

## DELAWARE RIVER BASIN

## 01482800 DELAWARE RIVER AT REEDY ISLAND JETTY, DE

**LOCATION.**--Lat 39°30'03", long 75°34'07", New Castle County, Delaware, Hydrologic Unit 02040205, on dock on streamward side of jetty about 0.4 mi downstream from Reedy Island near Port Penn.

**DRAINAGE AREA.**--11,200 mi<sup>2</sup>, approximately.

**PERIOD OF RECORD.**--Water year 1997 to current year.

**PERIOD OF DAILY RECORD.**--

SPECIFIC CONDUCTANCE: October 1963 to current year.

pH: February 1970 to current year.

WATER TEMPERATURES: February 1970 to current year.

DISSOLVED OXYGEN: February 1970 to current year.

**INSTRUMENTATION.**--Water-quality monitor since February 1970. Probes interfaced with a data collection platform since the 1986 water year. Probes placed in situ since July 1998.

**REMARKS.**--Specific conductance and water temperature records rated good. Dissolved oxygen record rated poor, except for periods Mar. 1-8, Apr. 28 to May 11, June 13-29, and July 10 to Aug. 19, which are good. pH records rated good except for period Oct. 27 to Nov. 8, which is fair. Interruptions in the record were due to malfunctions of the equipment.

**EXTREMES FOR PERIOD OF DAILY RECORD.**--

SPECIFIC CONDUCTANCE: Maximum, 35,600 microsiemens, Nov. 15, 1978; minimum, 100 microsiemens, several days in 1969, 1970, 1974 and 1979.

pH: Maximum, 8.9, Mar. 4, 1980; minimum, 5.4, Dec. 31, 1972.

WATER TEMPERATURE: Maximum, 32.5°C, July 23, 1987; minimum, 0.0°C, many days during winters.

DISSOLVED OXYGEN: Maximum, 17.1 mg/L, Dec. 16, 19, 1976; minimum, 0.3 mg/L, Sept. 16, 17, 1971.

**EXTREMES FOR CURRENT YEAR.**--

SPECIFIC CONDUCTANCE: Maximum, 22,000 microsiemens, Oct. 5; minimum, 175 microsiemens, Mar. 31.

pH: Maximum 8.0, Feb. 17-20; minimum, 6.8, June 25-27.

WATER TEMPERATURE: Maximum, 29.0°C, Aug. 20, 22; minimum recorded, 0.0°C, many days during winter.

DISSOLVED OXYGEN: Maximum, 12.9 mg/L, Mar. 9-12; minimum recorded, 3.8 mg/L, Aug. 17.

SPECIFIC CONDUCTANCE, MICROSIEMENS PER CENTIMETER AT 25° CELSIUS, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	20600	14400	16600	16600	7700	12400	6000	1490	3070	8540	1760	3550
2	19400	14100	15700	15000	7680	10400	8120	1490	2900	8950	1770	3700
3	20100	13800	15600	15200	7490	9980	6940	1420	2330	8200	1660	3900
4	22000	14500	17100	17100	7950	10900	10100	1620	4080	6700	796	2800
5	22000	14800	17400	16300	8020	10800	10500	2200	5040	5340	898	1690
6	19500	14300	16300	16500	8010	11400	12400	3520	6600	4280	924	1440
7	21300	15000	17400	14200	7500	9670	12100	3610	6480	2410	672	1020
8	20800	14600	16700	16400	7460	10800	9540	3510	5050	3840	700	1630
9	20700	15100	17100	12100	6990	8580	8660	2900	4760	4940	720	1990
10	20700	15100	17300	14200	6980	9150	10200	3390	6060	6650	890	3290
11	19700	15400	17200	12500	6720	8940	12500	4000	7230	6840	1590	3120
12	18600	14200	16400	11200	5990	8040	12100	5070	8440	8300	1690	4960
13	20500	13800	16500	13400	6150	9490	10600	3550	6980	11000	3590	7460
14	18200	12100	14300	14700	6290	10500	13000	4240	8540	11600	3210	7560
15	18700	11600	14500	13200	6450	9250	9080	3070	5580	14300	4610	9510
16	19200	12700	15600	13900	6080	8650	9520	2220	4850	13100	5140	8580
17	18700	11300	14500	15900	7330	11300	10100	2580	5320	14800	5450	8790
18	17400	9980	12800	13900	4770	8230	11400	2590	5960	14000	5790	8600
19	17400	8700	12300	6720	3250	4800	10400	3140	5330	15000	6220	9910
20	12700	7970	9630	9110	3030	4350	10000	3050	5280	10600	4600	7670
21	14000	7100	9520	9540	2470	4310	8370	2080	4170	10800	4070	6100
22	14400	6520	9640	10000	2470	4670	5290	1970	2740	9870	3640	6030
23	12300	6690	9130	5810	1630	3060	5650	1360	2420	8320	3230	4930
24	12900	6460	8520	4280	1630	2230	4540	1220	1970	12100	3140	6770
25	14100	6800	9240	5630	1590	2350	8140	1230	3170	15000	6070	11000
26	14500	6850	10200	8520	1580	3300	2900	1060	1580	16900	6240	10300
27	13500	6570	9530	8230	1950	4200	6960	902	2840	13100	4830	9030
28	13500	6100	9040	10200	2000	5250	7260	1110	3030	16100	7610	11300
29	13800	5760	9820	9550	1960	5180	8950	1120	3290	15200	6690	10700
30	15000	7460	11200	8470	2210	4180	9090	1340	3480	16400	8060	10900
31	17800	8740	13100	---	---	---	9350	1760	3790	17400	8740	12000
MONTH	22000	5760	13500	17100	1580	7550	13000	902	4590	17400	672	6460



## DELAWARE RIVER BASIN

## 01482800 DELAWARE RIVER AT REEDY ISLAND JETTY, DE--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	7.3	7.2	7.3	7.6	7.6	7.6	7.6	7.5	7.5	7.6	7.4	7.4
2	7.2	7.1	7.2	7.7	7.6	7.6	7.6	7.5	7.5	7.6	7.4	7.5
3	7.2	7.1	7.1	7.8	7.6	7.7	7.6	7.5	7.6	7.6	7.4	7.5
4	7.3	7.1	7.2	7.8	7.8	7.8	7.7	7.5	7.6	7.5	7.4	7.5
5	7.3	7.2	7.3	7.8	7.6	7.6	7.7	7.6	7.6	7.5	7.3	7.4
6	7.3	7.2	7.3	7.8	7.6	7.6	7.8	7.6	7.7	7.4	7.3	7.4
7	7.3	7.2	7.2	7.9	7.8	7.9	7.8	7.6	7.7	7.4	7.3	7.4
8	7.3	7.2	7.3	7.9	7.7	7.8	7.7	7.6	7.6	7.5	7.4	7.4
9	7.3	7.3	7.3	7.8	7.7	7.7	7.7	7.6	7.6	7.5	7.4	7.4
10	7.3	7.3	7.3	7.8	7.7	7.7	7.7	7.6	7.6	7.5	7.4	7.4
11	7.3	7.3	7.3	7.8	7.7	7.7	7.8	7.6	7.7	7.6	7.4	7.5
12	7.4	7.3	7.3	7.8	7.7	7.7	7.8	7.6	7.7	7.6	7.5	7.6
13	7.3	7.3	7.3	7.8	7.7	7.8	7.7	7.6	7.6	7.7	7.6	7.6
14	7.4	7.3	7.3	7.8	7.7	7.8	7.8	7.6	7.7	7.7	7.5	7.6
15	7.5	7.3	7.4	7.8	7.7	7.7	7.6	7.4	7.5	7.8	7.6	7.7
16	7.6	7.4	7.5	7.7	7.6	7.7	7.6	7.4	7.4	7.7	7.6	7.6
17	7.6	7.5	7.5	7.8	7.6	7.7	7.6	7.4	7.5	7.8	7.6	7.6
18	7.5	7.5	7.5	7.7	7.5	7.6	7.6	7.3	7.5	7.8	7.6	7.7
19	7.6	7.4	7.5	7.6	7.4	7.5	7.6	7.3	7.4	7.8	7.6	7.7
20	7.5	7.3	7.4	7.6	7.4	7.5	7.6	7.3	7.4	7.7	7.6	7.7
21	7.5	7.3	7.4	7.6	7.3	7.5	7.5	7.3	7.4	7.7	7.6	7.6
22	7.4	7.3	7.4	7.6	7.3	7.4	7.4	7.3	7.3	7.7	7.6	7.6
23	7.4	7.3	7.3	7.5	7.3	7.4	7.4	7.3	7.3	7.9	7.6	7.6
24	7.4	7.3	7.4	7.5	7.3	7.4	7.4	7.3	7.3	7.8	7.6	7.7
25	7.4	7.3	7.4	7.5	7.3	7.4	7.5	7.3	7.4	7.8	7.6	7.7
26	7.4	7.3	7.4	7.6	7.3	7.4	7.6	7.4	7.4	7.8	7.6	7.7
27	7.5	7.3	7.4	7.6	7.4	7.4	7.6	7.4	7.4	7.8	7.6	7.7
28	7.5	7.4	7.4	7.6	7.4	7.5	7.5	7.4	7.4	7.8	7.7	7.7
29	7.6	7.5	7.5	7.6	7.4	7.5	7.6	7.4	7.4	7.8	7.6	7.7
30	7.6	7.5	7.6	7.6	7.4	7.5	7.6	7.4	7.4	7.8	7.7	7.7
31	7.6	7.5	7.5	---	---	---	7.6	7.4	7.4	7.8	7.7	7.7
MAX	7.6	7.5	7.6	7.9	7.8	7.9	7.8	7.6	7.7	7.9	7.7	7.7
MIN	7.2	7.1	7.1	7.5	7.3	7.4	7.4	7.3	7.3	7.4	7.3	7.4

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
FEBRUARY			MARCH			APRIL			MAY			
1	7.8	7.7	7.7	7.7	7.4	7.5	7.5	7.3	7.3	7.5	7.3	7.3
2	7.8	7.7	7.7	7.6	7.4	7.4	7.4	7.2	7.2	7.5	7.2	7.3
3	7.7	7.6	7.7	7.5	7.3	7.4	7.2	7.1	7.2	7.4	7.3	7.3
4	7.8	7.7	7.7	7.5	7.3	7.4	7.3	7.1	7.2	7.5	7.3	7.3
5	7.8	7.6	7.7	7.4	7.3	7.4	7.3	7.1	7.2	7.4	7.2	7.2
6	7.7	7.6	7.7	7.4	7.3	7.3	7.3	7.1	7.2	7.3	7.1	7.2
7	7.8	7.6	7.7	7.4	7.3	7.3	7.2	7.1	7.2	7.3	7.1	7.2
8	7.8	7.7	7.7	7.5	7.2	7.3	7.3	7.2	7.3	7.3	7.1	7.1
9	7.8	7.7	7.7	7.4	7.2	7.3	7.4	7.2	7.3	7.4	7.1	7.2
10	7.8	7.6	7.7	7.4	7.3	7.3	7.5	7.3	7.5	7.3	7.1	7.1
11	7.8	7.7	7.8	7.5	7.3	7.4	7.6	7.5	7.6	7.4	7.1	7.1
12	7.9	7.7	7.8	7.5	7.3	7.4	7.8	7.5	7.7	7.4	7.1	7.2
13	7.8	7.7	7.8	7.5	7.3	7.4	7.8	7.4	7.6	7.4	7.2	7.3
14	7.9	7.7	7.8	7.7	7.4	7.6	7.7	7.4	7.5	7.6	7.2	7.3
15	7.9	7.7	7.8	7.8	7.4	7.5	7.7	7.4	7.4	7.6	7.3	7.3
16	7.9	7.8	7.8	7.8	7.4	7.5	7.5	7.3	7.4	7.5	7.3	7.4
17	8.0	7.8	7.9	7.8	7.4	7.5	7.6	7.4	7.4	7.6	7.4	7.4
18	8.0	7.8	7.9	7.7	7.4	7.5	7.7	7.4	7.5	7.5	7.3	7.4
19	8.0	7.8	7.9	7.8	7.4	7.5	7.6	7.4	7.5	7.4	7.3	7.3
20	8.0	7.8	7.8	7.6	7.4	7.5	7.6	7.4	7.5	7.4	7.3	7.3
21	7.9	7.8	7.8	7.5	7.3	7.3	7.6	7.4	7.5	7.3	7.3	7.3
22	7.9	7.8	7.8	7.3	7.3	7.3	7.6	7.4	7.4	7.4	7.3	7.3
23	7.9	7.7	7.8	7.3	7.3	7.3	7.6	7.4	7.5	7.4	7.3	7.4
24	7.7	7.6	7.6	7.3	7.3	7.3	7.6	7.4	7.5	7.4	7.3	7.4
25	7.6	7.5	7.6	7.4	7.3	7.3	7.8	7.4	7.5	7.4	7.4	7.4
26	7.7	7.5	7.6	7.4	7.3	7.3	7.8	7.5	7.6	7.5	7.3	7.4
27	7.8	7.5	7.6	7.3	7.3	7.3	7.8	7.4	7.5	7.5	7.3	7.4
28	7.8	7.6	7.6	7.3	7.2	7.3	7.7	7.3	7.5	7.5	7.4	7.4
29	---	---	---	7.3	7.2	7.3	7.6	7.3	7.3	7.5	7.4	7.4
30	---	---	---	7.3	7.2	7.3	7.5	7.3	7.3	7.5	7.4	7.4
31	---	---	---	7.5	7.2	7.3	---	---	---	7.5	7.4	7.4
MAX	8.0	7.8	7.9	7.8	7.4	7.6	7.8	7.5	7.7	7.6	7.4	7.4
MIN	7.6	7.5	7.6	7.3	7.2	7.3	7.2	7.1	7.2	7.3	7.1	7.1

## DELAWARE RIVER BASIN

## 01482800 DELAWARE RIVER AT REEDY ISLAND JETTY, DE--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	7.6	7.4	7.5	7.0	6.9	7.0	7.4	7.3	7.3	7.3	7.2	7.3
2	7.6	7.5	7.5	7.1	7.0	7.1	7.4	7.3	7.3	7.3	7.2	7.3
3	7.6	7.4	7.5	7.2	7.1	7.1	7.4	7.3	7.4	7.3	7.2	7.3
4	7.5	7.4	7.5	7.2	7.0	7.1	7.4	7.3	7.4	7.3	7.2	7.3
5	7.5	7.4	7.5	7.2	7.1	7.1	7.4	7.3	7.3	7.3	7.2	7.3
6	7.5	7.4	7.4	7.2	7.1	7.1	7.4	7.3	7.3	7.3	7.2	7.3
7	7.6	7.4	7.4	7.2	7.1	7.2	7.4	7.3	7.3	7.3	7.2	7.2
8	7.5	7.3	7.4	7.2	7.1	7.2	7.4	7.2	7.3	7.3	7.1	7.1
9	7.4	7.3	7.3	7.3	7.2	7.2	7.4	7.3	7.3	7.3	7.2	7.3
10	7.4	7.3	7.3	7.2	7.1	7.2	7.4	7.3	7.4	7.4	7.2	7.3
11	7.3	7.3	7.3	7.2	7.1	7.2	7.4	7.3	7.3	7.3	7.1	7.3
12	7.3	7.2	7.3	7.2	7.1	7.2	7.4	7.3	7.3	7.4	7.2	7.3
13	7.3	7.0	7.3	7.2	7.1	7.2	7.3	7.2	7.3	7.5	7.4	7.4
14	7.1	7.0	7.0	7.2	7.1	7.2	7.3	7.2	7.3	7.4	7.4	7.4
15	7.1	6.9	7.0	7.3	7.1	7.2	7.3	7.2	7.2	7.4	7.4	7.4
16	7.0	7.0	7.0	7.2	7.2	7.2	7.3	7.2	7.2	7.4	7.3	7.3
17	7.1	7.0	7.0	7.3	7.2	7.2	7.3	7.2	7.2	7.4	7.3	7.3
18	7.0	7.0	7.0	7.2	7.2	7.2	7.3	7.2	7.2	7.6	7.3	7.4
19	7.0	7.0	7.0	7.2	7.2	7.2	7.3	7.1	7.2	7.7	7.4	7.6
20	7.0	7.0	7.0	7.3	7.2	7.3	7.4	7.2	7.3	7.4	7.4	7.4
21	7.0	7.0	7.0	7.4	7.3	7.3	7.4	7.2	7.3	7.4	7.3	7.4
22	7.0	6.9	7.0	7.4	7.2	7.3	7.4	7.2	7.3	7.4	7.3	7.4
23	7.0	6.9	6.9	7.4	7.3	7.3	7.4	7.2	7.3	7.4	7.3	7.4
24	7.0	6.9	6.9	7.4	7.2	7.4	7.5	7.3	7.4	7.4	7.2	7.3
25	7.0	6.8	6.9	7.5	7.3	7.4	7.5	7.3	7.3	7.3	7.2	7.3
26	7.0	6.8	6.9	7.5	7.2	7.4	7.4	7.3	7.3	7.3	7.1	7.2
27	7.0	6.8	6.9	7.5	7.3	7.4	7.4	7.2	7.3	7.2	7.1	7.2
28	7.0	6.9	6.9	7.5	7.3	7.4	7.3	7.2	7.3	7.2	7.1	7.2
29	7.0	6.9	7.0	7.4	7.2	7.4	7.4	7.2	7.3	7.3	7.1	7.2
30	7.0	6.9	7.0	7.4	7.3	7.4	7.3	7.2	7.2	7.3	7.1	7.2
31	---	---	---	7.4	7.2	7.3	7.3	7.2	7.3	---	---	---
MAX	7.6	7.5	7.5	7.5	7.3	7.4	7.5	7.3	7.4	7.7	7.4	7.6
MIN	7.0	6.8	6.9	7.0	6.9	7.0	7.3	7.1	7.2	7.2	7.1	7.1
YEAR	MAX			MAXIMUM 8.0	MINIMUM 7.0							
	MIN			MAXIMUM 7.8	MINIMUM 6.8							
	MEDIAN			MAXIMUM 7.9	MINIMUM 6.9							

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	23.0	22.5	22.5	12.5	12.0	12.5	7.5	6.0	7.0	4.0	3.5	4.0
2	23.5	22.5	23.0	12.0	11.5	12.0	7.0	6.0	6.5	4.5	4.0	4.0
3	23.5	23.0	23.0	11.5	11.0	11.5	6.5	5.0	5.5	4.5	4.0	4.0
4	23.5	23.0	23.5	11.5	11.0	11.0	6.0	5.0	5.0	4.5	4.0	4.0
5	24.0	23.5	23.5	11.0	11.0	11.0	5.5	4.5	5.0	4.0	3.5	3.5
6	23.5	22.5	23.0	11.0	10.5	11.0	5.0	4.0	4.5	4.0	3.5	3.5
7	23.0	22.5	23.0	11.0	10.5	10.5	4.5	4.0	4.0	3.5	2.5	3.5
8	22.5	21.0	22.0	10.5	10.0	10.5	4.5	4.0	4.0	3.5	3.0	3.5
9	22.0	21.0	21.5	10.5	10.0	10.5	4.0	3.0	3.5	3.5	3.0	3.5
10	21.5	21.0	21.0	11.5	10.5	11.0	4.0	3.5	3.5	3.5	3.5	3.5
11	21.0	20.5	21.0	11.5	11.0	11.5	4.0	3.5	3.5	3.5	2.5	3.0
12	21.0	20.5	20.5	11.5	11.5	11.5	4.0	3.5	4.0	3.5	2.5	3.0
13	20.5	20.0	20.5	11.5	11.0	11.5	4.0	3.5	4.0	3.0	2.0	2.5
14	20.5	19.0	20.0	11.5	11.0	11.0	4.5	4.0	4.0	3.0	2.0	2.5
15	19.5	18.5	19.0	11.5	11.0	11.5	4.5	4.0	4.0	3.0	2.0	2.5
16	19.0	18.0	18.5	11.5	11.0	11.0	4.5	3.5	4.0	2.5	1.5	2.0
17	18.5	17.5	18.0	11.0	10.5	11.0	4.0	3.5	4.0	2.5	1.5	2.0
18	18.0	17.5	17.5	11.0	10.0	10.5	4.0	3.5	3.5	2.0	0.5	1.5
19	17.5	17.0	17.0	10.0	9.5	10.0	4.0	3.5	3.5	1.5	1.0	1.0
20	17.0	16.5	17.0	10.5	9.5	10.0	4.5	4.0	4.0	1.0	0.5	1.0
21	17.0	16.5	16.5	10.5	9.5	10.0	4.5	4.0	4.0	1.0	0.0	0.5
22	16.5	16.0	16.0	10.5	10.0	10.0	4.0	3.5	4.0	0.5	0.0	0.0
23	16.5	15.5	16.0	10.5	9.0	9.5	4.5	3.5	4.0	0.0	0.0	0.0
24	16.0	15.0	15.5	9.5	8.5	9.0	4.0	3.5	4.0	0.0	0.0	0.0
25	15.5	14.5	15.0	9.5	8.5	9.0	4.5	3.5	4.0	0.0	0.0	0.0
26	15.0	14.5	15.0	9.5	8.5	9.0	3.5	3.0	3.5	0.0	0.0	0.0
27	15.0	14.5	15.0	9.5	8.0	9.0	3.5	3.0	3.5	0.0	0.0	0.0
28	15.0	14.5	14.5	8.5	8.0	8.5	3.5	3.0	3.5	0.0	0.0	0.0
29	14.5	13.5	14.0	8.5	7.5	8.0	4.0	3.0	3.5	0.0	0.0	0.0
30	13.5	12.5	13.0	8.0	7.5	7.5	3.5	3.0	3.5	0.0	0.0	0.0
31	13.0	12.5	12.5	---	---	---	4.0	3.5	3.5	0.0	0.0	0.0
MONTH	24.0	12.5	18.6	12.5	7.5	10.3	7.5	3.0	4.1	4.5	0.0	1.9



## DELAWARE RIVER BASIN

## 01482800 DELAWARE RIVER AT REEDY ISLAND JETTY, DE--Continued

OXYGEN, DISSOLVED (MG/L), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

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	6.8	6.3	6.6	8.2	7.8	8.0	11.0	10.1	10.6	---	---	---
2	6.8	6.3	6.6	8.3	7.9	8.1	11.5	10.0	10.5	---	---	---
3	6.6	6.2	6.5	8.3	8.0	8.2	10.2	9.7	9.9	---	---	---
4	6.8	6.2	6.5	8.4	8.0	8.3	9.8	9.3	9.5	---	---	---
5	6.6	6.2	6.5	8.5	8.2	8.3	9.4	9.1	9.3	---	---	---
6	6.7	6.4	6.6	8.7	8.3	8.5	9.3	8.9	9.1	10.2	9.2	9.6
7	6.6	6.3	6.5	8.8	8.5	8.6	9.3	8.8	8.9	9.9	8.8	9.3
8	6.8	6.4	6.6	---	---	---	9.1	8.8	8.9	9.7	8.8	9.1
9	6.8	6.4	6.6	---	---	---	9.3	9.0	9.1	9.2	8.7	9.0
10	6.8	6.4	6.6	---	---	---	9.2	8.8	8.9	9.3	8.7	9.1
11	6.8	6.5	6.7	---	---	---	9.2	8.8	9.0	9.4	8.8	9.1
12	6.8	6.6	6.7	---	---	---	9.2	8.5	8.8	9.4	8.8	9.1
13	6.8	6.4	6.7	---	---	---	9.2	8.7	8.9	9.2	8.6	8.9
14	7.1	5.6	6.8	---	---	---	9.2	8.7	8.8	10.7	8.4	9.4
15	7.2	6.7	6.9	---	---	---	9.5	8.8	9.0	8.8	8.2	8.4
16	7.2	6.9	7.0	---	---	---	9.5	9.0	9.2	9.0	7.8	8.3
17	7.2	6.9	7.1	---	---	---	10.0	9.3	9.5	8.6	7.8	8.2
18	7.2	7.0	7.1	---	---	---	9.9	9.1	9.4	8.2	7.8	8.1
19	7.4	7.0	7.2	---	---	---	10.1	9.4	9.7	8.2	7.9	8.1
20	7.3	6.7	7.0	---	---	---	10.4	9.6	9.8	8.4	7.8	8.1
21	7.2	6.6	7.1	---	---	---	10.4	9.8	10.1	9.1	7.7	8.3
22	7.5	7.0	7.3	---	---	---	10.3	9.6	10.0	12.0	6.9	8.5
23	7.8	7.3	7.5	---	---	---	10.4	9.6	9.9	11.7	5.2	9.3
24	8.1	7.6	7.9	---	---	---	11.1	10.0	10.4	11.7	8.5	9.5
25	8.5	8.0	8.2	9.8	9.2	9.5	11.2	10.7	10.9	10.3	8.7	9.3
26	8.7	8.2	8.4	10.2	9.5	9.8	11.9	11.0	11.4	9.2	8.6	8.8
27	8.7	7.6	8.1	10.2	9.7	9.9	12.5	11.4	11.8	10.4	8.6	9.3
28	7.9	7.5	7.8	10.3	9.6	10	---	---	---	9.2	8.4	8.8
29	8.1	7.6	7.9	10.4	9.9	10.1	---	---	---	8.8	8.5	8.6
30	8.2	7.8	8.0	10.6	10.0	10.3	---	---	---	8.7	8.3	8.6
31	8.2	7.8	8.0	---	---	---	---	---	---	8.9	8.3	8.5
MONTH	8.7	5.6	7.1	10.6	7.8	9.0	12.5	8.5	9.7	12.0	5.2	8.8
	<b>FEBRUARY</b>			<b>MARCH</b>			<b>APRIL</b>			<b>MAY</b>		
1	9.2	8.3	8.5	---	---	---	10.6	8.6	10.1	8.8	8.4	8.6
2	8.5	8.2	8.3	12.8	12.3	12.5	10.4	9.2	9.9	8.6	8.2	8.4
3	---	---	---	12.7	12.3	12.5	9.3	9.1	9.2	8.5	8.1	8.3
4	---	---	---	12.7	12.3	12.5	9.2	9.0	9.1	8.3	8.0	8.1
5	---	---	---	12.6	12.3	12.4	9.2	9.0	9.1	8.2	7.8	8.0
6	---	---	---	12.7	12.3	12.4	9.3	9.0	9.1	8.0	7.6	7.9
7	---	---	---	12.6	12.2	12.4	9.4	9.0	9.3	7.8	7.4	7.6
8	---	---	---	12.7	12.2	12.4	9.7	9.3	9.5	7.5	6.9	7.3
9	---	---	---	12.9	12.3	12.6	10.0	9.5	9.8	7.7	7.0	7.3
10	---	---	---	12.9	12.6	12.7	10.1	9.8	10	7.4	7.0	7.2
11	---	---	---	12.9	12.7	12.8	10.2	10.0	10.1	7.4	6.9	7.1
12	---	---	---	12.9	12.7	12.8	10.2	10.0	10.1	7.6	7.0	7.3
13	---	---	---	12.8	12.5	12.6	10.2	9.6	9.9	8.0	7.3	7.7
14	---	---	---	12.8	12.3	12.5	9.7	9.3	9.5	8.1	7.7	7.9
15	---	---	---	12.5	11.9	12.3	9.4	9.0	9.2	8.3	7.7	8.0
16	---	---	---	12.0	9.8	11.4	9.1	8.7	8.9	8.4	8.0	8.2
17	---	---	---	10.4	8.8	9.7	9.1	8.7	8.9	8.4	8.0	8.2
18	---	---	---	10.5	8.5	9.6	9.0	8.5	8.8	8.3	7.8	8.1
19	---	---	---	10.2	8.4	9.4	8.8	8.4	8.6	8.3	7.7	8.1
20	---	---	---	10.1	8.5	9.4	8.7	8.4	8.6	8.1	7.6	7.9
21	---	---	---	10.9	9.2	10.0	8.8	8.4	8.6	7.9	7.5	7.8
22	---	---	---	11.7	10.7	11.3	8.8	8.4	8.6	8.0	7.6	7.9
23	---	---	---	11.7	11.5	11.6	8.8	8.4	8.6	8.0	7.6	7.8
24	---	---	---	11.7	11.4	11.6	8.9	8.4	8.7	8.0	7.6	7.8
25	---	---	---	11.4	10.9	11.2	9.1	8.5	8.8	8.1	7.6	7.8
26	---	---	---	10.9	10.6	10.7	9.1	8.6	8.8	8.8	7.8	8.1
27	---	---	---	10.7	10.3	10.5	9.1	8.6	8.9	8.8	8.3	8.6
28	---	---	---	10.7	10.0	10.5	9.0	8.6	8.9	8.6	8.1	8.5
29	---	---	---	10.8	10.5	10.6	9.0	8.6	8.8	8.5	8.1	8.3
30	---	---	---	10.8	10.4	10.6	8.9	8.6	8.7	8.4	7.9	8.2
31	---	---	---	10.5	8.6	10.1	---	---	---	8.2	7.8	8.1
MONTH	9.2	8.2	8.4	12.9	8.4	11.5	10.6	8.4	9.2	8.8	6.9	7.9



## DELAWARE RIVER BASIN

## 01482800 DELAWARE RIVER AT REEDY ISLAND JETTY, DE--Continued

## CROSS-SECTION ANALYSES, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Time	Agency col- lecting sample, code (00027)	Agency ana- lyzing sample, code (00028)	Loca- tion in X-sect. downstrm ft from l bank (00009)	Sam- pling depth, feet (00003)	Dis- solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unf µS/cm 25 degC (00095)	Temper- ature, water, deg C (00010)
APR 2003									
02...	1132	1028	1028	330	1	10.5	7.5	2040	9.9
02...	1133	1028	1028	330	5	10.4	7.5	2280	10.1
02...	1134	1028	1028	330	10	10.4	7.5	2300	10.1
02...	1135	1028	1028	800	1	10.5	7.5	1960	9.6
02...	1136	1028	1028	800	5	10.5	7.5	2220	9.3
02...	1137	1028	1028	800	10	10.4	7.5	2320	9.3
02...	1138	1028	1028	800	15	10.3	7.5	2480	9.4
02...	1139	1028	1028	800	20	10.3	7.5	2600	9.9
02...	1140	1028	1028	800	25	10.3	7.5	2600	10.2
02...	1141	1028	1028	800	30	10.3	7.5	2620	10.3
02...	1153	1028	1028	1300	1	10.5	7.5	1750	10.4
02...	1154	1028	1028	1300	5	10.5	7.5	1850	9.0
02...	1155	1028	1028	1300	10	10.5	7.5	2040	8.9
02...	1156	1028	1028	1300	15	10.4	7.5	2270	9.0
02...	1157	1028	1028	1300	20	10.4	7.4	2450	9.0
02...	1158	1028	1028	1300	25	10.3	7.5	2560	9.6
02...	1159	1028	1028	1300	30	10.3	7.5	2610	9.7
02...	1202	1028	1028	1800	1	10.6	7.5	1770	9.2
02...	1203	1028	1028	1800	5	10.5	7.5	1770	9.0
02...	1204	1028	1028	1800	10	10.5	7.5	1910	8.9
02...	1205	1028	1028	1800	15	10.4	7.4	2690	9.2
02...	1206	1028	1028	1800	20	10.4	7.5	2410	9.1
02...	1207	1028	1028	1800	25	10.3	7.5	2830	9.4
02...	1208	1028	1028	1800	30	10.3	7.5	2850	9.5
02...	1209	1028	1028	2300	1	10.4	7.5	1860	9.0
02...	1210	1028	1028	2300	5	10.4	7.5	1880	8.9
02...	1211	1028	1028	2300	10	10.4	7.5	1980	8.9
02...	1212	1028	1028	2300	15	10.4	7.4	2370	8.9
02...	1213	1028	1028	2300	20	10.3	7.4	2840	9.1
02...	1214	1028	1028	2300	25	10.3	7.4	3070	9.5
02...	1215	1028	1028	2300	30	10.3	7.5	3080	9.6
02...	1216	1028	1028	2300	35	10.3	7.5	3100	9.6
02...	1217	1028	1028	2800	1	10.5	7.5	2010	9.1
02...	1218	1028	1028	2800	5	10.5	7.5	2130	9.0
02...	1219	1028	1028	2800	10	10.4	7.5	2190	9.0
02...	1220	1028	1028	2800	15	10.4	7.5	2210	9.0
02...	1221	1028	1028	2800	20	10.4	7.5	2310	9.0
02...	1222	1028	1028	2800	25	10.4	7.5	2600	9.1
02...	1223	1028	1028	2800	30	10.3	7.5	2840	9.3
02...	1224	1028	1028	2800	35	10.3	7.5	2880	9.4
02...	1225	1028	1028	3300	1	10.4	7.5	2150	9.1
02...	1226	1028	1028	3300	5	10.4	7.5	2140	9.0
02...	1227	1028	1028	3300	10	10.4	7.5	2150	8.9
02...	1228	1028	1028	3300	15	10.4	7.5	2400	8.9
02...	1229	1028	1028	3300	20	10.4	7.5	2450	8.9
02...	1230	1028	1028	3300	25	10.4	7.5	2670	9.0
02...	1231	1028	1028	3300	30	10.4	7.5	2830	9.0
02...	1232	1028	1028	3300	35	10.4	7.5	2820	9.0
02...	1233	1028	1028	3300	40	10.4	7.5	2800	9.0
02...	1234	1028	1028	3800	1	10.5	7.5	2470	9.2
02...	1235	1028	1028	3800	5	10.5	7.5	2560	9.2
02...	1236	1028	1028	3800	10	10.5	7.5	2610	9.0
02...	1237	1028	1028	3800	15	10.4	7.5	2750	8.9
02...	1238	1028	1028	3800	20	10.4	7.5	2740	8.9
02...	1239	1028	1028	3800	25	10.4	7.5	2730	8.9
02...	1240	1028	1028	3800	30	10.4	7.5	2740	8.8
02...	1241	1028	1028	3800	35	10.4	7.5	2780	8.8
02...	1242	1028	1028	3800	40	10.4	7.5	2810	8.8
02...	1243	1028	1028	3800	45	10.4	7.5	2870	8.8
02...	1244	1028	1028	4300	1	10.5	7.5	2740	9.0
02...	1245	1028	1028	4300	5	10.4	7.5	2820	8.8
02...	1246	1028	1028	4300	10	10.4	7.5	3000	8.8
02...	1247	1028	1028	4300	15	10.4	7.5	3030	8.8
02...	1248	1028	1028	4300	20	10.4	7.5	3100	8.8
02...	1249	1028	1028	4300	25	10.4	7.5	3180	8.8
02...	1250	1028	1028	4300	30	10.4	7.5	3200	8.8
02...	1251	1028	1028	4300	35	10.4	7.5	3130	8.8
02...	1252	1028	1028	4300	40	10.4	7.5	3150	8.8
02...	1253	1028	1028	4300	45	10.4	7.5	3120	8.8
02...	1254	1028	1028	4300	50	10.4	7.5	3080	8.8



## DELAWARE RIVER BASIN

## 01482800 DELAWARE RIVER AT REEDY ISLAND JETTY, DE--Continued

## CROSS-SECTION ANALYSES, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003--Continued

Date	Time	Agency col- lecting sample, code (00027)	Agency ana- lyzing sample, code (00028)	Loca- tion in X-sect. downstrm ft from l bank (00009)	Sam- pling depth, feet (00003)	Dis- solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unf $\mu$ S/cm 25 degC (00095)	Temper- ature, water, deg C (00010)
APR 2003									
02...	1255	1028	1028	4800	1	10.4	7.5	2800	9.3
02...	1256	1028	1028	4800	5	10.5	7.5	2890	9.1
02...	1257	1028	1028	4800	10	10.4	7.5	2900	8.9
02...	1258	1028	1028	4800	15	10.4	7.5	2920	8.8
02...	1259	1028	1028	4800	20	10.4	7.5	3000	8.8
02...	1300	1028	1028	4800	25	10.4	7.5	3140	8.8
02...	1301	1028	1028	4800	30	10.4	7.5	3160	8.8
02...	1302	1028	1028	4800	35	10.4	7.5	3190	8.8
02...	1303	1028	1028	4800	40	10.4	7.5	3180	8.8
02...	1304	1028	1028	4800	45	10.4	7.5	3190	8.8
02...	1305	1028	1028	5300	1	10.5	7.5	2900	9.8
02...	1306	1028	1028	5300	5	10.5	7.5	2880	9.7
02...	1307	1028	1028	5300	10	10.6	7.5	2820	9.3
02...	1308	1028	1028	5300	15	10.6	7.5	2920	9.2
02...	1309	1028	1028	5300	20	10.5	7.5	2980	9.2
02...	1310	1028	1028	5300	25	10.5	7.5	2960	9.3
02...	1311	1028	1028	5300	30	10.5	7.5	3070	9.3
02...	1312	1028	1028	5300	35	10.5	7.5	3140	9.2
02...	1313	1028	1028	5800	1	10.5	7.5	1510	9.3
02...	1314	1028	1028	5800	5	10.5	7.4	2080	9.1
02...	1315	1028	1028	5800	10	10.5	7.4	2800	9.0
02...	1316	1028	1028	5800	15	10.5	7.4	2920	9.0
02...	1317	1028	1028	5800	20	10.5	7.5	2960	8.9
02...	1318	1028	1028	5800	25	10.5	7.5	2950	9.0
02...	1319	1028	1028	6300	1	10.5	7.5	830	9.4
02...	1320	1028	1028	6300	5	10.5	7.4	1090	9.1
02...	1321	1028	1028	6300	10	10.5	7.3	1770	9.0
02...	1322	1028	1028	6300	15	10.5	7.3	2790	8.9
02...	1323	1028	1028	6300	20	10.5	7.3	2850	8.8
02...	1324	1028	1028	6800	1	10.5	7.5	560	9.4
02...	1325	1028	1028	6800	5	10.6	7.4	1100	9.2
02...	1326	1028	1028	6800	10	10.6	7.3	1760	8.8
02...	1327	1028	1028	6800	15	10.5	7.3	2360	8.8
02...	1328	1028	1028	7300	1	10.4	7.3	520	9.2
02...	1329	1028	1028	7300	5	10.5	7.4	640	8.9
02...	1330	1028	1028	7300	10	10.5	7.3	1300	8.9
02...	1331	1028	1028	7500	0	--	--	--	--