

DELAWARE RIVER BASIN

01477050 DELAWARE RIVER AT CHESTER, PA

LOCATION.--Lat 39°50'33", long 75°21'28", Delaware County, Hydrologic Unit 02040202, in the pumping house of Kimberly-Clark Paper Company at Chester.

DRAINAGE AREA.--10,300 mi², approximately.

PERIOD OF RECORD.--December 1961 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1963 to current year.

pH: January 1968 to current year.

WATER TEMPERATURES: December 1961 to current year.

DISSOLVED OXYGEN: December 1961 to current year.

INSTRUMENTATION.--Water-quality monitor since December 1961. Probes interfaced with a data collection platform since the 1986 water year.

REMARKS.--Specific conductance and pH records rated fair. Water temperature records rated good. Dissolved oxygen records rated poor. Data collection discontinued during winter months. Other interruptions in the record were due to malfunctions of the instrumentation. Prior to April 1981 sampling site located at auxiliary tidal-gaging station at the end of Reynolds Aluminum Company pier, 0.5 mi downstream from Chester Creek in Chester (latitude 39°50'12", longitude 75°22'00").

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 5,900 microsiemens, Oct. 7, 1965; minimum, 103 microsiemens, June 2, 1984, Apr. 9, 1987.

pH: Maximum, 8.7, Sept. 13, 14, 1971, Oct. 16, 1979; minimum, 5.5, Dec. 10, 11, 1969.

WATER TEMPERATURE: Maximum, 33.0°C, July 21, 1977, Aug. 3, 1999; minimum, 0.0°C, many days during winters.

DISSOLVED OXYGEN: Maximum, 16.3 mg/L, Mar. 28, 1993; minimum, 0.0 mg/L, on many days.

SPECIFIC CONDUCTANCE, MICROSIEMENS PER CENTIMETER AT 25° CELSIUS, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	235	223	227	313	284	293	---	---	---	---	---	---
2	249	224	230	313	285	294	---	---	---	---	---	---
3	257	227	238	303	268	283	---	---	---	---	---	---
4	264	238	246	292	282	286	---	---	---	---	---	---
5	256	237	247	301	287	294	---	---	---	---	---	---
6	254	243	249	306	293	299	---	---	---	---	---	---
7	262	247	254	307	295	299	---	---	---	---	---	---
8	269	252	257	306	295	299	---	---	---	---	---	---
9	273	255	261	311	293	299	---	---	---	---	---	---
10	287	258	266	307	294	299	---	---	---	---	---	---
11	281	259	264	306	291	297	---	---	---	---	---	---
12	273	261	265	308	295	299	---	---	---	---	---	---
13	288	268	274	318	296	302	---	---	---	---	---	---
14	297	273	281	318	297	302	---	---	---	---	---	---
15	290	273	279	337	294	302	---	---	---	---	---	---
16	310	277	284	315	293	302	---	---	---	---	---	---
17	293	278	282	317	293	299	---	---	---	---	---	---
18	297	275	281	321	297	302	---	---	---	---	---	---
19	292	275	280	316	300	305	---	---	---	---	---	---
20	293	273	280	315	301	305	---	---	---	---	---	---
21	287	276	279	312	298	303	---	---	---	---	---	---
22	283	276	280	309	298	304	---	---	---	---	---	---
23	291	276	282	318	297	307	---	---	---	---	---	---
24	295	280	283	348	301	319	---	---	---	---	---	---
25	296	279	283	362	306	329	---	---	---	---	---	---
26	293	282	286	423	314	348	---	---	---	---	---	---
27	300	281	286	372	234	326	---	---	---	---	---	---
28	306	283	287	328	268	305	---	---	---	---	---	---
29	318	285	291	321	304	314	---	---	---	---	---	---
30	311	287	295	316	302	310	---	---	---	---	---	---
31	313	288	294	---	---	---	---	---	---	---	---	---
MONTH	318	223	271	423	234	304	---	---	---	---	---	---

DELAWARE RIVER BASIN

01477050 DELAWARE RIVER AT CHESTER, PA--Continued

SPECIFIC CONDUCTANCE, MICROSIEMENS PER CENTIMETER AT 25° CELSIUS, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	294	219	232	273	194	209
2	---	---	---	---	---	---	288	219	231	251	199	209
3	---	---	---	---	---	---	267	222	230	245	198	206
4	---	---	---	---	---	---	287	221	234	247	202	209
5	---	---	---	---	---	---	287	224	237	234	201	208
6	---	---	---	---	---	---	269	225	234	224	200	206
7	---	---	---	---	---	---	268	226	233	224	201	208
8	---	---	---	---	---	---	306	225	236	227	203	209
9	---	---	---	---	---	---	299	217	243	---	---	---
10	---	---	---	---	---	---	262	213	226	---	---	---
11	---	---	---	---	---	---	251	214	221	275	216	231
12	---	---	---	---	---	---	265	216	229	276	219	234
13	---	---	---	---	---	---	274	219	230	284	224	237
14	---	---	---	---	---	---	267	220	230	282	228	240
15	---	---	---	---	---	---	254	215	224	253	233	239
16	---	---	---	---	---	---	306	215	228	247	235	240
17	---	---	---	---	---	---	284	210	221	262	238	244
18	---	---	---	---	---	---	246	212	220	269	241	247
19	---	---	---	---	---	---	---	---	---	295	242	250
20	---	---	---	---	---	---	---	---	---	257	243	247
21	---	---	---	---	---	---	267	216	225	251	240	246
22	---	---	---	---	---	---	305	214	236	252	244	248
23	---	---	---	---	---	---	267	212	223	258	234	245
24	---	---	---	---	---	---	284	211	225	264	213	232
25	---	---	---	---	---	---	262	205	217	236	200	212
26	---	---	---	---	---	---	303	203	217	237	197	208
27	---	---	---	---	---	---	240	197	208	232	196	205
28	---	---	---	---	---	---	250	195	205	231	192	200
29	---	---	---	---	---	---	292	193	208	220	188	195
30	---	---	---	---	---	---	240	194	204	215	183	191
31	---	---	---	---	---	---	---	---	---	223	186	193
MONTH	---	---	---	---	---	---	306	193	225	295	183	222
	JUNE			JULY			AUGUST			SEPTEMBER		
1	216	183	189	223	213	216	286	267	272	289	267	273
2	208	180	186	222	213	216	280	268	272	297	271	277
3	210	179	184	229	214	217	278	267	271	302	267	277
4	233	180	187	226	216	219	289	268	272	283	265	273
5	213	182	187	227	219	221	284	266	272	288	268	274
6	223	183	190	226	220	221	287	257	267	285	274	280
7	230	186	194	231	221	226	274	257	263	293	277	282
8	227	187	194	232	225	228	269	241	251	287	277	282
9	227	186	194	232	225	228	270	242	249	292	278	283
10	226	184	192	238	227	231	288	242	249	301	282	286
11	214	185	192	247	228	232	270	242	249	296	282	287
12	222	185	195	250	227	233	263	221	247	299	286	294
13	239	192	204	254	229	238	250	237	246	302	295	299
14	212	200	205	268	235	242	251	239	247	306	296	301
15	216	205	210	255	237	244	250	240	245	305	283	297
16	216	199	207	254	242	247	245	239	242	295	285	292
17	229	183	197	254	242	246	252	240	244	301	291	297
18	222	178	187	254	240	246	251	246	248	311	299	306
19	220	175	185	261	246	249	257	247	250	318	306	310
20	199	178	183	264	249	252	260	251	255	313	287	304
21	210	183	188	266	249	254	262	241	253	303	288	298
22	230	186	195	263	251	255	260	242	246	310	294	301
23	209	187	193	273	251	259	267	243	251	313	300	306
24	225	191	202	269	257	262	268	246	253	323	304	308
25	237	199	206	270	257	261	274	247	253	312	304	307
26	244	198	206	265	252	259	273	250	257	305	216	278
27	249	198	206	258	217	241	268	252	257	292	270	284
28	223	197	204	255	241	249	270	253	259	298	286	290
29	220	201	208	266	253	259	262	254	257	302	292	295
30	224	207	214	275	259	266	265	255	258	303	295	298
31	---	---	---	277	263	268	280	258	263	---	---	---
MONTH	249	175	196	277	213	241	289	221	255	323	216	291

DELAWARE RIVER BASIN

01477050 DELAWARE RIVER AT CHESTER, PA--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	6.9	6.8	6.9	6.9	6.9	6.9	---	---	---	---	---	---
2	6.9	6.8	6.9	7.1	6.9	7.0	---	---	---	---	---	---
3	6.9	6.8	6.9	7.1	7.0	7.0	---	---	---	---	---	---
4	6.9	6.8	6.9	7.1	7.0	7.1	---	---	---	---	---	---
5	7.0	6.9	6.9	7.1	7.0	7.1	---	---	---	---	---	---
6	7.0	6.9	7.0	7.1	6.9	7.0	---	---	---	---	---	---
7	7.0	6.9	7.0	7.0	7.0	7.0	---	---	---	---	---	---
8	7.1	7.0	7.0	7.1	7.0	7.0	---	---	---	---	---	---
9	7.0	6.9	7.0	7.1	7.0	7.0	---	---	---	---	---	---
10	7.1	6.9	7.0	7.0	6.9	7.0	---	---	---	---	---	---
11	7.1	6.9	7.0	7.1	6.9	7.0	---	---	---	---	---	---
12	7.1	7.0	7.0	7.1	7.0	7.1	---	---	---	---	---	---
13	7.1	6.9	7.0	7.1	7.0	7.0	---	---	---	---	---	---
14	7.1	6.9	7.0	7.0	6.9	7.0	---	---	---	---	---	---
15	7.1	7.0	7.1	7.1	6.9	7.0	---	---	---	---	---	---
16	7.1	7.0	7.0	7.1	7.0	7.1	---	---	---	---	---	---
17	7.1	7.0	7.0	7.1	7.0	7.1	---	---	---	---	---	---
18	7.1	6.9	7.0	7.1	7.0	7.1	---	---	---	---	---	---
19	7.1	7.1	7.1	7.1	6.9	7.0	---	---	---	---	---	---
20	7.1	7.0	7.1	7.0	6.9	7.0	---	---	---	---	---	---
21	7.1	7.0	7.1	6.9	6.8	6.9	---	---	---	---	---	---
22	7.1	7.0	7.1	6.9	6.8	6.9	---	---	---	---	---	---
23	7.1	7.1	7.1	6.9	6.8	6.9	---	---	---	---	---	---
24	7.1	7.1	7.1	7.0	6.8	7.0	---	---	---	---	---	---
25	7.2	7.1	7.1	7.1	7.0	7.0	---	---	---	---	---	---
26	7.2	7.1	7.2	7.1	6.9	6.9	---	---	---	---	---	---
27	7.2	6.9	7.0	7.0	6.9	7.0	---	---	---	---	---	---
28	7.1	7.0	7.0	7.0	7.0	7.0	---	---	---	---	---	---
29	7.0	7.0	7.0	7.1	6.9	7.0	---	---	---	---	---	---
30	7.0	6.9	7.0	7.0	7.0	7.0	---	---	---	---	---	---
31	7.0	6.9	7.0	---	---	---	---	---	---	---	---	---
MAX	7.2	7.1	7.2	7.1	7.0	7.1	---	---	---	---	---	---
MIN	6.9	6.8	6.9	6.9	6.8	6.9	---	---	---	---	---	---

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
FEBRUARY			MARCH			APRIL			MAY			
1	---	---	---	---	---	---	7.4	7.3	7.3	7.3	7.2	7.2
2	---	---	---	---	---	---	7.4	7.3	7.3	7.2	7.2	7.2
3	---	---	---	---	---	---	7.4	7.3	7.3	7.2	7.1	7.1
4	---	---	---	---	---	---	7.3	7.3	7.3	7.2	7.1	7.1
5	---	---	---	---	---	---	7.4	7.3	7.3	7.1	7.1	7.1
6	---	---	---	---	---	---	7.4	7.3	7.3	7.1	7.0	7.1
7	---	---	---	---	---	---	7.4	7.3	7.3	7.1	7.0	7.0
8	---	---	---	---	---	---	7.4	7.3	7.3	7.0	6.9	7.0
9	---	---	---	---	---	---	7.6	7.2	7.4	---	---	---
10	---	---	---	---	---	---	7.4	7.3	7.4	---	---	---
11	---	---	---	---	---	---	7.4	7.3	7.4	7.3	7.1	7.2
12	---	---	---	---	---	---	7.4	7.3	7.3	7.2	7.1	7.2
13	---	---	---	---	---	---	7.4	7.3	7.4	7.2	7.1	7.2
14	---	---	---	---	---	---	7.4	7.3	7.3	7.1	7.1	7.1
15	---	---	---	---	---	---	7.3	7.2	7.2	7.1	7.1	7.1
16	---	---	---	---	---	---	7.3	7.2	7.2	7.1	7.0	7.0
17	---	---	---	---	---	---	7.3	7.2	7.2	7.0	7.0	7.0
18	---	---	---	---	---	---	7.3	7.3	7.3	7.1	7.0	7.0
19	---	---	---	---	---	---	---	---	---	7.1	6.9	7.0
20	---	---	---	---	---	---	---	---	---	7.0	7.0	7.0
21	---	---	---	---	---	---	7.3	7.2	7.2	7.0	7.0	7.0
22	---	---	---	---	---	---	7.2	7.2	7.2	7.1	7.0	7.0
23	---	---	---	---	---	---	7.3	7.2	7.2	7.1	7.1	7.1
24	---	---	---	---	---	---	7.3	7.2	7.2	7.2	7.1	7.1
25	---	---	---	---	---	---	7.3	7.2	7.2	7.2	7.1	7.2
26	---	---	---	---	---	---	7.3	7.2	7.2	7.2	7.2	7.2
27	---	---	---	---	---	---	7.3	7.2	7.2	7.2	7.2	7.2
28	---	---	---	---	---	---	7.2	7.2	7.2	7.2	7.2	7.2
29	---	---	---	---	---	---	7.3	7.2	7.2	7.3	7.2	7.2
30	---	---	---	---	---	---	7.2	7.2	7.2	7.3	7.2	7.2
31	---	---	---	---	---	---	---	---	---	7.3	7.2	7.2
MAX	---	---	---	---	---	---	7.6	7.3	7.4	7.3	7.2	7.2
MIN	---	---	---	---	---	---	7.2	7.2	7.2	7.0	6.9	7.0

DELAWARE RIVER BASIN

01477050 DELAWARE RIVER AT CHESTER, PA--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	7.2	7.1	7.2	7.0	7.0	7.0	7.0	6.9	6.9	7.0	6.8	6.9
2	7.2	7.1	7.1	7.1	7.0	7.0	7.0	7.0	7.0	7.0	6.9	6.9
3	7.2	7.1	7.1	7.1	7.0	7.1	7.0	7.0	7.0	6.9	6.9	6.9
4	7.2	7.1	7.2	7.1	7.0	7.1	7.0	6.9	7.0	6.9	6.8	6.9
5	7.3	7.1	7.3	7.1	7.0	7.0	7.0	6.9	6.9	7.1	6.9	7.0
6	7.3	7.2	7.3	7.1	7.0	7.0	7.0	6.9	7.0	7.1	7.0	7.0
7	7.4	7.2	7.3	7.1	7.0	7.1	7.0	7.0	7.0	7.1	7.0	7.1
8	7.4	7.2	7.3	7.2	7.1	7.1	7.0	6.9	6.9	7.1	6.9	7.0
9	7.5	7.3	7.3	7.2	7.1	7.2	7.0	6.9	6.9	7.0	6.9	6.9
10	7.4	7.3	7.3	7.2	7.1	7.1	7.0	6.8	6.9	6.9	6.9	6.9
11	7.5	7.3	7.4	7.2	7.1	7.1	6.9	6.9	6.9	7.0	6.9	6.9
12	7.4	7.3	7.3	7.1	7.1	7.1	6.9	6.9	6.9	7.0	6.9	7.0
13	7.3	7.2	7.3	7.1	7.0	7.1	7.0	6.9	6.9	7.0	6.9	7.0
14	7.3	7.2	7.2	7.1	7.0	7.1	7.0	6.9	7.0	7.0	6.9	6.9
15	7.2	7.1	7.2	7.1	7.0	7.1	6.9	6.9	6.9	7.0	6.9	7.0
16	7.1	7.0	7.1	7.1	7.0	7.0	6.9	6.8	6.9	7.0	6.9	6.9
17	7.1	7.0	7.0	7.0	6.9	7.0	7.0	6.9	6.9	7.0	6.9	7.0
18	7.0	7.0	7.0	7.0	6.9	7.0	6.9	6.8	6.9	7.0	6.9	7.0
19	7.0	6.9	6.9	7.0	7.0	7.0	6.9	6.9	6.9	7.0	6.9	7.0
20	7.0	6.9	6.9	7.0	7.0	7.0	6.9	6.9	6.9	7.0	6.9	6.9
21	7.0	6.9	6.9	7.2	7.0	7.0	7.0	6.9	6.9	6.9	6.9	6.9
22	7.0	6.9	6.9	7.1	6.9	7.0	7.1	7.0	7.0	7.0	6.9	6.9
23	7.0	6.9	6.9	7.0	7.0	7.0	7.2	7.0	7.1	7.0	6.9	6.9
24	7.1	6.9	7.0	7.0	6.9	7.0	7.1	6.9	7.0	6.9	6.8	6.9
25	7.1	7.0	7.0	7.0	6.9	7.0	7.0	6.9	6.9	7.0	6.8	6.9
26	7.2	7.0	7.1	7.0	6.9	7.0	7.0	6.9	6.9	7.0	6.9	7.0
27	7.2	7.1	7.1	7.0	6.9	6.9	7.0	6.9	7.0	7.0	6.9	6.9
28	7.1	7.0	7.1	7.0	6.9	6.9	6.9	6.9	6.9	6.9	6.8	6.9
29	7.1	7.0	7.0	7.0	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
30	7.0	7.0	7.0	7.0	6.9	6.9	7.0	6.9	6.9	6.9	6.9	6.9
31	---	---	---	7.0	6.9	6.9	6.9	6.9	6.9	---	---	---
MAX	7.5	7.3	7.4	7.2	7.1	7.2	7.2	7.0	7.1	7.1	7.0	7.1
MIN	7.0	6.9	6.9	7.0	6.9	6.9	6.9	6.8	6.9	6.9	6.8	6.9

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	20.0	19.0	19.5	16.0	15.0	15.5	---	---	---	---	---	---
2	20.0	19.0	19.5	16.0	15.0	15.5	---	---	---	---	---	---
3	20.5	19.0	20.0	15.5	14.5	15.0	---	---	---	---	---	---
4	20.0	19.5	20.0	14.5	13.0	13.5	---	---	---	---	---	---
5	19.5	18.0	19.0	14.0	13.0	13.5	---	---	---	---	---	---
6	19.0	17.5	18.5	14.0	13.5	14.0	---	---	---	---	---	---
7	18.5	17.5	18.0	13.5	13.0	13.5	---	---	---	---	---	---
8	18.5	17.0	18.0	13.5	12.5	13.0	---	---	---	---	---	---
9	18.5	17.5	18.0	13.5	12.5	13.0	---	---	---	---	---	---
10	18.5	17.5	18.0	14.0	13.0	13.5	---	---	---	---	---	---
11	19.0	18.0	18.5	14.0	12.5	13.5	---	---	---	---	---	---
12	19.0	18.0	18.5	13.0	12.5	13.0	---	---	---	---	---	---
13	19.0	18.0	18.5	13.0	12.5	13.0	---	---	---	---	---	---
14	18.5	17.5	18.0	13.0	12.5	13.0	---	---	---	---	---	---
15	18.0	17.0	17.5	12.5	12.0	12.0	---	---	---	---	---	---
16	18.0	16.5	17.5	12.0	11.0	11.5	---	---	---	---	---	---
17	18.0	17.5	17.5	11.5	10.0	11.0	---	---	---	---	---	---
18	18.0	17.0	17.5	11.5	10.0	11.0	---	---	---	---	---	---
19	17.5	16.5	17.0	11.5	10.0	11.0	---	---	---	---	---	---
20	17.0	15.5	17.0	11.5	10.5	11.0	---	---	---	---	---	---
21	17.0	15.5	16.5	11.5	11.0	11.5	---	---	---	---	---	---
22	17.0	15.5	16.5	12.0	11.5	11.5	---	---	---	---	---	---
23	16.5	15.5	16.0	12.0	11.5	12.0	---	---	---	---	---	---
24	16.0	14.5	15.5	12.0	12.0	12.0	---	---	---	---	---	---
25	15.5	14.5	15.0	12.0	12.0	12.0	---	---	---	---	---	---
26	15.5	14.5	15.0	13.0	12.0	12.0	---	---	---	---	---	---
27	15.5	14.5	15.0	13.5	12.0	12.5	---	---	---	---	---	---
28	15.0	14.5	14.5	12.5	11.5	12.0	---	---	---	---	---	---
29	15.0	14.5	14.5	11.5	11.0	11.5	---	---	---	---	---	---
30	15.0	14.0	15.0	11.5	10.5	11.0	---	---	---	---	---	---
31	15.5	14.5	15.0	---	---	---	---	---	---	---	---	---
MONTH	20.5	14.0	17.2	16.0	10.0	12.6	---	---	---	---	---	---

DELAWARE RIVER BASIN

01477050 DELAWARE RIVER AT CHESTER, PA--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	12.5	11.0	11.5	14.5	13.0	13.5
2	---	---	---	---	---	---	12.5	11.5	12.0	15.0	14.0	14.5
3	---	---	---	---	---	---	13.5	12.0	12.5	15.5	14.0	14.5
4	---	---	---	---	---	---	14.0	13.0	13.5	16.0	14.5	15.0
5	---	---	---	---	---	---	13.0	12.0	12.5	17.0	15.5	16.0
6	---	---	---	---	---	---	13.0	12.0	12.5	17.5	16.0	16.5
7	---	---	---	---	---	---	13.5	12.5	13.0	18.5	16.5	17.5
8	---	---	---	---	---	---	14.5	13.0	13.5	19.0	17.5	18.5
9	---	---	---	---	---	---	14.0	11.5	12.5	---	---	---
10	---	---	---	---	---	---	13.0	10.5	12.0	---	---	---
11	---	---	---	---	---	---	12.5	12.0	12.5	20.5	19.0	19.5
12	---	---	---	---	---	---	13.5	12.0	12.5	21.0	19.0	20.0
13	---	---	---	---	---	---	13.0	12.0	12.5	21.5	20.0	20.5
14	---	---	---	---	---	---	13.0	11.0	12.0	21.0	20.0	20.5
15	---	---	---	---	---	---	12.5	12.0	12.5	21.0	19.5	20.5
16	---	---	---	---	---	---	14.0	12.5	13.0	21.0	19.5	20.5
17	---	---	---	---	---	---	13.5	12.5	13.0	21.0	20.0	20.5
18	---	---	---	---	---	---	12.5	11.0	12.0	22.0	20.5	21.0
19	---	---	---	---	---	---	---	---	---	22.0	19.5	21.0
20	---	---	---	---	---	---	---	---	---	20.5	19.0	20.0
21	---	---	---	---	---	---	13.5	12.5	13.0	20.0	19.0	19.5
22	---	---	---	---	---	---	13.0	12.0	12.5	19.5	19.0	19.5
23	---	---	---	---	---	---	12.5	12.0	12.0	19.5	19.0	19.5
24	---	---	---	---	---	---	13.5	12.0	12.5	20.0	19.0	19.5
25	---	---	---	---	---	---	13.5	12.5	13.0	19.5	19.0	19.5
26	---	---	---	---	---	---	13.5	12.5	13.0	19.5	18.5	19.0
27	---	---	---	---	---	---	13.0	12.5	12.5	18.5	17.5	18.0
28	---	---	---	---	---	---	13.5	12.0	13.0	18.0	17.0	17.5
29	---	---	---	---	---	---	14.0	12.5	13.0	18.0	17.0	17.5
30	---	---	---	---	---	---	14.0	13.0	13.5	18.0	17.0	17.5
31	---	---	---	---	---	---	---	---	---	18.5	17.0	17.5
MONTH	---	---	---	---	---	---	14.5	10.5	12.6	22.0	13.0	18.4
	JUNE			JULY			AUGUST			SEPTEMBER		
1	19.5	17.5	18.5	26.0	24.5	25.0	27.0	26.0	26.5	26.5	25.5	26.0
2	20.5	18.5	19.5	26.0	25.0	25.5	27.5	26.5	27.0	27.0	26.0	26.5
3	20.5	19.5	20.0	26.5	25.5	26.0	27.0	26.5	27.0	27.0	26.0	26.5
4	20.5	19.5	20.0	26.5	25.5	26.0	27.0	26.5	26.5	27.0	26.5	26.5
5	20.5	20.0	20.0	27.0	26.0	26.5	27.0	26.0	26.5	26.5	25.0	25.5
6	20.0	19.0	19.5	27.0	26.0	26.5	26.0	26.0	26.0	25.0	24.5	25.0
7	20.0	18.5	19.5	27.0	25.5	26.5	27.0	25.5	26.5	25.0	24.0	24.5
8	20.5	19.5	20.0	26.0	25.0	25.5	28.0	26.5	27.0	25.0	23.5	24.5
9	21.5	20.0	20.5	26.5	25.0	26.0	28.0	27.0	27.5	25.5	24.0	25.0
10	22.5	21.0	21.5	27.5	26.0	26.5	28.0	27.0	27.5	26.0	24.5	25.0
11	23.5	21.5	22.5	27.0	26.0	26.5	28.0	27.0	27.5	26.0	25.0	25.5
12	23.5	22.5	23.0	27.0	25.5	26.5	27.5	25.0	27.0	26.0	25.0	25.5
13	22.5	22.0	22.0	27.0	26.0	26.5	26.5	25.0	26.0	26.0	25.5	25.5
14	22.0	21.5	22.0	26.5	26.0	26.0	26.0	24.5	25.5	25.5	25.0	25.5
15	22.5	21.0	22.0	26.0	25.0	25.5	26.0	24.5	25.5	25.5	23.0	24.5
16	23.0	22.0	22.5	26.5	25.5	26.0	26.0	25.5	26.0	24.0	23.0	24.0
17	23.5	22.5	23.0	26.5	25.5	26.0	26.0	25.5	25.5	23.5	22.5	23.0
18	23.5	22.5	23.0	27.0	26.0	26.5	25.5	25.0	25.5	23.5	22.5	23.0
19	23.0	22.5	23.0	26.5	25.0	26.0	25.5	24.5	25.0	23.0	22.5	23.0
20	24.0	22.5	23.0	26.0	25.0	25.5	25.0	24.5	25.0	24.0	21.5	23.0
21	24.0	23.0	23.5	26.0	25.0	25.5	25.0	24.0	24.5	24.0	23.0	23.5
22	24.0	23.5	24.0	26.5	25.5	26.0	25.0	24.0	24.5	23.5	22.5	23.0
23	24.5	23.5	24.0	26.5	25.5	26.0	25.0	24.0	24.5	23.0	22.5	22.5
24	25.0	23.5	24.0	26.0	25.5	26.0	25.5	24.0	24.5	23.5	22.5	23.0
25	25.5	24.0	25.0	26.0	25.5	25.5	26.0	24.0	25.0	22.5	21.5	22.5
26	26.5	25.0	25.5	25.5	23.0	25.0	26.0	24.5	25.0	21.5	16.5	20.0
27	26.0	25.0	25.5	25.0	23.5	24.5	25.5	24.5	25.0	20.5	19.0	20.0
28	25.5	25.0	25.0	26.0	24.0	25.0	26.0	25.0	25.5	21.0	19.5	20.5
29	25.5	23.5	25.0	26.0	25.0	25.5	25.5	25.0	25.0	20.5	19.0	20.0
30	25.5	24.0	25.0	26.5	25.5	26.0	25.5	25.0	25.5	20.0	19.5	20.0
31	---	---	---	27.0	26.0	26.0	26.0	25.0	25.5	---	---	---
MONTH	26.5	17.5	22.4	27.5	23.0	25.9	28.0	24.0	25.8	27.0	16.5	23.8

DELAWARE RIVER BASIN

01477050 DELAWARE RIVER AT CHESTER, PA--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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	---	---	---	7.8	7.3	7.6	---	---	---	---	---	---
12	---	---	---	7.8	7.5	7.7	---	---	---	---	---	---
13	---	---	---	7.9	7.2	7.5	---	---	---	---	---	---
14	---	---	---	7.5	6.7	7.0	---	---	---	---	---	---
15	---	---	---	7.1	6.7	6.8	---	---	---	---	---	---
16	---	---	---	7.1	6.7	6.9	---	---	---	---	---	---
17	---	---	---	8.0	6.7	7.2	---	---	---	---	---	---
18	---	---	---	7.6	7.2	7.4	---	---	---	---	---	---
19	---	---	---	7.7	7.3	7.5	---	---	---	---	---	---
20	---	---	---	7.8	7.5	7.6	---	---	---	---	---	---
21	---	---	---	7.9	7.6	7.7	---	---	---	---	---	---
22	---	---	---	7.9	7.7	7.8	---	---	---	---	---	---
23	---	---	---	7.9	7.6	7.8	---	---	---	---	---	---
24	---	---	---	8.2	7.6	7.8	---	---	---	---	---	---
25	---	---	---	7.9	7.7	7.8	---	---	---	---	---	---
26	---	---	---	8.2	7.8	8.0	---	---	---	---	---	---
27	---	---	---	8.6	8.0	8.1	---	---	---	---	---	---
28	---	---	---	8.5	7.9	8.1	---	---	---	---	---	---
29	---	---	---	8.6	8.0	8.2	---	---	---	---	---	---
30	---	---	---	8.8	8.3	8.4	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	8.8	6.7	7.6	---	---	---	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	10.1	9.5	9.6	10.3	9.1	9.3
2	---	---	---	---	---	---	10.0	9.2	9.5	9.7	9.0	9.3
3	---	---	---	---	---	---	---	---	---	9.7	9.1	9.3
4	---	---	---	---	---	---	---	---	---	9.7	9.0	9.2
5	---	---	---	---	---	---	---	---	---	9.3	8.8	9.0
6	---	---	---	---	---	---	---	---	---	9.2	8.6	8.8
7	---	---	---	---	---	---	---	---	---	8.9	8.3	8.5
8	---	---	---	---	---	---	---	---	---	8.6	8.1	8.4
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	8.7	7.5	8.2
12	---	---	---	---	---	---	---	---	---	8.5	7.8	8.1
13	---	---	---	---	---	---	---	---	---	8.5	7.7	8.0
14	---	---	---	---	---	---	---	---	---	7.9	6.7	7.6
15	---	---	---	---	---	---	---	---	---	7.8	6.9	7.3
16	---	---	---	---	---	---	---	---	---	7.2	6.7	7.0
17	---	---	---	---	---	---	---	---	---	7.1	6.3	6.7
18	---	---	---	---	---	---	---	---	---	6.9	5.5	6.3
19	---	---	---	---	---	---	---	---	---	6.8	5.6	6.2
20	---	---	---	---	---	---	---	---	---	6.4	5.4	5.9
21	---	---	---	---	---	---	9.1	8.6	8.8	5.8	5.2	5.4
22	---	---	---	---	---	---	9.0	8.5	8.7	6.8	5.0	5.9
23	---	---	---	---	---	---	9.2	8.7	8.9	6.9	6.0	6.4
24	---	---	---	---	---	---	9.3	8.9	9.1	7.8	6.3	6.7
25	---	---	---	---	---	---	9.2	9.0	9.1	7.6	6.6	7.0
26	---	---	---	---	---	---	9.5	9.0	9.2	7.8	7.1	7.3
27	---	---	---	---	---	---	9.4	9.0	9.1	7.9	7.2	7.5
28	---	---	---	---	---	---	9.6	8.9	9.1	8.3	7.4	7.8
29	---	---	---	---	---	---	9.9	8.9	9.1	8.8	7.7	8.2
30	---	---	---	---	---	---	9.6	8.9	9.2	8.6	8.3	8.4
31	---	---	---	---	---	---	---	---	---	8.4	7.6	8.0
MONTH	---	---	---	---	---	---	10.1	8.5	9.1	10.3	5.0	7.6

DELAWARE RIVER BASIN

01477050 DELAWARE RIVER AT CHESTER, PA--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	7.9	7.2	7.6	6.0	4.7	5.3	4.7	4.1	4.4	5.4	4.4	4.9
2	7.7	7.2	7.5	6.1	4.9	5.5	4.8	4.2	4.4	4.9	4.4	4.6
3	8.0	7.2	7.6	6.3	5.4	5.8	4.9	4.3	4.5	4.8	4.3	4.5
4	8.5	7.5	8.0	6.2	5.5	5.8	5.0	4.1	4.4	4.7	4.2	4.4
5	8.6	7.7	8.2	6.3	5.5	5.8	5.3	4.1	4.5	5.6	4.3	5.0
6	8.5	7.9	8.2	6.3	5.4	5.9	5.4	4.3	4.8	6.1	5.2	5.6
7	9.1	7.9	8.4	6.8	5.8	6.2	5.8	4.6	5.0	6.2	5.5	5.8
8	9.2	8.1	8.6	7.0	5.9	6.4	5.7	4.8	5.1	6.0	5.3	5.7
9	9.4	8.1	8.6	7.2	6.2	6.6	5.4	4.7	5.0	5.7	5.2	5.4
10	9.4	8.1	8.6	6.8	6.0	6.4	5.5	4.0	4.9	5.3	4.6	5.1
11	9.0	7.7	8.3	6.4	5.5	6.0	5.1	4.5	4.8	5.4	4.5	5.1
12	8.4	7.4	7.8	6.4	5.4	5.8	5.9	4.3	4.8	5.2	3.7	4.6
13	7.8	6.4	7.3	6.4	5.3	5.7	5.3	4.8	5.0	5.0	4.1	4.7
14	7.6	6.2	6.9	5.8	5.4	5.6	5.6	4.9	5.1	5.1	4.0	4.6
15	6.2	4.8	5.6	5.8	5.3	5.6	5.2	4.5	4.9	6.1	4.8	5.3
16	6.1	4.9	5.7	5.8	5.3	5.5	4.8	4.3	4.5	5.2	4.6	4.9
17	5.9	5.5	5.6	5.7	5.1	5.3	5.0	4.5	4.6	5.7	4.6	5.1
18	5.7	5.1	5.4	5.7	5.1	5.4	4.8	4.3	4.5	5.5	4.3	5.0
19	6.0	4.9	5.3	5.6	4.9	5.1	4.8	4.4	4.5	4.5	4.0	4.3
20	5.4	4.8	5.0	5.7	4.9	5.1	5.0	4.4	4.6	5.0	4.2	4.5
21	5.7	5.0	5.4	5.8	4.9	5.3	5.2	4.5	4.7	4.9	4.3	4.5
22	5.9	4.2	5.1	5.8	5.0	5.3	5.4	4.7	5.0	5.0	4.3	4.5
23	5.8	4.7	5.2	5.8	4.8	5.3	5.8	5.0	5.3	4.8	4.5	4.7
24	6.5	5.2	5.9	5.3	4.7	5.0	5.5	4.9	5.2	4.8	4.5	4.6
25	7.4	5.8	6.5	5.5	4.5	5.0	5.3	4.8	5.1	5.1	4.4	4.7
26	7.0	6.1	6.6	6.3	5.0	5.3	5.5	4.9	5.2	6.8	5.1	5.7
27	6.7	6.0	6.3	5.9	5.0	5.3	5.5	4.8	5.2	5.7	5.3	5.5
28	6.3	5.7	5.9	5.2	4.3	4.8	5.3	4.8	5.2	5.5	5.1	5.3
29	6.1	5.3	5.6	4.8	4.2	4.6	5.6	4.9	5.3	5.7	4.8	5.3
30	6.0	5.1	5.4	5.1	4.2	4.5	5.4	4.7	5.0	5.8	5.2	5.5
31	---	---	---	4.7	4.1	4.4	5.0	4.4	4.7	---	---	---
MONTH	9.4	4.2	6.7	7.2	4.1	5.5	5.9	4.0	4.8	6.8	3.7	5.0