Water-Data Report 2011

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY

Southwestern Lake Ontario Basin
Lower Genesee Subbasin

LOCATION.--Lat 43°08'30.2", long 77°36'58.7" referenced to North American Datum of 1983, Monroe County, NY, Hydrologic Unit 04130003, on left bank, adjacent to floodwall, about 400 ft upstream of the Ford Street bridge, in Rochester.

DRAINAGE AREA.--2,474 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--April 1904 to September 1918, December 1919 to current year. Published as 04231500, "below Erie Canal at Rochester," 1904-18, as 04232000, "at Driving Park Avenue," 1919-68, and "at Rochester," 1969-2005.

GAGE.--Acoustic velocity meter and water-stage recorder. Acoustic velocity meter since 2005. Elevation of gage is 512 ft above NGVD of 1929, from topographic map. Apr. 1904 to Dec. 1910, nonrecording gage and Dec. 1910 to Sept. 1918, water-stage recorder at site 1.9 mi upstream at datum 506.85 ft, Barge Canal datum. Dec. 1919 to Apr. 4, 1927, water-stage recorder in plant 5, and Apr. 4, 1927 to June 19, 1956, at site 3.1 mi downstream at datum 250.00 ft above NGVD of 1929. June 20, 1956 to Sept. 30, 1969, at site 3.1 mi downstream at datum 247.00 ft above NGVD of 1929. Oct. 1, 1969 to Sept. 30, 1985, at site 3.1 mi downstream at datum 246.24 ft above NGVD of 1929. Oct. 1, 1985 to Sep. 30, 2005, at site 3.1 mi downstream at datum 244.24 ft above NGVD of 1929 (245.00 ft, Barge Canal datum).

REMARKS.--Records good except those below 800 ft^3/s, which are fair, and those for estimated daily discharges, which are poor. Occasional fluctuation caused by powerplant downstream from station. New York State Erie (Barge) Canal crosses river 1.8 mi upstream from station. Water diverted by the canal from Lake Erie is discharged into river from the west, the canal again diverting a smaller amount of water from river to the east. Additional regulation is provided by Rushford Lake, Mount Morris Lake (see station 04224000), and Conesus Lake (see station 04227980). Telephone and satellite gage height and velocity telemeters at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, since construction of Mt. Morris Reservoir in 1951, 29,600 ft^3/s, June 25, 1972, gage height, 15.89 ft, site and datum then in use.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, about 54,000 ft^3/s, Mar. 18, 1865.

EXTREMES FOR PERIOD PRIOR TO REGULATION.--Maximum discharge, prior to construction of Mt. Morris Reservoir in 1951, 48,300 ft^3/s, Mar. 30, 1916, gage height, 15.3 ft, site and datum then in use; minimum discharge (at gage site located 3.1 mi downstream), less than 10 ft^3/s, occurred during low-water periods in some years when power plant was shut down.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 12,000 ft^3/s, Mar. 13; minimum daily discharge, 582 ft^3/s, Aug. 2. Maximum and minimum instantaneous discharges not determined.

Suggested citation: U.S. Geological Survey, 2012, Water-resources data for the United States, Water Year 2011: U.S. Geological Survey Water-Data Report WDR-US-2011, site 04231600, accessed at http://wdr.water.usgs.gov/wy2011/pdfs/04231600.2011.pdf

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2,330	2,360	4,850	e1,940	e1,150	6,680	8,580	9,690	7,990	1,440	689	859
2	4,930	2,080	10,900	3,830	e1,080	8,150	8,440	9,550	6,880	1,120	582	584
3	4,260	2,130	9,730	5,290	e1,080	8,870	7,710	8,730	6,510	1,090	733	764
4	3,190	2,180	7,520	4,410	e1,290	8,020	5,030	9,600	6,190	1,020	686	751
5	2,330	2,250	6,910	2,830	e1,350	6,580	5,800	10,500	6,080	851	719	1,070
6	4,270	2,100	6,950	e2,270	e1,450	8,860	8,100	10,300	6,050	997	832	880
7	6,860	2,080	7,190	e2,510	e1,490	11,900	8,670	9,910	5,810	829	864	909
8	7,340	1,920	6,730	e1,730	e1,480	11,700	8,780	8,940	5,480	1,020	729	957
9	6,020	1,860	6,630	e1,670	e1,410	9,950	8,720	8,990	4,530	870	1,240	1,060
10	5,170	1,750	6,600	e1,420	e1,330	7,040	8,350	8,870	3,060	878	889	1,020
11	4,570	1,760	6,610	e1,520	e1,280	9,610	8,050	8,810	1,950	1,050	931	1,010
12	3,800	1,760	6,000	e1,470	e1,350	11,900	7,540	8,880	1,760	935	854	873
13	2,470	1,670	6,270	e1,310	e1,350	12,000	8,440	8,560	1,880	788	861	1,080
14	2,360	1,670	6,710	e1,310	e1,480	11,100	e10,000	7,990	1,670	908	e800	1,010
15	2,060	1,590	e6,800	e1,390	e1,650	10,000	e9,500	6,400	1,710	877	e2,450	1,060
16	2,090	1,340	6,010	e1,430	e1,910	9,710	7,840	9,300	1,570	780	2,600	913
17	2,380	1,990	5,550	e1,310	e2,090	9,470	6,320	10,400	1,580	783	1,280	958
18	2,450	3,800	4,250	e1,280	e3,390	9,150	7,450	11,000	1,590	714	1,050	957
19	2,120	4,230	3,120	e1,440	10,600	9,070	7,810	10,300	1,500	733	998	965
20	2,000	3,610	e2,530	e1,550	10,500	9,340	8,410	9,880	1,360	792	719	954
21	2,090	2,620	e2,420	e1,530	9,610	8,990	10,800	9,580	1,210	713	1,130	888
22	2,310	2,200	e2,290	e1,370	8,690	7,610	10,100	9,660	1,480	700	918	726
23	2,230	2,300	e2,230	e1,240	8,050	8,010	9,950	8,840	1,830	733	844	852
24	2,220	3,370	e1,760	e1,070	6,900	8,770	11,100	8,370	2,430	649	999	893
25	2,290	3,350	e1,610	e1,090	6,080	9,390	9,160	8,570	2,460	782	1,130	851
26	2,170	2,570	e1,550	e1,100	7,040	9,210	9,540	8,700	2,470	667	1,320	833
27	2,590	3,060	e1,270	e1,230	7,260	8,690	11,400	6,510	2,190	782	1,540	870
28	3,180	3,270	e1,280	e1,350	6,030	8,470	11,900	7,950	1,910	755	1,110	984
29	3,550	2,590	e1,470	e1,340	---	8,140	9,820	8,460	1,610	896	827	1,140
30	2,590	2,280	e1,350	e1,300	---	7,900	9,320	8,340	1,520	769	712	1,550
31	2,400	---	e1,550	e1,230	---	8,180	---	8,710	---	778	839	---
Total	100,620	71,740	146,640	55,760	108,370	282,460	262,630	280,290	94,260	26,699	31,875	28,221
Mean	3,246	2,391	4,730	1,799	3,870	9,112	8,754	9,042	3,142	861	1,028	941
Max	7,340	4,230	10,900	5,290	10,600	12,000	11,900	11,000	7,990	1,440	2,600	1,550
Min	2,000	1,340	1,270	1,070	1,080	6,580	5,030	6,400	1,210	649	582	584

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1904 - 2011, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	1,514	2,161	2,866	2,947	3,256	6,182	5,981	3,531	2,101	1,330	1,029	1,059
Max	7,095	7,383	9,973	8,830	9,157	14,300	14,160	10,230	7,311	8,524	4,825	6,722
(WY)	(1978)	(1928)	(1928)	(1913)	(1925)	(1945)	(1940)	(1943)	(1972)	(1972)	(2003)	(1977)
Min	338	436	502	152	560	2,213	1,561	1,140	479	350	229	199
(WY)	(1914)	(1910)	(1910)	(1961)	(1920)	(1937)	(1946)	(1915)	(1915)	(1913)	(1913)	(1913)

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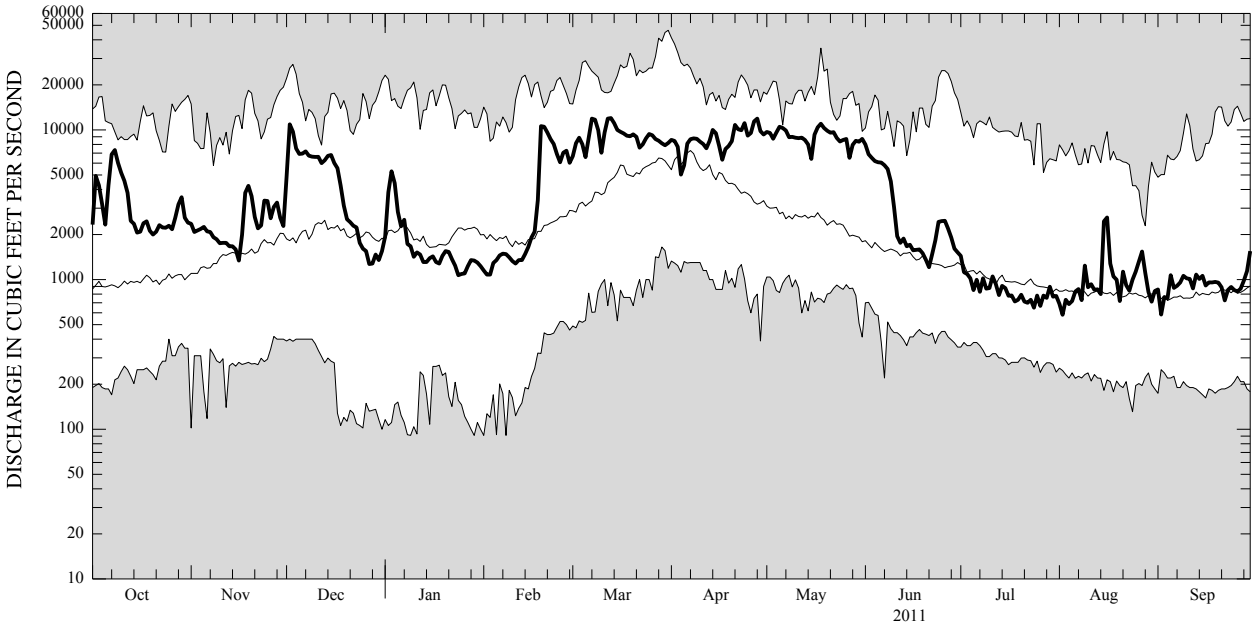
SUMMARY STATISTICS

	Calendar Year 2010		Water Year 2011		Water Years 1904 - 2011	
Annual total	1,003,375		1,489,565			
Annual mean	2,749		4,081		2,846	
Highest annual mean					4,426	1978
Lowest annual mean					1,663	1999
Highest daily mean	12,300	Mar 24	12,000	Mar 13	46,300	Mar 31, 1916
Lowest daily mean	688	Aug 20	582	Aug 2	91	Jan 9, 1961
Annual seven-day minimum	823	Sep 11	708	Jul 30	104	Jan 26, 1961
10 percent exceeds	6,720		9,480		6,970	
50 percent exceeds	1,900		2,250		1,630	
90 percent exceeds	982		851		612	



CURRENT WATER YEAR DAILY MEAN DISCHARGE (BOLD) WITH DAILY MEDIAN FOR PERIOD OF RECORD.
SHADED AREAS SHOW HIGHEST AND LOWEST DAILY MEAN FOR PERIOD OF RECORD THROUGH PREVIOUS WATER YEAR.

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WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 2010 to September 2011.
CHEMICAL DATA: Water year 2011 (d).
NUTRIENT DATA: Water year 2011 (d).
BIOLOGICAL DATA: Water year 2011 (b).
INORGANIC DATA: Water year 2011 (b).
ORGANIC DATA: Water year 2011 (b).
SEDIMENT DATA: Water year 2011 (d).

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: December 2010 to September 2011.
SPECIFIC CONDUCTANCE: December 2010 to September 2011.
pH: December 2010 to September 2011.
DISSOLVED OXYGEN: December 2010 to September 2011.
TURBIDITY: December 2010 to September 2011.

INSTRUMENTATION.--ISCO refrigerated automatic sampler since August 2010. A YSI 6920-V2 continuous monitor with water temperature, specific conductance, pH, dissolved oxygen and turbidity since December 2010 provides 15-minute-interval readings.

COOPERATION.--In cooperation with the U.S. Environmental Protection Agency's Great Lakes Restoration Initiative (GLRI).

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 29.9°C, July 24, 2011; minimum, 0.0°C, on many days during winter period.
SPECIFIC CONDUCTANCE: Maximum, 828 µS/cm @ 25°C, Feb. 15, 2011; minimum, 255 µS/cm @ 25°C, Apr. 12, 2011.
pH: Maximum, 8.6 , July 17, 19, 2011; minimum, 7.6 , Aug. 17, 18, 19, 20, Sept. 28, 2011.
DISSOLVED OXYGEN: Maximum, 14.8 mg/L, July 17, 2011; minimum, 5.3 mg/L, Aug. 17, 29, 2011.
TURBIDITY: Maximum, 900 FNU, Feb. 20, 2011; minimum, 11 FNU, on several days during winter period.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 29.9°C, July 24; minimum, 0.0°C, on many days.
SPECIFIC CONDUCTANCE: Maximum, 828 µS/cm @ 25°C, Feb. 15; minimum, 255 µS/cm @ 25°C, Apr. 12.
pH: Maximum, 8.6, July 17, 19; minimum, 7.6, Aug. 17, 18, 19, 20, Sept. 28.
DISSOLVED OXYGEN: Maximum, 14.8 mg/L, July 17; minimum, 5.3 mg/L, Aug. 17, 29.
TURBIDITY: Maximum, 900 FNU, Feb. 20; minimum, 11 FNU, on several days.

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TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	---	---	---	---	---	---	---	---	---	1.2	0.2	0.7
2	---	---	---	---	---	---	---	---	---	1.2	0.5	0.8
3	---	---	---	---	---	---	---	---	---	0.6	0.1	0.3
4	---	---	---	---	---	---	---	---	---	0.2	0.0	0.1
5	---	---	---	---	---	---	---	---	---	0.3	0.1	0.2
6	---	---	---	---	---	---	---	---	---	0.2	0.0	0.1
7	---	---	---	---	---	---	---	---	---	0.2	0.0	0.0
8	---	---	---	---	---	---	---	---	---	0.1	0.0	0.1
9	---	---	---	---	---	---	---	---	---	0.1	0.0	0.1
10	---	---	---	---	---	---	---	---	---	0.1	0.0	0.1
11	---	---	---	---	---	---	---	---	---	0.1	0.0	0.1
12	---	---	---	---	---	---	---	---	---	0.0	0.0	0.0
13	---	---	---	---	---	---	---	---	---	0.1	0.0	0.1
14	---	---	---	---	---	---	---	---	---	0.1	0.0	0.1
15	---	---	---	---	---	---	0.8	0.5	0.7	0.1	0.0	0.0
16	---	---	---	---	---	---	0.8	0.4	0.6	0.1	0.0	0.0
17	---	---	---	---	---	---	0.6	0.4	0.5	0.1	0.0	0.0
18	---	---	---	---	---	---	0.6	0.2	0.4	0.1	0.0	0.1
19	---	---	---	---	---	---	0.2	0.0	0.1	0.1	0.1	0.1
20	---	---	---	---	---	---	0.2	0.1	0.1	0.1	0.0	0.1
21	---	---	---	---	---	---	0.3	0.1	0.2	0.1	0.0	0.1
22	---	---	---	---	---	---	0.2	0.1	0.1	0.1	0.0	0.1
23	---	---	---	---	---	---	0.2	0.1	0.1	0.1	0.0	0.0
24	---	---	---	---	---	---	0.2	0.1	0.1	0.1	0.0	0.1
25	---	---	---	---	---	---	0.2	0.1	0.1	0.1	0.0	0.1
26	---	---	---	---	---	---	0.1	0.1	0.1	0.1	0.1	0.1
27	---	---	---	---	---	---	0.1	0.0	0.1	0.1	0.0	0.1
28	---	---	---	---	---	---	0.2	0.1	0.1	0.1	0.0	0.0
29	---	---	---	---	---	---	0.1	0.1	0.1	0.1	0.0	0.1
30	---	---	---	---	---	---	0.2	0.1	0.2	0.1	0.0	0.1
31	---	---	---	---	---	---	0.3	0.1	0.2	0.1	0.1	0.1
Month	---	---	---	---	---	---	---	---	---	1.2	0.0	0.1

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TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	0.1	0.0	0.1	0.6	0.1	0.3	4.5	4.0	4.3	11.9	11.3	11.7
2	0.1	0.0	0.1	0.5	0.0	0.2	4.7	3.9	4.3	11.8	11.3	11.6
3	0.1	0.1	0.1	0.3	0.0	0.1	5.4	4.1	4.8	11.6	11.1	11.4
4	0.1	0.0	0.0	0.4	0.0	0.2	6.4	4.9	5.6	11.1	9.4	10.1
5	0.0	0.0	0.0	0.8	0.3	0.6	6.9	6.3	6.6	10.5	9.2	9.8
6	0.0	0.0	0.0	0.8	0.1	0.3	6.7	4.7	6.0	11.7	10.5	11.2
7	0.0	0.0	0.0	1.0	0.0	0.3	5.5	4.4	4.9	12.1	11.5	11.8
8	0.0	0.0	0.0	0.8	0.2	0.5	6.2	5.1	5.6	12.7	11.6	12.1
9	0.1	0.0	0.0	0.9	0.6	0.7	7.1	5.5	6.3	12.9	11.6	12.2
10	0.1	0.0	0.0	1.8	0.9	1.4	7.7	6.5	7.0	12.8	11.5	12.1
11	0.1	0.0	0.1	2.6	1.8	2.3	8.4	7.0	7.7	13.2	11.4	12.2
12	0.1	0.0	0.0	2.4	1.8	2.1	8.6	7.5	8.0	13.7	12.1	12.9
13	0.1	0.0	0.0	1.8	1.6	1.8	8.0	7.4	7.7	14.8	12.6	13.8
14	0.1	0.0	0.1	1.8	1.5	1.7	8.3	7.3	7.8	15.2	13.9	14.4
15	0.1	0.0	0.1	2.1	1.3	1.7	8.6	7.5	8.1	14.8	13.3	14.2
16	0.1	0.0	0.1	2.7	1.8	2.3	8.8	8.2	8.5	13.3	11.1	11.9
17	0.1	0.0	0.1	3.4	2.2	2.9	8.7	7.8	8.3	11.1	10.8	10.9
18	0.3	0.1	0.2	4.9	3.3	4.2	8.2	7.7	8.0	13.3	11.1	12.1
19	0.2	0.0	0.0	4.8	3.6	4.4	7.7	7.2	7.5	14.2	13.3	13.9
20	0.3	0.0	0.1	3.9	3.3	3.5	7.4	6.9	7.1	15.2	14.1	14.7
21	0.0	0.0	0.0	3.9	3.3	3.6	7.7	7.0	7.4	15.8	14.8	15.3
22	0.1	0.0	0.0	4.5	3.7	4.0	7.8	7.4	7.6	15.6	14.9	15.4
23	0.3	0.0	0.1	4.1	2.8	3.4	8.1	7.2	7.7	15.6	14.7	15.3
24	0.2	0.0	0.1	3.4	2.4	2.9	8.9	8.0	8.6	16.6	15.3	15.9
25	0.2	0.0	0.1	3.8	2.8	3.2	9.5	8.8	9.3	17.5	16.1	16.8
26	0.2	0.0	0.1	4.2	3.0	3.5	10.3	9.4	9.7	18.0	16.8	17.4
27	0.4	0.0	0.2	4.6	3.2	3.8	13.2	10.3	11.6	17.5	16.6	17.1
28	0.5	0.2	0.4	4.8	3.4	4.0	14.9	13.2	14.3	16.9	16.1	16.5
29	---	---	---	5.0	3.5	4.2	15.2	12.6	14.1	18.1	16.6	17.4
30	---	---	---	5.1	3.8	4.4	12.6	11.5	11.9	19.5	18.0	18.8
31	---	---	---	4.7	4.1	4.4	---	---	---	20.3	18.9	19.6
Month	0.5	0.0	0.1	5.1	0.0	2.4	15.2	3.9	7.9	20.3	9.2	13.9

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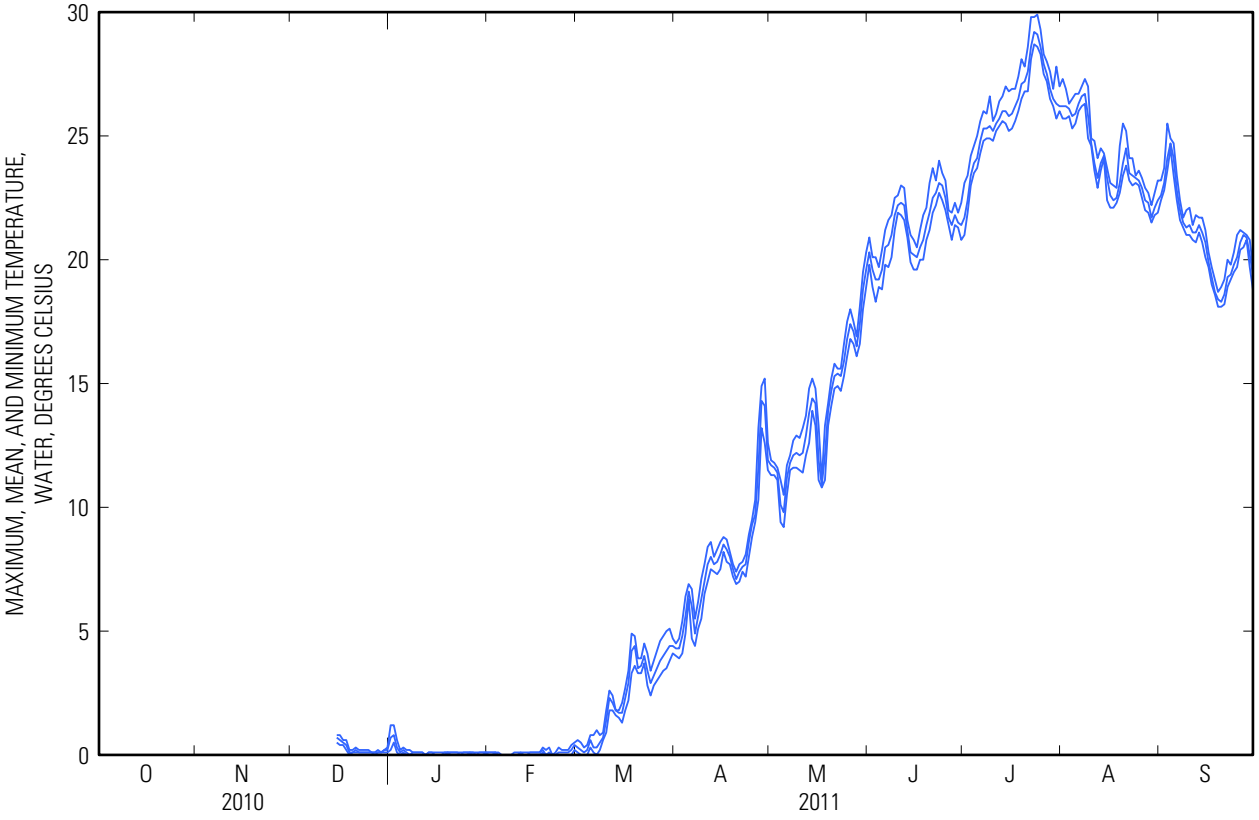
TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	20.9	19.8	20.3	23.1	21.0	21.7	27.3	25.7	26.2	23.2	22.4	22.6
2	20.1	18.9	19.6	23.4	21.9	22.4	26.9	25.7	26.2	23.7	22.8	23.1
3	20.1	18.3	19.2	24.2	23.0	23.4	26.3	25.8	26.1	25.5	23.6	24.1
4	19.7	18.9	19.2	24.6	23.5	23.9	26.5	25.3	25.8	24.9	24.5	24.7
5	20.4	18.8	19.6	25.0	23.7	24.1	26.7	25.5	25.9	24.7	23.4	24.1
6	21.2	19.8	20.5	25.6	24.3	24.8	26.7	26.0	26.3	23.4	22.4	22.8
7	21.6	19.7	20.6	26.0	24.8	25.3	27.0	26.2	26.6	22.4	21.6	22.0
8	21.8	20.1	21.0	25.9	24.9	25.3	27.3	26.3	26.7	21.7	21.3	21.5
9	22.5	21.2	21.8	26.6	24.9	25.4	27.0	24.9	25.8	22.0	21.0	21.3
10	22.6	21.9	22.2	25.6	24.8	25.2	24.9	24.6	24.7	22.1	21.0	21.4
11	23.0	21.8	22.3	25.9	25.2	25.5	24.8	23.6	23.9	21.4	20.8	21.1
12	22.9	21.6	22.2	26.4	25.4	25.7	24.1	22.9	23.3	21.8	20.7	21.1
13	21.6	20.9	21.2	26.6	25.6	26.0	24.5	23.6	23.9	21.7	21.1	21.4
14	21.0	19.9	20.3	27.0	25.5	26.0	24.3	24.1	24.2	21.7	20.7	21.1
15	20.8	19.6	20.2	26.8	25.2	25.8	23.7	22.4	23.3	21.2	20.1	20.7
16	20.5	19.6	20.1	26.9	25.3	25.9	23.1	22.1	22.6	20.3	19.7	19.9
17	21.2	20.0	20.5	26.9	25.6	26.2	23.0	22.1	22.4	19.7	19.0	19.3
18	21.8	20.0	20.8	27.4	26.0	26.5	22.9	22.3	22.5	19.2	18.6	18.7
19	22.1	20.8	21.4	28.1	26.5	27.1	24.6	22.7	23.1	18.7	18.1	18.4
20	23.1	21.2	21.9	27.8	26.8	27.2	25.5	23.4	23.9	18.9	18.1	18.3
21	23.7	21.9	22.5	28.6	26.8	27.6	25.2	23.8	24.5	19.2	18.2	18.6
22	23.2	22.2	22.7	29.8	28.1	28.6	24.1	23.2	23.5	20.0	18.9	19.3
23	24.0	22.7	23.1	29.8	28.7	29.2	24.1	23.0	23.4	19.8	19.2	19.4
24	23.5	22.4	23.0	29.9	28.6	29.1	23.4	23.1	23.3	20.3	19.5	19.8
25	23.2	22.0	22.5	29.3	28.3	28.6	23.6	23.0	23.2	21.0	19.7	20.1
26	22.0	21.4	21.7	28.3	27.5	27.9	23.3	22.5	22.9	21.2	20.4	20.7
27	21.9	20.8	21.4	28.0	27.2	27.5	22.9	22.0	22.4	21.1	20.5	21.0
28	22.3	21.4	21.8	27.6	26.5	26.9	22.7	21.9	22.3	21.0	20.8	20.9
29	21.9	21.3	21.5	26.9	26.2	26.5	22.2	21.5	21.7	20.8	19.7	20.2
30	22.3	20.8	21.4	27.8	25.7	26.3	22.7	21.8	22.1	19.7	18.8	19.4
31	---	---	---	27.0	26.0	26.2	23.2	21.9	22.4	---	---	---
Month	24.0	18.3	21.2	29.9	21.0	26.1	27.3	21.5	24.0	25.5	18.1	20.9

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued



04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	---	---	---	---	---	---	---	---	---	768	693	716
2	---	---	---	---	---	---	---	---	---	695	591	654
3	---	---	---	---	---	---	---	---	---	591	410	489
4	---	---	---	---	---	---	---	---	---	419	402	407
5	---	---	---	---	---	---	---	---	---	485	419	450
6	---	---	---	---	---	---	---	---	---	509	485	496
7	---	---	---	---	---	---	---	---	---	511	450	476
8	---	---	---	---	---	---	---	---	---	515	458	490
9	---	---	---	---	---	---	---	---	---	585	515	556
10	---	---	---	---	---	---	---	---	---	610	585	603
11	---	---	---	---	---	---	---	---	---	627	603	619
12	---	---	---	---	---	---	---	---	---	623	605	617
13	---	---	---	---	---	---	---	---	---	621	603	614
14	---	---	---	---	---	---	---	---	---	649	619	633
15	---	---	---	---	---	---	335	313	320	658	649	653
16	---	---	---	---	---	---	359	335	350	663	653	657
17	---	---	---	---	---	---	383	359	366	656	648	651
18	---	---	---	---	---	---	431	383	407	659	646	650
19	---	---	---	---	---	---	476	431	454	703	659	683
20	---	---	---	---	---	---	528	476	504	716	686	702
21	---	---	---	---	---	---	532	521	525	698	678	683
22	---	---	---	---	---	---	545	528	534	715	693	704
23	---	---	---	---	---	---	537	528	530	704	690	696
24	---	---	---	---	---	---	554	537	541	707	690	695
25	---	---	---	---	---	---	586	554	571	722	707	715
26	---	---	---	---	---	---	620	586	609	727	721	724
27	---	---	---	---	---	---	643	616	631	742	727	735
28	---	---	---	---	---	---	666	642	652	727	702	716
29	---	---	---	---	---	---	678	666	673	806	702	748
30	---	---	---	---	---	---	677	658	672	710	688	693
31	---	---	---	---	---	---	761	650	666	688	681	683
Month	---	---	---	---	---	---	---	---	---	806	402	633

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

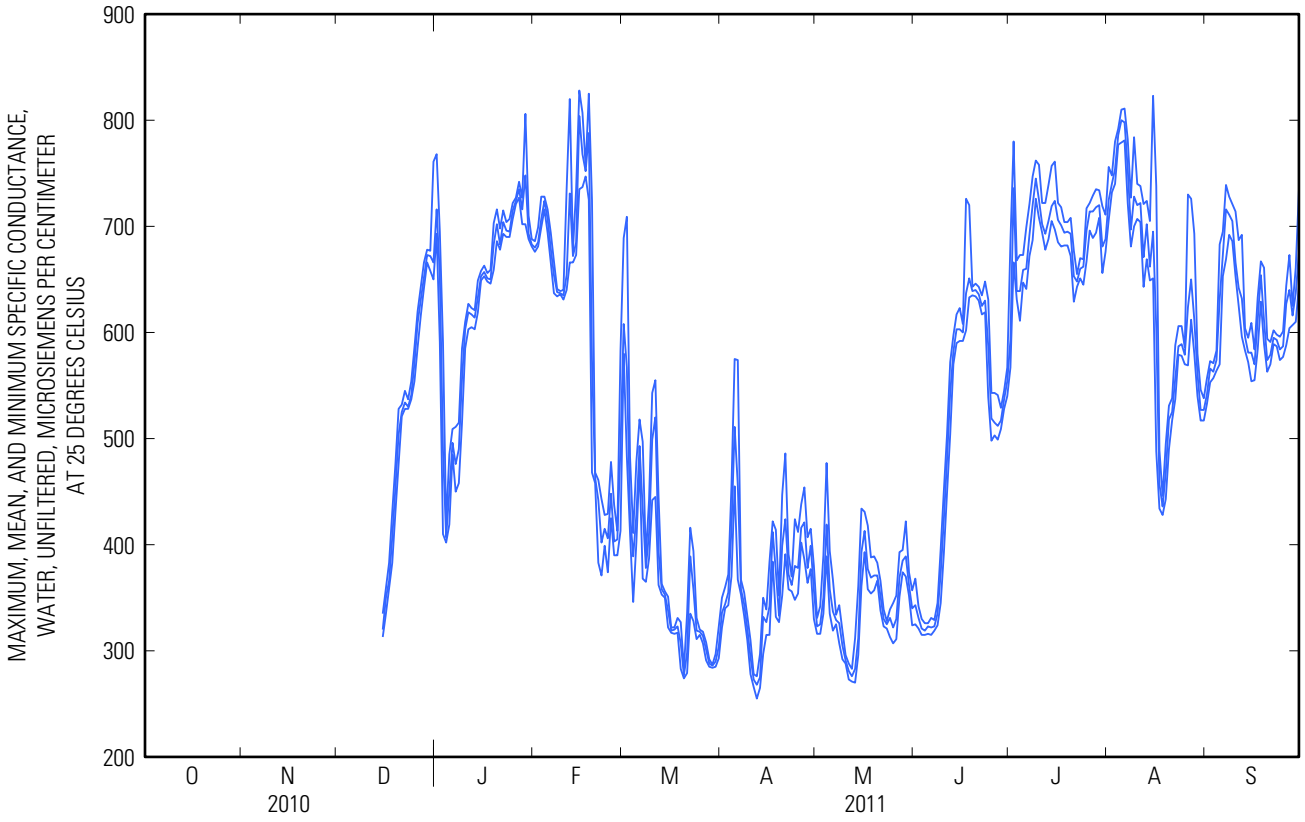
Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	686	676	680	689	580	608	350	322	336	331	316	323
2	699	681	685	709	483	567	360	340	344	342	316	325
3	728	699	707	483	411	430	372	343	355	390	335	350
4	728	716	724	411	346	389	455	370	415	477	389	419
5	716	694	707	478	402	428	575	455	511	394	335	358
6	694	666	679	518	477	493	574	367	456	367	319	337
7	667	637	654	497	368	434	367	353	358	334	325	329
8	641	634	638	389	365	378	355	333	344	343	307	326
9	639	636	637	442	387	411	333	310	321	319	292	305
10	640	631	635	543	442	499	310	278	294	296	288	291
11	735	640	654	555	445	520	278	266	273	288	273	281
12	820	666	731	445	362	393	276	255	268	283	271	276
13	678	666	672	363	353	358	297	265	275	312	270	283
14	735	673	685	356	350	353	350	297	332	361	296	312
15	828	735	804	351	322	338	339	315	327	434	361	393
16	807	737	768	322	317	319	384	315	342	431	393	413
17	756	747	752	322	316	320	422	384	412	418	358	377
18	825	725	788	331	317	323	414	332	375	388	354	369
19	725	468	574	327	283	307	352	327	333	389	357	371
20	468	458	463	283	274	277	447	352	399	383	366	371
21	461	383	442	335	279	298	486	391	424	366	338	352
22	443	371	402	416	335	389	391	358	372	339	323	330
23	428	399	415	394	328	358	370	356	362	328	321	325
24	429	374	406	331	311	319	424	348	380	339	313	331
25	478	425	448	320	315	318	412	354	378	345	307	322
26	437	390	403	318	307	314	438	402	416	352	311	330
27	413	390	405	308	291	301	454	386	421	393	351	369
28	583	413	493	292	285	288	407	364	378	395	374	385
29	---	---	---	287	284	286	415	377	399	422	370	389
30	---	---	---	297	285	290	380	330	357	374	352	362
31	---	---	---	323	293	304	---	---	---	357	324	340
Month	828	371	609	709	274	375	575	255	365	477	270	343

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	368	325	343	686	567	593	756	706	725	557	533	542
2	342	321	331	780	666	736	748	732	740	573	553	566
3	330	315	321	668	631	639	780	740	754	571	557	563
4	326	315	319	673	611	639	792	777	786	583	564	574
5	326	316	323	673	647	659	810	779	800	683	570	631
6	331	315	322	699	641	660	811	781	798	695	653	673
7	329	319	323	721	672	692	782	722	754	739	669	716
8	345	324	335	747	687	720	727	681	697	728	692	711
9	396	345	373	762	726	745	784	700	728	721	686	705
10	451	392	424	758	708	725	740	707	720	714	653	666
11	504	449	480	722	694	702	738	704	722	687	625	642
12	572	504	543	722	678	693	721	643	671	692	596	632
13	597	570	582	739	688	705	724	669	702	604	583	596
14	617	590	603	757	705	719	705	649	662	595	572	581
15	623	592	603	761	697	724	823	651	695	609	554	581
16	608	592	600	722	685	706	738	488	604	584	555	570
17	726	602	637	718	681	701	489	434	457	633	584	612
18	720	633	651	704	682	694	446	428	436	667	629	654
19	643	635	639	704	682	695	495	443	468	661	589	611
20	646	634	640	708	672	693	531	490	518	594	563	574
21	643	630	636	677	629	653	538	517	525	591	570	579
22	635	617	625	655	643	648	588	537	557	602	589	595
23	648	619	630	670	651	660	606	579	587	598	587	593
24	631	539	587	669	645	662	606	578	589	596	574	584
25	543	498	519	717	667	696	586	570	579	601	577	587
26	543	503	515	722	696	714	730	569	624	644	588	627
27	541	499	512	729	689	714	726	612	650	673	604	640
28	529	509	517	735	694	718	693	580	612	625	607	616
29	545	528	537	734	708	720	580	540	561	661	610	637
30	567	540	554	719	656	681	546	517	527	734	644	675
31	---	---	---	711	676	688	538	517	527	---	---	---
Month	726	315	501	780	567	690	823	428	638	739	533	618

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

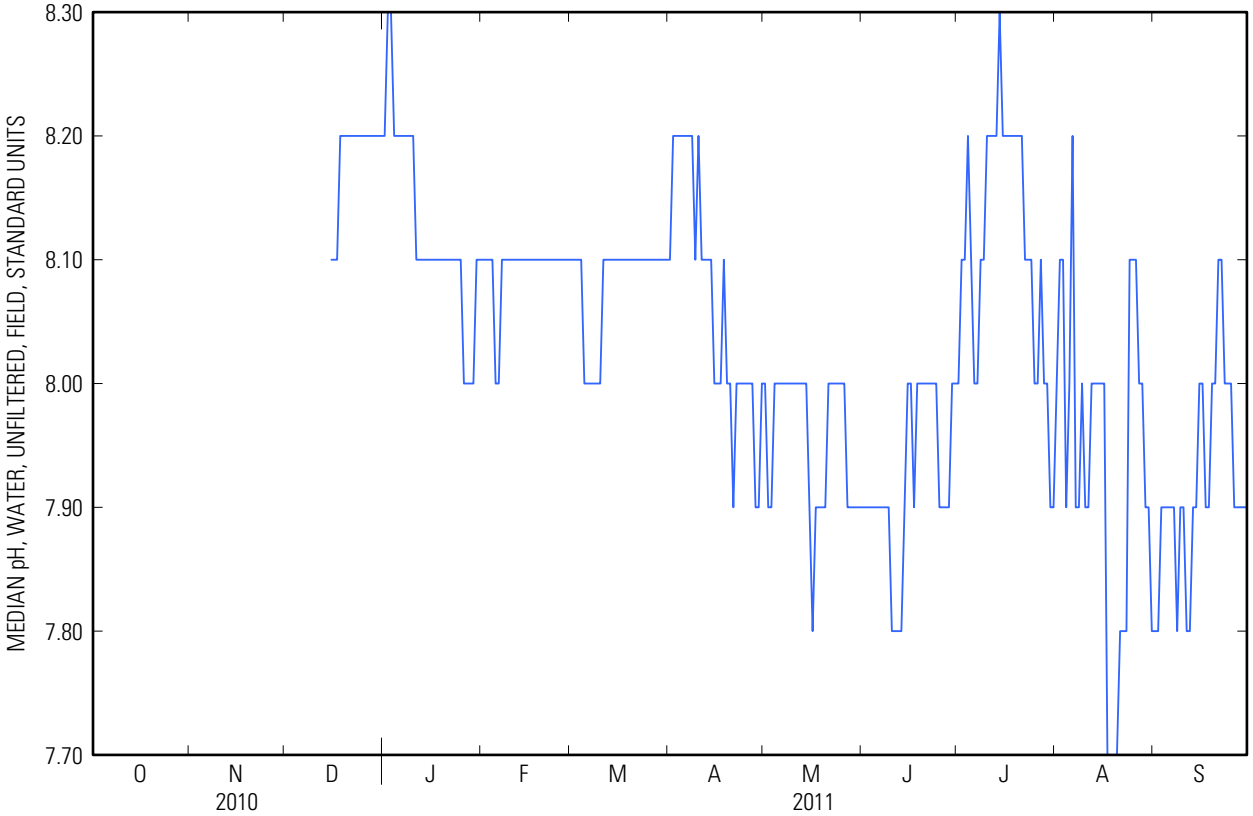


04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

pH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MEDIAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	8.2	8.1	8.1	8.1	8.0	7.9	8.0	8.0	7.8
2	---	---	---	8.3	8.1	8.1	8.2	7.9	7.9	8.1	8.1	7.8
3	---	---	---	8.3	8.1	8.1	8.2	7.9	7.9	8.1	8.1	7.9
4	---	---	---	8.2	8.1	8.1	8.2	8.0	7.9	8.2	7.9	7.9
5	---	---	---	8.2	8.0	8.0	8.2	8.0	7.9	8.1	8.0	7.9
6	---	---	---	8.2	8.0	8.0	8.2	8.0	7.9	8.0	8.2	7.9
7	---	---	---	8.2	8.1	8.0	8.2	8.0	7.9	8.0	7.9	7.9
8	---	---	---	8.2	8.1	8.0	8.2	8.0	7.9	8.1	7.9	7.8
9	---	---	---	8.2	8.1	8.0	8.1	8.0	7.9	8.1	8.0	7.9
10	---	---	---	8.2	8.1	8.0	8.2	8.0	7.8	8.2	7.9	7.9
11	---	---	---	8.1	8.1	8.1	8.1	8.0	7.8	8.2	7.9	7.8
12	---	---	---	8.1	8.1	8.1	8.1	8.0	7.8	8.2	8.0	7.8
13	---	---	---	8.1	8.1	8.1	8.1	8.0	7.8	8.2	8.0	7.9
14	---	---	---	8.1	8.1	8.1	8.1	8.0	7.9	8.3	8.0	7.9
15	---	---	8.1	8.1	8.1	8.1	8.0	7.9	8.0	8.2	8.0	8.0
16	---	---	8.1	8.1	8.1	8.1	8.0	7.8	8.0	8.2	8.0	8.0
17	---	---	8.1	8.1	8.1	8.1	8.0	7.9	7.9	8.2	7.7	7.9
18	---	---	8.2	8.1	8.1	8.1	8.1	7.9	8.0	8.2	7.7	7.9
19	---	---	8.2	8.1	8.1	8.1	8.0	7.9	8.0	8.2	7.7	8.0
20	---	---	8.2	8.1	8.1	8.1	8.0	7.9	8.0	8.2	7.7	8.0
21	---	---	8.2	8.1	8.1	8.1	7.9	8.0	8.0	8.2	7.8	8.1
22	---	---	8.2	8.1	8.1	8.1	8.0	8.0	8.0	8.1	7.8	8.1
23	---	---	8.2	8.1	8.1	8.1	8.0	8.0	8.0	8.1	7.8	8.0
24	---	---	8.2	8.1	8.1	8.1	8.0	8.0	8.0	8.1	8.1	8.0
25	---	---	8.2	8.1	8.1	8.1	8.0	8.0	7.9	8.0	8.1	8.0
26	---	---	8.2	8.0	8.1	8.1	8.0	8.0	7.9	8.0	8.1	7.9
27	---	---	8.2	8.0	8.1	8.1	8.0	7.9	7.9	8.1	8.0	7.9
28	---	---	8.2	8.0	8.1	8.1	7.9	7.9	7.9	8.0	8.0	7.9
29	---	---	8.2	8.0	---	8.1	7.9	7.9	8.0	8.0	7.9	7.9
30	---	---	8.2	8.1	---	8.1	8.0	7.9	8.0	7.9	7.9	7.9
31	---	---	8.2	8.1	---	8.1	---	7.9	---	7.9	7.8	---
Max	---	---	---	8.3	8.1	8.1	8.2	8.0	8.0	8.3	8.2	8.1
Min	---	---	---	8.0	8.0	8.0	7.9	7.8	7.8	7.9	7.7	7.8
Med	---	---	---	8.1	8.1	8.1	8.1	8.0	7.9	8.1	8.0	7.9

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued



04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	---	---	---	---	---	---	---	---	---	13.3	13.0	13.1
2	---	---	---	---	---	---	---	---	---	13.4	12.9	13.1
3	---	---	---	---	---	---	---	---	---	13.8	13.4	13.6
4	---	---	---	---	---	---	---	---	---	13.8	13.7	13.8
5	---	---	---	---	---	---	---	---	---	13.7	13.5	13.6
6	---	---	---	---	---	---	---	---	---	13.7	13.4	13.6
7	---	---	---	---	---	---	---	---	---	13.7	13.4	13.6
8	---	---	---	---	---	---	---	---	---	13.8	13.5	13.6
9	---	---	---	---	---	---	---	---	---	13.6	13.3	13.4
10	---	---	---	---	---	---	---	---	---	13.6	13.2	13.3
11	---	---	---	---	---	---	---	---	---	13.7	13.4	13.5
12	---	---	---	---	---	---	---	---	---	13.6	13.4	13.5
13	---	---	---	---	---	---	---	---	---	13.6	13.3	13.4
14	---	---	---	---	---	---	---	---	---	13.6	13.3	13.5
15	---	---	---	---	---	---	13.7	13.5	13.6	13.5	13.2	13.3
16	---	---	---	---	---	---	13.7	13.6	13.7	13.4	13.2	13.3
17	---	---	---	---	---	---	13.7	13.6	13.7	13.4	13.2	13.3
18	---	---	---	---	---	---	13.7	13.7	13.7	13.4	13.2	13.3
19	---	---	---	---	---	---	13.7	13.6	13.6	13.4	13.1	13.3
20	---	---	---	---	---	---	13.6	13.2	13.5	13.2	12.9	13.0
21	---	---	---	---	---	---	13.5	13.2	13.4	13.3	13.1	13.2
22	---	---	---	---	---	---	13.7	13.5	13.6	13.4	13.1	13.2
23	---	---	---	---	---	---	13.7	13.5	13.6	13.4	13.2	13.2
24	---	---	---	---	---	---	13.7	13.5	13.6	13.4	13.1	13.2
25	---	---	---	---	---	---	13.7	13.5	13.6	13.2	13.0	13.1
26	---	---	---	---	---	---	13.6	13.3	13.5	13.1	12.9	13.0
27	---	---	---	---	---	---	13.5	13.5	13.5	12.9	12.7	12.8
28	---	---	---	---	---	---	13.5	13.4	13.4	13.0	12.7	12.8
29	---	---	---	---	---	---	13.4	13.3	13.3	13.0	12.7	12.9
30	---	---	---	---	---	---	13.3	13.2	13.3	13.1	12.9	13.0
31	---	---	---	---	---	---	13.4	13.1	13.3	13.2	13.0	13.1
Month	---	---	---	---	---	---	---	---	---	13.8	12.7	13.3

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

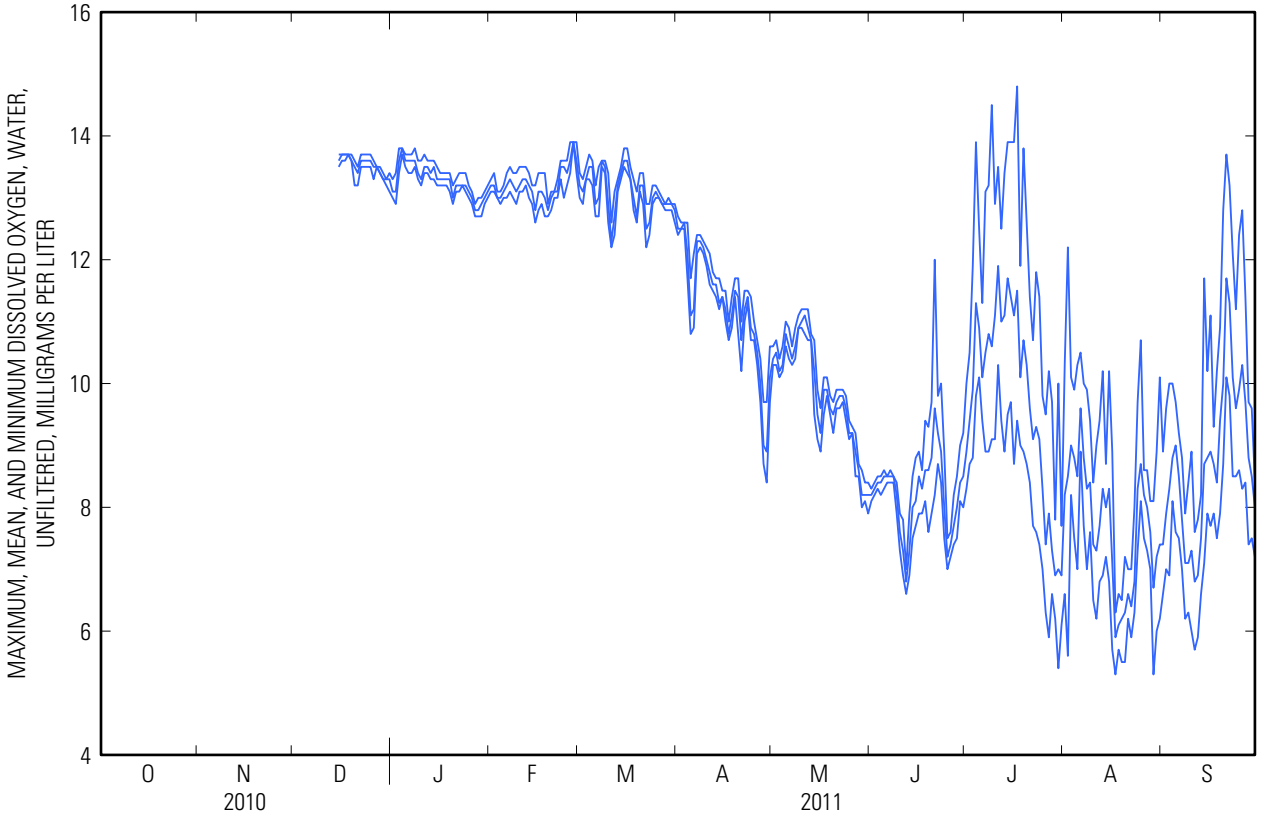
Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	13.3	13.1	13.2	13.4	13.0	13.2	12.7	12.4	12.5	10.6	10.3	10.4
2	13.4	13.1	13.2	13.3	12.9	13.1	12.6	12.5	12.5	10.7	10.3	10.5
3	13.1	13.0	13.0	13.5	13.3	13.3	12.6	12.5	12.6	10.4	10.1	10.2
4	13.1	12.9	13.0	13.7	13.3	13.5	12.6	11.7	12.1	10.6	10.2	10.3
5	13.2	13.0	13.1	13.6	13.2	13.5	11.7	10.8	11.1	11.0	10.6	10.8
6	13.4	13.0	13.2	13.2	12.7	12.9	12.1	10.9	11.2	10.9	10.4	10.6
7	13.5	13.1	13.3	13.5	12.7	13.0	12.4	12.1	12.3	10.6	10.3	10.4
8	13.4	13.0	13.2	13.6	13.5	13.6	12.4	12.2	12.3	10.9	10.4	10.6
9	13.4	12.9	13.1	13.6	13.4	13.5	12.3	12.1	12.2	11.1	10.9	10.9
10	13.5	13.1	13.2	13.4	12.6	12.9	12.2	11.9	12.0	11.2	10.9	11.0
11	13.5	13.1	13.3	12.6	12.2	12.3	12.1	11.6	11.8	11.2	10.8	11.1
12	13.5	13.2	13.3	13.1	12.4	12.7	11.8	11.5	11.6	11.2	10.7	10.9
13	13.4	13.0	13.2	13.3	13.1	13.2	11.7	11.4	11.6	10.8	10.7	10.7
14	13.2	12.9	13.1	13.5	13.3	13.4	11.7	11.2	11.3	10.7	9.5	10.2
15	13.2	12.6	12.8	13.8	13.5	13.6	11.5	11.4	11.4	9.9	9.1	9.5
16	13.4	12.8	13.1	13.8	13.4	13.6	11.5	11.0	11.2	9.6	8.9	9.2
17	13.4	12.9	13.1	13.5	13.3	13.3	11.0	10.7	10.8	10.1	9.5	9.9
18	13.4	12.7	13.0	13.3	12.8	13.0	11.4	10.9	11.1	10.1	9.8	9.9
19	12.9	12.7	12.8	13.1	12.6	12.7	11.7	11.4	11.5	9.8	9.5	9.6
20	13.1	12.8	13.0	13.4	13.1	13.2	11.7	10.8	11.4	9.7	9.2	9.5
21	13.1	13.0	13.1	13.4	12.9	13.2	11.0	10.2	10.7	9.9	9.6	9.7
22	13.3	13.0	13.1	12.9	12.2	12.5	11.5	11.0	11.2	9.9	9.6	9.8
23	13.6	13.3	13.5	12.9	12.4	12.6	11.5	11.3	11.4	9.9	9.7	9.8
24	13.6	13.0	13.5	13.2	12.9	13.0	11.4	10.7	10.9	9.8	9.4	9.6
25	13.6	13.2	13.4	13.2	13.0	13.1	11.0	10.7	10.8	9.4	9.1	9.2
26	13.9	13.4	13.6	13.1	13.0	13.0	10.7	10.3	10.5	9.3	9.2	9.2
27	13.9	13.9	13.9	13.0	12.9	12.9	10.4	9.7	10.0	9.2	8.5	8.9
28	13.9	13.4	13.6	12.9	12.8	12.9	9.7	8.7	9.0	8.7	8.5	8.6
29	---	---	---	13.0	12.8	12.9	9.7	8.4	8.9	8.6	8.0	8.2
30	---	---	---	12.9	12.8	12.9	10.6	9.7	10.1	8.4	8.1	8.2
31	---	---	---	12.9	12.6	12.8	---	---	---	8.4	7.9	8.2
Month	13.9	12.6	13.2	13.8	12.2	13.1	12.7	8.4	11.3	11.2	7.9	9.9

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	8.3	8.1	8.2	10.0	8.3	8.9	10.3	6.6	8.2	8.9	6.6	7.4
2	8.4	8.2	8.3	10.5	8.7	9.4	12.2	5.6	8.5	9.6	7.0	7.9
3	8.5	8.3	8.4	11.9	8.8	9.9	10.1	8.2	9.0	10.0	6.9	8.3
4	8.5	8.2	8.4	13.9	9.8	11.3	9.9	7.5	8.8	10.0	8.1	8.8
5	8.6	8.3	8.5	12.5	10.1	10.9	10.3	7.0	8.5	9.7	7.6	9.0
6	8.5	8.4	8.5	11.3	9.4	10.1	10.5	8.9	9.6	9.2	7.5	8.5
7	8.6	8.4	8.5	13.1	8.9	10.5	10.0	7.7	8.8	8.8	7.0	7.8
8	8.5	8.4	8.5	13.2	8.9	10.8	9.9	7.0	8.3	7.9	6.2	7.1
9	8.4	7.9	8.2	14.5	9.1	10.6	9.4	7.6	8.4	8.4	6.3	7.1
10	7.9	7.3	7.6	12.9	9.1	11.1	8.4	6.5	7.4	8.9	6.0	7.3
11	7.8	6.9	7.3	13.5	10.3	11.9	9.0	6.2	7.3	7.6	5.7	6.8
12	7.0	6.6	6.8	12.5	9.4	11.0	9.4	6.8	7.7	7.8	5.9	6.9
13	7.9	6.9	7.3	13.4	8.9	11.1	10.2	6.9	8.3	8.2	6.6	7.5
14	8.5	7.5	8.0	13.9	9.5	11.7	8.7	7.2	8.0	11.7	7.1	8.7
15	8.8	7.7	8.1	13.9	9.7	11.4	10.2	6.8	8.3	10.2	7.9	8.8
16	8.9	7.9	8.5	13.9	8.7	11.1	8.9	5.7	7.1	11.1	7.7	8.9
17	8.6	7.9	8.3	14.8	9.4	11.5	6.3	5.3	5.9	9.3	7.9	8.7
18	9.4	8.1	8.6	11.9	9.0	10.1	6.6	5.7	6.1	10.2	7.5	8.4
19	9.3	7.6	8.6	13.8	8.9	10.7	6.5	5.5	6.2	10.9	7.9	9.4
20	9.7	7.9	8.8	12.6	8.7	10.3	7.2	5.5	6.3	12.8	8.7	10.0
21	12.0	8.2	9.6	11.4	8.4	9.6	7.0	6.2	6.6	13.7	10.1	11.7
22	9.8	8.7	9.2	10.7	7.7	9.1	7.0	5.9	6.4	13.2	9.8	11.3
23	10.0	8.4	8.9	11.8	7.6	9.3	8.0	6.3	6.8	12.1	8.5	10.1
24	8.9	7.5	8.0	11.4	7.4	9.1	9.7	7.3	8.3	11.2	8.5	9.6
25	7.5	7.0	7.2	9.8	7.0	8.3	10.7	8.1	8.7	12.4	8.6	9.9
26	7.6	7.2	7.4	9.5	6.3	7.4	8.6	7.5	8.2	12.8	8.3	10.3
27	8.2	7.4	7.7	10.2	5.9	7.9	8.6	7.3	8.0	11.4	8.4	9.7
28	8.5	7.5	8.0	9.7	6.6	7.3	8.1	7.0	7.6	9.7	7.4	8.8
29	9.0	8.1	8.4	7.8	6.2	6.9	8.1	5.3	6.7	9.6	7.5	8.5
30	9.2	8.0	8.5	10.0	5.4	7.0	8.9	6.0	7.2	8.4	7.2	8.0
31	---	---	---	7.7	6.1	6.9	10.1	6.2	7.4	---	---	---
Month	12.0	6.6	8.2	14.8	5.4	9.8	12.2	5.3	7.7	13.7	5.7	8.7

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued



04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	---	---	---	---	---	---	---	---	---	20	14	16
2	---	---	---	---	---	---	---	---	---	85	18	37
3	---	---	---	---	---	---	---	---	---	420	85	250
4	---	---	---	---	---	---	---	---	---	420	170	320
5	---	---	---	---	---	---	---	---	---	230	83	140
6	---	---	---	---	---	---	---	---	---	87	45	64
7	---	---	---	---	---	---	---	---	---	47	34	40
8	---	---	---	---	---	---	---	---	---	37	27	30
9	---	---	---	---	---	---	---	---	---	30	24	27
10	---	---	---	---	---	---	---	---	---	30	18	21
11	---	---	---	---	---	---	---	---	---	19	16	17
12	---	---	---	---	---	---	---	---	---	17	15	16
13	---	---	---	---	---	---	---	---	---	16	14	15
14	---	---	---	---	---	---	---	---	---	15	13	14
15	---	---	---	---	---	---	230	130	170	14	13	14
16	---	---	---	---	---	---	130	88	100	14	13	14
17	---	---	---	---	---	---	100	76	91	14	12	13
18	---	---	---	---	---	---	90	74	81	14	12	13
19	---	---	---	---	---	---	100	65	78	14	12	13
20	---	---	---	---	---	---	220	88	140	14	11	12
21	---	---	---	---	---	---	200	49	88	13	12	12
22	---	---	---	---	---	---	51	36	41	14	12	12
23	---	---	---	---	---	---	37	30	34	13	12	12
24	---	---	---	---	---	---	34	25	30	16	12	12
25	---	---	---	---	---	---	27	24	25	13	12	12
26	---	---	---	---	---	---	25	20	22	36	12	14
27	---	---	---	---	---	---	21	15	18	41	11	13
28	---	---	---	---	---	---	20	14	15	12	11	11
29	---	---	---	---	---	---	32	12	14	29	11	13
30	---	---	---	---	---	---	14	12	13	12	11	12
31	---	---	---	---	---	---	14	13	14	14	12	12
Month	---	---	---	---	---	---	---	---	---	420	11	39

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

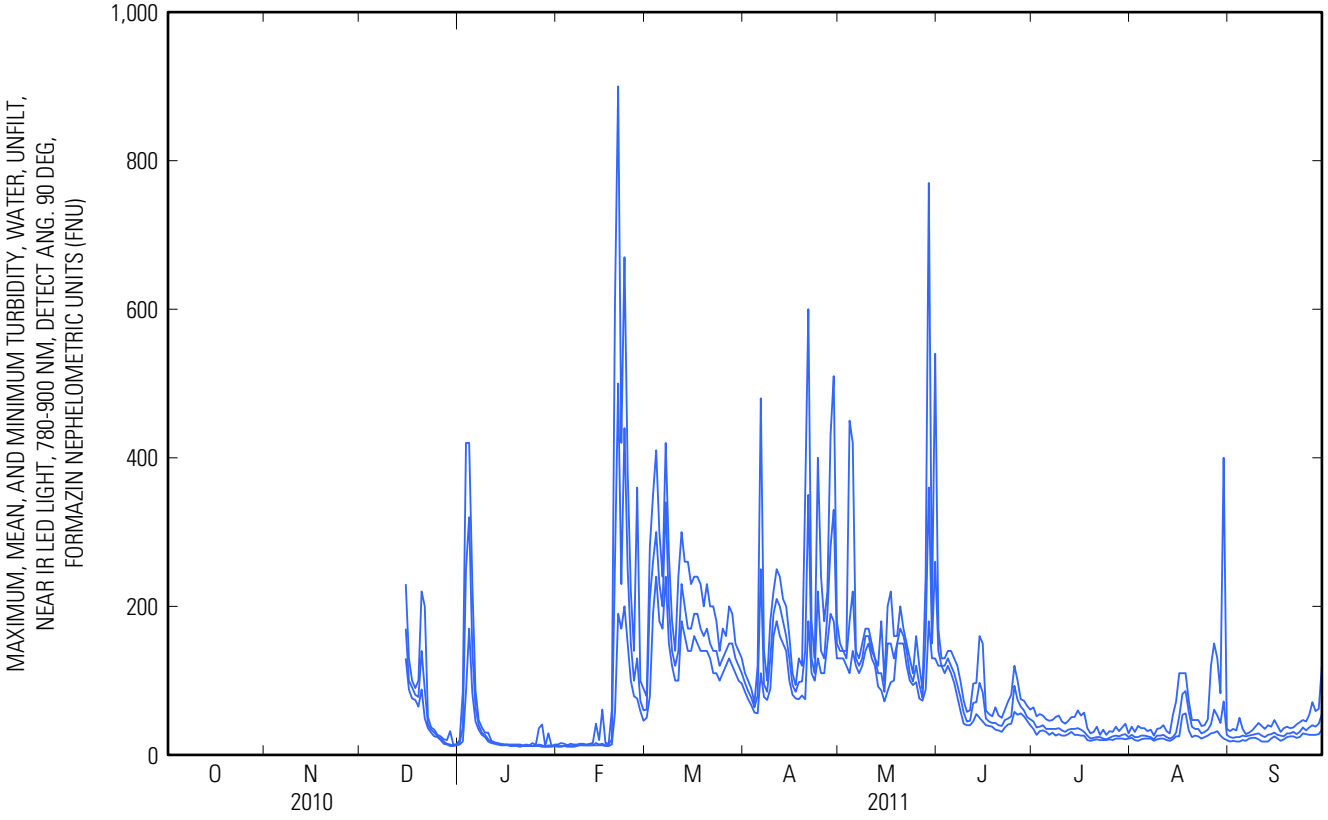
Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	14	11	12	79	50	61	110	85	97	150	130	140
2	16	11	12	280	79	210	100	75	86	140	130	140
3	15	12	12	350	190	260	89	67	77	140	120	130
4	13	11	12	410	240	300	70	57	64	450	110	180
5	15	11	12	300	180	230	120	56	80	420	140	220
6	14	11	12	240	170	200	480	110	250	140	120	130
7	14	12	13	420	240	340	140	78	95	130	110	120
8	15	13	14	270	150	200	100	74	85	150	120	130
9	15	13	13	180	120	140	180	89	130	170	140	160
10	14	13	13	140	100	120	220	160	190	170	150	160
11	15	13	13	240	100	140	250	180	210	150	130	140
12	16	13	13	300	180	230	240	160	200	130	120	130
13	42	13	16	260	160	200	210	150	180	120	92	110
14	20	13	14	260	140	170	200	140	160	180	87	110
15	61	13	15	230	140	170	160	100	130	99	72	85
16	16	12	13	240	160	190	110	81	94	200	86	150
17	15	12	14	240	150	190	94	76	85	220	98	150
18	60	14	21	230	140	170	130	75	98	160	100	130
19	610	57	260	200	140	160	120	80	99	160	150	150
20	900	190	500	230	140	170	350	75	140	200	150	170
21	420	170	230	200	130	150	600	180	350	170	150	160
22	670	200	440	200	110	140	180	110	130	150	120	140
23	380	150	250	180	110	140	130	100	110	130	100	110
24	220	100	150	140	100	120	400	130	220	110	94	99
25	140	79	100	170	110	130	240	110	140	160	98	120
26	360	76	130	160	120	140	180	110	130	120	76	95
27	100	59	73	200	130	150	220	150	190	89	73	77
28	89	46	60	190	120	150	430	190	280	240	88	160
29	---	---	---	150	110	130	510	180	330	770	180	360
30	---	---	---	140	100	120	180	130	150	190	130	150
31	---	---	---	130	96	110	---	---	---	540	130	260
Month	900	11	87	420	50	170	600	56	150	770	72	150

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	170	120	140	64	35	45	38	23	27	32	18	24
2	130	120	120	52	27	37	31	20	24	35	19	23
3	130	110	120	55	32	38	39	19	24	33	18	24
4	140	120	130	53	33	40	36	21	26	50	18	24
5	140	110	120	48	31	35	36	22	26	35	20	26
6	130	97	110	46	27	35	32	22	25	28	19	25
7	120	78	94	47	30	35	34	22	24	30	22	26
8	99	59	77	51	26	35	26	19	21	33	23	27
9	73	42	57	53	28	36	35	21	26	38	23	28
10	58	40	45	45	26	33	36	22	26	43	21	29
11	60	40	46	42	26	31	40	22	27	39	18	26
12	96	45	70	46	28	34	32	20	24	35	18	24
13	97	55	71	51	31	35	29	19	22	40	18	27
14	160	50	97	51	27	35	54	21	24	38	22	28
15	150	45	84	60	27	36	72	25	30	47	25	30
16	60	40	49	53	26	34	110	25	52	39	22	27
17	55	39	45	57	26	31	110	54	82	31	19	26
18	52	38	43	36	20	26	110	56	86	36	21	25
19	64	34	43	29	19	22	73	33	58	38	24	29
20	53	33	40	31	20	23	47	24	38	36	25	29
21	50	31	39	38	21	24	47	26	35	37	25	31
22	61	37	47	27	20	24	47	25	35	41	23	28
23	72	41	49	34	20	22	39	22	29	44	24	31
24	81	42	52	27	20	21	40	24	31	47	29	37
25	120	58	93	32	21	23	48	26	34	45	28	33
26	100	54	74	31	20	25	120	29	41	54	27	37
27	75	56	65	38	22	26	150	30	61	71	27	40
28	73	52	60	32	22	25	130	32	53	59	27	38
29	66	46	51	37	22	27	83	26	43	62	28	42
30	61	40	48	42	21	28	400	22	72	120	34	55
31	---	---	---	29	22	24	35	20	27	---	---	---
Month	170	31	73	64	19	30	400	19	37	120	18	30

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued



04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 1 of 15

[FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; ft, feet; ft3/s, cubic feet per second; ft^3/s, cubic feet per second; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Discharge, ft3/s (00060)	Discharge, instantaneous, ft^3/s (00061)	Dissolved oxygen, water, unfiltered, mg/L (00300)	pH, water, unfiltered, field, standard units (00400)	pH, water, unfiltered, laboratory, standard units (00403)	Specific conductance, water, unfiltered, laboratory, µS/cm at 25 °C (90095)	Specific conductance, water, unfiltered, µS/cm at 25 °C (00095)	Temperature, water, °C (00010)
10-28-2010	**1420**	3,420	--	13.8	8.3	--	--	492	.2
10-28-2010	**1425**	3,420	--	13.8	8.3	--	--	492	.2
04-05-2011	**0820**	--	6,170	11.7	8.4	7.8	510	476	6.4
04-05-2011	**1640**	--	6,010	11.4	8.4	--	--	550	6.8
04-06-2011	**0850**	--	8,150	11.3	8.4	--	--	455	6.4
04-19-2011	**2045**	--	7,530	11.5	8.0	--	356	337	7.4
04-20-2011	**1300**	--	8,430	11.2	8.0	--	406	395	7.2
04-20-2011	**2245**	--	11,100	10.9	7.9	--	443	414	7.0
04-21-2011	**0645**	--	12,200	10.6	7.9	--	418	411	7.3
04-22-2011	**2115**	--	9,820	10.7	8.0	--	438	425	7.5
04-26-2011	**0925**	--	8,880	10.1	7.9	8.1	426	415	9.4
05-15-2011	**2015**	--	6,470	8.9	7.9	--	--	393	14.0
05-16-2011	**0800**	--	9,340	8.5	7.8	--	--	411	12.2
05-17-2011	**1245**	--	10,300	9.5	7.9	8.1	374	360	11.7
06-02-2011	**0720**	--	6,880	7.8	7.9	8.1	340	318	19.2
07-07-2011	**0800**	--	846	8.2	7.9	8.2	714	660	24.9
08-03-2011	**1020**	--	617	9.3	8.1	--	--	753	26.1
08-08-2011	**0945**	--	672	7.5	7.8	8.1	682	681	26.4

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 2 of 15

[FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; ft, feet; ft3/s, cubic feet per second; ft³/s, cubic feet per second; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Turbidity, water, unfiltered, monochrome near infrared LED light, 780-900 nm, detection angle 90 +/- 2.5 degrees, FNU (63680)	Gage height, ft (00065)	alpha-HCH-d6, surrogate, Schedule OCSS, suspended sediment, percent recovery (99990)	Isodrin, surrogate, Schedule OCSS, suspended sediment, percent recovery (99991)	PCB congener 207, surrogate, Schedule OCSS, suspended sediment, percent recovery (99992)	Bisphenol A-d3, surrogate, Schedule 4433 and Labcode 8033 (WWWW), water, unfiltered, percent recovery (62839)	Caffeine-13C, surrogate, Schedule 4433 and Labcode 8033 (WWWW), water, unfiltered, percent recovery (62840)	Deca-fluoro-biphenyl, surrogate, Schedule 4433 and Labcode 8033 (WWWW), water, unfiltered, percent recovery (62841)
10-28-2010	**1420**	71	--	95.3	78.6	74.8	--	--	--
10-28-2010	**1425**	71	--	83.8	71.9	66.8	--	--	--
04-05-2011	**0820**	73	12.56	--	--	--	--	--	--
04-05-2011	**1640**	190	12.40	--	--	--	--	--	--
04-06-2011	**0850**	320	12.54	--	--	--	--	--	--
04-19-2011	**2045**	86	12.61	--	--	--	--	--	--
04-20-2011	**1300**	130	12.75	--	--	--	--	--	--
04-20-2011	**2245**	250	13.04	--	--	--	--	--	--
04-21-2011	**0645**	320	11.91	--	--	--	--	--	--
04-22-2011	**2115**	320	11.98	--	--	--	--	--	--
04-26-2011	**0925**	110	12.79	--	--	--	--	--	--
05-15-2011	**2015**	70	11.85	--	--	--	--	--	--
05-16-2011	**0800**	110	11.26	--	--	--	--	--	--
05-17-2011	**1245**	130	11.05	--	--	--	--	--	--
06-02-2011	**0720**	100	11.65	--	--	--	--	--	--
07-07-2011	**0800**	22	12.62	--	--	--	--	--	--
08-03-2011	**1020**	23	12.89	--	--	--	103	92.3	64.6
08-08-2011	**0945**	23	12.76	--	--	--	--	--	--

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
Part 3 of 15

[FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; ft, feet; ft3/s, cubic feet per second; ft^3/s, cubic feet per second; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Fluor-anthene-d10, surrogate, Schedule 4433 and Labcode 8033 (WWWW), water, unfiltered, percent recovery (62842)	Sample volume, Schedule OCSS, suspended sediment, milliliters (99993)	Sample volume, Schedule 4433 and Labcode 8033 (WWWW), milliliters (99963)	Sampling method (82398)	Calcium, water, filtered, mg/L (00915)	Magne-sium, water, filtered, mg/L (00925)	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)
10-28-2010	1420	--	21.9	--	Sediment core	--	--	--	--
10-28-2010	1425	--	22.1	--	Sediment core	--	--	--	--
04-05-2011	0820	--	--	--	EWI	57.6	13.3	50.3	.158
04-05-2011	1640	--	--	--	SS Pumping	--	--	60.4	--
04-06-2011	0850	--	--	--	SS Pumping	--	--	48.5	--
04-19-2011	2045	--	--	--	SS Pumping	--	--	30.4	--
04-20-2011	1300	--	--	--	SS Pumping	--	--	37.6	--
04-20-2011	2245	--	--	--	SS Pumping	--	--	38.5	--
04-21-2011	0645	--	--	--	SS Pumping	--	--	37.1	--
04-22-2011	2115	--	--	--	SS Pumping	--	--	40.9	--
04-26-2011	0925	--	--	--	EWI	48.8	11.5	35.3	.105
05-15-2011	2015	--	--	--	SS Pumping	--	--	32.9	--
05-16-2011	0800	--	--	--	SS Pumping	--	--	35.3	--
05-17-2011	1245	--	--	--	SS Pumping	44.9	10.7	--	--
06-02-2011	0720	--	--	--	SS Pumping	41.4	9.12	22.8	.121
07-07-2011	0800	--	--	--	SS Pumping	79.6	17.2	61.6	.169
08-03-2011	1020	97.8	--	936	EWI	--	--	--	--
08-08-2011	0945	--	--	--	EWI	77.6	17.7	59.4	.179

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 4 of 15

[FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; ft, feet; ft3/s, cubic feet per second; ft^3/s, cubic feet per second; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Sulfate, water, filtered, mg/L (00945)	Ammonia, water, filtered, mg/L as N (00608)	Nitrate plus nitrite, water, filtered, mg/L as N (00631)	Nitrite, water, filtered, mg/L as N (00613)	Orthophos-phate, water, filtered, mg/L as P (00671)	Phosphorus, water, unfiltered, mg/L as P (00665)	Total nitrogen, water, unfiltered, analytically determined, mg/L (62855)	1,4-Dichloro-benzene, water, unfiltered, recover-able, µg/L (34571)
10-28-2010	1420	--	--	--	--	--	--	--	--
10-28-2010	1425	--	--	--	--	--	--	--	--
04-05-2011	0820	45.7	< .010	1.25	.0108	.00535	.136	1.76	--
04-05-2011	1640	--	.0477	1.21	.0124	.0107	.128	1.91	--
04-06-2011	0850	--	.0310	1.16	.0124	.0118	.388	2.12	--
04-19-2011	2045	--	.0237	.883	.00609	.00795	.0885	1.27	--
04-20-2011	1300	--	.0343	.857	.00633	.0118	.192	1.48	--
04-20-2011	2245	--	.0248	1.03	.00843	.0222	.645	2.50	--
04-21-2011	0645	--	.0402	1.02	.00926	.0258	.504	2.23	--
04-22-2011	2115	--	.0447	1.04	.00794	.0182	.325	2.18	--
04-26-2011	0925	32.4	.0185	.973	.0104	.0164	.193	1.57	--
05-15-2011	2015	--	.0471	.930	.0129	.0108	.116	1.42	--
05-16-2011	0800	--	.0505	.870	.0134	.0189	.187	1.80	--
05-17-2011	1245	--	.0559	.974	.0139	.0256	.194	1.78	--
06-02-2011	0720	30.1	.0273	.764	.0147	.0204	.134	1.23	--
07-07-2011	0800	94.9	.0583	.812	.0418	.00729	.0597	1.31	--
08-03-2011	1020	--	--	--	--	--	--	--	< .08
08-08-2011	0945	111	.0638	.470	.0125	< .004	.0391	.881	--

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 5 of 15

[FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; ft, feet; ft3/s, cubic feet per second; ft^3/s, cubic feet per second; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Aldrin, suspended sediment, recoverable, µg/L (39332)	alpha-Endosulfan, suspended sediment, recoverable, µg/L (34363)	alpha-HCH, suspended sediment, recoverable, µg/L (34254)	Atrazine, water, unfiltered, recoverable, µg/L (39630)	beta-HCH, suspended sediment, recoverable, µg/L (34256)	Bromacil, water, unfiltered, recoverable, µg/L (30234)	Camphor, water, unfiltered, recoverable, µg/L (62817)	Carbaryl, water, unfiltered, recoverable, µg/L (39750)	Carbazole, water, unfiltered, recoverable, µg/L (77571)
10-28-2010	1420	< 2.0	< .5	< 1.5	--	< .5	--	--	--	--
10-28-2010	1425	< 2.0	< .5	< 1.5	--	< .5	--	--	--	--
04-05-2011	0820	--	--	--	--	--	--	--	--	--
04-05-2011	1640	--	--	--	--	--	--	--	--	--
04-06-2011	0850	--	--	--	--	--	--	--	--	--
04-19-2011	2045	--	--	--	--	--	--	--	--	--
04-20-2011	1300	--	--	--	--	--	--	--	--	--
04-20-2011	2245	--	--	--	--	--	--	--	--	--
04-21-2011	0645	--	--	--	--	--	--	--	--	--
04-22-2011	2115	--	--	--	--	--	--	--	--	--
04-26-2011	0925	--	--	--	--	--	--	--	--	--
05-15-2011	2015	--	--	--	--	--	--	--	--	--
05-16-2011	0800	--	--	--	--	--	--	--	--	--
05-17-2011	1245	--	--	--	--	--	--	--	--	--
06-02-2011	0720	--	--	--	--	--	--	--	--	--
07-07-2011	0800	--	--	--	--	--	--	--	--	--
08-03-2011	1020	--	--	--	.064	--	< .16	.018	< .06	< .02
08-08-2011	0945	--	--	--	--	--	--	--	--	--

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 6 of 15

[FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; ft, feet; ft3/s, cubic feet per second; ft³/s, cubic feet per second; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Chlor-pyrifos, water, unfiltered, recover-able, µg/L (38932)	cis-Chlor-dane, suspended sediment, recover-able, µg/L (62956)	DEET, water, unfiltered, recover-able, µg/L (61947)	Diazinon, water, unfiltered, recover-able, µg/L (39570)	Dichlor-vos, water, unfiltered, recover-able, µg/L (30218)	Dieldrin, suspended sediment, recover-able, µg/L (39382)	Endrin, suspended sediment, recover-able, µg/L (39392)	Heptachlor epoxide, suspended sediment, recover-able, µg/L (39422)	Heptachlor , suspended sediment, recover-able, µg/L (39412)
10-28-2010	1420	--	< 1.0	--	--	--	.46	< 1.0	< 1.5	< 1.0
10-28-2010	1425	--	< 1.0	--	--	--	< .5	< 1.0	< 1.5	< 1.0
04-05-2011	0820	--	--	--	--	--	--	--	--	--
04-05-2011	1640	--	--	--	--	--	--	--	--	--
04-06-2011	0850	--	--	--	--	--	--	--	--	--
04-19-2011	2045	--	--	--	--	--	--	--	--	--
04-20-2011	1300	--	--	--	--	--	--	--	--	--
04-20-2011	2245	--	--	--	--	--	--	--	--	--
04-21-2011	0645	--	--	--	--	--	--	--	--	--
04-22-2011	2115	--	--	--	--	--	--	--	--	--
04-26-2011	0925	--	--	--	--	--	--	--	--	--
05-15-2011	2015	--	--	--	--	--	--	--	--	--
05-16-2011	0800	--	--	--	--	--	--	--	--	--
05-17-2011	1245	--	--	--	--	--	--	--	--	--
06-02-2011	0720	--	--	--	--	--	--	--	--	--
07-07-2011	0800	--	--	--	--	--	--	--	--	--
08-03-2011	1020	< .32	--	.092	< .32	< .08	--	--	--	--
08-08-2011	0945	--	--	--	--	--	--	--	--	--

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 7 of 15

[FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; ft, feet; ft3/s, cubic feet per second; ft³/s, cubic feet per second; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Hexa-chloro-benzene, suspended sediment, recover-able, µg/L (34402)	Lindane, suspended sediment, recover-able, µg/L (39342)	Metalaxyl, water, unfiltered, recover-able, µg/L (04254)	Metola-chlor, water, unfiltered, recover-able, µg/L (82612)	Mirex, suspended sediment, recover-able, µg/L (39757)	p,p'-DDD, suspended sediment, recover-able, µg/L (39362)	p,p'-DDE, suspended sediment, recover-able, µg/L (39367)	p,p'-DDT, suspended sediment, recover-able, µg/L (39372)	p,p'-Methoxy-chlor, suspended sediment, recover-able, µg/L (82351)
10-28-2010	1420	< 3.0	< .5	--	--	< 1.5	< 2.5	< 1.5	< 1.0	< 3.5
10-28-2010	1425	< 3.0	< .5	--	--	< 1.5	< 2.5	< 1.5	< 1.0	< 3.5
04-05-2011	0820	--	--	--	--	--	--	--	--	--
04-05-2011	1640	--	--	--	--	--	--	--	--	--
04-06-2011	0850	--	--	--	--	--	--	--	--	--
04-19-2011	2045	--	--	--	--	--	--	--	--	--
04-20-2011	1300	--	--	--	--	--	--	--	--	--
04-20-2011	2245	--	--	--	--	--	--	--	--	--
04-21-2011	0645	--	--	--	--	--	--	--	--	--
04-22-2011	2115	--	--	--	--	--	--	--	--	--
04-26-2011	0925	--	--	--	--	--	--	--	--	--
05-15-2011	2015	--	--	--	--	--	--	--	--	--
05-16-2011	0800	--	--	--	--	--	--	--	--	--
05-17-2011	1245	--	--	--	--	--	--	--	--	--
06-02-2011	0720	--	--	--	--	--	--	--	--	--
07-07-2011	0800	--	--	--	--	--	--	--	--	--
08-03-2011	1020	--	--	< .16	.026	--	--	--	--	--
08-08-2011	0945	--	--	--	--	--	--	--	--	--

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 8 of 15

[FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; ft, feet; ft3/s, cubic feet per second; ft³/s, cubic feet per second; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	p-Cresol, water, unfiltered, recoverable, µg/L (77146)	Pentachlorophenol, water, unfiltered, recoverable, µg/L (39032)	Prometon, water, unfiltered, recoverable, µg/L (39056)	Toxaphene, suspended sediment, recoverable, µg/L (39402)	trans-Chlordane, suspended sediment, recoverable, µg/L (62957)	trans-Nonachlor, suspended sediment, recoverable, µg/L (62958)	Aroclor 1016 plus Aroclor 1242, suspended sediment, recoverable, µg/L (62959)	Aroclor 1254, suspended sediment, recoverable, µg/L (39506)	Aroclor 1260, suspended sediment, recoverable, µg/L (39510)
10-28-2010	1420	--	--	--	< 200	< .5	< 1.0	< 5	3.9	< 5
10-28-2010	1425	--	--	--	< 200	< .5	< 1.0	< 5	4.8	< 5
04-05-2011	0820	--	--	--	--	--	--	--	--	--
04-05-2011	1640	--	--	--	--	--	--	--	--	--
04-06-2011	0850	--	--	--	--	--	--	--	--	--
04-19-2011	2045	--	--	--	--	--	--	--	--	--
04-20-2011	1300	--	--	--	--	--	--	--	--	--
04-20-2011	2245	--	--	--	--	--	--	--	--	--
04-21-2011	0645	--	--	--	--	--	--	--	--	--
04-22-2011	2115	--	--	--	--	--	--	--	--	--
04-26-2011	0925	--	--	--	--	--	--	--	--	--
05-15-2011	2015	--	--	--	--	--	--	--	--	--
05-16-2011	0800	--	--	--	--	--	--	--	--	--
05-17-2011	1245	--	--	--	--	--	--	--	--	--
06-02-2011	0720	--	--	--	--	--	--	--	--	--
07-07-2011	0800	--	--	--	--	--	--	--	--	--
08-03-2011	1020	< .08	< 1.60	< .16	--	--	--	--	--	--
08-08-2011	0945	--	--	--	--	--	--	--	--	--

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 9 of 15

[FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; ft, feet; ft3/s, cubic feet per second; ft^3/s, cubic feet per second; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	1-Methyl-naphtha-lene, water, unfiltered, recover-able, µg/L (81696)	2,6-Di-methyl-naphtha-lene, water, unfiltered, recover-able, µg/L (62805)	2-Methyl-naphtha-lene, water, unfiltered, recover-able, µg/L (30194)	3,4-Di-chloro-phenyl iso-cyanate, water, unfiltered, recover-able, µg/L (63145)	3-beta-Co-prostanol, water, unfiltered, recover-able, µg/L (62806)	3-Methyl-1H-indole, water, unfiltered, recover-able, µg/L (62807)	3-tert-Butyl-4-hydroxy-anisole, water, unfiltered, recover-able, µg/L (61702)	4-Cumyl-phenol, water, unfiltered, recover-able, µg/L (62808)	4-n-Octyl-phenol, water, unfiltered, recover-able, µg/L (62809)
10-28-2010	1420	--	--	--	--	--	--	--	--	--
10-28-2010	1425	--	--	--	--	--	--	--	--	--
04-05-2011	0820	--	--	--	--	--	--	--	--	--
04-05-2011	1640	--	--	--	--	--	--	--	--	--
04-06-2011	0850	--	--	--	--	--	--	--	--	--
04-19-2011	2045	--	--	--	--	--	--	--	--	--
04-20-2011	1300	--	--	--	--	--	--	--	--	--
04-20-2011	2245	--	--	--	--	--	--	--	--	--
04-21-2011	0645	--	--	--	--	--	--	--	--	--
04-22-2011	2115	--	--	--	--	--	--	--	--	--
04-26-2011	0925	--	--	--	--	--	--	--	--	--
05-15-2011	2015	--	--	--	--	--	--	--	--	--
05-16-2011	0800	--	--	--	--	--	--	--	--	--
05-17-2011	1245	--	--	--	--	--	--	--	--	--
06-02-2011	0720	--	--	--	--	--	--	--	--	--
07-07-2011	0800	--	--	--	--	--	--	--	--	--
08-03-2011	1020	< .04	< .04	< .04	< .32	< 1.6	< .04	< .16	< .04	< .02
08-08-2011	0945	--	--	--	--	--	--	--	--	--

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
Part 10 of 15

[FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; ft, feet; ft3/s, cubic feet per second; ft^3/s, cubic feet per second; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	4-Nonyl-phenol (sum of all isomers), water, unfiltered, recover-able, µg/L (62829)	4-Nonyl-phenol di-ethoxylate (sum of all isomers), water, unfiltered, recover-able, µg/L (61703)	4-Nonyl-phenol mono-ethoxylate (sum of all isomers), water, unfiltered, recover-able, µg/L (61704)	4-tert-Octyl-phenol di-ethoxylate, water, unfiltered, recover-able, µg/L (62486)	4-tert-Octyl-phenol mono-ethoxylate, water, unfiltered, recover-able, µg/L (62485)	4-tert-Octyl-phenol, water, unfiltered, recover-able, µg/L (62810)	5-Methyl-1H-benzo-triazole, water, unfiltered, recover-able, µg/L (61944)	9,10-Anthra-quinone, water, unfiltered, xxx (62813)	Aceto-phenone, water, unfiltered, recover-able, µg/L (62811)
10-28-2010	1420	--	--	--	--	--	--	--	--	--
10-28-2010	1425	--	--	--	--	--	--	--	--	--
04-05-2011	0820	--	--	--	--	--	--	--	--	--
04-05-2011	1640	--	--	--	--	--	--	--	--	--
04-06-2011	0850	--	--	--	--	--	--	--	--	--
04-19-2011	2045	--	--	--	--	--	--	--	--	--
04-20-2011	1300	--	--	--	--	--	--	--	--	--
04-20-2011	2245	--	--	--	--	--	--	--	--	--
04-21-2011	0645	--	--	--	--	--	--	--	--	--
04-22-2011	2115	--	--	--	--	--	--	--	--	--
04-26-2011	0925	--	--	--	--	--	--	--	--	--
05-15-2011	2015	--	--	--	--	--	--	--	--	--
05-16-2011	0800	--	--	--	--	--	--	--	--	--
05-17-2011	1245	--	--	--	--	--	--	--	--	--
06-02-2011	0720	--	--	--	--	--	--	--	--	--
07-07-2011	0800	--	--	--	--	--	--	--	--	--
08-03-2011	1020	< 1.6	< 1.60	< 1.6	< .20	< .60	< .4	< .32	E .021	< .4
08-08-2011	0945	--	--	--	--	--	--	--	--	--

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 11 of 15

[FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; ft, feet; ft3/s, cubic feet per second; ft^3/s, cubic feet per second; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Acetyl hexa-methyl tetrahydro naph-thalene, water, unfiltered, recover-able, µg/L (62812)	Anthra-cene, water, unfiltered, recover-able, µg/L (34220)	BDE congener 47, water, unfiltered, recover-able, µg/L (63147)	Benzo[a]-pyrene, water, unfiltered, recover-able, µg/L (34247)	Benzo-phenone, water, unfiltered, recover-able, µg/L (62814)	beta-Sitos-terol, water, unfiltered, recover-able, µg/L (62815)	beta-Stig-mastanol, water, unfiltered, recover-able, µg/L (61948)	Bis(2-ethylhexyl) phthalate, water, unfiltered, recover-able, µg/L (39100)	Bisphenol A, water, unfiltered, recover-able, µg/L (62816)
10-28-2010	1420	--	--	--	--	--	--	--	--	--
10-28-2010	1425	--	--	--	--	--	--	--	--	--
04-05-2011	0820	--	--	--	--	--	--	--	--	--
04-05-2011	1640	--	--	--	--	--	--	--	--	--
04-06-2011	0850	--	--	--	--	--	--	--	--	--
04-19-2011	2045	--	--	--	--	--	--	--	--	--
04-20-2011	1300	--	--	--	--	--	--	--	--	--
04-20-2011	2245	--	--	--	--	--	--	--	--	--
04-21-2011	0645	--	--	--	--	--	--	--	--	--
04-22-2011	2115	--	--	--	--	--	--	--	--	--
04-26-2011	0925	--	--	--	--	--	--	--	--	--
05-15-2011	2015	--	--	--	--	--	--	--	--	--
05-16-2011	0800	--	--	--	--	--	--	--	--	--
05-17-2011	1245	--	--	--	--	--	--	--	--	--
06-02-2011	0720	--	--	--	--	--	--	--	--	--
07-07-2011	0800	--	--	--	--	--	--	--	--	--
08-03-2011	1020	< .04	< .02	< .04	< .02	< .08	< 1.6	< 1.60	< 2	.018
08-08-2011	0945	--	--	--	--	--	--	--	--	--

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 12 of 15

[FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; ft, feet; ft3/s, cubic feet per second; ft³/s, cubic feet per second; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Caffeine, water, unfiltered, recoverable, µg/L (81436)	Cholesterol, water, unfiltered, recoverable, µg/L (62818)	Cotinine, water, unfiltered, recoverable, µg/L (61945)	Diethyl phthalate, water, unfiltered, recoverable, µg/L (34336)	D-Limonene, water, unfiltered, recoverable, µg/L (62819)	Fluoranthene, water, unfiltered, recoverable, µg/L (34376)	Hexahydrohexamethyl cyclopentabenzopyran, water, unfiltered, recoverable, µg/L (62823)	Indole, water, unfiltered, recoverable, µg/L (62824)	Isoborneol, water, unfiltered, recoverable, µg/L (62825)
10-28-2010	1420	--	--	--	--	--	--	--	--	--
10-28-2010	1425	--	--	--	--	--	--	--	--	--
04-05-2011	0820	--	--	--	--	--	--	--	--	--
04-05-2011	1640	--	--	--	--	--	--	--	--	--
04-06-2011	0850	--	--	--	--	--	--	--	--	--
04-19-2011	2045	--	--	--	--	--	--	--	--	--
04-20-2011	1300	--	--	--	--	--	--	--	--	--
04-20-2011	2245	--	--	--	--	--	--	--	--	--
04-21-2011	0645	--	--	--	--	--	--	--	--	--
04-22-2011	2115	--	--	--	--	--	--	--	--	--
04-26-2011	0925	--	--	--	--	--	--	--	--	--
05-15-2011	2015	--	--	--	--	--	--	--	--	--
05-16-2011	0800	--	--	--	--	--	--	--	--	--
05-17-2011	1245	--	--	--	--	--	--	--	--	--
06-02-2011	0720	--	--	--	--	--	--	--	--	--
07-07-2011	0800	--	--	--	--	--	--	--	--	--
08-03-2011	1020	.120	E .75	< .08	< .4	< .16	.015	E .016	< .04	< .08
08-08-2011	0945	--	--	--	--	--	--	--	--	--

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 13 of 15

[FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; ft, feet; ft3/s, cubic feet per second; ft^3/s, cubic feet per second; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Isophorone, water, unfiltered, recoverable, µg/L (34408)	Isopropylbenzene, water, unfiltered, recoverable, µg/L (77223)	Isoquinoline, water, unfiltered, recoverable, µg/L (62826)	Menthol, water, unfiltered, recoverable, µg/L (62827)	Methyl salicylate, water, unfiltered, recoverable, µg/L (62828)	Naphthalene, water, unfiltered, recoverable, µg/L (34696)	Phenanthrene, water, unfiltered, recoverable, µg/L (34461)	Phenol, water, unfiltered, recoverable, µg/L (34694)	Pyrene, water, unfiltered, recoverable, µg/L (34469)
10-28-2010	1420	--	--	--	--	--	--	--	--	--
10-28-2010	1425	--	--	--	--	--	--	--	--	--
04-05-2011	0820	--	--	--	--	--	--	--	--	--
04-05-2011	1640	--	--	--	--	--	--	--	--	--
04-06-2011	0850	--	--	--	--	--	--	--	--	--
04-19-2011	2045	--	--	--	--	--	--	--	--	--
04-20-2011	1300	--	--	--	--	--	--	--	--	--
04-20-2011	2245	--	--	--	--	--	--	--	--	--
04-21-2011	0645	--	--	--	--	--	--	--	--	--
04-22-2011	2115	--	--	--	--	--	--	--	--	--
04-26-2011	0925	--	--	--	--	--	--	--	--	--
05-15-2011	2015	--	--	--	--	--	--	--	--	--
05-16-2011	0800	--	--	--	--	--	--	--	--	--
05-17-2011	1245	--	--	--	--	--	--	--	--	--
06-02-2011	0720	--	--	--	--	--	--	--	--	--
07-07-2011	0800	--	--	--	--	--	--	--	--	--
08-03-2011	1020	< .04	< .04	< .04	< .32	< .08	< .02	< .02	E .064	.011
08-08-2011	0945	--	--	--	--	--	--	--	--	--

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 14 of 15

[FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; ft, feet; ft3/s, cubic feet per second; ft^3/s, cubic feet per second; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Tetra-chloro-ethene, water, unfiltered, recover-able, µg/L (34475)	Tribromo-methane, water, unfiltered, recover-able, µg/L (32104)	Tributyl phosphate, water, unfiltered, recover-able, µg/L (62832)	Triclosan, water, unfiltered, recover-able, µg/L (61708)	Triethyl citrate, water, unfiltered, recover-able, µg/L (62833)	Triphenyl phosphate, water, unfiltered, recover-able, µg/L (62834)	Tris(2-butoxy-ethyl) phosphate, water, unfiltered, recover-able, µg/L (62830)	Tris(2-chloro-ethyl) phosphate, water, unfiltered, recover-able, µg/L (62831)	Tris(di-chloroiso-propyl) phosphate, water, unfiltered, recover-able, µg/L (61707)
10-28-2010	1420	--	--	--	--	--	--	--	--	--
10-28-2010	1425	--	--	--	--	--	--	--	--	--
04-05-2011	0820	--	--	--	--	--	--	--	--	--
04-05-2011	1640	--	--	--	--	--	--	--	--	--
04-06-2011	0850	--	--	--	--	--	--	--	--	--
04-19-2011	2045	--	--	--	--	--	--	--	--	--
04-20-2011	1300	--	--	--	--	--	--	--	--	--
04-20-2011	2245	--	--	--	--	--	--	--	--	--
04-21-2011	0645	--	--	--	--	--	--	--	--	--
04-22-2011	2115	--	--	--	--	--	--	--	--	--
04-26-2011	0925	--	--	--	--	--	--	--	--	--
05-15-2011	2015	--	--	--	--	--	--	--	--	--
05-16-2011	0800	--	--	--	--	--	--	--	--	--
05-17-2011	1245	--	--	--	--	--	--	--	--	--
06-02-2011	0720	--	--	--	--	--	--	--	--	--
07-07-2011	0800	--	--	--	--	--	--	--	--	--
08-03-2011	1020	< .16	< .16	< .04	< .32	E .036	< .08	E .395	< .16	< .32
08-08-2011	0945	--	--	--	--	--	--	--	--	--

04231600 GENESSEE RIVER AT FORD STREET BRIDGE, ROCHESTER, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; ft, feet; ft3/s, cubic feet per second; ft^3/s, cubic feet per second; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Suspended sediment concen-tration, mg/L (80154)
10-28-2010	1420	--
10-28-2010	1425	--
04-05-2011	0820	156
04-05-2011	1640	121
04-06-2011	0850	473
04-19-2011	2045	101
04-20-2011	1300	164
04-20-2011	2245	398
04-21-2011	0645	543
04-22-2011	2115	600
04-26-2011	0925	176
05-15-2011	2015	81
05-16-2011	0800	186
05-17-2011	1245	234
06-02-2011	0720	109
07-07-2011	0800	19
08-03-2011	1020	--
08-08-2011	0945	14