01463500 DELAWARE RIVER AT TRENTON, NJ

DELAWARE RIVER BASIN

LOCATION.--Lat 40°13′18″, long 74°46′41″ referenced to North American Datum of 1983, Trenton City, Mercer County, NJ, 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.

SURFACE-WATER 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 NGVD of 1929. 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 for estimated daily discharges, which are fair. Diurnal fluctuations at medium and low flow caused by power plants on tributary streams. Flow regulated by Lakes Wallenpaupack (see 01431700) and Hopatcong (see 01455400), and by Pepacton (see 01416900), Cannonsville (see 01424997), Neversink (see 01435900) Reservoirs and many smaller reservoirs. Diversion from Pepacton (see 01415200), Cannonsville (see 01423900), and Neversink (see 01435800) Reservoirs. Diversion to Bradshaw (see 01459005) and Merrill Creek Reservoirs (see 01446572) and to Delaware and Raritan Canal (see 01460440). Water diverted just above station by Borough of Morrisville, PA (see 01463480), and City of Trenton (see 01463490) for municipal supply. Minor tide affect is occasionally noted at this location, but is considered negligible for normal tides. Satellite gage-height and water-quality parameter telemetry at station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Oct. 11, 1903, reached an elevation of about 28.5 ft above NGVD of 1929, discharge estimated, 295,000 ft^3/s. Maximum elevation known, 30.6 ft above NGVD of 1929, 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 (or) maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)
Oct 09	0515	87,300	16.95
Oct 15	0100	52,900	14.35
Jan 16	0500	51,700	14.25
Jan 20	0130	91,400	17.23
Jun 29	2045	*237,000	*25.09

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2,720	16,400	37,100	25,300	23,100	8,790	5,780	14,100	7,720	89,800	7,350	17,800
2	2,840	14,800	36,500	22,000	25,400	8,810	5,600	12,600	13,000	60,600	7,270	17,100
3	2,770	13,700	27,300	31,800	25,500	9,040	5,450	11,400	21,200	45,700	6,730	17,400
4	2,810	13,000	22,700	32,700	32,400	8,060	5,430	10,500	14,000	36,400	6,480	14,800
5	2,840	12,100	19,800	27,400	40,600	7,910	6,000	9,760	13,400	34,300	6,270	12,200
6	2,890	11,300	17,400	23,300	41,200	7,580	6,590	9,070	13,600	33,700	5,790	10,200
7	2,930	10,400	15,800	21,100	36,900	7,350	6,810	8,300	13,100	29,300	5,380	9,450
8	12,200	10,000	14,400	18,900	32,000	7,860	6,990	7,460	13,500	23,000	4,820	9,180
9	78,900	9,640	13,300	17,000	28,300	7,560	9,020	6,920	14,700	17,600	4,540	8,350
10	43,500	9,730	12,600	16,000	24,800	7,500	8,590	6,920	14,500	18,300	4,620	7,790
11	26,200	10,300	11,400	15,300	21,900	7,460	7,900	6,860	12,800	16,600	4,550	7,350
12	29,200	11,100	10,800	17,200	20,500	7,810	7,300	8,180	11,900	14,900	4,360	6,800
13	35,400	10,700	10,400	19,700	18,900	7,730	6,950	12,800	11,500	14,800	4,100	6,290
14	49,900	9,430	10,000	25,200	17,400	7,790	6,810	14,000	11,200	13,300	4,140	6,430
15	46,800	8,750	8,930	36,300	16,500	8,670	6,760	13,900	10,600	11,800	3,850	11,700
16	38,800	8,490	15,900	47,600	16,100	e9,800	6,960	14,500	9,870	12,000	4,320	23,300
17	30,400	11,600	22,800	35,700	17,600	e9,500	7,080	16,100	9,780	10,600	4,530	27,200
18	23,000	15,500	19,200	37,300	17,200	9,000	7,130	16,700	9,140	9,500	4,380	20,400
19	18,700	17,100	17,400	74,400	15,400	8,770	6,610	15,800	8,060	9,260	4,220	16,900
20	15,900	14,200	15,300	82,000	13,800	8,160	6,220	14,900	8,380	8,610	4,190	15,100
21	13,900	12,400	13,200	59,000	12,200	7,590	5,720	14,600	7,560	7,860	4,440	13,500
22	12,700	13,900	11,900	46,200	11,800	7,610	5,870	13,500	6,950	14,100	4,230	12,400
23	15,400	15,400	11,600	41,700	11,600	7,330	13,700	12,200	6,580	12,500	5,250	11,000
24	21,500	14,600	11,500	38,700	11,200	6,970	20,300	11,500	7,490	10,400	4,670	9,850
25	28,000	13,600	11,200	32,900	10,900	6,790	31,100	10,800	9,060	9,270	4,070	9,500
26	33,800	12,600	15,500	28,700	10,500	6,590	28,600	10,100	11,100	8,330	4,310	9,300
27	39,500	11,300	19,300	25,500	9,370	6,500	24,300	9,720	53,500	7,750	4,740	9,090
28	31,100	10,200	21,100	22,800	8,620	6,390	20,800	10,100	154,000	8,400	6,110	8,630
29	24,600	9,960	19,800	21,000	---	6,330	17,500	9,580	224,000	8,430	8,370	9,040
30	20,700	18,600	20,400	21,100	---	6,240	15,600	8,790	179,000	8,290	9,870	11,300
31	18,000	---	25,700	21,200	---	6,090	---	7,690	---	7,470	17,000	---
Total	727,900	370,800	540,230	985,000	571,690	239,580	319,470	349,350	901,190	612,870	174,950	369,350
Mean	23,480	12,360	17,430	31,770	20,420	7,728	10,650	11,270	30,040	19,770	5,644	12,310
Max	78,900	18,600	37,100	82,000	41,200	9,800	31,100	16,700	224,000	89,800	17,000	27,200
Min	2,720	8,490	8,930	15,300	8,620	6,090	5,430	6,860	6,580	7,470	3,850	6,290

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1913 - 2006, BY WATER YEAR (WY)

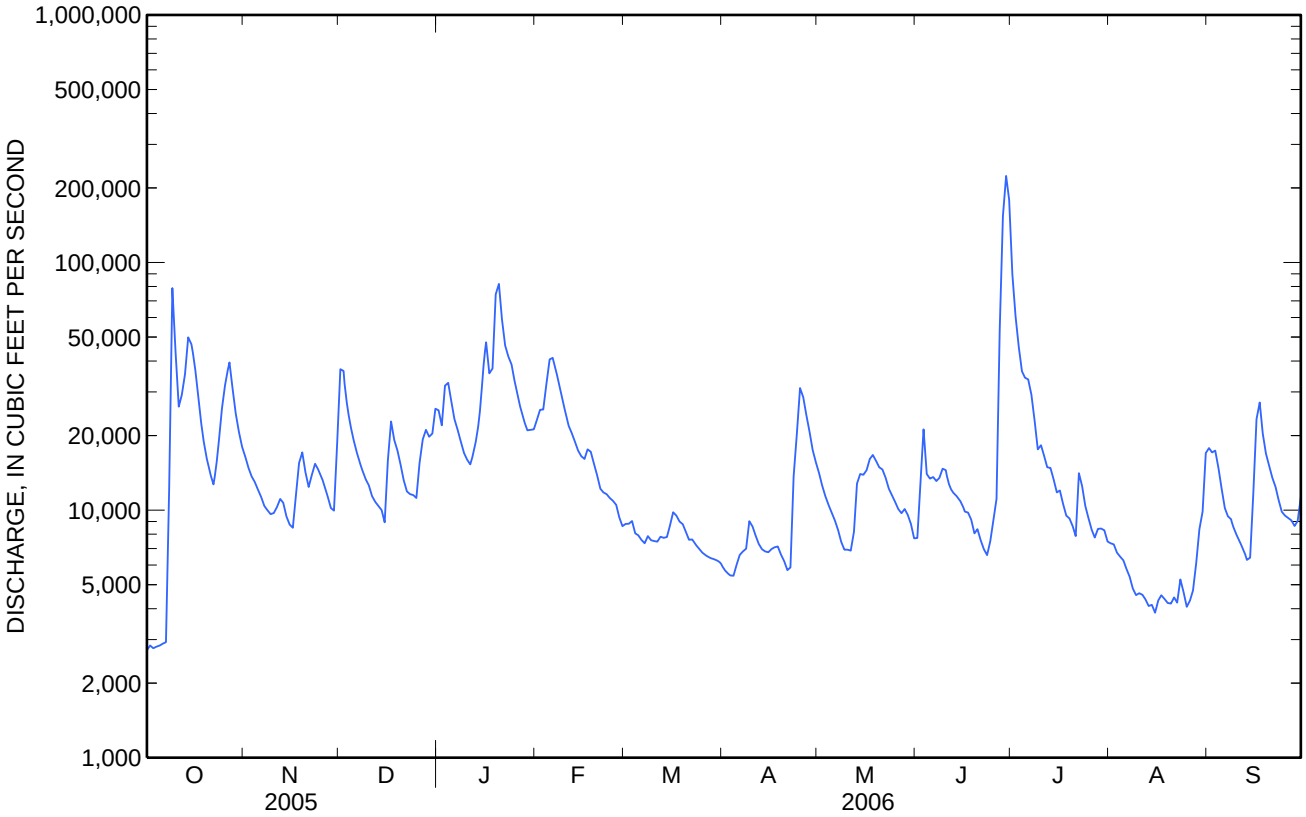
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	7,274	10,570	13,020	12,780	12,780	20,370	22,190	14,060	9,541	7,132	6,015	6,240
Max	28,710	27,340	42,860	34,950	27,550	60,840	52,680	31,690	33,460	25,720	30,290	32,570
(WY)	(1956)	(1928)	(1997)	(1979)	(1951)	(1936)	(1940)	(1989)	(1972)	(1928)	(1955)	(2004)
Min	1,632	1,868	2,037	2,539	3,500	7,715	6,828	5,074	2,572	1,548	1,808	1,762
(WY)	(1942)	(1915)	(1923)	(1981)	(1920)	(1981)	(1985)	(1995)	(1965)	(1965)	(1965)	(1932)

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

SUMMARY STATISTICS

	Calendar Year 2005		Water Year 2006		Water Years 1913 - 2006	
Annual total	5,592,240		6,162,380			
Annual mean	15,320		16,880		11,820	
Highest annual mean					19,810	1928
Lowest annual mean					4,708	1965
Highest daily mean	230,000	Apr 4	224,000	Jun 29	279,000	Aug 20, 1955
Lowest daily mean	2,520	Sep 20	2,720	Oct 1	1,240	Oct 31, 1914
Annual seven-day minimum	2,770	Sep 29	2,830	Oct 1	1,310	Oct 31, 1914
Maximum peak flow			237,000	Jun 29	[a]329,000	Aug 20, 1955
Maximum peak stage			25.09	Jun 29	[b]28.60	Aug 20, 1955
Instantaneous low flow			2,540	Oct 1	1,180	Oct 31, 1963
10 percent exceeds	28,400		32,200		24,700	
50 percent exceeds	11,200		11,700		8,040	
90 percent exceeds	3,110		6,050		3,040	

[a] From rating curve extended above 230,000 ft³/s, maximum flow since 1692.
[b] From high-water mark in gage house, current datum.



WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1945 to current year.

PERIOD OF DAILY RECORD.--
DISSOLVED OXYGEN: October 1962 to current year. Recorded as once daily during 1979.
DISSOLVED OXYGEN PERCENT SATURATION: October 2001 to current year.
pH: June 1968 to current year. Recorded as once daily during 1979.
SPECIFIC CONDUCTANCE: October 1963 to current year. Recorded as once daily during years 1964 to 1968, 1979.
SUSPENDED SEDIMENT DISCHARGE: September 1949 to September 1981.
WATER TEMPERATURE: October 1944 to current year. Recorded as once daily during years 1945 to 1953, 1962, 1964, 1979.
TURBIDITY: November 2000 to current year.

INSTRUMENTATION.--
TEMPERATURE MONITOR (in-situ system, max-min recorded): October 1953 to September 1961.
TEMPERATURE / DISSOLVED-OXYGEN MONITOR (in-situ system): October 1962 to September 1965, max-min recorded (only dissolved-oxygen concentration recorded during water year 1964). October 1965 to May 1968, measurements recorded hourly.
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 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 September 19, 2005, monitor located inside raw-water intake of Morrisville Water Filtration Plant, Morrisville, PA, 1600 feet upstream on bank opposite the gage house. YSI turbidimeter 6026, November 2000 to May 2004; YSI turbidimeter 6136, June 2004 to current year.
WATER-QUALITY MONITOR (intermittent pumping system, measurements recorded hourly): September 20, 2005 to current year, water withdrawn from raw-water intake within Morrisville Water Filtration Plant, Morrisville, PA.

REMARKS.--Samples on Dec. 8, Feb. 22, June 8, and Aug. 16 were collected to fulfill the requirements of both the Ambient Surface-Water-Quality Monitoring Network and the Delaware River Basin National Water Quality Assessment (DELR NAWQA). Samples on Oct. 4 and Apr. 6 were collected for the DELR NAWQA. Bacteria samples were collected synoptically over a 30-day period during the summer. 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 median instead of mean values. Continuous-record turbidity values less than 0.5 FNU were below the instrument reporting level. Missing continuous water-quality records are the result of instrument malfunction or interruption of flow through the filtration plant. The accuracy of continuous water-quality data is routinely verified through inspections for fouling and calibration drift. The New Jersey Water Science Center requires that either constant or prorated adjustments be made to the continuous water-quality record when the difference between a sensor's response and a known value exceeds the following criteria: Water Temperature, 0.2 degrees Celsius (+ or -); Specific Conductance, the greater of 5 microsiemens/cm (+ or -) or 5% of the measured value; Dissolved Oxygen, the greater of 0.3 mg/L (+ or -) or 5% of the measured value; pH, 0.3 units (+ or -); Turbidity, the greater of 0.5 FNU (+ or -) or 5% of the measured value. If the difference between a sensor's response and a known value is within specified criteria, the data are considered to be reliable and are not adjusted. Data from the following period(s) were adjusted -
DISSOLVED OXYGEN: Oct. 4-18, Jan. 18 to Feb. 17, Apr. 13 to May 15.
pH: Feb. 17-28, July 18 to Aug. 1, Aug. 7-30.
TURBIDITY: Sep. 15-28.
COOPERATIVE NETWORK SITE DESCRIPTOR: Delaware River Main Stem, New Jersey Department of Environmental Protection (NJDEP) Watershed Management Area 11.

COOPERATION.--Samples were collected as part of the DELR NAWQA with cooperation from the Delaware River Basin Commission and the NJDEP. Bacteria samples were provided by the local county health department under the direction of the NJDEP through the County Environmental Health Act. Determinations of filtered and unfiltered ammonia, filtered orthophosphorus, BOD, and filtered hexavalent chromium (CrVI) on Dec. 8 at 0901, Feb. 22 at 0931, June 8 at 0931, and Aug. 16 at 0901 were performed by the New Jersey Department of Health and Senior Services.

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

EXTREMES FOR PERIOD OF DAILY RECORD.--
DISSOLVED OXYGEN: Maximum, 20.0 mg/L, Feb. 11, 1989; minimum, 4.0 mg/L, Nov. 9, 1972, Sep. 9, 1995.
DISSOLVED OXYGEN PERCENT SATURATION: Maximum, 172 %, June 14, 2005; minimum, 59 %, Aug. 9, 2005.
pH: Maximum, 10.3 standard units, Aug. 9, 10, 1983; minimum, 5.3 standard units, June 22, 1972.
SPECIFIC CONDUCTANCE: Maximum, 468 microsiemens/cm, Jan. 11, 1999; minimum, 63 microsiemens/cm, July 7, 1984.
WATER TEMPERATURE: Maximum, 34.0°C, June 18, 1957; minimum, -0.6°C, on many days during winter months in water years 1954-57.
TURBIDITY: Maximum, 880 FNU, June 28-29, 2006; minimum, <0.5 FNU, on many days throughout the period of record.

EXTREMES FOR CURRENT YEAR.--
DISSOLVED OXYGEN: Maximum, 17.8 mg/L, Mar. 21, 23; minimum, 6.6 mg/L, July 22.
DISSOLVED OXYGEN PERCENT OF SATURATION: Maximum, 161 %, Aug. 12; minimum, 71 %, Apr. 4.
pH: Maximum, 9.8 standard units, Mar. 21, 22, 23, 29, 30; minimum, 6.4 standard units, Oct. 18, 19.
SPECIFIC CONDUCTANCE: Maximum, 300 microsiemens/cm, Dec. 17; minimum, 69 microsiemens/cm, June 29.
WATER TEMPERATURE: Maximum, 29.0°C, Aug. 8; minimum, 0.2°C, Dec. 14, 15.
TURBIDITY: Maximum, 880 FNU, June 28, 29; minimum, <0.5 FNU, on several days during October and November.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
Part 1 of 6
[Remark codes: <, less than; E, estimated.]

Date	Time	Instantaneous discharge, cfs (00061)	Turbdty white light, det ang 90+/-30 corrctd NTRU (63676)	UV absorbance, 254 nm, wat flt units /cm (50624)	UV absorbance, 280 nm, wat flt units /cm (61726)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, mg/L as CaCO3 (00900)
Oct													
04...	0930	2,800	1.3	--	--	765	8.9	97	7.7	240	20.5	19.6	--
Dec													
08...	0900	14,500	3.1	.089	.066	776	15.2	107	7.5	153	-1.0	1.6	48
08...	0901	14,500	--	--	--	--	--	--	--	--	--	--	--
Feb													
22...	0930	11,900	1.4	.051	.039	760	14.9	109	7.8	195	8.0	2.4	62
22...	0931	11,900	--	--	--	--	--	--	--	--	--	--	--
Apr													
06...	0900	6,580	1.4	--	--	753	10.9	101	8.1	232	7.0	11.0	--
Jun													
08...	0930	13,300	13	.132	.101	751	9.0	98	7.3	145	18.5	18.9	45
08...	0931	13,300	--	--	--	--	--	--	--	--	--	--	--
Aug													
16...	0900	4,300	4.0	.058	.044	760	8.6	103	8.3	262	26.0	24.3	88
16...	0901	4,300	--	--	--	--	--	--	--	--	--	--	--

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
Part 2 of 6
[Remark codes: <, less than; E, estimated.]

Date	Calcium water, fltrd, mg/L (00915)	Magnes-ium, water, fltrd, mg/L (00925)	Potas-sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unf fixed end pt, lab, mg/L as CaCO3 (90410)	Alka-linity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicar-bonate, wat flt incrm. titr., field, mg/L (00453)	Carbon-ate, wat flt incrm. titr., field, mg/L (00452)	Chlor-ide, water, fltrd, mg/L (00940)	Fluor-ide, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue water, fltrd, sum of consti-tuents mg/L (70301)
Oct													
04...	--	--	--	--	--	64	78	<1	21.2	--	--	18.4	--
Dec													
08...	12.6	4.03	1.10	9.47	34	32	39	<1	14.7	E.07	4.9	13.1	81
08...	--	--	--	--	--	--	--	--	--	--	--	--	--
Feb													
22...	16.1	5.38	1.07	10.4	45	38	47	<1	18.4	E.09	4.6	15.2	99
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
Apr													
06...	--	--	--	--	--	53	64	<1	21.6	--	--	18.9	--
Jun													
08...	11.7	3.79	1.20	8.78	34	31	38	<1	13.0	<.10	4.3	10.7	75
08...	--	--	--	--	--	--	--	--	--	--	--	--	--
Aug													
16...	21.8	8.06	1.84	12.7	68	64	77	<1	21.7	E.08	3.8	20.8	134
16...	--	--	--	--	--	--	--	--	--	--	--	--	--

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
Part 3 of 6
[Remark codes: <, less than; E, estimated.]

Date	Residue on evap. at 180degC wat flt mg/L (70300)	Residue total at 105 deg. C, sus-pended, mg/L (00530)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia water, fltrd, mg/L as N (00608)	Ammonia water, unfltrd mg/L as N (00610)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Partic-ulate nitro-gen, susp, water, mg/L (49570)	Total nitro-gen, wat unf by anal ysis, mg/L (62855)	Total nitro-gen, water, fltrd, mg/L (00602)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, fltrd, mg/L (00666)	Phos-phorus, water, unfltrd mg/L (00665)
Oct													
04...	--	--	--	<.04	--	1.09	E.007	--	1.29	--	.057	--	.087
Dec													
08...	85	--	.23	<.04	--	.57	.221	<.02	.96	.80	.015	.024	.035
08...	--	--	--	.028	.054	--	--	--	--	--	.018	--	--
Feb													
22...	109	--	.18	E.03	--	1.04	.008	.02	1.22	1.2	.010	.021	.027
22...	--	<1	--	.058	--	--	--	--	--	--	.013	--	--
Apr													
06...	--	--	--	<.04	--	.91	.025	--	1.30	--	<.006	--	.041
Jun													
08...	89	--	.30	E.005	--	.64	.012	.12	1.53	.94	.026	.046	.065
08...	--	--	--	.061	E.027	--	--	--	--	--	.037	--	--
Aug													
16...	149	--	.31	.010	--	1.09	.010	.18	1.32	1.4	.020	.029	.048
16...	--	--	--	.019	--	--	--	--	--	--	.020	--	--

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
Part 4 of 6
[Remark codes: <, less than; E, estimated.]

Date	Total carbon, suspnd sedimnt total, mg/L (00694)	Inor-ganic carbon, suspnd sedimnt total, mg/L (00688)	Organic carbon, suspnd sedimnt total, mg/L (00689)	Organic carbon, water, fltrd, mg/L (00681)	BOD, water, unfltrd 5 day, 20 degC mg/L (00310)	COD, high level, water, unfltrd mg/L (00340)	Arsenic water, unfltrd ug/L (01002)	Barium, water, unfltrd recover-able, ug/L (01007)	Beryll-ium, water, unfltrd recover-able, ug/L (01012)	Boron, water, fltrd, ug/L (01020)	Boron, water, unfltrd recover-able, ug/L (01022)	Cadmium water, unfltrd ug/L (01027)	Chrom-ium(VI) water, fltrd, ug/L (01032)
Oct													
04...	--	--	--	--	--	--	--	--	--	--	--	--	--
Dec													
08...	.3	<.1	.3	2.5	--	30	.21	23.5	E.03	10	9	.07	--
08...	--	--	--	--	6.0	--	--	--	--	--	--	--	<5
Feb													
22...	.3	<.1	.3	1.6	--	<10	.97	24.1	<.06	12	13	.04	--
22...	--	--	--	--	<1.0	--	--	--	--	--	--	--	<5
Apr													
06...	--	--	--	--	--	--	--	--	--	--	--	--	--
Jun													
08...	1.1	<.1	1.1	3.8	--	20	.71	30.2	E.03	13	14	.05	--
08...	--	--	--	--	2.4	--	--	--	--	--	--	--	<5
Aug													
16...	1.2	<.1	1.2	2.2	--	10	.53	31.2	<.06	20	19	.04	--
16...	--	--	--	--	E1.7	--	--	--	--	--	--	--	<3

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
Part 5 of 6
[Remark codes: <, less than; E, estimated.]

Date	Chromium, water, fltrd, ug/L (01030)	Chromium, water, unfltrd recoverable, ug/L (01034)	Copper, water, fltrd, ug/L (01040)	Copper, water, unfltrd recoverable, ug/L (01042)	Iron, water, unfltrd recoverable, ug/L (01045)	Lead, water, fltrd, ug/L (01049)	Lead, water, unfltrd recoverable, ug/L (01051)	Manganese, water, unfltrd recoverable, ug/L (01055)	Mercury water, fltrd, ug/L (71890)	Mercury water, unfltrd recoverable, ug/L (71900)	Nickel, water, fltrd, ug/L (01065)	Nickel, water, unfltrd recoverable, ug/L (01067)	Selenium, water, unfltrd ug/L (01147)
Oct													
04...	--	--	--	--	--	--	--	--	--	--	--	--	--
Dec													
08...	.15	.28	1.7	1.3	164	.23	.50	23.6	<.010	<.010	1.24	1.40	.16
08...	--	--	--	--	--	--	--	--	--	--	--	--	--
Feb													
22...	.22	.43	3.1	1.2	71	.39	.18	23.7	<.010	<.010	1.35	.99	.22
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
Apr													
06...	--	--	--	--	--	--	--	--	--	--	--	--	--
Jun													
08...	.14	.64	3.7	2.1	468	.15	1.09	56.0	<.010	<.010	.94	1.13	.16
08...	--	--	--	--	--	--	--	--	--	--	--	--	--
Aug													
16...	.24	.34	--	1.8	99	.30	.39	32.9	<.010	<.010	--	1.05	.27
16...	--	--	--	--	--	--	--	--	--	--	--	--	--

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
Part 6 of 6
[Remark codes: <, less than; E, estimated.]

Date	Silver, water, unfltrd recover -able, ug/L (01077)	Zinc, water, fltrd, ug/L (01090)	Zinc, water, unfltrd recover -able, ug/L (01092)	Sus- pended sedi- ment concen- tration mg/L (80154)	Sus- pended sedi- ment dis- charge, tons/d (80155)
Oct					
04...	--	--	--	1	7.6
Dec					
08...	<.16	10.9	14	4	157
08...	--	--	--	--	--
Feb					
22...	<.16	12.7	10	3	96
22...	--	--	--	--	--
Apr					
06...	--	--	--	2	36
Jun					
08...	<.16	3.5	8	18	646
08...	--	--	--	--	--
Aug					
16...	<.16	--	5	3	35
16...	--	--	--	--	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
Part 1 of 3
[Remark codes: <, less than.]

Date	Time	1,1,1-Tri- chloro- ethane, water, unfltrd ug/L (34506)	CFC-113 water, unfltrd ug/L (77652)	1,1-Di- chloro- ethane, water, unfltrd ug/L (34496)	1,1-Di- chloro- ethene, water, unfltrd ug/L (34501)	1,2-Di- chloro- benzene water, unfltrd ug/L (34536)	1,2-Di- chloro- ethane, water, unfltrd ug/L (32103)	1,2-Di- chloro- propane water, unfltrd ug/L (34541)	1,3-Di- chloro- benzene water, unfltrd ug/L (34566)	1,4-Di- chloro- benzene water, unfltrd ug/L (34571)	Benzene water, unfltrd ug/L (34030)	Bromo- di- chloro- methane water, unfltrd ug/L (32101)	Chloro- benzene water, unfltrd ug/L (34301)
Dec													
08...	0900	<.1	<.1	<.1	<.1	<.1	<.2	<.1	<.1	<.1	<.1	<.1	<.1
Feb													
22...	0930	<.1	<.1	<.1	<.1	<.1	<.2	<.1	<.1	<.1	<.1	<.1	<.1
Jun													
08...	0930	<.1	<.1	<.1	<.1	<.1	<.2	<.1	<.1	<.1	<.1	<.1	<.1
Aug													
16...	0900	<.1	<.1	<.1	<.1	<.1	<.2	<.1	<.1	<.1	<.1	<.1	<.1

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
Part 2 of 3
[Remark codes: <, less than.]

Date	cis-1,2-Dichloroethene, water, unfltrd ug/L (77093)	Dibromochloromethane water, unfltrd ug/L (32105)	Dichlorodifluoromethane wat unf ug/L (34668)	Dichloromethane water, unfltrd ug/L (34423)	Diethyl ether, water, unfltrd ug/L (81576)	Diisopropyl ether, water, unfltrd ug/L (81577)	Ethylbenzene water, unfltrd ug/L (34371)	Methyl tert-pentyl ether, water, unfltrd ug/L (50005)	meta- + para-Xylene, water, unfltrd ug/L (85795)	o-Xylene, water, unfltrd ug/L (77135)	Styrene water, unfltrd ug/L (77128)	t-Butyl ethyl ether, water, unfltrd ug/L (50004)	Methyl t-butyl ether, water, unfltrd ug/L (78032)
Dec													
08...	<.1	<.2	<.2	<.2	<.2	<.2	<.1	<.2	<.2	<.1	<.1	<.1	<.2
Feb													
22...	<.1	<.2	<.2	<.2	<.2	<.2	<.1	<.2	<.2	<.1	<.1	<.1	<.2
Jun													
08...	<.1	<.2	<.2	<.2	<.2	<.2	<.1	<.2	<.2	<.1	<.1	<.1	<.2
Aug													
16...	<.1	<.2	<.2	<.2	<.2	<.2	<.1	<.2	<.2	<.1	<.1	<.1	<.2

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
Part 3 of 3
[Remark codes: <, less than.]

Date	Tetrachloroethene, water, unfltrd ug/L (34475)	Tetrachloromethane water, unfltrd ug/L (32102)	Toluene water, unfltrd ug/L (34010)	trans-1,2-Dichloroethene, water, unfltrd ug/L (34546)	Tribromomethane water, unfltrd ug/L (32104)	Trichloroethene, water, unfltrd ug/L (39180)	Trichlorofluoromethane water, unfltrd ug/L (34488)	Trichloromethane water, unfltrd ug/L (32106)	Vinyl chloride, water, unfltrd ug/L (39175)
Dec									
08...	<.1	<.2	<.1	<.1	<.2	<.1	<.2	<.1	<.2
Feb									
22...	<.1	<.2	<.1	<.1	<.2	<.1	<.2	<.1	<.2
Jun									
08...	<.1	<.2	<.1	<.1	<.2	<.1	<.2	<.1	<.2
Aug									
16...	<.1	<.2	<.1	<.1	<.2	<.1	<.2	<.1	<.2

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
Part 1 of 9
[Remark codes: <, less than; E, estimated.]

Date	Time	Sample type	1-Naphthol, water, fltrd 0.7u GF ug/L (49295)	2,6-Diethylaniline water, fltrd 0.7u GF ug/L (82660)	2Chloro-2',6'-diethyl acetanilide wat flt ug/L (61618)	CIAT, water, fltrd, ug/L (04040)	2-Ethyl-6-methylaniline water, fltrd, ug/L (61620)	3,4-Dichloroaniline water, fltrd, ug/L (61625)	3,5-Dichloroaniline water, fltrd, ug/L (61627)	4-Chloro-2methyl phenol, water, fltrd, ug/L (61633)	Acetochlor, water, fltrd, ug/L (49260)	Alachlor, water, fltrd, ug/L (46342)
Oct												
04...	0930	Environmental	<.09	<.006	<.005	E.026	<.004	<.004	<.004	<.006	<.006	<.005
Dec												
08...	0900	Environmental	<.09	<.006	<.005	E.008	<.004	<.004	<.004	<.006	<.006	<.005
Feb												
22...	0930	Environmental	<.09	<.006	<.005	E.014	<.004	<.004	<.004	<.006	<.006	<.005
Apr												
06...	*0859*	*Field Blank*	*<.09*	*<.006*	*<.006*	*<.014*	*<.010*	*<.004*	*<.012*	*<.005*	*<.006*	*<.005*
06...	0900	Environmental	<.09	<.006	<.006	E.019	<.010	<.004	<.012	<.005	<.006	<.005
Jun												
08...	0930	Environmental	<.09	<.006	<.006	E.022	<.010	<.004	<.012	<.005	.018	<.005
Aug												
16...	0900	Environmental	<.09	<.006	<.006	E.023	<.010	E.005	<.012	<.005	<.006	<.005

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
Part 2 of 9
[Remark codes: <, less than; E, estimated.]

Date	Aldrin, water, unfltrd ug/L (39330)	alpha-Endosulfan, water, fltrd, ug/L (34362)	alpha-Endosulfan, water, unfltrd ug/L (34361)	alpha-HCH, water, unfltrd ug/L (39337)	Aroclor 1221, water, unfltrd ug/L (39488)	Aroclor 1232, water, unfltrd ug/L (39492)	Aroclor 1248, water, unfltrd ug/L (39500)	Aroclor 1254, water, unfltrd ug/L (39504)	Aroclor 1260, water, unfltrd ug/L (39508)	Atrazine, water, fltrd, ug/L (39632)	Azinphosmethyl oxon, water, fltrd, ug/L (61635)	Azinphosmethyl, water, fltrd 0.7u GF ug/L (82686)	Benfluralin, water, fltrd 0.7u GF ug/L (82673)
Oct													
04...	--	<.005	--	--	--	--	--	--	--	.014	<.07	<.050	<.010
Dec													
08...	<.20	<.005	<.5	<.15	<5	<.5	<.5	<.5	<.5	.008	<.07	<.050	<.010
Feb													
22...	<.20	<.005	<.5	<.15	<5	<.5	<.5	<.5	<.5	.011	<.07	<.050	<.010
Apr													
06...	--	*<.011*	--	--	--	--	--	--	--	*<.007*	*<.04*	*<.050*	*<.010*
06...	--	<.011	--	--	--	--	--	--	--	.012	<.04	<.050	<.010
Jun													
08...	<.04	<.011	<.1	<.03	<1	<.1	<.1	<.1	<.1	.085	--	<.050	<.010
Aug													
16...	<.04	<.011	<.1	<.03	<1	<.1	<.1	<.1	<.1	.016	<.04	<.050	<.010

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
Part 3 of 9
[Remark codes: <, less than; E, estimated.]

Date	beta-Endosulfan, water, unfltrd ug/L (34356)	beta-HCH, water, unfltrd ug/L (39338)	Carbaryl, water, fltrd 0.7u GF ug/L (82680)	Carbofuran, water, fltrd 0.7u GF ug/L (82674)	Chlordane, technical, water, unfltrd ug/L (39350)	Chlorpyrifos oxon, water, fltrd, ug/L (61636)	Chlorpyrifos water, fltrd, ug/L (38933)	cis-Chlordane, water, unfltrd ug/L (39062)	cis-Permethrin water fltrd 0.7u GF ug/L (82687)	cis-Propiconazole, water, fltrd, ug/L (79846)	Cyanazine, water, fltrd, ug/L (04041)	Cyfluthrin, water, fltrd, ug/L (61585)	lambda-Cyhalothrin, water, fltrd, ug/L (61595)
Oct													
04...	--	--	<.041	<.020	--	<.06	<.005	--	<.006	<.008	<.018	<.027	<.009
Dec													
08...	<.20	<.15	<.041	<.020	<.5	<.06	<.005	<.5	<.006	<.008	<.018	<.027	<.009
Feb													
22...	<.20	<.15	<.041	<.020	<.5	<.06	<.005	<.5	<.006	<.008	<.018	<.027	<.009
Apr													
06...	--	--	*<.041*	*<.020*	--	*<.06*	*<.005*	--	*<.006*	*<.013*	*<.018*	*<.053*	*<.014*
06...	--	--	<.041	<.020	--	<.06	<.005	--	<.006	<.013	<.018	<.053	<.014
Jun													
08...	<.04	<.03	E.027	<.020	<.1	<.06	E.005	<.1	<.006	E.004	<.018	<.053	<.014
Aug													
16...	<.04	<.03	<.041	<.020	<.1	<.06	<.005	<.1	<.006	<.013	<.018	<.053	<.014

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
Part 4 of 9
[Remark codes: <, less than; E, estimated.]

Date	Cypermethrin water, fltrd, ug/L (61586)	DCPA, water, fltrd 0.7u GF ug/L (82682)	delta-HCH, water, unfltrd ug/L (34259)	Desulfinyl fipronil, water, fltrd, ug/L (62170)	Diazinon, water, fltrd, ug/L (39572)	Dicrotophos, water, fltrd, ug/L (38454)	Dieldrin, water, fltrd, ug/L (39381)	Dieldrin, water, unfltrd ug/L (39380)	Dimethoate, water, fltrd 0.7u GF ug/L (82662)	Disulfoton sulfone water, fltrd, ug/L (61640)	Disulfoton, water, fltrd 0.7u GF ug/L (82677)	Endosulfan sulfate water, fltrd, ug/L (61590)	Endosulfan sulfate water, unfltrd ug/L (34351)
Oct													
04...	<.009	<.003	--	E.008	<.005	<.08	<.009	--	<.006	<.01	<.02	<.014	--
Dec													
08...	<.009	<.003	<.45	<.012	<.005	<.08	<.009	<.10	<.006	<.01	<.02	<.014	<3.0
Feb													
22...	<.009	<.003	<.45	<.012	<.005	<.08	<.009	<.10	<.006	<.01	<.02	<.014	<3.0
Apr													
06...	*<.046*	*<.003*	--	*<.012*	*<.005*	*<.08*	*<.009*	--	*<.006*	*<.01*	*<.02*	*<.022*	--
06...	<.046	<.003	--	<.012	<.005	<.08	<.009	--	<.006	<.01	<.02	<.022	--
Jun													
08...	<.046	<.003	<.09	<.012	<.005	<.08	<.009	<.02	<.006	<.01	<.02	<.022	<.6
Aug													
16...	<.046	<.003	<.09	E.008	<.005	<.08	<.009	<.02	<.006	<.01	<.02	<.022	<.6

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
Part 5 of 9
[Remark codes: <, less than; E, estimated.]

Date	Endrin aldehyde, water, unfltrd ug/L (34366)	Endrin, water, unfltrd ug/L (39390)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethion monoxon water, fltrd, ug/L (61644)	Ethion, water, fltrd, ug/L (82346)	Ethoprop, water, fltrd 0.7u GF ug/L (82672)	Fenamiphos sulfone water, fltrd, ug/L (61645)	Fenamiphos sulfoxide, water, fltrd, ug/L (61646)	Fenamiphos, water, fltrd, ug/L (61591)	Desulfinylfipronil amide, wat flt ug/L (62169)	Fipronil sulfide water, fltrd, ug/L (62167)	Fipronil sulfone water, fltrd, ug/L (62168)	Fipronil, water, fltrd, ug/L (62166)
Oct													
04...	--	--	<.004	<.002	<.004	<.005	<.049	<.04	<.03	<.029	<.013	<.024	<.020
Dec													
08...	<1.0	<.30	<.004	<.002	<.004	<.005	<.049	<.04	<.03	<.029	<.013	<.024	<.016
Feb													
22...	<1.0	<.30	<.004	<.002	<.004	<.005	<.049	<.04	<.03	<.029	<.013	<.024	<.016
Apr													
06...	--	--	*<.004*	*<.02*	*<.016*	*<.012*	*<.053*	*<.04*	*<.03*	*<.029*	*<.013*	*<.024*	*<.016*
06...	--	--	<.004	<.02	<.016	<.012	<.053	<.04	<.03	<.029	<.013	<.024	<.016
Jun													
08...	<.2	<.06	<.004	<.02	<.016	<.012	<.053	<.04	<.03	<.029	<.013	<.024	E.006
Aug													
16...	<.2	<.06	<.004	<.02	<.016	<.012	<.053	<.04	<.03	<.029	<.013	<.024	E.009

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
Part 6 of 9
[Remark codes: <, less than; E, estimated.]

Date	Fonofos water, fltrd, ug/L (04095)	Heptachlor epoxide water, unfltrd ug/L (39420)	Heptachlor, water, unfltrd ug/L (39410)	Hexazinone, water, fltrd, ug/L (04025)	Iprodione, water, fltrd, ug/L (61593)	Isofenphos, water, fltrd, ug/L (61594)	Lindane water, unfltrd ug/L (39340)	Malaoxon, water, fltrd, ug/L (61652)	Malathion, water, fltrd, ug/L (39532)	Metalaxyl, water, fltrd, ug/L (61596)	Methialthion water, fltrd, ug/L (61598)	Methyl paraoxon, water, fltrd, ug/L (61664)	Methyl parathion, water, fltrd 0.7u GF ug/L (82667)
Oct													
04...	<.003	--	--	<.013	<.538	<.003	--	<.030	<.027	<.015	<.006	<.03	<.015
Dec													
08...	<.003	<4.0	<.15	<.013	<.538	<.003	<.15	<.030	<.027	<.005	<.006	<.03	<.015
Feb													
22...	<.003	<4.0	<.15	<.013	<.538	<.003	<.15	<.030	<.027	<.005	<.006	<.03	<.015
Apr													
06...	*<.005*	--	--	*<.026*	*<.026*	*<.011*	--	*<.039*	*<.027*	*<.007*	*<.009*	*<.02*	*<.015*
06...	<.005	--	--	<.026	<.026	<.011	--	<.039	<.027	<.007	<.009	<.02	<.015
Jun													
08...	<.005	<.8	<.03	<.026	<.026	<.011	<.03	<.039	<.027	.017	<.009	<.02	<.015
Aug													
16...	<.005	<.8	<.03	<.026	<.026	<.011	<.03	<.039	<.027	<.007	<.009	<.02	<.015

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
Part 7 of 9
[Remark codes: <, less than; E, estimated.]

Date	Metolachlor, water, fltrd, ug/L (39415)	Metribuzin, water, fltrd, ug/L (82630)	Molinate, water, fltrd 0.7u GF ug/L (82671)	Myclobutanil water, fltrd, ug/L (61599)	Oxyfluorfen, water, fltrd, ug/L (61600)	p,p'-DDD, water, unfltrd ug/L (39310)	p,p'-DDE, water, unfltrd ug/L (39320)	p,p'-DDT, water, unfltrd ug/L (39300)	Pendimethalin, water, fltrd 0.7u GF ug/L (82683)	Phorate oxon, water, fltrd, ug/L (61666)	Phorate water, fltrd 0.7u GF ug/L (82664)	Phosmet oxon, water, fltrd, ug/L (61668)	Phosmet water, fltrd, ug/L (61601)
Oct													
04...	.010	<.015	<.003	<.008	<.007	--	--	--	<.022	<.10	<.011	<.05	<.008
Dec													
08...	E.005	<.006	<.003	<.008	<.007	<.5	<.20	<.5	<.022	<.10	<.011	--	--
Feb													
22...	.008	<.006	<.003	<.008	<.007	<.5	<.20	<.5	<.022	<.10	<.011	--	--
Apr													
06...	*<.006*	*<.028*	*<.003*	*<.033*	*<.017*	--	--	--	*<.022*	*<.03*	*<.055*	*<.05*	*<.008*
06...	E.008	<.028	<.003	<.033	<.017	--	--	--	<.022	<.03	<.055	<.05	<.008
Jun													
08...	.046	E.007	<.003	<.033	<.017	<.1	<.04	<.1	<.000	<.03	<.055	--	--
Aug													
16...	.010	<.028	<.003	<.033	<.017	<.1	<.04	<.1	<.022	<.03	<.055	<.05	<.008

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
Part 8 of 9
[Remark codes: <, less than; E, estimated.]

Date	Prometon, water, fltrd, ug/L (04037)	Prometryn, water, fltrd, ug/L (04036)	Propyzamide, water, fltrd 0.7u GF ug/L (82676)	Propanil, water, fltrd 0.7u GF ug/L (82679)	Propargite, water, fltrd 0.7u GF ug/L (82685)	Simazine, water, fltrd, ug/L (04035)	Tebuthiuron water, fltrd 0.7u GF ug/L (82670)	Tefluthrin, water, fltrd, ug/L (61606)	Terbufos oxon sulfone water, fltrd, ug/L (61674)	Terbufos, water, fltrd 0.7u GF ug/L (82675)	Terbuthylazine, water, fltrd, ug/L (04022)	Thiobencarb water, fltrd 0.7u GF ug/L (82681)	Toxaphene, water, unfltrd ug/L (39400)
Oct													
04...	<.01	<.005	<.004	<.011	<.02	<.020	<.02	<.008	<.07	<.02	<.01	<.010	--
Dec													
08...	<.02	<.005	<.004	<.011	<.02	E.005	<.02	<.008	<.07	<.02	<.01	<.010	<10
Feb													
22...	<.01	<.005	<.004	<.011	<.02	.012	<.02	<.008	<.07	<.02	<.01	<.010	<10
Apr													
06...	*<.01*	*<.006*	*<.004*	*<.011*	*<.02*	*<.005*	*<.02*	*<.003*	*<.04*	*<.02*	*<.01*	*<.010*	--
06...	E.01	<.006	<.004	<.011	<.02	E.005	<.02	<.003	<.04	<.02	<.01	<.010	--
Jun													
08...	<.01	<.006	<.004	<.011	<.02	.017	<.02	<.003	<.04	<.02	<.01	<.010	<2
Aug													
16...	E.01	<.006	<.004	<.011	<.02	.008	<.02	<.003	<.04	<.02	<.01	<.010	<2

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
Part 9 of 9
[Remark codes: <, less than; E, estimated.]

Date	trans-Chlordane, water, unfltrd ug/L (39065)	trans-Propiconazole, water, fltrd, ug/L (79847)	Tribuphos, water, fltrd, ug/L (61610)	Trifluralin, water, fltrd 0.7u GF ug/L (82661)	Dichlorvos, water, fltrd, ug/L (38775)
Oct					
04...	--	<.01	<.030	<.009	<.01
Dec					
08...	<.5	<.01	<.004	<.009	<.01
Feb					
22...	<.5	<.01	<.004	<.009	<.01
Apr					
06...	--	*<.03*	*<.035*	*<.009*	*<.01*
06...	--	<.03	<.035	<.009	<.01
Jun					
08...	<.1	E.01	<.035	E.005	<.01
Aug					
16...	<.1	<.03	<.035	<.009	<.01

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
[Remark codes: <, less than.]

Date	Time	Instantaneous discharge, cfs (00061)	Temperature, water, deg C (00010)	Enterococci, m-E MF, water, col/100 mL (31649)	E coli, m-TEC MF, water, col/100 mL (31633)	Fecal coliform, ECbroth water, MPN/100 mL (31615)
May						
03...	1002	11,500	10.2	<10	10	<20
10...	1055	6,950	15.8	10	60	<20
17...	1301	15,700	16.7	240	140	500
24...	0922	11,700	15.2	10	20	40
30...	1000	8,980	21.6	10	10	20

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	10.3	8.6	9.5	10.8	10.3	10.6	12.1	10.8	11.5	13.4	11.7	12.6
2	10.4	8.6	9.5	10.6	10.4	10.5	11.9	11.5	11.7	13.6	11.9	13.0
3	10.2	8.4	9.4	10.7	10.3	10.5	12.4	11.6	12.1	13.0	11.9	12.6
4	10.0	8.1	9.2	10.6	10.1	10.4	12.8	12.1	12.4	12.9	11.8	12.6
5	10.3	8.4	9.4	10.6	10.2	10.3	13.5	12.6	13.1	12.8	12.2	12.7
6	10.3	8.3	9.3	10.5	10.1	10.3	13.8	13.2	13.5	12.8	12.1	12.6
7	9.8	8.3	9.1	10.4	10.0	10.2	14.3	13.5	13.8	13.2	12.6	12.9
8	8.9	8.0	8.4	10.6	10.0	10.2	14.6	13.8	14.1	13.5	12.9	13.2
9	8.8	8.0	8.4	10.3	10.0	10.2	14.5	13.9	14.2	13.6	13.0	13.3
10	9.3	8.7	9.1	10.5	10.1	10.3	14.6	14.1	14.4	13.7	13.0	13.3
11	9.5	9.2	9.3	11.0	10.3	10.7	14.5	13.9	14.2	13.6	12.9	13.3
12	10.0	9.4	9.6	11.4	10.8	11.1	14.6	14.0	14.2	13.1	12.6	12.9
13	9.9	9.5	9.7	11.6	11.1	11.3	14.8	14.0	14.4	13.1	12.6	12.9
14	9.9	9.2	9.5	11.7	11.0	11.4	15.3	14.6	14.9	12.8	12.3	12.6
15	9.2	8.6	9.1	11.7	10.9	11.3	15.2	14.8	15.0	13.1	12.2	12.5
16	9.2	8.6	8.9	11.3	10.5	10.9	14.9	14.2	14.5	14.1	12.9	13.6
17	9.0	8.3	8.7	12.0	10.5	11.2	14.2	13.7	14.0	14.8	14.1	14.6
18	---	---	---	12.5	11.6	12.0	14.5	13.5	14.0	14.7	13.4	14.1
19	---	---	---	12.8	12.1	12.4	14.3	13.4	13.9	13.5	11.7	12.7
20	---	---	---	13.3	12.2	12.8	14.1	13.2	13.6	13.5	10.0	12.2
21	---	---	---	13.3	12.3	12.8	14.7	13.7	14.2	13.5	10.6	12.8
22	---	---	---	12.9	12.2	12.6	14.7	14.2	14.4	13.4	12.5	13.2
23	---	---	---	13.4	12.1	12.7	14.4	13.9	14.1	13.3	12.1	13.1
24	---	---	---	13.5	12.6	13.1	14.0	13.1	13.7	13.2	12.8	13.1
25	10.0	9.2	9.8	14.2	12.8	13.5	13.9	12.9	13.4	13.2	12.9	13.1
26	10.5	9.1	9.8	14.8	13.6	14.2	13.4	12.5	12.9	13.5	12.9	13.2
27	10.8	10.2	10.6	14.7	13.7	14.2	13.2	12.5	12.8	14.1	13.3	13.7
28	11.2	10.7	11.0	14.3	13.4	13.8	13.4	12.5	12.9	14.3	13.6	13.9
29	10.9	10.6	10.8	13.7	12.3	13.1	13.4	12.2	12.9	13.8	13.4	13.7
30	10.8	10.6	10.7	12.5	11.4	11.9	13.3	11.7	12.5	---	---	---
31	10.9	10.5	10.7	---	---	---	13.1	11.7	12.4	13.2	12.9	13.0
Month	---	---	---	14.8	10.0	11.7	15.3	10.8	13.5	---	---	---

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	13.0	12.8	12.9	15.8	14.1	14.9	13.0	9.9	11.5	11.4	10.2	10.8
2	13.4	13.0	13.2	14.8	13.8	14.2	13.2	8.7	11.0	11.3	10.1	10.7
3	13.2	12.7	13.0	15.9	13.7	14.7	11.1	8.1	9.9	11.3	9.9	10.6
4	12.8	12.4	12.7	16.5	14.3	15.4	12.9	7.6	10.1	11.3	9.8	10.6
5	12.7	12.4	12.5	16.8	14.4	15.6	12.4	9.3	10.6	11.2	9.4	10.4
6	13.0	12.3	12.7	17.1	14.1	15.6	13.6	9.8	11.6	11.4	9.4	10.4
7	13.4	13.0	13.2	17.4	14.0	15.7	12.4	10.2	11.1	---	---	---
8	13.5	13.3	13.4	17.6	14.0	15.7	11.1	9.3	10.2	---	---	---
9	13.8	13.4	13.6	17.1	13.4	15.1	13.5	9.6	11.5	---	---	---
10	14.1	13.6	13.9	16.9	13.0	15.1	13.8	10.3	12.0	---	---	---
11	14.1	13.8	13.9	17.7	12.4	15.1	14.3	9.7	11.6	---	---	---
12	14.4	13.7	14.0	14.7	11.9	13.1	13.6	9.6	11.5	---	---	---
13	14.5	14.0	14.3	17.0	11.5	14.1	14.3	8.8	11.6	---	---	---
14	14.3	13.9	14.1	15.9	11.5	13.5	11.5	9.3	10.5	---	---	---
15	14.5	13.8	14.1	15.7	11.5	13.5	13.5	8.7	10.9	---	---	---
16	13.8	13.4	13.6	16.3	12.0	14.0	13.7	8.8	11.2	9.3	8.5	8.9
17	13.4	12.8	13.1	16.8	12.2	14.3	13.2	8.8	11.0	9.4	8.7	9.0
18	13.2	12.8	13.0	16.8	12.8	14.6	13.2	8.5	10.9	9.5	8.5	8.9
19	---	---	---	17.1	12.9	14.8	12.8	8.6	10.7	9.8	8.2	9.0
20	---	---	---	17.1	13.2	14.9	12.8	8.2	10.4	9.9	9.1	9.4
21	14.6	13.7	14.2	17.8	13.6	15.5	11.8	7.7	9.9	9.9	8.9	9.4
22	14.6	13.9	14.3	17.6	13.7	15.5	9.7	8.1	8.6	10.2	9.1	9.6
23	14.3	13.6	14.0	17.8	13.7	15.6	9.7	8.4	9.0	10.4	9.4	9.8
24	14.5	13.5	14.0	16.6	13.5	15.0	9.9	9.2	9.6	10.6	9.2	9.9
25	14.9	13.6	14.2	16.2	13.0	14.6	10.2	9.5	9.8	10.1	9.2	9.7
26	15.1	13.7	14.4	16.7	12.5	14.5	10.6	9.6	10.2	10.0	8.8	9.4
27	15.7	14.1	14.9	16.9	12.8	14.8	10.5	9.8	10.2	10.0	8.9	9.4
28	15.9	14.4	15.1	15.8	12.7	14.2	11.0	10.0	10.5	10.1	8.8	9.4
29	---	---	---	16.0	12.2	14.0	11.1	10.3	10.6	10.0	8.5	9.2
30	---	---	---	15.5	11.5	13.5	11.1	10.3	10.7	9.6	8.0	8.8
31	---	---	---	14.7	11.2	12.9	---	---	---	9.5	7.6	8.5
Month	---	---	---	17.8	11.2	14.6	14.3	7.6	10.6	---	---	---

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	9.2	7.2	8.2	8.8	8.5	8.7	---	---	---	8.7	8.5	8.6
2	7.7	6.9	7.2	8.8	8.7	8.8	---	---	---	8.8	8.7	8.8
3	7.6	7.0	7.3	8.7	8.6	8.7	---	---	---	8.8	8.7	8.8
4	7.9	7.2	7.6	8.6	8.3	8.5	---	---	---	9.0	8.6	8.8
5	8.4	7.6	8.0	8.5	8.3	8.4	---	---	---	8.9	8.6	8.8
6	8.9	8.0	8.4	8.5	8.3	8.4	---	---	---	9.2	8.7	8.9
7	8.6	8.0	8.3	8.7	8.4	8.6	---	---	---	9.3	8.6	8.9
8	8.9	8.2	8.5	8.7	8.4	8.6	11.5	7.2	9.2	9.2	8.4	8.8
9	9.1	8.3	8.6	8.8	8.2	8.5	11.7	7.6	9.5	9.3	8.3	8.8
10	9.2	8.3	8.7	8.8	8.2	8.5	---	---	---	9.2	8.2	8.7
11	9.6	8.5	9.0	9.1	8.0	8.5	---	---	---	9.4	8.2	8.8
12	9.4	8.5	9.0	9.3	7.9	8.5	12.8	8.0	10.3	9.7	8.5	9.1
13	9.8	8.7	9.3	9.1	7.8	8.3	12.8	8.2	10.4	9.6	8.6	9.1
14	9.6	8.4	9.0	9.4	7.8	8.5	12.5	8.2	10.3	9.4	8.7	9.0
15	9.6	8.4	9.0	9.7	7.7	8.7	11.1	7.9	9.4	9.1	8.7	8.8
16	9.9	8.3	9.1	9.5	7.8	8.5	---	---	---	9.0	8.7	8.8
17	9.8	8.1	9.0	9.2	7.5	8.3	11.1	7.9	9.4	9.0	8.8	8.9
18	9.9	8.1	8.9	9.8	7.4	8.5	10.9	7.9	9.4	8.8	8.5	8.7
19	9.9	7.7	8.7	10.6	7.3	8.8	10.5	7.9	9.2	8.6	8.4	8.5
20	9.3	7.3	8.3	10.2	7.2	8.5	10.4	7.6	9.0	8.9	8.4	8.6
21	9.2	6.7	8.0	10.6	7.3	8.8	---	---	---	9.2	8.4	8.8
22	9.1	7.0	8.1	8.5	6.6	7.1	10.5	7.6	9.0	9.4	8.8	9.1
23	9.1	7.0	8.1	8.2	6.8	7.4	---	---	---	9.3	8.9	9.1
24	8.4	6.7	7.4	9.5	7.2	8.1	---	---	---	9.1	8.6	8.9
25	7.4	6.9	7.1	10.2	7.3	8.6	9.4	7.4	8.3	9.4	8.5	9.0
26	8.2	7.3	7.7	10.5	7.4	8.8	8.4	7.6	8.0	9.6	8.7	9.1
27	8.4	7.6	8.0	10.3	7.3	8.6	8.8	7.7	8.2	9.6	8.8	9.2
28	8.4	7.8	8.3	8.6	7.0	7.9	9.1	7.9	8.4	10.1	8.9	9.5
29	8.8	8.3	8.6	9.9	7.0	8.4	8.3	7.9	8.1	9.9	9.0	9.4
30	9.5	8.4	8.7	9.4	7.0	8.2	8.5	8.0	8.2	10.1	9.2	9.6
31	---	---	---	---	---	---	8.5	8.1	8.3	---	---	---
Month	9.9	6.7	8.3	---	---	---	---	---	---	10.1	8.2	8.9

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	113	90	102	96	91	93	106	94	99	100	88	94
2	115	91	103	95	92	93	101	96	98	101	89	97
3	114	90	103	96	91	94	100	95	98	98	89	96
4	112	89	102	96	90	94	99	94	97	98	90	96
5	117	92	105	97	92	94	103	97	100	99	93	97
6	118	92	105	98	92	94	104	99	102	100	94	97
7	113	94	104	98	92	95	106	100	103	101	97	99
8	102	90	96	98	91	94	107	100	103	103	98	100
9	92	87	90	95	92	94	105	100	102	104	99	101
10	96	90	94	97	93	94	105	100	102	106	100	103
11	98	94	96	98	93	95	103	99	101	106	101	103
12	102	96	98	100	94	97	104	99	101	103	98	101
13	99	95	97	101	95	98	105	99	101	103	99	101
14	98	91	94	104	96	100	106	101	103	102	97	100
15	93	86	91	104	95	100	105	102	104	100	95	97
16	92	86	89	105	96	100	104	102	103	102	97	100
17	89	82	86	108	95	101	103	99	102	106	102	104
18	---	---	---	107	100	104	105	97	101	106	101	104
19	---	---	---	108	101	104	104	97	101	102	88	96
20	---	---	---	110	100	105	101	95	98	101	75	91
21	---	---	---	108	100	104	104	97	100	102	79	97
22	---	---	---	105	98	102	104	101	102	102	96	101
23	---	---	---	107	96	101	104	100	101	102	93	100
24	---	---	---	107	99	103	104	98	101	101	98	100
25	90	85	88	109	98	103	103	96	100	101	98	100
26	93	81	87	111	102	106	101	95	98	103	99	101
27	95	89	93	112	102	107	100	95	98	106	102	104
28	97	93	95	112	105	108	102	95	98	108	102	105
29	94	92	93	112	104	108	101	93	98	103	101	102
30	95	91	93	107	99	104	102	90	96	---	---	---
31	96	92	94	---	---	---	100	89	95	103	100	102
Month	---	---	---	112	90	100	107	89	100	---	---	---

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	102	100	101	120	104	112	128	96	111	114	99	106
2	105	101	103	111	102	106	132	83	107	114	99	106
3	104	101	102	119	100	108	109	76	95	117	99	108
4	102	100	101	124	104	113	124	71	95	121	100	110
5	103	99	100	129	106	117	116	87	99	121	99	110
6	102	98	100	133	107	119	128	89	107	125	100	111
7	104	100	102	139	107	122	114	92	101	---	---	---
8	104	101	103	142	108	124	99	85	92	---	---	---
9	106	102	103	141	108	123	123	84	102	---	---	---
10	106	102	104	147	107	128	127	92	109	---	---	---
11	106	103	104	159	107	133	135	88	107	---	---	---
12	105	101	103	130	105	115	132	89	109	---	---	---
13	108	103	105	155	100	126	144	84	114	---	---	---
14	108	103	105	149	105	124	115	92	104	---	---	---
15	110	103	107	139	102	119	139	85	110	---	---	---
16	109	102	105	142	102	121	142	88	114	96	86	90
17	106	102	104	146	104	123	137	88	112	96	87	91
18	104	101	102	143	108	124	139	85	112	98	85	91
19	---	---	---	142	106	122	137	88	112	101	83	92
20	---	---	---	142	107	122	139	84	110	101	91	95
21	110	102	106	146	108	126	126	80	104	101	89	95
22	109	103	106	146	110	126	100	82	87	103	90	96
23	110	103	106	150	111	129	94	81	87	106	93	98
24	112	103	107	140	111	125	96	88	93	110	92	101
25	116	103	109	137	108	122	98	90	94	105	94	100
26	115	103	108	143	104	123	101	91	97	106	91	99
27	116	104	110	149	107	127	101	92	97	109	93	101
28	119	105	112	138	109	124	107	94	100	113	95	104
29	---	---	---	147	106	125	109	97	102	116	94	104
30	---	---	---	146	103	124	111	99	104	116	92	103
31	---	---	---	142	102	122	---	---	---	117	90	102
Month	---	---	---	159	100	122	144	71	103	---	---	---

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	115	86	100	97	92	95	---	---	---	95	93	94
2	95	84	88	98	96	97	---	---	---	95	93	94
3	89	82	86	99	96	97	---	---	---	97	93	95
4	90	82	87	98	95	97	---	---	---	100	94	96
5	95	85	90	98	94	96	---	---	---	97	94	95
6	100	89	94	96	93	95	---	---	---	102	94	97
7	95	89	92	99	95	97	---	---	---	105	94	99
8	99	89	93	100	96	98	150	90	117	105	93	99
9	102	91	95	104	95	99	151	94	119	108	93	100
10	101	90	95	104	94	99	---	---	---	106	93	99
11	104	91	98	109	93	100	---	---	---	108	93	100
12	102	91	97	112	94	102	161	96	127	110	94	101
13	110	94	101	110	93	100	160	97	127	106	94	100
14	108	93	100	116	93	103	156	97	126	103	94	99
15	110	93	101	119	93	106	138	95	115	99	94	96
16	114	93	103	119	94	104	---	---	---	97	93	95
17	114	92	103	116	92	104	140	95	116	97	95	96
18	120	93	105	127	93	108	137	95	115	97	92	95
19	121	92	105	137	91	111	132	95	113	95	92	94
20	114	88	100	130	90	108	133	93	112	98	91	94
21	115	81	97	137	92	112	---	---	---	100	90	95
22	114	85	100	108	80	87	134	92	112	101	92	96
23	115	86	101	102	83	91	---	---	---	99	94	96
24	105	83	91	119	87	100	---	---	---	98	91	95
25	89	83	85	127	90	106	116	90	102	102	91	96
26	98	87	91	132	90	109	103	91	96	104	92	98
27	97	86	92	131	90	108	103	90	95	102	93	98
28	93	87	92	109	87	99	108	91	98	108	93	100
29	97	91	94	128	87	106	97	92	93	105	95	100
30	105	92	95	122	88	105	96	91	93	105	95	99
31	---	---	---	---	---	---	96	91	93	---	---	---
Month	121	81	96	---	---	---	---	---	---	110	90	97

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
		October			November			December			January	
1	8.6	8.0	8.4	7.6	7.6	7.6	7.6	7.4	7.5	8.2	8.0	8.1
2	8.6	8.0	8.4	7.7	7.6	7.7	7.7	7.4	7.5	8.1	8.1	8.1
3	8.7	8.0	8.4	7.7	7.6	7.7	7.5	7.4	7.5	8.1	7.9	8.0
4	8.6	7.9	8.4	7.8	7.7	7.7	7.4	7.3	7.3	8.0	7.8	7.9
5	8.6	7.9	8.4	7.8	7.7	7.7	7.3	7.3	7.3	8.0	7.9	7.9
6	8.6	7.9	8.4	7.8	7.6	7.7	7.4	7.3	7.3	7.9	7.9	7.9
7	8.4	7.8	8.2	7.9	7.7	7.8	7.4	7.4	7.4	8.0	7.9	7.9
8	8.1	7.2	7.6	7.9	7.8	7.8	7.5	7.4	7.4	8.0	7.9	7.9
9	7.4	7.2	7.2	7.9	7.8	7.8	7.5	7.5	7.5	7.9	7.9	7.9
10	7.2	7.1	7.1	8.0	7.8	7.9	7.5	7.5	7.5	8.0	7.9	7.9
11	7.2	7.0	7.1	8.0	7.8	7.9	7.6	7.5	7.6	8.0	7.9	7.9
12	7.3	6.9	7.1	7.9	7.8	7.8	7.6	7.6	7.6	8.0	7.9	7.9
13	7.3	6.7	7.0	7.9	7.8	7.8	7.7	7.6	7.7	8.0	7.9	7.9
14	7.0	6.6	6.8	8.0	7.8	7.8	7.7	7.7	7.7	7.9	7.8	7.9
15	6.8	6.5	6.7	8.0	7.8	7.9	7.7	7.7	7.7	7.9	7.7	7.8
16	6.9	6.5	6.6	8.0	7.8	7.9	7.7	7.7	7.7	7.9	7.7	7.8
17	6.7	6.5	6.6	8.0	7.8	7.9	7.8	7.7	7.8	8.0	7.9	7.9
18	6.7	6.4	6.6	7.9	7.8	7.9	7.8	7.7	7.8	8.0	7.8	7.9
19	6.8	6.4	6.7	7.8	7.7	7.8	7.8	7.6	7.6	7.8	7.3	7.8
20	7.0	6.8	6.9	7.8	7.7	7.8	7.7	7.6	7.6	7.7	7.1	7.6
21	7.1	6.9	7.0	7.8	7.7	7.8	7.8	7.6	7.7	7.7	7.2	7.6
22	7.2	7.1	7.1	7.8	7.8	7.8	7.8	7.7	7.7	7.8	7.4	7.7
23	7.4	7.1	7.2	7.9	7.8	7.8	7.7	7.7	7.7	7.8	7.4	7.5
24	7.4	7.1	7.2	7.9	7.7	7.8	7.8	7.7	7.8	7.8	7.5	7.7
25	7.3	7.2	7.3	7.9	7.7	7.8	7.9	7.8	7.8	7.8	7.7	7.7
26	7.5	7.2	7.3	8.0	7.8	7.9	7.9	7.8	7.9	7.8	7.7	7.8
27	7.5	7.2	7.3	8.0	7.8	7.9	7.9	7.9	7.9	7.8	7.7	7.8
28	7.5	7.2	7.5	8.0	7.8	7.9	8.0	7.9	7.9	7.8	7.8	7.8
29	7.5	7.4	7.5	8.1	7.9	7.9	8.0	7.9	8.0	7.8	7.8	7.8
30	7.6	7.4	7.5	7.9	7.4	7.5	8.2	8.0	8.1	---	---	---
31	7.6	7.4	7.6	---	---	---	8.2	8.1	8.1	7.9	7.7	7.8
Max	8.7	8.0	8.4	8.1	7.9	7.9	8.2	8.1	8.1	---	---	---
Min	6.7	6.4	6.6	7.6	7.4	7.5	7.3	7.3	7.3	---	---	---

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
		February			March			April			May	
1	7.8	7.7	7.8	9.2	8.0	8.4	9.6	8.3	9.3	8.0	7.7	7.8
2	7.8	7.7	7.8	8.3	7.8	8.0	9.4	7.7	9.2	8.1	7.7	7.9
3	7.8	7.8	7.8	8.4	7.7	8.1	9.2	7.3	8.8	8.2	7.8	8.0
4	7.8	7.7	7.7	8.4	7.9	8.2	9.1	7.3	7.8	8.3	7.8	8.0
5	7.7	7.6	7.7	8.6	8.0	8.3	9.2	7.5	8.3	8.4	7.8	8.0
6	7.7	7.5	7.7	9.2	8.1	8.5	9.2	8.3	8.8	8.6	7.8	8.1
7	7.7	7.6	7.7	9.1	8.4	8.8	8.9	8.1	8.5	8.7	7.9	8.2
8	7.7	7.7	7.7	---	---	---	8.1	7.7	7.9	8.6	7.9	8.2
9	7.8	7.7	7.7	---	---	---	8.8	7.5	7.8	8.7	7.9	8.3
10	7.8	7.7	7.8	---	---	---	9.1	8.2	8.6	8.8	8.0	8.3
11	7.8	7.7	7.8	---	---	---	9.3	7.8	8.2	8.6	8.0	8.2
12	7.8	7.8	7.8	---	---	---	9.4	8.2	8.9	8.5	7.8	8.1
13	7.8	7.7	7.8	---	---	---	9.5	8.5	9.2	8.0	7.8	7.9
14	7.7	7.7	7.7	---	---	---	9.2	8.4	9.1	7.8	7.5	7.6
15	7.7	7.7	7.7	---	---	---	9.3	7.9	8.7	7.6	7.3	7.5
16	7.7	7.6	7.7	---	---	---	9.5	8.6	9.1	7.5	7.3	7.4
17	7.7	7.6	7.7	---	---	---	9.3	8.7	9.1	7.5	7.3	7.4
18	7.8	7.7	7.7	9.7	9.4	9.5	9.4	8.6	9.1	7.5	7.2	7.3
19	---	---	---	9.7	9.3	9.4	9.3	8.5	9.1	7.7	7.2	7.5
20	---	---	---	9.7	9.3	9.4	9.4	8.3	9.0	7.6	7.3	7.4
21	8.2	7.9	8.0	9.8	9.4	9.5	9.3	7.9	8.8	7.6	7.3	7.4
22	8.2	8.0	8.1	9.8	9.4	9.6	8.8	7.7	8.0	7.7	7.4	7.5
23	8.4	8.1	8.1	9.8	9.2	9.6	7.7	7.6	7.7	7.8	7.4	7.5
24	8.4	8.1	8.3	9.7	9.4	9.5	7.8	7.7	7.7	7.9	7.4	7.6
25	8.5	8.1	8.3	9.7	9.3	9.5	7.7	7.5	7.6	7.8	7.5	7.7
26	8.5	8.0	8.2	9.7	9.1	9.5	7.6	7.5	7.6	7.8	7.5	7.6
27	8.4	8.0	8.2	9.7	9.3	9.5	7.7	7.5	7.6	8.0	7.5	7.7
28	8.7	8.0	8.3	9.7	9.4	9.5	7.8	7.5	7.7	8.0	7.7	7.8
29	---	---	---	9.8	9.2	9.5	7.9	7.6	7.7	8.1	7.6	7.8
30	---	---	---	9.8	9.2	9.5	7.9	7.7	7.8	8.3	7.6	7.9
31	---	---	---	9.7	9.2	9.5	---	---	---	8.4	7.6	7.9
Max	---	---	---	---	---	---	9.6	8.7	9.3	8.8	8.0	8.3
Min	---	---	---	---	---	---	7.6	7.3	7.6	7.5	7.2	7.3

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
		June			July			August			September	
1	8.4	7.6	7.8	7.4	7.2	7.3	---	---	---	7.5	7.3	7.4
2	7.7	7.5	7.5	7.4	7.3	7.3	---	---	---	7.4	7.2	7.3
3	7.5	7.2	7.4	7.5	7.3	7.4	---	---	---	7.4	7.3	7.3
4	7.6	7.4	7.5	7.5	7.3	7.4	---	---	---	7.6	7.2	7.3
5	7.7	7.5	7.6	7.5	7.3	7.4	---	---	---	7.5	7.4	7.4
6	7.7	7.5	7.6	7.4	7.3	7.4	---	---	---	7.8	7.4	7.5
7	7.6	7.5	7.6	7.5	7.4	7.4	---	---	---	8.0	7.5	7.7
8	7.7	7.5	7.6	7.5	7.4	7.4	9.5	7.9	8.8	8.1	7.6	7.8
9	7.8	7.6	7.7	7.7	7.5	7.6	9.5	7.9	8.8	8.4	7.8	8.0
10	7.8	7.5	7.7	7.8	7.5	7.6	---	---	---	8.5	8.0	8.2
11	7.9	7.6	7.7	8.0	7.5	7.7	---	---	---	8.6	8.0	8.2
12	7.8	7.6	7.7	8.1	7.6	7.8	9.7	8.6	9.2	8.6	7.8	8.1
13	8.1	7.6	7.8	8.1	7.6	7.8	9.6	8.3	9.2	8.3	7.8	8.1
14	8.0	7.6	7.8	8.2	7.5	7.7	9.6	8.4	9.1	8.2	8.0	8.1
15	8.1	7.6	7.8	8.3	7.7	8.0	9.6	8.7	9.3	8.1	7.8	7.9
16	8.3	7.7	7.8	8.0	7.6	7.8	---	---	---	7.8	7.6	7.7
17	8.3	7.6	7.9	8.0	7.5	7.7	9.4	8.0	9.0	7.6	7.5	7.6
18	8.4	7.6	8.0	8.1	7.6	7.8	9.5	8.0	8.9	7.6	7.5	7.6
19	8.5	7.7	8.0	8.4	7.6	8.0	9.4	7.8	8.8	7.6	7.6	7.6
20	8.5	7.7	7.9	8.3	7.9	8.1	9.5	7.8	8.6	7.8	7.6	7.7
21	8.4	7.5	7.9	8.4	8.1	8.3	---	---	---	7.9	7.6	7.8
22	8.4	7.6	7.9	8.2	7.2	7.4	9.5	7.7	8.7	7.9	7.7	7.8
23	8.5	7.7	7.9	7.6	7.4	7.4	---	---	---	7.9	7.7	7.8
24	8.0	7.6	7.7	7.9	7.4	7.5	---	---	---	7.9	7.7	7.8
25	7.6	7.4	7.5	8.2	7.5	7.8	8.8	7.5	8.0	8.1	7.7	8.0
26	7.8	7.6	7.6	8.2	7.7	8.1	8.3	7.5	7.7	8.2	7.8	8.0
27	7.7	7.3	7.4	8.4	7.9	8.1	7.8	7.4	7.6	8.2	7.9	8.0
28	7.3	7.2	7.3	8.1	7.6	7.8	7.9	7.5	7.6	8.2	7.8	8.0
29	7.4	7.1	7.1	8.1	7.7	7.8	7.7	7.5	7.6	8.2	7.8	7.9
30	7.6	7.1	7.2	8.0	7.7	7.8	7.9	7.4	7.7	8.1	7.8	7.9
31	---	---	---	---	---	---	7.8	7.5	7.7	---	---	---
Max	8.5	7.7	8.0	---	---	---	---	---	---	8.6	8.0	8.2
Min	7.3	7.1	7.1	---	---	---	---	---	---	7.4	7.2	7.3

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	243	237	241	154	148	152	191	111	148	143	135	138
2	252	243	249	159	154	156	111	106	108	146	142	143
3	247	238	243	166	159	164	115	110	112	168	145	151
4	239	233	237	172	166	170	125	115	120	173	168	171
5	235	229	232	174	170	171	138	125	129	172	166	167
6	234	229	231	181	174	178	141	137	139	170	165	167
7	234	230	233	190	181	185	147	141	144	170	168	169
8	233	203	221	194	190	193	153	147	151	175	170	172
9	206	142	159	195	193	194	158	152	154	178	175	176
10	151	141	147	196	194	195	168	156	161	181	178	180
11	175	149	161	199	195	197	175	166	170	183	180	182
12	200	170	178	195	181	188	184	175	180	183	180	181
13	195	156	173	181	173	175	183	180	181	184	171	180
14	203	149	163	181	173	175	184	182	183	171	150	157
15	204	149	166	185	181	183	193	183	186	158	132	154
16	235	160	195	190	184	186	200	180	191	132	107	115
17	247	192	218	190	186	187	300	189	253	118	109	112
18	247	167	208	191	168	183	236	191	207	136	118	125
19	226	192	207	168	137	147	191	178	184	145	108	128
20	224	188	204	145	138	142	180	178	179	116	95	105
21	217	202	209	151	144	148	186	180	184	119	102	108
22	216	205	210	159	151	155	195	185	189	118	110	114
23	240	208	222	169	159	166	199	193	196	131	114	121
24	228	155	198	169	159	164	198	190	194	151	131	143
25	155	134	140	163	159	161	195	190	193	142	138	140
26	156	133	147	167	162	165	198	189	194	149	141	146
27	133	115	120	168	162	165	203	180	193	153	147	150
28	124	113	117	176	166	169	180	160	169	157	150	153
29	133	121	127	180	176	178	163	156	159	162	154	157
30	143	132	138	191	166	175	164	158	161	---	---	---
31	148	143	146	---	---	---	164	139	154	168	162	165
Month	252	113	188	199	137	172	300	106	170	---	---	---

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	165	156	162	216	210	213	226	214	217	146	140	145
2	156	143	148	216	209	213	231	219	224	150	145	149
3	149	143	146	220	208	213	257	224	232	158	150	154
4	155	141	151	258	219	231	264	231	239	166	158	162
5	141	132	136	258	234	243	251	232	237	170	165	169
6	134	120	128	235	224	229	235	230	232	177	169	173
7	125	120	122	231	225	229	231	225	227	181	176	178
8	133	124	127	231	222	227	228	218	222	188	181	183
9	139	130	134	222	214	216	221	216	218	194	188	191
10	145	139	142	221	217	218	223	216	219	199	194	196
11	152	142	147	221	218	220	224	210	218	201	195	198
12	158	149	152	221	218	220	217	209	213	198	194	196
13	171	158	166	221	210	215	218	213	215	204	186	197
14	178	169	174	228	219	222	218	213	215	186	162	172
15	182	175	178	229	220	226	218	215	217	164	157	160
16	182	175	179	220	196	208	223	217	219	161	157	159
17	186	179	181	196	186	189	220	213	216	163	156	159
18	191	178	184	193	186	188	213	201	206	163	149	155
19	---	---	---	194	191	193	210	199	201	151	146	148
20	---	---	---	197	194	195	208	203	205	150	146	148
21	191	181	186	203	197	199	214	208	210	149	144	147
22	197	190	194	202	200	201	218	214	216	148	144	146
23	196	192	195	201	198	199	214	182	203	149	146	147
24	198	193	196	204	199	200	215	178	203	153	148	150
25	198	196	197	207	203	205	178	133	147	157	151	153
26	197	194	196	210	206	208	133	122	124	161	157	158
27	203	193	196	215	210	214	127	121	124	165	160	162
28	211	203	205	216	215	215	129	123	126	169	165	168
29	---	---	---	219	214	215	136	129	132	171	165	169
30	---	---	---	218	212	214	140	136	138	165	162	164
31	---	---	---	218	213	215	---	---	---	169	162	164
Month	---	---	---	258	186	213	264	121	200	204	140	165

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	178	169	174	103	87	94	---	---	---	161	129	141
2	178	155	169	105	95	99	---	---	---	132	127	129
3	163	132	147	109	100	104	---	---	---	163	128	140
4	169	159	164	113	107	110	---	---	---	170	162	165
5	174	167	172	127	111	116	---	---	---	173	162	168
6	167	152	156	135	118	128	---	---	---	179	162	171
7	156	145	149	139	129	133	---	---	---	187	179	183
8	158	146	151	137	131	134	239	230	236	191	186	188
9	159	157	158	158	137	148	245	238	242	194	191	193
10	157	150	152	166	158	161	---	---	---	191	189	190
11	156	150	152	165	158	162	---	---	---	195	191	193
12	162	156	159	168	162	166	251	247	249	197	195	196
13	159	153	154	179	165	172	257	251	254	200	197	198
14	153	145	149	185	177	179	258	254	256	206	200	203
15	152	146	150	188	184	186	257	251	255	213	205	207
16	159	151	156	200	185	192	---	---	---	215	151	186
17	163	158	160	203	194	198	263	259	261	151	128	133
18	159	156	158	206	193	197	261	252	256	135	130	132
19	168	158	162	208	201	205	252	244	248	139	135	137
20	172	168	170	215	204	209	249	245	247	144	139	142
21	188	170	179	218	207	212	---	---	---	150	144	146
22	179	169	173	218	138	174	255	247	252	152	148	150
23	183	178	179	210	196	204	---	---	---	155	151	153
24	188	183	185	213	202	207	---	---	---	162	154	159
25	195	170	182	211	202	206	221	208	213	172	161	167
26	198	184	195	213	205	208	232	220	224	174	171	172
27	199	105	147	214	211	212	245	232	239	176	173	173
28	111	76	85	220	205	211	255	235	248	176	172	174
29	98	69	74	224	214	220	235	221	230	175	171	173
30	99	70	86	224	221	223	221	213	218	186	173	180
31	---	---	---	---	---	---	213	161	189	---	---	---
Month	199	69	155	---	---	---	---	---	---	215	127	168

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	19.6	17.4	18.6	10.2	9.1	9.7	9.4	8.2	8.9	3.5	3.0	3.2
2	20.3	17.8	19.1	10.6	9.9	10.3	8.2	7.0	7.7	3.3	2.6	2.9
3	20.6	18.5	19.7	10.6	9.8	10.3	7.0	5.6	6.3	4.1	3.3	3.7
4	20.6	19.7	20.2	10.9	10.1	10.6	5.6	4.4	4.8	4.0	3.7	3.9
5	21.3	19.7	20.5	11.3	10.6	11.0	4.4	3.6	3.9	4.6	3.9	4.3
6	21.9	20.4	21.1	12.0	10.9	11.5	3.7	3.3	3.5	4.7	4.3	4.5
7	22.2	21.5	21.8	12.4	11.7	12.0	3.3	2.6	2.9	4.5	3.8	4.1
8	22.0	20.4	21.7	11.9	11.2	11.6	2.7	2.0	2.3	4.1	3.6	3.9
9	20.4	17.1	18.4	11.7	11.6	11.7	2.3	1.4	1.8	4.3	3.6	3.9
10	17.1	16.5	16.7	11.7	10.6	11.4	1.7	1.1	1.4	4.6	4.0	4.3
11	16.7	16.4	16.5	10.6	9.5	10.1	1.5	1.1	1.3	4.8	4.2	4.5
12	16.6	15.7	16.2	9.6	8.9	9.3	1.5	0.9	1.2	5.3	4.7	5.0
13	15.7	15.1	15.4	9.3	8.6	9.0	1.2	0.5	0.9	5.2	4.7	5.0
14	15.1	14.8	14.9	9.9	9.0	9.4	0.5	0.2	0.4	5.6	5.1	5.4
15	15.7	14.8	15.3	10.3	9.4	9.8	0.3	0.2	0.3	5.3	3.6	4.7
16	15.4	15.0	15.2	11.9	10.2	11.1	1.8	0.3	1.2	3.6	2.0	2.6
17	15.0	14.5	14.7	11.4	9.5	10.5	2.4	1.8	2.1	2.0	1.3	1.5
18	15.0	14.2	14.6	9.5	8.3	8.9	2.1	1.6	1.9	3.5	1.4	2.6
19	14.8	14.0	14.5	8.3	7.3	7.7	2.3	1.9	2.0	4.1	3.0	3.6
20	14.7	14.0	14.3	7.3	6.5	6.8	1.9	1.3	1.5	3.4	2.7	3.0
21	14.4	13.6	13.9	6.7	6.2	6.4	1.3	0.8	1.0	4.2	3.2	3.6
22	13.6	12.8	13.2	6.4	6.1	6.3	1.3	0.7	1.0	4.3	3.9	4.1
23	13.1	12.4	12.7	6.1	5.3	5.6	2.1	1.3	1.7	4.7	3.8	4.1
24	12.4	11.5	11.9	5.5	4.7	5.2	3.2	2.1	2.7	4.2	3.6	3.9
25	11.5	10.4	10.9	4.7	3.5	4.0	3.4	2.7	2.9	4.4	3.7	3.9
26	10.4	9.9	10.2	3.5	2.9	3.2	3.8	3.3	3.6	4.4	3.5	3.9
27	9.9	9.2	9.5	3.9	3.1	3.5	4.3	3.6	3.9	4.2	3.2	3.7
28	9.2	8.8	9.0	5.5	3.9	4.7	3.9	3.2	3.6	3.8	2.9	3.4
29	9.1	8.6	8.9	8.3	5.5	6.7	4.1	3.4	3.7	3.6	2.9	3.3
30	9.4	8.4	8.9	10.1	8.3	9.3	4.3	3.8	4.0	---	---	---
31	9.7	8.7	9.3	---	---	---	4.2	3.5	3.9	5.0	4.5	4.7
Month	22.2	8.4	15.1	12.4	2.9	8.6	9.4	0.2	2.8	---	---	---

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	5.1	4.8	5.0	3.8	2.5	3.1	14.7	12.8	13.7	15.5	13.8	14.7
2	5.1	4.4	4.8	3.2	2.6	3.0	15.4	13.2	14.2	15.8	14.3	15.1
3	5.8	4.7	5.3	3.2	2.1	2.6	14.4	12.6	13.4	16.8	15.2	15.9
4	5.9	5.6	5.7	3.2	2.0	2.5	13.5	11.9	12.5	18.5	16.2	17.2
5	6.4	5.6	5.8	4.3	2.7	3.4	12.5	11.4	12.0	18.9	17.6	18.2
6	5.7	4.5	5.3	4.8	3.5	4.1	12.6	11.1	11.6	19.6	17.9	18.6
7	4.6	4.1	4.3	5.6	4.1	4.8	11.7	10.9	11.2	19.3	17.6	18.3
8	4.3	3.8	4.1	6.1	4.5	5.3	11.3	10.1	10.8	18.3	16.9	17.7
9	4.1	3.5	3.8	7.0	5.7	6.3	11.2	9.2	10.2	18.1	16.6	17.3
10	3.5	2.9	3.2	9.3	6.7	8.0	11.7	10.2	10.8	19.4	17.1	18.1
11	3.6	2.9	3.2	10.5	8.8	9.6	12.8	10.8	11.6	19.0	18.2	18.5
12	3.3	1.9	2.4	10.0	9.4	9.8	13.8	11.9	12.9	20.0	17.8	18.8
13	3.3	2.2	2.7	11.4	9.3	10.3	15.7	13.2	14.4	19.7	18.8	19.2
14	3.8	2.1	2.9	12.2	10.6	11.3	15.1	14.3	14.7	18.9	17.6	18.0
15	4.4	2.8	3.7	10.6	8.8	9.8	16.5	14.2	15.2	17.6	16.1	16.7
16	5.7	3.7	4.4	9.3	8.2	8.8	17.0	15.3	16.1	16.7	15.9	16.2
17	5.8	5.0	5.5	9.2	8.2	8.7	17.0	15.3	16.0	16.5	15.3	15.9
18	5.6	4.3	5.1	8.3	7.3	7.9	17.6	15.5	16.4	16.8	15.4	16.2
19	---	---	---	7.3	6.6	7.0	18.4	16.2	17.2	16.7	15.6	16.2
20	---	---	---	7.2	6.2	6.6	19.2	16.6	17.9	16.2	15.2	15.8
21	3.4	2.5	3.0	6.8	5.6	6.2	18.4	16.8	17.7	16.2	15.2	15.8
22	3.3	2.6	3.0	7.1	5.8	6.4	16.8	14.3	15.4	15.9	14.6	15.3
23	4.3	3.3	3.8	8.0	6.3	7.0	14.3	13.4	13.8	16.1	14.5	15.3
24	4.5	3.7	4.0	8.0	6.9	7.4	14.1	13.4	13.7	17.1	15.1	16.0
25	4.7	3.5	4.1	8.1	7.2	7.6	13.6	12.5	13.1	17.3	16.4	16.8
26	4.1	2.8	3.5	8.6	7.4	8.0	13.4	12.0	12.7	18.1	16.8	17.4
27	2.8	2.2	2.6	9.8	7.5	8.6	13.8	12.2	13.1	19.6	17.5	18.4
28	3.2	2.2	2.6	9.4	8.4	9.0	14.2	12.6	13.4	21.0	18.9	19.9
29	---	---	---	11.6	8.9	10.2	14.6	12.7	13.7	22.8	20.4	21.4
30	---	---	---	12.7	10.3	11.5	15.1	13.3	14.3	24.7	22.3	23.3
31	---	---	---	13.8	11.3	12.5	---	---	---	25.6	23.6	24.5
Month	---	---	---	13.8	2.0	7.3	19.2	9.2	13.8	25.6	13.8	17.6

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	26.6	24.4	25.4	20.2	19.2	19.7	---	---	---	20.5	19.1	19.6
2	25.7	24.7	25.3	20.9	19.6	20.1	---	---	---	19.1	18.4	18.7
3	24.9	22.1	23.1	21.6	20.2	20.9	---	---	---	20.0	18.6	19.2
4	22.1	21.2	21.5	22.4	21.1	21.7	---	---	---	20.2	18.9	19.6
5	21.4	20.6	20.9	22.1	21.4	21.7	---	---	---	19.9	19.0	19.3
6	21.1	20.2	20.8	21.5	21.0	21.2	---	---	---	20.5	18.8	19.5
7	21.0	19.6	20.2	21.9	20.5	21.2	---	---	---	21.3	19.5	20.3
8	20.3	19.1	19.7	22.5	20.9	21.6	29.0	26.6	27.7	21.7	20.3	20.9
9	20.7	19.4	20.0	23.3	21.7	22.5	28.3	25.7	27.0	22.5	20.9	21.6
10	20.2	19.0	19.5	23.5	22.1	22.8	---	---	---	22.4	21.4	21.9
11	19.7	18.2	19.0	24.4	22.5	23.5	---	---	---	22.1	20.9	21.5
12	19.2	18.4	18.9	24.8	23.9	24.3	27.0	24.3	25.7	21.4	19.9	20.5
13	20.9	18.6	19.7	24.6	24.0	24.4	26.6	23.6	25.2	20.1	19.3	19.7
14	20.8	20.0	20.4	25.8	23.6	24.6	26.6	23.6	25.1	19.6	19.2	19.3
15	21.9	20.1	20.9	25.6	24.7	25.2	26.4	24.5	25.4	19.5	19.1	19.2
16	22.4	20.5	21.4	26.5	24.7	25.5	---	---	---	19.2	18.7	18.9
17	22.9	21.3	22.1	27.4	25.5	26.4	27.2	24.6	25.8	19.5	18.2	18.8
18	24.8	22.2	23.3	28.4	26.7	27.4	26.9	24.6	25.7	20.2	18.6	19.4
19	25.5	23.9	24.7	28.4	26.5	27.4	26.8	24.6	25.7	20.2	19.3	19.9
20	25.7	24.5	25.0	27.8	26.7	27.1	27.8	25.1	26.4	20.1	19.2	19.6
21	26.5	24.4	25.4	28.4	27.0	27.6	---	---	---	19.3	18.2	18.8
22	26.7	24.9	25.7	27.4	24.7	25.6	27.8	24.9	26.3	18.5	17.4	18.1
23	27.4	25.6	26.4	26.3	25.3	25.7	---	---	---	18.5	17.7	18.1
24	26.5	24.7	25.9	26.7	25.0	25.8	---	---	---	19.2	18.0	18.6
25	24.7	23.8	24.2	26.4	25.4	25.9	26.3	24.9	25.6	19.1	18.3	18.7
26	24.4	23.3	23.9	26.8	25.2	26.0	25.4	23.4	24.2	19.0	17.8	18.4
27	23.3	21.0	21.9	27.7	25.9	26.7	23.4	22.6	22.8	18.3	17.7	18.0
28	21.0	19.9	20.3	27.6	25.9	26.8	23.7	22.4	23.0	18.4	17.4	17.8
29	20.1	19.5	19.8	28.3	26.3	27.2	23.1	21.8	22.4	18.3	17.5	18.0
30	20.1	19.2	19.5	28.7	27.0	27.8	21.8	21.1	21.3	17.5	16.8	17.0
31	---	---	---	---	---	---	21.1	20.5	20.8	---	---	---
Month	27.4	18.2	22.2	---	---	---	---	---	---	22.5	16.8	19.3

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

TURBIDITY, WATER, UNFILTERED, MONOCHROME NEAR INFRA-RED LED LIGHT, 780-900 NM, DETECTION ANGLE 90 +/ -2.5
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	2.8	0.5	0.8	2.2	1.5	1.7	35	18	24	7.7	5.0	5.9
2	2.3	<0.5	0.8	1.7	1.4	1.5	28	14	19	6.5	3.8	5.3
3	1.8	<0.5	0.8	3.5	1.2	1.4	16	7.6	12	24	3.8	15
4	1.8	0.5	0.8	2.7	1.3	1.7	8.3	3.8	5.4	17	10	13
5	2.0	<0.5	0.9	3.2	1.1	1.4	3.9	3.0	3.5	12	5.2	7.1
6	2.6	<0.5	1.0	1.5	1.1	1.2	3.4	2.6	2.9	5.4	3.7	4.3
7	2.9	0.5	1.1	1.3	0.9	1.1	2.7	2.1	2.5	4.5	2.8	3.5
8	150	0.6	19	1.5	0.9	1.1	2.4	2.0	2.1	3.0	2.3	2.6
9	200	70	140	2.4	0.8	1.0	2.4	1.9	2.1	2.5	2.0	2.2
10	70	27	44	1.0	0.8	0.9	2.6	1.9	2.2	2.1	1.8	1.9
11	29	11	18	1.3	0.8	0.9	2.3	1.8	1.9	2.1	1.6	1.8
12	49	11	21	1.2	0.8	0.9	2.2	1.9	2.1	9.0	1.6	4.6
13	56	18	27	1.1	0.6	0.8	2.0	1.6	1.9	3.7	2.9	3.2
14	30	19	24	0.8	0.5	0.6	2.2	1.6	1.9	14	3.0	4.6
15	31	13	21	0.7	<0.5	0.5	2.7	1.8	1.9	23	12	15
16	18	9.7	12	0.8	<0.5	0.5	47	1.8	20	44	22	30
17	18	6.8	10	4.4	0.6	2.1	27	12	16	25	10	18
18	12	4.5	6.5	4.2	3.4	3.8	14	4.8	8.4	27	7.5	12
19	9.2	4.0	6.4	5.9	2.7	3.9	5.2	3.1	3.8	80	27	52
20	8.6	3.2	5.0	3.0	2.4	2.6	3.2	2.3	2.7	65	37	54
21	8.0	2.6	4.4	3.6	2.0	2.3	3.1	2.1	2.4	37	16	24
22	10	2.2	4.5	3.3	1.8	2.3	2.3	1.7	1.9	16	10	13
23	17	2.2	6.3	3.7	2.3	3.1	1.8	1.5	1.6	11	8.4	9.5
24	11	4.4	6.9	2.8	1.8	2.1	1.5	1.3	1.5	8.9	5.8	7.2
25	8.0	6.1	6.8	1.9	1.5	1.6	1.5	1.3	1.4	7.4	5.3	5.8
26	12	7.1	8.2	1.8	1.3	1.5	9.3	1.3	3.9	6.4	4.2	4.9
27	11	8.4	9.5	5.1	1.3	1.5	9.0	6.2	7.8	7.6	3.8	4.6
28	9.1	5.9	7.3	1.4	1.2	1.3	6.3	3.3	4.3	8.1	3.2	4.2
29	5.9	2.9	4.2	1.8	1.0	1.2	5.9	3.2	3.7	3.5	2.9	3.2
30	3.0	2.2	2.5	40	1.1	18	4.2	3.6	3.9	---	---	---
31	2.3	1.6	2.0	---	---	---	5.6	3.5	4.4	4.7	2.7	3.1
Month	200	<0.5	14	40	<0.5	2.1	47	1.3	5.6	---	---	---

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

TURBIDITY, WATER, UNFILTERED, MONOCHROME NEAR INFRA-RED LED LIGHT, 780-900 NM, DETECTION ANGLE 90 +/ -2.5
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

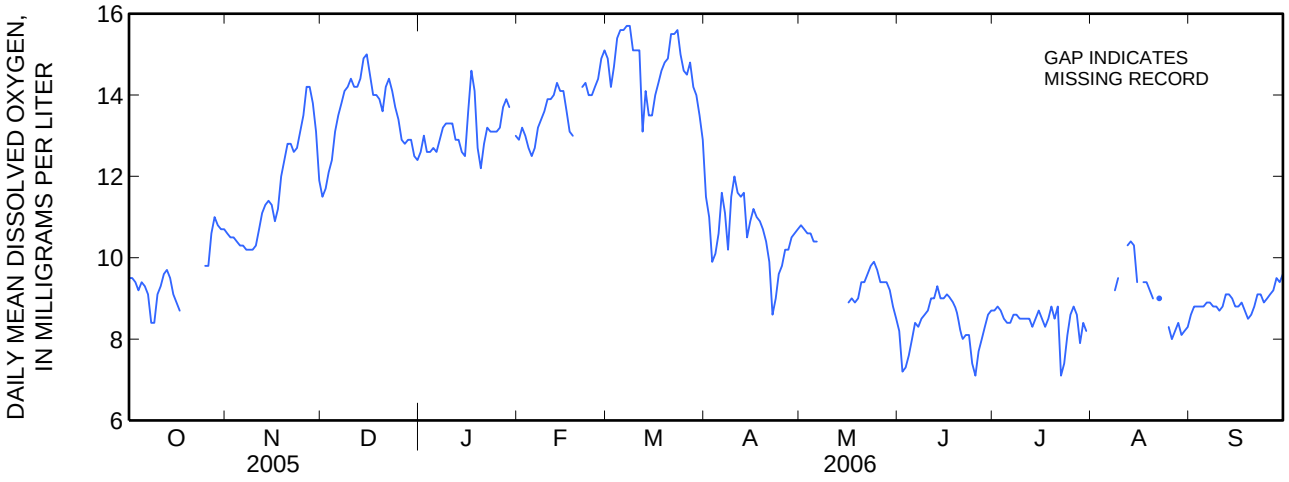
Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	8.2	2.9	3.5	1.5	1.0	1.1	1.0	0.6	0.6	6.3	2.4	3.1
2	3.9	3.1	3.4	1.3	1.0	1.0	2.7	0.6	0.8	3.6	1.9	2.6
3	5.8	3.5	4.0	1.2	1.0	1.1	1.0	0.6	0.8	2.5	1.8	2.1
4	11	5.8	9.1	1.3	1.1	1.1	1.2	0.9	1.0	2.5	1.3	1.8
5	14	8.9	11	1.2	0.9	1.1	1.3	0.9	1.1	4.6	1.1	1.5
6	14	8.0	11	1.1	0.9	1.0	1.3	1.0	1.1	2.9	1.0	1.3
7	8.6	5.6	7.4	1.0	0.8	0.9	3.9	1.0	1.3	1.4	0.9	1.1
8	6.1	3.9	4.9	1.1	0.8	0.9	1.9	1.0	1.1	2.2	0.9	1.2
9	4.4	3.1	3.7	1.0	0.8	0.9	2.3	1.4	1.9	2.2	0.7	1.2
10	4.0	2.8	3.1	1.1	0.7	0.9	2.2	1.4	1.8	1.5	0.6	1.0
11	4.0	2.2	2.6	1.2	0.7	0.9	1.6	1.0	1.3	4.5	0.7	1.5
12	3.2	2.1	2.5	1.2	0.7	1.0	1.7	1.0	1.2	2.2	0.8	1.2
13	2.3	1.9	2.1	1.3	0.7	1.0	1.5	0.8	1.1	4.6	2.0	3.2
14	2.4	1.8	2.0	1.6	0.7	1.0	3.3	0.9	1.3	5.8	3.0	3.7
15	3.2	1.8	2.1	1.8	0.9	1.1	1.3	0.9	1.1	3.8	2.3	3.0
16	2.4	1.5	1.7	1.3	0.9	1.1	1.5	1.1	1.3	9.3	2.3	3.3
17	6.8	1.6	2.9	1.4	1.0	1.2	1.7	1.1	1.4	14	4.5	8.1
18	7.5	2.6	4.6	1.7	1.2	1.4	3.6	1.2	1.6	6.0	3.5	4.4
19	---	---	---	2.0	1.3	1.7	2.7	1.2	1.6	5.6	2.9	3.9
20	---	---	---	1.5	1.2	1.4	1.9	1.1	1.5	6.0	2.7	4.0
21	2.7	1.7	1.9	1.7	1.0	1.2	1.6	1.1	1.4	4.1	2.4	2.9
22	2.0	1.7	1.8	1.1	0.8	1.0	5.2	1.3	1.7	5.8	2.0	2.8
23	2.2	1.8	1.9	1.0	0.7	0.8	54	2.0	23	3.3	1.8	2.2
24	2.0	1.5	1.7	0.9	0.7	0.8	26	15	18	5.7	1.7	2.5
25	1.6	1.4	1.5	0.8	0.7	0.8	22	13	17	3.3	1.3	1.8
26	1.6	1.2	1.4	0.8	0.6	0.7	16	9.0	12	2.8	1.0	1.5
27	1.5	1.0	1.3	0.8	0.7	0.7	9.1	6.4	7.6	2.1	0.9	1.2
28	1.2	1.0	1.1	0.9	0.7	0.8	6.6	4.2	5.3	1.7	0.9	1.2
29	---	---	---	1.8	0.7	0.9	8.7	3.6	4.6	3.8	0.9	1.4
30	---	---	---	1.2	0.6	0.8	8.1	3.1	3.8	3.2	1.1	1.6
31	---	---	---	0.8	0.6	0.7	---	---	---	2.8	1.4	1.8
Month	---	---	---	2.0	0.6	1.0	54	0.6	4.0	14	0.6	2.4

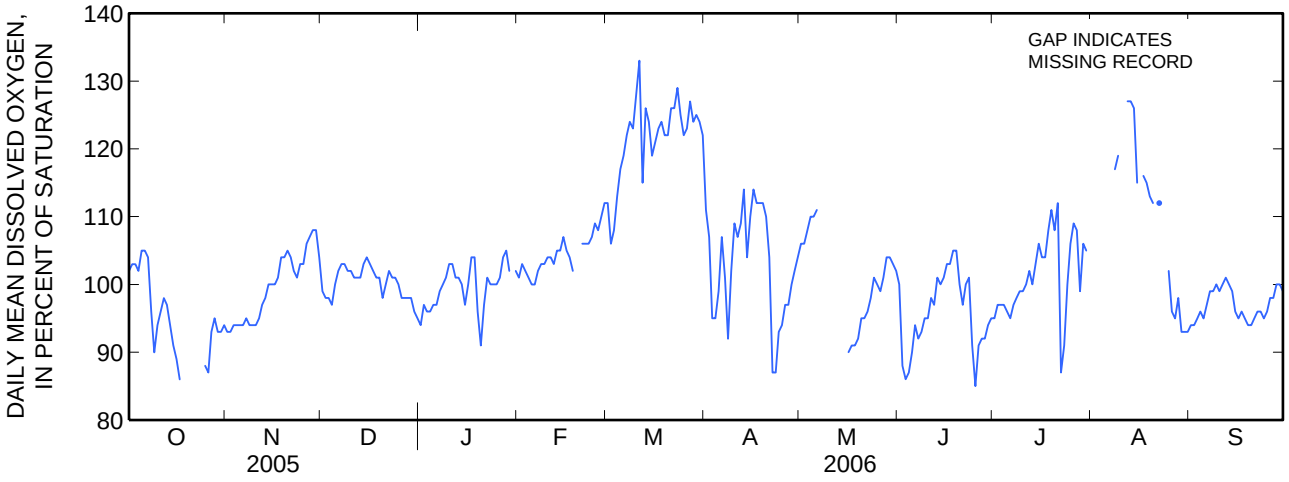
01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

TURBIDITY, WATER, UNFILTERED, MONOCHROME NEAR INFRA-RED LED LIGHT, 780-900 NM, DETECTION ANGLE 90 +/ -2.5
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

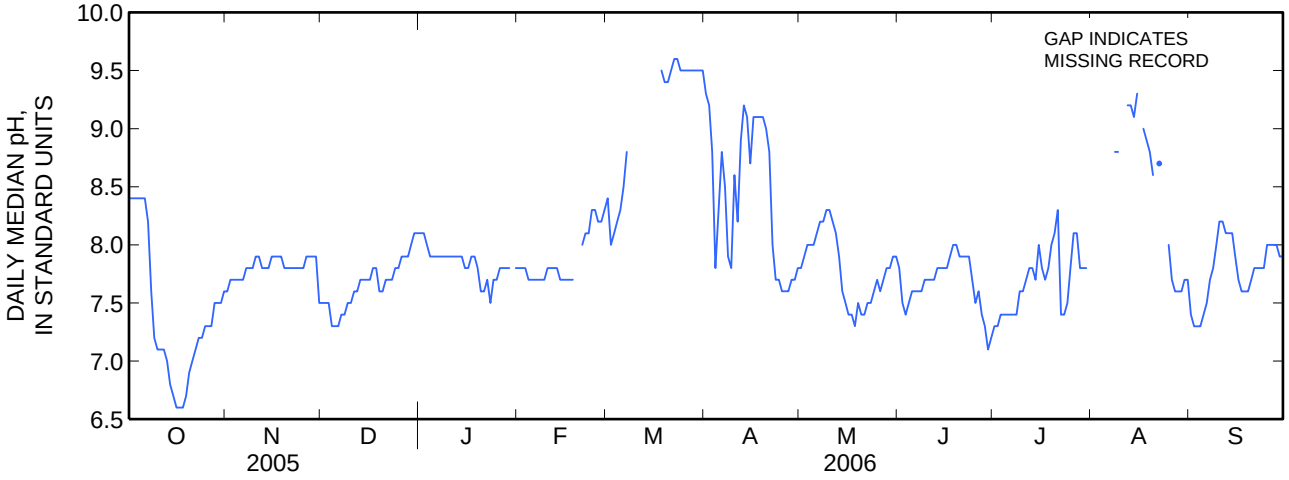
Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	2.1	1.2	1.5	88	46	57	---	---	---	23	14	17
2	19	1.7	6.9	50	38	43	---	---	---	60	13	36
3	160	4.9	54	41	29	34	---	---	---	60	16	30
4	18	8.2	12	31	22	26	---	---	---	19	10	13
5	8.2	5.2	6.2	43	20	25	---	---	---	10	6.3	8.4
6	11	4.9	6.5	38	19	27	---	---	---	7.3	4.8	5.5
7	12	4.5	5.4	24	11	16	---	---	---	7.9	3.7	4.8
8	8.3	5.3	6.8	14	7.6	9.2	5.0	3.4	4.1	4.2	3.3	3.7
9	11	5.3	6.8	8.5	5.6	6.6	4.8	3.8	4.4	4.0	2.9	3.2
10	11	5.2	6.7	14	5.2	6.8	---	---	---	4.5	2.7	3.1
11	12	4.1	5.5	29	6.6	15	---	---	---	3.9	2.6	2.9
12	9.2	3.3	4.3	6.8	3.3	4.8	6.3	3.8	4.5	6.6	2.3	2.9
13	5.5	2.9	3.6	8.8	3.3	4.9	6.0	3.4	4.1	2.7	2.1	2.4
14	7.0	2.7	3.8	12	4.4	7.8	6.3	3.3	4.1	2.5	2.1	2.3
15	9.7	2.6	3.6	6.0	2.2	3.2	3.9	3.1	3.5	17	2.2	5.4
16	4.4	2.2	2.8	2.9	1.6	2.3	---	---	---	33	15	24
17	5.6	2.0	2.8	5.1	1.6	3.3	4.0	2.4	3.1	33	15	21
18	8.2	1.7	3.1	3.5	1.3	2.6	3.6	2.4	2.9	18	13	15
19	6.1	1.4	2.0	2.4	0.8	1.4	3.6	2.0	2.5	14	8.1	11
20	5.3	1.6	2.3	1.7	0.8	1.1	3.2	1.9	2.3	8.3	5.5	6.6
21	8.6	2.9	5.8	1.5	0.6	0.8	---	---	---	6.1	4.3	5.1
22	4.0	2.1	3.0	130	0.7	53	3.0	1.6	2.1	6.6	3.5	4.1
23	2.7	1.8	2.3	17	6.8	11	---	---	---	5.2	3.0	3.4
24	5.3	2.0	3.0	10	4.2	6.2	---	---	---	3.5	2.6	3.0
25	32	5.3	16	6.5	3.2	4.0	2.1	1.3	1.7	3.4	2.0	2.5
26	24	4.4	8.1	6.0	2.9	3.6	4.9	1.4	2.6	2.6	1.8	2.1
27	110	24	63	3.7	2.3	3.0	2.5	1.8	2.2	2.8	1.6	2.0
28	880	58	240	12	2.5	6.3	4.2	2.0	2.6	2.6	1.4	1.8
29	880	330	470	5.4	3.5	4.3	5.8	3.8	4.8	2.4	1.6	1.7
30	580	83	200	6.9	2.7	3.7	8.7	4.6	5.8	8.7	1.8	2.5
31	---	---	---	---	---	---	23	8.5	14	---	---	---
Month	880	1.2	39	---	---	---	---	---	---	60	1.4	8.2

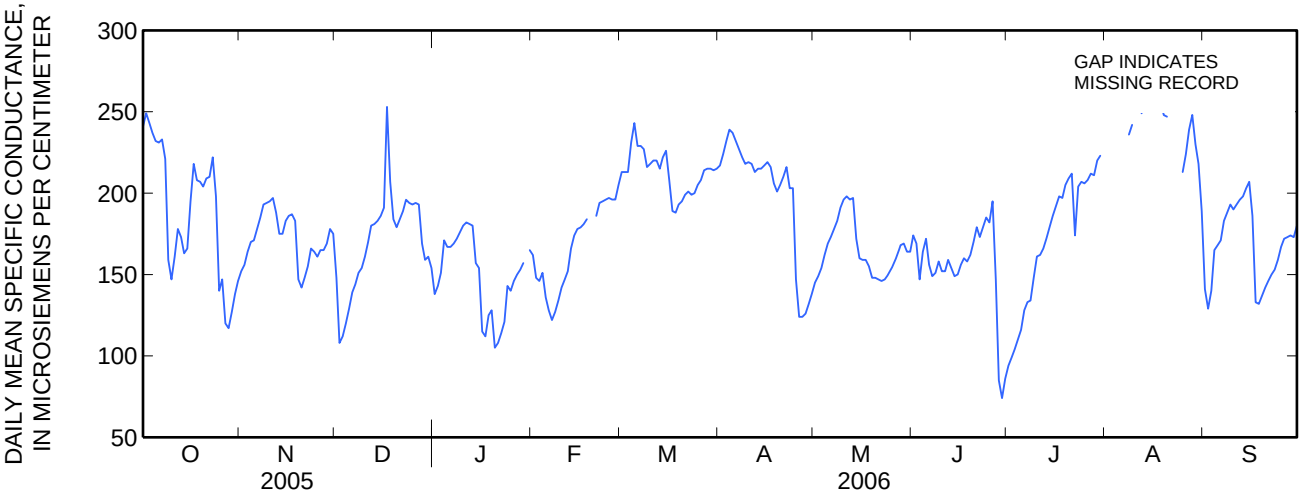
01463500 DELAWARE RIVER AT TRENTON, NJ—Continued



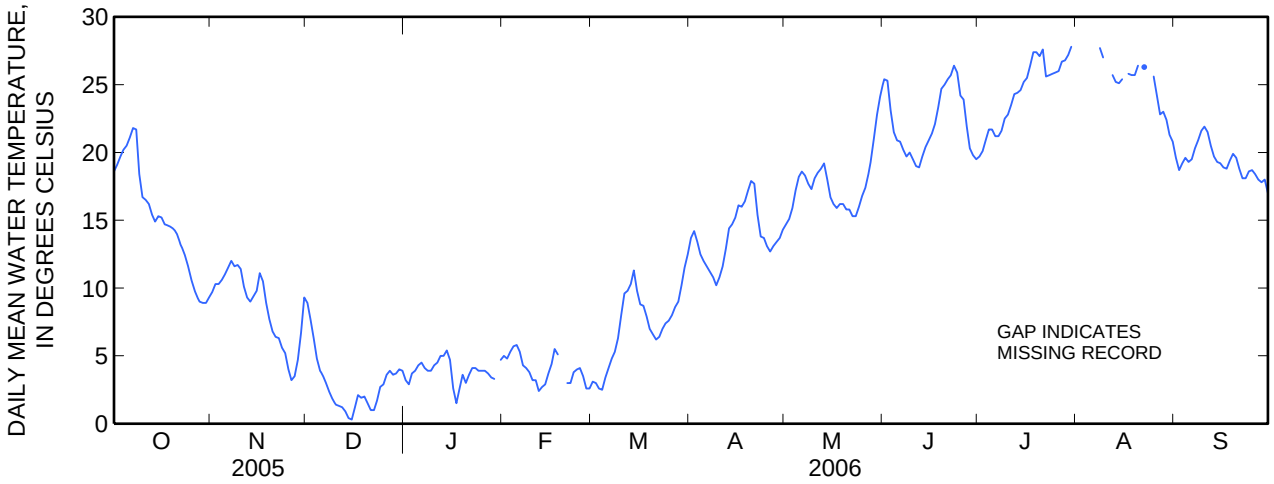


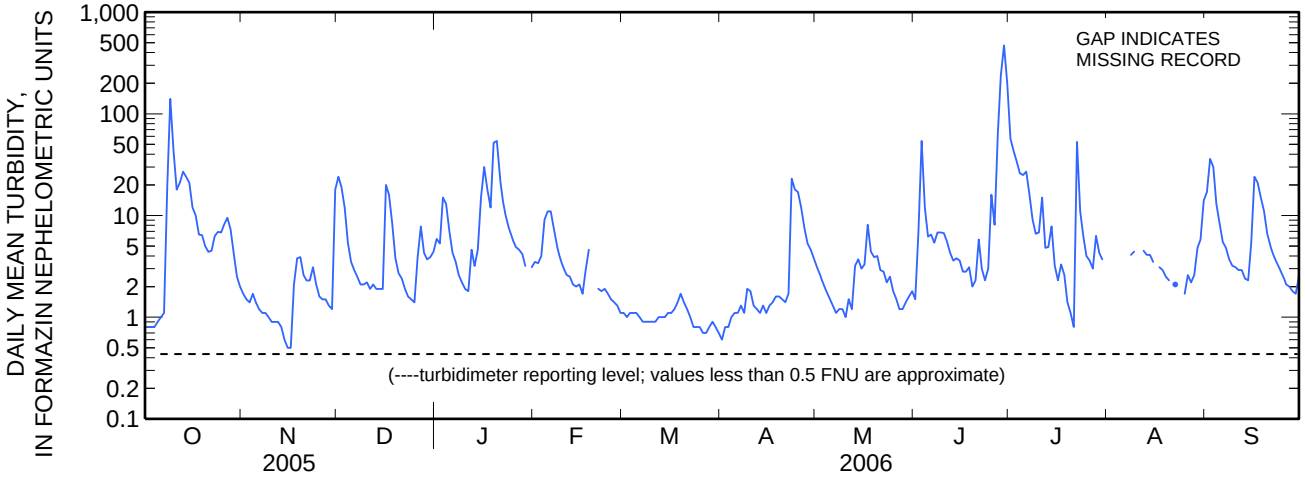
01463500 DELAWARE RIVER AT TRENTON, NJ—Continued





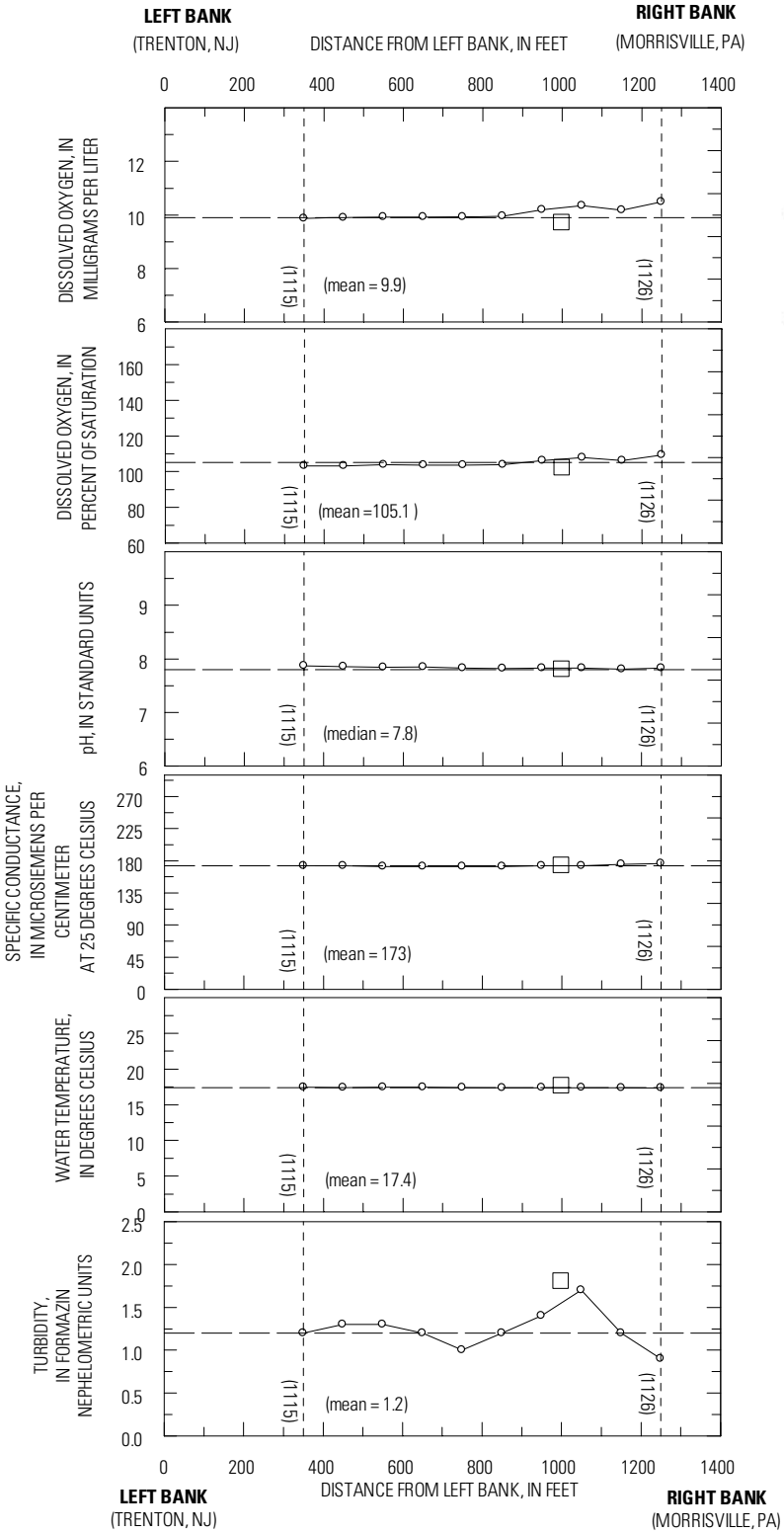
01463500 DELAWARE RIVER AT TRENTON, NJ—Continued





01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

CROSS SECTIONAL WATER-QUALITY MEASUREMENTS WITH RECORDED MONITOR VALUES ON SEPTEMBER 28, 2006



EXPLANATION

Water-quality measurement from the Calhoun Street Bridge at specified time and distance

Mean or median of indicated water-quality measurements from the Calhoun Street Bridge

(1130) Time of cross sectional water-quality measurement from the Calhoun Street Bridge

Monitor value, recorded 1200 hours

Cross sectional measurements were made periodically to document river variability and verify that recorded monitor values were representative of river conditions.

The water-quality monitor is located in the raw-water intake of the Morrisville Water Filtration Plant, Morrisville, PA.

Water-quality measurements were acquired from the Calhoun Street Bridge at increments of 100 feet (distance from left bank looking downstream).

The path of water flowing past the mouth of the raw-water intake of the Morrisville Water Filtration Plant passes the Calhoun Street bridge, 2,050 feet downstream, approximately 1,000 feet from the left bank.

The daily mean discharge of 8,630 ft^3/s for the Delaware River at Trenton on September 28, 2006 was equaled or exceeded 50 percent of the time by all daily mean discharges for the Delaware River at Trenton between water years 1968 and 2006.