

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 mi², 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 records rated good, pH records rated good except for Sept. 17-30, which is fair. Water temperature records rated good. Dissolved oxygen records rated fair except for periods Oct. 31 to Dec. 11 and July 17 to Sept. 16, which are poor. 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, 20,900 microsiemens, Feb. 4; minimum, 228 microsiemens, Mar. 23.

pH: Maximum 7.9, Nov. 18; minimum, 7.0, Apr. 12.

WATER TEMPERATURE: Maximum, 28.0°C, Aug. 9-11; minimum recorded, 0.0°C, many days during winter..

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

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	12200	5220	7640	13200	6050	8450	18200	7640	12100	12100	3750	6960
2	12100	5140	7310	17000	6380	10500	19600	8240	14500	12200	4480	7750
3	9380	4820	6230	13200	6970	9500	17400	8650	12600	10600	4280	6760
4	9420	4350	5960	8370	4700	6570	17000	8250	11600	12600	4410	7510
5	12400	3980	6010	8480	4000	5430	17500	7930	11400	8450	3230	5220
6	11000	4210	6920	8340	3660	5350	16800	8060	11200	10700	3260	5980
7	9300	3700	5430	9610	3650	5580	14400	7070	9950	12100	4010	6800
8	10200	3610	5610	12900	4420	7560	16300	6990	10300	10700	3710	5590
9	9530	3440	5250	13400	4910	7740	15400	6780	9660	10000	3380	5520
10	9230	3220	4740	10900	4570	6810	16000	7180	10700	11800	3520	6920
11	6750	2900	4200	13200	4510	7380	12600	5150	8220	8900	3200	5650
12	8840	2810	4590	14500	5510	9300	12000	4680	7220	6180	1740	3310
13	8780	2850	4780	12000	5580	8350	17200	6670	10900	8660	1670	4180
14	7300	2390	3510	13300	5860	9230	18700	6400	12000	8200	1430	3290
15	7010	2280	3830	14200	5720	8170	16200	7560	11300	12000	1560	6310
16	9320	2270	4850	15900	6420	10900	14800	7050	10400	13600	4340	7950
17	10600	2970	5680	18400	7710	13300	10400	5840	7470	7680	2340	4060
18	14000	2960	7150	19900	8690	15000	11700	4470	6720	16200	3470	9410
19	15700	5970	10100	17100	10400	13700	13200	5010	8560	18000	5680	11500
20	15300	6110	10900	17500	9410	13500	14900	5120	9660	18800	7640	11400
21	16000	6190	10200	17100	9440	12600	13900	4990	8640	15100	6940	9990
22	16100	6820	11200	17300	9580	12500	12000	4910	7230	16000	6350	9800
23	16100	7760	11100	17900	9630	12800	13300	4600	7520	15000	6680	9000
24	13500	6610	9450	17900	9790	12800	11100	4290	6510	17400	6720	11300
25	14400	6050	9200	17500	9820	12500	12200	4100	6630	20500	9830	14500
26	13300	5920	9080	18400	10400	13100	11000	4520	7090	18700	9770	13800
27	12600	5530	8100	16200	9560	12500	9890	3890	5500	15600	9280	11600
28	14900	5810	8960	14600	8840	11000	11900	3960	6560	16800	8860	12000
29	13500	6130	9120	13600	7900	9800	11100	4530	6710	18900	8340	13900
30	13300	5940	8130	14000	7070	9110	8180	3820	5370	19700	11000	15900
31	13300	6160	8840	---	---	---	7170	3360	5100	20800	9890	16400
MONTH	16100	2270	7230	19900	3650	10000	19600	3360	9010	20800	1430	8720

DELAWARE RIVER BASIN

01482800 DELAWARE RIVER AT REEDY ISLAND JETTY, DE--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	7.6	7.5	7.5	7.5	7.4	7.4	7.8	7.6	7.7	7.8	7.6	7.7
2	7.6	7.5	7.5	7.7	7.4	7.5	7.8	7.7	7.8	7.8	7.6	7.7
3	7.5	7.5	7.5	7.6	7.5	7.5	7.8	7.7	7.7	7.8	7.6	7.7
4	7.5	7.4	7.5	7.5	7.5	7.5	7.8	7.6	7.7	7.8	7.6	7.7
5	7.6	7.5	7.5	7.5	7.5	7.5	7.8	7.6	7.7	7.7	7.7	7.7
6	7.6	7.5	7.6	7.5	7.5	7.5	7.7	7.6	7.6	7.8	7.7	7.7
7	7.6	7.5	7.6	7.6	7.5	7.5	7.7	7.6	7.6	7.8	7.7	7.7
8	7.6	7.5	7.6	7.7	7.5	7.6	7.8	7.5	7.6	7.7	7.6	7.7
9	7.7	7.5	7.6	7.7	7.5	7.6	7.8	7.6	7.6	7.7	7.6	7.6
10	7.6	7.5	7.5	7.6	7.5	7.5	7.8	7.6	7.7	7.7	7.5	7.6
11	7.6	7.5	7.5	7.7	7.5	7.5	7.7	7.6	7.7	7.6	7.6	7.6
12	7.6	7.5	7.5	7.7	7.6	7.6	7.7	7.6	7.6	7.6	7.5	7.6
13	7.6	7.5	7.6	7.6	7.5	7.6	7.8	7.6	7.7	7.7	7.5	7.6
14	7.7	7.5	7.6	7.7	7.5	7.6	7.8	7.5	7.7	7.7	7.6	7.6
15	7.7	7.6	7.6	7.7	7.5	7.6	7.8	7.6	7.7	7.8	7.6	7.7
16	7.7	7.4	7.6	7.8	7.6	7.7	7.8	7.5	7.7	7.8	7.6	7.7
17	7.6	7.4	7.5	7.9	7.6	7.8	7.7	7.6	7.6	7.7	7.6	7.7
18	7.8	7.5	7.6	7.9	7.7	7.9	7.7	7.5	7.6	7.8	7.7	7.7
19	7.9	7.6	7.7	7.9	7.7	7.8	7.7	7.6	7.7	7.8	7.7	7.8
20	7.9	7.6	7.7	7.8	7.7	7.8	7.8	7.6	7.7	7.8	7.7	7.7
21	7.8	7.5	7.6	7.8	7.7	7.7	7.7	7.6	7.7	7.8	7.7	7.7
22	7.8	7.5	7.7	7.8	7.6	7.7	7.7	7.6	7.6	7.8	7.7	7.7
23	7.8	7.6	7.7	7.8	7.6	7.7	7.8	7.6	7.6	7.8	7.7	7.7
24	7.7	7.6	7.6	7.8	7.6	7.6	7.7	7.6	7.6	7.8	7.7	7.7
25	7.7	7.5	7.6	7.7	7.6	7.6	7.8	7.6	7.6	7.8	7.7	7.8
26	7.7	7.5	7.6	7.7	7.5	7.6	7.7	7.6	7.7	7.8	7.7	7.8
27	7.7	7.5	7.6	7.7	7.5	7.6	7.7	7.6	7.7	7.8	7.7	7.7
28	7.7	7.5	7.6	7.6	7.5	7.6	7.8	7.6	7.7	7.8	7.7	7.7
29	7.7	7.5	7.6	7.6	7.5	7.6	7.8	7.7	7.7	7.8	7.7	7.8
30	7.6	7.4	7.5	7.7	7.6	7.6	7.8	7.7	7.7	7.8	7.7	7.8
31	7.6	7.4	7.4	---	---	---	7.8	7.7	7.7	7.8	7.7	7.8
MAX	7.9	7.6	7.7	7.9	7.7	7.9	7.8	7.7	7.8	7.8	7.7	7.8
MIN	7.5	7.4	7.4	7.5	7.4	7.4	7.7	7.5	7.6	7.6	7.5	7.6

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
	FEBRUARY			MARCH			APRIL			MAY		
1	7.8	7.7	7.8	7.7	7.5	7.5	7.6	7.2	7.4	7.6	7.4	7.5
2	7.8	7.7	7.7	7.7	7.4	7.5	7.4	7.3	7.3	7.6	7.5	7.5
3	7.8	7.7	7.7	7.7	7.5	7.6	7.4	7.2	7.3	7.5	7.4	7.5
4	7.8	7.7	7.8	7.8	7.5	7.6	7.4	7.3	7.3	7.6	7.4	7.5
5	7.8	7.7	7.8	7.8	7.5	7.6	7.4	7.2	7.3	7.6	7.4	7.5
6	7.8	7.7	7.7	7.7	7.5	7.6	7.3	7.2	7.3	7.5	7.3	7.4
7	7.8	7.7	7.7	7.7	7.5	7.5	7.3	7.2	7.3	7.4	7.3	7.3
8	7.8	7.7	7.7	7.6	7.5	7.5	7.4	7.0	7.3	7.4	7.2	7.3
9	7.8	7.7	7.7	7.7	7.3	7.5	7.3	7.0	7.2	7.4	7.2	7.3
10	7.7	7.6	7.7	7.7	7.4	7.5	7.3	7.1	7.2	7.4	7.3	7.3
11	7.8	7.7	7.7	7.6	7.4	7.5	7.4	7.1	7.2	7.4	7.2	7.4
12	7.7	7.6	7.7	7.7	7.4	7.5	7.3	7.0	7.1	7.5	7.3	7.4
13	7.8	7.7	7.7	7.5	7.4	7.5	7.3	7.0	7.2	7.5	7.3	7.4
14	7.7	7.6	7.7	7.5	7.4	7.4	7.3	7.1	7.2	7.5	7.3	7.4
15	7.7	7.6	7.7	7.5	7.3	7.4	7.4	7.1	7.3	7.4	7.3	7.4
16	7.8	7.6	7.7	7.4	7.2	7.3	7.4	7.2	7.3	7.4	7.3	7.4
17	7.7	7.6	7.7	7.4	7.2	7.3	7.4	7.2	7.3	7.5	7.4	7.4
18	7.8	7.6	7.7	7.5	7.4	7.4	7.5	7.3	7.4	7.5	7.3	7.4
19	7.8	7.6	7.7	7.6	7.3	7.4	7.6	7.4	7.5	7.4	7.3	7.4
20	7.7	7.6	7.7	7.6	7.3	7.4	7.6	7.4	7.5	7.5	7.3	7.4
21	7.7	7.6	7.6	7.6	7.4	7.5	7.6	7.3	7.5	7.5	7.3	7.4
22	7.7	7.5	7.6	7.6	7.3	7.5	7.5	7.3	7.4	7.5	7.4	7.4
23	7.6	7.5	7.6	7.4	7.3	7.4	7.4	7.3	7.4	7.5	7.4	7.4
24	7.6	7.5	7.6	7.5	7.2	7.3	7.5	7.2	7.4	7.5	7.4	7.4
25	7.6	7.5	7.5	7.3	7.2	7.3	7.4	7.1	7.2	7.5	7.3	7.4
26	7.7	7.5	7.5	7.3	7.1	7.2	7.5	7.1	7.3	7.5	7.4	7.4
27	7.6	7.5	7.5	7.3	7.2	7.3	7.4	7.2	7.3	7.4	7.3	7.4
28	7.6	7.5	7.5	7.4	7.1	7.3	7.5	7.2	7.4	7.5	7.3	7.4
29	7.6	7.5	7.5	7.3	7.2	7.3	7.5	7.3	7.4	7.6	7.3	7.5
30	---	---	---	7.5	7.2	7.3	7.5	7.3	7.4	7.6	7.4	7.5
31	---	---	---	7.6	7.2	7.3	---	---	---	7.6	7.4	7.5
MAX	7.8	7.7	7.8	7.8	7.5	7.6	7.6	7.4	7.5	7.6	7.5	7.5
MIN	7.6	7.5	7.5	7.3	7.1	7.2	7.3	7.0	7.1	7.4	7.2	7.3

DELAWARE RIVER BASIN

01482800 DELAWARE RIVER AT REEDY ISLAND JETTY, DE--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	7.5	7.4	7.5	7.4	7.2	7.3	7.2	7.1	7.2	7.3	7.2	7.2
2	7.5	7.4	7.4	7.3	7.2	7.3	7.2	7.1	7.2	7.3	7.2	7.2
3	7.5	7.4	7.5	7.3	7.2	7.3	7.2	7.1	7.1	7.2	7.2	7.2
4	7.5	7.4	7.5	7.3	7.1	7.2	7.1	7.1	7.1	7.2	7.2	7.2
5	7.5	7.4	7.5	7.3	7.2	7.2	7.2	7.1	7.1	7.3	7.2	7.3
6	7.6	7.5	7.5	7.3	7.2	7.3	7.2	7.1	7.1	7.4	7.2	7.3
7	7.6	7.5	7.6	7.3	7.2	7.3	7.2	7.0	7.1	7.4	7.3	7.3
8	7.6	7.5	7.6	7.4	7.2	7.3	7.1	7.0	7.1	7.5	7.3	7.4
9	7.6	7.5	7.5	7.4	7.3	7.3	7.1	7.0	7.1	7.5	7.4	7.4
10	7.6	7.4	7.5	7.4	7.3	7.3	7.2	7.0	7.1	7.5	7.3	7.4
11	7.6	7.4	7.5	7.4	7.3	7.3	7.2	7.1	7.1	7.5	7.4	7.4
12	7.6	7.4	7.5	7.5	7.3	7.3	7.3	7.1	7.2	7.5	7.4	7.4
13	7.6	7.4	7.5	7.4	7.2	7.3	7.3	7.2	7.3	7.5	7.4	7.4
14	---	---	---	7.4	7.3	7.4	7.3	7.2	7.3	7.4	7.4	7.4
15	---	---	---	7.4	7.3	7.4	7.3	7.2	7.2	7.5	7.4	7.4
16	---	---	---	7.3	7.3	7.3	7.3	7.2	7.2	7.5	7.4	7.4
17	7.4	7.3	7.3	7.3	7.2	7.3	7.3	7.2	7.2	7.5	7.4	7.4
18	7.3	7.2	7.3	7.3	7.2	7.3	7.3	7.2	7.2	7.5	7.4	7.4
19	7.4	7.3	7.3	7.3	7.3	7.3	7.2	7.2	7.2	7.4	7.4	7.4
20	7.4	7.2	7.3	7.4	7.2	7.3	7.3	7.2	7.2	7.4	7.3	7.4
21	7.4	7.3	7.3	7.3	7.2	7.3	7.3	7.2	7.3	7.4	7.4	7.4
22	7.3	7.2	7.3	7.4	7.2	7.3	7.3	7.2	7.2	7.5	7.4	7.4
23	7.4	7.2	7.3	7.3	7.2	7.3	7.3	7.2	7.3	7.5	7.4	7.4
24	7.4	7.3	7.3	7.3	7.2	7.3	7.3	7.2	7.2	7.4	7.3	7.4
25	7.5	7.3	7.4	7.3	7.2	7.3	7.3	7.2	7.2	7.6	7.4	7.4
26	7.5	7.3	7.4	7.3	7.2	7.3	7.3	7.2	7.2	7.7	7.5	7.6
27	7.5	7.3	7.4	7.3	7.2	7.3	7.3	7.2	7.3	7.6	7.3	7.6
28	7.4	7.3	7.4	7.3	7.2	7.2	7.3	7.2	7.2	7.3	7.3	7.3
29	7.4	7.3	7.3	7.3	7.2	7.3	7.3	7.2	7.3	7.4	7.3	7.3
30	7.4	7.3	7.3	7.3	7.2	7.2	7.3	7.2	7.3	7.5	7.3	7.5
31	---	---	---	7.3	7.2	7.2	7.3	7.2	7.3	---	---	---
MAX	7.6	7.5	7.6	7.5	7.3	7.4	7.3	7.2	7.3	7.7	7.5	7.6
MIN	7.3	7.2	7.3	7.3	7.1	7.2	7.1	7.0	7.1	7.2	7.2	7.2

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	20.5	20.0	20.5	15.5	15.0	15.0	10.0	9.0	9.5	4.5	4.0	4.5
2	20.5	20.0	20.0	15.5	15.0	15.0	9.0	8.5	9.0	5.0	4.0	4.5
3	21.0	20.0	20.5	15.5	14.5	15.0	9.0	8.5	9.0	5.5	4.5	5.0
4	20.5	20.0	20.5	14.5	13.5	14.0	9.0	8.5	9.0	6.0	5.0	5.5
5	20.0	19.5	19.5	14.0	13.0	13.5	9.5	9.0	9.0	6.0	5.5	5.5
6	19.5	19.0	19.5	14.0	13.0	13.5	9.5	9.0	9.5	6.0	5.0	5.5
7	19.0	18.0	18.5	14.0	13.0	13.0	9.5	9.0	9.5	6.0	5.0	5.5
8	18.5	18.0	18.0	13.0	12.5	13.0	9.5	9.0	9.0	5.5	5.0	5.5
9	18.5	18.0	18.0	13.0	12.5	13.0	9.5	8.5	9.0	5.5	5.0	5.5
10	18.0	18.0	18.0	13.0	12.5	13.0	9.0	9.0	9.0	6.0	5.0	5.5
11	18.5	18.0	18.5	13.0	12.5	13.0	9.0	8.0	8.5	6.0	5.0	5.5
12	18.5	18.0	18.0	13.0	12.0	12.5	9.0	8.0	8.0	5.5	5.0	5.0
13	18.5	18.0	18.0	13.0	12.0	12.5	8.5	8.0	8.0	5.5	4.5	5.0
14	18.5	17.0	18.0	13.0	11.0	12.5	8.5	8.0	8.0	5.0	3.5	4.5
15	17.5	17.0	17.5	12.5	11.5	12.0	8.5	8.0	8.0	4.0	3.5	3.5
16	18.0	16.5	17.5	12.0	10.5	11.5	8.5	8.0	8.0	4.0	3.5	4.0
17	17.5	17.5	17.5	11.5	10.0	10.5	8.0	7.5	8.0	3.5	2.0	3.0
18	17.5	17.0	17.5	11.0	10.0	10.5	8.0	7.5	7.5	2.0	1.5	2.0
19	17.0	16.5	16.5	10.5	10.0	10.5	7.5	7.5	7.5	2.0	1.5	2.0
20	17.0	16.5	16.5	11.0	10.5	10.5	7.5	7.5	7.5	2.0	1.5	1.5
21	17.0	16.0	16.5	11.0	10.5	11.0	7.5	7.0	7.5	2.0	1.0	1.0
22	16.5	16.0	16.5	11.0	11.0	11.0	7.5	7.0	7.0	1.0	.5	.5
23	16.5	16.0	16.0	11.5	11.0	11.5	7.0	6.5	7.0	.5	.0	.5
24	16.0	15.0	15.5	12.0	11.5	11.5	7.0	5.5	6.0	.5	.0	.5
25	15.5	14.5	15.0	12.0	11.5	12.0	6.0	5.0	5.5	.5	.0	.0
26	15.0	14.5	14.5	12.5	12.0	12.0	5.5	5.0	5.0	.0	.0	.0
27	15.0	14.5	14.5	12.5	12.0	12.5	5.0	4.5	4.5	.0	.0	.0
28	14.5	14.0	14.5	12.5	11.5	12.0	5.0	4.0	4.5	.0	.0	.0
29	14.5	14.5	14.5	12.0	11.0	11.5	4.5	4.0	4.5	.0	.0	.0
30	15.0	14.5	14.5	11.0	9.5	10.5	4.5	3.5	4.0	.0	.0	.0
31	15.0	14.5	15.0	---	---	---	4.5	3.5	4.0	.5	.0	.0
MONTH	21.0	14.0	17.3	15.5	9.5	12.3	10.0	3.5	7.4	6.0	.0	2.9

DELAWARE RIVER BASIN

01482800 DELAWARE RIVER AT REEDY ISLAND JETTY, DE--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	7.2	6.6	7.0	8.6	6.2	8.1	9.2	8.3	8.9	---	---	---
2	7.2	6.6	7.0	9.1	8.2	8.6	9.1	8.2	8.8	---	---	---
3	7.1	6.4	6.8	8.8	8.0	8.5	9.2	8.6	8.9	---	---	---
4	6.7	5.8	6.4	8.9	8.6	8.8	9.4	8.5	9.1	---	---	---
5	6.9	6.2	6.6	9.0	8.6	8.9	9.6	9.0	9.3	---	---	---
6	6.9	6.1	6.6	9.1	8.5	8.9	9.7	9.1	9.4	---	---	---
7	7.1	6.3	6.8	9.3	8.7	9.0	10.0	9.5	9.8	---	---	---
8	7.2	6.7	7.0	9.2	8.2	8.8	10.2	9.6	9.9	---	---	---
9	7.1	6.4	6.9	9.1	8.2	8.9	10.5	9.9	10.1	---	---	---
10	7.2	6.6	6.9	9.3	8.7	9.1	10.6	10.0	10.2	---	---	---
11	7.2	6.2	6.9	9.7	8.9	9.2	10.7	9.7	10.4	---	---	---
12	7.6	6.8	7.2	9.1	8.7	9.0	---	---	---	---	---	---
13	7.8	7.2	7.6	10.0	8.5	9.1	---	---	---	---	---	---
14	8.1	7.0	7.8	9.8	8.5	9.2	---	---	---	---	---	---
15	8.1	7.6	7.9	9.4	8.4	9.0	---	---	---	---	---	---
16	8.2	7.5	7.9	9.1	8.2	8.6	---	---	---	---	---	---
17	7.8	7.4	7.6	8.9	6.8	8.2	---	---	---	---	---	---
18	8.2	7.3	7.8	9.3	7.3	8.4	---	---	---	---	---	---
19	8.3	7.7	8.0	9.6	8.3	8.8	---	---	---	---	---	---
20	8.2	7.8	8.0	9.6	8.9	9.2	---	---	---	---	---	---
21	8.1	7.6	7.9	9.7	8.2	9.0	---	---	---	---	---	---
22	8.4	7.7	8.1	8.9	7.8	8.5	---	---	---	---	---	---
23	8.3	7.5	8.1	9.1	7.8	8.4	---	---	---	---	---	---
24	8.5	7.3	8.1	9.3	8.2	8.8	---	---	---	---	---	---
25	8.8	7.6	8.3	9.4	8.1	8.8	---	---	---	---	---	---
26	8.7	7.0	8.2	9.4	8.2	9.0	---	---	---	---	---	---
27	8.8	7.2	8.3	9.7	8.4	9.2	---	---	---	---	---	---
28	8.8	7.9	8.5	9.2	8.1	8.6	---	---	---	---	---	---
29	8.8	6.9	8.4	8.8	8.2	8.6	---	---	---	---	---	---
30	8.7	8.1	8.3	9.1	8.3	8.7	---	---	---	---	---	---
31	8.5	7.4	8.1	---	---	---	---	---	---	---	---	---
MONTH	8.8	5.8	7.6	10.0	6.2	8.8	10.7	8.2	9.5	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	8.3	7.6	7.9
8	---	---	---	---	---	---	---	---	---	8.5	7.8	8.1
9	---	---	---	---	---	---	---	---	---	8.9	7.9	8.1
10	---	---	---	---	---	---	---	---	---	8.5	7.7	8.1
11	---	---	---	---	---	---	---	---	---	8.9	7.9	8.4
12	---	---	---	---	---	---	---	---	---	9.0	7.9	8.5
13	---	---	---	---	---	---	---	---	---	9.0	8.2	8.5
14	---	---	---	---	---	---	---	---	---	8.9	8.0	8.4
15	---	---	---	---	---	---	---	---	---	8.8	7.7	8.3
16	---	---	---	---	---	---	---	---	---	8.9	3.5	8.2
17	---	---	---	---	---	---	---	---	---	8.9	7.4	8.4
18	---	---	---	---	---	---	---	---	---	9.2	8.2	8.5
19	---	---	---	---	---	---	---	---	---	8.5	8.1	8.3
20	---	---	---	---	---	---	---	---	---	8.7	8.2	8.5
21	---	---	---	---	---	---	---	---	---	8.6	8.1	8.4
22	---	---	---	---	---	---	---	---	---	8.5	8.2	8.3
23	---	---	---	---	---	---	---	---	---	8.5	7.9	8.3
24	---	---	---	---	---	---	---	---	---	8.5	8.0	8.3
25	---	---	---	---	---	---	---	---	---	8.3	7.6	8.1
26	---	---	---	---	---	---	---	---	---	8.2	7.6	7.9
27	---	---	---	---	---	---	---	---	---	8.0	7.4	7.8
28	---	---	---	---	---	---	---	---	---	7.9	6.6	7.3
29	---	---	---	---	---	---	---	---	---	7.6	6.9	7.3
30	---	---	---	---	---	---	---	---	---	7.6	7.2	7.4
31	---	---	---	---	---	---	---	---	---	7.5	6.9	7.3
MONTH	---	---	---	---	---	---	---	---	---	9.2	3.5	8.1

DELAWARE RIVER BASIN

01482800 DELAWARE RIVER AT REEDY ISLAND JETTY, DE--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	7.5	6.6	7.2	6.2	5.4	5.9	5.7	5.4	5.5	6.8	5.4	6.1
2	7.4	6.8	7.2	6.4	5.6	5.9	5.7	5.4	5.5	6.6	4.6	5.5
3	7.5	6.7	7.3	6.6	5.6	6.2	5.6	5.4	5.5	6.3	4.7	5.4
4	7.7	7.0	7.4	7.5	5.7	6.7	5.6	5.4	5.5	6.6	5.0	5.6
5	7.8	7.3	7.5	7.5	5.5	6.5	5.7	5.4	5.5	7.3	5.1	5.8
6	8.0	7.4	7.7	7.0	5.3	6.1	5.8	5.2	5.6	7.5	6.1	6.7
7	8.2	7.5	7.8	6.7	5.1	5.8	5.8	5.4	5.7	7.6	6.2	6.8
8	8.3	7.5	7.8	6.3	4.7	5.4	6.0	5.3	5.8	8.0	6.5	7.0
9	7.9	7.3	7.7	5.7	4.3	4.9	6.2	5.7	5.9	8.4	6.6	7.3
10	7.8	7.3	7.6	4.9	4.0	4.5	6.4	5.8	6.1	10.1	6.8	7.9
11	7.7	6.6	7.3	4.9	3.9	4.3	6.5	6.1	6.3	10.3	7.0	8.3
12	8.0	4.8	6.7	5.2	4.2	4.6	7.0	6.1	6.5	10.0	7.1	8.3
13	---	---	---	5.5	4.5	4.9	7.4	6.6	7.0	9.6	6.6	7.9
14	---	---	---	5.7	4.8	5.2	7.8	6.9	7.4	8.6	6.8	7.7
15	---	---	---	6.0	4.8	5.5	7.8	6.7	7.2	9.8	6.4	8.0
16	---	---	---	6.3	5.5	6.0	7.9	6.7	7.3	7.9	6.4	7.2
17	8.1	6.5	7.1	7.7	5.9	6.7	7.6	6.9	7.3	8.1	6.6	7.3
18	7.5	6.2	6.7	6.7	5.6	6.0	8.0	6.4	7.3	7.4	6.7	7.1
19	7.6	6.0	6.5	5.9	5.5	5.8	8.3	6.8	7.7	8.5	6.6	7.2
20	7.1	6.0	6.5	6.3	5.4	6.0	8.7	6.8	7.8	7.8	6.6	7.0
21	6.8	6.0	6.5	6.6	6.1	6.3	8.1	6.6	7.3	7.4	6.4	6.9
22	6.9	6.1	6.5	6.6	5.8	6.3	8.2	6.5	7.2	7.7	6.1	6.7
23	7.1	6.3	6.6	6.1	5.4	5.9	8.0	6.2	7.1	8.0	6.4	6.9
24	7.2	6.3	6.8	5.8	5.5	5.7	7.5	5.8	6.4	7.9	6.5	7.0
25	7.4	6.0	6.9	5.8	5.4	5.5	7.7	6.0	6.5	8.0	6.3	7.0
26	7.2	6.5	6.9	5.7	5.3	5.5	8.1	6.0	6.8	8.8	7.1	7.8
27	6.9	6.0	6.6	5.6	5.2	5.4	8.2	6.5	7.3	8.9	6.8	7.9
28	6.6	5.7	6.1	5.6	5.2	5.3	8.0	5.3	6.3	8.4	6.7	7.5
29	6.4	5.5	6.0	5.7	5.2	5.4	7.1	5.3	6.1	8.3	6.8	7.4
30	6.2	5.4	5.9	5.6	5.2	5.4	7.6	5.4	6.4	8.1	6.9	7.5
31	---	---	---	5.7	5.3	5.5	7.2	5.6	6.4	---	---	---
MONTH	8.3	4.8	7.0	7.7	3.9	5.6	8.7	5.2	6.5	10.3	4.6	7.1

DELAWARE RIVER BASIN

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

CROSS-SECTION ANALYSES, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	OXYGEN, DIS- SOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	SPE- CIFIC CON- DUCT- ANCE (μ S/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)	SAMPLE LOC- ATION, CROSS SECTION (FT FM R BK) (72103)	SAM- PLING DEPTH (FEET) (00003)
AUG							
30...	1218	6.7	7.5	10400	24.6	150	.5
30...	1219	6.7	7.5	10400	24.6	150	5.0
30...	1220	6.7	7.5	10400	24.6	150	10.0
30...	1221	6.8	7.4	10300	24.6	150	15.0
30...	1222	6.6	7.4	10400	24.6	150	20.0
30...	1225	6.8	7.4	11100	24.7	550	.5
30...	1226	6.8	7.4	10900	24.6	550	5.0
30...	1227	6.8	7.4	10700	24.6	550	10.0
30...	1228	6.7	7.4	10700	24.6	550	15.0
30...	1229	6.6	7.4	10800	24.6	550	20.0
30...	1232	6.6	7.4	11300	24.6	950	.5
30...	1233	6.6	7.4	11300	24.6	950	5.0
30...	1234	6.4	7.4	11300	24.6	950	10.0
30...	1235	6.8	7.4	11400	24.6	950	15.0
30...	1236	6.7	7.4	11400	24.6	950	20.0
30...	1237	6.7	7.4	11300	24.6	950	25.0
30...	1241	6.7	7.4	11700	24.7	1350	.5
30...	1242	6.8	7.4	11700	24.6	1350	5.0
30...	1243	6.8	7.4	11700	24.6	1350	10.0
30...	1244	6.4	7.4	11700	24.6	1350	15.0
30...	1245	6.7	7.4	11700	24.6	1350	20.0
30...	1246	6.7	7.4	11800	24.6	1350	25.0
30...	1249	6.8	7.4	12200	24.6	1750	.5
30...	1250	6.8	7.4	12200	24.6	1750	5.0
30...	1251	6.8	7.4	12000	24.6	1750	10.0
30...	1252	6.7	7.4	12100	24.6	1750	15.0
30...	1253	6.7	7.4	12100	24.6	1750	20.0
30...	1254	6.7	7.4	12100	24.6	1750	25.0
30...	1255	6.7	7.4	12100	24.6	1750	30.0
30...	1302	6.9	7.4	12200	24.7	2150	.5
30...	1303	6.8	7.4	12300	24.6	2150	5.0
30...	1304	6.8	7.4	12300	24.6	2150	10.0
30...	1305	6.8	7.4	12400	24.6	2150	15.0
30...	1306	6.8	7.4	12400	24.6	2150	20.0
30...	1307	6.8	7.4	12500	24.5	2150	25.0
30...	1308	6.7	7.4	12500	24.5	2150	30.0
30...	1309	6.6	7.3	13200	24.6	2150	35.0
30...	1313	6.9	7.4	12400	24.6	2550	.5
30...	1314	6.7	7.4	12600	24.5	2550	5.0
30...	1315	6.7	7.4	12700	24.5	2550	10.0
30...	1316	6.7	7.4	12700	24.5	2550	15.0
30...	1317	6.6	7.3	13000	24.6	2550	20.0
30...	1318	6.6	7.3	13300	24.6	2550	25.0
30...	1319	6.6	7.3	13500	24.6	2550	30.0
30...	1320	6.5	7.3	13500	24.6	2550	35.0
30...	1329	6.6	7.4	12800	24.7	2950	.5
30...	1330	6.7	7.4	12900	24.5	2950	5.0
30...	1331	6.7	7.4	13000	24.5	2950	10.0
30...	1332	6.6	7.3	13500	24.6	2950	15.0
30...	1333	6.7	7.3	13700	24.6	2950	20.0
30...	1334	6.7	7.3	13800	24.6	2950	25.0
30...	1335	6.7	7.3	14100	24.6	2950	30.0
30...	1336	6.7	7.4	14100	24.6	2950	35.0
30...	1337	6.6	7.4	14100	24.6	2950	40.0
30...	1340	6.8	7.4	13000	24.8	3350	.5
30...	1341	6.7	7.4	13200	24.6	3350	5.0
30...	1342	6.5	7.4	13600	24.6	3350	10.0
30...	1343	6.7	7.3	14000	24.6	3350	15.0
30...	1344	6.7	7.4	14100	24.6	3350	20.0
30...	1345	6.7	7.4	14200	24.6	3350	25.0
30...	1346	6.4	7.4	14300	24.6	3350	30.0
30...	1347	6.5	7.4	14400	24.6	3350	35.0
30...	1348	6.4	7.4	14400	24.6	3350	40.0
30...	1349	6.3	7.4	14400	24.6	3350	45.0
30...	1352	6.7	7.4	13000	24.8	3750	.5
30...	1353	6.4	7.4	13300	24.6	3750	5.0
30...	1354	6.4	7.4	13800	24.6	3750	10.0
30...	1355	6.5	7.4	14100	24.6	3750	15.0
30...	1356	6.5	7.4	14200	24.6	3750	20.0
30...	1357	6.6	7.4	14300	24.6	3750	25.0
30...	1358	6.5	7.4	14400	24.6	3750	30.0
30...	1359	6.6	7.4	14500	24.6	3750	35.0
30...	1400	6.7	7.4	14600	24.6	3750	40.0
30...	1401	6.5	7.4	14600	24.6	3750	45.0
30...	1407	6.7	7.4	13100	24.8	4950	.5
30...	1408	6.5	7.4	13200	24.7	4950	5.0

DELAWARE RIVER BASIN

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

CROSS-SECTION ANALYSES, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	OXYGEN, DIS- SOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)	SAMPLE LOC- ATION, CROSS SECTION (FT FM R BK) (72103)	SAM- PLING DEPTH (FEET) (00003)
AUG							
30...	1409	6.5	7.4	13400	24.7	4950	10.0
30...	1410	6.4	7.4	13700	24.7	4950	15.0
30...	1411	6.4	7.4	14000	24.7	4950	20.0
30...	1412	6.4	7.4	14100	24.7	4950	25.0
30...	1413	6.3	7.4	14200	24.7	4950	30.0
30...	1414	6.4	7.4	14400	24.7	4950	35.0
30...	1415	6.4	7.4	14400	24.7	4950	40.0
30...	1418	6.8	7.4	13000	24.7	4550	.5
30...	1419	6.3	7.4	13300	24.6	4550	5.0
30...	1420	6.3	7.4	13800	24.6	4550	10.0
30...	1421	6.4	7.4	13900	24.6	4550	15.0
30...	1422	6.5	7.4	14300	24.6	4550	20.0
30...	1423	6.4	7.4	14400	24.6	4550	25.0
30...	1424	6.6	7.4	14300	24.6	4550	30.0
30...	1425	6.5	7.4	14400	24.6	4550	35.0
30...	1426	6.4	7.4	14400	24.7	4550	40.0
30...	1427	6.6	7.4	14500	24.7	4550	45.0
30...	1431	6.6	7.4	13000	24.9	5350	.5
30...	1432	6.4	7.4	13200	24.6	5350	5.0
30...	1433	6.5	7.4	13600	24.6	5350	10.0
30...	1434	6.5	7.4	13900	24.7	5350	15.0
30...	1435	6.3	7.4	14100	24.7	5350	20.0
30...	1436	6.3	7.4	14200	24.7	5350	25.0
30...	1437	6.3	7.4	14300	24.7	5350	30.0
30...	1438	6.7	7.4	14300	24.7	5350	35.0
30...	1444	6.6	7.4	12500	24.7	5750	.5
30...	1445	6.7	7.4	12900	24.7	5750	5.0
30...	1446	6.7	7.4	13000	24.7	5750	10.0
30...	1447	6.5	7.4	13200	24.7	5750	15.0
30...	1448	6.4	7.4	13400	24.7	5750	20.0
30...	1449	6.6	7.4	13500	24.7	5750	25.0
30...	1450	6.6	7.4	14000	24.8	5750	30.0
30...	1451	6.6	7.4	14100	24.8	5750	35.0
30...	1454	6.8	7.4	12500	24.8	6150	.5
30...	1455	6.8	7.4	12600	24.6	6150	5.0
30...	1456	6.7	7.4	12900	24.7	6150	10.0
30...	1457	6.6	7.4	13100	24.6	6150	15.0
30...	1458	6.7	7.4	13400	24.7	6150	20.0
30...	1459	6.5	7.4	13700	24.7	6150	25.0
30...	1500	6.6	7.3	13900	24.7	6150	30.0
30...	1501	6.6	7.4	13900	24.7	6150	35.0
30...	1505	6.8	7.4	12400	25.1	6550	.5
30...	1506	7.0	7.4	12500	25.2	6550	5.0
30...	1507	6.9	7.4	12400	25.2	6550	10.0
30...	1508	6.9	7.4	12400	25.2	6550	15.0
30...	1509	6.7	7.4	12300	24.9	6550	20.0
30...	1510	6.8	7.4	12300	24.8	6550	25.0
30...	1511	6.8	7.4	13300	24.7	6550	30.0
30...	1512	6.7	7.3	13400	24.7	6550	35.0
30...	1515	6.8	7.3	12100	25.8	6950	.5
30...	1516	6.8	7.4	12700	25.3	6950	5.0
30...	1517	6.8	7.4	12800	25.4	6950	10.0
30...	1518	6.7	7.4	12700	25.3	6950	15.0
30...	1519	6.8	7.4	12900	25.1	6950	20.0
30...	1520	6.8	7.4	12900	25.1	6950	25.0
30...	1521	6.7	7.4	13300	24.9	6950	30.0
30...	1525	6.6	7.3	12600	25.7	7350	.5
30...	1526	6.5	7.3	12800	25.5	7350	5.0
30...	1527	6.6	7.3	13000	25.2	7350	10.0
30...	1528	6.6	7.3	13200	25.0	7350	15.0
30...	1529	6.6	7.3	13100	25.1	7350	20.0
30...	1530	6.6	7.3	13200	25.0	7350	25.0
30...	1531	6.6	7.3	13300	25.0	7350	30.0
30...	1534	6.4	7.3	12700	25.5	7750	.5
30...	1535	6.6	7.3	12900	25.3	7750	5.0
30...	1536	6.4	7.3	13000	25.2	7750	10.0
30...	1537	6.3	7.3	13000	25.2	7750	15.0
30...	1538	6.5	7.3	13000	25.2	7750	20.0
30...	1541	6.7	7.3	12800	25.5	8150	.5
30...	1542	6.6	7.3	12800	25.5	8150	5.0
30...	1543	6.4	7.3	12800	25.5	8150	10.0
30...	1544	6.4	7.3	12800	25.5	8150	15.0
30...	1546	6.5	7.3	12500	25.8	8550	.5
30...	1547	6.5	7.3	12800	25.5	8550	5.0
30...	1548	6.5	7.3	12900	25.6	8550	10.0
30...	1549	6.4	7.3	12900	25.6	8550	15.0