DELAWARE RIVER BASIN

01463500 DELAWARE RIVER AT TRENTON, NJ
(National Water-Quality Assessment Station)

LOCATION.--Lat 40°13'18", long 74°46'42", Mercer County, Hydrologic Unit 02040105, on left bank 450 ft upstream from Calhoun Street Bridge at Trenton, 0.5 mi upstream from Assunpink Creek, and at river mile 134.5.

DRAINAGE AREA.--6,780 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--February 1913 to current year. October 1912 to February 1913 monthly discharge only, published in WSP 1302. Gage- height records collected in this vicinity since 1904 are contained in reports of the National Weather Service.

REVISED RECORDS.--WSP 951: Drainage area. WSP 1302: 1913-20. WSP 1382: 1924, 1928.

GAGE.--Water-stage recorder. Datum of gage is sea level. Prior to Sept. 30, 1965, at datum 7.77 ft higher. Feb. 24, 1913 to Oct. 2, 1928, nonrecording gage on downstream side of highway bridge at site 450 ft downstream.

REMARKS.--Records good except those for estimated daily discharges, which are fair. Diurnal fluctuations at medium and low flow caused by powerplants on tributary streams. Flow regulated by Lakes Wallenpaupack and Hopatcong, and by Pepacton, Cannonsville, Swinging Bridge, Toronto, Cliff Lake, Neversink, Wild Creek, and Merrill Creek Reservoirs and smaller reservoirs. Diversion from Pepacton, Cannonsville, and Neversink Reservoirs. Diversion to Bradshaw and Merrill Creek Reservoirs and to Delaware and Raritan Canal. Water diverted just above station by borough of Morrisville, PA, and city of Trenton, NJ for municipal supply. Satellite gage height and water-quality parameter telemeter at station. Information on the above lakes and reservoirs can be found in the annual Water Data Report NJ-01-1.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Oct. 11, 1903, reached an elevation of about 28.5 ft above sea level, discharge estimated, 295,000 ft^3/s. Maximum elevation since 1692, 30.6 ft above sea level, Mar. 8, 1904, from floodmark, due to ice jam.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 50,000 ft^3/s and maximum (*):

Date	Time	Discharge ft^3/s	Gage Height (ft)	Date	Time	Discharge ft^3/s	Gage Height (ft)
Dec. 19	0115	*80,100	*16.45	Apr. 11	1400	53,900	14.44

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4390	3300	5650	e7900	9320	12000	43300	7760	8960	6050	3140	3030
2	4190	3180	5300	e7800	9550	11000	33700	7920	12600	7770	3120	3270
3	3970	3120	5070	e7600	9660	10400	28700	7620	12000	6040	3110	3320
4	3740	3170	4670	e7400	9060	10200	25800	7390	13800	5550	3230	3210
5	4210	3500	4190	e7500	8540	10100	24300	7060	14500	6180	4730	3110
6	4160	3400	3910	e7300	8250	9770	24600	6690	12800	5530	4350	3130
7	4100	3180	3630	7450	7940	9690	26900	6050	10800	4690	3910	3120
8	4930	3120	3500	7010	8710	10200	27300	5500	9250	4580	3310	3060
9	5420	3030	3510	6660	8010	10500	30700	5280	8130	5020	3450	3390
10	4440	3350	3490	6460	11600	10700	35000	5110	7500	4780	3630	3140
11	3870	4140	3210	6110	11500	10100	50200	4920	6730	4710	5270	2960
12	3600	4560	3340	5730	10300	9190	48300	4590	6130	4970	6420	3010
13	3380	6540	3430	5440	10300	12900	40900	4390	6570	4950	7450	3040
14	3260	5790	4230	5340	10700	15800	36400	4210	6670	4600	5730	3240
15	3190	5470	5680	5440	10500	15500	31600	3990	6110	4290	4570	3540
16	3120	5310	5510	5570	11200	15100	27300	3760	5780	4010	3980	3220
17	3150	5550	19800	5510	13000	15500	24700	3570	13500	3530	3630	3250
18	3240	5490	61600	5660	12500	16000	23800	3490	14500	4030	3340	3020
19	3960	5010	64400	6330	10700	15500	21800	3630	13500	3880	3300	2860
20	6170	4560	37900	10400	9820	15100	19100	3730	11100	3710	3380	2840
21	8470	4330	28700	9080	9850	15800	17000	3930	9120	3580	3320	4280
22	6980	4120	22500	7140	9880	21600	15300	5430	8490	3360	3080	6780
23	6020	3950	19000	5650	9700	26900	14100	8060	12600	3370	2950	5120
24	5210	3770	15900	5410	9350	30900	13600	7600	12800	3190	3220	4350
25	4640	3540	14400	5400	9110	28600	13200	7040	9940	3190	3300	4070
26	4220	4100	11600	5520	12000	24900	12100	7140	8310	4410	3200	8830
27	4190	5020	11200	5100	12800	21800	11200	13200	7350	5020	3210	6980
28	3990	5540	11300	5380	12800	19300	10300	15000	6560	4060	3120	6640
29	3640	6220	e10000	5040	---	17300	9450	13700	6100	3680	3090	5650
30	3500	6130	e10000	5360	---	25300	8290	12200	5940	3620	3100	4590
31	3360	---	e8400	8960	---	37100	---	10400	---	3320	2980	---
TOTAL	134710	131490	415020	202650	286650	514750	748940	210360	288140	139670	117620	120050
MEAN	4345	4383	13390	6537	10240	16600	24960	6786	9605	4505	3794	4002
MAX	8470	6540	64400	10400	13000	37100	50200	15000	14500	7770	7450	8830
MIN	3120	3030	3210	5040	7940	9190	8290	3490	5780	3190	2950	2840

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1913 - 2001, BY WATER YEAR (WY)

MEAN	6834	10390	12620	12450	12820	20620	22300	14110	9094	7013	5885	5751
MAX	28710	27340	42860	34950	27550	60840	52680	31690	33460	25720	30290	22490
(WY)	1956	1928	1997	1979	1951	1936	1940	1989	1972	1928	1955	1933
MIN	1632	1868	2037	2539	3500	7715	6828	5074	2572	1548	1808	1762
(WY)	1942	1915	1923	1981	1920	1981	1985	1995	1965	1965	1965	1932

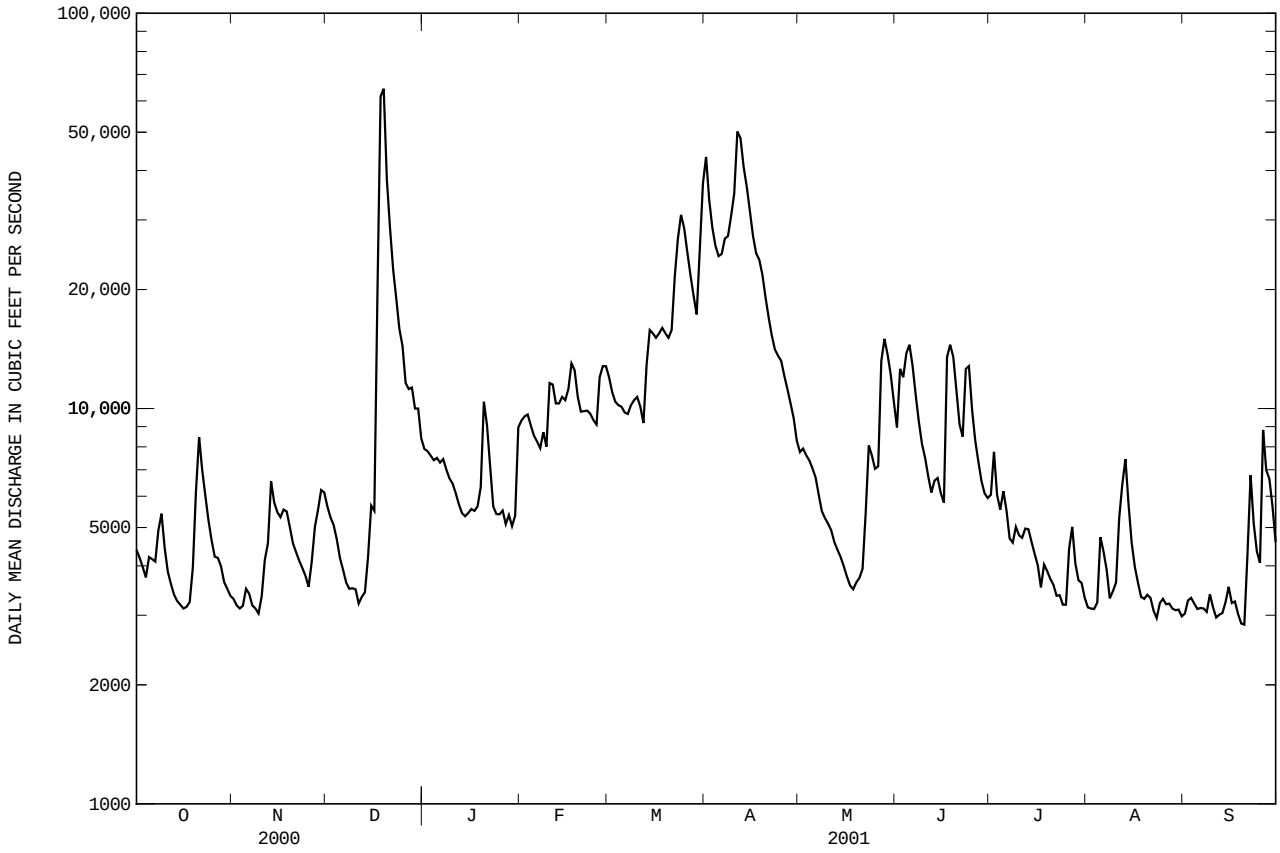
e Estimated.

DELAWARE RIVER BASIN

01463500 DELAWARE RIVER AT TRENTON, NJ--Continued

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1913 - 2001	
ANNUAL TOTAL	4386760		3310050			
ANNUAL MEAN	11990		9069		11650	
HIGHEST ANNUAL MEAN					19810	1928
LOWEST ANNUAL MEAN					4708	1965
HIGHEST DAILY MEAN	64400	Dec 19	64400	Dec 19	279000	Aug 20 1955
LOWEST DAILY MEAN	3030	Nov 9	2840	Sep 20	1240	Oct 31 1914
ANNUAL SEVEN-DAY MINIMUM	3220	Nov 3	3100	Sep 7	1310	Oct 31 1914
MAXIMUM PEAK FLOW			80100	Dec 19	**a**329000	Aug 20 1955
MAXIMUM PEAK STAGE			16.45	Dec 19	**b**28.60	Aug 20 1955
INSTANTANEOUS LOW FLOW			2680	Sep 20	1180	Oct 31 1963
10 PERCENT EXCEEDS	24000		18000		24500	
50 PERCENT EXCEEDS	8510		5790		7890	
90 PERCENT EXCEEDS	3960		3220		3020	

a From rating curve extended above 230,000 ft^3/s, maximun flow since 1962.
b From high-water mark in gage house, current datum.



DELAWARE RIVER BASIN

01463500 DELAWARE RIVER AT TRENTON, NJ--Continued
(National Water-Quality Assessment Station)

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1944 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1963 to current year. Recorded as once daily during years 1964 to 1968, 1979.
pH: June 1968 to current year. Recorded as once daily during 1979.
WATER TEMPERATURE: October 1944 to current year. Recorded as once daily during years 1945 to 1953, 1962, 1964, 1979.
DISSOLVED OXYGEN: October 1962 to current year. Recorded as once daily during 1979.
SUSPENDED-SEDIMENT DISCHARGE: September 1949 to September 1981.
TURBIDITY: November 1999 to September 2000.

INSTRUMENTATION.--
TEMPERATURE MONITOR (graphic recorder at gage house, in situ system): October 1953 to September 1961.
TEMPERATURE / DISSOLVED-OXYGEN MONITOR: October 1962 to September 1965: graphic recorder; only dissolved-oxygen concentration recorded during water year 1964. October 1965 to May 1968: digital recorder.
WATER-QUALITY MONITOR (continuous pumping system, measurements recorded hourly): June 1968 to August 1975: water withdrawn from raw-water intake within Trenton Water Filtration Plant, Trenton, NJ. November 1975 to November 1978: water withdrawn from river through PVC pipe to gage house outside Trenton Water Filtration Plant, Trenton, NJ. December 1979 to September 1986: water withdrawn from raw-water intake within Trenton Water Filtration Plant, Trenton, NJ.
WATER-QUALITY MONITOR (in situ system, measurements recorded hourly): October 1986 to September 1995: probes located inside raw-water intake of Trenton Water Filtration Plant, Trenton, NJ. October 1995 to current year: monitor suspended within stilling well of Morrisville Water Filtration Plant, Morrisville, Pa., 1600 feet upstream from the gage house.

REMARKS.--Replicate nutrient samples on Dec. 19 at 0931, Mar. 14 at 1121, June 4 at 1111, and Sep. 10 at 1201 were collected to fulfill the requirements of the Ambient Stream Monitoring Program. For definition of the type of quality-control data listed under SAMPLE TYPE refer to "Quality-Control Data" in the "Introduction." Unpublished records of suspended-sediment discharge for the period Oct. 1, 1981, to Mar. 31, 1982, are available at the U.S. Geological Survey Office in West Trenton, NJ. Beginning October, 1999, pH daily value tables reported maximum, minimum and median values. Continuous turbidity-record values less than 2 were below the instrument detection level. Missing continuous water-quality records are the result of instrument malfunction or interruption of flow through the filtration plant. The calibration of water-quality sensors is verified by regular inspections. Cleaning or recalibration is needed occasionally as a result of sensor fouling or drift. When a sensor is reclaibrated, the continuous-record water-quality data for the period between inspections are adjusted to account for the difference between the sensor's response and a known value. The adjustment may be constant over the period or may be prorated. Continuous-record water-quality data for periods for which the defference between the sensor's response and a known value does not exceed recalibration criteria are considered to be reliable and are not adjusted. Recalibration criteria are listed in the "Introduction" (see section "Explanation of the Records, On-Site Measurements and Sample Collection"). Data from the following periods were adjusted: DISSOLVED OXYGEN: Oct. 3 to Dec. 14, Feb. 15 to Feb. 23, Apr. 17 to May 15, May 18 to June 1, June 14 to July 2, Aug. 1 to Sep. 13. pH: Aug. 1 to Aug. 10. TURBIDITY: Jan. 2 to Jan. 16, Mar. 22 to Apr. 3, Apr. 17 to May 1, May 18 to June 1.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 468 microsiemens, Jan. 11, 1999; minimum, 63 microsiemens, July 7, 1984.
pH: Maximum, 10.3, Aug. 9, 10, 1983; minimum, 5.3, June 22, 1972.
WATER TEMPERATURE: Maximum, 34.0°C, June 18, 1957; minimum, 0.0°C, on many days during winters.
DISSOLVED OXYGEN: Maximum, 20.0 mg/L, Feb. 11, 1989; minimum, 4.0 mg/L, Nov. 9, 1972, Sept. 9, 1995.
TURBIDITY: Maximum, 1,300 ntu, Apr. 11, 2001; minimum, <2.0 ntu, on many days in water years 2000-2001

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 305 microsiemens, Dec. 17; minimum, 93 microsiemens, Dec. 19.
pH: Maximum, 9.2, May 1; minimum, 6.3, Dec. 19.
WATER TEMPERATURE: Maximum, 32.0°C, Aug. 9; minimum, 0.0°C, several days during winter.
DISSOLVED OXYGEN: Maximum, 17.5 mg/L, Mar. 12; minimum, 6.1 mg/L, Aug. 11.
TURBIDITY: Maximum, 1,300 ntu, Apr. 11; minimum, <2.0 ntu, many days.

COOPERATION.--Samples were collected as part of the Delaware River Basin National Water-Quality Assessment Program (NAWQA) with cooperation from the Delaware River Basin Commission. Determination of dissolved ammonia, total ammonia, dissolved nitrite, BOD, fecal coliform, E. coli, enterococcus bacteria, and dissolved hexavalent chromium on Dec. 19 at 0932, Mar. 14 at 1122, June 4 at 1112, and Sept. 10 at 1202 were performed by the New Jersey Department of Health, Public Health and Environmental Laboratories.

DELAWARE RIVER BASIN

01463500 DELAWARE RIVER AT TRENTON, NJ--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	SAMPLE TYPE	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	TURBID-ITY LAB HACH 2100AN (NTU) (99872)	UV ABSORB-ANCE 254 NM, WTR FLT (UNITS /CM) (50624)	UV ABSORB-ANCE 280 NM, WTR FLT (UNITS /CM) (61726)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	OXYGEN, DIS-SOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (µS/CM) (00095)
OCT												
10...	1030	ENVIRONMENTAL	4450	2.0	--	--	--	765	96	10.3	8.2	210
NOV												
02...	1340	ENVIRONMENTAL	3160	<2.0	--	--	--	762	142	15.6	9.0	231
DEC												
19...	0930	ENVIRONMENTAL	69500	200	72	.186	.146	760	102	14.3	7.1	87
19...	*0931*	*SPLIT REPLICATE*	--	--	--	--	--	--	--	--	--	--
19...	0932	ENVIRONMENTAL	--	--	--	--	--	--	--	--	--	--
FEB												
05...	0920	ENVIRONMENTAL	7980	2.6	--	--	--	761	111	15.3	7.3	223
MAR												
14...	1120	ENVIRONMENTAL	16100	22	14	.079	.060	754	110	13.7	7.7	244
14...	*1121*	*SPLIT REPLICATE*	--	--	--	--	--	--	--	--	--	--
14...	1122	ENVIRONMENTAL	--	--	--	--	--	--	--	--	--	--
APR												
02...	1020	ENVIRONMENTAL	34500	13	--	--	--	759	103	13.3	7.1	129
30...	0900	ENVIRONMENTAL	8340	2.7	--	--	--	759	109	11.0	8.5	183
JUN												
04...	1110	ENVIRONMENTAL	14000	--	9.5	.101	.076	753	104	9.8	7.8	197
04...	*1111*	*SPLIT REPLICATE*	--	--	--	--	--	--	--	--	--	--
04...	1112	ENVIRONMENTAL	--	--	--	--	--	--	--	--	--	--
JUL												
02...	*1329*	*FIELD BLANK*	--	--	--	--	--	--	--	--	--	--
02...	1330	ENVIRONMENTAL	8290	42	--	--	--	764	108	8.9	8.2	207
02...	*1331*	*SPLIT REPLICATE*	--	--	--	--	--	--	--	--	--	--
AUG												
07...	1400	ENVIRONMENTAL	3900	9.0	--	--	--	763	126	9.5	8.2	239
SEP												
10...	1200	ENVIRONMENTAL	3220	<2.0	2.6	.043	.032	762	128	10.6	8.6	232
10...	*1201*	*SPLIT REPLICATE*	--	--	--	--	--	--	--	--	--	--
10...	1202	ENVIRONMENTAL	--	--	--	--	--	--	--	--	--	--

DATE	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	ANC UNFLTRD TIT 4.5 LAB (MG/L AS CACO3) (90410)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CAR-BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)
OCT													
10...	14.0	12.2	66	17.2	5.52	1.45	11.6	--	46	56	--	18.2	<.2
NOV													
02...	19.0	11.3	76	19.2	6.86	1.70	13.2	--	55	61	3	16.9	<.2
DEC													
19...	-0.5	1.3	25	6.76	1.86	1.79	5.2	58	--	--	--	9.2	<.2
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
FEB													
05...	2.0	2.0	65	17.1	5.45	1.31	14.4	--	40	49	--	25.3	<.2
MAR													
14...	9.0	5.4	73	19.1	6.11	1.55	17.7	46	42	51	--	30.3	<.2
14...	--	--	--	--	--	--	--	--	--	--	--	--	--
14...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR													
02...	7.5	4.4	35	9.71	2.71	.90	8.1	--	19	23	--	14.0	<.2
30...	17.5	14.7	63	16.5	5.25	1.17	10	--	42	51	--	17.9	<.2
JUN													
04...	21.5	17.4	69	18.2	5.68	1.22	11.5	47	45	55	--	18.2	E.1
04...	--	--	--	--	--	--	--	--	--	--	--	--	--
04...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
02...	--	--	--	--	--	--	--	--	--	--	--	--	--
02...	25.0	25.1	71	18.1	6.28	1.54	11.4	--	47	57	--	18.5	<.2
02...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG													
07...	35.0	30.2	80	19.9	7.49	1.70	13.5	--	55	62	2	20.7	E.1
SEP													
10...	29.5	25.0	75	18.3	7.18	1.74	13.1	56	53	52	6	20.5	<.2
10...	--	--	--	--	--	--	--	--	--	--	--	--	--
10...	--	--	--	--	--	--	--	--	--	--	--	--	--

DELAWARE RIVER BASIN

01463500 DELAWARE RIVER AT TRENTON, NJ--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO-GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN DIS-SOLVED (MG/L AS N) (00602)	NITRO-GEN, TOTAL (MG/L AS N) (00600)	NITRO-GEN,PAR TICULTE WAT FLT SUSP (MG/L AS N) (49570)
OCT													
10...	2.1	16.6	108	103	<.041	.20	--	.24	.748	E.005	.95	.99	--
NOV													
02...	.6	19.8	125	115	<.041	.19	--	.27	.745	.006	.93	1.0	--
DEC													
19...	3.0	8.8	63	49	.047	.33	--	.95	.753	E.003	1.1	1.7	1.2
19...	--	--	--	--	--	*.33*	--	--	*.721*	--	*1.0*	--	--
19...	--	--	--	--	.070	--	.08	--	--	<.003	--	--	--
FEB													
05...	4.5	16.5	133	115	<.041	.16	--	.17	1.30	E.005	1.5	1.5	--
MAR													
14...	3.7	18.4	147	128	<.041	.23	--	.54	1.35	.009	1.6	1.9	.250
14...	--	--	--	--	--	*.22*	--	--	*1.38*	--	*1.6*	--	--
14...	--	--	--	--	.030	--	.05	--	--	.007	--	--	--
APR													
02...	3.6	10.7	77	64	E.030	.16	--	.56	.748	E.004	.90	1.3	.184
30...	1.2	14.3	120	94	<.041	.17	--	.26	.561	.010	.73	.83	.130
JUN													
04...	4.9	14.8	116	106	<.040	.18	--	.40	.971	.007	1.2	1.4	.240
04...	--	--	--	--	--	*.18*	--	--	*.940*	--	*1.1*	--	--
04...	--	--	--	--	<.030	--	<.03	--	--	.004	--	--	--
JUL													
02...	--	--	--	--	--	--	--	--	--	--	--	--	*<.022*
02...	4.1	16.8	120	109	.045	.18	--	.48	.865	.021	1.0	1.4	.215
02...	--	--	--	--	--	--	--	--	--	--	--	--	*.230*
AUG													
07...	3.4	21.3	127	125	E.028	.20	--	.39	.929	.009	1.1	1.3	.144
SEP													
10...	1.0	20.3	124	117	<.040	.22	--	.27	.738	.009	.96	1.0	.067
10...	--	--	--	--	--	*.23*	--	--	*.794*	--	*1.0*	--	--
10...	--	--	--	--	<.030	--	<.03	--	--	.005	--	--	--

DATE	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)	CARBON, INOR-GANIC, PARTIC. TOTAL (MG/L AS C) (00688)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTIC-ULATE TOTAL (MG/L AS C) (00689)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L) (00310)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L) (00340)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	SEDI-MENT, SUS-PENDED (MG/L) (80154)
OCT											
10...	.062	.048	.083	--	--	2.3	.4	--	--	47	4
NOV											
02...	.050	.037	.066	--	--	2.5	<.2	--	--	--	<1
DEC											
19...	.034	.018	.266	12	.4	4.8	12	--	43	39200	209
19...	*.033*	--	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	4.0	--	--	--
FEB											
05...	.031	.021	.043	--	--	2.1	--	--	--	1420	66
MAR											
14...	.022	E.016	.099	1.7	<.1	2.6	1.6	--	13	982	23
14...	*.024*	--	--	--	--	--	--	--	--	--	--
14...	--	--	--	--	--	--	--	2.6	--	--	--
APR											
02...	.012	<.018	.078	1.3	<.1	2.7	1.3	--	--	2490	27
30...	.019	<.018	.031	.6	<.1	2.1	.6	--	--	47	2
JUN											
04...	.046	.039	.086	1.4	<.1	3.0	1.4	--	17	643	17
04...	*.046*	--	--	--	--	--	--	--	--	--	--
04...	--	--	--	--	--	--	--	2.8	--	--	--
JUL											
02...	--	--	--	*.2*	*<.1*	*.49*	*.2*	--	--	--	--
02...	.059	.028	.126	2.0	<.1	4.3	1.9	--	--	611	27
02...	--	--	--	*2.0*	*<.1*	*3.8*	*2.0*	--	--	--	--
AUG											
07...	.084	.067	.109	1.1	<.1	2.4	1.1	--	--	126	12
SEP											
10...	.060	.044	.069	.4	<.1	2.1	.4	--	<10	12	1
10...	*.059*	--	--	--	--	--	--	--	--	--	--
10...	--	--	--	--	--	--	--	<1.0	--	--	--

DELAWARE RIVER BASIN

01463500 DELAWARE RIVER AT TRENTON, NJ--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	ARSENIC TOTAL (µG/L AS AS) (01002)	BARIUM, TOTAL RECOV-ERABLE (µG/L AS BA) (01007)	BERYL-LIUM, TOTAL RECOV-ERABLE (µG/L AS BE) (01012)	BORON, DIS-SOLVED (µG/L AS B) (01020)	BORON, TOTAL RECOV-ERABLE (µG/L AS B) (01022)	CADMIUM WATER UNFLTRD TOTAL (µG/L AS CD) (01027)	CHRO-MIUM, DIS-SOLVED (µG/L AS CR) (01030)	CHRO-MIUM, HEXA-VALENT, DIS. (µG/L AS CR) (01032)	CHRO-MIUM, TOTAL RECOV-ERABLE (µG/L AS CR) (01034)	COPPER, DIS-SOLVED (µG/L AS CU) (01040)	COPPER, TOTAL RECOV-ERABLE (µG/L AS CU) (01042)	IRON, DIS-SOLVED (µG/L AS FE) (01046)
OCT													
10...	1030	--	--	--	15	--	--	--	--	--	--	--	20
NOV													
02...	1340	--	--	--	20	--	--	--	--	--	--	--	20
DEC													
19...	0930	E2	67.6	.26	E8	8	.30	<.8	--	2	1.3	6.3	60
19...	0932	--	--	--	--	--	--	--	<5	--	--	--	--
FEB													
05...	0920	--	--	--	15	--	--	--	--	--	--	--	40
MAR													
14...	1120	<2	27.9	E.05	13	16	.10	<.8	--	M	1.5	2.2	30
14...	1122	--	--	--	--	--	--	--	<5	--	--	--	--
APR													
02...	1020	--	--	--	16	--	--	--	--	--	--	--	30
30...	0900	--	--	--	14	--	--	--	--	--	--	--	30
JUN													
04...	1110	<2	26.2	E.05	E12	13	.09	<.8	--	<1	1.3	2.0	40
04...	1112	--	--	--	--	--	--	--	<5	--	--	--	--
JUL													
02...	1330	--	--	--	17	--	--	--	--	--	--	--	30
AUG													
07...	1400	--	--	--	22	--	--	--	--	--	--	--	10
SEP													
10...	1200	<2	24.4	<.06	22	21	E.03	<.8	--	<1	1.6	1.8	10
10...	1202	--	--	--	--	--	--	--	<5	--	--	--	--

DATE	IRON, TOTAL RECOV-ERABLE (µG/L AS FE) (01045)	LEAD, DIS-SOLVED (µG/L AS PB) (01049)	LEAD, TOTAL RECOV-ERABLE (µG/L AS PB) (01051)	MANGA-NESE, DIS-SOLVED (µG/L AS MN) (01056)	MANGA-NESE, TOTAL RECOV-ERABLE (µG/L AS MN) (01055)	MERCURY DIS-SOLVED (µG/L AS HG) (71890)	MERCURY TOTAL RECOV-ERABLE (µG/L AS HG) (71900)	NICKEL, DIS-SOLVED (µG/L AS NI) (01065)	NICKEL, TOTAL RECOV-ERABLE (µG/L AS NI) (01067)	SELE-NIUM, TOTAL (µG/L AS SE) (01147)	SILVER, TOTAL RECOV-ERABLE (µG/L AS AG) (01077)	ZINC, DIS-SOLVED (µG/L AS ZN) (01090)	ZINC, TOTAL RECOV-ERABLE (µG/L AS ZN) (01092)
OCT													
10...	--	--	--	6.6	--	--	--	--	--	--	--	--	--
NOV													
02...	--	--	--	5.7	--	--	--	--	--	--	--	--	--
DEC													
19...	3770	.20	10	10.0	634	<.23	<.14	.69	5	<.4	.06	6	56
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
FEB													
05...	--	--	--	15.7	--	--	--	--	--	--	--	--	--
MAR													
14...	460	.21	2	21.7	56	<.23	<.14	.76	2	<.4	E.03	10	28
14...	--	--	--	--	--	--	--	--	--	--	--	--	--
APR													
02...	--	--	--	12.1	--	--	--	--	--	--	--	--	--
30...	--	--	--	10.2	--	--	--	--	--	--	--	--	--
JUN													
04...	400	.15	2	4.3	60	<.01	<.01	.66	1	<.4	E.04	5	14
04...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
02...	--	--	--	3.9	--	--	--	--	--	--	--	--	--
AUG													
07...	--	--	--	8.5	--	--	--	--	--	--	--	--	--
SEP													
10...	60	.15	<1	5.5	18	<.01	<.01	.47	1	.5	<.05	2	3
10...	--	--	--	--	--	--	--	--	--	--	--	--	--

DELAWARE RIVER BASIN

01463500 DELAWARE RIVER AT TRENTON, NJ--Continued

WATER-COLUMN VOLATILE ORGANIC COMPOUND ANALYSES

REMARKS.--The sample collected on Oct. 10 was analyzed for volatile organic compounds (VOCs) with laboratory schedule 2020 (listed in its entirety, with laboratory reporting levels, on pages 424-425). Only VOCs identified by the analysis in one or more samples from this and other stations are listed for that date in the following table. Samples collected on Dec. 19, Mar. 14, June 4, and Sep. 10 were analyzed for VOCs with laboratory schedule 1307. All compounds in schedule 1307 are listed in the following table.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	1,1,1-TRICHLOROETHANE TOTAL (µG/L) (34506)	1,1-DICHLOROETHANE TOTAL (µG/L) (34496)	1,1-DICHLOROETHYLENE TOTAL (µG/L) (34501)	1,2-DICHLOROETHANE TOTAL (µG/L) (32103)	1,2-DICHLOROPROPANE TOTAL (µG/L) (34541)	TRANS-1,2-DICHLOROETHENE TOTAL (µG/L) (34546)	ACETONE WATER WHOLE TOTAL (µG/L) (81552)	BENZENE 1,3-DICHLOROWATER UNFLTRD REC (µG/L) (34566)	BENZENE 1,4-DICHLOROWATER UNFLTRD REC (µG/L) (34571)	BENZENE O-DICHLOROWATER UNFLTRD REC (µG/L) (34536)	BENZENE TOTAL (µG/L) (34030)	BROMOFORM TOTAL (µG/L) (32104)
OCT													
10...	1030	<.03	<.04	<.04	<.1	<.03	<.03	E6	<.03	<.05	<.03	<.04	<.06
DEC													
19...	0930	<.10	<.10	<.10	<.2	<.10	<.10	--	<.10	<.10	<.10	<.10	<.20
MAR													
14...	1120	<.10	<.10	<.10	<.2	<.10	<.10	--	<.10	<.10	<.10	<.10	<.20
JUN													
04...	1110	<.10	<.10	<.10	<.2	<.10	<.10	--	<.10	<.10	<.10	<.10	<.20
SEP													
10...	1200	<.10	<.10	<.10	<.2	<.10	<.10	--	<.10	<.10	<.10	<.10	<.20

DATE	CARBON TETRACHLORIDE TOTAL (µG/L) (32102)	CHLOROBENZENE TOTAL (µG/L) (34301)	CHLORODIBROMOMETHANE TOTAL (µG/L) (32105)	CHLOROFORM TOTAL (µG/L) (32106)	CIS-1,2-DICHLOROETHENE WATER TOTAL (µG/L) (77093)	BROMODICHLOROMETHANE TOTAL (µG/L) (32101)	DICHLORODIFLUOROMETHANE TOTAL (µG/L) (34668)	DI-ISOPROPYL-ETHER, WATER, UNFLTRD RECOVER (µG/L) (81577)	ETHER ETHYL WATER UNFLTRD RECOVER (µG/L) (81576)	ETHER TERT-BUTYL ETHYL UNFLTRD RECOVER (µG/L) (50004)	ETHER TERT-PENTYL METHYL UNFLTRD RECOVER (µG/L) (50005)	ETHYLBENZENE TOTAL (µG/L) (34371)	FREON-113 WATER UNFLTRD REC (µG/L) (77652)
OCT													
10...	<.06	<.03	<.2	E.04	<.04	<.05	<.3	<.1	<.2	<.05	<.1	<.03	<.06
DEC													
19...	<.20	<.10	<.2	<.10	<.10	<.10	<.2	<.2	<.2	<.10	<.2	<.10	<.10
MAR													
14...	<.20	<.10	<.2	<.10	<.10	<.10	<.2	<.2	<.2	<.10	<.2	<.10	<.10
JUN													
04...	<.20	<.10	<.2	<.10	<.10	<.10	<.2	<.2	<.2	<.10	<.2	<.10	<.10
SEP													
10...	<.20	<.10	<.2	<.10	<.10	<.10	<.2	<.2	<.2	<.10	<.2	<.10	<.10

DATE	METHYL TERT-BUTYL ETHER WAT UNF REC (µG/L) (78032)	METHYLENE CHLORIDE TOTAL (µG/L) (34423)	META/PARA-XYLENE WATER UNFLTRD REC (µG/L) (85795)	O-XYLENE WATER WHOLE TOTAL (µG/L) (77135)	STYRENE TOTAL (µG/L) (77128)	TETRACHLOROETHYLENE TOTAL (µG/L) (34475)	TOLUENE TOTAL (µG/L) (34010)	TRICHLOROETHYLENE TOTAL (µG/L) (39180)	TRICHLOROFLUOROMETHANE TOTAL (µG/L) (34488)	VINYL CHLORIDE TOTAL (µG/L) (39175)
OCT										
10...	E.1	<.2	<.06	<.04	<.04	<.1	<.05	<.04	<.09	<.1
DEC										
19...	<.2	<.2	<.20	<.10	<.10	<.1	<.10	<.10	<.20	<.2
MAR										
14...	E.1	<.2	<.20	<.10	<.10	<.1	<.10	<.10	<.20	<.2
JUN										
04...	.3	<.2	<.20	<.10	<.10	<.1	<.10	<.10	<.20	<.2
SEP										
10...	2.7	<.2	E.14	<.10	<.10	<.1	.29	<.10	<.20	<.2

DELAWARE RIVER BASIN

01463500 DELAWARE RIVER AT TRENTON, NJ--Continued

FILTERED-WATER PESTICIDE ANALYSES

REMARKS.--Selected samples were analyzed for pesticides using laboratory schedule 2001 (listed in its entirety, with laboratory reporting levels on page 423). Only pesticides identified by the analyses in one or more samples are listed in the following table.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	SAMPLE TYPE	ACETO-CHLOR, WATER FLTRD REC (µG/L) (49260)	ALA-CHLOR, WATER, DISS, REC, (µG/L) (46342)	ALPHA BHC DIS-SOLVED (µG/L) (34253)	ATRA-ZINE, WATER, DISS, REC (µG/L) (39632)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (µG/L) (82673)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (µG/L) (82680)	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (µG/L) (82674)	CHLOR-PYRIFOS DIS-SOLVED (µG/L) (38933)	CYANA-ZINE, WATER, DISS, REC (µG/L) (04041)	DCPA WATER FLTRD 0.7 U GF, REC (µG/L) (82682)
OCT												
10...	1030	ENVIRONMENTAL	<.004	<.002	<.005	.020	<.010	E.006	<.020	<.005	<.018	<.003
FEB												
05...	0920	ENVIRONMENTAL	<.004	<.002	<.005	.020	<.010	<.041	<.020	<.005	<.018	<.003
APR												
02...	1020	ENVIRONMENTAL	<.004	<.002	<.005	E.006	<.010	<.041	<.020	<.005	<.018	<.003
30...	0900	ENVIRONMENTAL	<.004	<.002	<.005	.018	<.010	<.041	<.020	<.005	<.018	<.003
JUN												
04...	1110	ENVIRONMENTAL	.012	<.002	<.005	.120	<.010	E.002	<.020	<.005	<.018	<.003
JUL												
02...	*1329*	*FIELD BLANK*	*<.004*	*<.002*	*<.005*	*<.007*	*<.010*	*<.041*	*<.020*	*<.005*	*<.018*	*<.003*
02...	1330	ENVIRONMENTAL	.016	<.002	<.005	.426	<.010	E.005	<.020	E.002	.028	<.003
02...	*1331*	*SPLIT REPLICATE*	*.012*	*<.002*	*<.005*	*.302*	*<.010*	*E.002*	*<.020*	*<.005*	*.028*	*<.003*
AUG												
07...	1400	ENVIRONMENTAL	<.004	<.002	<.005	.046	<.010	<.041	<.020	<.005	<.018	<.003
SEP												
10...	1200	ENVIRONMENTAL	<.004	<.002	<.005	.027	<.010	<.041	<.020	<.005	<.018	<.003

DATE	DEETHYL ATRA-ZINE, WATER, DISS, REC (µG/L) (04040)	DI-AZINON, DIS-SOLVED (µG/L) (39572)	DI-ELDRIN DIS-SOLVED (µG/L) (39381)	EPTC WATER FLTRD 0.7 U GF, REC (µG/L) (82668)	LINDANE DIS-SOLVED (µG/L) (39341)	LIN-URON WATER FLTRD 0.7 U GF, REC (µG/L) (82666)	MALA-THION, DIS-SOLVED (µG/L) (39532)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (µG/L) (82686)	METO-LACHLOR WATER DISSOLV (µG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (µG/L) (82630)	MOL-INATE WATER FLTRD 0.7 U GF, REC (µG/L) (82671)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (µG/L) (82684)	P,P' DDE DISSOLV (µG/L) (34653)
OCT													
10...	E.024	<.005	<.005	<.002	<.004	<.035	<.027	<.050	E.004	<.006	<.002	<.007	<.003
FEB													
05...	E.019	<.005	<.005	<.002	<.004	<.035	<.027	<.050	E.005	<.006	<.002	<.007	<.003
APR													
02...	E.006	<.005	<.005	<.002	<.004	<.035	<.027	<.050	E.002	<.006	<.002	<.007	<.003
30...	E.017	<.005	<.005	<.002	<.004	<.035	<.027	<.050	E.008	<.006	<.002	<.007	<.003
JUN													
04...	E.023	<.005	<.005	<.002	<.004	<.035	<.027	<.050	.051	<.006	<.002	<.007	<.003
JUL													
02...	*<.006*	*<.005*	*<.005*	*<.002*	*<.004*	*<.035*	*<.027*	*<.050*	*<.013*	*<.006*	*<.002*	*<.007*	*<.003*
02...	<.006	E.005	<.005	<.002	<.004	<.035	<.027	<.050	.156	<.006	<.002	<.007	<.003
02...	*E.053*	*E.004*	*<.005*	*<.002*	*<.004*	*<.035*	*<.027*	*<.050*	*.108*	*<.006*	*<.002*	*<.007*	*<.003*
AUG													
07...	E.023	<.005	<.005	<.002	<.004	<.035	<.027	<.050	.018	<.006	<.002	<.007	<.003
SEP													
10...	E.025	<.005	<.005	<.002	<.004	<.035	<.027	<.050	E.008	<.006	<.002	<.007	<.003

DATE	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (µG/L) (82683)	PRO-METON, WATER, DISS, REC (µG/L) (04037)	SI-MAZINE, WATER, DISS, REC (µG/L) (04035)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (µG/L) (82670)	TER-BACIL WATER FLTRD 0.7 U GF, REC (µG/L) (82665)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (µG/L) (82681)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (µG/L) (82661)
OCT							
10...	<.010	<.015	E.004	<.016	<.034	<.005	<.009
FEB							
05...	<.010	<.015	<.011	<.016	<.034	<.005	<.009
APR							
02...	<.010	<.015	<.011	<.016	<.034	<.005	<.009
30...	<.010	<.015	<.011	<.016	<.034	<.005	<.009
JUN							
04...	<.010	<.015	.028	E.005	<.034	<.005	<.009
JUL							
02...	*<.010*	*<.015*	*<.011*	*<.016*	*<.034*	*<.005*	*<.009*
02...	E.006	E.018	.054	<.016	<.034	<.005	<.009
02...	*<.010*	*E.010*	*.040*	*<.016*	*<.034*	*<.005*	*<.009*
AUG							
07...	<.010	E.012	.014	<.016	<.034	<.005	<.009
SEP							
10...	<.010	<.015	E.007	<.016	<.034	<.005	<.009

DELAWARE RIVER BASIN

01463500 DELAWARE RIVER AT TRENTON, NJ--Continued

WHOLE-WATER PESTICIDE ANALYSES

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	ALDRIN, TOTAL (µG/L) (39330)	ALPHA BHC TOTAL (µG/L) (39337)	AROCLOR 1016/ 1242 PCB WATER UNFLTRD (µG/L) (81648)	AROCLOR 1221 PCB TOTAL (µG/L) (39488)	AROCLOR 1232 PCB TOTAL (µG/L) (39492)	AROCLOR 1248 PCB TOTAL (µG/L) (39500)	AROCLOR 1254 PCB TOTAL (µG/L) (39504)	AROCLOR 1260 PCB TOTAL (µG/L) (39508)	BETA BENZENE HEXA-CHLOR-IDE TOTAL (µG/L) (39338)	CHLOR-DANE CIS WATER WHOLE TOTAL (µG/L) (39062)	CHLOR-DANE, TECH-NICAL TOTAL (µG/L) (39350)	CHLOR-DANE TRANS WATER WHOLE TOTAL (µG/L) (39065)
DEC													
19...	0930	<.040	<.03	<.10	<1	<.1	<.1	<.1	<.1	<.03	<.1	<.1	<.1
SEP													
10...	1200	<.040	<.03	<.10	<1	<.1	<.1	<.1	<.1	<.03	<.1	<.1	<.1

DATE	DELTA BENZENE HEXA-CHLOR-IDE TOTAL (µG/L) (34259)	DI-ELDRIN TOTAL (µG/L) (39380)	ENDO-SULFAN-I WATER WHOLE REC (µG/L) (34361)	ENDO-SULFAN II TOTAL (µG/L) (34356)	ENDO-SULFAN SULFATE TOTAL (µG/L) (34351)	ENDRIN ALDE-HYDE TOTAL (µG/L) (34366)	ENDRIN WATER UNFLTRD REC (µG/L) (39390)	HEPTA-CHLOR EPOXIDE TOTAL (µG/L) (39420)	HEPTA-CHLOR, TOTAL (µG/L) (39410)	LINDANE TOTAL (µG/L) (39340)	P,P' DDD, TOTAL (µG/L) (39310)	P,P' DDE, TOTAL (µG/L) (39320)	P,P' DDT, TOTAL (µG/L) (39300)
DEC													
19...	<.09	<.020	<.1	<.04	<.6	<.2	<.060	<.800	<.030	<.030	<.1	<.04	<.1
SEP													
10...	<.09	<.020	<.1	<.04	<.6	<.2	<.060	<.800	<.030	<.030	<.1	<.04	<.1

DATE	TOX-APHENE, TOTAL (µG/L) (39400)
DEC	
19...	<2
SEP	
10...	<2

WATER-COLUMN BACTERIA ANALYSES

REMARKS.--Samples collected throughout the year and synoptically during the summer months.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	COLI-FORM, FECAL, EC BROTH (MPN) (31615)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	ENTERO-COCCI, ME MF, WATER (COL/ 100 ML) (31649)	DATE	TIME	COLI-FORM, FECAL, EC BROTH (MPN) (31615)	E COLI, MTEC MF WATER (COL/ 100 ML) (31633)	ENTERO-COCCI, ME MF, WATER (COL/ 100 ML) (31649)
DEC					JUN				
19...	0932	490	--	2300	04...	1112	790	--	60
MAR					05...	1047	330	100	50
14...	1122	110	--	60	11...	1050	140	100	10
MAY					SEP				
23...	1100	2400	1500	2000	10...	1202	50	<100	<10
30...	1107	170	300	150					

DELAWARE RIVER BASIN

01463500 DELAWARE RIVER AT TRENTON, NJ--Continued

SPECIFIC CONDUCTANCE, MICROSIEMENS PER CENTIMETER AT 25° CELSIUS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			**NOVEMBER**			**DECEMBER**			**JANUARY**	
1	220	214	217	225	220	222	192	189	190	191	163	177
2	220	214	217	227	223	225	194	188	191	193	183	189
3	221	217	219	226	223	224	195	188	191	194	180	189
4	224	221	223	231	225	228	198	190	195	190	184	186
5	230	223	228	233	228	230	200	197	198	200	181	193
6	239	228	232	234	227	230	211	199	204	200	194	197
7	243	238	241	233	229	231	218	209	215	199	192	195
8	242	231	238	234	227	231	223	218	221	---	---	---
9	231	200	216	234	228	231	227	221	223	200	196	198
10	202	197	199	242	234	237	231	224	227	201	197	199
11	210	201	205	255	242	248	232	225	229	206	199	203
12	219	210	215	263	247	257	233	227	230	210	205	207
13	---	---	---	247	204	231	234	229	232	212	207	209
14	237	228	232	204	177	184	235	226	231	215	210	213
15	240	236	238	183	178	180	267	225	234	213	210	212
16	242	239	240	201	182	191	294	259	271	214	211	212
17	242	239	240	204	199	202	305	142	249	217	214	215
18	241	238	239	199	186	190	206	107	155	232	216	224
19	243	240	241	190	184	186	107	93	99	230	219	225
20	257	239	247	193	189	190	111	99	106	229	219	223
21	240	162	195	195	190	192	123	111	118	259	224	240
22	162	158	160	200	195	198	129	120	124	267	259	263
23	182	161	172	205	200	202	137	124	132	272	260	268
24	183	176	179	208	204	206	140	137	139	269	260	266
25	179	172	175	211	207	209	153	139	148	273	267	270
26	190	179	184	212	205	208	157	149	153	272	262	269
27	204	190	197	226	210	217	163	153	159	262	256	260
28	209	203	206	248	226	239	169	151	159	256	250	252
29	213	208	211	233	204	215	---	---	---	253	248	251
30	219	211	214	206	191	196	173	154	169	250	239	245
31	221	218	220	---	---	---	174	163	172	249	235	240
MONTH	257	158	215	263	177	214	305	93	185	273	163	223

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			**MARCH**			**APRIL**			**MAY**	
1	273	249	259	229	219	223	147	124	132	197	189	193
2	272	249	258	222	218	220	132	124	128	199	196	198
3	249	232	239	227	219	222	139	132	135	201	197	199
4	232	222	226	224	221	223	140	136	138	207	201	203
5	224	218	220	229	221	224	142	140	141	209	205	207
6	234	223	228	---	---	---	142	137	140	212	207	210
7	257	233	240	255	244	249	138	134	136	218	211	216
8	263	255	260	252	239	245	134	129	131	246	218	225
9	262	241	249	250	239	243	129	120	126	246	225	229
10	247	209	236	243	236	240	120	114	116	236	231	233
11	239	209	223	249	240	245	118	97	105	242	236	240
12	254	238	246	244	241	242	102	96	99	247	242	245
13	240	226	229	244	230	238	115	100	105	256	247	250
14	226	219	222	254	230	243	111	107	109	257	252	254
15	222	217	219	244	230	238	113	108	109	256	252	253
16	222	217	219	234	220	228	120	111	115	257	251	253
17	219	212	216	224	219	221	129	120	126	259	252	255
18	213	210	211	226	216	221	135	127	129	266	259	262
19	213	208	210	220	212	215	138	135	136	270	266	268
20	217	210	213	215	208	212	143	136	139	272	267	270
21	217	213	215	215	202	209	150	140	144	270	262	266
22	220	213	216	203	193	198	155	148	151	262	246	252
23	219	211	214	200	174	190	164	154	160	250	243	247
24	220	209	213	175	152	159	164	162	163	249	229	235
25	233	213	222	158	147	150	166	162	164	235	227	231
26	233	221	228	150	147	148	169	163	166	229	215	223
27	247	231	241	153	148	150	176	168	172	228	203	216
28	241	225	233	158	152	153	184	173	178	213	204	208
29	---	---	---	166	157	161	182	177	179	213	197	204
30	---	---	---	166	155	160	189	180	184	197	193	195
31	---	---	---	175	147	166	---	---	---	195	190	192
MONTH	273	208	229	255	147	208	189	96	139	272	189	230

DELAWARE RIVER BASIN

01463500 DELAWARE RIVER AT TRENTON, NJ--Continued

SPECIFIC CONDUCTANCE, MICROSIEMENS PER CENTIMETER AT 25° CELSIUS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			**JULY**			**AUGUST**			**SEPTEMBER**	
1	200	193	195	229	213	221	253	245	248	248	244	246
2	196	186	192	221	210	215	259	253	255	245	241	243
3	211	194	204	239	215	229	265	259	262	249	243	247
4	201	176	193	230	216	223	266	253	263	249	241	245
5	176	161	168	232	222	228	255	242	249	241	229	235
6	166	160	162	233	223	228	278	239	262	229	224	225
7	170	162	166	240	229	233	271	236	248	227	224	225
8	177	169	174	247	239	245	237	229	233	236	227	232
9	185	176	181	247	240	243	238	230	233	241	235	237
10	194	185	191	244	240	242	239	232	236	238	224	231
11	206	194	201	245	238	241	237	174	223	229	219	223
12	214	204	206	248	239	245	247	217	233	226	220	224
13	213	205	207	246	236	241	254	199	221	231	226	229
14	219	207	214	247	239	243	231	201	218	231	223	227
15	219	207	212	243	231	239	210	198	204	234	227	231
16	213	207	210	250	235	243	222	208	214	252	234	246
17	212	135	179	253	242	248	239	222	229	251	239	245
18	221	184	206	244	239	242	245	234	240	240	228	234
19	184	160	169	252	242	245	252	243	247	237	233	236
20	171	161	166	261	252	255	250	242	246	238	231	235
21	181	166	172	259	254	257	246	242	244	232	220	226
22	188	180	183	269	256	260	243	240	241	264	225	246
23	202	182	188	---	---	---	249	242	246	238	198	212
24	187	177	181	258	254	256	---	---	---	201	196	198
25	196	187	193	261	255	259	255	252	253	204	199	202
26	204	196	199	261	251	259	256	251	254	252	203	228
27	213	204	207	258	243	251	252	247	250	222	183	196
28	216	208	213	261	252	258	250	244	246	191	182	185
29	222	216	220	253	244	248	246	244	245	191	186	188
30	229	215	223	247	241	244	250	245	248	195	187	190
31	---	---	---	246	241	244	251	246	248	---	---	---
MONTH	229	135	192	269	210	243	278	174	241	264	182	226
YEAR	305	93	212									

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		OCTOBER			**NOVEMBER**			**DECEMBER**			**JANUARY**	
1	8.3	7.6	7.9	8.7	8.1	8.5	8.4	7.5	8.0	7.1	7.1	7.1
2	8.3	7.7	7.9	8.8	8.2	8.5	8.4	7.5	8.0	7.2	7.1	7.1
3	8.4	7.7	8.0	8.8	8.3	8.6	8.4	7.6	8.1	7.2	7.1	7.1
4	8.5	7.8	8.0	8.8	8.3	8.6	8.4	7.5	8.1	7.2	7.1	7.1
5	8.1	7.7	7.9	8.7	8.2	8.5	8.4	7.5	8.1	7.2	7.1	7.1
6	8.2	7.6	7.8	8.7	8.1	8.5	8.4	7.6	8.2	7.2	7.1	7.2
7	8.3	7.7	8.0	8.7	8.2	8.5	8.4	7.7	8.2	7.2	7.1	7.2
8	8.2	7.8	8.0	8.7	8.3	8.6	8.3	7.7	8.1	---	---	---
9	8.2	7.8	8.0	8.6	8.2	8.5	8.4	7.6	8.2	7.2	7.2	7.2
10	8.3	7.6	8.0	8.5	7.9	8.3	8.5	7.8	8.2	7.3	7.2	7.2
11	8.4	7.7	8.1	8.4	7.6	8.1	8.4	7.7	8.2	7.2	7.2	7.2
12	8.5	7.8	8.2	8.3	7.7	8.0	8.5	7.7	8.3	7.3	7.2	7.2
13	---	---	---	8.0	7.5	7.7	8.5	7.8	8.3	7.3	7.2	7.2
14	8.7	8.1	8.4	7.5	7.2	7.4	8.5	7.7	8.2	7.3	7.2	7.2
15	8.7	8.2	8.4	8.1	7.1	7.7	8.3	7.5	7.9	7.3	7.2	7.3
16	8.4	8.1	8.3	8.2	7.4	7.8	7.8	7.3	7.5	7.3	7.2	7.3
17	8.1	7.8	7.9	8.2	7.5	7.8	7.3	6.8	7.2	7.4	7.3	7.3
18	8.0	7.7	7.8	8.3	7.5	7.9	7.1	6.5	6.9	7.4	7.3	7.3
19	8.6	7.7	8.2	8.2	7.5	7.9	6.5	6.3	6.4	7.4	7.3	7.3
20	8.3	7.7	8.1	8.4	7.6	8.1	6.6	6.5	6.6	7.3	7.2	7.2
21	7.7	7.4	7.5	8.5	7.7	8.2	6.6	6.6	6.6	7.4	7.2	7.3
22	7.9	7.3	7.5	8.5	7.8	8.2	6.7	6.6	6.7	7.4	7.3	7.4
23	7.9	7.3	7.5	8.5	7.8	8.2	6.8	6.7	6.7	7.4	7.3	7.4
24	8.0	7.4	7.7	8.5	7.8	8.2	6.8	6.8	6.8	7.5	7.3	7.4
25	8.2	7.4	7.8	8.4	7.8	8.2	6.9	6.8	6.8	7.5	7.4	7.4
26	8.2	7.4	7.8	8.2	7.7	8.0	6.9	6.9	6.9	7.5	7.4	7.5
27	8.2	7.4	7.8	8.1	7.3	7.7	7.0	6.9	6.9	7.6	7.4	7.5
28	8.5	7.5	8.1	8.4	7.6	8.0	7.0	6.9	7.0	7.6	7.4	7.5
29	8.6	7.7	8.2	8.4	7.7	8.1	---	---	---	7.6	7.4	7.5
30	8.6	7.8	8.2	8.3	7.7	8.0	7.1	7.0	7.0	7.5	7.4	7.4
31	8.6	7.9	8.3	---	---	---	7.1	7.0	7.1	7.4	7.3	7.3
MAX	8.7	8.2	8.4	8.8	8.3	8.6	8.5	7.8	8.3	7.6	7.4	7.5
MIN	7.7	7.3	7.5	7.5	7.1	7.4	6.5	6.3	6.4	7.1	7.1	7.1

DELAWARE RIVER BASIN

01463500 DELAWARE RIVER AT TRENTON, NJ--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		FEBRUARY			**MARCH**			**APRIL**			**MAY**	
1	7.5	7.3	7.4	8.2	7.4	7.9	6.8	6.6	6.7	9.2	8.6	8.9
2	7.5	7.4	7.4	8.2	7.6	8.0	6.8	6.6	6.7	9.1	8.7	8.9
3	7.5	7.3	7.4	8.3	7.6	8.0	7.1	6.7	7.0	9.1	8.5	8.8
4	7.6	7.4	7.4	8.0	7.5	7.8	7.2	7.0	7.1	8.9	8.4	8.7
5	7.4	7.2	7.3	7.8	7.3	7.5	7.3	7.1	7.2	8.7	8.0	8.4
6	7.5	7.2	7.3	---	---	---	7.2	7.1	7.1	8.5	7.3	8.1
7	7.7	7.4	7.4	8.5	7.9	8.2	7.1	7.0	7.1	8.4	7.4	7.9
8	7.6	7.4	7.5	8.5	8.0	8.3	7.1	6.9	7.0	8.0	7.3	7.5
9	7.8	7.4	7.5	8.5	7.9	8.3	7.1	6.9	7.0	7.6	7.2	7.4
10	7.6	7.2	7.5	8.6	7.9	8.3	7.1	6.9	7.0	7.6	7.3	7.4
11	7.5	7.3	7.4	8.7	8.1	8.4	7.0	6.7	6.8	7.7	7.2	7.5
12	7.7	7.4	7.5	8.7	8.0	8.4	6.8	6.7	6.8	8.0	7.3	7.7
13	7.6	7.4	7.5	8.4	7.1	7.8	6.9	6.8	6.8	8.2	7.4	7.7
14	7.6	7.3	7.4	7.5	7.2	7.3	7.0	6.9	6.9	8.2	7.6	7.8
15	7.7	7.3	7.4	7.6	7.1	7.4	7.1	6.9	7.0	8.3	7.6	7.9
16	7.5	7.4	7.4	8.0	7.3	7.8	7.2	7.0	7.1	8.3	7.7	8.0
17	7.6	7.3	7.4	7.8	7.2	7.4	7.2	7.1	7.2	8.0	7.6	7.8
18	7.7	7.3	7.5	8.0	7.2	7.6	7.3	7.1	7.2	7.9	7.5	7.8
19	7.8	7.4	7.5	8.2	7.3	7.9	7.4	7.1	7.2	8.1	7.6	7.8
20	7.9	7.5	7.6	8.2	7.3	7.9	7.3	7.1	7.2	8.1	7.6	7.8
21	8.1	7.5	7.7	8.2	7.2	7.4	7.4	7.1	7.3	7.9	7.7	7.7
22	7.8	7.6	7.8	7.2	7.1	7.1	7.6	7.2	7.4	7.8	7.5	7.6
23	8.1	7.4	7.6	7.2	7.0	7.1	7.9	7.3	7.6	7.6	7.4	7.5
24	8.2	7.6	7.9	7.0	6.9	6.9	8.1	7.3	7.7	7.7	7.4	7.5
25	7.9	7.3	7.6	6.9	6.8	6.9	8.1	7.3	7.7	7.6	7.5	7.5
26	7.9	7.2	7.3	7.0	6.9	6.9	8.5	7.5	7.9	7.5	7.4	7.5
27	8.1	7.3	7.7	7.1	6.9	7.0	8.6	7.7	8.3	7.4	7.3	7.4
28	8.2	7.4	7.8	7.2	6.9	7.1	8.8	7.8	8.4	7.5	7.3	7.4
29	---	---	---	7.2	6.9	7.0	8.9	8.2	8.6	7.5	7.3	7.4
30	---	---	---	7.1	7.0	7.0	9.1	8.4	8.7	7.6	7.4	7.5
31	---	---	---	7.0	6.8	7.0	---	---	---	7.7	7.4	7.6
MAX	8.2	7.6	7.9	8.7	8.1	8.4	9.1	8.4	8.7	9.2	8.7	8.9
MIN	7.4	7.2	7.3	6.9	6.8	6.9	6.8	6.6	6.7	7.4	7.2	7.4

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		JUNE			**JULY**			**AUGUST**			**SEPTEMBER**	
1	7.7	7.4	7.6	8.7	7.9	8.3	8.6	7.7	8.2	8.9	8.2	8.6
2	7.6	7.4	7.4	8.2	7.8	7.9	8.7	7.8	8.3	9.0	8.4	8.7
3	7.7	7.4	7.6	8.3	7.7	8.1	8.6	7.9	8.2	9.0	8.4	8.8
4	7.7	7.5	7.6	8.4	7.8	8.1	8.4	7.7	8.0	9.0	8.6	8.8
5	7.6	7.4	7.5	8.2	7.8	8.1	8.1	7.6	7.6	9.1	8.5	8.8
6	7.7	7.4	7.5	8.6	7.9	8.3	8.2	7.5	7.7	9.1	8.6	8.9
7	8.1	7.5	7.7	8.7	7.9	8.4	8.5	7.6	8.0	9.1	8.7	8.9
8	8.3	7.6	7.8	8.5	8.0	8.3	8.6	7.6	8.1	9.1	8.7	8.9
9	8.5	7.8	8.1	8.7	7.8	8.4	8.6	7.6	8.2	9.0	8.5	8.9
10	8.6	7.8	8.2	8.6	8.0	8.4	8.5	7.7	8.0	8.9	8.4	8.7
11	8.6	8.1	8.4	8.7	8.0	8.4	7.7	7.2	7.5	8.8	8.0	8.4
12	8.8	8.2	8.5	8.8	7.8	8.5	7.5	7.3	7.5	8.9	7.9	8.5
13	8.8	8.3	8.6	8.9	8.3	8.6	7.5	7.4	7.4	8.9	7.8	8.4
14	8.7	8.3	8.5	8.8	8.2	8.6	7.7	7.4	7.5	8.4	7.6	7.8
15	8.7	8.1	8.4	8.8	8.2	8.6	7.8	7.4	7.6	8.6	7.4	7.9
16	8.5	7.9	8.2	8.7	8.1	8.5	8.2	7.4	7.7	8.7	7.6	8.0
17	7.9	7.1	7.3	8.8	8.2	8.6	8.3	7.5	7.8	8.7	7.6	8.0
18	7.6	7.4	7.5	8.7	8.0	8.5	8.5	7.6	8.0	8.7	7.6	8.0
19	7.4	7.2	7.3	8.8	8.0	8.5	8.4	7.7	8.0	8.6	7.6	8.0
20	7.7	7.3	7.4	8.9	8.3	8.6	8.6	7.7	8.2	8.1	7.6	7.7
21	7.6	7.3	7.5	9.0	8.5	8.8	8.7	7.8	8.3	8.2	7.4	7.6
22	7.8	7.4	7.6	9.1	8.5	8.8	8.8	7.9	8.4	7.9	7.5	7.6
23	7.6	7.4	7.5	---	---	---	8.6	8.0	8.3	8.0	7.3	7.5
24	7.4	7.3	7.4	9.0	8.6	8.9	---	---	---	7.9	7.3	7.4
25	7.7	7.4	7.5	8.9	8.4	8.7	8.8	7.9	8.4	7.8	7.4	7.5
26	7.8	7.5	7.7	8.7	7.8	8.2	8.8	8.0	8.5	7.7	7.5	7.5
27	8.2	7.6	7.8	8.1	7.6	7.8	8.8	8.1	8.5	7.6	7.4	7.5
28	8.5	7.7	8.0	8.3	7.7	8.0	8.9	8.1	8.6	7.7	7.5	7.6
29	8.5	7.8	8.1	8.2	7.6	7.9	8.9	8.2	8.6	7.9	7.5	7.6
30	8.7	7.8	8.3	8.3	7.6	8.0	8.8	8.2	8.6	7.6	7.2	7.5
31	---	---	---	8.6	7.7	8.1	8.9	8.3	8.7	---	---	---
MAX	8.8	8.3	8.6	9.1	8.6	8.9	8.9	8.3	8.7	9.1	8.7	8.9
MIN	7.4	7.1	7.3	8.1	7.6	7.8	7.5	7.2	7.4	7.6	7.2	7.4

YEAR			
	MAX	MAXIMUM 9.2	MINIMUM 6.5
	MIN	MAXIMUM 8.7	MINIMUM 6.3
	MEDIAN	MAXIMUM 8.9	MINIMUM 6.4

DELAWARE RIVER BASIN

01463500 DELAWARE RIVER AT TRENTON, NJ--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			**NOVEMBER**			**DECEMBER**			**JANUARY**	
1	17.5	15.0	16.5	11.0	9.5	10.0	5.5	4.5	5.0	.5	.0	.0
2	18.0	16.0	17.0	11.0	9.5	10.5	4.5	3.0	4.0	.5	.0	.0
3	19.0	16.5	17.5	11.5	9.5	10.5	3.5	2.5	3.0	.0	.0	.0
4	19.5	17.0	18.5	12.0	10.5	11.0	3.0	2.0	2.5	.5	.0	.0
5	19.0	18.0	18.5	11.5	10.0	10.5	3.0	1.5	2.5	.0	.0	.0
6	18.5	17.5	18.0	10.5	9.0	9.5	2.5	1.5	2.0	1.0	.0	.5
7	18.0	16.5	17.0	10.0	8.5	9.5	2.0	1.0	1.5	1.5	.5	1.0
8	16.5	15.0	15.5	10.0	8.5	9.5	1.5	1.0	1.5	---	---	---
9	15.0	13.0	14.0	10.5	9.5	10.0	2.0	1.0	1.5	2.0	1.0	1.5
10	13.0	12.0	12.5	12.0	10.5	11.5	2.0	1.0	1.5	1.0	1.0	1.0
11	13.5	11.5	12.5	12.0	10.5	11.0	3.0	2.0	2.5	1.5	.5	1.0
12	14.5	12.5	13.5	11.0	10.0	10.5	4.0	3.0	3.5	1.5	.5	1.0
13	---	---	---	11.0	10.5	10.5	3.0	1.5	2.0	2.0	.5	1.5
14	15.5	13.5	14.5	10.5	9.5	10.0	3.5	2.0	2.5	1.5	1.0	1.5
15	16.0	14.0	15.0	9.5	8.5	9.0	3.0	2.5	3.0	2.5	1.5	2.0
16	15.5	15.0	15.5	8.5	8.0	8.5	3.5	2.5	2.5	3.0	2.5	2.5
17	15.5	14.5	15.0	9.0	8.0	8.5	8.5	3.5	5.5	3.0	2.0	2.5
18	14.5	14.5	14.5	8.0	7.0	7.5	7.0	2.5	5.0	2.5	2.0	2.5
19	15.0	13.5	14.5	7.0	6.0	6.5	2.5	1.5	2.0	2.5	2.5	2.5
20	15.0	13.0	14.0	6.0	5.0	5.5	2.0	1.5	2.0	2.5	2.0	2.5
21	14.5	13.5	14.0	5.5	4.0	5.0	1.5	1.5	1.5	2.0	1.0	1.5
22	14.5	13.5	14.0	4.0	3.0	3.5	1.5	.5	1.0	1.5	.5	1.0
23	13.5	12.5	13.0	3.5	2.0	3.0	.5	.0	.5	1.0	.0	.5
24	13.5	12.0	13.0	3.0	2.0	2.5	.5	.0	.0	1.5	.0	1.0
25	14.5	12.5	13.5	3.0	2.0	2.5	.0	.0	.0	2.0	.5	1.0
26	14.5	13.0	14.0	4.5	3.0	4.0	.0	.0	.0	1.5	.5	1.0
27	15.0	13.5	14.0	5.5	4.5	5.0	.5	.0	.0	2.0	1.0	1.5
28	14.5	12.5	14.0	6.0	5.0	5.5	.5	.0	.0	2.5	1.5	2.0
29	12.5	10.5	11.5	5.5	5.0	5.0	---	---	---	2.5	1.5	2.0
30	11.0	9.5	10.0	5.5	5.0	5.5	.0	.0	.0	3.0	2.0	2.5
31	10.5	9.0	10.0	---	---	---	.5	.0	.0	3.0	2.0	2.5
MONTH	19.5	9.0	14.5	12.0	2.0	7.7	8.5	.0	2.0	3.0	.0	1.3

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			**MARCH**			**APRIL**			**MAY**	
1	3.5	3.0	3.0	4.0	3.5	4.0	4.5	4.5	4.5	18.0	15.5	16.5
2	3.5	3.0	3.5	4.0	3.5	4.0	5.0	4.5	4.5	19.0	17.0	18.0
3	3.0	2.0	2.5	4.5	4.0	4.0	6.0	4.5	5.0	20.5	18.5	19.5
4	2.5	2.0	2.0	4.5	3.0	4.0	7.0	5.5	6.5	21.5	20.0	20.5
5	2.0	.5	1.5	3.0	2.5	2.5	8.0	6.5	7.0	21.5	20.5	21.0
6	2.0	.0	1.0	---	---	---	8.0	7.5	7.5	20.5	19.5	20.0
7	3.0	1.5	2.0	4.0	2.5	3.5	7.5	7.0	7.5	20.0	18.5	19.0
8	3.0	2.5	2.5	4.5	3.5	4.0	7.0	7.0	7.0	20.0	17.5	19.0
9	3.5	2.5	3.0	5.0	4.0	4.5	8.0	6.5	7.0	20.5	18.0	19.0
10	4.5	3.5	4.0	5.5	4.0	4.5	9.0	8.0	8.5	21.5	18.5	20.0
11	3.5	2.5	3.0	5.5	4.5	5.0	9.0	8.5	8.5	22.5	19.0	21.0
12	2.5	2.0	2.5	6.0	4.5	5.5	8.5	8.0	8.0	23.5	20.5	22.0
13	3.5	2.0	3.0	6.0	5.5	5.5	8.5	7.5	8.0	21.5	20.0	20.5
14	3.0	3.0	3.0	6.0	5.0	5.5	10.0	8.5	9.0	20.5	18.0	19.5
15	3.5	3.0	3.5	5.5	5.0	5.0	10.5	9.5	10.0	20.5	17.5	19.0
16	3.5	3.5	3.5	6.0	5.0	5.5	10.5	10.0	10.0	20.0	18.0	19.0
17	3.5	3.0	3.5	6.0	5.5	6.0	10.5	9.5	10.0	19.0	17.5	18.0
18	3.0	2.0	2.0	6.5	5.5	6.0	10.0	9.0	9.5	17.5	17.0	17.0
19	2.5	1.5	2.0	6.5	5.0	6.0	10.0	8.5	9.0	20.5	16.5	18.5
20	3.0	2.0	2.5	7.0	5.5	6.5	10.0	9.0	9.5	20.0	18.5	19.0
21	4.0	3.0	3.5	7.0	6.0	6.5	10.5	9.0	10.0	18.5	17.0	17.5
22	3.0	1.5	2.0	6.0	5.5	6.0	13.0	10.0	11.5	17.0	16.5	17.0
23	2.5	1.0	1.5	6.0	5.0	5.5	15.0	12.5	14.0	17.0	17.0	17.0
24	2.5	1.5	2.0	5.5	5.0	5.0	17.0	15.0	16.0	19.5	17.0	18.0
25	3.0	2.0	2.5	5.5	4.5	5.0	17.0	15.0	15.5	19.0	18.0	18.5
26	3.5	2.5	3.0	5.0	4.5	4.5	16.0	14.5	15.0	18.0	17.0	17.5
27	4.0	3.0	3.5	5.0	4.0	4.5	16.0	14.5	15.0	17.0	17.0	17.0
28	5.0	4.0	4.5	5.0	3.5	4.5	16.0	15.0	15.5	18.0	16.5	17.0
29	---	---	---	5.0	4.0	4.5	16.0	14.5	15.0	18.5	17.0	17.5
30	---	---	---	5.0	4.5	5.0	16.5	14.5	15.5	18.5	17.5	18.0
31	---	---	---	5.0	4.5	5.0	---	---	---	18.5	17.0	17.5
MONTH	5.0	.0	2.7	7.0	2.5	4.9	17.0	4.5	10.0	23.5	15.5	18.7

DELAWARE RIVER BASIN

01463500 DELAWARE RIVER AT TRENTON, NJ--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			**JULY**			**AUGUST**			**SEPTEMBER**	
1	18.0	17.0	17.5	28.5	27.0	27.5	28.0	24.5	26.0	26.5	25.0	26.0
2	17.5	16.5	17.0	27.0	24.5	25.5	28.5	25.5	27.0	25.5	23.5	24.5
3	18.0	17.0	17.5	25.0	23.0	24.0	28.0	26.0	27.0	25.0	22.5	24.0
4	18.5	16.5	17.5	25.0	23.5	24.0	27.5	26.0	26.5	24.5	23.0	24.0
5	19.5	17.5	18.5	25.0	23.5	24.5	27.5	25.0	26.5	25.0	23.0	24.0
6	19.5	18.5	19.0	25.0	23.0	24.0	29.0	26.0	27.5	24.5	22.0	23.5
7	21.0	19.0	20.0	25.5	22.5	24.0	30.5	27.5	29.0	25.0	22.5	23.5
8	21.5	20.0	21.0	25.0	23.5	24.0	31.5	28.5	30.0	25.0	23.0	24.0
9	22.0	20.5	21.0	26.5	23.0	24.5	32.0	28.5	30.5	25.5	23.5	24.5
10	22.5	21.0	21.5	27.5	25.0	26.0	31.0	29.5	30.5	25.5	24.0	25.0
11	23.0	21.5	22.0	27.0	25.0	26.0	30.0	26.5	28.0	25.5	23.5	24.5
12	24.5	22.0	23.0	26.0	24.0	25.0	27.0	26.0	26.5	25.0	22.5	23.5
13	26.0	23.0	24.5	26.0	23.5	25.0	26.5	25.0	25.5	25.0	22.5	23.5
14	25.5	24.5	25.0	25.5	23.0	24.5	27.0	25.0	26.0	24.5	21.0	22.0
15	26.0	24.0	25.0	26.0	23.0	24.5	27.5	25.0	26.5	21.5	19.5	20.5
16	26.0	25.0	25.0	26.5	23.5	25.0	28.0	25.0	26.5	22.0	19.0	20.5
17	25.0	22.5	23.5	27.5	24.5	26.0	27.5	25.5	26.5	22.0	19.5	21.0
18	25.0	23.5	24.0	26.5	25.0	26.0	27.5	25.5	26.5	22.0	20.0	21.0
19	25.0	23.0	24.0	27.0	24.5	25.5	27.0	25.5	26.0	22.0	20.0	21.0
20	26.0	24.0	25.0	27.5	24.5	26.0	28.0	25.5	26.5	21.5	20.5	21.0
21	25.5	24.5	25.0	28.0	24.5	26.0	27.5	25.5	26.5	22.5	20.5	21.5
22	25.0	24.0	24.5	28.5	25.0	26.5	27.5	25.5	26.5	22.5	21.5	22.0
23	24.5	22.5	24.0	---	---	---	27.0	25.5	26.0	23.5	22.0	22.5
24	23.0	22.0	22.5	30.0	27.0	28.5	---	---	---	23.0	22.0	22.5
25	24.5	22.0	23.0	30.5	28.0	29.5	27.0	25.0	26.0	22.5	21.0	22.0
26	25.0	23.0	24.0	29.5	26.5	28.0	27.0	24.0	25.5	21.0	19.0	20.0
27	26.5	24.5	25.5	27.0	25.0	26.0	27.0	25.0	26.0	19.0	17.5	18.5
28	27.5	25.5	26.5	26.5	24.5	25.5	27.5	25.5	26.5	17.5	16.5	17.0
29	28.5	26.0	27.0	25.0	24.0	24.5	27.0	25.0	26.5	17.0	16.0	16.5
30	29.0	26.5	28.0	25.0	23.5	24.5	26.5	25.0	25.5	16.0	15.0	15.0
31	---	---	---	27.0	23.5	25.0	27.0	24.5	25.5	---	---	---
MONTH	29.0	16.5	22.7	30.5	22.5	25.5	32.0	24.0	26.9	26.5	15.0	22.0
YEAR	32.0	.0	13.3									

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			**NOVEMBER**			**DECEMBER**			**JANUARY**	
1	10.6	9.4	9.9	14.1	11.3	12.8	14.9	13.1	13.8	14.0	13.9	14.0
2	10.5	9.3	9.8	14.4	11.9	13.1	14.9	12.5	13.6	14.4	13.9	14.1
3	10.9	9.0	9.9	14.6	12.1	13.3	15.3	13.0	14.0	14.4	14.2	14.2
4	10.8	9.1	9.8	14.5	12.1	13.2	15.6	13.2	14.3	14.2	14.1	14.2
5	9.5	8.8	9.1	13.6	11.6	12.6	15.8	13.3	14.5	14.3	13.9	14.1
6	10.2	8.6	9.3	14.1	11.6	12.8	16.0	13.4	14.7	14.0	13.7	13.8
7	10.5	8.9	9.7	14.6	12.1	13.3	16.1	13.6	14.9	13.9	13.6	13.7
8	10.6	9.3	10.0	14.5	12.3	13.4	15.7	13.7	14.7	---	---	---
9	10.9	9.7	10.3	13.8	12.0	12.8	16.8	13.6	15.2	13.8	13.5	13.7
10	11.5	10.1	10.8	12.7	11.0	11.8	16.8	14.0	15.4	14.0	13.6	13.8
11	11.8	10.3	11.0	12.9	10.5	11.7	16.5	13.7	15.1	14.1	13.8	13.9
12	12.0	10.3	11.0	12.7	10.8	11.7	16.0	13.2	14.8	14.1	13.9	14.0
13	---	---	---	12.1	11.0	11.4	16.9	13.4	15.2	14.1	13.9	14.0
14	11.9	10.6	11.1	11.2	10.8	11.0	16.6	13.9	15.2	14.1	13.9	14.0
15	11.9	10.4	11.0	12.9	10.6	11.8	15.9	13.5	14.6	13.9	13.6	13.8
16	11.0	10.0	10.5	13.3	11.6	12.4	14.2	13.1	13.7	13.8	13.4	13.6
17	10.7	9.5	10.1	13.3	11.7	12.5	13.1	10.9	12.0	13.8	13.6	13.7
18	10.7	9.7	10.2	14.0	12.1	12.9	12.7	11.2	11.9	13.8	13.6	13.7
19	---	---	---	14.1	12.4	13.3	13.1	12.7	13.0	13.8	13.6	13.6
20	---	---	---	15.0	13.1	14.0	13.3	12.9	13.1	13.7	13.6	13.7
21	11.5	10.3	10.9	15.4	13.4	14.3	13.6	13.2	13.5	14.3	13.4	13.9
22	11.8	10.3	11.0	15.9	14.0	14.9	13.7	13.6	13.6	14.8	14.2	14.6
23	12.1	10.2	11.2	16.5	14.4	15.4	14.1	13.6	13.9	15.0	14.7	14.8
24	12.1	10.7	11.4	16.9	14.8	15.8	14.1	13.8	14.0	15.0	14.8	14.9
25	12.4	10.4	11.4	17.0	15.0	16.0	14.3	13.8	14.1	14.8	14.6	14.7
26	12.0	10.2	11.1	15.8	13.8	14.7	14.3	14.2	14.2	15.0	14.6	14.8
27	12.3	10.0	11.1	14.5	13.1	13.8	14.2	12.6	14.0	14.8	14.4	14.6
28	12.4	9.8	11.1	15.6	13.3	14.1	14.0	13.8	14.0	14.9	14.4	14.6
29	12.9	10.1	11.6	15.7	13.3	14.4	---	---	---	15.0	14.5	14.7
30	13.4	10.9	12.1	15.1	13.2	14.0	14.1	13.8	13.9	14.9	14.3	14.5
31	13.8	11.4	12.4	---	---	---	14.0	13.5	13.8	14.3	14.1	14.2
MONTH	13.8	8.6	10.7	17.0	10.5	13.3	16.9	10.9	14.1	15.0	13.4	14.1

DELAWARE RIVER BASIN

01463500 DELAWARE RIVER AT TRENTON, NJ--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			**MARCH**			**APRIL**			**MAY**	
1	14.5	13.9	14.2	15.0	13.0	14.0	12.9	12.1	12.6	14.1	10.0	12.1
2	14.4	14.1	14.2	15.1	13.2	14.0	12.9	12.1	12.6	13.9	9.6	11.6
3	15.0	14.1	14.6	15.3	13.3	14.1	13.1	12.0	12.8	12.8	8.9	10.9
4	15.5	14.8	15.1	14.2	13.2	13.6	13.1	12.6	12.8	12.0	7.8	10.2
5	15.1	14.7	14.9	14.5	13.0	13.6	12.8	12.4	12.6	10.7	7.2	9.0
6	15.8	14.9	15.4	---	---	---	12.4	12.0	12.2	11.0	6.8	9.0
7	15.8	15.1	15.4	16.5	13.9	15.0	12.4	11.7	12.1	10.8	7.5	9.3
8	15.6	14.8	15.1	15.9	13.3	14.5	12.4	12.1	12.3	9.8	6.7	8.6
9	15.6	14.8	15.1	15.8	13.3	14.4	12.6	12.1	12.4	9.0	7.6	8.3
10	14.9	14.1	14.3	16.5	13.2	14.7	12.2	11.7	11.9	9.0	7.1	8.0
11	15.4	14.3	14.9	16.7	13.5	14.9	11.8	11.5	11.6	9.0	7.1	8.1
12	16.2	14.9	15.6	17.5	13.3	15.1	11.9	11.5	11.7	9.2	7.3	8.3
13	16.0	15.4	15.6	14.7	11.9	13.0	12.0	11.8	11.8	9.9	7.3	8.6
14	15.5	14.5	15.1	12.9	11.9	12.5	11.8	11.5	11.7	10.2	8.2	9.1
15	15.5	14.3	14.9	13.6	12.3	13.0	11.6	11.3	11.4	10.0	7.9	9.0
16	14.9	14.4	14.7	14.4	12.5	13.4	11.4	10.9	11.2	10.0	8.3	9.1
17	15.0	14.1	14.5	13.5	12.4	12.9	11.5	11.1	11.3	9.6	8.3	8.9
18	15.8	14.7	15.2	14.5	12.1	13.4	12.1	11.4	11.8	10.0	8.6	9.3
19	16.1	15.1	15.5	15.0	12.8	13.9	12.6	11.9	12.2	10.3	8.8	9.5
20	15.8	14.8	15.2	15.2	12.6	13.8	12.6	12.0	12.3	9.8	8.5	9.1
21	15.4	14.1	14.7	13.6	12.0	12.8	12.6	12.0	12.3	9.5	8.8	9.1
22	15.3	14.2	14.7	12.4	11.9	12.3	12.2	11.4	12.0	9.7	8.8	9.1
23	15.8	14.4	15.0	12.9	12.3	12.6	11.8	10.7	11.3	9.0	8.1	8.7
24	15.9	14.3	15.0	12.8	12.4	12.6	11.0	9.6	10.3	9.3	8.1	8.7
25	14.9	13.5	14.3	13.1	12.0	12.7	11.1	9.2	10.0	9.0	8.4	8.7
26	14.9	13.2	13.9	13.3	12.6	13.0	12.2	9.7	10.9	9.0	8.5	8.7
27	15.0	13.1	14.0	13.6	12.9	13.3	12.6	9.9	11.2	8.9	8.6	8.8
28	15.0	12.9	13.9	14.1	13.2	13.6	13.2	9.5	11.3	9.1	8.7	8.9
29	---	---	---	13.7	12.6	13.3	13.8	9.9	11.8	8.9	8.3	8.7
30	---	---	---	12.9	11.8	12.6	14.2	10.0	12.1	9.2	8.6	8.9
31	---	---	---	12.9	12.2	12.5	---	---	---	9.5	8.5	9.1
MONTH	16.2	12.9	14.8	17.5	11.8	13.5	14.2	9.2	11.8	14.1	6.7	9.1

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			**JULY**			**AUGUST**			**SEPTEMBER**	
1	9.6	8.3	9.1	10.4	6.8	8.5	10.6	7.7	9.1	10.8	7.9	9.2
2	9.3	8.9	9.1	8.6	6.8	7.9	10.7	7.7	9.1	11.2	8.2	9.6
3	9.4	8.9	9.2	9.6	7.9	8.7	10.5	7.4	8.8	11.2	8.7	9.9
4	9.6	9.0	9.3	9.7	8.0	8.7	9.4	7.2	8.0	11.1	8.6	9.7
5	9.5	9.0	9.2	9.6	8.0	8.8	8.8	7.0	7.7	11.8	8.1	9.7
6	9.5	8.8	9.1	10.6	8.0	9.2	8.7	6.8	7.7	11.8	8.3	10.0
7	9.8	8.8	9.2	10.9	8.4	9.6	9.6	6.9	8.1	11.7	8.3	9.9
8	10.1	8.5	9.2	9.6	8.1	8.9	9.8	6.8	8.1	11.6	8.4	9.9
9	10.2	8.6	9.4	11.1	8.2	9.6	9.8	6.7	8.1	11.2	7.7	9.5
10	10.5	8.3	9.4	10.2	7.9	9.1	9.1	6.5	7.4	10.7	7.7	9.2
11	10.6	8.6	9.5	10.4	7.7	9.1	7.2	6.1	6.6	10.9	7.2	8.9
12	10.9	8.4	9.6	11.3	7.9	9.5	7.2	6.4	6.9	11.4	7.8	9.4
13	10.7	8.1	9.3	11.6	8.3	9.9	7.3	7.1	7.2	11.2	7.8	9.3
14	10.5	7.6	9.0	11.5	8.3	9.9	8.2	7.2	7.6	9.0	7.0	7.9
15	10.2	7.9	9.1	11.2	8.4	9.8	8.4	7.3	7.8	11.1	7.3	9.1
16	9.0	7.6	8.3	10.9	8.1	9.5	9.1	7.3	8.1	11.4	7.9	9.5
17	7.8	7.1	7.4	11.1	8.1	9.6	9.1	7.3	8.1	11.4	7.8	9.4
18	8.0	7.5	7.7	10.4	7.4	8.9	9.7	7.4	8.5	11.4	8.0	9.5
19	7.9	7.3	7.5	10.9	7.6	9.3	9.4	7.6	8.4	11.2	7.8	9.3
20	8.5	7.5	7.9	11.3	7.0	9.7	10.0	7.5	8.6	9.6	7.8	8.6
21	8.3	7.3	7.8	11.6	8.3	10.0	10.2	7.6	8.9	10.1	7.5	8.5
22	8.9	7.5	8.2	12.1	8.0	10.0	10.3	7.6	9.0	9.2	7.9	8.4
23	8.2	7.7	7.9	---	---	---	10.0	7.7	8.7	9.8	7.4	8.5
24	8.1	7.7	7.9	11.6	7.9	9.8	---	---	---	9.4	7.6	8.4
25	8.5	7.9	8.2	10.9	7.6	9.2	10.8	8.0	9.3	9.4	7.8	8.5
26	8.7	7.8	8.3	8.7	6.5	7.4	11.0	8.1	9.5	8.7	8.1	8.4
27	9.2	7.8	8.4	9.1	6.7	7.9	10.4	8.0	9.3	9.4	8.3	8.8
28	9.7	7.6	8.5	9.8	7.5	8.6	11.0	8.1	9.4	9.8	8.9	9.3
29	9.5	7.3	8.4	9.4	7.5	8.4	10.9	8.0	9.5	10.4	9.2	9.7
30	10.2	6.8	8.6	9.7	7.6	8.7	10.8	8.1	9.4	10.6	9.5	10.0
31	---	---	---	10.4	8.1	9.1	10.9	8.1	9.4	---	---	---
MONTH	10.9	6.8	8.7	12.1	6.5	9.1	11.0	6.1	8.4	11.8	7.0	9.2
YEAR	17.5	6.1	11.4									

DELAWARE RIVER BASIN

01463500 DELAWARE RIVER AT TRENTON, NJ--Continued

TURBIDITY, FIELD, WATER, UNFILTERED, NEPHELOMETRIC TURBIDITY UNITS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			**NOVEMBER**			**DECEMBER**			**JANUARY**	
1	2.4	<2.0	<2.0	5.5	<2.0	<2.0	2.9	<2.0	2.0	3.6	2.1	2.5
2	10	<2.0	<2.0	<2.0	<2.0	<2.0	2.0	<2.0	<2.0	3.7	<2.0	2.1
3	5.4	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
4	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	2.4	<2.0	<2.0
5	2.3	<2.0	<2.0	2.1	<2.0	<2.0	2.6	<2.0	<2.0	5.9	<2.0	2.3
6	2.2	<2.0	<2.0	2.8	<2.0	<2.0	<2.0	<2.0	<2.0	2.6	<2.0	<2.0
7	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	2.2	<2.0	<2.0	8.0	<2.0	<2.0
8	2.1	<2.0	<2.0	<2.0	<2.0	<2.0	2.0	<2.0	<2.0	---	---	---
9	2.5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	2.9	<2.0	<2.0
10	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
11	<2.0	<2.0	<2.0	2.2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
12	<2.0	<2.0	<2.0	2.5	<2.0	<2.0	<2.0	<2.0	<2.0	4.1	<2.0	<2.0
13	---	---	---	7.0	2.1	4.1	2.7	<2.0	<2.0	<2.0	<2.0	<2.0
14	3.5	<2.0	<2.0	4.1	2.3	3.0	3.8	<2.0	<2.0	2.0	<2.0	<2.0
15	3.3	<2.0	<2.0	3.4	<2.0	2.4	4.2	2.5	3.1	<2.0	<2.0	<2.0
16	3.2	<2.0	<2.0	2.6	<2.0	<2.0	4.4	2.0	2.9	<2.0	<2.0	<2.0
17	<2.0	<2.0	<2.0	3.3	<2.0	2.0	460	<2.0	120	<2.0	<2.0	<2.0
18	2.0	<2.0	<2.0	2.6	<2.0	<2.0	320	61	170	2.1	<2.0	<2.0
19	2.2	<2.0	<2.0	2.1	<2.0	<2.0	230	76	100	15	<2.0	2.3
20	4.2	<2.0	<2.0	<2.0	<2.0	<2.0	120	37	79	19	10	15
21	4.8	2.3	3.3	<2.0	<2.0	<2.0	47	22	29	10	6.4	7.6
22	2.6	<2.0	2.0	2.1	<2.0	<2.0	23	18	20	7.0	3.3	4.9
23	3.3	<2.0	<2.0	<2.0	<2.0	<2.0	27	16	19	4.0	2.6	3.0
24	2.5	<2.0	<2.0	<2.0	<2.0	<2.0	22	14	15	3.6	<2.0	2.4
25	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	19	12	14	2.3	<2.0	<2.0
26	<2.0	<2.0	<2.0	6.0	<2.0	<2.0	14	11	12	<2.0	<2.0	<2.0
27	4.3	<2.0	2.3	10	3.7	6.8	12	10	11	<2.0	<2.0	<2.0
28	4.8	<2.0	2.3	5.8	2.0	2.8	12	10	11	<2.0	<2.0	<2.0
29	<2.0	<2.0	<2.0	3.6	<2.0	2.3	---	---	---	2.4	<2.0	<2.0
30	<2.0	<2.0	<2.0	3.2	<2.0	2.4	4.2	2.1	2.8	27	<2.0	5.0
31	<2.0	<2.0	<2.0	---	---	---	28	2.1	3.7	60	9.4	26
MONTH	10	<2.0	<2.0	10	<2.0	<2.0	460	<2.0	21	60	<2.0	3.2

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			**MARCH**			**APRIL**			**MAY**	
1	10	6.6	8.4	3.0	<2.0	2.2	20	4.2	7.4	12	<2.0	<2.0
2	7.0	4.4	6.1	2.2	<2.0	<2.0	14	9.5	12	4.9	<2.0	<2.0
3	4.8	3.1	3.8	2.1	<2.0	<2.0	14	4.9	8.6	2.0	<2.0	<2.0
4	3.6	2.2	2.9	2.7	<2.0	<2.0	5.5	3.0	4.1	2.4	<2.0	<2.0
5	6.6	<2.0	2.9	2.5	<2.0	<2.0	6.5	2.9	4.0	3.6	<2.0	2.0
6	5.6	2.3	3.1	---	---	---	5.2	2.0	3.0	---	---	---
7	3.1	2.0	2.4	<2.0	<2.0	<2.0	7.3	2.3	4.0	---	---	---
8	3.0	<2.0	2.2	2.0	<2.0	<2.0	7.3	2.5	4.2	---	---	---
9	3.0	<2.0	2.0	2.6	<2.0	<2.0	8.1	2.9	4.4	---	---	---
10	51	<2.0	16	3.2	<2.0	2.4	49	3.9	9.9	---	---	---
11	40	5.7	15	2.8	<2.0	2.4	1300	14	110	---	---	---
12	6.1	3.1	5.1	2.7	<2.0	2.1	31	18	23	---	---	---
13	3.8	2.3	2.9	33	<2.0	14	26	14	19	---	---	---
14	2.6	<2.0	2.1	24	11	15	19	7.6	11	---	---	---
15	3.5	<2.0	2.3	13	4.1	8.6	14	8.1	11	---	---	---
16	3.5	2.1	2.6	6.1	2.6	3.9	11	4.7	6.6	---	---	---
17	6.3	2.4	4.1	5.0	3.1	3.8	8.0	4.2	6.1	---	---	---
18	5.4	3.4	4.3	7.4	3.8	4.8	7.9	2.5	3.6	---	---	---
19	3.7	2.6	3.2	8.6	5.5	6.7	9.5	<2.0	4.2	4.9	<2.0	2.2
20	3.4	2.1	2.5	8.7	4.5	5.7	7.3	<2.0	3.0	3.4	<2.0	<2.0
21	3.1	<2.0	2.1	8.8	5.6	7.5	5.1	<2.0	2.8	2.2	<2.0	<2.0
22	2.1	<2.0	<2.0	24	7.9	16	3.8	<2.0	2.5	6.2	<2.0	2.4
23	2.8	<2.0	<2.0	9.6	4.9	6.8	4.7	<2.0	2.4	5.7	3.8	4.7
24	<2.0	<2.0	<2.0	19	4.0	6.9	3.8	<2.0	<2.0	5.7	<2.0	3.9
25	<2.0	<2.0	<2.0	23	5.9	9.5	2.3	<2.0	<2.0	5.3	<2.0	3.5
26	4.8	<2.0	3.0	12	5.1	8.6	2.1	<2.0	<2.0	4.4	<2.0	<2.0
27	4.6	3.0	3.7	10	7.2	8.5	4.3	<2.0	2.7	21	2.4	8.9
28	3.6	2.5	3.1	8.2	2.9	5.1	5.9	2.0	2.9	34	11	20
29	---	---	---	11	3.1	4.6	3.9	<2.0	2.8	25	5.9	11
30	---	---	---	28	3.6	7.0	53	<2.0	5.5	28	6.0	13
31	---	---	---	9.7	5.1	7.0	---	---	---	10	2.2	5.4
MONTH	51	<2.0	4.0	33	<2.0	5.7	1300	<2.0	9.5	34	<2.0	4.9

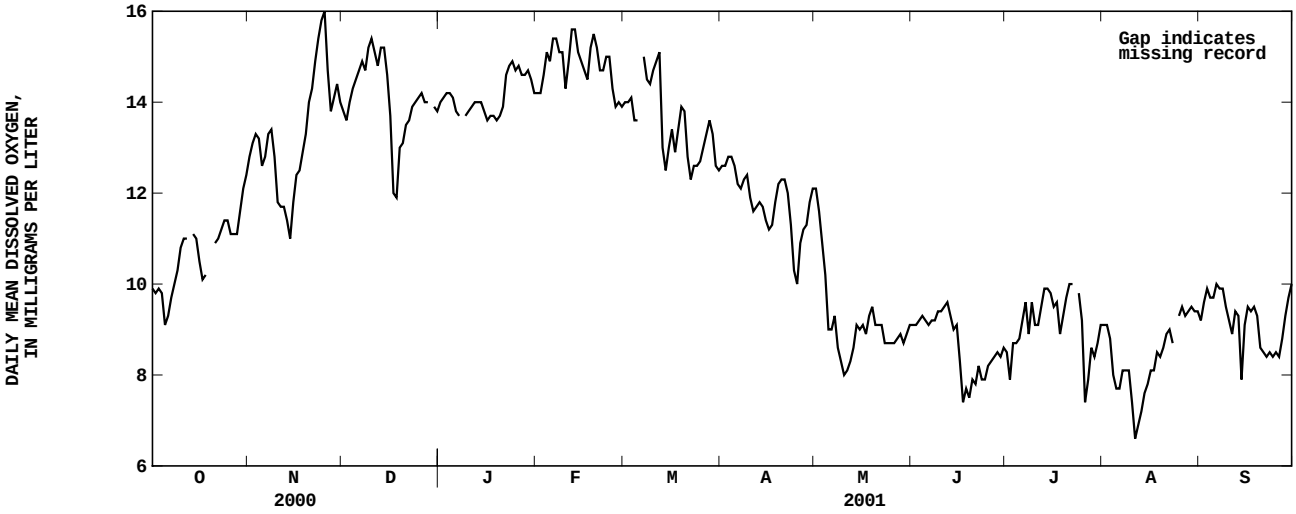
01463500 DELAWARE RIVER AT TRENTON, NJ--Continued

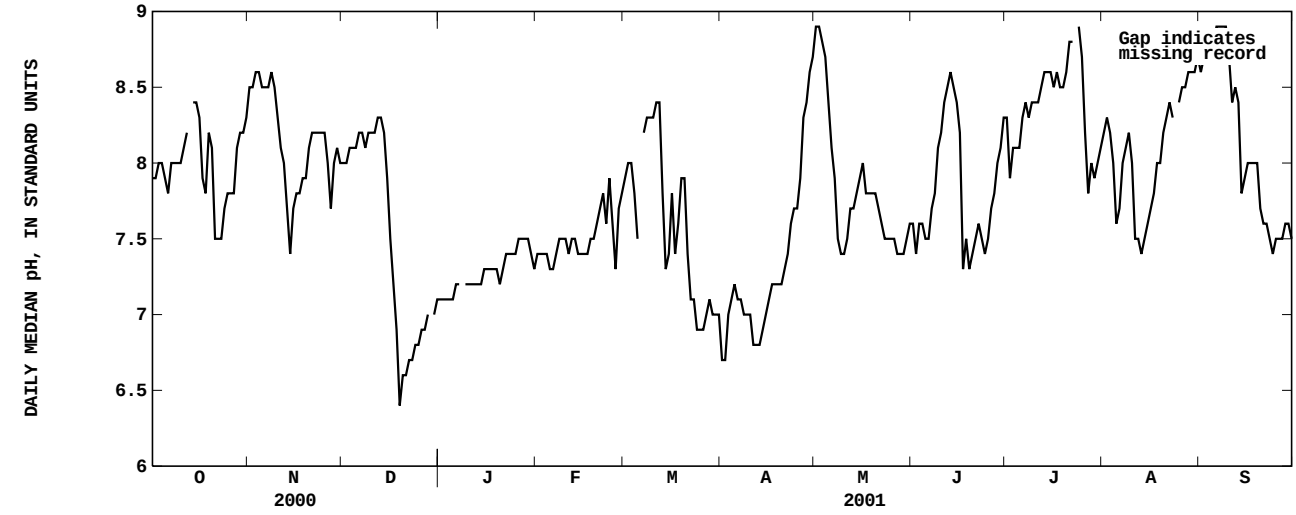
TURBIDITY, FIELD, WATER, UNFILTERED, NEPHELOMETRIC TURBIDITY UNITS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

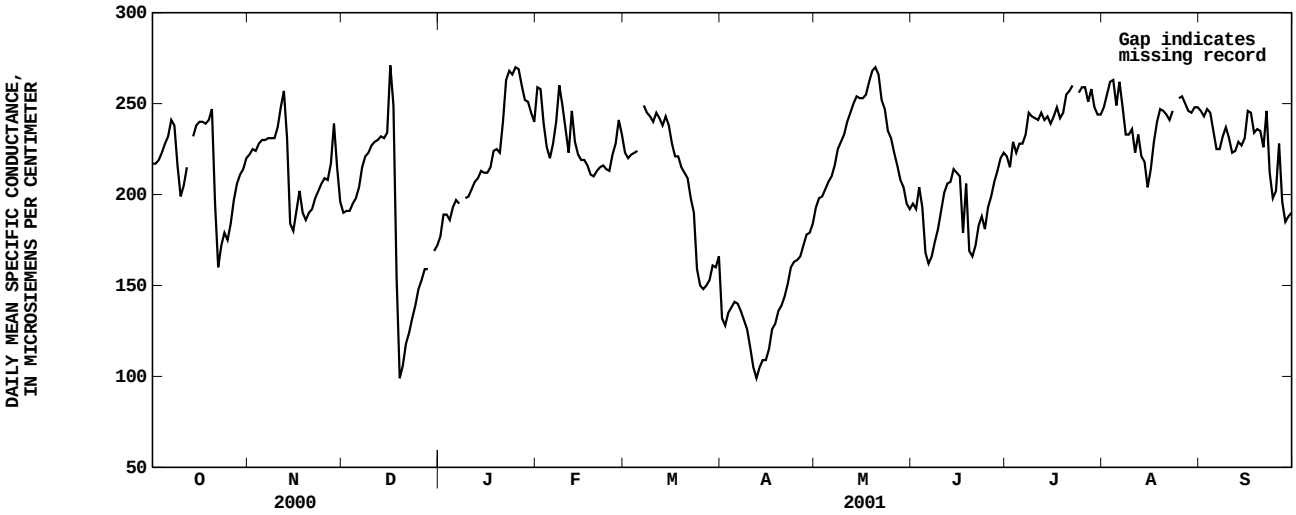
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			**JULY**			**AUGUST**			**SEPTEMBER**	
1	3.4	<2.0	2.0	8.4	3.8	5.5	6.7	2.1	3.7	2.5	<2.0	<2.0
2	35	2.1	22	27	4.4	14	6.7	3.9	5.7	2.0	<2.0	<2.0
3	26	3.4	8.4	18	8.3	11	8.0	3.2	5.3	<2.0	<2.0	<2.0
4	7.8	2.8	4.5	11	3.0	6.4	6.5	2.1	3.9	<2.0	<2.0	<2.0
5	5.7	<2.0	2.8	5.5	2.4	4.0	23	3.8	9.7	9.4	<2.0	<2.0
6	4.2	<2.0	2.1	5.0	2.7	3.7	39	7.9	21	<2.0	<2.0	<2.0
7	6.2	<2.0	3.1	4.0	<2.0	2.6	15	4.3	7.5	<2.0	<2.0	<2.0
8	3.7	<2.0	<2.0	5.3	2.0	3.0	8.3	4.4	6.1	<2.0	<2.0	<2.0
9	4.0	<2.0	2.2	6.3	2.5	4.0	10	3.3	6.4	<2.0	<2.0	<2.0
10	3.9	<2.0	<2.0	9.3	2.4	4.6	8.0	<2.0	5.2	<2.0	<2.0	<2.0
11	<2.0	<2.0	<2.0	33	5.1	13	85	<2.0	14	<2.0	<2.0	<2.0
12	14	<2.0	<2.0	64	3.1	8.4	22	2.3	7.0	<2.0	<2.0	<2.0
13	14	<2.0	<2.0	13	2.9	5.6	36	16	23	<2.0	<2.0	<2.0
14	5.5	<2.0	2.6	8.8	<2.0	3.1	24	5.8	9.2	<2.0	<2.0	<2.0
15	2.8	<2.0	2.0	4.6	<2.0	2.4	26	7.0	13	<2.0	<2.0	<2.0
16	2.5	<2.0	<2.0	2.7	<2.0	<2.0	11	3.4	7.1	5.6	<2.0	<2.0
17	350	<2.0	110	2.2	<2.0	<2.0	4.9	3.0	3.6	<2.0	<2.0	<2.0
18	44	7.7	21	<2.0	<2.0	<2.0	7.2	2.9	4.6	<2.0	<2.0	<2.0
19	31	8.6	16	4.3	<2.0	2.2	11	3.3	5.4	2.6	<2.0	2.1
20	31	9.1	17	2.7	<2.0	<2.0	5.6	3.0	3.5	6.7	2.0	4.2
21	21	9.2	14	3.4	<2.0	<2.0	6.8	3.4	4.3	17	2.1	8.4
22	35	8.6	17	2.9	<2.0	<2.0	5.4	3.1	3.8	38	6.9	20
23	77	7.2	21	---	---	---	7.0	2.1	4.0	18	2.9	6.1
24	150	28	94	7.3	<2.0	2.2	---	---	---	4.9	2.3	3.1
25	93	20	40	11	<2.0	2.8	4.0	<2.0	<2.0	5.1	2.0	3.2
26	23	6.2	11	2.5	<2.0	<2.0	<2.0	<2.0	<2.0	21	2.7	11
27	13	5.1	8.9	22	<2.0	8.5	<2.0	<2.0	<2.0	27	5.8	12
28	10	4.3	6.6	9.2	3.8	6.0	<2.0	<2.0	<2.0	17	4.9	12
29	12	3.9	6.2	5.8	2.4	3.5	<2.0	<2.0	<2.0	13	4.7	7.4
30	8.0	3.7	5.2	5.5	2.2	3.3	<2.0	<2.0	<2.0	6.1	2.2	3.7
31	---	---	---	7.1	2.1	4.2	2.4	<2.0	<2.0	---	---	---
MONTH	350	<2.0	15	64	<2.0	4.5	85	<2.0	6.1	38	<2.0	3.4
YEAR	1300	<2.0	6.7									

DELAWARE RIVER BASIN

01463500 DELAWARE RIVER AT TRENTON, NJ--Continued

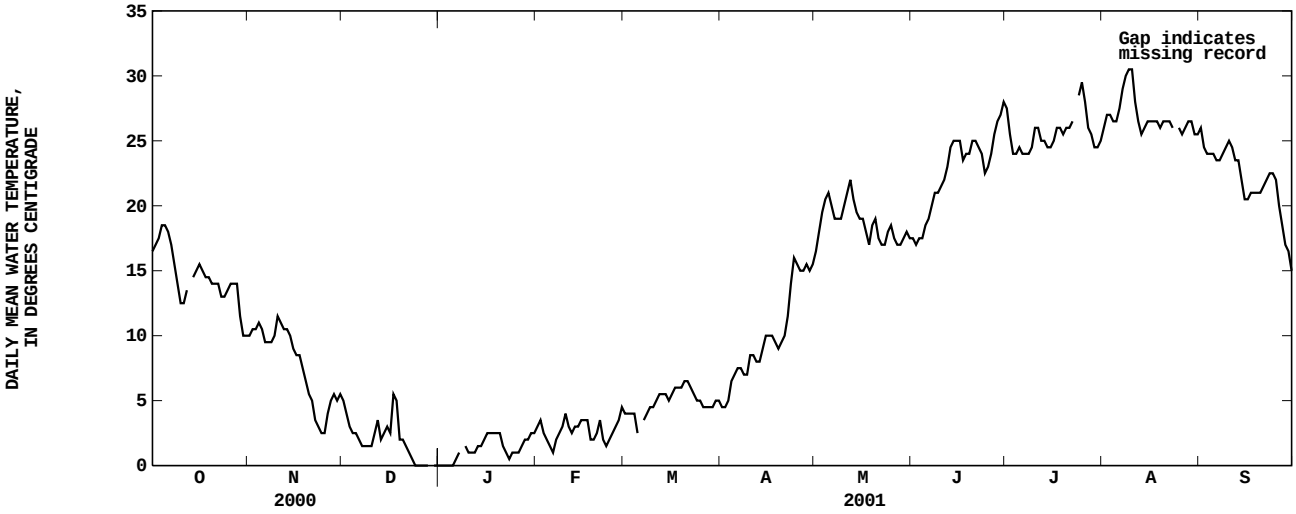


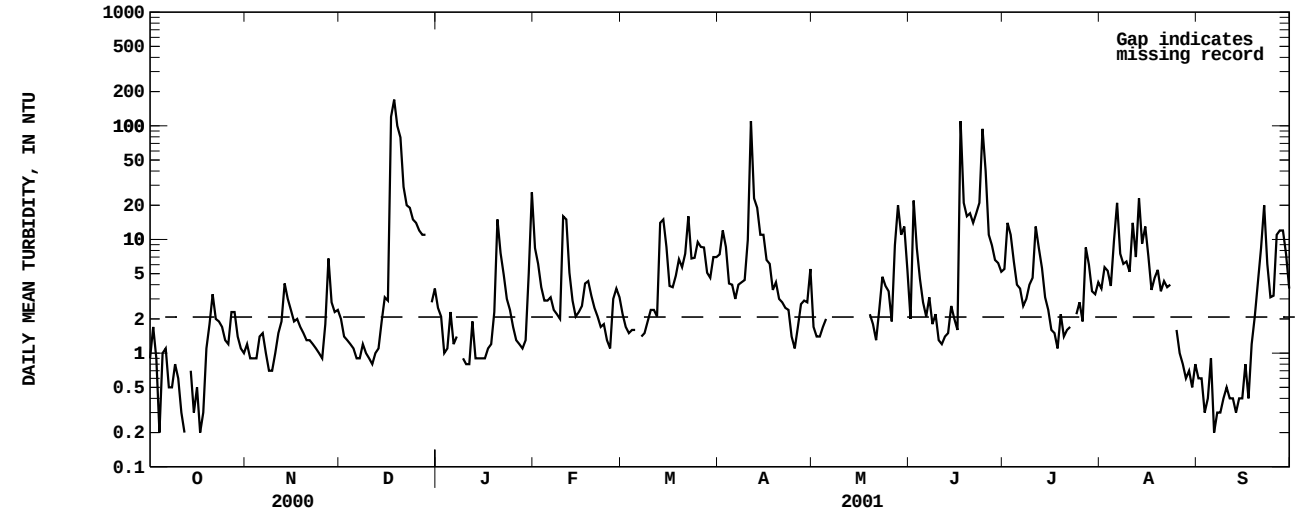


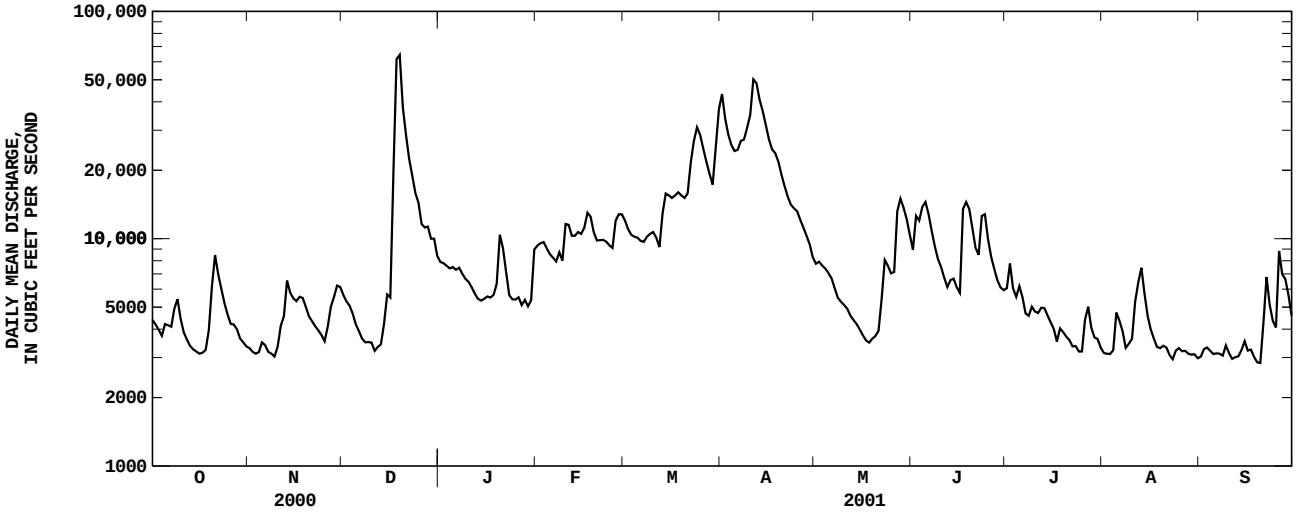


DELAWARE RIVER BASIN

01463500 DELAWARE RIVER AT TRENTON, NJ--Continued



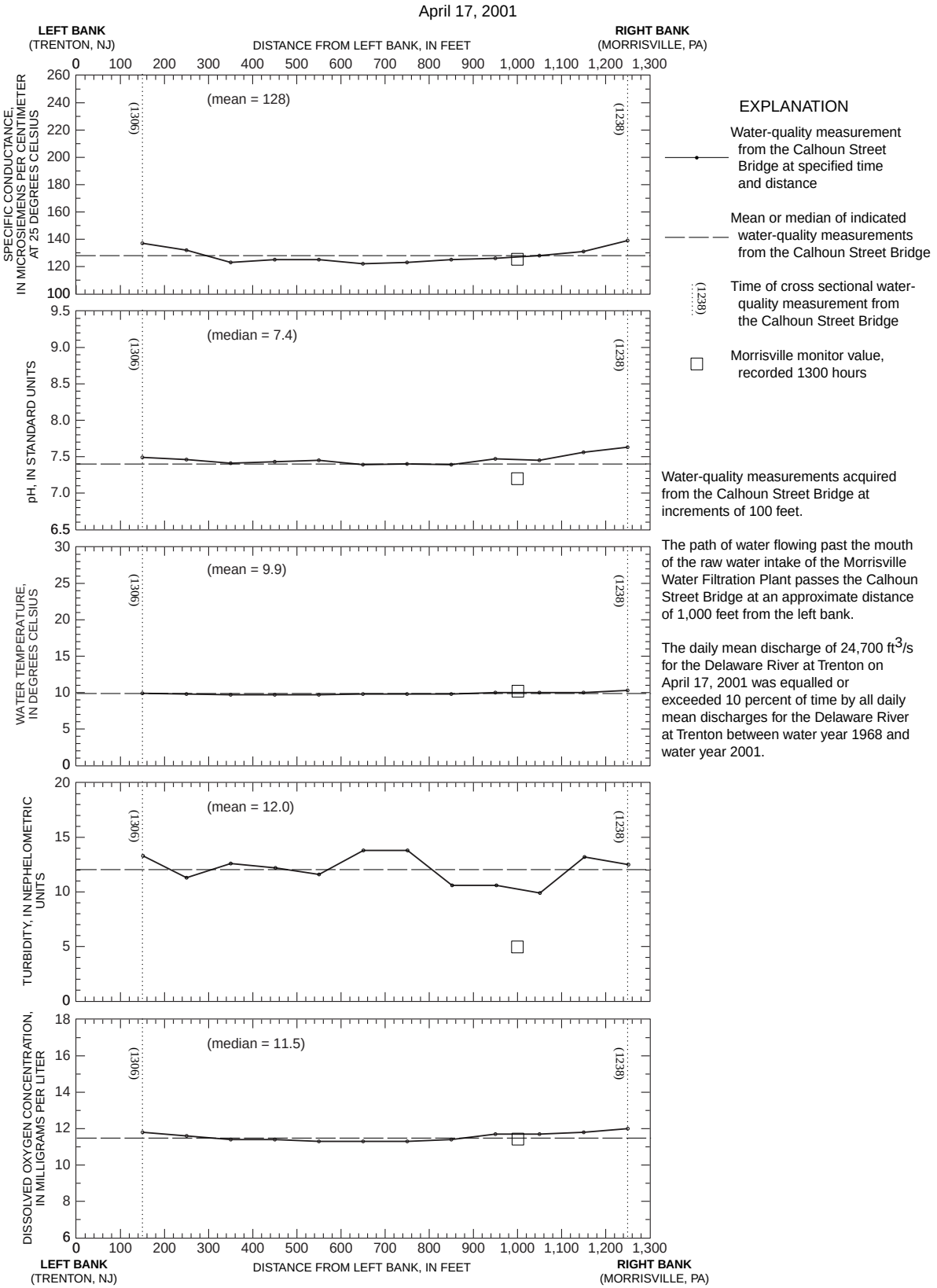




DELAWARE RIVER BASIN

01463500 DELAWARE RIVER AT TRENTON, NJ--Continued

Cross section of specific conductance, pH, water temperature, turbidity, and dissolved oxygen concentration measurements from the Calhoun Street Bridge (distance from left bank looking downstream); and recorded hourly specific conductance, pH, water temperature, turbidity, and dissolved oxygen concentration measurements from the water-quality monitor at the Morrisville Water Filtration Plant, Morrisville, PA.



Water-quality measurements acquired from the Calhoun Street Bridge at increments of 100 feet.

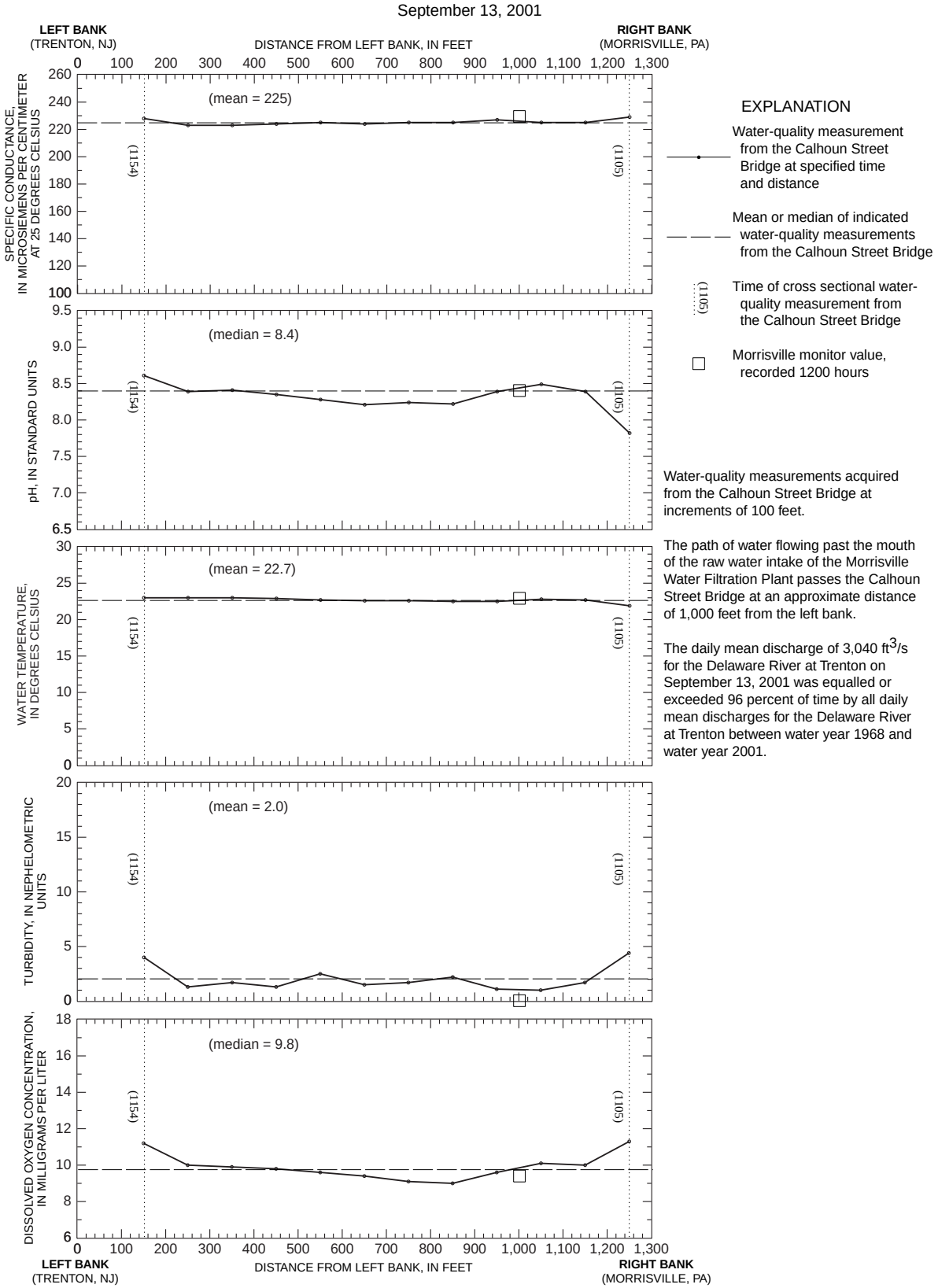
The path of water flowing past the mouth of the raw water intake of the Morrisville Water Filtration Plant passes the Calhoun Street Bridge at an approximate distance of 1,000 feet from the left bank.

The daily mean discharge of 24,700 ft^3/s for the Delaware River at Trenton on April 17, 2001 was equalled or exceeded 10 percent of time by all daily mean discharges for the Delaware River at Trenton between water year 1968 and water year 2001.

DELAWARE RIVER BASIN

01463500 DELAWARE RIVER AT TRENTON, NJ--Continued

Cross section of specific conductance, pH, water temperature, turbidity, and dissolved oxygen concentration measurements from the Calhoun Street Bridge (distance from left bank looking downstream); and recorded hourly specific conductance, pH, water temperature, turbidity, and dissolved oxygen concentration measurements from the water-quality monitor at the Morrisville Water Filtration Plant, Morrisville, PA.



Water-quality measurements acquired from the Calhoun Street Bridge at increments of 100 feet.

The path of water flowing past the mouth of the raw water intake of the Morrisville Water Filtration Plant passes the Calhoun Street Bridge at an approximate distance of 1,000 feet from the left bank.

The daily mean discharge of 3,040 ft^3/s for the Delaware River at Trenton on September 13, 2001 was equalled or exceeded 96 percent of time by all daily mean discharges for the Delaware River at Trenton between water year 1968 and water year 2001.