

## 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<sup>2</sup>, 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 fair. Data collection for pH and dissolved oxygen discontinued during winter months. Specific conductance and water temperature data collected for the entire year. 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.

**EXTREMES FOR CURRENT YEAR.**--

SPECIFIC CONDUCTANCE: Maximum, 4,390 microsiemens, Sept. 26; minimum, 171 microsiemens, May 22.

WATER TEMPERATURE: Maximum, 29.9°C, Aug. 5; minimum, 4.1°C, Jan. 19-22.

SPECIFIC CONDUCTANCE, MICROSIEMENS PER CENTIMETER AT 25° CELSIUS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	1120	522	784	1700	779	1140	2420	1160	1640	---	---	---
2	1110	524	746	1680	800	1130	2440	1160	1600	---	---	---
3	937	510	685	1610	807	1130	2570	1180	1600	---	---	---
4	827	497	654	1940	816	1180	---	---	---	---	---	---
5	843	497	649	1520	795	1140	---	---	---	---	---	---
6	841	483	630	1800	795	1160	2200	1130	1540	---	---	---
7	745	461	587	1840	846	1220	2180	1100	1510	---	---	---
8	725	459	574	2140	844	1300	2360	1090	1580	1070	565	752
9	1180	463	671	1920	829	1260	2190	1060	1540	1070	561	743
10	1020	503	677	2090	910	1320	2330	1100	1570	932	545	690
11	1170	494	697	1850	851	1210	2170	624	1470	1230	560	759
12	1410	505	757	2060	953	1370	2290	1060	1510	973	577	723
13	1470	541	823	2140	963	1380	2660	1120	1640	984	556	707
14	1480	564	938	2100	981	1390	2270	1110	1530	784	513	630
15	2100	669	1060	2260	973	1400	2040	982	1390	963	518	646
16	1440	609	982	2420	1040	1510	2250	1010	1420	891	522	670
17	1390	604	960	2560	1110	1590	2470	1040	1500	1030	523	692
18	1110	572	815	2700	1170	1700	2060	941	1340	---	---	---
19	1550	630	936	2420	1150	1610	1860	961	1310	960	519	679
20	1430	644	953	2110	1150	1560	1720	910	1240	1090	542	734
21	1540	668	994	2540	1120	1620	1260	733	982	981	544	729
22	1450	681	986	2470	1200	1660	1440	706	1010	837	532	646
23	1680	708	1050	2560	1160	1660	1440	748	1060	897	511	652
24	1720	759	1140	2550	1200	1750	1290	730	969	1100	526	706
25	1470	751	1100	2640	1240	1780	1150	657	874	---	---	---
26	1380	762	1040	2400	1180	1650	1200	632	859	842	517	649
27	1300	682	958	2320	1220	1680	1310	632	872	795	502	605
28	1580	678	1000	2320	1210	1640	1160	624	812	---	---	---
29	1680	753	1130	2580	1190	1680	1150	574	763	---	---	---
30	1510	743	1070	2430	1240	1710	1080	567	732	984	516	676
31	1740	797	1170	---	---	---	935	554	701	1150	513	711
MONTH	2100	459	878	2700	779	1450	2660	554	1260	1230	502	690



## DELAWARE RIVER BASIN

## 01477050 DELAWARE RIVER AT CHESTER, PA--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	7.4	7.2	7.3	7.4	7.2	7.3	7.1	6.9	7.0	---	---	---
2	7.3	7.1	7.2	7.4	7.2	7.3	7.1	7.0	7.0	---	---	---
3	7.3	7.1	7.2	7.3	7.1	7.2	---	---	---	---	---	---
4	7.2	7.1	7.2	7.3	7.1	7.2	---	---	---	---	---	---
5	7.2	7.0	7.1	7.3	7.2	7.2	---	---	---	---	---	---
6	7.2	7.1	7.2	7.3	7.2	7.2	---	---	---	---	---	---
7	7.3	7.1	7.2	7.3	7.2	7.3	---	---	---	---	---	---
8	7.3	7.2	7.2	7.4	7.2	7.3	---	---	---	---	---	---
9	7.4	7.2	7.3	7.4	7.2	7.3	---	---	---	---	---	---
10	7.4	7.2	7.3	7.4	7.3	7.3	---	---	---	---	---	---
11	7.3	7.2	7.3	7.4	7.3	7.3	---	---	---	---	---	---
12	7.3	7.2	7.2	7.4	7.3	7.3	---	---	---	---	---	---
13	7.3	7.1	7.2	7.4	7.3	7.3	---	---	---	---	---	---
14	7.3	7.1	7.2	7.4	7.3	7.3	---	---	---	---	---	---
15	7.3	7.1	7.2	7.4	7.2	7.3	---	---	---	---	---	---
16	7.3	7.1	7.2	7.3	7.2	7.3	---	---	---	---	---	---
17	7.3	7.2	7.2	7.3	7.2	7.2	---	---	---	---	---	---
18	7.3	7.2	7.3	7.4	7.2	7.3	---	---	---	---	---	---
19	7.4	7.2	7.3	7.3	7.2	7.3	---	---	---	---	---	---
20	7.3	7.2	7.2	7.4	7.2	7.3	---	---	---	---	---	---
21	7.3	7.1	7.2	7.4	7.2	7.3	---	---	---	---	---	---
22	7.3	7.1	7.2	7.4	7.2	7.3	---	---	---	---	---	---
23	7.3	7.1	7.2	7.4	7.2	7.3	---	---	---	---	---	---
24	7.2	7.1	7.2	7.3	7.2	7.3	---	---	---	---	---	---
25	7.3	7.1	7.2	7.3	7.2	7.3	---	---	---	---	---	---
26	7.4	7.2	7.2	7.3	7.1	7.2	---	---	---	---	---	---
27	7.4	7.3	7.3	7.2	7.1	7.2	---	---	---	---	---	---
28	7.5	7.3	7.4	7.2	7.0	7.1	---	---	---	---	---	---
29	7.5	7.3	7.4	7.2	7.0	7.1	---	---	---	---	---	---
30	7.5	7.2	7.3	7.1	7.0	7.0	---	---	---	---	---	---
31	7.4	7.3	7.4	---	---	---	---	---	---	---	---	---
MAX	7.5	7.3	7.4	7.4	7.3	7.3	7.1	7.0	7.0	---	---	---
MIN	7.2	7.0	7.1	7.1	7.0	7.0	7.1	6.9	7.0	---	---	---
DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	7.3	7.1	7.2	---	---	---
2	---	---	---	---	---	---	7.3	7.2	7.2	---	---	---
3	---	---	---	---	---	---	7.3	7.1	7.2	---	---	---
4	---	---	---	---	---	---	7.3	7.1	7.2	---	---	---
5	---	---	---	---	---	---	7.3	7.1	7.3	---	---	---
6	---	---	---	---	---	---	7.3	7.2	7.3	---	---	---
7	---	---	---	---	---	---	7.3	7.1	7.2	---	---	---
8	---	---	---	---	---	---	7.3	7.2	7.2	---	---	---
9	---	---	---	---	---	---	7.2	7.1	7.2	---	---	---
10	---	---	---	---	---	---	7.1	6.9	7.0	---	---	---
11	---	---	---	---	---	---	7.1	6.8	7.0	---	---	---
12	---	---	---	---	---	---	7.1	7.0	7.1	---	---	---
13	---	---	---	---	---	---	7.0	6.9	6.9	---	---	---
14	---	---	---	---	---	---	7.0	6.8	6.9	---	---	---
15	---	---	---	---	---	---	7.0	6.9	6.9	---	---	---
16	---	---	---	---	---	---	7.0	6.7	6.9	---	---	---
17	---	---	---	---	---	---	6.9	6.5	6.8	---	---	---
18	---	---	---	---	---	---	6.9	6.7	6.8	---	---	---
19	---	---	---	---	---	---	7.0	6.8	6.9	---	---	---
20	---	---	---	---	---	---	7.0	6.9	6.9	---	---	---
21	---	---	---	---	---	---	7.0	6.9	6.9	7.1	7.1	7.1
22	---	---	---	---	---	---	7.0	6.9	7.0	7.1	7.0	7.0
23	---	---	---	---	---	---	7.1	7.0	7.0	---	---	---
24	---	---	---	---	---	---	7.1	6.9	7.0	7.0	6.9	7.0
25	---	---	---	---	---	---	7.1	6.9	7.0	7.1	6.9	6.9
26	---	---	---	---	---	---	7.0	6.8	6.9	7.0	7.0	7.0
27	---	---	---	7.4	7.3	7.4	7.0	6.8	6.9	7.0	6.9	7.0
28	---	---	---	7.4	7.2	7.3	7.0	6.8	6.9	6.9	6.8	6.9
29	---	---	---	7.4	7.3	7.3	7.0	6.8	6.9	7.0	6.8	6.9
30	---	---	---	7.3	7.1	7.2	7.0	6.9	6.9	7.0	7.0	7.0
31	---	---	---	7.3	7.2	7.2	---	---	---	7.0	7.0	7.0
MAX	---	---	---	7.4	7.3	7.4	7.3	7.2	7.3	7.1	7.1	7.1
MIN	---	---	---	7.3	7.1	7.2	6.9	6.5	6.8	6.9	6.8	6.9

## DELAWARE RIVER BASIN

## 01477050 DELAWARE RIVER AT CHESTER, PA--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	7.0	6.9	7.0	6.9	6.8	6.9	7.0	6.7	6.8	7.5	7.3	7.4
2	7.0	6.9	6.9	7.0	6.8	6.9	6.9	6.7	6.9	7.5	7.2	7.4
3	7.1	7.0	7.1	6.9	6.7	6.8	7.0	6.8	6.9	7.4	7.2	7.3
4	7.1	7.0	7.1	6.8	6.6	6.8	7.0	6.8	6.9	7.4	7.2	7.3
5	7.1	7.0	7.1	6.9	6.7	6.8	7.0	6.8	6.9	7.3	7.1	7.2
6	7.1	7.0	7.0	6.9	6.7	6.8	7.1	6.9	7.0	7.3	7.1	7.2
7	7.1	7.0	7.1	6.9	6.8	6.8	7.2	7.0	7.1	7.3	7.1	7.2
8	7.0	7.0	7.0	6.9	6.8	6.9	7.2	7.0	7.1	7.2	7.0	7.1
9	7.0	7.0	7.0	6.9	6.8	6.9	7.2	7.0	7.1	7.2	7.0	7.1
10	7.0	6.8	6.9	6.9	6.8	6.8	7.2	7.0	7.1	7.2	7.0	7.1
11	6.9	6.8	6.8	7.0	6.9	6.9	7.2	7.0	7.1	7.2	7.0	7.1
12	6.9	6.8	6.8	7.1	6.9	7.0	7.2	7.0	7.1	7.2	7.1	7.2
13	6.8	6.7	6.8	7.1	6.9	7.0	7.2	7.0	7.1	7.3	7.2	7.2
14	6.8	6.8	6.8	7.0	6.8	6.9	7.1	6.9	7.0	7.3	7.2	7.2
15	6.9	6.8	6.8	6.9	6.8	6.8	7.1	7.0	7.1	7.3	7.2	7.2
16	6.9	6.8	6.8	6.9	6.7	6.8	7.1	7.0	7.1	7.3	7.1	7.3
17	6.9	6.8	6.8	7.0	6.8	6.9	---	---	---	7.3	7.2	7.2
18	6.8	6.6	6.7	7.0	6.8	6.9	---	---	---	7.4	7.1	7.2
19	6.8	6.6	6.7	6.9	6.8	6.8	---	---	---	7.3	7.1	7.2
20	6.8	6.6	6.7	7.0	6.7	6.8	7.3	7.1	7.2	7.3	7.1	7.2
21	6.8	6.7	6.7	7.0	6.8	6.9	7.3	7.1	7.2	7.2	7.1	7.2
22	6.7	6.6	6.7	7.0	6.8	6.9	7.3	7.2	7.2	7.2	7.1	7.2
23	6.8	6.7	6.7	7.0	6.9	6.9	7.3	7.0	7.2	7.2	7.1	7.2
24	6.8	6.7	6.7	7.0	6.9	7.0	7.2	7.1	7.1	7.3	7.2	7.2
25	6.8	6.6	6.7	7.1	7.0	7.0	7.2	7.0	7.1	7.3	7.2	7.2
26	6.8	6.6	6.7	7.2	7.0	7.1	7.2	7.0	7.1	7.4	7.2	7.3
27	6.8	6.7	6.7	7.2	6.9	7.0	7.2	7.0	7.1	7.4	7.2	7.3
28	6.8	6.7	6.7	7.1	6.9	7.0	7.2	7.0	7.1	7.4	7.2	7.3
29	6.8	6.7	6.8	7.0	6.8	6.9	7.3	7.2	7.2	7.4	7.2	7.3
30	6.9	6.8	6.8	7.0	6.8	6.9	7.3	7.2	7.2	7.4	7.2	7.3
31	---	---	---	7.0	6.8	6.9	7.4	7.2	7.2	---	---	---
MAX	7.1	7.0	7.1	7.2	7.0	7.1	7.4	7.2	7.2	7.5	7.3	7.4
MIN	6.7	6.6	6.7	6.8	6.6	6.8	6.9	6.7	6.8	7.2	7.0	7.1

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	21.0	20.0	20.5	15.5	15.0	15.5	14.0	13.5	14.0	---	---	---
2	20.5	20.0	20.5	16.0	15.5	15.5	14.0	13.5	13.5	---	---	---
3	21.0	20.0	20.5	16.0	15.5	16.0	13.5	13.0	13.5	---	---	---
4	21.5	20.5	21.0	16.0	15.5	15.5	---	---	---	---	---	---
5	21.5	20.5	21.0	16.0	15.0	15.5	---	---	---	---	---	---
6	21.5	20.5	21.0	15.0	14.5	15.0	13.5	13.0	13.5	---	---	---
7	20.5	19.5	20.0	15.0	14.5	14.5	13.5	13.0	13.5	---	---	---
8	19.5	19.0	19.0	15.0	14.5	14.5	13.5	12.5	13.0	5.0	4.5	5.0
9	19.0	18.5	19.0	15.0	14.0	14.5	13.0	12.5	12.5	5.0	4.5	4.5
10	19.0	18.5	18.5	14.5	14.0	14.0	12.5	12.0	12.0	5.0	4.5	4.5
11	19.5	18.5	19.0	14.0	13.5	13.5	12.5	12.0	12.0	5.5	4.5	5.0
12	19.5	18.5	19.0	13.5	13.0	13.0	12.5	12.0	12.0	5.0	4.5	5.0
13	20.0	18.5	19.5	13.0	12.5	13.0	12.5	11.5	12.0	5.0	4.5	5.0
14	20.0	19.0	19.5	13.0	12.5	13.0	12.5	12.0	12.0	5.0	4.5	4.5
15	20.0	19.0	19.5	13.0	12.5	13.0	12.0	11.5	12.0	5.0	4.5	5.0
16	19.5	19.0	19.0	13.5	13.0	13.0	11.5	11.0	11.5	5.0	4.5	5.0
17	19.0	18.0	18.5	13.5	13.0	13.0	11.5	11.0	11.0	5.0	4.5	5.0
18	18.0	17.5	18.0	13.0	12.5	12.5	11.5	11.0	11.5	---	---	---
19	18.0	17.5	17.5	13.0	12.5	13.0	11.0	11.0	11.0	4.5	4.0	4.5
20	18.0	17.5	17.5	13.0	12.5	13.0	11.0	10.0	10.5	4.5	4.0	4.5
21	18.0	17.5	17.5	12.5	12.0	12.5	10.0	9.5	10.0	4.5	4.0	4.5
22	18.5	17.5	18.0	12.0	12.0	12.0	10.0	9.5	9.5	5.0	4.0	4.5
23	18.5	18.0	18.0	12.0	11.5	12.0	9.5	9.0	9.5	4.5	4.5	4.5
24	19.0	18.0	18.5	12.0	11.5	12.0	10.0	9.5	9.5	5.0	4.5	5.0
25	19.0	18.5	18.5	12.5	12.0	12.5	9.5	9.0	9.0	---	---	---
26	18.5	17.5	18.0	13.0	12.5	13.0	9.0	8.5	8.5	5.5	5.0	5.0
27	17.5	16.5	17.0	13.0	12.5	13.0	8.5	8.0	8.0	5.5	5.0	5.5
28	16.5	15.5	16.0	13.5	12.5	13.0	8.0	7.5	7.5	---	---	---
29	16.5	15.5	16.0	13.5	13.0	13.5	7.5	7.0	7.5	---	---	---
30	16.0	15.5	16.0	14.0	13.0	13.5	7.5	6.5	7.0	6.0	5.5	5.5
31	15.5	15.5	15.5	---	---	---	6.5	6.0	6.5	6.0	5.5	6.0
MONTH	21.5	15.5	18.6	16.0	11.5	13.6	14.0	6.0	10.8	6.0	4.0	4.9



## DELAWARE RIVER BASIN

## 01477050 DELAWARE RIVER AT CHESTER, PA--Continued

## OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	<b>OCTOBER</b>			<b>NOVEMBER</b>			<b>DECEMBER</b>			<b>JANUARY</b>		
1	6.6	5.5	6.2	8.0	7.2	7.6	8.4	7.5	7.9	---	---	---
2	6.5	5.9	6.2	7.9	7.1	7.6	8.4	7.4	7.8	---	---	---
3	6.6	5.8	6.2	7.9	7.1	7.5	---	---	---	---	---	---
4	6.7	5.7	6.1	7.9	7.0	7.4	---	---	---	---	---	---
5	6.6	5.6	6.1	7.8	7.1	7.4	---	---	---	---	---	---
6	6.6	5.9	6.3	7.9	7.2	7.5	---	---	---	---	---	---
7	6.7	6.1	6.4	7.9	7.2	7.7	---	---	---	---	---	---
8	7.1	6.4	6.7	8.0	7.1	7.6	---	---	---	---	---	---
9	7.2	6.6	6.9	8.0	7.2	7.6	---	---	---	---	---	---
10	7.3	6.6	6.9	8.1	7.4	7.7	---	---	---	---	---	---
11	7.3	6.6	6.9	8.3	7.6	7.9	---	---	---	---	---	---
12	7.5	6.6	6.9	8.3	7.9	8.1	---	---	---	---	---	---
13	7.4	6.5	6.8	8.4	7.9	8.1	---	---	---	---	---	---
14	7.4	6.2	6.9	8.4	8.0	8.2	---	---	---	---	---	---
15	7.3	6.6	6.9	8.5	8.0	8.2	---	---	---	---	---	---
16	7.4	6.3	6.8	8.5	7.9	8.2	---	---	---	---	---	---
17	7.5	6.8	7.1	8.7	7.9	8.3	---	---	---	---	---	---
18	7.4	7.0	7.2	8.7	8.1	8.4	---	---	---	---	---	---
19	7.5	6.9	7.2	8.6	8.0	8.3	---	---	---	---	---	---
20	7.5	6.6	7.2	8.7	8.1	8.4	---	---	---	---	---	---
21	7.7	6.7	7.2	8.9	8.2	8.5	---	---	---	---	---	---
22	7.3	6.5	7.0	8.8	8.3	8.6	---	---	---	---	---	---
23	7.4	6.6	7.0	8.8	8.2	8.5	---	---	---	---	---	---
24	7.4	6.2	6.9	8.8	8.2	8.5	---	---	---	---	---	---
25	7.3	6.4	6.9	9.0	8.2	8.6	---	---	---	---	---	---
26	7.8	6.5	7.2	8.9	8.2	8.5	---	---	---	---	---	---
27	8.0	7.1	7.5	8.8	7.9	8.3	---	---	---	---	---	---
28	8.1	7.2	7.6	8.7	7.6	8.1	---	---	---	---	---	---
29	8.2	6.8	7.7	8.6	7.7	8.1	---	---	---	---	---	---
30	8.2	6.7	7.6	8.7	7.5	8.1	---	---	---	---	---	---
31	8.0	7.3	7.7	---	---	---	---	---	---	---	---	---
MONTH	8.2	5.5	6.9	9.0	7.0	8.1	8.4	7.4	7.8	---	---	---
	<b>FEBRUARY</b>			<b>MARCH</b>			<b>APRIL</b>			<b>MAY</b>		
1	---	---	---	---	---	---	9.7	9.3	9.5	---	---	---
2	---	---	---	---	---	---	9.7	9.4	9.6	---	---	---
3	---	---	---	---	---	---	9.8	9.5	9.7	---	---	---
4	---	---	---	---	---	---	9.8	9.6	9.7	---	---	---
5	---	---	---	---	---	---	9.9	9.6	9.7	---	---	---
6	---	---	---	---	---	---	10.0	9.6	9.8	---	---	---
7	---	---	---	---	---	---	10.0	9.7	9.8	---	---	---
8	---	---	---	---	---	---	10.2	9.8	9.9	---	---	---
9	---	---	---	---	---	---	10.2	9.9	10.0	---	---	---
10	---	---	---	---	---	---	10.2	9.9	10.1	---	---	---
11	---	---	---	---	---	---	10.1	9.8	9.9	---	---	---
12	---	---	---	---	---	---	10.0	9.7	9.9	---	---	---
13	---	---	---	---	---	---	9.8	9.4	9.6	---	---	---
14	---	---	---	---	---	---	9.7	9.2	9.4	---	---	---
15	---	---	---	---	---	---	9.7	8.9	9.1	---	---	---
16	---	---	---	---	---	---	9.1	8.5	8.9	---	---	---
17	---	---	---	---	---	---	8.8	7.9	8.4	---	---	---
18	---	---	---	---	---	---	8.6	8.3	8.5	---	---	---
19	---	---	---	---	---	---	8.4	7.9	8.2	---	---	---
20	---	---	---	---	---	---	8.0	7.6	7.8	---	---	---
21	---	---	---	---	---	---	7.6	7.3	7.5	7.9	7.5	7.7
22	---	---	---	---	---	---	7.5	6.7	7.2	7.9	7.6	7.7
23	---	---	---	---	---	---	7.1	6.6	6.9	---	---	---
24	---	---	---	---	---	---	6.9	6.6	6.8	7.8	7.5	7.6
25	---	---	---	---	---	---	6.7	6.4	6.5	7.7	7.5	7.6
26	---	---	---	---	---	---	6.7	6.3	6.5	7.6	7.4	7.5
27	---	---	---	9.8	9.7	9.8	6.5	6.2	6.3	7.6	7.2	7.4
28	---	---	---	9.7	9.5	9.6	6.3	6.0	6.2	7.4	7.1	7.2
29	---	---	---	9.7	9.5	9.5	6.4	6.0	6.2	7.3	6.9	7.1
30	---	---	---	9.7	9.5	9.6	6.5	6.1	6.3	7.3	6.9	7.1
31	---	---	---	9.6	9.4	9.5	---	---	---	7.3	6.9	7.1
MONTH	---	---	---	9.8	9.4	9.6	10.2	6.0	8.5	7.9	6.9	7.4

## DELAWARE RIVER BASIN

## 01477050 DELAWARE RIVER AT CHESTER, PA--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	7.6	7.0	7.3	4.9	4.3	4.6	5.5	4.3	5.0	6.8	6.0	6.4
2	7.7	7.1	7.4	5.0	4.4	4.7	5.5	4.3	4.9	6.8	6.0	6.4
3	7.7	7.2	7.4	4.9	4.2	4.6	5.4	4.3	4.9	6.8	6.0	6.4
4	7.6	7.1	7.4	4.9	4.0	4.5	5.3	4.0	4.7	6.8	5.9	6.3
5	7.5	7.3	7.4	5.1	3.9	4.5	5.3	4.3	4.7	6.6	5.5	6.1
6	7.3	7.0	7.1	5.4	4.3	4.8	5.5	4.3	4.9	6.6	5.5	6.1
7	7.0	6.6	6.9	5.4	4.6	5.0	5.7	4.8	5.3	6.6	5.5	6.1
8	7.0	6.4	6.7	5.6	4.7	5.2	5.9	4.8	5.4	6.4	5.5	6.0
9	6.5	5.9	6.2	5.7	4.9	5.3	6.0	4.8	5.5	6.4	5.4	6.0
10	6.0	5.6	5.8	5.8	4.8	5.3	6.0	4.8	5.5	6.2	5.2	5.8
11	5.8	5.5	5.6	5.9	4.9	5.4	5.9	5.1	5.5	6.1	5.4	5.8
12	5.8	5.4	5.6	6.0	5.0	5.5	5.9	4.9	5.4	6.3	5.6	5.9
13	5.7	5.4	5.5	5.9	5.0	5.5	5.6	4.8	5.2	6.5	5.7	6.1
14	5.8	5.5	5.7	5.8	4.8	5.3	5.6	4.7	5.2	6.4	5.8	6.1
15	5.9	5.4	5.6	5.6	4.8	5.2	5.6	4.9	5.3	6.5	5.7	6.2
16	5.7	5.3	5.5	5.6	4.8	5.2	5.7	5.0	5.3	6.5	5.9	6.2
17	5.7	5.3	5.5	6.0	4.8	5.3	---	---	---	6.5	5.8	6.1
18	5.5	5.1	5.3	5.9	5.0	5.4	---	---	---	6.5	5.8	6.2
19	5.4	4.9	5.1	5.7	4.7	5.2	---	---	---	6.4	5.6	6.0
20	5.2	4.6	4.8	5.9	4.5	5.0	5.7	4.8	5.3	6.4	5.6	6.0
21	4.7	4.4	4.5	5.5	4.2	4.9	5.7	4.9	5.4	6.3	5.5	5.9
22	4.7	4.2	4.4	5.5	4.4	5.0	5.7	5.0	5.4	6.3	5.4	5.9
23	4.8	4.3	4.6	5.5	4.7	5.2	5.8	4.8	5.3	6.2	5.6	6.0
24	5.0	4.5	4.7	5.5	4.7	5.2	5.7	5.0	5.3	6.3	5.6	6.0
25	5.1	4.4	4.7	5.8	5.0	5.5	5.5	4.7	5.1	6.4	5.8	6.1
26	5.1	4.2	4.6	5.9	5.2	5.5	5.4	4.6	5.1	6.6	5.9	6.3
27	5.1	4.5	4.8	5.8	4.8	5.4	5.4	4.5	5.0	6.9	6.3	6.6
28	5.2	4.3	4.7	5.5	4.5	5.1	5.8	4.7	5.3	6.7	6.0	6.4
29	4.8	4.2	4.5	5.4	4.5	5.0	6.0	5.4	5.8	6.8	5.9	6.3
30	4.8	4.2	4.5	5.5	4.5	5.0	6.0	5.3	5.7	6.8	5.7	6.2
31	---	---	---	5.5	4.5	5.1	6.3	5.2	5.8	---	---	---
MONTH	7.7	4.2	5.7	6.0	3.9	5.1	6.3	4.0	5.3	6.9	5.2	6.1