Water-Data Report 2011

02215000 OCMULGEE RIVER AT HAWKINSVILLE, GA.

Altamaha Basin
Lower Ocmulgee Subbasin

LOCATION.--Lat 32°16′50″, long 83°27′40″ referenced to North American Datum of 1927, Pulaski County, GA, Hydrologic Unit 03070104, at downstream side of bridge on US 341, 0.9 mi downstream from confluence with Double Branch, 0.9 mi upstream from confluence with Mile Creek, and 0.8 mi east of Hawkinsville.

DRAINAGE AREA.--3,800 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--
DISCHARGE: October 1928 to December 1931, October 1943 to September 1959, October 1959 to September 1996 (annual maximum only), and June 2007 to current year.
GAGE-HEIGHT: June 2007 to current year.

COOPERATION.--USGS National Streamflow Information Program (NSIP).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 100,000 cfs, July 9, 1994; maximum gage-height recorded, 40.91 feet, July 9, 1994; minimum daily discharge, 280 cfs, October 7, 1931.

EXTREMES FOR CURRENT YEAR.--Maximum discharge recorded, 12,500 cfs, February 11; maximum gage-height recorded, 16.43 feet, February 11; minimum gage-height recorded, 0.04 feet, September 4; minimum daily discharge, 463 cfs, September 4.

02215000 OCMULGEE RIVER AT HAWKINSVILLE, GA.—Continued

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

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	3,140	2,680	1,570	1,970	2,430	2,770	7,770	3,210	1,700	1,100	716	488
2	2,670	2,560	1,910	2,040	2,560	2,980	9,390	3,540	1,250	1,060	710	485
3	2,320	1,880	2,730	2,100	2,750	3,390	10,500	3,270	1,050	967	672	475
4	2,050	1,450	3,210	2,480	3,470	3,650	11,000	2,470	984	897	651	475
5	1,720	1,360	3,500	2,860	6,010	3,860	10,800	2,420	930	874	620	482
6	1,560	1,400	3,800	2,890	8,130	4,100	10,100	2,160	899	951	591	511
7	1,370	1,750	4,170	2,840	8,870	4,320	9,170	2,300	896	904	553	581
8	1,210	1,930	4,410	2,770	8,960	4,410	8,130	2,060	863	880	560	634
9	1,150	1,640	4,040	2,700	10,400	4,430	7,250	1,540	808	893	643	633
10	1,120	1,450	3,070	2,640	12,100	4,790	6,780	1,370	754	836	696	614
11	1,090	1,430	2,560	2,560	12,200	5,170	6,410	1,320	743	789	727	591
12	1,070	1,390	2,430	2,590	11,300	5,370	5,860	1,580	721	827	743	550
13	1,050	1,260	2,410	2,720	10,100	5,520	5,120	1,500	694	811	710	519
14	1,040	1,210	2,440	2,840	8,770	6,070	4,380	1,380	683	867	690	504
15	1,020	1,210	2,470	2,780	7,600	6,730	3,670	1,280	658	922	788	496
16	996	1,230	2,460	2,520	6,680	7,090	3,150	1,230	660	1,160	850	486
17	972	1,260	2,450	2,390	5,990	6,990	2,920	1,140	645	1,380	811	489
18	943	1,780	2,370	2,360	5,170	6,250	3,030	1,240	732	1,310	756	489
19	923	2,440	2,260	2,460	4,090	5,430	3,300	1,160	873	1,410	662	478
20	919	2,300	2,330	2,590	3,370	5,170	3,530	1,050	782	1,390	612	481
21	927	1,830	2,230	2,660	3,020	5,160	3,700	1,140	806	1,310	603	499
22	932	1,540	2,180	2,620	2,800	5,080	3,700	1,150	883	1,150	610	515
23	950	1,400	2,180	2,520	2,870	4,940	3,220	1,170	874	948	578	845
24	936	1,330	2,160	2,430	3,030	4,650	2,290	1,120	852	796	563	1,420
25	956	1,310	2,130	2,320	2,980	3,950	1,760	989	828	903	548	1,750
26	980	1,330	2,100	2,300	2,610	3,150	2,020	914	903	991	531	1,690
27	1,030	1,510	2,060	2,380	2,450	3,050	2,280	895	998	989	520	1,540
28	1,360	1,680	2,020	2,430	2,690	3,390	2,380	880	1,210	938	522	1,130
29	1,580	1,670	2,040	2,450	---	3,790	2,370	904	1,270	839	511	922
30	1,720	1,610	2,040	2,440	---	4,550	2,730	1,710	1,120	775	514	828
31	2,340	---	1,990	2,440	---	6,020	---	2,160	---	731	502	---
Mean	1,356	1,627	2,572	2,519	5,836	4,717	5,290	1,621	902	987	638	720
Max	3,140	2,680	4,410	2,890	12,200	7,090	11,000	3,540	1,700	1,410	850	1,750
Min	919	1,210	1,570	1,970	2,430	2,770	1,760	880	645	731	502	475
Ac-ft	83,390	96,830	158,100	154,900	324,100	290,000	314,800	99,670	53,690	60,690	39,200	42,840
Cfsm	0.36	0.43	0.68	0.66	1.54	1.24	1.39	0.43	0.24	0.26	0.17	0.19

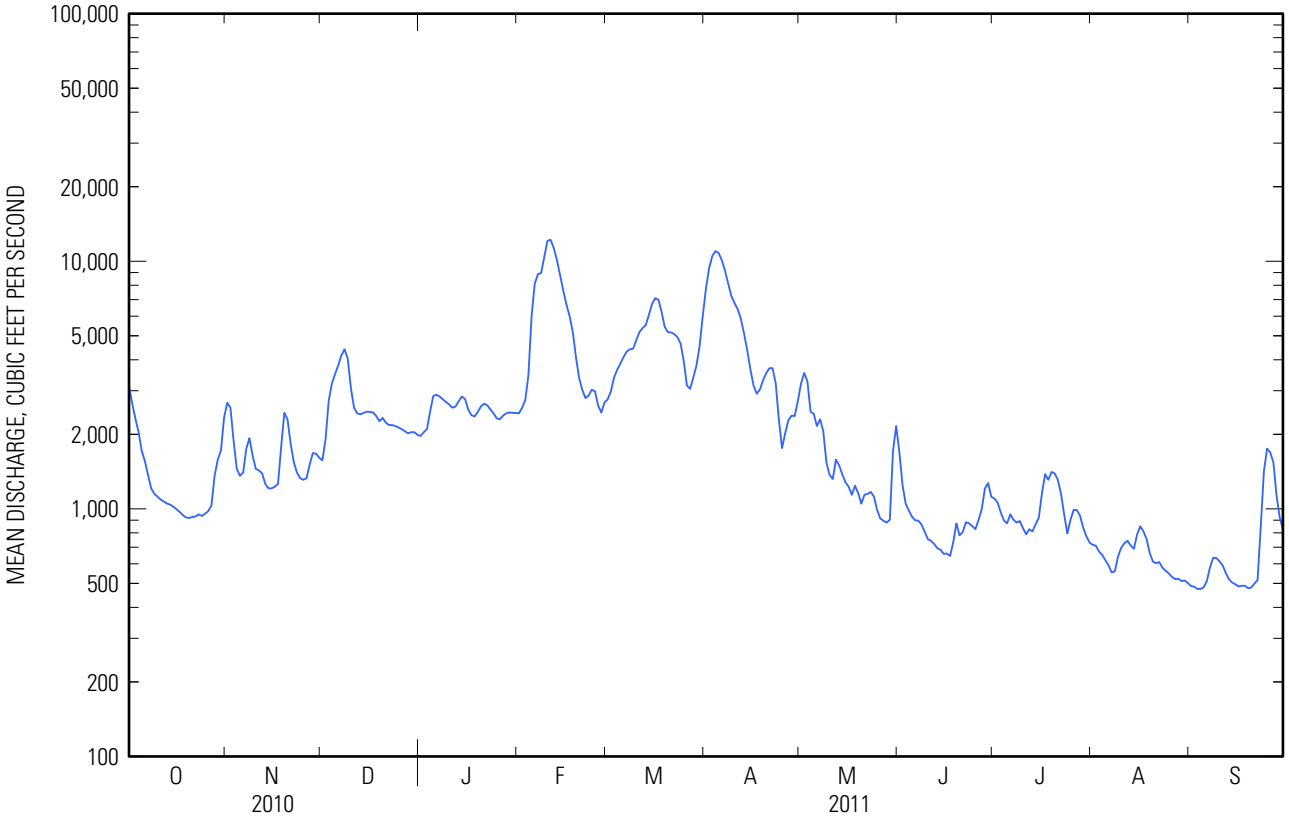
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1929 - 2011, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	2,303	2,542	4,540	4,859	6,123	8,762	6,369	4,201	2,464	2,186	1,745	1,801
Max	13,150	8,847	17,740	13,030	12,860	36,930	13,700	11,410	5,634	4,079	3,654	6,306
(WY)	(1930)	(2010)	(1949)	(1946)	(1948)	(1929)	(2009)	(1953)	(1929)	(1948)	(1949)	(2009)
Min	447	576	1,214	1,328	1,650	2,863	3,246	1,585	821	872	638	632
(WY)	(1955)	(1932)	(1955)	(1956)	(2009)	(1955)	(1954)	(2008)	(2008)	(2008)	(2011)	(1931)

02215000 OCMULGEE RIVER AT HAWKINSVILLE, GA.—Continued

SUMMARY STATISTICS

	Calendar Year 2010		Water Year 2011		Water Years 1929 - 2011	
Annual mean	4,220		2,373		4,015	
Highest annual mean					7,147	1929
Lowest annual mean					1,971	2008
Highest daily mean	23,300	Jan 31	12,200	Feb 11	70,500	Mar 8, 1929
Lowest daily mean	760	Sep 25	475	Sep 3	280	Oct 7, 1931
Annual seven-day minimum	827	Sep 19	488	Aug 31	373	Oct 2, 1931
Maximum peak flow			12,500	Feb 11	100,000	Jul 9, 1994
Maximum peak stage			16.43	Feb 11	40.91	Jul 9, 1994
Annual runoff (ac-ft)	3,055,000		1,718,000		2,909,000	
Annual runoff (cfsm)	1.11		0.625		1.06	
10 percent exceeds	10,400		5,170		7,900	
50 percent exceeds	2,590		1,610		2,580	
90 percent exceeds	1,110		628		1,060	



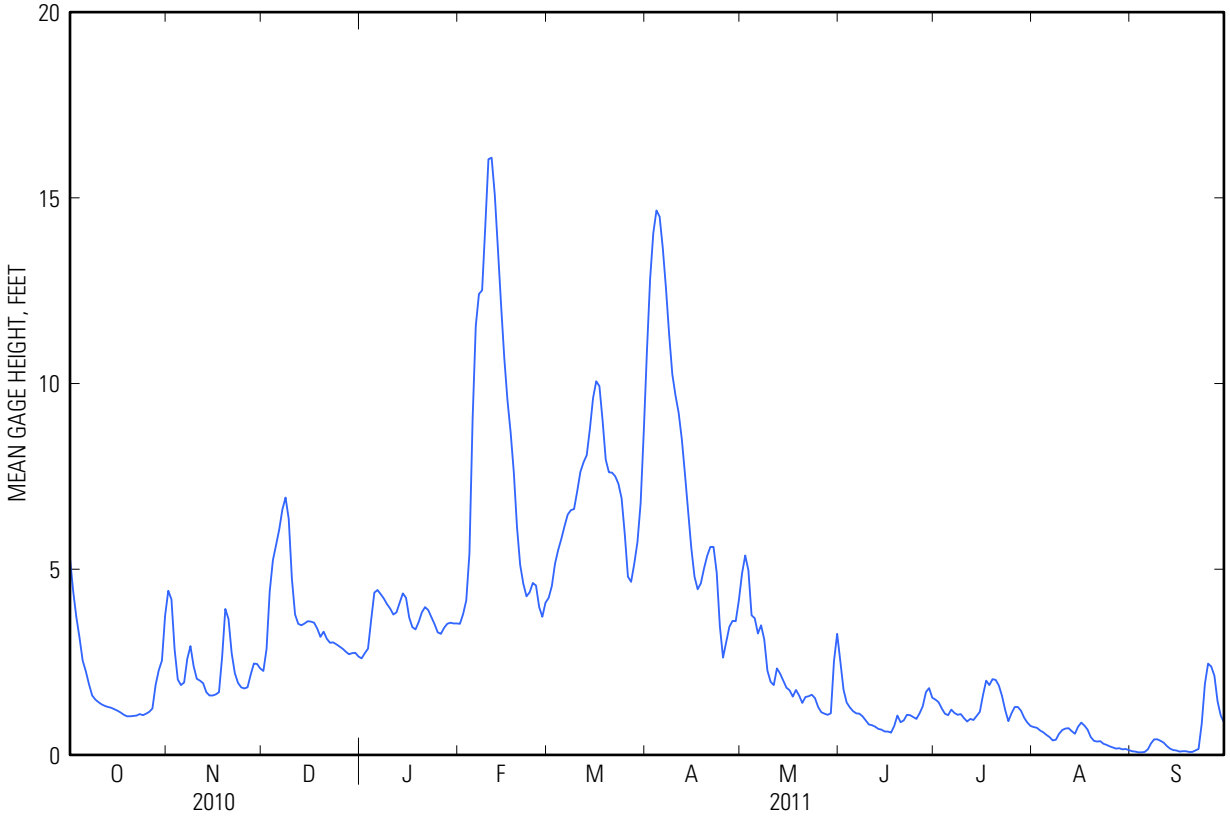
02215000 OCMULGEE RIVER AT HAWKINSVILLE, GA.—Continued

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	5.29	4.42	2.26	2.60	3.53	4.23	10.89	4.89	2.52	1.49	0.75	0.10
2	4.41	4.19	2.85	2.74	3.79	4.55	12.82	5.37	1.76	1.42	0.73	0.09
3	3.71	2.84	4.40	2.86	4.16	5.15	14.05	4.97	1.41	1.25	0.66	0.07
4	3.16	2.03	5.24	3.63	5.42	5.52	14.66	3.76	1.28	1.11	0.61	0.07
5	2.54	1.88	5.65	4.37	9.03	5.82	14.49	3.68	1.18	1.07	0.54	0.08
6	2.25	1.95	6.07	4.44	11.55	6.16	13.64	3.27	1.12	1.22	0.48	0.15
7	1.90	2.59	6.61	4.33	12.41	6.47	12.56	3.49	1.11	1.13	0.39	0.31
8	1.60	2.93	6.93	4.21	12.51	6.59	11.32	3.11	1.04	1.08	0.41	0.42
9	1.49	2.39	6.35	4.06	14.23	6.62	10.25	2.27	0.93	1.10	0.57	0.42
10	1.42	2.05	4.74	3.94	16.04	7.10	9.68	1.97	0.82	0.99	0.67	0.38
11	1.36	2.00	3.78	3.78	16.08	7.62	9.21	1.88	0.80	0.90	0.71	0.33
12	1.32	1.93	3.53	3.84	15.08	7.88	8.50	2.33	0.76	0.97	0.72	0.24
13	1.29	1.69	3.49	4.10	13.60	8.07	7.55	2.19	0.70	0.94	0.64	0.17
14	1.27	1.60	3.54	4.35	12.09	8.78	6.55	2.00	0.68	1.05	0.57	0.13
15	1.23	1.60	3.60	4.23	10.68	9.61	5.56	1.81	0.63	1.16	0.76	0.12
16	1.19	1.63	3.59	3.70	9.55	10.06	4.80	1.74	0.63	1.61	0.87	0.09
17	1.14	1.69	3.56	3.44	8.68	9.93	4.46	1.57	0.60	2.00	0.79	0.10
18	1.08	2.65	3.40	3.38	7.61	9.01	4.62	1.75	0.78	1.88	0.68	0.10
19	1.04	3.93	3.18	3.58	6.14	7.95	5.02	1.60	1.06	2.04	0.48	0.08
20	1.04	3.66	3.32	3.84	5.12	7.61	5.36	1.40	0.88	2.02	0.38	0.08
21	1.05	2.74	3.13	3.98	4.61	7.60	5.60	1.56	0.93	1.87	0.36	0.12
22	1.06	2.20	3.02	3.90	4.27	7.50	5.60	1.58	1.08	1.59	0.37	0.16
23	1.10	1.94	3.03	3.71	4.38	7.30	4.91	1.62	1.07	1.21	0.30	0.84
24	1.07	1.82	2.98	3.52	4.63	6.91	3.46	1.53	1.02	0.91	0.27	1.91
25	1.11	1.79	2.92	3.30	4.56	5.95	2.62	1.29	0.97	1.12	0.23	2.46
26	1.16	1.82	2.86	3.26	3.98	4.80	3.04	1.15	1.12	1.29	0.20	2.38
27	1.25	2.16	2.78	3.42	3.72	4.66	3.45	1.11	1.31	1.29	0.17	2.13
28	1.88	2.46	2.71	3.53	4.10	5.15	3.61	1.08	1.69	1.19	0.18	1.44
29	2.28	2.45	2.74	3.56	---	5.73	3.60	1.12	1.80	1.00	0.15	1.06
30	2.54	2.33	2.75	3.54	---	6.77	4.17	2.53	1.54	0.87	0.16	0.88
31	3.75	---	2.65	3.54	---	8.71	---	3.26	---	0.78	0.13	---
Mean	1.87	2.38	3.80	3.70	8.27	6.96	7.54	2.35	1.11	1.28	0.48	0.56
Max	5.29	4.42	6.93	4.44	16.08	10.06	14.66	5.37	2.52	2.04	0.87	2.46
Min	1.04	1.60	2.26	2.60	3.53	4.23	2.62	1.08	0.60	0.78	0.13	0.07

	Calendar Year 2010	Water Year 2011
Mean	6.00	3.32
Max	22.41	16.08
Min	0.72	0.07

02215000 OCMULGEE RIVER AT HAWKINSVILLE, GA.—Continued



02215000 OCMULGEE RIVER AT HAWKINSVILLE, GA.—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--December 1957 to May 1958, March 1961, June 1970, December 1973, January 2007 to current year.

REMARKS.--Analyzing agency is represented by the five-digit code listed under USGS Water Science Center special parameter code 99920. Laboratory analyses with analyzing agency code 81341 are by the Laboratory Services Section, Environmental Protection Division, Georgia Department of Natural Resources. Field determinations of Discharge, Specific Conductance, pH, Water Temperature, Air Temperature, and Dissolved Oxygen are by the U.S. Geological Survey.

COOPERATION.--Georgia Department of Natural Resources, Environmental Protection Division.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 1 of 3

[%, percent; ANC, acid neutralizing capacity; $CaCO_3$, calcium carbonate; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; P, phosphorus; ft^3/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; USGS-WRD, U.S. Geological Survey-Water Resources Discipline; <, less than; EST, Eastern Standard Time]

Date	Sample start time	Sample time datum	Collecting agency cd	Barometric pressure, mm Hg (00025)	Tempera-ture, air, °C (00020)	Discharge, instanta-neous, ft^3/s (00061)	Dissolved oxygen, water, unfiltered, mg/L (00300)	Dissolved oxygen, water, unfiltered, % saturation (00301)	pH, water, unfiltered, field, standard units (00400)	pH, water, unfiltered, laboratory, standard units (00403)
10-12-2010	**1300**	EST	USGS-WRD	766	28.1	1,060	8.6	98	7.2	7.5
11-01-2010	**1020**	EST	USGS-WRD	771	19.2	2,680	8.1	87	7.2	7.6
12-08-2010	**1240**	EST	USGS-WRD	766	1.3	4,430	11.4	95	6.5	7.1
01-18-2011	**1030**	EST	USGS-WRD	766	10.2	2,350	13.2	105	6.9	--
01-20-2011	**1150**	EST	USGS-WRD	770	15.3	2,580	12.3	106	6.8	7.2
01-20-2011	**1155**	EST	USGS-WRD	770	15.3	2,580	12.3	106	6.8	--
02-02-2011	**1200**	EST	USGS-WRD	770	14.4	2,560	12.3	112	6.8	--
02-08-2011	**1250**	EST	USGS-WRD	767	9.8	8,880	12.4	104	6.5	6.9
02-08-2011	**1255**	EST	USGS-WRD	767	9.8	8,880	12.4	104	6.5	--
03-23-2011	**1115**	EST	USGS-WRD	760	23.6	4,940	8.0	86	6.9	6.9
03-23-2011	**1120**	EST	USGS-WRD	760	23.6	4,950	8.0	86	6.9	--
04-06-2011	**1100**	EST	USGS-WRD	768	18.3	10,100	8.2	85	6.8	--
04-13-2011	**1040**	EST	USGS-WRD	764	20.8	5,170	7.9	88	6.8	--
04-19-2011	**1045**	EST	USGS-WRD	765	22.8	3,290	8.3	94	7.0	7.1
04-19-2011	**1050**	EST	USGS-WRD	765	22.8	3,290	8.3	94	7.0	--
05-09-2011	**1050**	EST	USGS-WRD	761	29.0	1,540	7.7	89	7.0	7.5
05-09-2011	**1055**	EST	USGS-WRD	761	29.0	1,540	7.7	89	7.0	--
05-16-2011	**0930**	EST	USGS-WRD	754	18.0	1,240	7.2	85	7.0	--
05-23-2011	**1000**	EST	USGS-WRD	764	31.7	1,180	7.6	92	7.0	--
06-06-2011	**1010**	EST	USGS-WRD	761	30.8	896	7.5	98	7.3	7.2
06-06-2011	**1015**	EST	USGS-WRD	761	30.8	896	7.5	98	7.3	--
07-06-2011	**1235**	EST	USGS-WRD	758	35.7	952	7.0	94	7.5	--
07-06-2011	**1240**	EST	USGS-WRD	758	35.7	952	7.0	94	7.5	--
07-18-2011	**1000**	EST	USGS-WRD	765	24.7	1,290	7.3	92	6.8	--
07-25-2011	**1015**	EST	USGS-WRD	762	29.4	896	7.2	95	7.1	--
08-01-2011	**1030**	EST	USGS-WRD	770	29.0	713	7.8	101	7.0	6.8
08-01-2011	**1035**	EST	USGS-WRD	770	29.0	713	7.8	101	7.0	--
09-19-2011	**1130**	EST	USGS-WRD	765	26.6	480	8.7	101	--	7.5

02215000 OCMULGEE RIVER AT HAWKINSVILLE, GA.—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
Part 2 of 3

[%, percent; ANC, acid neutralizing capacity; $CaCO_3$, calcium carbonate; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; P, phosphorus; ft^3/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; USGS-WRD, U.S. Geological Survey-Water Resources Discipline; <, less than; EST, Eastern Standard Time]

Date	Sample start time	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)	Biochemical oxygen demand, water, unfiltered, 5 days at 20 °C, mg/L (00310)	Hardness, water, mg/L as $CaCO_3$ (00900)	Suspended solids, water, unfiltered, mg/L (00530)	Turbidity, water, unfiltered, laboratory, nephelometric turbidity units (82079)	ANC, water, unfiltered, fixed endpoint (pH 4.5) titration, laboratory, mg/L as $CaCO_3$ (00417)	Ammonia plus organic nitrogen, water, unfiltered, mg/L as N (00625)
10-12-2010	1300	150	145	22.2	< 2.0	33	7.8	7.5	31	< .200
11-01-2010	1020	120	126	19.1	< 2.0	29	38	37	29	.270
12-08-2010	1240	110	107	7.5	< 2.0	24	17	22	21	.360
01-18-2011	1030	--	120	6.0	--	--	--	--	--	--
01-20-2011	1150	130	120	9.4	< 2.0	28	12	11	24	.240
01-20-2011	1155	--	120	9.4	--	--	--	--	--	--
02-02-2011	1200	--	128	11.7	--	--	--	--	--	--
02-08-2011	1250	70	69	7.9	< 2.0	17	17	44	11	.410
02-08-2011	1255	--	69	7.9	--	--	--	--	--	--
03-23-2011	1115	97	95	18.9	< 2.0	24	22	12	24	.490
03-23-2011	1120	--	95	18.9	--	--	--	--	--	--
04-06-2011	1100	--	77	17.9	--	--	--	--	--	--
04-13-2011	1040	--	89	20.8	--	--	--	--	--	--
04-19-2011	1045	86	92	21.9	< 2.0	23	19	23	24	.270
04-19-2011	1050	--	92	21.9	--	--	--	--	--	--
05-09-2011	1050	110	115	22.4	< 2.0	29	63	13	27	< .200
05-09-2011	1055	--	115	22.4	--	--	--	--	--	--
05-16-2011	0930	--	129	23.4	--	--	--	--	--	--
05-23-2011	1000	--	125	24.7	--	--	--	--	--	--
06-06-2011	1010	160	163	29.4	< 2.0	35	18	18	28	< .200
06-06-2011	1015	--	163	29.4	--	--	--	--	--	--
07-06-2011	1235	150	148	30.3	< 2.0	31	13	12	28	< .200
07-06-2011	1240	--	148	30.3	--	--	--	--	--	--
07-18-2011	1000	--	132	27.1	--	--	--	--	--	--
07-25-2011	1015	--	144	30.0	--	--	--	--	--	--
08-01-2011	1030	190	189	30.0	< 2.0	38	13	8.6	33	< .200
08-01-2011	1035	--	189	30.0	--	--	--	--	--	--
09-19-2011	1130	200	206	23.3	< 2.0	37	5.0	4.9	38	< .200

02215000 OCMULGEE RIVER AT HAWKINSVILLE, GA.—Continued

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

[%, percent; ANC, acid neutralizing capacity; $CaCO_3$, calcium carbonate; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; P, phosphorus; ft^3/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; USGS-WRD, U.S. Geological Survey-Water Resources Discipline; <, less than; EST, Eastern Standard Time]

Date	Sample start time	Ammonia, water, unfiltered, mg/L as N (00610)	Nitrate plus nitrite, water, unfiltered, mg/L as N (00630)	Orthophosphate, water, filtered, mg/L as P (00671)	Phosphorus, water, unfiltered, mg/L as P (00665)	Fecal coliform, EC broth method, water, MPN/100 mL (31615)	Organic carbon, water, unfiltered, mg/L (00680)	USGS Water Science Center special 99920 (99920)
10-12-2010	**1300**	< .030	.940	.0600	.07	--	3.0	81341
11-01-2010	**1020**	.030	.670	< .0400	.06	--	3.5	81341
12-08-2010	**1240**	< .030	.500	< .0400	.07	--	4.1	81341
01-18-2011	**1030**	--	--	--	--	40	--	81341
01-20-2011	**1150**	.030	.820	< .0400	.08	--	2.4	81341
01-20-2011	**1155**	--	--	--	--	40	--	81341
02-02-2011	**1200**	--	--	--	--	300	--	81341
02-08-2011	**1250**	< .030	.380	< .0400	.08	--	6.9	81341
02-08-2011	**1255**	--	--	--	--	500	--	81341
03-23-2011	**1115**	.040	.360	< .0400	.06	--	5.4	81341
03-23-2011	**1120**	--	--	--	--	20	--	81341
04-06-2011	**1100**	--	--	--	--	130	--	81341
04-13-2011	**1040**	--	--	--	--	80	--	81341
04-19-2011	**1045**	.030	.530	< .0400	.08	--	3.3	81341
04-19-2011	**1050**	--	--	--	--	40	--	81341
05-09-2011	**1050**	.040	.860	.0500	.13	--	2.8	81341
05-09-2011	**1055**	--	--	--	--	40	--	81341
05-16-2011	**0930**	--	--	--	--	40	--	81341
05-23-2011	**1000**	--	--	--	--	20	--	81341
06-06-2011	**1010**	< .030	1.0	.0700	.13	--	1.8	81341
06-06-2011	**1015**	--	--	--	--	20	--	81341
07-06-2011	**1235**	< .030	.840	.0700	.13	--	2.3	81341
07-06-2011	**1240**	--	--	--	--	40	--	81341
07-18-2011	**1000**	--	--	--	--	110	--	81341
07-25-2011	**1015**	--	--	--	--	220	--	81341
08-01-2011	**1030**	< .030	.870	.0700	.12	--	2.0	81341
08-01-2011	**1035**	--	--	--	--	20	--	81341
09-19-2011	**1130**	< .030	1.2	.1200	.16	--	1.6	81341

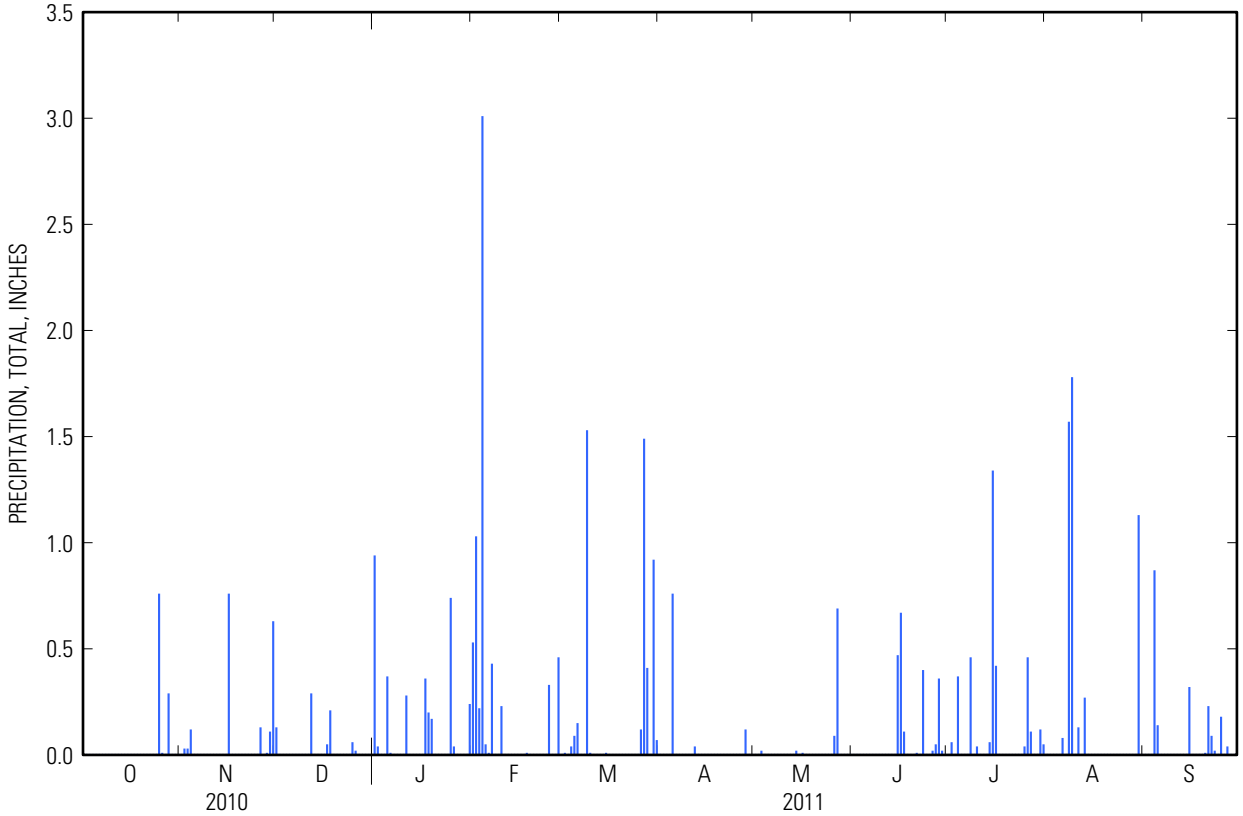
02215000 OCMULGEE RIVER AT HAWKINSVILLE, GA.—Continued

CLIMATOLOGICAL RECORDS

PERIOD OF RECORD.--October 2007 to current year.

INSTRUMENTATION.--Tipping-bucket raingage.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY SUM VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.13	0.94	0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.03	0.00	0.04	1.03	0.01	0.00	0.00	0.00	0.06	0.00	0.00
3	0.00	0.03	0.00	0.00	0.22	0.00	0.00	0.02	0.00	0.00	0.00	0.00
4	0.00	0.12	0.00	0.00	3.01	0.04	0.00	0.00	0.00	0.37	0.00	0.87
5	0.00	0.00	0.00	0.37	0.05	0.09	0.76	0.00	0.00	0.00	0.00	0.14
6	0.00	0.00	0.00	0.01	0.01	0.15	0.00	0.00	0.00	0.00	0.08	0.00
7	0.00	0.00	0.00	0.00	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.46	1.57	0.00
9	0.00	0.00	0.00	0.00	0.00	1.53	0.00	0.00	0.00	0.00	1.78	0.00
10	0.00	0.00	0.00	0.00	0.23	0.01	0.00	0.00	0.00	0.04	0.00	0.00
11	0.00	0.00	0.00	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00
12	0.00	0.00	0.29	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.06	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.47	1.34	0.00	0.32
16	0.00	0.76	0.00	0.00	0.00	0.00	0.00	0.01	0.67	0.42	0.00	0.00
17	0.00	0.00	0.05	0.36	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00
18	0.00	0.00	0.21	0.20	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.23
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.02
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.76	0.00	0.06	0.74	0.33	0.00	0.00	0.00	0.00	0.04	0.00	0.18
26	0.01	0.13	0.02	0.04	0.00	0.12	0.00	0.09	0.02	0.46	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	1.49	0.00	0.69	0.05	0.11	0.00	0.04
28	0.29	0.01	0.00	0.00	0.46	0.41	0.12	0.00	0.36	0.00	0.00	0.00
29	0.00	0.11	0.00	0.00	---	0.00	0.00	0.00	0.02	0.00	0.00	0.00
30	0.00	0.63	0.00	0.00	---	0.92	0.00	0.00	0.00	0.12	1.13	0.00
31	0.00	---	0.00	0.24	---	0.07	---	0.00	---	0.05	0.00	---
Total	1.06	1.82	0.76	3.39	6.31	4.85	0.92	0.83	2.11	3.53	4.96	1.90

02215000 OCMULGEE RIVER AT HAWKINSVILLE, GA.—Continued