

## 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 platform 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.**--Interruptions in the record were due to malfunctions of the pump or recording instrument.

**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 recorded, 25,500 microsiemens, Aug. 23; minimum recorded, 791 microsiemens, Feb. 5.

pH: Maximum 8.4, Dec. 11, 12, 14-18; minimum, 7.0, Apr. 9, 10.

WATER TEMPERATURE: Maximum recorded, 29.5°C, July 31, Aug. 1; minimum recorded, 1.0°C, Jan. 12.

SPECIFIC CONDUCTANCE, MICROSIEMENS PER CENTIMETER AT 25° CELSIUS, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	16100	10300	13100	20700	12400	16300	17400	11500	14100	17900	11300	13800
2	17400	9970	13300	18900	12700	15500	17100	11100	13400	16600	10600	12400
3	17700	10600	13200	18600	12300	14900	16900	11000	13200	20100	12100	15200
4	18000	10900	13400	19400	12800	15300	18600	11100	14000	15600	11100	13300
5	18000	11300	14400	19900	12800	15600	17800	11300	13800	13200	9540	11300
6	18500	11500	15000	20400	13200	15900	18400	11500	14400	15400	8600	11400
7	18400	12300	15100	20600	13000	16100	17000	12100	14300	12300	8660	10300
8	18900	12300	15400	20700	13000	15800	17700	12100	14100	13400	8250	10500
9	18000	12000	14200	20100	13400	16000	18100	12000	14500	12800	8130	10200
10	18000	11900	14400	20700	13100	16100	18000	11900	14800	14800	8790	10700
11	18200	11400	13800	19600	14200	16100	16600	12000	13700	14600	8870	11200
12	18600	11500	14000	18100	12400	14300	18300	11900	14700	12000	7470	9580
13	20000	11800	15600	18400	12400	14600	18200	12600	14700	12500	7470	9780
14	17500	12500	14800	19500	11900	15000	20600	13100	16000	15100	7790	10900
15	17000	11700	13800	19000	12800	15300	20600	13200	16600	17100	11100	13900
16	16600	11100	13200	19100	12700	15200	18300	13200	15300	13800	9480	11000
17	17600	11000	13300	18200	12500	15000	20600	13700	16300	13800	9200	11000
18	17900	11300	13500	19300	12600	15100	19200	13200	15700	16400	9550	11800
19	16200	10100	12500	18800	13200	15300	19500	12800	15400	14500	7070	10700
20	15400	10100	12300	19000	13200	15200	18800	12300	14400	11500	5940	8280
21	16100	10400	12800	18500	12400	14800	19300	12000	15300	11200	5440	7580
22	16500	10100	12600	18600	12000	14300	18600	11400	15200	11100	5050	7350
23	17500	10900	13600	18300	11300	14400	16700	11000	12800	11100	4590	7450
24	18000	10800	13700	16700	10800	13000	17400	11600	13800	9860	4340	6290
25	17800	10300	13200	18900	10900	13600	19100	11700	15100	5400	3290	4050
26	19000	10200	14300	18600	11900	15400	18700	12500	15300	3620	2190	2800
27	19500	11800	15600	17400	11600	13700	18600	12500	15000	3060	1230	2000
28	19800	11300	15300	18100	10400	13800	18400	12700	15000	4520	1180	1920
29	18300	11900	13900	18400	10100	13700	19800	13200	16000	4720	1080	1800
30	19500	11900	15500	18700	10800	14600	20200	12900	16000	4180	1020	1640
31	19700	12000	14700	---	---	---	19300	12400	14500	5320	956	1860
MONTH	20000	9970	14000	20700	10100	15000	20600	11000	14800	20100	956	8770



## DELAWARE RIVER BASIN

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

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

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	7.6	7.5	7.5	7.8	7.7	7.8	8.2	7.9	8.1	7.9	7.8	7.8
2	7.6	7.5	7.5	7.8	7.7	7.8	8.2	8.0	8.1	7.9	7.7	7.8
3	7.7	7.5	7.6	7.8	7.7	7.8	8.3	8.0	8.1	7.8	7.7	7.8
4	7.7	7.6	7.6	7.9	7.8	7.8	8.3	8.0	8.1	7.8	7.7	7.7
5	7.7	7.6	7.6	7.9	7.8	7.8	8.3	8.0	8.2	7.8	7.7	7.7
6	7.7	7.6	7.6	7.9	7.8	7.8	8.3	8.0	8.2	7.8	7.6	7.7
7	7.7	7.6	7.6	7.9	7.8	7.8	8.3	8.0	8.2	7.8	7.6	7.7
8	7.7	7.6	7.6	---	---	---	8.3	8.0	8.1	7.8	7.7	7.7
9	7.6	7.6	7.6	---	---	---	8.3	8.0	8.1	7.8	7.7	7.7
10	7.6	7.6	7.6	---	---	---	8.3	8.0	8.1	7.8	7.7	7.7
11	7.7	7.6	7.6	---	---	---	8.4	8.1	8.2	7.8	7.6	7.7
12	7.7	7.6	7.6	---	---	---	8.4	8.0	8.2	7.8	7.7	7.7
13	7.7	7.6	7.6	---	---	---	8.3	8.1	8.2	7.8	7.7	7.7
14	7.7	7.6	7.6	---	---	---	8.4	8.0	8.2	7.8	7.7	7.8
15	7.6	7.6	7.6	7.9	7.8	7.9	8.4	8.1	8.2	7.8	7.7	7.8
16	7.6	7.5	7.6	8.0	7.8	7.9	8.4	8.1	8.3	7.8	7.6	7.7
17	7.7	7.6	7.6	8.0	7.9	7.9	8.4	8.1	8.2	7.7	7.6	7.7
18	7.7	7.6	7.6	8.0	7.8	7.9	8.4	8.1	8.3	7.8	7.7	7.7
19	7.7	7.6	7.6	8.0	7.8	7.9	8.3	8.2	8.3	7.7	7.7	7.7
20	7.7	7.6	7.6	8.0	7.8	7.9	8.3	8.0	8.1	7.7	7.6	7.7
21	7.7	7.6	7.7	7.9	7.7	7.8	8.2	7.9	8.1	7.7	7.6	7.7
22	7.8	7.7	7.7	8.0	7.8	7.9	8.1	7.9	8.0	7.7	7.6	7.6
23	7.8	7.7	7.7	8.0	7.8	7.9	8.1	7.8	8.0	7.7	7.6	7.6
24	7.8	7.7	7.8	7.9	7.8	7.9	8.0	7.9	8.0	7.7	7.6	7.6
25	7.8	7.7	7.8	8.0	7.8	7.9	8.1	7.9	7.9	7.6	7.5	7.5
26	7.8	7.7	7.8	8.1	7.9	8.0	8.0	7.9	7.9	7.5	7.4	7.5
27	---	---	---	8.1	7.9	8.0	8.1	7.9	8.0	7.5	7.3	7.4
28	7.8	7.7	7.7	8.1	7.9	8.0	8.0	7.9	7.9	7.4	7.3	7.4
29	7.8	7.6	7.7	8.2	8.0	8.0	8.0	7.8	7.9	7.4	7.3	7.4
30	7.8	7.7	7.8	8.2	7.9	8.1	7.9	7.8	7.9	7.4	7.3	7.3
31	7.8	7.7	7.8	---	---	---	7.9	7.8	7.9	7.5	7.3	7.4
MONTH	7.8	7.5	7.6	8.2	7.7	7.9	8.4	7.8	8.1	7.9	7.3	7.6
	<b>FEBRUARY</b>			<b>MARCH</b>			<b>APRIL</b>			<b>MAY</b>		
1	7.5	7.3	7.4	7.8	7.6	7.7	7.4	7.2	7.3	7.5	7.2	7.4
2	7.4	7.3	7.4	7.7	7.6	7.6	7.5	7.2	7.3	7.6	7.3	7.4
3	7.4	7.3	7.4	7.7	7.5	7.6	7.6	7.3	7.4	7.6	7.3	7.5
4	7.4	7.3	7.4	7.7	7.6	7.6	7.4	7.3	7.4	7.5	7.2	7.4
5	7.4	7.3	7.4	7.6	7.5	7.5	7.4	7.3	7.4	7.6	7.3	7.5
6	7.5	7.3	7.4	7.6	7.5	7.6	7.4	7.3	7.4	7.6	7.4	7.5
7	7.5	7.4	7.4	7.6	7.5	7.6	7.5	7.2	7.3	7.5	7.2	7.4
8	7.5	7.4	7.4	7.8	7.6	7.6	7.3	7.2	7.2	7.5	7.3	7.4
9	7.5	7.4	7.4	7.8	7.6	7.7	7.5	7.0	7.3	7.6	7.2	7.5
10	7.5	7.3	7.4	7.9	7.5	7.7	7.6	7.0	7.4	7.7	7.5	7.5
11	7.5	7.3	7.4	7.9	7.6	7.7	7.6	7.3	7.4	7.8	7.5	7.6
12	7.6	7.4	7.5	7.9	7.7	7.8	7.5	7.2	7.4	7.8	7.5	7.6
13	7.6	7.4	7.5	8.0	7.7	7.9	7.5	7.2	7.3	7.6	7.2	7.5
14	7.6	7.4	7.5	8.1	7.7	7.8	7.4	7.2	7.3	7.7	7.4	7.6
15	7.7	7.5	7.6	7.9	7.7	7.8	7.4	7.2	7.3	7.7	7.4	7.6
16	7.7	7.5	7.5	7.9	7.6	7.7	7.5	7.2	7.3	7.7	7.6	7.6
17	7.7	7.4	7.5	7.7	7.5	7.6	7.5	7.1	7.3	7.7	7.5	7.6
18	7.6	7.4	7.5	7.7	7.5	7.6	7.4	7.2	7.3	7.7	7.5	7.5
19	7.6	7.4	7.5	7.6	7.5	7.5	7.3	7.2	7.2	7.5	7.4	7.5
20	7.6	7.4	7.5	7.6	7.5	7.5	7.4	7.2	7.3	7.5	7.4	7.5
21	7.6	7.4	7.5	7.6	7.4	7.5	7.4	7.2	7.3	7.5	7.4	7.5
22	7.7	7.5	7.6	7.6	7.4	7.5	7.4	7.2	7.3	7.5	7.3	7.4
23	7.8	7.6	7.7	7.4	7.3	7.4	7.5	7.2	7.3	7.4	7.3	7.4
24	7.8	7.6	7.7	7.5	7.2	7.4	7.5	7.3	7.4	7.4	7.3	7.4
25	7.8	7.6	7.7	7.5	7.3	7.4	7.5	7.3	7.4	7.4	7.3	7.4
26	7.9	7.6	7.7	7.5	7.3	7.4	7.4	7.2	7.3	7.4	7.3	7.4
27	7.8	7.5	7.6	7.5	7.3	7.4	7.6	7.2	7.3	7.5	7.3	7.4
28	7.9	7.5	7.7	7.7	7.4	7.5	7.7	7.2	7.4	7.5	7.4	7.4
29	---	---	---	7.6	7.3	7.4	7.4	7.3	7.4	7.5	7.4	7.4
30	---	---	---	7.5	7.3	7.4	7.4	7.2	7.3	7.4	7.3	7.4
31	---	---	---	7.4	7.3	7.4	---	---	---	7.4	7.3	7.3
MONTH	7.9	7.3	7.5	8.1	7.2	7.6	7.7	7.0	7.3	7.8	7.2	7.5

## DELAWARE RIVER BASIN

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

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.4	7.3	7.3	7.5	7.4	7.4	7.4	7.3	7.4	7.7	7.6	7.6
2	7.4	7.3	7.3	7.5	7.3	7.4	7.5	7.3	7.4	7.7	7.6	7.6
3	7.4	7.3	7.3	7.4	7.3	7.4	7.5	7.4	7.5	7.7	7.6	7.6
4	7.4	7.3	7.4	7.4	7.4	7.4	7.5	7.4	7.5	7.8	7.6	7.7
5	7.5	7.3	7.4	7.5	7.4	7.4	7.5	7.4	7.4	7.8	7.7	7.7
6	7.5	7.4	7.4	7.5	7.4	7.4	7.5	7.2	7.4	7.8	7.7	7.7
7	7.5	7.4	7.4	7.5	7.3	7.4	7.7	7.4	7.5	7.8	7.7	7.7
8	7.4	7.4	7.4	7.5	7.4	7.4	7.5	7.4	7.4	7.7	7.6	7.7
9	7.5	7.3	7.4	7.5	7.4	7.4	7.5	7.4	7.4	7.7	7.6	7.6
10	7.5	7.4	7.5	7.4	7.3	7.4	7.5	7.3	7.5	7.7	7.6	7.6
11	7.5	7.4	7.5	7.6	7.3	7.4	7.5	7.4	7.5	7.6	7.6	7.6
12	7.5	7.4	7.5	7.5	7.4	7.5	7.5	7.3	7.4	7.6	7.4	7.6
13	7.6	7.5	7.5	7.6	7.4	7.5	7.5	7.4	7.4	7.6	7.6	7.6
14	7.6	7.5	7.6	7.5	7.4	7.5	7.5	7.3	7.4	7.6	7.6	7.6
15	7.6	7.4	7.5	7.5	7.4	7.4	7.3	7.3	7.3	7.6	7.6	7.6
16	7.5	7.5	7.5	7.5	7.4	7.4	7.4	7.3	7.3	7.8	7.6	7.7
17	7.5	7.5	7.5	7.5	7.3	7.4	7.4	7.3	7.3	7.8	7.4	7.6
18	7.5	7.5	7.5	7.5	7.3	7.4	7.4	7.3	7.3	7.4	7.3	7.4
19	7.5	7.4	7.4	7.4	7.3	7.4	7.5	7.3	7.4	7.5	7.2	7.3
20	7.4	7.3	7.4	7.4	7.3	7.4	7.4	7.3	7.4	7.6	7.2	7.4
21	7.5	7.4	7.4	7.5	7.3	7.4	7.4	7.4	7.4	7.4	7.2	7.3
22	---	---	---	7.5	7.3	7.4	7.5	7.3	7.5	7.6	7.3	7.4
23	7.5	7.4	7.4	7.5	7.3	7.4	7.6	7.4	7.5	7.6	7.3	7.5
24	---	---	---	7.4	7.3	7.3	7.6	7.4	7.5	7.6	7.4	7.5
25	7.5	7.4	7.5	7.4	7.3	7.3	7.6	7.5	7.5	7.6	7.3	7.4
26	7.5	7.4	7.5	7.4	7.3	7.4	7.6	7.5	7.5	7.6	7.4	7.4
27	7.5	7.4	7.4	7.4	7.3	7.4	7.5	7.5	7.5	7.5	7.4	7.4
28	7.5	7.3	7.4	7.4	7.3	7.4	7.5	7.4	7.5	7.5	7.4	7.4
29	7.5	7.3	7.4	7.4	7.3	7.4	7.5	7.4	7.5	7.6	7.4	7.5
30	7.5	7.3	7.4	7.5	7.3	7.4	7.6	7.5	7.5	7.6	7.5	7.5
31	---	---	---	7.5	7.3	7.4	7.6	7.6	7.6	---	---	---
MONTH	7.6	7.3	7.4	7.6	7.3	7.4	7.7	7.2	7.4	7.8	7.2	7.5
YEAR	8.4	7.0	7.6									

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	23.5	22.5	23.0	15.0	15.0	15.0	11.0	10.5	11.0	5.0	4.0	4.5
2	22.5	22.0	22.5	15.0	14.5	14.5	11.0	10.5	10.5	4.5	3.0	3.5
3	22.0	21.5	21.5	14.5	14.0	14.0	11.0	10.5	10.5	4.0	3.5	4.0
4	21.5	20.5	21.0	14.0	13.5	13.5	11.0	10.5	11.0	4.0	3.0	3.5
5	21.0	20.0	20.5	13.5	13.0	13.0	11.0	11.0	11.0	3.5	2.5	3.0
6	20.5	20.0	20.0	13.0	12.0	12.5	11.5	11.0	11.0	3.0	2.5	2.5
7	20.0	19.5	20.0	12.5	12.0	12.0	12.0	11.5	11.5	3.0	2.0	2.5
8	20.0	19.5	20.0	12.0	12.0	12.0	11.5	11.5	11.5	2.5	1.5	2.0
9	20.0	19.5	19.5	12.0	11.5	12.0	11.5	11.0	11.5	2.0	2.0	2.0
10	19.5	19.0	19.5	12.0	11.5	11.5	11.5	11.0	11.0	2.0	1.5	2.0
11	19.5	19.0	19.0	12.5	12.0	12.0	11.0	10.0	11.0	2.0	1.5	1.5
12	19.5	19.0	19.0	12.0	11.5	12.0	10.5	10.0	10.5	2.0	1.0	1.5
13	19.5	19.0	19.0	12.0	11.5	11.5	10.5	10.0	10.0	2.0	1.5	2.0
14	19.5	19.0	19.0	12.0	11.5	11.5	10.0	9.5	10.0	2.0	1.5	2.0
15	19.0	18.5	18.5	12.0	11.5	11.5	10.0	9.0	9.5	2.5	1.5	2.0
16	19.0	18.0	18.5	12.0	11.5	11.5	9.5	9.0	9.5	2.0	1.5	1.5
17	18.5	18.0	18.5	12.0	11.5	11.5	9.5	9.0	9.0	2.5	1.5	2.0
18	19.0	18.0	18.5	12.0	11.0	11.5	9.5	8.5	9.0	2.5	2.0	2.5
19	18.5	18.5	18.5	11.5	11.0	11.5	8.5	8.0	8.5	3.0	2.5	2.5
20	18.5	18.0	18.5	12.0	11.5	11.5	8.5	8.0	8.5	3.0	2.5	3.0
21	18.5	17.5	18.0	11.5	11.0	11.5	9.0	8.5	8.5	3.0	2.5	3.0
22	18.0	16.5	17.0	11.5	10.5	11.0	9.0	8.0	8.5	3.5	3.0	3.0
23	17.0	16.0	16.5	11.0	10.5	11.0	8.5	7.0	7.5	4.0	3.5	3.5
24	16.5	16.0	16.5	11.0	10.5	11.0	7.5	7.0	7.0	4.5	4.0	4.0
25	16.5	16.0	16.0	11.0	10.0	10.5	7.0	6.5	7.0	4.5	4.0	4.5
26	16.5	16.0	16.5	11.5	10.5	11.0	7.0	6.0	6.5	4.5	4.0	4.5
27	16.5	16.0	16.5	10.5	10.0	10.5	6.5	6.0	6.0	4.5	4.0	4.5
28	16.5	16.0	16.5	10.5	10.0	10.5	6.0	6.0	6.0	4.5	4.5	4.5
29	16.5	15.5	16.0	10.5	10.0	10.5	6.0	6.0	6.0	5.0	4.5	4.5
30	16.0	15.5	15.5	11.0	10.5	10.5	6.0	5.5	6.0	5.0	4.5	4.5
31	15.5	15.0	15.5	---	---	---	5.5	4.5	5.0	4.5	4.0	4.5
MONTH	23.5	15.0	18.5	15.0	10.0	11.8	12.0	4.5	9.0	5.0	1.0	3.1



## DELAWARE RIVER BASIN

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

OXYGEN, DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

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	7.3	6.0	6.9	9.0	8.5	8.9	10.8	9.1	10.3	12.3	10.6	11.7
2	7.5	5.7	7.0	9.1	8.6	8.9	11.0	9.7	10.4	12.6	11.0	12.3
3	7.4	7.0	7.2	9.2	8.3	9.0	10.9	9.3	10.2	12.8	11.6	12.3
4	7.7	7.0	7.4	9.2	8.6	9.0	10.8	8.3	10.0	12.6	10.4	11.9
5	7.7	7.2	7.5	9.3	8.6	9.1	10.7	8.5	9.9	12.9	9.1	11.9
6	7.8	7.0	7.5	9.4	8.9	9.3	10.8	9.2	10.0	13.2	11.2	12.7
7	8.1	7.5	7.8	9.5	9.1	9.3	10.8	8.8	10.0	13.4	11.9	12.8
8	8.0	7.3	7.7	---	---	---	10.6	8.8	9.9	13.4	11.3	12.9
9	7.9	6.9	7.6	---	---	---	10.7	8.6	9.7	13.4	10.9	12.8
10	7.9	6.9	7.6	---	---	---	10.8	8.6	9.7	13.6	11.7	12.9
11	8.1	7.5	7.9	---	---	---	11.1	9.1	10.2	13.7	11.9	13.1
12	8.2	7.7	8.0	---	---	---	11.2	9.2	10.2	13.8	12.5	13.4
13	8.4	7.9	8.1	---	---	---	10.8	9.3	10.2	13.7	12.7	13.3
14	8.3	7.8	8.1	---	---	---	11.2	9.7	10.2	13.7	13.3	13.6
15	8.3	7.5	8.1	10.7	9.8	10.3	11.2	9.6	10.4	13.6	12.6	13.3
16	8.4	7.8	8.2	11.2	9.9	10.5	11.3	9.8	10.7	13.6	12.9	13.4
17	8.4	7.8	8.1	11.1	9.7	10.6	11.2	9.9	10.7	13.6	12.8	13.3
18	8.2	7.7	8.0	12.0	9.9	10.8	11.5	10.1	10.9	13.4	13.0	13.2
19	8.3	7.2	7.9	11.9	10.4	11.1	11.6	10.7	11.2	13.2	12.4	12.9
20	8.3	7.6	8.0	11.6	10.4	11.1	12.5	10.6	11.4	13.1	12.0	12.9
21	8.5	7.4	8.0	11.4	10.3	11.0	12.4	10.9	11.7	12.9	12.3	12.7
22	8.9	7.4	8.3	11.8	10.6	11.2	11.7	11.0	11.3	12.8	12.0	12.6
23	8.9	7.4	8.4	11.7	10.4	11.1	11.7	9.6	11.0	12.7	11.8	12.5
24	9.0	7.4	8.5	---	---	---	11.7	10.4	11.2	12.6	11.9	12.3
25	9.0	7.8	8.5	---	---	---	11.9	10.6	11.2	12.1	11.6	11.9
26	9.1	8.1	8.7	11.0	9.8	10.6	12.3	11.0	11.6	11.8	11.1	11.6
27	9.1	8.2	8.8	10.9	9.7	10.4	12.6	10.0	11.8	11.4	10.6	11.1
28	9.2	8.8	8.9	11.1	9.4	10.4	12.4	9.9	11.8	11.4	10.7	11.0
29	9.3	8.8	9.1	11.4	9.6	10.4	12.1	9.3	11.5	11.3	10.4	11.0
30	9.4	8.9	9.1	11.4	8.4	10.3	12.1	11.3	11.7	11.1	10.2	10.7
31	9.4	8.7	9.0	---	---	---	12.2	9.0	11.3	10.9	9.8	10.5
MONTH	9.4	5.7	8.1	12.0	8.3	10.2	12.6	8.3	10.7	13.8	9.1	12.4
	<b>FEBRUARY</b>			<b>MARCH</b>			<b>APRIL</b>			<b>MAY</b>		
1	10.4	9.0	10.1	---	---	---	---	---	---	9.2	7.6	8.8
2	10.3	8.7	9.9	---	---	---	---	---	---	9.3	8.0	8.8
3	9.9	6.4	9.3	---	---	---	---	---	---	8.7	7.6	8.3
4	9.6	7.4	9.2	---	---	---	---	---	---	9.2	7.4	8.5
5	9.6	7.4	9.2	---	---	---	---	---	---	9.2	7.8	8.5
6	9.8	7.7	9.4	---	---	---	---	---	---	8.9	7.8	8.6
7	9.8	8.9	9.6	---	---	---	---	---	---	9.1	7.7	8.5
8	10.0	8.6	9.6	---	---	---	---	---	---	9.1	6.7	8.5
9	10.4	8.1	9.7	---	---	---	---	---	---	9.0	7.8	8.4
10	10.6	8.4	9.6	---	---	---	---	---	---	9.0	8.1	8.6
11	10.9	8.0	10.3	---	---	---	---	---	---	9.1	8.1	8.6
12	11.1	10.3	11.0	---	---	---	---	---	---	9.5	8.4	9.1
13	11.4	10.3	11.0	---	---	---	---	---	---	10.1	9.0	9.6
14	11.8	10.8	11.5	---	---	---	---	---	---	9.9	9.2	9.5
15	11.8	10.0	11.2	---	---	---	---	---	---	10.1	8.9	9.5
16	11.1	10.5	11.0	---	---	---	---	---	---	9.2	8.6	9.0
17	10.9	10.3	10.7	---	---	---	---	---	---	10.2	8.5	9.0
18	10.6	9.7	10.4	---	---	---	---	---	---	9.2	8.4	8.8
19	10.4	9.8	10.2	---	---	---	9.1	4.7	8.2	9.0	8.0	8.7
20	10.2	9.4	10.1	---	---	---	9.0	7.5	8.3	8.9	8.0	8.4
21	10.2	9.8	10.0	---	---	---	8.9	7.5	8.3	8.5	7.5	8.0
22	10.4	10.0	10.2	---	---	---	8.9	7.5	8.3	8.1	6.9	7.4
23	10.5	10.0	10.2	---	---	---	8.7	6.4	8.1	7.3	6.7	7.1
24	10.2	9.9	10.1	---	---	---	8.8	7.3	8.3	7.2	6.7	7.0
25	10.2	9.5	9.9	---	---	---	8.9	8.0	8.7	7.2	6.5	7.0
26	10.0	8.8	9.7	---	---	---	8.9	7.7	8.5	7.2	6.5	7.0
27	---	---	---	---	---	---	9.2	6.8	8.3	7.5	6.0	7.0
28	---	---	---	---	---	---	9.2	7.9	8.8	7.4	6.2	7.1
29	---	---	---	---	---	---	9.3	7.8	8.7	7.5	6.6	7.1
30	---	---	---	---	---	---	9.3	6.9	8.1	7.4	6.5	7.1
31	---	---	---	---	---	---	---	---	---	7.2	5.6	6.7
MONTH	11.8	6.4	10.1	---	---	---	9.3	4.7	8.4	10.2	5.6	8.2

## DELAWARE RIVER BASIN

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

OXYGEN, DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	7.2	4.1	6.8	6.4	5.9	6.2	10.0	5.6	6.8	7.5	6.5	7.0
2	---	---	---	6.5	5.4	6.1	6.5	5.3	6.1	7.5	4.2	6.8
3	---	---	---	6.3	5.7	6.1	7.0	6.0	6.5	7.7	6.8	7.1
4	---	---	---	6.1	5.5	5.9	7.3	6.4	6.8	7.2	6.4	6.8
5	---	---	---	6.3	5.1	6.0	7.2	6.2	6.8	7.3	6.5	6.9
6	---	---	---	6.6	5.6	6.3	9.4	6.3	7.1	7.4	6.8	7.1
7	---	---	---	7.1	6.1	6.5	7.3	6.2	6.9	7.4	6.6	7.1
8	---	---	---	7.3	6.3	6.8	7.8	6.8	7.4	7.3	5.6	6.8
9	---	---	---	8.3	6.2	7.0	8.2	6.6	7.2	7.3	4.8	6.7
10	8.2	7.1	7.6	---	---	---	8.0	6.3	7.0	7.2	4.3	6.2
11	7.9	6.9	7.5	---	---	---	7.3	6.4	6.9	7.2	2.8	6.2
12	7.6	6.7	7.2	---	---	---	7.2	6.7	6.9	7.1	3.8	5.9
13	7.2	6.6	6.9	---	---	---	7.1	6.7	6.9	6.4	5.0	6.0
14	7.1	6.5	6.8	---	---	---	---	---	---	6.4	5.7	6.1
15	7.1	6.5	6.8	---	---	---	---	---	---	6.4	5.9	6.1
16	7.0	6.0	6.8	---	---	---	---	---	---	7.0	6.2	6.6
17	7.1	6.7	6.9	---	---	---	---	---	---	6.9	6.1	6.6
18	7.1	6.8	6.9	---	---	---	---	---	---	6.4	4.4	5.6
19	7.1	6.2	6.6	---	---	---	---	---	---	6.7	5.1	5.8
20	6.6	6.1	6.4	---	---	---	---	---	---	6.6	5.5	6.0
21	6.8	6.1	6.5	---	---	---	---	---	---	6.4	5.4	5.9
22	---	---	---	---	---	---	---	---	---	6.8	5.7	6.3
23	6.9	5.5	6.5	---	---	---	7.1	5.6	6.2	6.6	5.3	6.3
24	---	---	---	6.1	5.7	5.9	6.7	5.7	6.2	6.7	5.9	6.4
25	6.5	5.4	6.2	6.2	5.7	6.0	6.6	5.9	6.3	6.6	5.8	6.4
26	7.3	5.3	6.6	6.4	5.9	6.1	6.9	6.0	6.4	6.8	5.5	6.4
27	7.0	6.3	6.7	6.5	5.9	6.2	6.7	4.0	6.1	6.6	5.9	6.3
28	6.8	6.2	6.5	6.4	5.9	6.1	6.5	1.4	5.9	6.8	5.4	6.4
29	6.7	6.0	6.4	6.2	5.9	6.1	6.7	5.5	6.2	7.1	5.9	6.6
30	6.5	5.9	6.3	6.2	5.9	6.1	7.1	6.2	6.7	7.0	6.4	6.8
31	---	---	---	6.8	5.9	6.3	7.2	6.4	6.9	---	---	---
MONTH	8.2	4.1	6.7	8.3	5.1	6.2	10.0	1.4	6.6	7.7	2.8	6.4

## DELAWARE RIVER BASIN

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

## CROSS-SECTION ANALYSES, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	TIME	SAM- PLING DEPTH (FEET) (00003)	CROSS SECTION (FT FM R BK) (72103)	SAMPLE LOC- ATION, CROSS FIELD (STAND- ARD UNITS) (00400)	PH WATER TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
MAY						
11...	0926	0	9100	--	--	--
11...	0927	0	9000	7.5	17.0	8.2
11...	0928	5	9000	7.5	16.9	8.0
11...	0929	10	9000	7.5	16.9	8.0
11...	0930	15	9000	7.5	16.9	8.0
11...	0931	0	8600	7.5	17.0	8.2
11...	0932	5	8600	7.5	16.9	8.1
11...	0933	10	8600	7.6	16.6	8.1
11...	0934	15	8600	7.6	16.5	8.1
11...	0935	0	8200	7.6	17.0	8.2
11...	0936	5	8200	7.6	16.7	8.2
11...	0937	10	8200	7.6	16.4	8.1
11...	0938	15	8200	7.6	16.4	8.1
11...	0939	0	7900	7.6	16.8	8.1
11...	0940	5	7900	7.6	16.7	8.1
11...	0941	10	7900	7.6	16.4	8.0
11...	0942	15	7900	7.6	16.3	8.1
11...	0943	20	7900	7.6	16.3	8.1
11...	0944	0	7600	7.6	16.8	8.1
11...	0945	5	7600	7.6	16.5	8.0
11...	0946	10	7600	7.6	16.5	8.2
11...	0947	15	7600	7.6	16.4	8.1
11...	0948	20	7600	7.6	16.2	8.2
11...	0949	25	7600	7.6	16.2	8.1
11...	0950	30	7600	7.6	16.2	8.1
11...	0951	35	7600	7.6	16.2	8.1
11...	0952	0	7200	7.6	17.0	8.5
11...	0953	5	7200	7.6	16.6	8.2
11...	0954	10	7200	7.6	16.5	8.3
11...	0955	15	7200	7.6	16.4	8.3
11...	0956	20	7200	7.6	16.3	8.2
11...	0957	25	7200	7.6	16.3	8.2
11...	0958	30	7200	7.6	16.3	8.2
11...	0959	35	7200	7.6	16.3	8.2
11...	1000	0	6900	7.6	17.1	8.5
11...	1001	5	6900	7.6	16.6	8.4
11...	1002	10	6900	7.6	16.5	8.3
11...	1003	15	6900	7.6	16.4	8.3
11...	1004	20	6900	7.6	16.4	8.3
11...	1005	25	6900	7.7	16.3	8.2
11...	1006	30	6900	7.7	16.4	8.3
11...	1007	35	6900	7.7	16.3	8.2
11...	1008	0	6600	7.6	17.0	8.6
11...	1009	5	6600	7.6	16.7	8.4
11...	1010	10	6600	7.6	16.5	8.3
11...	1011	15	6600	7.6	16.5	8.2
11...	1012	20	6600	7.6	16.4	8.2
11...	1013	25	6600	7.7	16.4	8.2
11...	1014	30	6600	7.7	16.3	8.3
11...	1015	35	6600	7.7	16.3	8.2
11...	1016	40	6600	7.7	16.3	8.1
11...	1017	0	6200	7.6	17.0	8.5
11...	1018	5	6200	7.6	16.7	8.5
11...	1019	10	6200	7.6	16.6	8.4
11...	1020	15	6200	7.6	16.5	8.4
11...	1021	20	6200	7.7	16.4	8.4
11...	1022	25	6200	7.7	16.4	8.3
11...	1023	30	6200	7.7	16.3	8.3
11...	1024	35	6200	7.7	16.3	8.3
11...	1025	40	6200	7.7	16.3	8.2
11...	1026	45	6200	7.7	16.3	8.1
11...	1027	0	5900	7.6	17.3	8.8
11...	1028	5	5900	7.6	16.7	8.4
11...	1029	10	5900	7.6	16.6	8.2
11...	1030	15	5900	7.6	16.5	8.4
11...	1031	20	5900	7.6	16.5	8.5
11...	1032	25	5900	7.6	16.5	8.5
11...	1033	30	5900	7.6	16.5	8.5
11...	1034	35	5900	7.6	16.4	8.5
11...	1035	40	5900	7.7	16.4	8.4



## DELAWARE RIVER BASIN

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

## CROSS-SECTION ANALYSES, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	TIME	SAM- PLING DEPTH (FEET) (00003)	CROSS SECTION (FT FM R BK) (72103)	SAMPLE LOC- ATION, CROSS FIELD (STAND- ARD UNITS) (00400)	PH WATER TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
MAY						
11...	1036	45	5900	7.7	16.3	8.3
11...	1037	50	5900	7.7	16.3	8.1
11...	1038	0	5600	7.7	17.3	8.8
11...	1039	5	5600	7.6	16.9	8.7
11...	1040	10	5600	7.6	16.8	8.7
11...	1041	15	5600	7.6	16.6	8.5
11...	1042	20	5600	7.6	16.5	8.2
11...	1043	25	5600	7.6	16.4	8.2
11...	1044	30	5600	7.7	16.3	8.2
11...	1045	35	5600	7.7	16.3	8.2
11...	1046	40	5600	7.7	16.4	8.4
11...	1047	45	5600	7.7	16.3	8.2
11...	1048	0	5300	7.7	17.1	9.4
11...	1049	5	5300	7.7	17.3	9.2
11...	1050	10	5300	7.7	17.2	8.8
11...	1051	15	5300	7.7	17.1	8.8
11...	1052	20	5300	7.6	16.6	8.6
11...	1053	25	5300	7.6	16.3	8.4
11...	1054	30	5300	7.7	16.3	8.3
11...	1055	35	5300	7.7	16.3	8.2
11...	1056	40	5300	7.7	16.3	8.2
11...	1057	0	4900	7.7	17.0	9.1
11...	1058	5	4900	7.6	16.6	8.7
11...	1059	10	4900	7.6	16.6	8.8
11...	1100	15	4900	7.6	16.6	8.8
11...	1101	20	4900	7.6	16.5	8.6
11...	1102	25	4900	7.6	16.3	8.5
11...	1103	30	4900	7.6	16.3	8.4
11...	1104	35	4900	7.7	16.3	8.3
11...	1105	0	4600	7.7	16.8	8.9
11...	1106	5	4600	7.6	16.6	8.8
11...	1107	10	4600	7.6	16.5	8.7
11...	1108	15	4600	7.6	16.5	8.6
11...	1109	20	4600	7.6	16.4	8.2
11...	1110	25	4600	7.6	16.4	8.2
11...	1111	30	4600	7.6	16.3	8.4
11...	1112	0	4300	7.7	17.1	9.3
11...	1113	5	4300	7.6	16.6	8.5
11...	1114	10	4300	7.6	16.4	8.3
11...	1115	15	4300	7.6	16.4	8.4
11...	1116	20	4300	7.6	16.3	8.3
11...	1117	25	4300	7.6	16.3	8.2
11...	1118	0	3900	7.7	17.3	9.6
11...	1119	5	3900	7.6	16.7	9.0
11...	1120	10	3900	7.6	16.4	8.2
11...	1121	15	3900	7.6	16.3	8.3
11...	1122	20	3900	7.6	16.3	8.4
11...	1123	0	3600	7.6	16.9	9.1
11...	1124	5	3600	7.6	16.7	8.9
11...	1125	10	3600	7.6	16.5	8.7
11...	1126	15	3600	7.6	16.4	8.5
11...	1127	20	3600	7.6	16.4	8.4
11...	1128	0	3200	7.6	16.9	9.1
11...	1129	5	3200	7.6	16.5	8.6
11...	1130	10	3200	7.6	16.6	8.4
11...	1131	15	3200	7.6	16.5	8.4
11...	1132	0	2900	7.6	16.9	9.1
11...	1133	5	2900	7.6	16.8	8.9
11...	1134	10	2900	7.6	16.8	8.6
11...	1135	13	2900	7.6	16.8	8.7
11...	1136	0	2600	7.6	16.8	9.1
11...	1137	5	2600	7.6	16.7	8.7
11...	1138	10	2600	7.6	16.6	8.6
11...	1139	15	2600	7.5	16.5	8.6
11...	1140	0	2300	7.6	16.9	9.1
11...	1141	5	2300	7.6	16.7	9.1
11...	1142	10	2300	7.5	16.5	8.6
11...	1143	15	2300	7.5	16.5	8.5
11...	1144	0	2000	7.7	17.1	9.3
11...	1145	5	2000	7.5	16.5	8.5

## DELAWARE RIVER BASIN

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

CROSS-SECTION ANALYSES, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	TIME	SAM- PLING DEPTH (FEET) (00003)	CROSS SECTION (FT FM R BK) (72103)	SAMPLE LOC- ATION, CROSS FIELD (STAND- ARD UNITS) (00400)	PH WATER TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
MAY						
11...	1146	10	2000	7.5	16.5	8.4
11...	1147	15	2000	7.5	16.5	8.6
11...	1148	20	2000	7.5	16.5	8.6
11...	1149	25	2000	7.5	16.5	8.6
11...	1150	0	1600	7.7	17.7	9.6
11...	1151	5	1600	7.6	16.6	9.1
11...	1152	10	1600	7.5	16.5	8.4
11...	1153	15	1600	7.5	16.5	8.4
11...	1154	20	1600	7.5	16.5	8.5
11...	1155	25	1600	7.5	16.5	8.6
11...	1156	0	1300	7.6	16.9	9.1
11...	1157	5	1300	7.6	16.8	9.1
11...	1158	10	1300	7.6	16.7	9.0
11...	1159	15	1300	7.5	16.5	8.8
11...	1200	20	1300	7.5	16.5	8.6
11...	1201	0	1000	7.6	16.8	9.1
11...	1202	5	1000	7.6	16.8	8.8
11...	1203	10	1000	7.6	16.7	9.0
11...	1204	13	1000	7.6	16.7	9.0
11...	1205	0	660	7.6	16.9	9.2
11...	1206	5	660	7.6	16.8	9.2
11...	1207	10	660	7.6	16.8	9.1
11...	1208	0	330	7.6	16.9	9.3
11...	1209	5	330	7.6	16.7	8.9
11...	1210	9	330	7.6	16.7	8.9
11...	1211	0	100	7.6	17.6	9.3
11...	1212	3	100	7.6	17.6	8.9