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 mi^2, 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, pH, and water temperature records rated good. Dissolved oxygen record rated good except for periods Apr. 11-19 and May 24-28, which are 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 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	201	186	193	181	158	171	233	208	218	---	---	---
2	191	178	185	175	155	164	---	---	---	---	---	---
3	193	172	181	179	151	163	---	---	---	---	---	---
4	196	179	186	165	151	158	---	---	---	---	---	---
5	194	181	188	164	152	158	---	---	---	---	---	---
6	206	180	193	184	153	168	---	---	---	---	---	---
7	204	185	195	182	162	175	---	---	---	---	---	---
8	206	190	199	184	170	179	---	---	---	---	---	---
9	207	193	201	190	176	183	---	---	---	---	---	---
10	209	197	203	197	178	188	---	---	---	---	---	---
11	212	199	205	203	181	192	---	---	---	---	---	---
12	211	200	204	232	193	208	---	---	---	---	---	---
13	233	201	208	230	201	214	---	---	---	---	---	---
14	217	200	209	227	205	218	---	---	---	---	---	---
15	227	203	212	228	207	218	---	---	---	---	---	---
16	235	208	218	236	207	224	---	---	---	---	---	---
17	246	216	231	235	215	225	---	---	---	---	---	---
18	244	227	236	234	218	226	---	---	---	---	---	---
19	243	230	237	242	224	234	---	---	---	---	---	---
20	243	233	237	242	220	232	---	---	---	---	---	---
21	242	232	237	262	227	246	---	---	---	---	---	---
22	237	231	234	247	211	230	---	---	---	---	---	---
23	245	232	238	222	209	214	---	---	---	---	---	---
24	251	234	244	220	206	212	---	---	---	---	---	---
25	255	237	245	218	206	211	---	---	---	---	---	---
26	257	240	250	219	205	210	---	---	---	---	---	---
27	269	224	248	217	198	208	---	---	---	---	---	---
28	254	228	244	215	198	208	---	---	---	---	---	---
29	253	190	220	217	183	201	---	---	---	---	---	---
30	219	191	205	222	198	210	---	---	---	---	---	---
31	201	177	190	---	---	---	---	---	---	---	---	---
MONTH	269	172	215	262	151	202	233	208	218	---	---	---

DELAWARE RIVER BASIN

01477050 DELAWARE RIVER AT CHESTER, PA--Continued

SPECIFIC CONDUCTANCE, MICROSIEMENS PER CENTIMETER AT 25° CELSIUS, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	331	317	323	279	248	256
2	---	---	---	---	---	---	329	316	323	258	248	253
3	---	---	---	---	---	---	325	314	319	260	248	254
4	---	---	---	---	---	---	320	304	313	263	252	256
5	---	---	---	---	---	---	318	291	303	266	251	257
6	---	---	---	---	---	---	310	295	301	266	254	258
7	---	---	---	---	---	---	312	296	304	260	247	255
8	---	---	---	---	---	---	308	287	300	254	242	249
9	---	---	---	---	---	---	303	284	295	252	239	245
10	---	---	---	---	---	---	296	282	290	253	235	241
11	---	---	---	---	---	---	294	275	286	241	230	236
12	---	---	---	---	---	---	296	277	287	---	---	---
13	---	---	---	---	---	---	290	270	281	243	232	237
14	---	---	---	---	---	---	284	262	272	243	232	236
15	---	---	---	---	---	---	282	265	272	241	225	235
16	---	---	---	---	---	---	273	252	262	236	226	231
17	---	---	---	---	---	---	264	248	256	244	226	231
18	---	---	---	---	---	---	262	243	249	238	228	232
19	---	---	---	---	---	---	254	243	247	239	229	232
20	---	---	---	---	---	---	255	246	249	242	230	235
21	---	---	---	---	---	---	261	245	251	242	232	237
22	---	---	---	---	---	---	259	246	251	244	231	237
23	---	---	---	---	---	---	257	248	252	238	230	235
24	---	---	---	---	---	---	261	250	254	245	230	236
25	---	---	---	---	---	---	259	247	254	241	235	237
26	---	---	---	---	---	---	262	250	255	242	235	238
27	---	---	---	---	---	---	304	249	262	247	238	242
28	---	---	---	---	---	---	276	258	267	261	239	244
29	---	---	---	---	---	---	283	263	272	261	246	251
30	---	---	---	329	318	323	277	250	263	261	246	254
31	---	---	---	331	317	323	---	---	---	265	248	257
MONTH	---	---	---	331	317	323	331	243	277	279	225	243

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	266	252	258	306	296	301	236	193	221	227	194	210
2	267	253	258	314	296	304	251	205	227	225	203	214
3	265	254	259	317	304	310	243	230	238	221	210	215
4	267	256	260	341	309	323	244	235	239	221	211	216
5	269	258	264	363	308	331	250	232	241	220	213	216
6	273	260	266	349	308	327	245	235	239	231	214	219
7	276	260	267	357	309	331	268	239	248	225	214	219
8	275	261	268	372	318	338	253	239	246	225	214	219
9	280	264	270	367	318	337	273	243	253	232	216	223
10	280	270	276	362	318	338	259	243	251	241	219	228
11	295	272	282	393	321	346	262	244	255	252	221	236
12	311	281	294	---	---	---	267	247	258	250	230	242
13	308	284	295	342	286	308	272	251	261	248	236	241
14	317	286	299	328	277	302	291	255	268	245	238	242
15	298	282	290	311	259	278	---	---	---	250	239	242
16	288	274	282	281	256	265	---	---	---	250	236	243
17	298	266	284	271	250	263	239	228	232	245	235	241
18	297	276	286	271	249	261	238	227	232	252	223	238
19	303	280	289	270	249	261	237	213	230	265	176	216
20	297	283	290	259	249	255	234	208	224	180	131	153
21	302	287	294	264	255	259	228	200	215	132	109	121
22	301	284	292	265	255	260	213	193	202	127	110	117
23	293	284	288	281	258	263	213	188	197	142	119	128
24	293	284	288	281	261	266	207	193	200	148	121	138
25	296	287	289	271	262	266	219	194	200	151	130	143
26	301	289	295	278	265	270	201	185	194	159	139	151
27	308	293	299	278	265	271	204	180	192	169	148	157
28	311	290	301	273	228	260	193	180	189	166	143	157
29	304	294	298	260	231	246	202	185	190	---	---	---
30	304	295	299	254	224	235	206	188	195	---	---	---
31	---	---	---	239	225	232	209	192	198	---	---	---
MONTH	317	252	283	393	224	287	291	180	225	265	109	199

DELAWARE RIVER BASIN

01477050 DELAWARE RIVER AT CHESTER, PA--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

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

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	7.6	7.5	7.6	7.2	7.2	7.2
2	---	---	---	---	---	---	7.6	7.5	7.6	7.2	7.2	7.2
3	---	---	---	---	---	---	7.6	7.5	7.5	7.2	7.2	7.2
4	---	---	---	---	---	---	7.5	7.5	7.5	7.2	7.2	7.2
5	---	---	---	---	---	---	7.6	7.5	7.5	7.2	7.2	7.2
6	---	---	---	---	---	---	7.6	7.5	7.5	7.2	7.2	7.2
7	---	---	---	---	---	---	7.6	7.5	7.5	7.2	7.1	7.2
8	---	---	---	---	---	---	7.5	7.5	7.5	7.2	7.1	7.2
9	---	---	---	---	---	---	7.5	7.4	7.5	7.2	7.1	7.2
10	---	---	---	---	---	---	7.5	7.4	7.4	7.2	7.1	7.1
11	---	---	---	---	---	---	7.4	7.4	7.4	7.1	7.1	7.1
12	---	---	---	---	---	---	7.5	7.4	7.4	---	---	---
13	---	---	---	---	---	---	7.5	7.4	7.5	7.2	7.1	7.2
14	---	---	---	---	---	---	7.4	7.4	7.4	7.2	7.1	7.2
15	---	---	---	---	---	---	7.4	7.4	7.4	7.2	7.1	7.2
16	---	---	---	---	---	---	7.4	7.4	7.4	7.2	7.1	7.1
17	---	---	---	---	---	---	7.4	7.4	7.4	7.1	7.1	7.1
18	---	---	---	---	---	---	7.4	7.3	7.3	7.1	7.0	7.1
19	---	---	---	---	---	---	7.3	7.2	7.2	7.1	7.0	7.0
20	---	---	---	---	---	---	7.2	7.2	7.2	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	7.0	6.9	7.0
23	---	---	---	---	---	---	7.3	7.2	7.2	7.0	6.9	7.0
24	---	---	---	---	---	---	7.3	7.2	7.2	7.0	6.9	7.0
25	---	---	---	---	---	---	7.3	7.2	7.2	7.1	7.0	7.0
26	---	---	---	---	---	---	7.3	7.2	7.2	7.1	7.0	7.1
27	---	---	---	---	---	---	7.2	7.2	7.2	7.1	7.0	7.1
28	---	---	---	---	---	---	7.3	7.2	7.2	7.1	7.0	7.1
29	---	---	---	---	---	---	7.3	7.2	7.2	7.1	7.0	7.1
30	---	---	---	7.6	7.6	7.6	7.2	7.2	7.2	7.1	7.0	7.0
31	---	---	---	7.6	7.6	7.6	---	---	---	7.1	7.0	7.0
MAX	---	---	---	7.6	7.6	7.6	7.6	7.5	7.6	7.2	7.2	7.2
MIN	---	---	---	7.6	7.6	7.6	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 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.1	7.0	7.1	7.1	7.0	7.0	7.0	6.9	7.0	6.9	6.9	6.9
2	7.1	7.0	7.1	7.1	7.0	7.0	7.0	6.9	6.9	6.9	6.9	6.9
3	7.1	7.0	7.0	7.0	6.9	7.0	7.0	6.9	7.0	6.9	6.9	6.9
4	7.1	7.0	7.0	7.1	6.9	7.0	7.0	6.9	7.0	6.9	6.8	6.9
5	7.1	7.0	7.1	7.1	7.0	7.0	7.0	7.0	7.0	7.0	6.8	6.9
6	7.2	7.1	7.1	7.1	7.0	7.0	7.0	7.0	7.0	7.0	6.9	7.0
7	7.1	7.1	7.1	7.1	7.0	7.0	7.0	7.0	7.0	7.0	6.9	7.0
8	7.1	7.1	7.1	7.1	7.0	7.1	7.0	7.0	7.0	7.0	6.9	6.9
9	7.1	7.1	7.1	7.1	7.0	7.0	7.0	7.0	7.0	7.0	6.9	7.0
10	7.1	6.9	7.0	7.1	7.0	7.0	7.1	7.0	7.0	7.0	7.0	7.0
11	7.0	7.0	7.0	7.1	7.0	7.0	7.1	7.0	7.1	7.0	7.0	7.0
12	7.0	7.0	7.0	---	---	---	7.1	7.0	7.1	7.0	6.9	7.0
13	7.1	7.0	7.0	7.1	7.0	7.0	7.1	7.0	7.1	7.0	6.9	6.9
14	7.1	7.0	7.0	7.0	7.0	7.0	7.1	7.0	7.1	7.0	6.9	7.0
15	7.1	7.0	7.0	7.0	7.0	7.0	---	---	---	7.1	7.0	7.0
16	7.1	6.9	7.0	7.0	7.0	7.0	---	---	---	7.0	7.0	7.0
17	7.0	6.9	6.9	7.0	7.0	7.0	7.1	7.0	7.0	7.0	6.9	7.0
18	7.0	6.9	6.9	7.0	7.0	7.0	7.1	7.0	7.0	7.0	7.0	7.0
19	7.0	6.9	6.9	7.0	7.0	7.0	7.1	7.0	7.1	7.1	7.0	7.1
20	7.0	6.9	7.0	7.0	6.9	6.9	7.1	7.0	7.0	7.2	7.0	7.1
21	7.0	6.9	7.0	7.0	6.9	6.9	7.1	7.0	7.0	7.0	6.9	6.9
22	7.1	7.0	7.0	6.9	6.9	6.9	7.0	7.0	7.0	6.9	6.9	6.9
23	7.1	7.0	7.0	7.0	6.9	6.9	7.0	6.9	7.0	7.0	6.9	6.9
24	7.1	7.0	7.0	7.0	6.9	6.9	6.9	6.9	6.9	7.0	6.9	6.9
25	7.1	7.0	7.0	7.0	7.0	7.0	6.9	6.9	6.9	7.0	6.9	7.0
26	7.0	6.9	7.0	7.0	7.0	7.0	6.9	6.9	6.9	7.0	6.9	6.9
27	7.0	7.0	7.0	7.1	7.0	7.0	6.9	6.8	6.8	7.0	6.9	6.9
28	7.1	7.0	7.0	7.1	7.0	7.0	6.8	6.8	6.8	7.0	6.9	6.9
29	7.1	7.0	7.0	7.0	6.9	7.0	6.9	6.8	6.8	---	---	---
30	7.1	7.0	7.0	7.0	6.9	6.9	6.9	6.7	6.8	---	---	---
31	---	---	---	7.0	6.9	6.9	6.9	6.8	6.8	---	---	---
MAX	7.2	7.1	7.1	7.1	7.0	7.1	7.1	7.0	7.1	7.2	7.0	7.1
MIN	7.0	6.9	6.9	6.9	6.9	6.9	6.8	6.7	6.8	6.9	6.8	6.9

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	19.5	19.0	19.5	13.0	12.5	12.5	9.0	8.5	8.5	---	---	---
2	19.0	18.5	19.0	13.0	12.5	12.5	---	---	---	---	---	---
3	18.5	18.0	18.0	13.0	12.5	12.5	---	---	---	---	---	---
4	18.0	17.5	18.0	13.5	12.5	13.0	---	---	---	---	---	---
5	18.0	17.0	17.5	13.5	13.0	13.5	---	---	---	---	---	---
6	17.5	17.0	17.5	13.5	13.0	13.5	---	---	---	---	---	---
7	17.5	17.0	17.0	14.0	13.5	13.5	---	---	---	---	---	---
8	17.5	17.0	17.5	13.5	13.0	13.5	---	---	---	---	---	---
9	18.0	17.0	17.5	13.0	12.5	13.0	---	---	---	---	---	---
10	18.0	17.0	17.5	12.5	12.5	12.5	---	---	---	---	---	---
11	17.5	17.0	17.5	12.5	12.5	12.5	---	---	---	---	---	---
12	17.5	17.0	17.5	13.0	12.5	12.5	---	---	---	---	---	---
13	17.5	17.0	17.5	13.0	11.5	12.5	---	---	---	---	---	---
14	17.5	17.0	17.5	11.5	11.0	11.0	---	---	---	---	---	---
15	17.5	16.0	17.0	11.0	10.5	11.0	---	---	---	---	---	---
16	16.5	16.0	16.0	11.0	10.5	11.0	---	---	---	---	---	---
17	16.0	15.5	16.0	11.0	10.5	11.0	---	---	---	---	---	---
18	15.5	15.5	15.5	11.0	10.5	11.0	---	---	---	---	---	---
19	15.5	15.0	15.5	12.0	10.5	11.0	---	---	---	---	---	---
20	15.5	15.0	15.5	12.0	10.5	11.0	---	---	---	---	---	---
21	15.5	15.0	15.5	11.0	10.0	10.5	---	---	---	---	---	---
22	15.5	15.0	15.5	11.0	10.0	10.5	---	---	---	---	---	---
23	15.0	14.5	14.5	10.5	10.0	10.5	---	---	---	---	---	---
24	14.5	14.0	14.5	11.0	10.0	10.5	---	---	---	---	---	---
25	14.0	13.5	14.0	11.0	10.5	10.5	---	---	---	---	---	---
26	15.0	14.0	14.5	10.5	10.0	10.5	---	---	---	---	---	---
27	15.5	14.5	14.5	10.5	9.5	10.0	---	---	---	---	---	---
28	14.5	14.0	14.0	10.5	10.0	10.0	---	---	---	---	---	---
29	14.0	13.0	14.0	10.5	9.0	9.5	---	---	---	---	---	---
30	13.0	12.5	13.0	9.0	8.5	8.5	---	---	---	---	---	---
31	13.0	12.5	13.0	---	---	---	---	---	---	---	---	---
MONTH	19.5	12.5	16.2	14.0	8.5	11.5	9.0	8.5	8.5	---	---	---

DELAWARE RIVER BASIN

01477050 DELAWARE RIVER AT CHESTER, PA--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	10.0	9.0	9.5	18.0	16.5	17.0
2	---	---	---	---	---	---	10.0	9.5	9.5	18.5	17.0	17.5
3	---	---	---	---	---	---	10.0	9.5	10.0	18.0	17.5	17.5
4	---	---	---	---	---	---	10.0	9.0	9.5	17.5	16.5	17.0
5	---	---	---	---	---	---	10.0	9.0	9.5	17.5	16.5	17.0
6	---	---	---	---	---	---	10.0	9.0	9.5	18.0	17.0	17.0
7	---	---	---	---	---	---	11.0	9.0	10.0	18.0	17.5	17.5
8	---	---	---	---	---	---	11.0	9.5	10.0	18.0	17.0	17.5
9	---	---	---	---	---	---	11.0	10.0	10.5	18.0	17.5	17.5
10	---	---	---	---	---	---	11.0	10.0	10.5	19.0	18.0	18.5
11	---	---	---	---	---	---	11.0	10.5	10.5	19.5	18.5	19.0
12	---	---	---	---	---	---	11.0	10.5	10.5	---	---	---
13	---	---	---	---	---	---	11.0	10.0	10.5	21.0	20.0	20.5
14	---	---	---	---	---	---	11.0	10.5	10.5	21.5	20.5	21.0
15	---	---	---	---	---	---	11.0	10.5	10.5	22.0	20.5	21.0
16	---	---	---	---	---	---	11.5	10.5	11.0	22.0	21.0	21.5
17	---	---	---	---	---	---	12.5	11.0	11.5	22.5	21.5	22.0
18	---	---	---	---	---	---	13.5	11.5	12.5	23.0	21.5	22.0
19	---	---	---	---	---	---	14.5	12.5	13.0	22.5	22.0	22.0
20	---	---	---	---	---	---	14.5	13.0	14.0	22.5	22.0	22.0
21	---	---	---	---	---	---	15.0	13.5	14.5	23.0	22.0	22.5
22	---	---	---	---	---	---	16.0	14.0	15.0	24.0	22.0	23.0
23	---	---	---	---	---	---	16.0	14.5	15.5	24.5	23.0	23.5
24	---	---	---	---	---	---	16.0	15.0	15.5	25.0	23.5	24.0
25	---	---	---	---	---	---	16.0	15.0	15.5	25.0	24.0	24.5
26	---	---	---	---	---	---	15.5	15.0	15.5	25.0	24.0	24.5
27	---	---	---	---	---	---	16.0	15.0	15.5	25.0	24.0	24.5
28	---	---	---	---	---	---	16.0	15.5	15.5	25.0	24.5	24.5
29	---	---	---	---	---	---	16.5	15.5	16.0	24.5	24.0	24.0
30	---	---	---	9.5	9.0	9.0	17.5	16.0	16.5	24.0	23.5	24.0
31	---	---	---	9.0	9.0	9.0	---	---	---	24.0	23.0	23.5
MONTH	---	---	---	9.5	9.0	9.0	17.5	9.0	12.3	25.0	16.5	20.9

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	23.5	22.5	23.0	26.5	25.0	25.5	26.0	25.0	25.5	25.5	25.0	25.0
2	23.5	23.0	23.5	27.0	25.5	26.0	27.0	25.5	26.0	25.5	25.0	25.0
3	24.0	23.0	23.5	27.0	26.0	26.0	27.0	26.0	26.5	25.5	25.0	25.0
4	23.5	23.0	23.5	27.0	26.0	26.5	27.0	26.5	26.5	25.5	25.0	25.5
5	23.5	22.0	23.0	27.5	26.5	27.0	27.0	26.0	26.5	25.5	25.0	25.0
6	22.5	21.5	22.0	27.5	26.5	27.0	26.0	25.5	25.5	25.0	24.5	24.5
7	23.0	22.0	22.0	27.5	26.5	27.0	25.5	25.0	25.0	25.0	24.5	24.5
8	23.5	22.5	23.0	27.5	27.0	27.0	25.0	24.5	24.5	25.0	24.5	25.0
9	24.0	23.0	23.5	27.5	27.0	27.5	25.5	24.5	25.0	25.5	25.0	25.0
10	24.5	23.5	24.0	27.5	27.0	27.0	25.5	25.0	25.0	25.5	24.5	25.0
11	24.0	23.5	23.5	28.0	27.0	27.5	26.0	25.0	25.5	25.0	24.5	25.0
12	23.5	23.0	23.5	---	---	---	26.0	25.5	25.5	25.0	24.0	24.5
13	23.5	23.0	23.0	26.5	25.5	26.0	26.0	25.5	25.5	25.5	24.5	25.0
14	23.5	23.0	23.0	26.5	25.5	26.0	25.5	25.0	25.0	25.0	24.5	24.5
15	24.5	23.0	23.5	26.0	24.5	25.5	---	---	---	24.5	24.0	24.0
16	24.5	23.5	24.0	25.0	24.5	25.0	---	---	---	24.5	24.0	24.0
17	25.0	24.0	24.5	26.0	24.5	25.0	25.5	24.5	25.0	24.5	24.0	24.5
18	25.5	24.5	24.5	25.5	24.5	25.0	25.5	24.5	25.0	24.5	22.5	24.0
19	25.5	24.5	25.0	25.5	24.5	25.0	25.5	24.5	25.0	22.5	21.0	22.0
20	25.0	24.0	24.5	25.5	24.5	25.0	26.0	25.0	25.0	21.0	18.5	19.0
21	25.0	24.0	24.5	26.0	25.0	25.5	25.5	24.5	25.0	18.5	18.0	18.0
22	25.5	24.5	25.0	26.5	25.5	26.0	25.0	24.0	24.5	18.5	17.5	18.0
23	25.5	24.5	25.0	26.5	26.0	26.0	24.5	24.0	24.5	19.0	18.0	18.5
24	26.0	25.0	25.0	26.0	25.5	26.0	24.5	24.0	24.5	19.5	18.5	19.0
25	25.5	25.0	25.5	26.0	25.5	25.5	24.5	24.0	24.5	19.5	18.5	19.0
26	25.5	25.0	25.5	25.5	25.0	25.5	24.5	24.0	24.5	19.5	19.0	19.5
27	25.5	25.0	25.0	25.5	25.0	25.0	25.5	24.0	24.5	20.0	19.0	19.5
28	25.5	25.0	25.5	25.5	24.0	25.0	26.0	24.5	25.0	20.5	19.5	20.0
29	25.5	25.0	25.0	25.5	24.5	25.0	26.5	25.0	25.5	---	---	---
30	26.0	24.5	25.5	25.5	25.0	25.0	26.0	25.5	25.5	---	---	---
31	---	---	---	26.5	25.0	25.5	25.5	25.0	25.5	---	---	---
MONTH	26.0	21.5	24.1	28.0	24.0	25.9	27.0	24.0	25.2	25.5	17.5	22.8

DELAWARE RIVER BASIN

01477050 DELAWARE RIVER AT CHESTER, PA--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	6.7	6.5	6.6	9.1	8.8	8.9	10.5	10.2	10.3	---	---	---
2	6.8	6.5	6.6	9.1	8.7	8.9	---	---	---	---	---	---
3	7.4	6.7	7.0	9.0	8.7	8.8	---	---	---	---	---	---
4	7.6	7.2	7.3	8.8	8.5	8.7	---	---	---	---	---	---
5	7.7	7.3	7.5	8.8	8.4	8.6	---	---	---	---	---	---
6	7.8	7.2	7.5	8.6	8.3	8.5	---	---	---	---	---	---
7	7.7	7.3	7.5	8.4	8.2	8.3	---	---	---	---	---	---
8	7.6	7.2	7.4	8.4	8.2	8.3	---	---	---	---	---	---
9	7.6	7.2	7.4	8.4	8.4	8.4	---	---	---	---	---	---
10	7.6	7.0	7.3	8.4	8.3	8.3	---	---	---	---	---	---
11	7.7	7.2	7.4	8.4	8.2	8.3	---	---	---	---	---	---
12	7.6	7.2	7.4	8.3	8.1	8.2	---	---	---	---	---	---
13	7.7	7.3	7.5	9.1	8.1	8.5	---	---	---	---	---	---
14	7.8	7.3	7.4	9.5	9.0	9.2	---	---	---	---	---	---
15	8.4	7.4	8.0	9.6	9.3	9.4	---	---	---	---	---	---
16	8.4	8.1	8.2	9.4	9.2	9.3	---	---	---	---	---	---
17	8.2	7.8	8.1	9.2	9.0	9.1	---	---	---	---	---	---
18	7.9	7.6	7.8	9.1	9.0	9.0	---	---	---	---	---	---
19	7.9	7.4	7.7	9.5	8.9	9.1	---	---	---	---	---	---
20	7.7	7.6	7.6	9.5	8.9	9.2	---	---	---	---	---	---
21	7.9	7.6	7.8	9.7	9.4	9.5	---	---	---	---	---	---
22	7.9	7.5	7.7	9.5	9.2	9.3	---	---	---	---	---	---
23	8.1	7.5	7.8	9.6	9.3	9.4	---	---	---	---	---	---
24	8.2	7.5	7.9	9.4	9.2	9.3	---	---	---	---	---	---
25	8.1	7.6	7.8	9.3	9.1	9.2	---	---	---	---	---	---
26	8.0	7.6	7.8	9.3	9.0	9.1	---	---	---	---	---	---
27	8.0	7.5	7.8	9.3	9.0	9.1	---	---	---	---	---	---
28	8.2	7.8	8.0	9.3	8.9	9.1	---	---	---	---	---	---
29	8.8	8.0	8.3	10.2	9.2	9.7	---	---	---	---	---	---
30	9.4	8.7	9.1	10.4	10.1	10.3	---	---	---	---	---	---
31	9.1	8.8	9.0	---	---	---	---	---	---	---	---	---
MONTH	9.4	6.5	7.7	10.4	8.1	9.0	10.5	10.2	10.3	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	11.6	11.2	11.4	7.9	7.6	7.7
2	---	---	---	---	---	---	11.5	11.1	11.3	7.8	7.5	7.6
3	---	---	---	---	---	---	11.3	10.9	11.1	7.6	7.3	7.5
4	---	---	---	---	---	---	11.2	10.8	10.9	7.6	7.2	7.3
5	---	---	---	---	---	---	11.2	10.9	11.0	7.5	7.1	7.3
6	---	---	---	---	---	---	11.0	10.7	10.9	7.4	6.9	7.1
7	---	---	---	---	---	---	10.8	10.5	10.7	7.3	6.8	7.0
8	---	---	---	---	---	---	10.8	10.4	10.6	7.7	6.8	7.2
9	---	---	---	---	---	---	10.6	10.3	10.5	7.7	7.0	7.4
10	---	---	---	---	---	---	10.6	10.4	10.5	7.6	7.0	7.4
11	---	---	---	---	---	---	10.7	10.4	10.5	7.4	7.0	7.2
12	---	---	---	---	---	---	10.7	10.3	10.5	---	---	---
13	---	---	---	---	---	---	11.0	10.6	10.8	8.3	7.3	7.8
14	---	---	---	---	---	---	10.7	10.3	10.5	8.5	7.4	7.8
15	---	---	---	---	---	---	10.6	10.3	10.4	8.4	7.4	7.8
16	---	---	---	---	---	---	10.4	10.0	10.2	8.0	7.3	7.6
17	---	---	---	---	---	---	10.0	9.7	9.9	7.4	6.9	7.2
18	---	---	---	---	---	---	9.8	9.1	9.4	7.1	6.6	6.9
19	---	---	---	---	---	---	9.1	8.6	8.8	6.8	6.1	6.4
20	---	---	---	---	---	---	8.7	8.4	8.5	6.2	5.6	5.9
21	---	---	---	---	---	---	8.5	8.2	8.4	6.0	5.2	5.6
22	---	---	---	---	---	---	8.4	8.1	8.3	5.5	4.6	5.1
23	---	---	---	---	---	---	8.4	8.1	8.3	5.4	4.7	5.1
24	---	---	---	---	---	---	8.5	8.1	8.3	5.8	4.7	5.3
25	---	---	---	---	---	---	8.4	8.1	8.3	5.8	5.5	5.7
26	---	---	---	---	---	---	8.3	7.9	8.1	5.8	5.5	5.6
27	---	---	---	---	---	---	8.0	7.7	7.8	5.7	5.4	5.6
28	---	---	---	---	---	---	8.3	7.6	7.8	5.6	4.9	5.3
29	---	---	---	---	---	---	8.2	7.6	7.9	5.5	4.7	5.0
30	---	---	---	11.4	10.8	11.1	8.1	7.8	7.9	5.5	4.6	4.9
31	---	---	---	11.6	11.1	11.4	---	---	---	5.2	4.7	4.9
MONTH	---	---	---	11.6	10.8	11.2	11.6	7.6	9.7	8.5	4.6	6.5

DELAWARE RIVER BASIN

01477050 DELAWARE RIVER AT CHESTER, PA--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	5.3	4.7	5.0	5.5	4.7	5.1	5.0	3.8	4.3	5.5	5.2	5.3
2	5.3	4.8	5.0	5.4	4.5	4.9	4.6	3.9	4.2	5.3	5.1	5.2
3	5.1	4.7	4.9	5.2	4.3	4.8	4.4	3.8	4.0	5.2	4.9	5.1
4	5.2	4.6	4.8	5.3	4.3	4.9	4.1	3.8	3.9	5.1	4.7	4.9
5	5.4	4.9	5.1	5.4	4.8	5.2	4.0	3.6	3.8	5.5	4.7	5.0
6	5.7	5.2	5.4	5.3	4.9	5.1	4.1	3.6	3.9	6.2	5.4	5.7
7	5.5	5.2	5.3	5.4	5.0	5.1	4.3	4.0	4.1	5.8	5.4	5.7
8	5.5	5.2	5.3	5.5	4.9	5.1	4.5	4.2	4.3	5.7	5.0	5.3
9	5.4	5.1	5.3	5.2	4.8	5.0	4.6	4.4	4.5	6.0	5.3	5.8
10	5.4	5.1	5.2	5.0	4.7	4.9	4.9	4.4	4.6	6.0	5.0	5.4
11	5.6	5.2	5.4	5.0	4.6	4.8	5.1	4.7	4.9	5.5	4.6	5.0
12	5.9	5.2	5.5	---	---	---	5.1	4.6	4.8	5.2	4.5	4.8
13	6.2	5.4	5.7	5.5	4.4	4.8	5.2	4.7	5.0	5.0	4.6	4.7
14	6.2	5.8	5.9	4.6	4.2	4.3	5.0	4.6	4.8	5.2	4.6	4.8
15	6.1	5.8	5.9	4.9	4.1	4.4	---	---	---	5.3	5.1	5.2
16	5.9	5.2	5.4	5.1	4.2	4.5	---	---	---	5.3	5.0	5.1
17	5.5	4.6	4.9	4.7	4.1	4.4	5.4	4.6	5.0	5.1	4.8	4.9
18	5.2	4.4	4.7	4.8	4.1	4.4	5.5	4.9	5.2	6.0	5.0	5.4
19	5.1	4.2	4.6	4.6	4.2	4.3	5.6	5.1	5.3	6.9	5.5	6.2
20	5.2	4.5	4.8	4.2	4.0	4.1	5.8	5.2	5.3	7.3	6.8	7.0
21	5.5	4.8	5.1	4.1	3.7	3.9	5.5	5.2	5.4	7.4	7.0	7.2
22	5.5	5.2	5.4	4.1	3.7	3.9	5.6	5.3	5.4	7.8	7.1	7.3
23	5.3	4.8	5.1	4.1	3.8	3.9	5.6	5.2	5.4	7.5	7.2	7.3
24	5.3	4.7	5.0	4.1	3.8	3.9	5.8	5.3	5.5	7.4	7.1	7.3
25	5.1	4.5	4.8	4.7	3.9	4.3	6.8	5.4	5.7	7.2	7.0	7.1
26	5.0	4.3	4.6	4.8	4.5	4.6	5.8	5.5	5.7	7.0	6.8	6.9
27	5.4	4.4	4.8	4.9	4.6	4.8	5.6	5.3	5.5	7.0	6.6	6.8
28	5.3	4.8	5.0	5.2	4.5	4.7	5.6	5.2	5.3	6.9	6.5	6.6
29	5.4	4.9	5.1	4.6	4.3	4.5	5.5	5.2	5.3	---	---	---
30	5.4	4.7	5.1	4.3	3.8	4.1	5.5	5.2	5.3	---	---	---
31	---	---	---	4.3	3.7	3.9	5.6	5.2	5.4	---	---	---
MONTH	6.2	4.2	5.1	5.5	3.7	4.6	6.8	3.6	4.9	7.8	4.5	5.8