151	157	141	134	138
21	158	144	152	159	147	153	158	149	155	141	135	139
22	162	147	155	158	146	153	157	149	153	141	135	138
23	163	148	156	157	145	152	157	147	152	141	135	139
24	160	149	153	159	147	153	153	135	141	145	137	139
25	154	131	144	159	147	155	149	141	145	148	141	145
26	152	138	145	159	148	154	150	145	147	146	139	143
27	149	131	141	160	146	154	151	140	146	143	135	139
28	148	138	143	161	147	155	153	143	149	141	135	138
29	154	144	149	163	147	157	151	142	146	138	133	136
30	159	147	153	160	148	156	145	141	144	139	132	136
31	156	141	150	---	---	---	145	135	140	140	134	137
Month	167	131	154	164	143	153	201	135	154	148	131	140

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SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

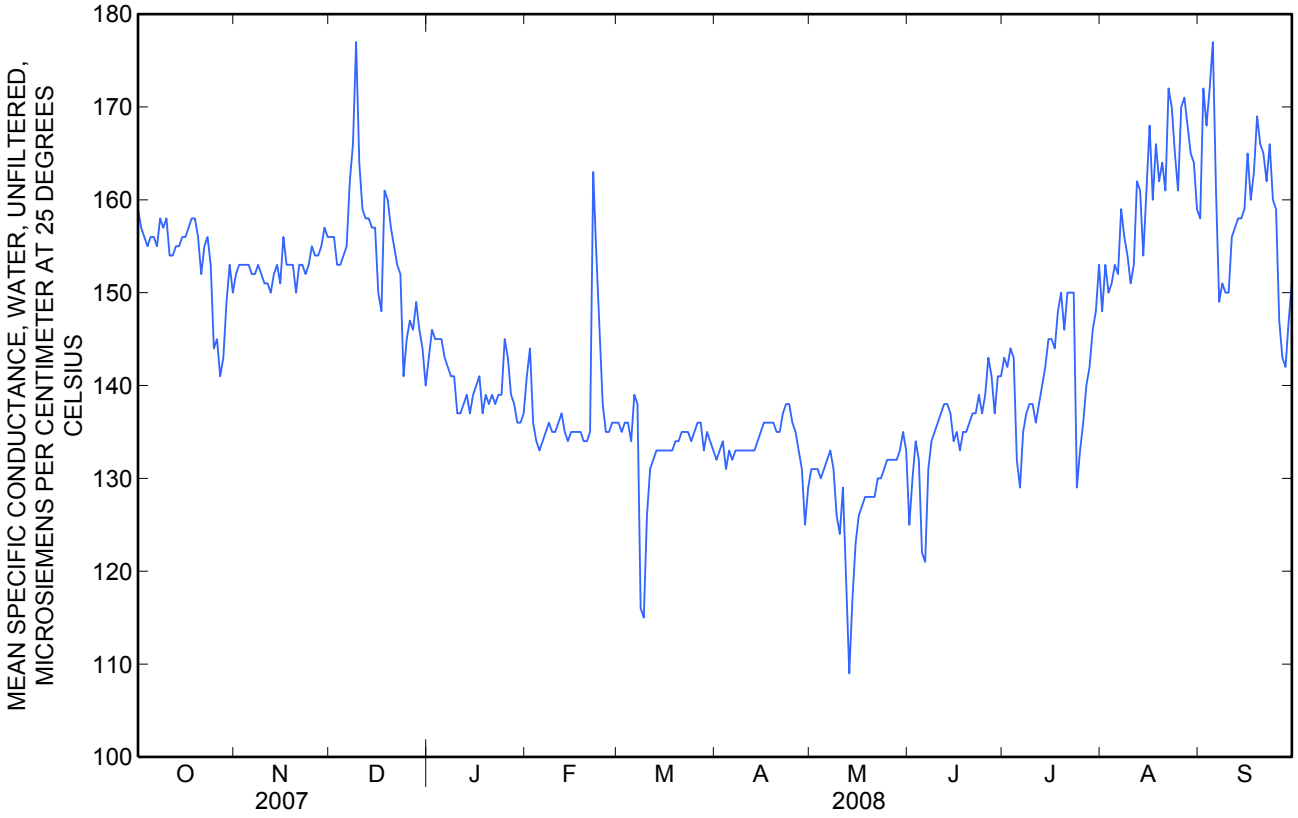
Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	168	132	141	139	133	136	135	129	132	133	129	131
2	152	138	144	137	133	135	134	132	133	136	128	131
3	140	134	136	141	132	136	135	133	134	134	127	131
4	135	132	134	140	133	136	134	127	131	134	127	130
5	135	130	133	140	131	134	135	130	133	135	128	131
6	138	131	134	146	132	139	134	130	132	137	128	132
7	138	132	135	141	123	138	136	131	133	137	130	133
8	138	134	136	135	109	116	136	130	133	135	129	131
9	138	133	135	121	109	115	134	131	133	143	116	126
10	137	132	135	129	121	126	137	130	133	132	119	124
11	138	134	136	132	129	131	137	131	133	133	125	129
12	139	135	137	134	131	132	135	132	133	132	107	119
13	139	130	135	134	132	133	135	132	133	111	107	109
14	139	130	134	134	132	133	135	133	134	121	111	117
15	138	133	135	134	132	133	139	133	135	126	121	123
16	137	133	135	134	132	133	139	134	136	128	125	126
17	136	133	135	135	132	133	139	134	136	130	125	127
18	136	134	135	134	132	133	139	133	136	130	127	128
19	136	132	134	137	132	134	139	133	136	130	126	128
20	136	132	134	137	133	134	137	133	135	129	126	128
21	139	133	135	137	133	135	138	132	135	130	127	128
22	276	132	163	136	134	135	143	134	137	133	127	130
23	168	146	154	136	134	135	140	134	138	132	128	130
24	150	142	146	136	134	134	142	136	138	134	127	131
25	142	136	138	138	133	135	140	135	136	135	129	132
26	137	132	135	139	133	136	137	133	135	135	129	132
27	136	133	135	138	133	136	136	131	133	134	129	132
28	137	134	136	137	131	133	138	123	131	136	128	132
29	140	133	136	137	134	135	128	123	125	139	130	133
30	---	---	---	135	133	134	131	127	129	139	131	135
31	---	---	---	135	131	133	---	---	---	138	125	133
Month	276	130	138	146	109	133	143	123	134	143	107	128

01487000 NANTICOKE RIVER NEAR BRIDGEVILLE, DE—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	132	116	125	147	139	143	153	146	148	173	148	158
2	141	120	130	149	136	142	156	149	153	188	161	172
3	137	131	134	149	138	144	153	146	150	176	158	168
4	137	127	132	149	132	143	152	149	151	186	158	172
5	132	115	122	146	120	132	156	149	153	184	165	177
6	128	115	121	133	127	129	156	150	152	172	143	161
7	134	128	131	141	131	135	162	156	159	158	142	149
8	135	131	134	142	133	137	162	151	156	159	143	151
9	137	132	135	143	134	138	157	149	154	157	144	150
10	138	133	136	143	134	138	154	148	151	157	143	150
11	139	134	137	140	131	136	161	150	153	165	146	156
12	142	135	138	141	135	138	167	155	162	165	148	157
13	141	134	138	143	137	140	167	156	161	165	149	158
14	145	134	137	146	138	142	162	149	154	164	148	158
15	137	130	134	148	141	145	171	149	161	168	148	159
16	138	131	135	148	140	145	175	160	168	174	158	165
17	137	130	133	147	142	144	170	151	160	170	150	160
18	140	132	135	150	146	148	171	158	166	177	150	163
19	138	132	135	154	143	150	170	152	162	178	160	169
20	139	133	136	151	142	146	171	153	164	175	154	166
21	140	134	137	153	143	150	172	148	161	173	154	165
22	140	134	137	153	145	150	183	162	172	172	151	162
23	143	135	139	153	146	150	177	159	170	174	157	166
24	141	134	137	151	114	129	174	156	165	167	150	160
25	143	134	139	134	131	133	174	150	161	165	152	159
26	146	138	143	139	132	136	178	163	170	165	140	147
27	145	136	141	142	138	140	188	157	171	148	137	143
28	142	130	137	145	139	142	180	156	168	147	138	142
29	144	137	141	148	145	146	173	157	165	152	143	147
30	146	138	141	152	146	148	175	150	164	156	147	151
31	---	---	---	156	150	153	166	150	159	---	---	---
Month	146	115	135	156	114	142	188	146	160	188	137	159
Year	276	107	144									

01487000 NANTICOKE RIVER NEAR BRIDGEVILLE, DE—Continued



01487000 NANTICOKE RIVER NEAR BRIDGEVILLE, DE—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	19.0	15.7	17.2	14.6	12.3	13.5	7.4	6.2	6.8	8.8	6.9	7.8
2	19.0	16.1	17.5	13.8	11.9	12.8	8.9	6.7	7.5	7.5	4.3	5.9
3	20.7	18.1	19.2	12.7	11.2	12.1	10.5	8.0	9.4	4.3	2.5	3.3
4	21.1	19.5	20.1	12.1	10.1	11.2	8.0	6.3	7.0	4.3	1.9	3.1
5	21.6	19.7	20.6	11.8	9.5	10.9	6.3	5.0	5.4	5.9	3.2	4.4
6	22.3	20.0	20.9	11.8	10.5	11.4	5.1	3.7	4.5	8.7	5.9	7.2
7	22.5	19.9	21.0	10.8	9.0	10	5.9	3.0	4.3	11.0	8.1	9.5
8	22.4	19.7	20.9	9.8	8.1	9.1	7.7	5.9	6.9	12.2	9.7	10.9
9	22.1	20.1	21.0	9.8	8.1	8.9	8.7	7.2	7.8	13.3	11.4	12.3
10	21.1	19.9	20.5	10.1	9.5	9.8	10.9	8.7	9.8	11.4	8.7	9.8
11	19.9	16.8	18.5	10.1	8.4	9.4	10.9	10.1	10.5	12.9	9.8	11.4
12	17.6	15.4	16.3	11.1	9.7	10.3	12.9	10.9	11.8	12.3	9.6	10.9
13	16.0	13.7	14.8	12.5	11.1	11.7	11.9	9.1	10.1	9.6	7.8	8.8
14	15.8	13.2	14.5	13.1	10.6	11.8	9.6	8.3	9.0	9.0	7.9	8.7
15	16.0	13.1	14.6	13.1	11.1	12.5	8.3	6.8	7.5	7.9	5.8	6.6
16	16.8	14.0	15.4	11.1	9.3	10.0	9.4	7.7	8.8	6.8	4.6	5.7
17	18.0	15.2	16.5	9.7	8.1	9.0	7.7	5.5	6.3	6.4	5.5	5.8
18	18.3	16.1	17.3	10.9	9.0	10	6.1	4.3	5.3	8.6	6.4	7.5
19	19.7	18.0	18.8	11.6	10.9	11.2	7.4	5.5	6.4	7.5	6.8	7.2
20	19.5	17.0	18.4	11.8	10.5	11.1	7.4	6.0	6.8	7.0	3.5	5.6
21	17.7	15.1	16.4	13.3	11.2	12.3	7.9	6.0	6.9	4.0	2.1	3.1
22	18.0	15.1	16.5	14.6	12.4	13.5	9.2	7.4	8.3	5.6	2.5	3.8
23	19.4	17.0	18.1	13.3	8.7	10.6	12.7	9.2	10.8	7.1	5.5	6.2
24	18.9	18.1	18.6	8.7	6.8	7.7	12.5	9.2	10.4	5.7	3.8	5.1
25	18.1	16.2	16.9	9.1	7.3	8.2	9.2	8.0	8.7	4.6	2.6	3.7
26	16.9	16.0	16.3	12.6	9.1	10.5	8.1	7.1	7.4	5.5	2.9	4.1
27	18.2	16.7	17.5	13.4	10.9	12.6	9.0	7.3	8.1	6.8	5.1	5.9
28	16.7	13.6	15.2	10.9	8.6	9.5	9.1	6.9	8.1	6.6	4.2	5.4
29	13.6	11.5	12.5	9.3	7.5	8.5	11.3	9.1	10.5	7.6	4.8	6.1
30	12.9	10.3	11.8	8.7	7.2	7.9	10.5	8.7	9.1	9.7	7.3	8.4
31	13.3	10.5	12.1	---	---	---	8.9	7.7	8.5	7.3	5.1	6.3
Month	22.5	10.3	17.3	14.6	6.8	10.6	12.9	3.0	8.0	13.3	1.9	6.8

01487000 NANTICOKE RIVER NEAR BRIDGEVILLE, DE—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

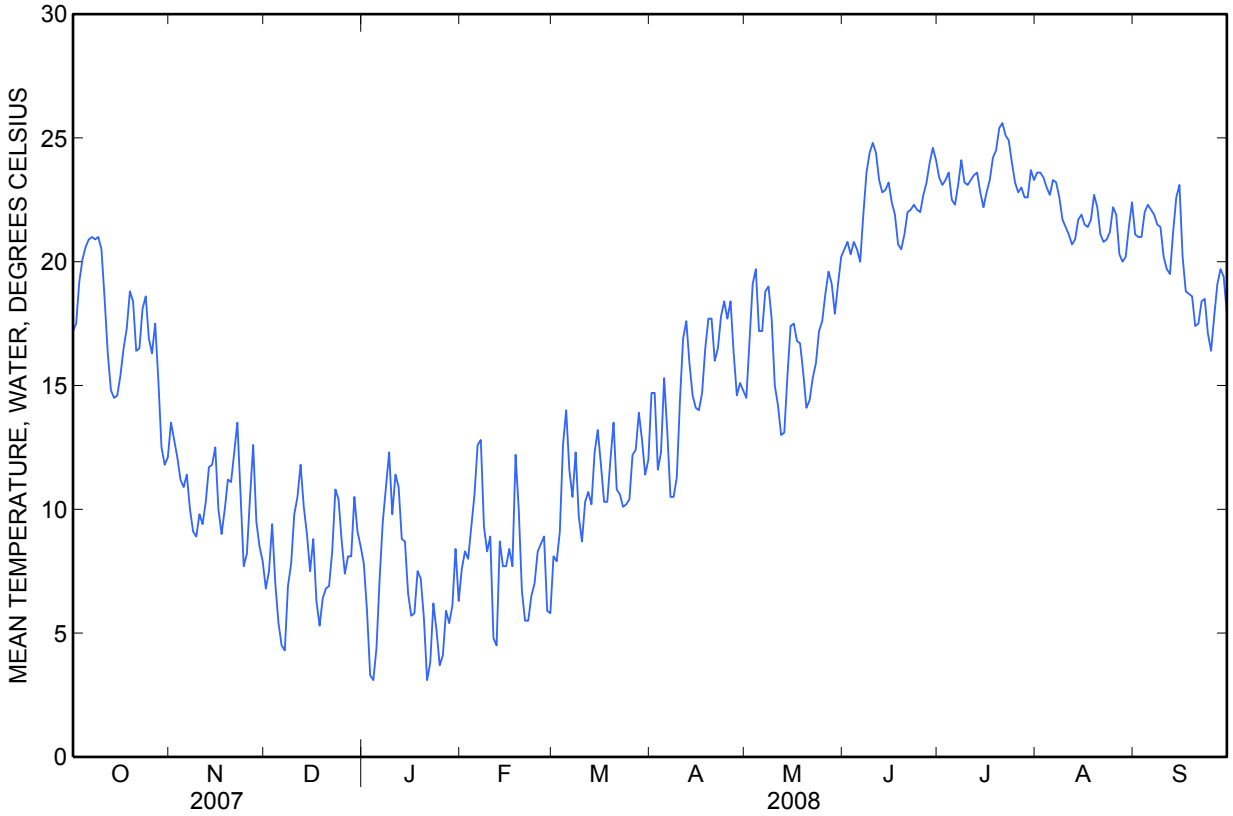
Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	9.4	6.1	7.6	9.7	7.1	8.1	16.9	12.9	14.7	15.9	13.0	14.5
2	9.2	7.3	8.3	9.7	5.9	7.9	16.3	12.8	14.7	20.3	13.8	16.8
3	9.3	6.7	8.0	11.7	6.7	9.1	13.5	10.4	11.6	21.5	16.6	19.1
4	10.4	8.1	9.3	14.7	10.8	12.6	14.3	10.8	12.3	21.6	17.9	19.7
5	11.8	9.4	10.6	15.2	12.5	14.0	17.2	13.8	15.3	19.4	15.8	17.2
6	14.1	11.1	12.6	13.1	9.7	11.6	15.5	11.3	13.1	19.6	14.7	17.2
7	13.8	10.7	12.8	11.8	9.7	10.5	11.3	10.2	10.5	21.6	16.0	18.8
8	10.7	8.4	9.3	13.3	11.5	12.3	11.4	9.8	10.5	20.3	18.0	19.0
9	9.6	7.0	8.3	12.0	8.3	9.7	12.3	10.4	11.3	19.1	16.0	17.7
10	10.2	6.6	8.9	10.0	6.9	8.7	17.8	11.7	14.4	16.0	14.3	15.0
11	6.6	3.5	4.8	11.8	8.8	10.3	19.1	14.8	16.9	15.2	13.0	14.2
12	5.8	3.7	4.5	12.2	9.3	10.7	18.5	16.5	17.6	14.3	12.0	13.0
13	10.2	5.8	8.7	12.0	8.0	10.2	17.4	14.4	15.9	15.2	11.4	13.1
14	9.0	6.5	7.7	14.3	10.2	12.3	17.0	12.3	14.6	16.8	14.0	15.4
15	9.7	5.9	7.7	14.6	11.7	13.2	16.7	11.5	14.1	18.8	16.1	17.4
16	9.2	7.3	8.4	13.5	10.4	11.8	17.0	10.9	14.0	18.4	16.4	17.5
17	9.9	6.0	7.7	12.1	8.2	10.3	17.9	11.3	14.7	18.7	14.8	16.8
18	13.9	9.9	12.2	11.0	9.5	10.3	19.8	13.1	16.5	17.9	15.6	16.7
19	12.2	8.2	10.0	13.8	10.3	12.0	20.4	14.8	17.7	16.7	14.3	15.5
20	8.2	5.9	6.7	14.8	11.7	13.5	19.4	15.7	17.7	15.6	13.5	14.1
21	6.9	3.9	5.5	12.6	8.7	10.8	18.0	14.8	16.0	16.1	12.8	14.4
22	6.1	5.0	5.5	11.8	9.2	10.6	19.5	14.0	16.5	16.4	14.0	15.3
23	7.2	5.9	6.5	12.2	7.7	10.1	19.9	15.8	17.8	18.4	13.5	15.9
24	8.7	5.3	7.0	12.2	8.0	10.2	20.9	15.9	18.4	19.0	15.3	17.2
25	9.6	7.4	8.3	12.6	8.0	10.4	19.4	15.6	17.7	20.1	15.0	17.6
26	9.9	7.5	8.6	14.8	9.6	12.2	21.0	16.0	18.4	21.3	15.8	18.7
27	9.9	7.1	8.9	13.6	11.2	12.4	19.3	14.7	16.3	21.0	18.1	19.6
28	7.1	4.5	5.9	16.9	11.5	13.9	15.5	13.7	14.6	20.4	17.5	19.1
29	7.7	3.9	5.8	14.7	10.9	12.8	16.3	14.1	15.1	20.4	15.2	17.9
30	---	---	---	13.3	9.0	11.4	16.9	12.6	14.8	21.9	16.2	19.1
31	---	---	---	13.1	10.8	12.0	---	---	---	21.7	18.4	20.2
Month	14.1	3.5	8.1	16.9	5.9	11.2	21.0	9.8	15.1	21.9	11.4	16.9

01487000 NANTICOKE RIVER NEAR BRIDGEVILLE, DE—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	21.8	18.8	20.5	24.7	22.0	23.4	25.9	21.5	23.6	23.9	18.9	21.1
2	22.4	18.9	20.8	24.6	21.6	23.1	25.4	22.1	23.6	24.0	18.5	21.0
3	22.1	18.2	20.3	25.1	21.6	23.3	25.6	21.7	23.4	23.2	19.2	21.0
4	22.7	18.7	20.8	25.1	22.4	23.6	25.4	21.0	23.0	24.7	19.8	22.0
5	21.3	19.9	20.5	23.0	22.2	22.5	24.3	21.1	22.7	24.7	20.2	22.3
6	20.9	19.0	20.0	23.1	21.6	22.3	25.8	21.3	23.3	22.7	21.7	22.1
7	24.2	19.7	21.9	24.8	21.5	23.1	25.3	21.3	23.2	24.1	20.4	21.9
8	25.4	21.7	23.6	25.4	22.8	24.1	24.8	20.9	22.6	23.8	19.5	21.5
9	26.3	22.0	24.4	24.2	22.4	23.2	23.9	19.7	21.7	22.4	20.3	21.4
10	26.7	22.5	24.8	24.6	21.7	23.1	23.7	19.3	21.4	21.3	19.3	20.2
11	25.7	22.5	24.4	25.0	21.6	23.3	23.1	19.5	21.1	21.3	18.2	19.7
12	25.0	20.9	23.3	25.1	22.0	23.5	23.7	18.2	20.7	20.6	18.3	19.5
13	24.5	20.6	22.8	25.4	21.9	23.6	22.7	19.0	20.9	23.4	19.4	21.2
14	24.7	20.8	22.9	23.8	21.5	22.8	24.5	19.4	21.7	24.9	20.7	22.6
15	24.3	21.7	23.2	24.1	20.4	22.2	24.0	20.3	21.9	25.2	21.8	23.1
16	23.9	20.7	22.4	24.9	21.0	22.8	24.3	19.4	21.5	21.8	18.9	20.2
17	23.3	20.1	21.9	25.5	21.2	23.3	24.1	19.2	21.4	20.7	17.2	18.8
18	22.1	19.0	20.7	26.5	22.3	24.2	24.2	19.4	21.7	21.2	16.5	18.7
19	22.0	18.5	20.5	27.1	22.4	24.5	25.5	20.4	22.7	19.8	17.6	18.6
20	22.8	19.0	21.1	27.7	23.5	25.4	24.8	20.2	22.2	18.9	15.9	17.4
21	23.3	20.3	22.0	27.9	23.9	25.6	24.0	18.8	21.1	19.6	15.7	17.5
22	23.2	20.6	22.1	26.8	23.7	25.1	23.6	18.5	20.8	20.6	16.5	18.4
23	23.0	21.2	22.3	26.9	23.3	24.9	23.1	19.0	20.9	20.2	17.3	18.5
24	23.4	20.5	22.1	25.8	22.4	24.0	23.6	19.1	21.2	19.0	15.7	17.1
25	23.0	20.4	22.0	25.1	21.5	23.2	24.7	20.1	22.2	16.9	15.9	16.4
26	23.7	21.3	22.7	24.6	21.1	22.8	23.7	20.5	21.9	19.0	16.8	17.8
27	24.4	22.1	23.2	24.9	21.5	23.0	22.4	18.2	20.3	19.5	18.6	19.1
28	25.4	22.3	24.0	24.1	21.4	22.6	20.5	19.4	20.0	20.7	18.9	19.7
29	25.7	23.5	24.6	24.5	21.0	22.6	21.1	19.2	20.2	20.2	18.5	19.4
30	25.1	23.2	24.1	25.5	22.1	23.7	23.0	20.1	21.4	18.7	16.7	17.9
31	---	---	---	24.2	22.5	23.3	25.0	20.9	22.4	---	---	---
Month	26.7	18.2	22.3	27.9	20.4	23.5	25.9	18.2	21.8	25.2	15.7	19.9
Year	27.9	1.9	15.1									

01487000 NANTICOKE RIVER NEAR BRIDGEVILLE, DE—Continued



01487000 NANTICOKE RIVER NEAR BRIDGEVILLE, DE—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
		October			November			December			January	
1	6.9	6.6	6.6	6.7	6.5	6.6	7.0	6.9	6.9	6.9	6.8	6.8
2	6.8	6.5	6.6	6.7	6.5	6.6	6.9	6.8	6.9	7.0	6.8	6.9
3	6.8	6.5	6.6	6.7	6.5	6.6	6.9	6.8	6.8	7.0	7.0	7.0
4	6.7	6.5	6.6	6.8	6.6	6.7	7.0	6.9	7.0	7.0	6.9	7.0
5	6.7	6.5	6.6	6.8	6.6	6.7	7.0	6.9	6.9	7.0	6.8	6.9
6	6.7	6.5	6.6	6.7	6.5	6.6	7.0	6.9	6.9	6.8	6.8	6.8
7	6.7	6.5	6.6	6.8	6.5	6.7	6.9	6.8	6.9	6.8	6.5	6.6
8	6.7	6.5	6.6	6.8	6.6	6.7	6.9	6.8	6.8	6.6	6.5	6.5
9	6.7	6.5	6.6	6.8	6.6	6.7	6.8	6.7	6.8	6.6	6.5	6.5
10	6.6	6.5	6.6	6.7	6.5	6.6	6.8	6.6	6.7	6.7	6.5	6.6
11	6.6	6.5	6.6	6.8	6.5	6.7	6.8	6.6	6.7	6.7	6.5	6.6
12	6.7	6.6	6.6	6.7	6.5	6.6	6.8	6.6	6.7	6.7	6.5	6.6
13	6.7	6.6	6.6	6.7	6.5	6.6	6.8	6.6	6.7	6.8	6.6	6.8
14	6.7	6.6	6.6	6.7	6.5	6.6	6.9	6.7	6.8	6.8	6.7	6.8
15	6.7	6.5	6.6	6.7	6.4	6.6	6.9	6.8	6.8	6.9	6.8	6.9
16	6.7	6.5	6.6	6.8	6.5	6.7	6.8	6.7	6.8	7.0	6.9	6.9
17	6.7	6.5	6.6	6.8	6.4	6.7	6.9	6.8	6.8	6.9	6.9	6.9
18	6.7	6.5	6.6	6.7	6.4	6.6	6.9	6.8	6.9	6.9	6.8	6.8
19	6.6	6.5	6.5	6.7	6.4	6.6	6.9	6.8	6.8	6.9	6.8	6.9
20	6.7	6.5	6.6	6.7	6.5	6.7	6.9	6.8	6.8	7.0	6.8	6.9
21	6.7	6.6	6.6	6.7	6.6	6.7	6.8	6.7	6.8	7.0	7.0	7.0
22	6.7	6.5	6.6	6.7	6.6	6.7	6.8	6.7	6.7	7.0	6.9	7.0
23	6.7	6.5	6.6	6.8	6.7	6.8	6.7	6.6	6.7	6.9	6.9	6.9
24	6.6	6.5	6.6	6.9	6.8	6.8	6.8	6.6	6.7	7.0	6.9	6.9
25	6.6	6.5	6.6	6.9	6.8	6.8	6.9	6.7	6.8	7.0	6.9	7.0
26	6.6	6.5	6.6	6.8	6.6	6.7	6.9	6.8	6.8	7.0	6.9	7.0
27	6.6	6.5	6.6	6.8	6.6	6.7	6.8	6.7	6.8	6.9	6.9	6.9
28	6.7	6.5	6.6	6.9	6.7	6.8	6.9	6.7	6.8	7.0	6.9	6.9
29	6.7	6.5	6.6	6.9	6.8	6.9	6.8	6.6	6.7	6.9	6.8	6.9
30	6.7	6.5	6.6	7.0	6.8	6.9	6.8	6.6	6.7	6.9	6.8	6.8
31	6.7	6.5	6.6	---	---	---	6.9	6.7	6.8	6.9	6.9	6.9
Max	6.9	6.6	6.6	7.0	6.8	6.9	7.0	6.9	7.0	7.0	7.0	7.0
Min	6.6	6.5	6.5	6.7	6.4	6.6	6.7	6.6	6.7	6.6	6.5	6.5

01487000 NANTICOKE RIVER NEAR BRIDGEVILLE, DE—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

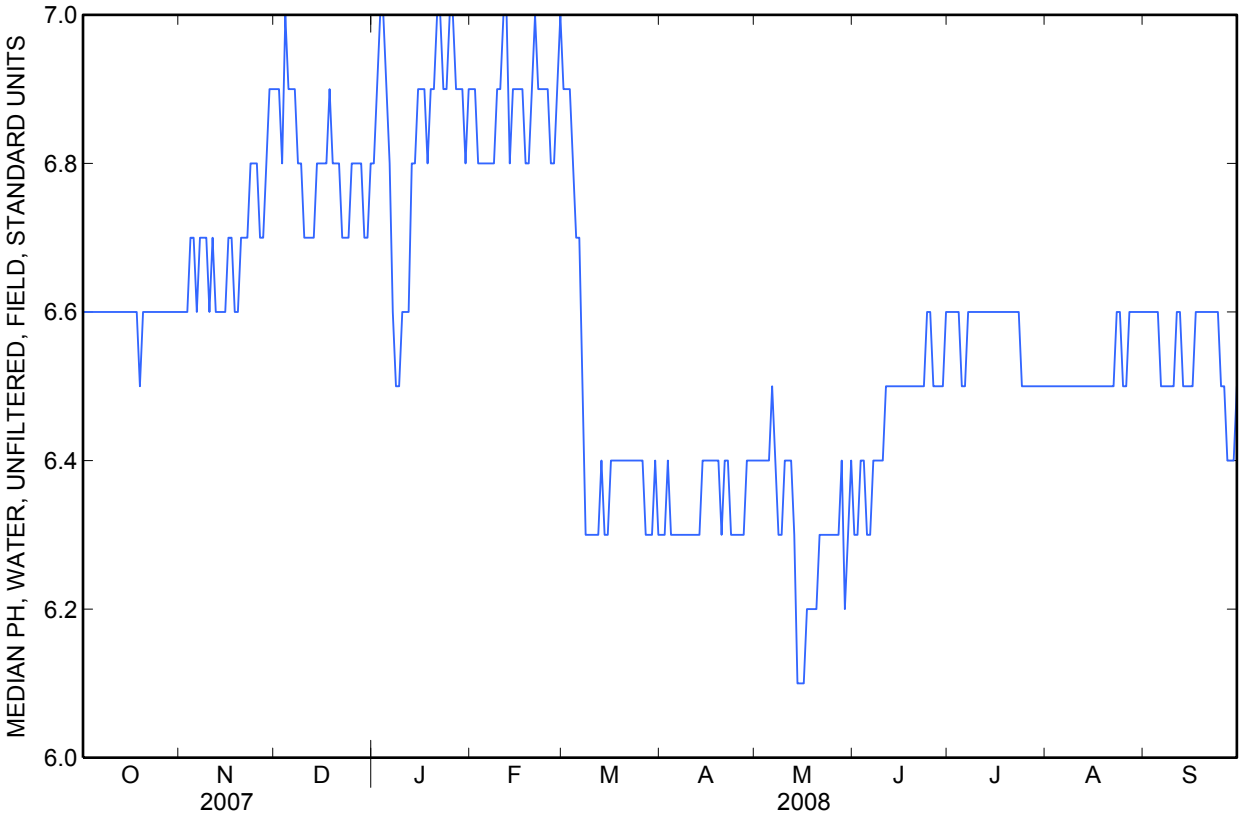
Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
		February			March			April			May	
1	6.9	6.8	6.9	6.9	6.9	6.9	6.4	6.2	6.3	6.5	6.4	6.4
2	6.9	6.8	6.9	6.9	6.9	6.9	6.6	6.2	6.3	6.6	6.4	6.4
3	6.9	6.8	6.8	6.9	6.8	6.9	6.5	6.3	6.4	6.5	6.3	6.4
4	6.9	6.8	6.8	6.9	6.7	6.8	6.4	6.3	6.3	6.5	6.3	6.4
5	6.8	6.8	6.8	6.8	6.7	6.7	6.5	6.2	6.3	6.6	6.4	6.4
6	6.8	6.7	6.8	6.8	6.5	6.7	6.4	6.2	6.3	6.6	6.4	6.5
7	6.8	6.7	6.8	6.6	6.5	6.5	6.4	6.3	6.3	6.6	6.3	6.4
8	6.9	6.8	6.8	6.6	6.3	6.3	6.4	6.3	6.3	6.4	6.3	6.3
9	6.9	6.8	6.9	6.3	6.3	6.3	6.4	6.3	6.3	6.4	6.3	6.3
10	6.9	6.8	6.9	6.3	6.3	6.3	6.5	6.2	6.3	6.5	6.3	6.4
11	7.0	6.9	7.0	6.3	6.3	6.3	6.5	6.2	6.3	6.5	6.4	6.4
12	7.0	6.9	7.0	6.4	6.3	6.3	6.4	6.2	6.3	6.5	6.4	6.4
13	6.9	6.8	6.8	6.4	6.3	6.4	6.5	6.2	6.3	6.4	6.1	6.3
14	6.9	6.8	6.9	6.4	6.3	6.3	6.6	6.3	6.4	6.2	6.1	6.1
15	6.9	6.8	6.9	6.4	6.3	6.3	6.6	6.3	6.4	6.2	6.1	6.1
16	6.9	6.8	6.9	6.4	6.3	6.4	6.6	6.3	6.4	6.2	6.1	6.1
17	6.9	6.8	6.9	6.5	6.3	6.4	6.6	6.3	6.4	6.2	6.2	6.2
18	6.8	6.7	6.8	6.5	6.3	6.4	6.6	6.3	6.4	6.2	6.1	6.2
19	6.9	6.7	6.8	6.4	6.3	6.4	6.6	6.3	6.4	6.3	6.2	6.2
20	7.0	6.9	6.9	6.5	6.3	6.4	6.5	6.3	6.3	6.3	6.2	6.2
21	7.0	6.9	7.0	6.5	6.4	6.4	6.4	6.3	6.4	6.3	6.3	6.3
22	7.0	6.9	6.9	6.5	6.4	6.4	6.5	6.3	6.4	6.3	6.3	6.3
23	6.9	6.9	6.9	6.5	6.4	6.4	6.5	6.3	6.3	6.4	6.3	6.3
24	6.9	6.9	6.9	6.5	6.4	6.4	6.4	6.3	6.3	6.3	6.2	6.3
25	6.9	6.8	6.9	6.6	6.4	6.4	6.5	6.3	6.3	6.4	6.3	6.3
26	6.9	6.8	6.8	6.6	6.4	6.4	6.5	6.3	6.3	6.4	6.2	6.3
27	6.9	6.8	6.8	6.4	6.2	6.3	6.4	6.3	6.3	6.4	6.2	6.3
28	7.0	6.9	6.9	6.5	6.2	6.3	6.4	6.3	6.4	6.7	6.2	6.4
29	7.0	6.9	7.0	6.5	6.3	6.3	6.4	6.4	6.4	6.4	6.0	6.2
30	---	---	---	6.5	6.3	6.4	6.4	6.4	6.4	6.4	6.2	6.3
31	---	---	---	6.4	6.3	6.3	---	---	---	6.5	6.1	6.4
Max	7.0	6.9	7.0	6.9	6.9	6.9	6.6	6.4	6.4	6.7	6.4	6.5
Min	6.8	6.7	6.8	6.3	6.2	6.3	6.4	6.2	6.3	6.2	6.0	6.1

01487000 NANTICOKE RIVER NEAR BRIDGEVILLE, DE—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
		June			July			August			September	
1	6.4	6.3	6.3	6.9	6.5	6.6	6.7	6.5	6.5	6.7	6.6	6.6
2	6.4	6.3	6.3	6.9	6.5	6.6	6.6	6.5	6.5	6.7	6.6	6.6
3	6.5	6.3	6.4	6.9	6.5	6.6	6.7	6.5	6.5	6.7	6.6	6.6
4	6.5	6.3	6.4	6.9	6.5	6.6	6.7	6.5	6.5	6.7	6.5	6.6
5	6.4	6.3	6.3	6.7	6.4	6.5	6.6	6.5	6.5	6.7	6.5	6.6
6	6.4	6.3	6.3	6.7	6.4	6.5	6.6	6.4	6.5	6.6	6.5	6.5
7	6.4	6.3	6.4	6.8	6.5	6.6	6.6	6.4	6.5	6.6	6.4	6.5
8	6.5	6.3	6.4	6.8	6.5	6.6	6.6	6.5	6.5	6.6	6.5	6.5
9	6.6	6.3	6.4	6.7	6.5	6.6	6.6	6.5	6.5	6.6	6.4	6.5
10	6.6	6.4	6.4	6.8	6.5	6.6	6.6	6.5	6.5	6.6	6.4	6.5
11	6.7	6.4	6.5	6.8	6.5	6.6	6.6	6.5	6.5	6.7	6.5	6.6
12	6.7	6.4	6.5	6.8	6.5	6.6	6.6	6.5	6.5	6.7	6.5	6.6
13	6.7	6.4	6.5	6.8	6.5	6.6	6.6	6.5	6.5	6.6	6.5	6.5
14	6.7	6.4	6.5	6.7	6.5	6.6	6.6	6.4	6.5	6.6	6.5	6.5
15	6.7	6.4	6.5	6.8	6.5	6.6	6.6	6.5	6.5	6.6	6.4	6.5
16	6.7	6.4	6.5	6.8	6.5	6.6	6.6	6.5	6.5	6.6	6.5	6.5
17	6.7	6.4	6.5	6.8	6.5	6.6	6.6	6.5	6.5	6.7	6.5	6.6
18	6.7	6.5	6.5	6.8	6.5	6.6	6.6	6.5	6.5	6.7	6.5	6.6
19	6.8	6.4	6.5	6.8	6.5	6.6	6.6	6.4	6.5	6.7	6.5	6.6
20	6.8	6.4	6.5	6.8	6.5	6.6	6.7	6.5	6.5	6.7	6.6	6.6
21	6.8	6.4	6.5	6.8	6.5	6.6	6.6	6.5	6.5	6.7	6.5	6.6
22	6.8	6.4	6.5	6.7	6.5	6.6	6.6	6.5	6.5	6.7	6.5	6.6
23	6.8	6.4	6.5	6.8	6.5	6.6	6.7	6.5	6.6	6.7	6.5	6.6
24	6.8	6.4	6.6	6.6	6.4	6.5	6.7	6.5	6.6	6.7	6.5	6.6
25	6.8	6.4	6.6	6.6	6.4	6.5	6.7	6.5	6.5	6.6	6.5	6.5
26	6.8	6.4	6.5	6.6	6.4	6.5	6.8	6.4	6.5	6.5	6.4	6.5
27	6.8	6.4	6.5	6.6	6.4	6.5	6.8	6.6	6.6	6.4	6.4	6.4
28	6.8	6.4	6.5	6.7	6.5	6.5	6.8	6.6	6.6	6.5	6.3	6.4
29	6.8	6.4	6.5	6.7	6.5	6.5	6.7	6.6	6.6	6.5	6.4	6.4
30	6.8	6.4	6.6	6.6	6.4	6.5	6.7	6.5	6.6	6.5	6.4	6.5
31	---	---	---	6.6	6.4	6.5	6.7	6.5	6.6	---	---	---
Max	6.8	6.5	6.6	6.9	6.5	6.6	6.8	6.6	6.6	6.7	6.6	6.6
Min	6.4	6.3	6.3	6.6	6.4	6.5	6.6	6.4	6.5	6.4	6.3	6.4
Year	7.0	6.0										

01487000 NANTICOKE RIVER NEAR BRIDGEVILLE, DE—Continued



01487000 NANTICOKE RIVER NEAR BRIDGEVILLE, DE—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	11.4	7.3	8.7	10.3	8.3	9.0	12.0	9.6	10.5	11.5	9.6	10.2
2	11.3	7.2	8.7	10.4	8.1	9.1	11.6	9.3	10.3	12.0	9.6	10.7
3	10.3	6.7	8.1	10.2	8.2	9.1	10.7	8.4	9.4	13.0	10.9	11.8
4	9.6	6.2	7.5	10.8	8.7	9.5	11.7	9.1	10.1	13.2	11.4	12.1
5	9.5	6.2	7.4	11.0	8.8	9.6	11.7	9.7	10.6	13.0	10.8	11.7
6	9.3	6.0	7.3	10.0	8.5	9.1	12.5	10.2	11.1	12.2	9.9	10.8
7	9.0	6.1	7.2	11.1	8.8	9.7	12.6	10.5	11.4	12.1	9.5	10.4
8	9.1	6.0	7.1	11.6	9.3	10.2	11.7	9.8	10.5	12.0	9.0	10.0
9	8.8	5.8	7.0	11.5	9.5	10.3	11.0	9.2	10	11.3	8.5	9.5
10	8.0	5.4	6.6	10.9	9.2	9.9	11.7	8.7	9.8	12.2	8.8	10.1
11	8.2	5.8	6.9	11.5	9.3	10.1	10.8	8.3	9.2	10.8	8.6	9.5
12	9.2	6.8	7.8	11.0	9.1	9.9	11.4	8.1	9.3	12.0	8.4	9.8
13	9.8	7.4	8.4	10.5	8.7	9.3	9.5	8.0	8.7	12.4	9.3	10.4
14	10.0	7.8	8.7	10.8	8.3	9.3	11.5	8.7	9.8	11.3	9.2	10.0
15	10.1	7.8	8.7	9.2	7.9	8.4	12.2	9.3	10.4	12.8	9.7	11.0
16	10.3	7.6	8.7	10.6	8.0	9.2	9.7	9.0	9.3	13.2	10.6	11.6
17	9.9	7.4	8.3	11.3	9.0	9.9	11.7	9.1	10.3	11.8	10.5	11.0
18	9.5	7.0	8.0	10.9	8.8	9.6	12.3	10.2	11.0	11.9	10.0	10.7
19	8.3	6.4	7.1	9.9	8.4	9.0	12.0	9.9	10.7	11.9	9.9	10.6
20	8.9	5.9	7.2	10.3	8.2	9.0	12.2	9.7	10.6	12.5	10.1	11.2
21	9.4	6.9	7.8	10.4	7.9	8.8	12.2	9.9	10.7	13.4	11.4	12.3
22	9.6	7.1	8.0	10.0	7.5	8.4	12.1	9.5	10.4	12.9	10.9	12.0
23	9.4	6.7	7.7	10.4	7.4	8.8	10.7	8.0	9.4	12.6	10.5	11.2
24	7.7	6.2	6.8	11.4	8.8	10	11.0	7.7	9.1	12.0	10.5	11.1
25	7.9	6.2	7.0	11.4	9.3	10.1	12.1	8.9	10.1	13.1	11.2	12.0
26	7.9	7.0	7.4	10.2	8.1	9.1	11.0	9.5	10.0	13.0	11.1	12.0
27	8.1	6.5	7.1	10.0	7.4	8.5	11.9	9.4	10.2	12.5	10.7	11.4
28	9.2	7.1	8.0	11.1	8.1	9.4	12.4	9.4	10.5	12.6	10.7	11.4
29	10.0	8.0	8.8	11.2	9.0	9.8	10.4	8.7	9.3	12.3	10.3	11.2
30	10.4	8.6	9.2	11.6	9.0	10.1	10.8	8.7	9.6	11.7	9.7	10.4
31	10.4	8.5	9.3	---	---	---	11.1	9.0	9.9	12.6	10.0	11.1
Month	11.4	5.4	7.8	11.6	7.4	9.4	12.6	7.7	10.1	13.4	8.4	10.9

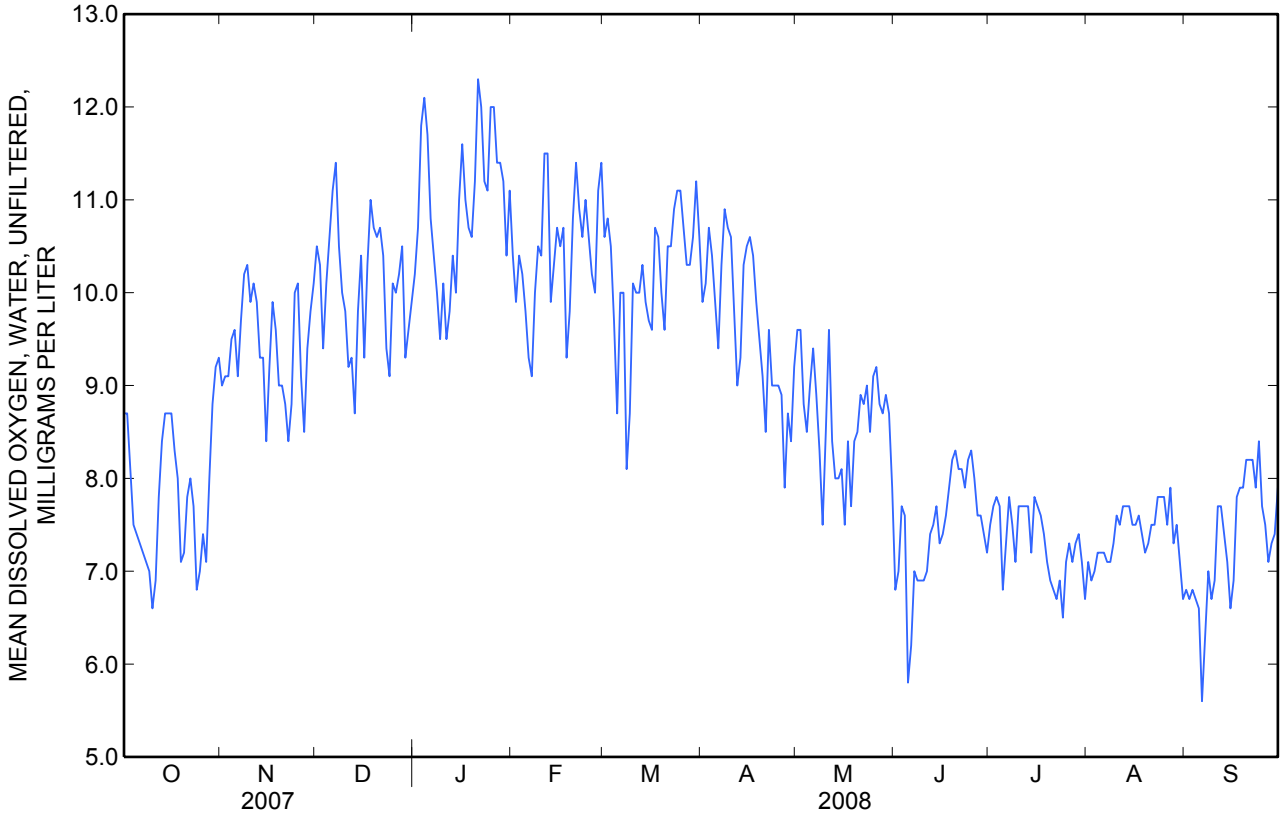
01487000 NANTICOKE RIVER NEAR BRIDGEVILLE, DE—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	11.2	9.3	10.4	12.2	9.7	10.6	12.0	8.4	9.9	11.3	8.3	9.6
2	11.1	9.2	9.9	12.5	9.7	10.8	13.2	8.0	10.1	11.6	7.6	9.6
3	11.7	9.6	10.4	12.3	9.0	10.5	13.0	8.9	10.7	11.2	7.3	8.8
4	11.6	9.4	10.2	11.7	8.2	9.7	12.5	9.0	10.4	10.8	7.0	8.5
5	11.1	9.0	9.8	10.6	7.4	8.7	12.6	8.0	9.9	11.2	7.1	9.0
6	10.8	8.2	9.3	12.9	8.0	10.0	11.0	8.0	9.4	11.6	7.8	9.4
7	10.9	7.8	9.1	11.4	9.1	10.0	11.7	9.2	10.3	11.3	7.3	8.9
8	11.7	8.8	10.0	9.2	7.6	8.1	12.4	9.6	10.9	10.2	6.8	8.3
9	12.0	9.7	10.5	9.8	7.6	8.7	12.4	9.4	10.7	7.8	7.1	7.5
10	11.9	9.4	10.4	11.0	9.2	10.1	13.1	8.6	10.6	10.0	7.3	8.5
11	12.8	10.2	11.5	10.9	9.4	10.0	12.6	7.9	9.8	11.2	8.5	9.6
12	12.4	10.7	11.5	11.1	9.2	10	11.0	7.3	9.0	8.9	8.0	8.4
13	10.7	9.2	9.9	11.6	9.4	10.3	11.9	7.5	9.3	8.5	7.4	8.0
14	11.6	9.1	10.3	11.3	8.8	9.9	13.2	8.3	10.3	9.1	7.0	8.0
15	12.2	9.8	10.7	11.3	8.6	9.7	13.3	8.6	10.5	9.3	7.0	8.1
16	12.0	9.4	10.5	10.9	8.6	9.6	13.5	8.9	10.6	8.1	6.9	7.5
17	12.3	9.6	10.7	12.4	9.6	10.7	13.5	8.3	10.4	9.8	7.3	8.4
18	10.7	8.4	9.3	12.1	9.5	10.6	13.0	7.8	9.9	8.2	6.8	7.7
19	11.6	8.3	9.8	11.3	8.7	10.0	12.7	7.5	9.5	9.7	7.4	8.4
20	12.2	9.6	10.8	11.5	8.1	9.6	11.9	7.2	9.1	9.0	8.0	8.5
21	12.9	10.5	11.4	12.4	9.2	10.5	10.0	7.2	8.5	9.8	8.3	8.9
22	11.6	10.4	10.9	12.3	9.3	10.5	12.3	7.8	9.6	9.9	7.9	8.8
23	11.4	10.0	10.6	12.8	9.6	10.9	11.5	7.2	9.0	10.3	8.0	9.0
24	12.5	10.1	11.0	13.1	9.7	11.1	11.9	7.1	9.0	10.0	7.6	8.5
25	12.2	9.6	10.6	13.1	9.6	11.1	11.8	6.9	9.0	10.9	7.9	9.1
26	11.7	9.1	10.2	12.9	9.0	10.7	11.5	7.2	8.9	11.2	7.9	9.2
27	11.5	8.7	10	12.5	8.5	10.3	9.3	6.6	7.9	10.7	7.4	8.8
28	12.6	9.9	11.1	12.8	8.7	10.3	10.2	7.6	8.7	10.4	7.4	8.7
29	12.9	10.4	11.4	13.4	8.3	10.6	9.9	7.5	8.4	10.9	7.6	8.9
30	---	---	---	13.7	9.4	11.2	10.8	8.0	9.2	10.9	7.3	8.7
31	---	---	---	12.4	9.3	10.6	---	---	---	10.6	6.0	7.9
Month	12.9	7.8	10.4	13.7	7.4	10.2	13.5	6.6	9.7	11.6	6.0	8.6

01487000 NANTICOKE RIVER NEAR BRIDGEVILLE, DE—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	7.8	6.0	6.8	10.1	5.5	7.5	9.2	5.9	7.1	9.2	5.5	6.8
2	8.9	5.8	7.0	10.4	5.8	7.7	9.0	5.5	6.9	9.4	5.3	6.7
3	9.7	6.4	7.7	10.5	5.9	7.8	9.0	5.9	7.0	9.3	5.4	6.8
4	9.6	6.4	7.6	10.3	5.7	7.7	9.2	6.1	7.2	9.2	5.2	6.7
5	6.4	5.3	5.8	8.8	5.2	6.8	9.0	6.0	7.2	9.2	4.9	6.6
6	7.5	5.1	6.2	9.1	5.8	7.3	9.1	6.0	7.2	6.7	4.9	5.6
7	8.6	6.0	7.0	10.3	6.0	7.8	9.1	5.8	7.1	8.2	4.9	6.3
8	8.6	5.8	6.9	9.8	5.6	7.5	9.0	6.0	7.1	8.7	5.9	7.0
9	8.6	5.8	6.9	9.0	5.6	7.1	9.2	6.1	7.3	8.2	5.7	6.7
10	8.7	5.7	6.9	10.2	5.7	7.7	9.4	6.4	7.6	8.5	5.7	6.9
11	9.0	5.7	7.0	10.3	5.9	7.7	9.2	6.3	7.5	9.4	6.6	7.7
12	9.4	6.1	7.4	10.3	5.8	7.7	9.8	6.4	7.7	9.4	6.7	7.7
13	9.5	6.2	7.5	10.2	6.0	7.7	9.5	6.5	7.7	9.4	6.2	7.4
14	9.9	6.3	7.7	8.8	5.8	7.2	9.8	6.5	7.7	9.4	5.8	7.1
15	9.3	6.0	7.3	9.9	6.4	7.8	9.5	6.2	7.5	9.0	5.3	6.6
16	9.6	6.0	7.4	10.0	6.2	7.7	9.8	5.9	7.5	9.1	5.2	6.9
17	9.7	6.2	7.6	9.8	6.1	7.6	9.9	6.2	7.6	10.1	6.4	7.8
18	10.1	6.5	7.9	9.6	5.8	7.4	9.9	5.9	7.4	10.2	6.6	7.9
19	10.7	6.6	8.2	9.4	5.6	7.1	9.8	5.6	7.2	10.1	6.3	7.9
20	10.8	6.6	8.3	9.1	5.5	6.9	10.1	5.5	7.3	10.3	6.9	8.2
21	10.8	6.4	8.1	9.1	5.3	6.8	10.2	6.0	7.5	10.6	6.9	8.2
22	10.8	6.2	8.1	8.5	5.2	6.7	10.2	5.8	7.5	10.7	6.8	8.2
23	10.5	6.1	7.9	8.9	5.6	6.9	10.4	6.0	7.8	10.8	6.4	7.9
24	11.0	6.3	8.2	8.1	4.8	6.5	10.4	6.2	7.8	10.6	6.8	8.4
25	11.1	6.3	8.3	9.1	5.7	7.1	10.5	5.7	7.8	8.6	7.0	7.7
26	10.6	6.1	8.0	9.3	5.9	7.3	10.7	5.1	7.5	9.2	6.5	7.5
27	10.6	5.7	7.6	9.3	5.9	7.1	10.7	6.2	7.9	7.8	6.5	7.1
28	10.8	5.4	7.6	9.5	5.7	7.3	9.4	5.8	7.3	9.0	6.2	7.3
29	10.2	5.3	7.4	9.4	5.5	7.4	9.5	6.0	7.5	8.9	6.4	7.4
30	9.7	5.4	7.2	9.2	5.8	7.1	9.2	5.8	7.1	9.4	6.8	7.9
31	---	---	---	8.5	5.3	6.7	8.9	5.4	6.7	---	---	---
Month	11.1	5.1	7.5	10.5	4.8	7.3	10.7	5.1	7.4	10.8	4.9	7.3
Year	13.7	4.8	8.9									

01487000 NANTICOKE RIVER NEAR BRIDGEVILLE, DE—Continued