

02336000 CHATTAHOOCHEE RIVER AT ATLANTA, GA

Apalachicola Basin
Upper Chattahoochee Subbasin

LOCATION.--Lat 33°51'33", long 84°27'16" referenced to North American Datum of 1983, Fulton County, GA, Hydrologic Unit 03130001, on left bank 20.0 feet upstream from Paces Ferry Bridge, 1.0 mile downstream from Rottenwood Creek, 2.5 miles upstream from Peachtree Creek, and at mile 303.0.

DRAINAGE AREA.--1,450 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--

DISCHARGE: August 1928 to December 1931, October 1936 to current year. Prior to October 1951, published as "near Vinings".

GAGE-HEIGHT: October 1998 to current year.

REVISED RECORDS.--WSP 972: 1932

GAGE.--Satellite telemetry with a water-stage recorder and a continuous water-quality monitor. Datum of gage is 750.10 feet above National Geodetic Vertical Datum (NGVD) of 1929. From August 3, 1928, to December 31, 1931, gage was a water-stage recorder, and November 15, 1936 to March 8, 1937, a non-recording gage was located at the same site and datum. Since June 1967, auxiliary water-stage recorder located at bridge on US 41, 0.8 miles upstream.

COOPERATION.--U.S. Army Corps of Engineers, Mobile District; Georgia Department of Natural Resources, Environmental Protection Division, Georgia Power Corporation, Upper Chattahoochee River Keeper.

REMARKS.--Discharge records fair, except for days of estimated discharge, which are poor. Gage-height records good. Flow regulated by Lake Sidney Lanier since January 1956. Considerable diurnal fluctuation caused by operation of Morgan Falls hydroelectric plant 9.5 miles above station. Statistics prior to regulation are available upon request.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 40,900 cfs, September 21, 2009; maximum gage-height recorded, 28.12 feet, September 21, 2009; minimum daily discharge, 296 cfs, September 2, 1957.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage known since at least 1896, 29.0 feet in December 1919, from flood marks at site 2.6 miles downstream and stage relation between the two sites.

EXTREMES FOR CURRENT YEAR.--Maximum discharge recorded, 10,600 cfs, April 16; maximum gage-height recorded, 9.85 feet, April 16; minimum gage-height recorded, 2.50 feet, May 8 and 9; minimum daily discharge, 801 cfs, May 30.

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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	1,030	1,030	5,340	1,960	1,670	3,640	5,120	3,770	1,580	2,020	969	e2,000
2	1,010	1,690	2,260	2,580	4,760	1,940	4,270	3,840	1,680	1,260	983	e2,100
3	1,000	1,730	1,180	1,430	3,070	3,350	2,800	5,740	1,590	1,000	981	1,930
4	1,020	1,700	1,080	1,720	2,920	2,570	2,560	4,930	1,400	1,480	1,830	992
5	1,040	1,740	983	1,940	4,080	2,720	3,380	6,690	958	1,400	1,040	1,100
6	1,390	1,690	999	1,850	2,310	1,970	3,170	6,740	984	1,880	1,590	1,080
7	1,550	1,150	1,380	1,390	1,810	2,310	4,850	2,060	2,190	2,080	1,080	1,020
8	1,510	1,770	1,380	1,290	2,100	6,330	3,520	873	3,190	1,750	967	1,500
9	1,630	2,140	1,630	989	2,390	7,870	1,170	944	3,070	1,040	942	1,980
10	990	1,800	1,470	1,020	2,110	5,130	1,520	3,410	2,480	1,050	962	1,630
11	997	1,500	1,250	1,480	2,230	6,980	2,520	3,770	2,420	1,040	1,020	972
12	1,500	1,490	1,310	e1,600	1,590	6,900	3,590	4,870	1,060	2,370	1,010	989
13	1,530	1,350	1,300	e1,700	1,030	6,480	4,240	4,710	1,060	3,170	991	999
14	1,550	1,140	1,470	2,170	1,490	6,210	2,950	3,990	1,950	1,010	981	2,310
15	1,330	1,630	1,930	2,060	2,340	8,220	4,000	1,330	2,470	1,560	994	2,340
16	1,310	1,250	1,550	1,010	1,740	6,920	7,410	1,710	5,250	1,080	1,010	3,050
17	1,030	1,350	1,660	1,020	1,800	7,410	3,670	3,070	3,720	998	1,010	3,020
18	1,010	1,620	1,300	1,070	1,730	7,290	2,780	3,640	2,370	1,000	e1,030	976
19	1,120	1,690	1,040	1,430	1,480	4,010	5,740	3,460	1,160	1,040	1,010	984
20	1,480	1,410	1,090	1,490	1,020	1,100	4,500	3,380	1,310	1,060	958	2,220
21	1,130	1,020	1,680	1,330	1,040	1,660	6,750	2,850	2,100	1,280	e1,010	3,260
22	1,650	1,020	1,390	1,160	2,340	3,840	7,040	1,090	2,920	2,170	e960	3,340
23	1,740	1,600	1,280	985	2,530	3,980	5,520	1,670	3,130	1,650	1,250	5,080
24	1,040	1,330	1,200	1,040	1,290	3,870	2,000	2,160	2,500	1,040	1,000	1,290
25	1,140	1,320	1,250	1,840	1,840	5,680	3,060	1,490	2,640	1,480	1,950	1,100
26	1,810	1,250	1,070	1,810	1,350	2,440	5,490	1,460	1,090	1,360	2,130	1,080
27	2,980	1,250	1,070	1,650	1,070	3,940	4,910	2,450	1,110	1,250	1,780	2,630
28	3,400	1,060	1,750	1,440	1,290	6,370	1,040	1,600	2,090	1,070	947	2,090
29	2,030	1,090	1,280	1,180	---	3,850	4,530	891	1,420	1,020	955	1,980
30	1,510	3,000	1,350	992	---	3,320	5,050	801	1,710	1,090	1,380	1,430
31	1,030	---	1,380	1,010	---	3,240	---	1,140	---	970	2,250	---
Total	44,487	44,810	46,302	45,636	56,420	141,540	119,150	90,529	62,602	43,668	36,970	56,472
Mean	1,435	1,494	1,494	1,472	2,015	4,566	3,972	2,920	2,087	1,409	1,193	1,882
Max	3,400	3,000	5,340	2,580	4,760	8,220	7,410	6,740	5,250	3,170	2,250	5,080
Min	990	1,020	983	985	1,020	1,100	1,040	801	958	970	942	972
Cfsm	0.99	1.03	1.03	1.02	1.39	3.15	2.74	2.01	1.44	0.97	0.82	1.30
In.	1.14	1.15	1.19	1.17	1.45	3.63	3.06	2.32	1.61	1.12	0.95	1.45

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1956 - 2011, BY WATER YEAR (WY)

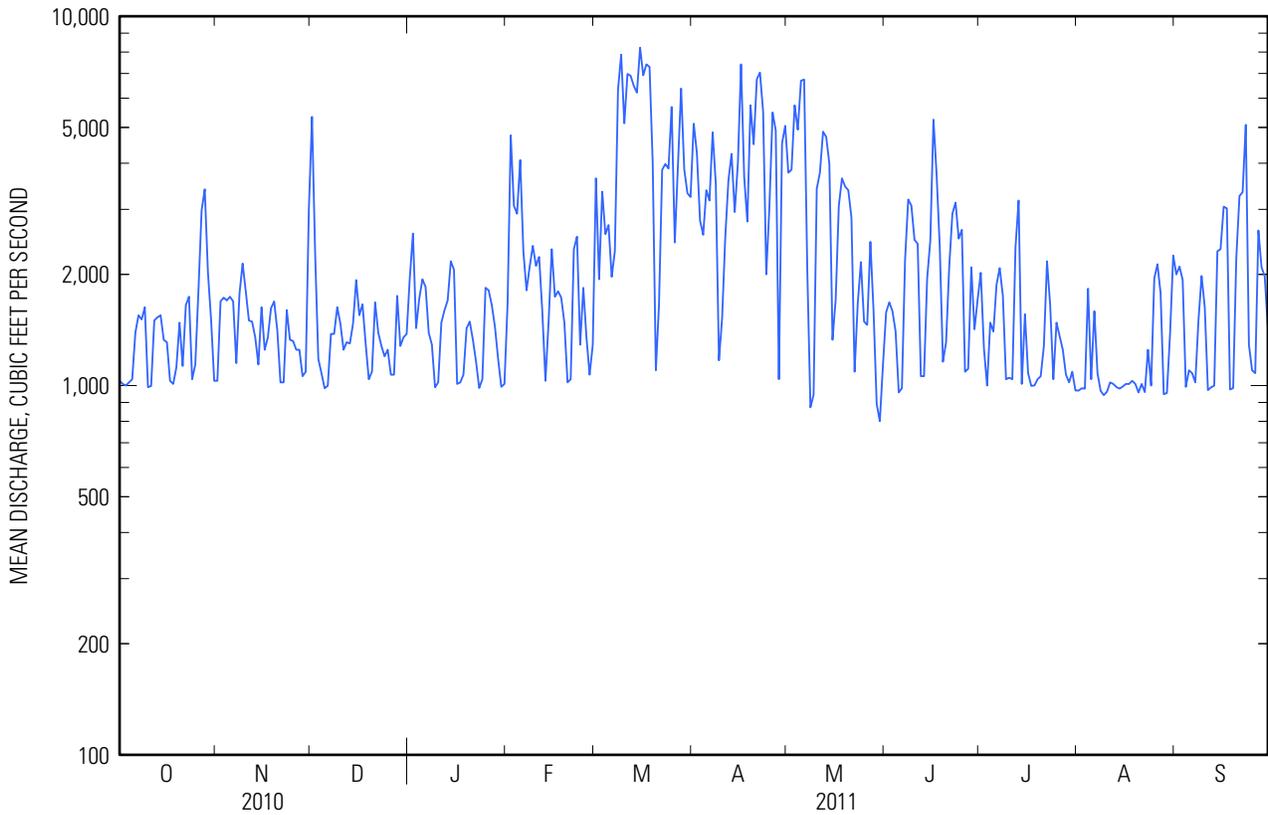
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	2,055	2,099	2,134	2,494	2,768	3,062	3,079	2,646	2,254	2,224	2,357	2,264
Max	4,016	5,051	6,863	7,506	7,684	7,482	8,959	7,955	5,733	5,021	4,266	4,911
(WY)	(1992)	(2010)	(2010)	(1993)	(1990)	(1990)	(1964)	(1964)	(1973)	(2005)	(2005)	(2004)
Min	525	760	820	794	985	1,084	941	955	640	567	426	480
(WY)a	(1958)	(1957)	(1957)	(1958)	(1957)	(1959)	(1959)	(1958)	(1957)	(1957)	(1957)	(1957)

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SUMMARY STATISTICS

	Calendar Year 2010		Water Year 2011		Water Years 1956 - 2011	
Annual total	974,062		788,586			
Annual mean	2,669		2,161		2,451	
Highest annual mean					3,834 1990	
Lowest annual mean					1,119 2002	
Highest daily mean	9,350	Feb 7	8,220	Mar 15	24,600	Sep 21, 2009
Lowest daily mean	911	Jun 13	801	May 30	296	Sep 2, 1957
Annual seven-day minimum	1,020	Sep 16	982	Aug 8	340	Sep 1, 1957
Maximum peak flow			10,600	Apr 16	40,900	Sep 21, 2009
Maximum peak stage			9.89	Apr 16	28.12	Sep 21, 2009
Annual runoff (cfsm)	1.84		1.49		1.69	
Annual runoff (inches)	24.99		20.23		22.97	
10 percent exceeds	5,920		4,250		4,870	
50 percent exceeds	1,730		1,600		1,780	
90 percent exceeds	1,050		1,000		1,010	

^a Minimum monthly means occurring in water years 1957 and 1958 were probably the result of the initial filling of Lake Sidney Lanier and those in the water year to non-typical storage.



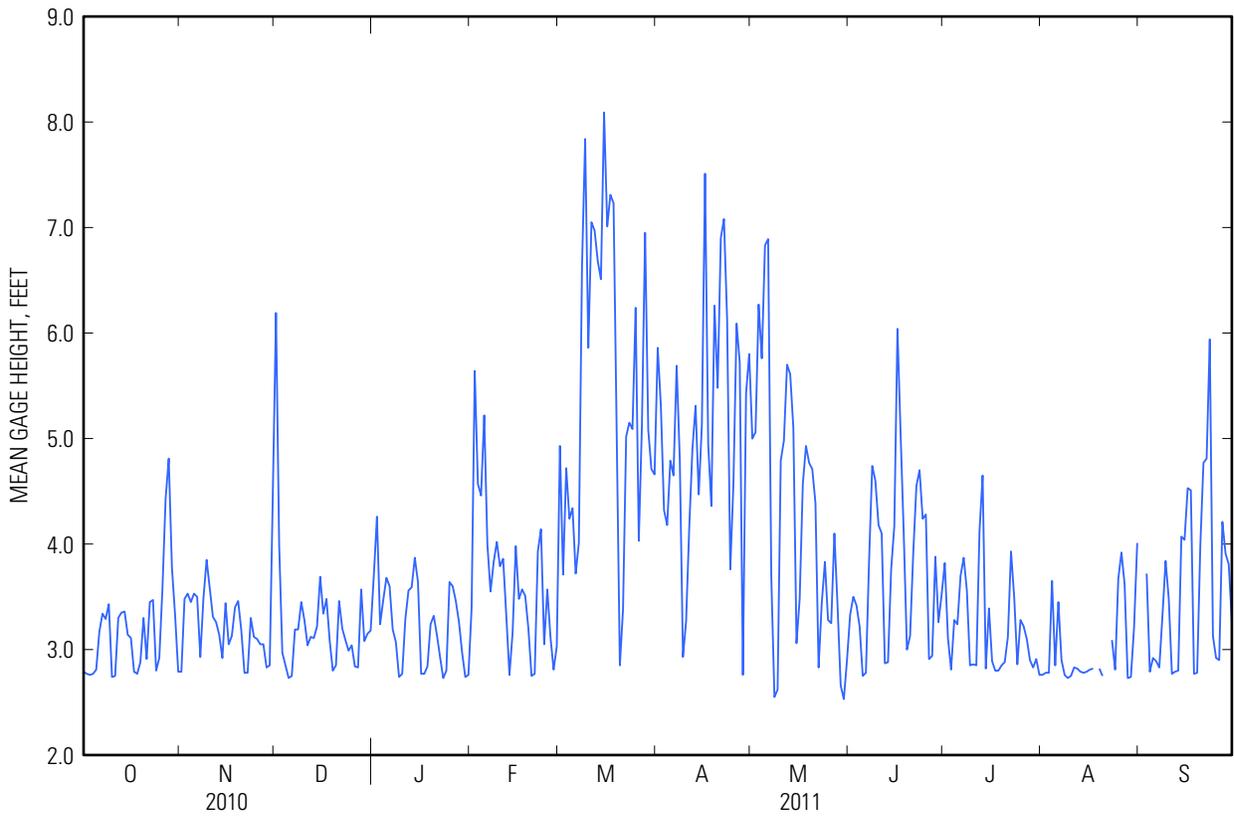
02336000 CHATTAHOOCHEE RIVER AT ATLANTA, GA—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2.79	2.79	6.19	3.70	3.39	4.93	5.86	5.00	3.33	3.82	2.76	---
2	2.77	3.48	3.99	4.26	5.64	3.71	5.31	5.06	3.50	3.11	2.78	---
3	2.76	3.53	2.97	3.24	4.57	4.72	4.32	6.27	3.42	2.81	2.78	3.72
4	2.77	3.45	2.85	3.47	4.46	4.24	4.18	5.76	3.22	3.28	3.65	2.79
5	2.81	3.53	2.73	3.68	5.22	4.34	4.79	6.83	2.75	3.24	2.85	2.92
6	3.17	3.50	2.75	3.60	4.00	3.72	4.65	6.89	2.78	3.70	3.45	2.89
7	3.34	2.93	3.19	3.19	3.55	4.01	5.69	3.69	3.84	3.87	2.90	2.83
8	3.29	3.49	3.19	3.07	3.83	6.63	4.80	2.55	4.74	3.56	2.76	3.32
9	3.43	3.85	3.45	2.74	4.02	7.84	2.93	2.62	4.60	2.85	2.73	3.84
10	2.74	3.58	3.28	2.77	3.79	5.86	3.27	4.79	4.18	2.86	2.75	3.48
11	2.75	3.31	3.04	3.29	3.86	7.05	4.16	4.98	4.10	2.85	2.83	2.77
12	3.30	3.26	3.12	3.56	3.32	6.97	4.90	5.70	2.87	4.12	2.82	2.79
13	3.35	3.14	3.11	3.59	2.76	6.68	5.31	5.61	2.88	4.65	2.79	2.80
14	3.36	2.92	3.22	3.87	3.16	6.51	4.47	5.10	3.76	2.82	2.78	4.07
15	3.14	3.44	3.69	3.64	3.98	8.09	5.13	3.06	4.17	3.39	2.79	4.04
16	3.11	3.05	3.34	2.77	3.48	7.01	7.51	3.48	6.04	2.89	2.81	4.53
17	2.79	3.13	3.48	2.77	3.57	7.31	4.95	4.57	5.04	2.80	2.82	4.51
18	2.77	3.40	3.09	2.84	3.51	7.23	4.36	4.93	4.09	2.80	---	2.77
19	2.88	3.46	2.80	3.24	3.20	5.04	6.26	4.77	3.00	2.85	2.82	2.78
20	3.30	3.18	2.85	3.32	2.75	2.85	5.48	4.71	3.13	2.88	2.75	3.98
21	2.91	2.78	3.46	3.14	2.77	3.38	6.90	4.39	3.91	3.12	---	4.77
22	3.45	2.78	3.20	2.93	3.93	5.02	7.08	2.83	4.55	3.93	---	4.81
23	3.47	3.30	3.09	2.73	4.14	5.15	6.13	3.44	4.70	3.50	3.09	5.94
24	2.80	3.12	2.99	2.80	3.05	5.09	3.76	3.83	4.24	2.86	2.81	3.13
25	2.92	3.10	3.04	3.64	3.57	6.24	4.57	3.28	4.28	3.28	3.67	2.92
26	3.58	3.05	2.84	3.60	3.12	4.03	6.09	3.25	2.91	3.22	3.92	2.90
27	4.43	3.05	2.83	3.46	2.81	5.13	5.72	4.10	2.94	3.10	3.62	4.21
28	4.81	2.83	3.57	3.26	3.03	6.95	2.76	3.42	3.88	2.90	2.73	3.91
29	3.78	2.85	3.08	2.97	---	5.08	5.43	2.66	3.26	2.83	2.74	3.81
30	3.33	4.50	3.15	2.74	---	4.71	5.80	2.53	3.52	2.91	3.21	3.27
31	2.79	---	3.18	2.76	---	4.66	---	2.90	---	2.76	4.01	---
Mean	3.19	3.26	3.25	3.25	3.66	5.49	5.09	4.29	3.79	3.21	---	---
Max	4.81	4.50	6.19	4.26	5.64	8.09	7.51	6.89	6.04	4.65	---	---
Min	2.74	2.78	2.73	2.73	2.75	2.85	2.76	2.53	2.75	2.76	---	---

Calendar Year 2010	
Mean	4.13
Max	10.29
Min	2.64

02336000 CHATTAHOOCHEE RIVER AT ATLANTA, GA—Continued



02336000 CHATTAHOOCHEE RIVER AT ATLANTA, GA—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--May 1937 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: May 2002 to current year.

WATER TEMPERATURE: May 2002 to current year.

TURBIDITY: May 2002 to current year.

INSTRUMENTATION.--Satellite telemetry with a continuous water-quality monitor.

REMARKS.--Continuous water temperature and specific conductance records are rated good, turbidity record is rated fair. Data for parameter code 63680 (turbidity) were collected using a probe with the following specifications: turbidity, water, monochrome near infra-red LED light, 780-900 nm, detection angle 90 +/- 2.5 degrees, FNU (Formazin Nephelometric Units). Before October 1, 2004, turbidity data were published using parameter code 00076: turbidity, water, unfiltered, NTU (Nephelometric Turbidity Units).

Discrete sample turbidity measurements are taken in the lab using a Hach 2100 and are reported in Nephelometric Turbidity Ratio Units, (NTRU). Calibration is performed on the meter using Hach supplied and approved standards. USGS Georgia Water Science Center policy has stated that turbidity will have a reporting lower threshold of 2 NTRU and an upper limit of 1,100 NTRU. The precision and accuracy associated with turbidity has required the overall record to be rated fair.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum recorded, 136 microsiemens, June 7, 2011; minimum recorded, 33 microsiemens, August 13, 2005.

WATER TEMPERATURE: Maximum recorded, 28.0°C, June 9, 2008; minimum recorded, 1.6°C, December 14, 2010.

TURBIDITY: Maximum recorded, >1,100 FNU, November 24, 2004, December 10, 2004, February 4, 2011; minimum recorded, 1.4 FNU, May 31, 2011.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum recorded, 136 microsiemens, June 7; minimum recorded, 41 microsiemens, March 28, April 16.

WATER TEMPERATURE: Maximum recorded, 26.6°C, May 31, August 2; minimum recorded, 1.6°C, December 14.

TURBIDITY: Maximum recorded, >1,100 FNU, February 4; minimum recorded, 1.4 FNU, May 31.

02336000 CHATTAHOOCHEE RIVER AT ATLANTA, GA—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	---	---	---	---	---	---	---	---	---	95	74	86
2	---	---	---	---	---	---	---	---	---	82	64	72
3	---	---	---	---	---	---	---	---	---	72	64	68
4	---	---	---	---	---	---	---	---	---	78	66	73
5	---	---	---	---	---	---	---	---	---	69	61	66
6	---	---	---	---	---	---	---	---	---	68	61	65
7	---	---	---	---	---	---	100	91	96	73	62	69
8	---	---	---	---	---	---	91	83	87	74	69	72
9	---	---	---	---	---	---	87	78	83	76	70	72
10	---	---	---	---	---	---	82	77	80	88	75	80
11	---	---	---	---	---	---	80	76	79	87	71	80
12	---	---	---	---	---	---	83	74	78	79	71	76
13	---	---	---	---	---	---	90	83	87	78	62	71
14	---	---	---	---	---	---	93	83	87	69	62	67
15	---	---	---	---	---	---	88	72	79	68	60	62
16	---	---	---	---	---	---	73	67	69	78	62	68
17	---	---	---	---	---	---	79	70	76	92	78	86
18	---	---	---	---	---	---	83	76	81	93	81	89
19	---	---	---	---	---	---	84	78	81	81	75	78
20	---	---	---	---	---	---	92	82	87	82	76	78
21	---	---	---	---	---	---	90	63	75	81	74	76
22	---	---	---	---	---	---	75	63	71	75	72	73
23	---	---	---	---	---	---	77	72	75	77	71	73
24	---	---	---	---	---	---	77	71	74	86	77	81
25	---	---	---	---	---	---	77	72	76	85	64	74
26	---	---	---	---	---	---	77	71	74	72	65	70
27	---	---	---	---	---	---	86	77	81	72	67	71
28	---	---	---	---	---	---	86	64	77	75	69	73
29	---	---	---	---	---	---	70	64	68	76	72	74
30	---	---	---	---	---	---	80	67	73	77	71	73
31	---	---	---	---	---	---	100	79	89	86	77	81
Month	---	---	---	---	---	---	---	---	---	95	60	74

02336000 CHATTAHOOCHEE RIVER AT ATLANTA, GA—Continued

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

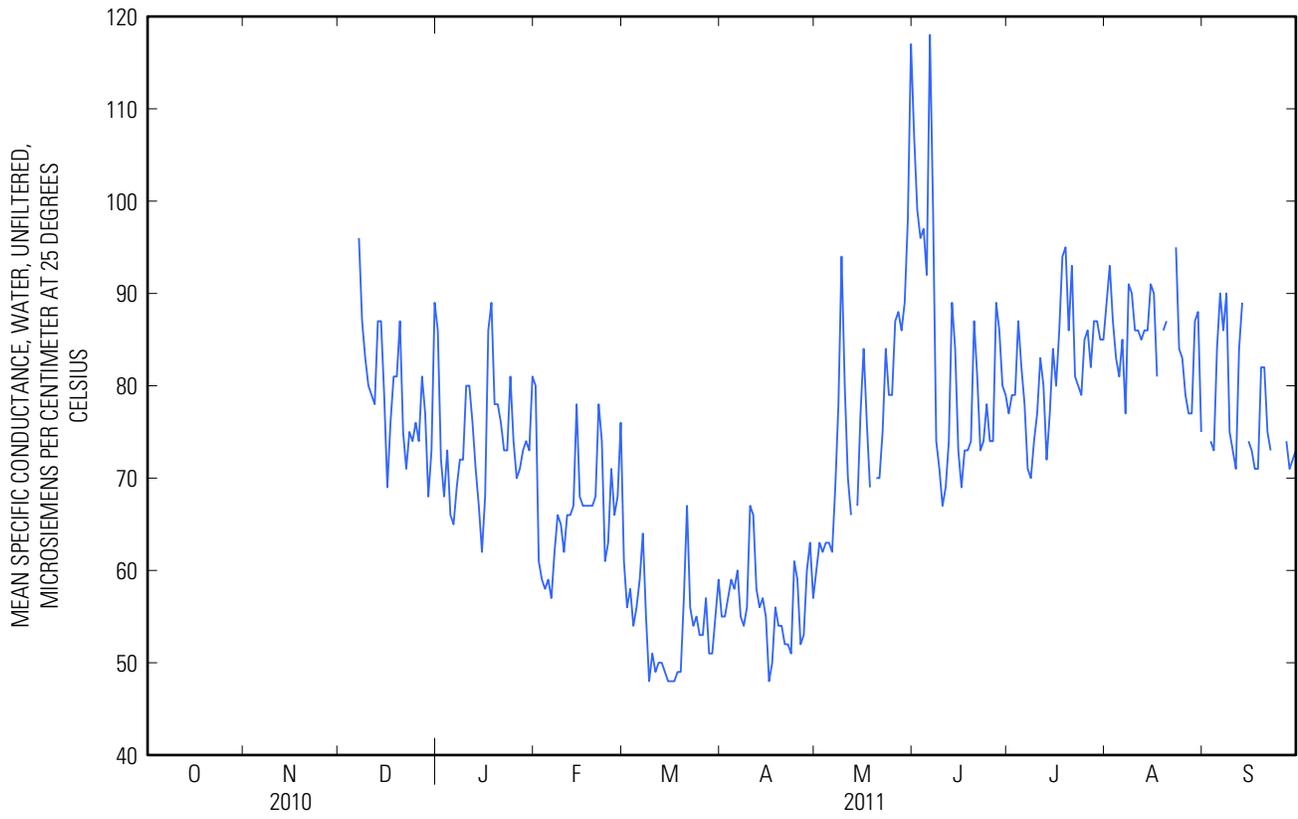
Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	86	62	80	77	54	61	61	53	55	66	57	60
2	68	55	61	57	55	56	58	53	55	72	59	63
3	61	57	59	62	54	58	60	54	57	66	59	62
4	59	57	58	56	53	54	65	54	59	73	53	63
5	63	57	59	57	54	56	62	53	58	69	59	63
6	58	57	57	63	56	59	61	57	60	66	56	62
7	67	58	62	66	63	64	58	51	55	72	61	69
8	69	62	66	66	49	55	56	52	54	86	72	78
9	67	61	65	52	45	48	61	53	56	104	86	94
10	66	59	62	52	50	51	73	61	67	103	66	80
11	68	61	66	50	48	49	75	56	66	81	64	70
12	69	63	66	50	49	50	65	52	58	69	64	66
13	74	63	67	50	50	50	63	52	56	---	62	---
14	83	74	78	51	48	49	62	54	57	74	63	67
15	84	61	68	50	47	48	65	43	55	83	68	77
16	68	64	67	50	47	48	51	41	48	87	81	84
17	69	64	67	49	47	48	51	48	50	86	65	76
18	71	64	67	49	48	49	61	50	56	81	63	69
19	69	64	67	52	47	49	61	49	54	82	65	---
20	74	65	68	63	52	57	58	50	54	79	65	70
21	83	74	78	71	63	67	57	48	52	80	64	70
22	85	62	74	73	49	56	54	49	52	84	68	75
23	63	59	61	59	50	54	55	48	51	85	83	84
24	66	61	63	62	51	55	65	55	61	86	69	79
25	77	66	71	57	48	53	63	56	59	87	70	79
26	72	63	66	57	50	53	58	48	52	97	84	87
27	73	64	68	63	46	57	59	48	53	98	80	88
28	80	73	76	59	41	51	66	55	60	91	83	86
29	---	---	---	54	46	51	75	54	63	91	87	89
30	---	---	---	57	54	55	60	53	57	109	89	98
31	---	---	---	63	56	59	---	---	---	131	109	117
Month	86	55	67	77	41	54	75	41	56	---	53	---

02336000 CHATTAHOOCHEE RIVER AT ATLANTA, GA—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	131	101	107	82	73	77	92	85	89	82	---	---
2	107	92	99	83	73	79	96	91	93	---	---	---
3	108	89	96	84	77	79	92	85	87	79	68	74
4	107	89	97	94	67	87	90	72	83	79	68	73
5	98	89	92	87	77	82	86	79	81	92	78	84
6	133	98	118	88	70	78	90	77	85	97	82	90
7	136	74	99	79	65	71	81	74	77	97	82	86
8	92	64	74	75	67	70	97	81	91	105	74	90
9	83	65	71	81	67	74	93	86	90	82	69	75
10	76	63	67	81	76	77	90	84	86	80	67	73
11	76	65	69	87	78	83	87	83	86	78	67	71
12	81	66	74	90	69	80	87	84	85	88	78	84
13	94	81	89	82	67	72	88	84	86	92	86	89
14	96	71	84	86	71	77	89	85	86	87	70	---
15	81	67	73	95	74	84	95	86	91	81	71	74
16	75	65	69	87	74	80	94	81	90	82	70	73
17	81	69	73	88	84	86	86	79	81	76	68	71
18	80	68	73	99	88	94	85	81	---	77	68	71
19	80	68	74	98	92	95	87	84	86	88	77	82
20	92	80	87	92	83	86	90	85	87	92	72	82
21	96	69	81	96	87	93	---	---	---	81	71	75
22	82	63	73	91	68	81	---	---	---	79	70	73
23	81	69	74	85	72	80	99	84	95	---	---	---
24	94	71	78	82	77	79	89	82	84	---	---	---
25	85	67	74	95	63	85	90	74	83	---	---	---
26	80	70	74	92	81	86	86	73	79	---	---	---
27	95	78	89	84	80	82	84	72	77	94	65	74
28	96	76	86	88	84	87	82	72	77	75	67	71
29	86	76	80	88	85	87	94	82	87	79	68	72
30	83	75	79	88	82	85	97	74	88	78	68	73
31	---	---	---	85	83	85	82	71	75	---	---	---
Month	136	63	82	99	63	82	---	---	---	---	---	---

02336000 CHATTAHOOCHEE RIVER AT ATLANTA, GA—Continued



02336000 CHATTAHOOCHEE RIVER AT ATLANTA, GA—Continued

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	---	---	---	---	---	---	---	---	---	10.4	8.6	9.4
2	---	---	---	---	---	---	---	---	---	10.6	8.9	9.8
3	---	---	---	---	---	---	---	---	---	8.9	7.4	8.2
4	---	---	---	---	---	---	---	---	---	8.4	6.9	7.6
5	---	---	---	---	---	---	---	---	---	7.3	6.8	7.0
6	---	---	---	---	---	---	---	---	---	8.2	7.0	7.5
7	---	---	---	---	---	---	6.1	4.8	5.4	8.2	6.6	7.3
8	---	---	---	---	---	---	5.8	4.3	5.1	7.6	6.2	6.9
9	---	---	---	---	---	---	6.9	4.6	5.7	6.2	4.2	5.1
10	---	---	---	---	---	---	7.9	5.6	6.6	4.2	2.8	3.3
11	---	---	---	---	---	---	7.8	6.4	7.1	3.5	3.0	3.3
12	---	---	---	---	---	---	7.6	5.8	6.8	3.6	2.6	3.1
13	---	---	---	---	---	---	5.8	3.3	4.8	4.1	2.5	3.3
14	---	---	---	---	---	---	3.4	1.6	2.6	4.8	3.4	4.1
15	---	---	---	---	---	---	5.0	2.4	3.4	6.1	4.3	5.2
16	---	---	---	---	---	---	7.3	5.0	6.2	6.8	4.5	5.7
17	---	---	---	---	---	---	8.4	6.8	7.5	6.4	5.0	5.8
18	---	---	---	---	---	---	7.6	6.9	7.2	6.6	5.8	6.2
19	---	---	---	---	---	---	7.6	6.3	6.9	7.6	6.5	7.0
20	---	---	---	---	---	---	7.4	5.5	6.6	7.2	6.3	6.8
21	---	---	---	---	---	---	7.9	6.7	7.4	6.9	5.4	6.2
22	---	---	---	---	---	---	9.9	7.9	8.9	6.5	4.7	5.5
23	---	---	---	---	---	---	8.6	7.1	7.8	6.0	4.3	5.2
24	---	---	---	---	---	---	7.8	6.2	7.0	6.9	4.6	5.7
25	---	---	---	---	---	---	7.0	6.1	6.5	6.4	5.9	6.1
26	---	---	---	---	---	---	6.1	4.4	5.2	6.6	5.9	6.2
27	---	---	---	---	---	---	4.9	3.3	4.1	7.1	5.4	6.1
28	---	---	---	---	---	---	5.1	3.2	4.1	7.7	5.3	6.4
29	---	---	---	---	---	---	6.4	4.3	5.3	8.6	5.5	7.0
30	---	---	---	---	---	---	7.0	5.5	6.2	9.4	6.6	8.0
31	---	---	---	---	---	---	9.2	6.6	7.7	9.2	8.3	8.8
Month	---	---	---	---	---	---	---	---	---	10.6	2.5	6.3

02336000 CHATTAHOOCHEE RIVER AT ATLANTA, GA—Continued

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

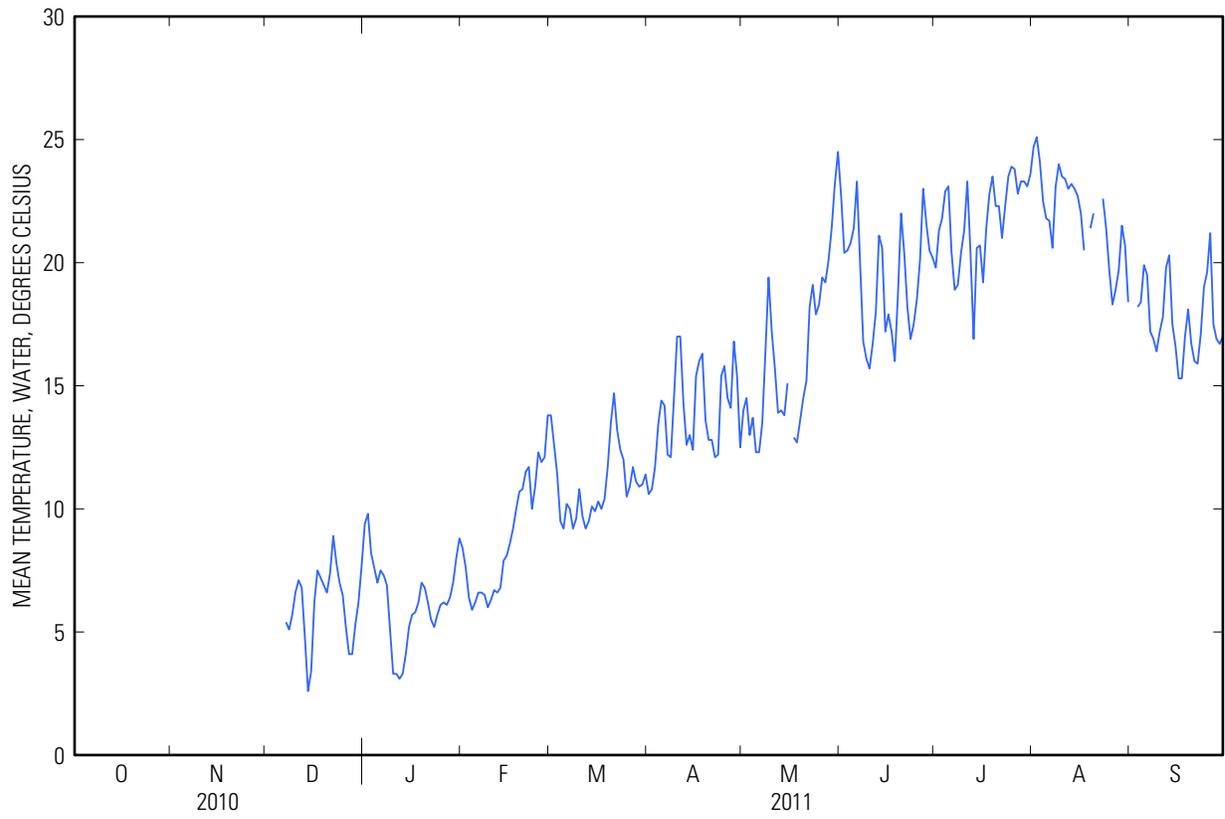
Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	9.0	8.1	8.4	14.4	13.1	13.8	11.6	9.7	10.6	15.1	12.3	14.0
2	8.1	7.1	7.6	13.5	11.4	12.6	12.3	9.3	10.8	15.8	12.7	14.5
3	7.1	6.0	6.4	12.2	10.8	11.4	13.0	10.3	11.7	14.9	11.5	13.0
4	6.4	5.7	5.9	11.1	9.1	9.5	14.4	12.5	13.4	14.4	12.5	13.7
5	6.8	5.7	6.2	9.8	8.8	9.2	15.4	13.4	14.4	14.1	10.9	12.3
6	7.5	5.8	6.6	10.6	9.8	10.2	15.1	13.2	14.2	14.1	10.9	12.3
7	7.4	5.8	6.6	11.0	9.2	10.0	14.2	11.5	12.2	15.6	11.5	13.5
8	7.4	5.8	6.5	10.4	8.1	9.2	12.9	11.2	12.1	19.0	13.8	16.4
9	6.6	5.4	6.0	10.4	8.8	9.6	17.1	12.3	14.5	21.7	17.0	19.4
10	7.3	5.5	6.3	11.1	10.4	10.8	19.4	14.7	17.0	20.8	15.0	17.2
11	7.8	6.0	6.7	10.5	9.1	9.7	18.2	15.2	17.0	17.1	14.2	15.7
12	7.7	5.5	6.6	10.0	8.4	9.2	15.5	13.5	14.3	15.5	12.3	13.9
13	8.5	5.0	6.8	10.3	8.6	9.5	13.8	10.9	12.6	16.1	12.2	14.0
14	9.6	6.1	7.9	11.1	9.3	10.1	13.7	12.1	13.0	14.8	12.2	13.8
15	9.2	7.2	8.1	10.4	9.6	9.9	13.6	11.2	12.4	15.9	14.1	15.1
16	10.1	7.7	8.6	11.5	9.5	10.3	16.6	12.5	15.4	---	13.9	---
17	10.7	8.2	9.2	10.6	9.3	10.0	17.3	14.7	16.0	13.9	12.0	12.9
18	11.4	8.9	10.0	11.1	9.8	10.4	17.3	15.4	16.3	13.9	11.6	12.7
19	12.4	9.4	10.7	13.7	9.8	11.7	16.3	11.4	13.6	14.7	12.7	13.6
20	11.7	9.7	10.8	14.5	12.6	13.5	13.6	12.3	12.8	15.3	13.2	14.5
21	12.7	10.4	11.5	16.1	13.5	14.7	13.7	11.2	12.8	15.7	14.6	15.2
22	12.3	11.0	11.7	15.6	10.6	13.2	13.1	11.4	12.1	21.2	15.5	18.2
23	11.2	8.9	10.0	14.2	10.7	12.4	13.9	10.7	12.2	20.7	17.4	19.1
24	12.1	9.8	10.9	13.0	11.3	12.0	17.4	13.9	15.4	18.8	16.7	17.9
25	13.8	11.4	12.3	11.3	10.1	10.5	16.6	14.9	15.8	21.1	16.0	18.3
26	13.2	10.7	11.9	11.5	10.5	10.9	16.3	12.4	14.5	21.2	18.0	19.4
27	13.9	10.2	12.1	12.2	11.3	11.7	15.6	12.2	14.1	20.5	18.2	19.2
28	15.2	12.5	13.8	11.9	10.4	11.1	19.3	14.9	16.8	21.8	18.7	20.1
29	---	---	---	11.3	10.6	10.9	17.6	13.2	15.4	24.0	19.0	21.4
30	---	---	---	11.3	10.7	11.0	14.4	10.8	12.5	25.3	21.0	23.2
31	---	---	---	12.1	10.8	11.4	---	---	---	26.6	22.7	24.5
Month	15.2	5.0	8.8	16.1	8.1	11.0	19.4	9.3	13.9	---	10.9	---

02336000 CHATTAHOOCHEE RIVER AT ATLANTA, GA—Continued

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	24.7	20.8	22.7	20.8	18.6	19.8	26.3	23.1	24.7	---	---	---
2	21.9	19.2	20.4	23.5	19.5	21.3	26.6	23.7	25.1	---	---	---
3	21.4	19.6	20.5	23.8	19.8	21.8	26.0	21.9	24.1	19.9	16.7	18.2
4	22.4	19.4	20.8	24.2	21.5	22.9	24.9	20.6	22.5	19.6	17.2	18.4
5	23.3	19.5	21.4	24.9	21.8	23.1	24.5	19.9	21.8	21.1	19.2	19.9
6	25.8	20.9	23.3	22.4	19.1	20.4	23.0	20.4	21.7	20.6	18.1	19.5
7	24.7	17.0	20.0	19.8	18.2	18.9	22.4	19.2	20.6	18.1	16.8	17.2
8	18.8	15.7	16.8	20.4	18.1	19.1	25.6	20.8	23.1	17.9	15.8	16.9
9	18.0	14.4	16.1	22.7	18.2	20.4	25.5	22.3	24.0	18.0	15.0	16.4
10	16.6	14.6	15.7	23.1	19.6	21.3	25.6	21.2	23.5	18.6	16.1	17.2
11	17.5	15.9	16.7	25.5	21.2	23.3	24.5	21.8	23.4	20.1	15.5	17.8
12	20.8	15.6	18.0	24.7	18.1	20.4	24.6	21.2	23.0	21.9	17.8	19.8
13	23.6	18.7	21.1	19.1	14.1	16.9	25.3	21.4	23.2	22.1	18.5	20.3
14	22.6	17.2	20.6	23.4	17.6	20.6	24.9	20.8	23.0	20.4	16.1	17.5
15	18.3	16.3	17.2	22.2	18.8	20.7	24.6	20.8	22.7	17.4	16.1	16.6
16	19.0	16.1	17.9	21.0	17.9	19.2	23.8	20.4	22.0	16.5	14.1	15.3
17	19.5	15.5	17.2	23.7	19.4	21.4	22.4	18.4	20.5	16.3	13.9	15.3
18	17.1	14.8	16.0	24.5	20.9	22.8	23.2	---	---	18.8	15.5	17.0
19	21.6	16.2	18.7	25.0	21.9	23.5	23.4	19.4	21.4	19.1	16.9	18.1
20	25.0	19.5	22.0	23.3	20.8	22.3	23.3	20.3	22.0	18.7	14.9	16.7
21	22.1	17.6	20.4	24.0	21.1	22.3	---	20.5	---	16.7	14.8	16.0
22	19.2	16.9	18.2	22.0	20.1	21.0	24.9	---	---	17.0	14.8	15.9
23	18.2	16.0	16.9	23.6	21.1	22.3	24.6	20.8	22.6	18.1	15.4	17.1
24	18.3	16.6	17.5	25.6	21.6	23.5	23.8	19.5	21.4	20.6	17.9	19.0
25	19.1	17.2	18.5	25.4	22.4	23.9	21.5	18.8	19.7	21.5	17.7	19.6
26	22.8	17.6	20.1	25.1	23.0	23.8	19.3	17.4	18.3	22.5	20.1	21.2
27	25.5	20.7	23.0	24.8	20.8	22.8	20.1	17.9	18.9	20.9	15.8	17.5
28	24.0	19.9	21.6	25.6	21.4	23.3	22.3	17.3	19.7	17.8	16.2	16.9
29	21.7	19.7	20.5	25.3	21.2	23.3	23.7	19.5	21.5	17.8	15.8	16.7
30	21.6	18.6	20.2	24.2	21.5	23.1	21.9	18.8	20.7	18.8	15.6	17.0
31	---	---	---	25.7	21.5	23.6	19.4	17.2	18.4	---	---	---
Month	25.8	14.4	19.3	25.7	14.1	21.7	---	---	---	---	---	---

02336000 CHATTAHOOCHEE RIVER AT ATLANTA, GA—Continued



02336000 CHATTAHOOCHEE RIVER AT ATLANTA, GA—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

[>, greater than]

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	October			November			December			January		
1	---	---	---	---	---	---	---	---	---	60	3.7	4.6
2	---	---	---	---	---	---	---	---	---	37	21	30
3	---	---	---	---	---	---	---	---	---	42	23	31
4	---	---	---	---	---	---	---	---	---	68	18	26
5	---	---	---	---	---	---	---	---	---	23	9.5	11
6	---	---	---	---	---	---	---	---	---	13	6.8	8.1
7	---	---	---	---	---	---	12	5.1	6.6	7.4	4.7	5.5
8	---	---	---	---	---	---	9.7	5.2	6.5	9.0	3.9	4.8
9	---	---	---	---	---	---	11	5.1	7.2	4.2	3.6	3.8
10	---	---	---	---	---	---	12	4.3	5.8	3.8	3.1	3.4
11	---	---	---	---	---	---	11	3.4	4.4	6.5	3.2	4.3
12	---	---	---	---	---	---	13	3.4	8.2	24	4.0	4.4
13	---	---	---	---	---	---	8.8	5.4	6.9	24	7.7	9.9
14	---	---	---	---	---	---	24	7.4	7.9	18	6.5	8.9
15	---	---	---	---	---	---	12	7.9	9.7	29	9.3	19
16	---	---	---	---	---	---	10	5.9	7.4	13	4.3	5.5
17	---	---	---	---	---	---	9.9	5.3	6.4	8.5	3.7	4.7
18	---	---	---	---	---	---	8.2	4.2	5.5	7.2	3.3	3.7
19	---	---	---	---	---	---	5.2	4.1	4.6	11	4.8	5.7
20	---	---	---	---	---	---	10	3.7	4.1	10	4.9	5.6
21	---	---	---	---	---	---	12	5.8	6.8	6.4	3.7	4.3
22	---	---	---	---	---	---	9.2	4.1	5.0	4.9	3.1	3.4
23	---	---	---	---	---	---	5.0	3.8	4.2	14	2.8	3.0
24	---	---	---	---	---	---	4.7	3.3	3.9	7.6	2.7	3.0
25	---	---	---	---	---	---	5.9	3.2	3.8	11	4.7	6.3
26	---	---	---	---	---	---	4.1	3.3	3.5	20	5.8	6.8
27	---	---	---	---	---	---	8.2	2.9	3.3	15	6.7	7.5
28	---	---	---	---	---	---	8.3	4.2	5.3	8.2	5.1	5.7
29	---	---	---	---	---	---	6.3	3.9	4.5	7.9	4.3	4.8
30	---	---	---	---	---	---	6.6	3.8	4.1	---	3.9	---
31	---	---	---	---	---	---	7.1	3.5	4.2	---	---	---
Max	---	---	---	---	---	---	---	---	---	---	---	---
Min	---	---	---	---	---	---	---	---	---	---	---	---

02336000 CHATTAHOOCHEE RIVER AT ATLANTA, GA—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

[>, greater than]

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	February			March			April			May		
1	96	4.8	7.9	162	30	92	67	20	35	18	5.7	7.7
2	148	38	72	88	47	61	32	9.5	17	20	5.5	8.4
3	133	62	72	62	32	40	13	5.2	10	21	7.6	14
4	>1,100	25	34	60	13	22	21	5.7	9.7	38	11	16
5	55	33	42	14	9.4	12	83	16	31	24	9.1	13
6	47	35	42	26	8.5	15	43	27	35	18	7.9	12
7	43	32	35	31	16	19	67	16	28	8.1	2.8	4.2
8	37	13	17	121	27	72	19	6.2	12	4.5	2.8	3.2
9	25	8.0	11	160	48	75	6.5	3.3	4.1	13	1.9	2.9
10	25	13	16	118	72	87	12	3.5	5.3	19	6.0	10
11	22	7.3	14	137	47	110	28	6.9	10	21	5.4	9.1
12	16	5.2	7.5	49	19	28	26	6.9	14	23	5.0	9.8
13	5.4	4.0	4.2	22	15	18	38	8.7	15	27	4.7	7.9
14	18	3.9	4.6	25	14	17	16	5.0	9.1	17	4.5	7.5
15	18	9.1	11	53	21	46	323	5.5	14	6.1	3.2	4.2
16	17	5.5	6.4	51	22	38	453	72	111	6.1	4.0	4.7
17	13	6.1	7.6	31	17	21	107	59	84	12	5.5	7.3
18	53	6.5	9.9	27	15	19	60	29	44	22	5.3	8.0
19	16	6.0	6.9	23	6.9	14	102	17	38	18	5.3	8.5
20	6.2	5.1	5.5	7.7	5.6	6.6	30	11	16	21	4.9	8.4
21	7.6	4.7	5.5	25	6.1	7.3	38	11	19	11	5.0	8.1
22	---	5.7	---	98	8.4	21	23	12	17	5.3	3.3	4.0
23	---	---	---	26	9.0	16	22	8.1	14	9.4	3.8	5.2
24	---	4.2	---	20	9.0	12	11	6.1	8.2	15	4.0	7.3
25	21	3.8	7.4	44	9.1	17	38	8.2	14	4.1	3.2	3.8
26	13	6.4	9.3	57	5.2	9.0	74	13	26	60	3.4	3.9
27	7.6	5.2	6.0	188	31	60	28	8.3	15	49	8.0	17
28	57	5.5	6.2	180	45	118	8.3	4.6	5.2	26	7.2	12
29	---	---	---	94	54	62	27	4.6	14	33	5.2	6.4
30	---	---	---	78	18	55	19	6.5	10	14	3.4	4.1
31	---	---	---	62	17	32	---	---	---	12	1.4	3.7
Max	---	---	---	188	72	118	453	72	111	60	11	17
Min	---	---	---	7.7	5.2	6.6	6.5	3.3	4.1	4.1	1.4	2.9

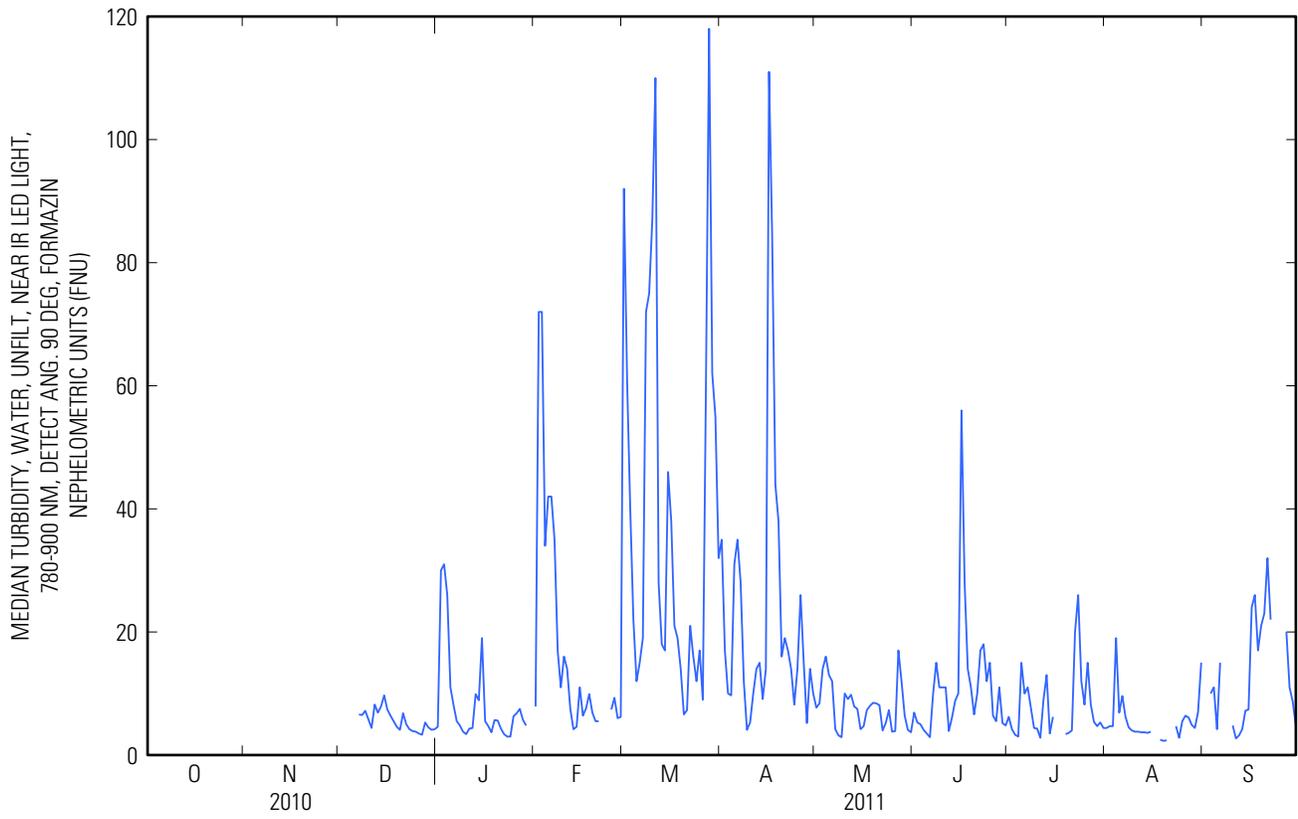
02336000 CHATTAHOOCHEE RIVER AT ATLANTA, GA—Continued

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

[>, greater than]

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	June			July			August			September		
1	17	3.5	6.9	20	4.0	6.2	6.2	3.5	4.4	---	---	---
2	15	4.1	5.3	5.7	3.0	4.2	7.8	3.8	4.7	---	---	---
3	10	3.6	5.0	40	2.5	3.3	5.9	4.1	4.7	17	8.4	10
4	12	3.2	4.1	242	2.0	3.0	72	4.6	19	23	3.1	11
5	4.0	3.0	3.5	67	7.3	15	13	5.1	6.9	55	2.4	4.2
6	8.8	2.2	2.9	40	6.3	10	20	5.4	9.6	87	6.9	15
7	44	2.8	9.9	23	6.8	11	7.9	4.9	6.2	---	---	---
8	37	8.0	15	16	5.2	7.7	6.7	2.8	4.5	---	---	---
9	31	6.3	11	6.0	3.6	4.4	5.1	3.0	4.0	---	---	---
10	36	4.5	11	5.5	3.4	4.3	4.8	3.0	3.8	8.7	3.2	4.8
11	19	4.4	11	5.0	1.8	2.8	5.1	3.0	3.8	6.4	1.8	2.7
12	25	3.0	3.9	27	2.8	9.0	4.7	3.0	3.7	4.6	2.5	3.2
13	12	4.3	6.1	64	5.6	13	4.3	2.9	3.7	5.2	3.5	4.2
14	24	4.5	8.8	5.9	2.5	3.5	4.4	2.9	3.6	19	4.2	7.2
15	62	5.9	10	12	2.3	6.2	4.6	2.9	3.8	25	3.7	7.4
16	142	28	56	---	---	---	---	---	---	68	3.7	24
17	70	13	28	---	---	---	---	1.8	---	46	12	26
18	30	7.8	14	---	---	---	3.3	1.7	2.5	29	9.7	17
19	20	6.4	11	4.4	2.7	3.4	3.5	1.8	2.3	34	8.5	21
20	19	4.5	6.6	4.2	3.0	3.6	3.4	1.7	2.4	38	16	23
21	21	5.1	10	9.3	3.3	4.0	---	---	---	54	21	32
22	33	8.1	17	112	9.3	20	---	---	---	43	17	22
23	29	11	18	36	15	26	8.2	2.2	4.7	150	---	---
24	21	8.1	12	15	8.2	12	4.7	2.1	2.8	---	---	---
25	26	7.0	15	215	6.1	8.2	58	2.3	5.5	---	---	---
26	31	4.3	6.4	36	8.2	15	58	4.6	6.4	---	7.4	---
27	17	4.0	5.5	13	5.9	8.2	15	4.4	6.1	89	6.6	20
28	25	5.4	11	10	4.3	5.4	8.0	2.5	4.9	19	7.0	11
29	12	3.9	5.2	6.8	3.6	4.7	6.7	2.6	4.4	12	5.8	8.7
30	20	3.8	4.8	7.4	4.3	5.3	22	4.7	7.0	11	3.3	4.8
31	---	---	---	6.4	3.6	4.4	25	6.3	15	---	---	---
Max	142	28	56	---	---	---	---	---	---	---	---	---
Min	4.0	2.2	2.9	---	---	---	---	---	---	---	---	---

02336000 CHATTAHOOCHEE RIVER AT ATLANTA, GA—Continued



02336000 CHATTAHOOCHEE RIVER AT ATLANTA, GA—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 1 of 2

[FNU, Formazin nephelometric units; LED, light-emitting diode; MPN/100 mL, most probable number per 100 milliliters; ft³/s, cubic feet per second; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter; --, no data; >, greater than; A, average]

Sample date-time	Discharge, ft ³ /s (00060)	Specific conductance, water, unfiltered, μS/cm at 25 °C (00095)	Temperature, water, °C (00010)	Turbidity, water, unfiltered, monochrome near infra-red LED light, 780-900 nm, detection angle 90 +/- 2.5 degrees, FNU (63680)	Sample purpose (71999)	Sample source (72005)	Sample treatment, code (00115)	Sampler type (84164)
10-07-2010 0910	1,100	--	--	--	Routine	Mainstream	Raw	Weighted-bottle
10-14-2010 0915	1,650	--	--	--	Routine	Mainstream	Raw	Weighted-bottle
10-21-2010 0905	1,010	--	--	--	Routine	Mainstream	Raw	Weighted-bottle
10-28-2010 0910	3,520	--	--	--	Routine	Mainstream	Raw	Weighted-bottle
11-04-2010 0910	1,130	--	--	--	Routine	Mainstream	Raw	Weighted-bottle
11-18-2010 0910	1,210	--	--	--	Routine	Mainstream	Raw	Weighted-bottle
12-02-2010 0910	1,790	--	--	--	Routine	Mainstream	Raw	Weighted-bottle
12-09-2010 0915	1,550	86	4.7	7.7	Routine	Mainstream	Raw	Weighted-bottle
01-06-2011 0915	1,640	70	7.4	8.4	Routine	Mainstream	Raw	Weighted-bottle
01-20-2011 0915	1,660	84	6.3	5.4	Routine	Mainstream	Raw	Weighted-bottle
02-03-2011 0920	2,370	61	6.0	66	Routine	Mainstream	Raw	Weighted-bottle
02-10-2011 0915	1,460	63	5.5	16	Routine	Mainstream	Raw	Weighted-bottle
02-17-2011 0915	1,480	69	8.3	6.4	Routine	Mainstream	Raw	Weighted-bottle
02-24-2011 1015	1,100	63	10.0	--	Routine	Mainstream	Raw	Weighted-bottle
03-10-2011 0745	5,690	50	10.7	88	Routine	Mainstream	Raw	Weighted-bottle
03-24-2011 1025	2,950	56	11.8	13	Routine	Mainstream	Raw	Weighted-bottle
03-31-2011 0915	3,830	59	11.0	33	Routine	Mainstream	Raw	Weighted-bottle
04-07-2011 0920	4,300	58	11.8	37	Routine	Mainstream	Raw	Weighted-bottle
04-14-2011 0900	4,090	59	12.4	14	Routine	Mainstream	Raw	Weighted-bottle
04-28-2011 0915	1,160	58	15.2	5.0	Routine	Mainstream	Raw	Weighted-bottle
05-05-2011 0915	6,830	60	11.0	14	Routine	Mainstream	Raw	Weighted-bottle
05-26-2011 0920	1,540	84	18.5	3.7	Routine	Mainstream	Raw	Weighted-bottle

02336000 CHATTAHOOCHEE RIVER AT ATLANTA, GA—Continued

06-02-2011 0900	2,790	95	19.3	14	Routine	Mainstream	Raw	Weighted-bottle
06-09-2011 0810	3,760	81	17.1	23	Routine	Mainstream	Raw	Weighted-bottle
06-16-2011 0830	8,700	68	16.4	100	Routine	Mainstream	Raw	Weighted-bottle
06-23-2011 0715	3,560	80	17.6	20	Routine	Mainstream	Raw	Weighted-bottle
06-30-2011 0805	2,600	80	18.6	16	Routine	Mainstream	Raw	Weighted-bottle
07-14-2011 0815	967	75	18.7	4.3	Routine	Mainstream	Raw	Weighted-bottle
07-28-2011 0815	1,050	87	21.4	6.0	Routine	Mainstream	Raw	Weighted-bottle
08-11-2011 0830	990	86	21.8	4.6	Routine	Mainstream	Raw	Weighted-bottle
08-18-2011 0820	990	82	19.8	2.8	Routine	Mainstream	Raw	Weighted-bottle
08-25-2011 0800	3,940	89	19.4	50	Routine	Mainstream	Raw	Weighted-bottle
09-01-2011 0840	2,630	87	18.6	14	Routine	Mainstream	Raw	Weighted-bottle
09-08-2011 0855	2,010	104	16.3	23	Routine	Mainstream	Raw	Weighted-bottle
09-15-2011 0815	3,310	77	16.9	14	Routine	Mainstream	Raw	Weighted-bottle

02336000 CHATTAHOOCHEE RIVER AT ATLANTA, GA—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 2 of 2

[FNU, Formazin nephelometric units; LED, light-emitting diode; MPN/100 mL, most probable number per 100 milliliters; ft³/s, cubic feet per second; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; --, no data; >, greater than; A, average]

Sample date-time	Sampling method (82398)	Purpose, site visit (50280)	Type of quality assurance data associated with sample (99111)	Esche- richia coli, Defined Substrate Tech- nology, water, MPN/100 mL (50468)	Total coliform, Defined Substrate Tech- nology, water, MPN/100 mL (50569)
10-07-2010 0910	Weighted bottle	Fixed frequency SW	No assoc QA data	140	5,100
10-14-2010 0915	Weighted bottle	Fixed frequency SW	No assoc QA data	120	3,600
10-21-2010 0905	Weighted bottle	Fixed frequency SW	No assoc QA data	54	970
10-28-2010 0910	Weighted bottle	Fixed frequency SW	No assoc QA data	3,900	200,000
11-04-2010 0910	Weighted bottle	Fixed frequency SW	No assoc QA data	110	5,200
11-18-2010 0910	Weighted bottle	Fixed frequency SW	No assoc QA data	74	17,000
12-02-2010 0910	Weighted bottle	Fixed frequency SW	No assoc QA data	3,900	240,000
12-09-2010 0915	Weighted bottle	Fixed frequency SW	No assoc QA data	66	1,400
01-06-2011 0915	Weighted bottle	Fixed frequency SW	No assoc QA data	61	1,500
01-20-2011 0915	Weighted bottle	Fixed frequency SW	No assoc QA data	81	770
02-03-2011 0920	Weighted bottle	Fixed frequency SW	No assoc QA data	1,200	16,000
02-10-2011 0915	Weighted bottle	Fixed frequency SW	No assoc QA data	82	2,400
02-17-2011 0915	Weighted bottle	Fixed frequency SW	No assoc QA data	16	900
02-24-2011 1015	Weighted bottle	Fixed frequency SW	No assoc QA data	24	950
03-10-2011 0745	Weighted bottle	Fixed frequency SW	No assoc QA data	2,700	58,000
03-24-2011 1025	Weighted bottle	Fixed frequency SW	No assoc QA data	88	1,400
03-31-2011 0915	Weighted bottle	Fixed frequency SW	No assoc QA data	820	9,700
04-07-2011 0920	Weighted bottle	Fixed frequency SW	No assoc QA data	160	11,000
04-14-2011 0900	Weighted bottle	Fixed frequency SW	No assoc QA data	40	2,500
04-28-2011 0915	Weighted bottle	Fixed frequency SW	No assoc QA data	76	5,800
05-05-2011 0915	Weighted bottle	Fixed frequency SW	No assoc QA data	140	17,000
05-26-2011 0920	Weighted bottle	Fixed frequency SW	No assoc QA data	37	4,000
06-02-2011 0900	Weighted bottle	Fixed frequency SW	No assoc QA data	180	17,000
06-09-2011 0810	Weighted bottle	Fixed frequency SW	No assoc QA data	140	8,700
06-16-2011 0830	Weighted bottle	Fixed frequency SW	No assoc QA data	3,000	200,000
06-23-2011 0715	Weighted bottle	Fixed frequency SW	No assoc QA data	310	20,000
06-30-2011 0805	Weighted bottle	Fixed frequency SW	No assoc QA data	210	4,900
07-14-2011 0815	Weighted bottle	Fixed frequency SW	No assoc QA data	110	4,900
07-28-2011 0815	Weighted bottle	Fixed frequency SW	No assoc QA data	20	970
08-11-2011 0830	Weighted bottle	Fixed frequency SW	No assoc QA data	160	5,200
08-18-2011 0820	Weighted bottle	Fixed frequency SW	No assoc QA data	110	3,100
08-25-2011 0800	Weighted bottle	Fixed frequency SW	No assoc QA data	1,700	> 24,000
09-01-2011 0840	Weighted bottle	Fixed frequency SW	No assoc QA data	70	6,500
09-08-2011 0855	Weighted bottle	Fixed frequency SW	No assoc QA data	73	A 5,800
09-15-2011 0815	Weighted bottle	Fixed frequency SW	No assoc QA data	120	3,100