

Water-Data Report 2011

02226160 ALTAMAHA RIVER NEAR EVERETT CITY, GA.

Altamaha Basin
Altamaha Subbasin

LOCATION.--Lat 31°25'37", long 81°36'20" referenced to North American Datum of 1927, Glynn County, GA, Hydrologic Unit 03070106, at Altamaha Park, 3 miles northeast of Everett City, and 15 miles northwest of Brunswick.

DRAINAGE AREA.--14,000 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--

DISCHARGE: February 2008 to current year.

GAGE-HEIGHT: February 2008 to current year.

WATER VELOCITY: February 2008 to current year.

GAGE.--Satellite telemetry with a water-stage recorder and an acoustic velocity meter. Velocity data represents the average water velocity at the upstream cross-section of the bridge with positive values in the downstream direction.

COOPERATION.--USGS National Stream Quality and Accounting Network Program (NASQAN).

REMARKS.--Discharge records are poor. Gage-height records are good. Velocity records are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 115,000 cfs, April 13, 2009; maximum gage-height recorded, 16.76 feet, April 13, 2009; minimum daily discharge, 3,060 cfs, September 7, 2011.

EXTREMES FOR CURRENT YEAR.--Maximum discharge recorded, 84,000 cfs, December 24; maximum gage-height recorded, 11.55 feet, February 20; minimum gage-height recorded, 3.12 feet, June 29; minimum daily discharge, 3,060 cfs, September 7.

02226160 ALTAMAHA RIVER NEAR EVERETT CITY, GA.—Continued

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	4,060	6,070	4,270	6,100	8,650	e14,500	11,800	8,410	3,810	3,750	4,240	4,010
2	4,570	6,020	4,250	5,920	9,040	12,200	11,600	8,190	4,170	4,030	4,420	3,840
3	5,360	6,590	4,530	5,650	8,740	11,600	12,200	8,070	4,020	3,970	4,400	3,730
4	6,120	6,570	4,770	6,040	9,150	11,300	13,100	8,520	4,510	4,010	4,090	3,650
5	6,750	6,490	4,740	5,990	9,700	11,100	14,100	9,140	4,700	4,030	3,710	3,630
6	7,450	6,260	4,980	5,980	9,870	11,100	15,600	9,740	4,820	4,010	3,760	3,350
7	8,030	6,330	4,700	5,950	10,000	11,000	17,300	9,890	5,080	4,000	3,810	3,060
8	8,270	6,440	5,040	5,900	10,600	11,100	18,800	9,580	4,630	3,990	3,560	3,160
9	8,060	6,080	5,350	6,650	10,600	11,400	20,000	8,790	4,240	3,470	3,590	3,160
10	7,620	5,950	5,770	7,890	11,400	12,200	21,200	8,170	3,940	3,370	3,400	3,120
11	6,910	5,620	6,320	8,080	12,200	12,600	22,300	7,490	3,920	3,560	3,680	3,310
12	6,110	5,600	6,670	7,420	11,800	12,400	23,200	7,250	3,840	3,770	3,930	3,450
13	5,530	5,490	6,060	7,150	12,900	12,300	24,000	6,910	3,770	3,730	4,080	3,460
14	5,020	5,530	6,640	7,290	14,700	12,400	24,500	6,760	3,750	3,650	4,090	3,520
15	4,810	5,470	7,140	7,340	17,200	12,000	24,400	6,520	4,130	4,340	3,880	3,540
16	4,670	5,200	7,060	7,870	20,400	12,300	23,700	6,110	4,460	4,700	4,030	3,500
17	4,510	4,480	6,330	8,370	23,200	13,300	22,100	5,890	4,340	4,770	4,120	3,820
18	4,230	4,480	6,310	8,740	25,400	e14,100	20,600	5,790	4,020	4,610	4,020	3,810
19	4,150	4,540	6,870	8,850	26,900	e14,900	18,900	5,800	3,820	4,550	3,800	3,770
20	4,080	4,570	7,170	8,520	27,600	e15,600	17,000	5,750	3,470	4,190	3,630	3,770
21	4,160	4,380	7,280	8,330	27,000	e16,200	15,200	5,650	3,510	3,870	3,590	3,530
22	4,050	4,500	7,040	8,200	25,200	e14,900	13,500	5,440	3,700	3,750	3,320	3,460
23	4,290	4,610	6,860	8,100	23,500	15,800	11,900	5,200	3,470	3,560	3,460	3,530
24	4,340	4,780	7,060	7,830	22,000	15,200	11,100	4,840	3,430	3,450	3,650	3,370
25	4,220	5,390	7,010	8,080	20,600	15,000	10,600	4,610	3,260	3,300	3,640	3,520
26	4,180	5,470	7,170	8,830	19,000	14,800	10,200	4,470	3,350	3,340	3,830	3,640
27	4,650	5,000	6,440	8,930	17,400	14,200	9,800	4,500	3,310	3,330	4,320	4,010
28	5,060	4,990	6,480	9,210	15,500	14,200	9,420	4,430	3,320	3,560	3,850	3,980
29	5,530	5,170	6,380	9,150	---	13,300	9,280	4,260	3,160	3,520	3,860	3,950
30	5,960	5,110	6,440	9,060	---	12,300	8,970	4,210	3,250	3,620	3,720	3,950
31	6,060	---	6,290	8,700	---	12,000	---	4,010	---	3,930	3,920	---
Total	168,810	163,180	189,420	236,120	460,250	407,300	486,370	204,390	117,200	119,730	119,400	107,600
Mean	5,445	5,439	6,110	7,617	16,440	13,140	16,210	6,593	3,907	3,862	3,852	3,587
Max	8,270	6,590	7,280	9,210	27,600	16,200	24,500	9,890	5,080	4,770	4,420	4,010
Min	4,050	4,380	4,250	5,650	8,650	11,000	8,970	4,010	3,160	3,300	3,320	3,060
Cfsm	0.39	0.39	0.44	0.54	1.17	0.94	1.16	0.47	0.28	0.28	0.28	0.26
In.	0.45	0.43	0.50	0.63	1.22	1.08	1.29	0.54	0.31	0.32	0.32	0.29

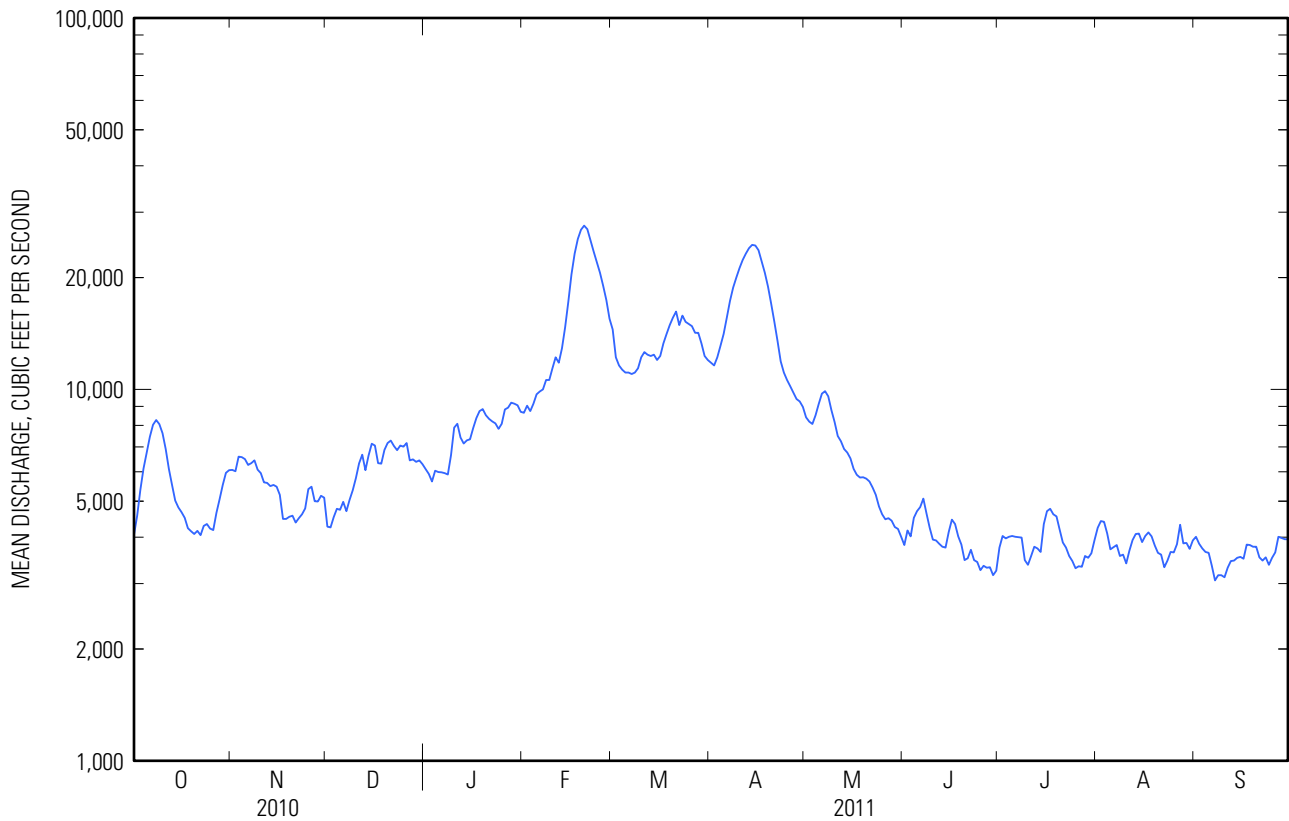
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2007 - 2011, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	10,230	10,930	22,460	21,340	27,150	21,230	26,860	10,600	8,049	4,672	4,556	4,796
Max	21,080	22,940	48,370	47,680	58,920	28,950	62,730	15,230	14,350	6,756	6,023	5,987
(WY)	(2010)	(2010)	(2010)	(2010)	(2010)	(2010)	(2009)	(2010)	(2009)	(2010)	(2010)	(2009)
Min	4,158	4,421	6,110	7,617	6,100	13,140	13,160	6,148	3,869	3,642	3,852	3,587
(WY)	(2009)	(2009)	(2011)	(2011)	(2009)	(2011)	(2008)	(2008)	(2008)	(2008)	(2011)	(2011)

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SUMMARY STATISTICS

	Calendar Year 2010		Water Year 2011		Water Years 2007 - 2011	
Annual total	6,330,270		2,779,770			
Annual mean	17,340		7,616		14,860	
Highest annual mean					23,700	2010
Lowest annual mean					7,616	2011
Highest daily mean	76,800	Feb 9	27,600	Feb 20	112,000	Apr 13, 2009
Lowest daily mean	3,960	Sep 18	3,060	Sep 7	3,060	Sep 7, 2011
Annual seven-day minimum	4,140	Sep 16	3,230	Sep 6	3,230	Sep 6, 2011
Maximum peak flow			28,000	Feb 20	115,000	Apr 13, 2009
Maximum peak stage			11.55	Feb 20	16.76	Apr 13, 2009
Annual runoff (cfs)	1.24		0.544		1.06	
Annual runoff (inches)	16.82		7.39		14.43	
10 percent exceeds	52,300		14,900		30,500	
50 percent exceeds	8,270		5,650		8,080	
90 percent exceeds	4,580		3,550		3,940	

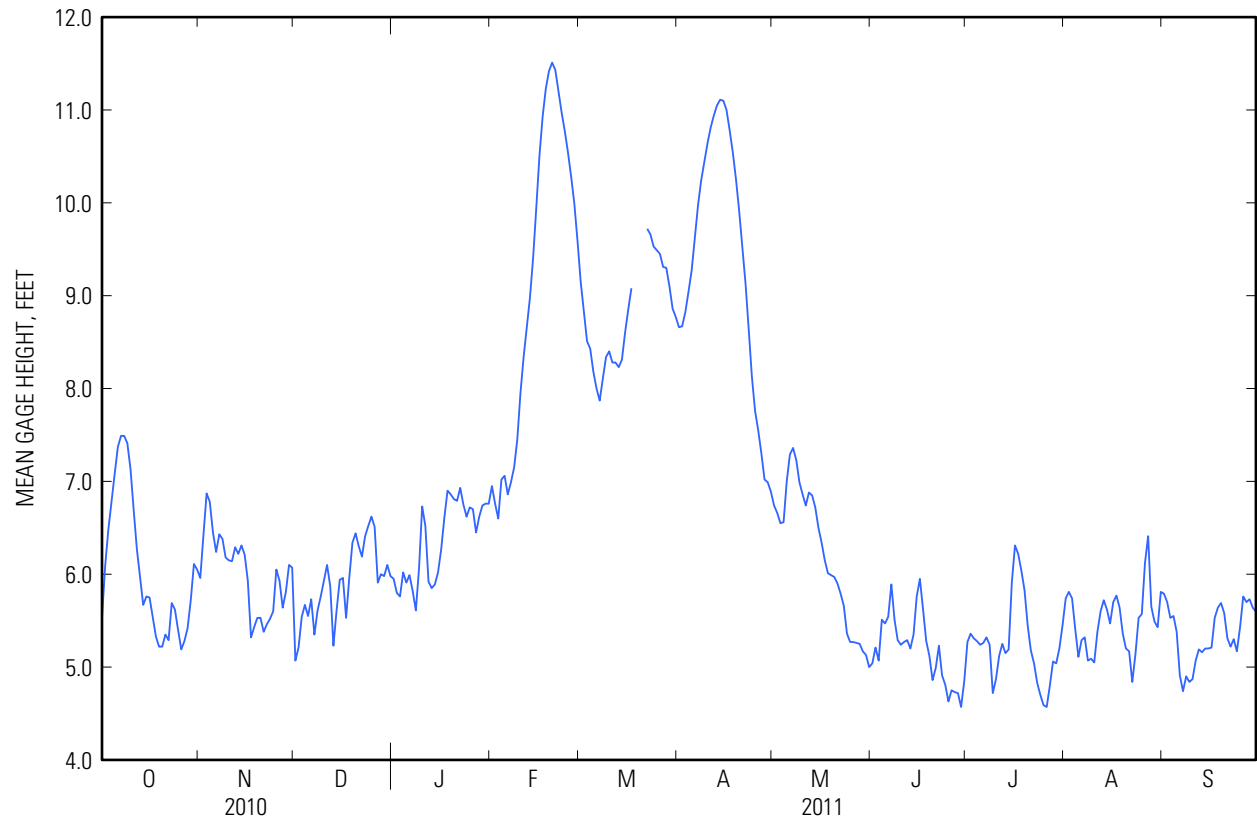


02226160 ALTAMAHA RIVER NEAR EVERETT CITY, GA.—Continued

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	5.53	5.96	5.07	5.95	6.95	9.15	8.66	6.74	5.04	5.27	5.74	5.79
2	6.09	6.42	5.21	5.80	6.76	8.83	8.67	6.66	5.21	5.36	5.81	5.70
3	6.48	6.87	5.54	5.76	6.60	8.51	8.82	6.55	5.07	5.31	5.74	5.53
4	6.78	6.78	5.67	6.02	7.02	8.43	9.04	6.56	5.51	5.28	5.41	5.55
5	7.08	6.45	5.55	5.91	7.06	8.18	9.27	7.00	5.47	5.24	5.11	5.38
6	7.37	6.24	5.73	5.99	6.86	8.00	9.62	7.29	5.54	5.26	5.29	4.91
7	7.49	6.43	5.35	5.82	6.99	7.87	9.97	7.36	5.89	5.32	5.32	4.74
8	7.49	6.38	5.61	5.61	7.15	8.11	10.24	7.23	5.51	5.24	5.07	4.90
9	7.41	6.18	5.76	6.06	7.45	8.34	10.44	6.99	5.29	4.72	5.09	4.84
10	7.13	6.15	5.93	6.73	7.95	8.40	10.64	6.86	5.24	4.87	5.05	4.87
11	6.69	6.14	6.10	6.52	8.34	8.28	10.81	6.74	5.27	5.12	5.38	5.07
12	6.27	6.29	5.87	5.92	8.66	8.28	10.94	6.88	5.29	5.25	5.60	5.19
13	5.97	6.22	5.23	5.85	8.98	8.23	11.05	6.85	5.20	5.15	5.72	5.16
14	5.67	6.31	5.61	5.89	9.41	8.31	11.11	6.72	5.35	5.19	5.62	5.20
15	5.76	6.21	5.94	6.02	9.95	8.60	11.10	6.50	5.76	5.91	5.47	5.20
16	5.75	5.93	5.96	6.27	10.51	8.85	11.00	6.34	5.95	6.31	5.70	5.21
17	5.54	5.32	5.53	6.61	10.93	9.08	10.78	6.15	5.62	6.22	5.77	5.53
18	5.33	5.43	5.96	6.90	11.23	---	10.54	6.01	5.28	6.04	5.64	5.64
19	5.22	5.53	6.34	6.86	11.42	---	10.25	5.99	5.12	5.83	5.36	5.69
20	5.22	5.53	6.44	6.81	11.51	---	9.91	5.97	4.86	5.45	5.20	5.58
21	5.35	5.38	6.30	6.79	11.43	---	9.52	5.90	4.99	5.18	5.17	5.31
22	5.29	5.46	6.19	6.93	11.20	9.72	9.13	5.79	5.23	5.04	4.84	5.22
23	5.69	5.52	6.41	6.75	10.97	9.66	8.64	5.66	4.91	4.83	5.14	5.30
24	5.62	5.60	6.52	6.62	10.77	9.53	8.13	5.36	4.81	4.70	5.53	5.17
25	5.40	6.05	6.62	6.72	10.54	9.49	7.76	5.27	4.63	4.59	5.57	5.43
26	5.19	5.93	6.51	6.70	10.28	9.45	7.55	5.27	4.75	4.57	6.12	5.76
27	5.28	5.64	5.91	6.45	9.99	9.31	7.30	5.26	4.73	4.80	6.41	5.70
28	5.42	5.81	6.00	6.62	9.59	9.30	7.02	5.25	4.72	5.06	5.65	5.73
29	5.72	6.10	5.98	6.74	---	9.10	6.99	5.17	4.57	5.04	5.49	5.64
30	6.11	6.07	6.10	6.76	---	8.86	6.89	5.13	4.85	5.20	5.43	5.60
31	6.05	---	5.98	6.76	---	8.77	---	5.00	---	5.45	5.81	---
Mean	6.04	6.01	5.90	6.36	9.16	---	9.39	6.21	5.19	5.25	5.49	5.35
Max	7.49	6.87	6.62	6.93	11.51	---	11.11	7.36	5.95	6.31	6.41	5.79
Min	5.19	5.32	5.07	5.61	6.60	---	6.89	5.00	4.57	4.57	4.84	4.74

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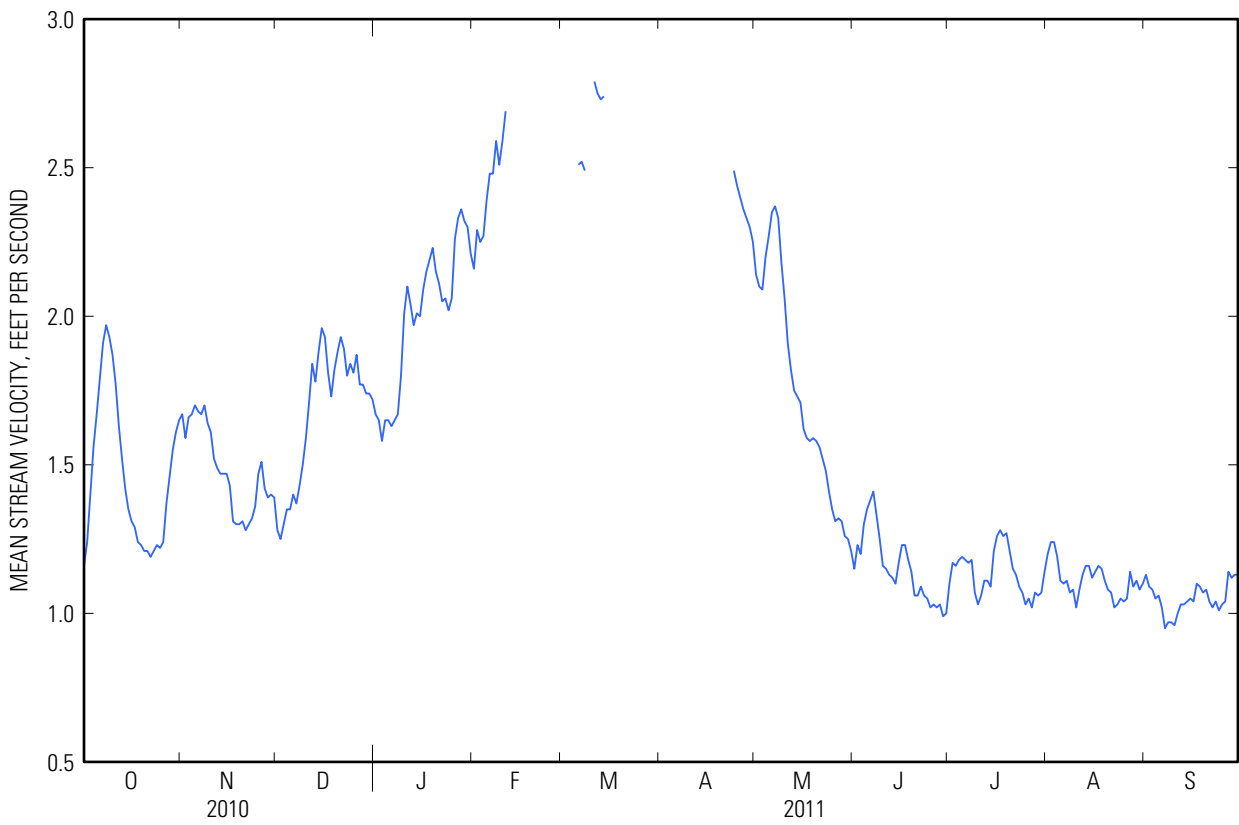


02226160 ALTAMAHA RIVER NEAR EVERETT CITY, GA.—Continued

STREAM VELOCITY, 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	1.16	1.67	1.28	1.67	2.16	---	---	2.14	1.15	1.10	1.20	1.13
2	1.24	1.59	1.25	1.65	2.29	---	---	2.10	1.23	1.17	1.24	1.09
3	1.40	1.66	1.30	1.58	2.25	---	---	2.09	1.20	1.16	1.24	1.08
4	1.56	1.67	1.35	1.65	2.27	---	---	2.20	1.30	1.18	1.19	1.05
5	1.67	1.70	1.35	1.65	2.39	---	---	2.27	1.35	1.19	1.11	1.06
6	1.79	1.68	1.40	1.63	2.48	2.51	---	2.35	1.38	1.18	1.10	1.02
7	1.91	1.67	1.37	1.65	2.48	2.52	---	2.37	1.41	1.17	1.11	0.95
8	1.97	1.70	1.43	1.67	2.59	2.49	---	2.33	1.33	1.18	1.07	0.97
9	1.93	1.64	1.50	1.80	2.51	---	---	2.18	1.25	1.07	1.08	0.97
10	1.87	1.61	1.59	2.01	2.59	---	---	2.06	1.16	1.03	1.02	0.96
11	1.77	1.52	1.71	2.10	2.69	2.79	---	1.91	1.15	1.06	1.08	1.00
12	1.63	1.49	1.84	2.04	---	2.75	---	1.82	1.13	1.11	1.13	1.03
13	1.52	1.47	1.78	1.97	---	2.73	---	1.75	1.12	1.11	1.16	1.03
14	1.42	1.47	1.88	2.01	---	2.74	---	1.73	1.10	1.09	1.16	1.04
15	1.35	1.47	1.96	2.00	---	---	---	1.71	1.17	1.21	1.12	1.05
16	1.31	1.43	1.93	2.09	---	---	---	1.62	1.23	1.26	1.14	1.04
17	1.29	1.31	1.81	2.15	---	---	---	1.59	1.23	1.28	1.16	1.10
18	1.24	1.30	1.73	2.19	---	---	---	1.58	1.18	1.26	1.15	1.09
19	1.23	1.30	1.82	2.23	---	---	---	1.59	1.14	1.27	1.11	1.07
20	1.21	1.31	1.88	2.15	---	---	---	1.58	1.06	1.21	1.08	1.08
21	1.21	1.28	1.93	2.11	---	---	---	1.56	1.06	1.15	1.07	1.04
22	1.19	1.30	1.89	2.05	---	---	---	1.52	1.09	1.13	1.02	1.02
23	1.21	1.32	1.80	2.06	---	---	---	1.48	1.06	1.09	1.03	1.04
24	1.23	1.36	1.84	2.02	---	---	2.49	1.41	1.05	1.07	1.05	1.01
25	1.22	1.47	1.81	2.06	---	---	2.44	1.35	1.02	1.03	1.04	1.03
26	1.24	1.51	1.87	2.26	---	---	2.40	1.31	1.03	1.05	1.05	1.04
27	1.37	1.42	1.77	2.33	---	---	2.36	1.32	1.02	1.02	1.14	1.14
28	1.46	1.39	1.77	2.36	---	---	2.33	1.31	1.03	1.07	1.09	1.12
29	1.55	1.40	1.74	2.32	---	---	2.30	1.26	0.99	1.06	1.11	1.13
30	1.61	1.39	1.74	2.30	---	---	2.25	1.25	1.00	1.07	1.08	1.13
31	1.65	---	1.72	2.21	---	---	---	1.21	---	1.14	1.10	---
Mean	1.46	1.48	1.68	2.00	---	---	---	1.74	1.15	1.13	1.11	1.05
Max	1.97	1.70	1.96	2.36	---	---	---	2.37	1.41	1.28	1.24	1.14
Min	1.16	1.28	1.25	1.58	---	---	---	1.21	0.99	1.02	1.02	0.95

02226160 ALTAMAHA RIVER NEAR EVERETT CITY, GA.—Continued



02226160 ALTAMAHA RIVER NEAR EVERETT CITY, GA.—Continued**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--December 21, 1970 to current year.

REMARKS.--Laboratory chemical analyses are by the U.S. Geological Survey, National Water Quality Laboratory. Field determinations of stream discharge, specific conductance, pH, water temperature, dissolved oxygen, and alkalinity are by the U.S. Geological Survey. The stream is sampled by boat approximately ¼ mile upstream of railroad trestle at all stages.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 1 of 15

[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; cm, centimeter; ft, feet; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; mm, millimeters; 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	Barometric pressure, mm Hg (00025)	Absorbance, UV, 254 nm, 1 cm path length, water, filtered, units per centimeter		Discharge, instantaneous, ft ³ /s (00061)	Dissolved oxygen, water, unfiltered, mg/L (00300)	Dissolved oxygen, water, unfiltered, % saturation (00301)	pH, water, unfiltered, field, standard units (00400)	Specific conductance, water, unfiltered, µS/cm at 25 °C (00095)
			Absorbance, UV, 254 nm, 1 cm path length, water, filtered, units per centimeter (50624)	Absorbance, UV, organic constituents, 280 nm, 1 cm path length, water, filtered, units per centimeter (61726)					
10-27-2010	0900	764	.251	.211	4,210	7.2	83	7.3	312
12-07-2010	1630	762	.172	.133	5,910	9.9	89	7.4	260
01-04-2011	1430	764	.150	.115	8,140	10.8	94	7.5	203
02-10-2011	1100	760	.231	.178	11,900	9.8	86	7.0	129
02-23-2011	0900	766	.288	.222	23,500	7.2	72	6.6	97
03-08-2011	1700	768	.269	.207	11,300	7.9	80	7.1	133
03-22-2011	1800	761	--	--	E 14,900	6.5	71	6.5	114
04-06-2011	0900	766	.311	.236	15,100	6.6	69	6.9	81
04-19-2011	1500	764	.361	.279	18,900	6.0	67	6.9	112
05-10-2011	0930	760	.194	.151	9,300	6.8	82	7.1	152
06-22-2011	0830	762	.284	.222	5,030	5.3	71	7.5	361
08-09-2011	1430	761	.270	.210	2,810	6.9	96	7.9	397

02226160 ALTAMAHA RIVER NEAR EVERETT CITY, GA.—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 2 of 15

[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; cm, centimeter; ft, feet; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; mm, millimeters; 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	Temperature, water, °C (00010)	Turbidity, water, unfiltered, broad band light source (400-680 nm), detectors at multiple angles including 90 +/- 30 degrees, ratiometric correction, NTRU (63676)	Gage height, ft (00065)	Dissolved solids dried at 180 °C, water, filtered, mg/L (70300)	Calcium, water, filtered, mg/L (00915)	Magnesium, water, filtered, mg/L (00925)	Potassium, water, filtered, mg/L (00935)	Sodium, water, filtered, mg/L (00930)
10-27-2010	0900	23.1	E 16	5.67	206	17.4	2.77	3.24	42.3
12-07-2010	1630	10.8	10	5.48	165	12.8	2.35	3.00	38.2
01-04-2011	1430	9.2	E 12	6.46	114	10.8	2.24	2.68	26.2
02-10-2011	1100	9.8	27	7.77	102	6.61	1.71	2.25	13.9
02-23-2011	0900	15.4	16	10.98	61	5.78	1.58	2.25	10.0
03-08-2011	1700	16.3	E 16	8.15	100	8.22	1.97	2.33	15.4
03-22-2011	1800	20.0	E 13	9.71	83	6.79	1.79	2.17	11.6
04-06-2011	0900	17.6	E 16	9.51	73	6.47	1.72	2.12	6.62
04-19-2011	1500	21.0	E 13	10.26	87	7.45	1.94	2.33	11.5
05-10-2011	0930	24.4	32	6.89	102	8.16	2.12	2.48	17.7
06-22-2011	0830	31.4	E 13	5.07	243	13.6	3.18	3.37	54.1
08-09-2011	1430	33.0	E 19	3.97	253	14.1	3.16	3.48	58.8

02226160 ALTAMAHA RIVER NEAR EVERETT CITY, GA.—Continued

WATER-QUALITY DATA
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[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; cm, centimeter; ft, feet; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; mm, millimeters; 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	Alkalinity, water, filtered, fixed endpoint (pH 4.5) titration, laboratory, mg/L as CaCO ₃ (29801)	Alkalinity, water, filtered, inflection- point, incremental titration method, field, mg/L as CaCO ₃ (39086)	Carbon (inorganic plus organic), suspended sediment, total, mg/L (00694)	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Inorganic carbon, suspended sediment, total, mg/L (00688)	Silica, water, filtered, mg/L as SiO ₂ (00955)	Sulfate, water, filtered, mg/L (00945)	Ammonia plus organic nitrogen, water, filtered, mg/L as N (00623)
10-27-2010	0900	68	56.4	.68	18.9	.15	< .03	11.5	51.6	.20
12-07-2010	1630	56	53.9	.64	16.7	.13	< .03	10.0	42.9	.22
01-04-2011	1430	44	39.6	.60	13.8	.11	< .03	11.5	29.9	.29
02-10-2011	1100	24	20.2	1.27	10.0	.12	< .03	9.62	21.2	.30
02-23-2011	0900	17	13.9	.40	7.88	.06	< .03	11.8	15.6	.31
03-08-2011	1700	30	26.5	.64	10.2	.07	< .03	9.61	19.1	.30
03-22-2011	1800	27	24.5	.47	8.46	.07	.04	8.62	14.2	.39
04-06-2011	0900	22	18.1	.50	6.17	.06	< .03	9.34	7.31	.40
04-19-2011	1500	30	26.0	.62	7.17	.11	< .03	10.3	11.9	.40
05-10-2011	0930	37	34.4	.94	10.5	.11	< .03	12.5	19.3	.27
06-22-2011	0830	76	71.6	1.35	25.6	.16	< .03	12.9	55.6	.32
08-09-2011	1430	75	64.0	2.13	25.2	.15	< .03	12.2	66.6	.32

02226160 ALTAMAHA RIVER NEAR EVERETT CITY, GA.—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; cm, centimeter; ft, feet; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; mm, millimeters; 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	Ammonia plus organic nitrogen, water, unfiltered, mg/L as N (00625)	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)	Orthophosphate, water, filtered, mg/L as P (00671)	Particulate nitrogen, suspended in water, mg/L (49570)	Phosphorus, water, filtered, mg/L as P (00666)	Phosphorus, water, unfiltered, mg/L as P (00665)
10-27-2010	0900	.36	.041	.618	.006	.060	.10	.063	.104
12-07-2010	1630	.35	.036	.443	.002	.052	.07	.060	.097
01-04-2011	1430	.40	.028	.449	.003	.040	.08	.049	.088
02-10-2011	1100	.41	.012	.264	.002	.020	.13	.031	.091
02-23-2011	0900	.43	< .010	.029	.002	.012	.06	.025	.048
03-08-2011	1700	.42	.018	.214	.002	.017	.05	.032	.065
03-22-2011	1800	.35	.010	.076	.002	.012	.06	.036	.060
04-06-2011	0900	.50	.018	.176	.003	.017	.06	.028	.074
04-19-2011	1500	.42	.030	.163	.005	.028	.08	.043	.076
05-10-2011	0930	.35	.024	.448	.005	.036	.11	.042	.103
06-22-2011	0830	.55	.049	.092	.004	.044	.21	.059	.116
08-09-2011	1430	.53	< .010	.182	.007	.036	.30	.054	.153

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[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; cm, centimeter; ft, feet; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; mm, millimeters; 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	Total nitrogen, water, filtered, analytically determined, mg/L (62854)	Total nitrogen, water, unfiltered, analytically determined, mg/L (62855)	Iron, water, filtered, µg/L (01046)	Lithium, water, filtered, µg/L (01130)	Strontium, water, filtered, µg/L (01080)	Vanadium, water, filtered, µg/L (01085)	Arsenic, water, filtered, µg/L (01000)	Boron, water, filtered, µg/L (01020)
10-27-2010	0900	.83	.97	40	1.2	77.1	1.0	.25	34
12-07-2010	1630	.64	.79	111	1.4	58.8	.88	.26	31
01-04-2011	1430	.66	.81	181	1.2	51.3	.95	.28	23
02-10-2011	1100	.51	.64	235	1.0	35.7	1.0	.25	16
02-23-2011	0900	.36	.49	510	.8	27.6	1.6	.25	16
03-08-2011	1700	.49	.60	392	.9	39.7	1.3	.34	18
03-22-2011	1800	.38	.47	356	.7	37.7	1.1	.34	15
04-06-2011	0900	.53	.63	448	.7	32.9	1.1	.37	18
04-19-2011	1500	.53	.62	732	.6	39.7	1.5	.45	16
05-10-2011	0930	.67	.82	365	.7	45.9	1.3	.28	16
06-22-2011	0830	.36	.61	97	.9	79.7	2.0	.41	34
08-09-2011	1430	.41	.76	62	1.1	88.3	2.5	.45	35

02226160 ALTAMAHA RIVER NEAR EVERETT CITY, GA.—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; cm, centimeter; ft, feet; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; mm, millimeters; 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	Selenium, water, filtered, µg/L (01145)	1-Naphthol, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49295)	2,6-Diethyl-aniline, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82660)	2-Chloro-2',6'-diethyl-acetanilide, water, filtered, recoverable, µg/L (61618)	2-Chloro-4-isopropyl-amino-6-triazine, water, filtered, recoverable, µg/L (04040)	2-Ethyl-6-methyl-aniline, water, filtered, recoverable, µg/L (61620)	3,4-Dichloro-aniline, water, filtered, recoverable, µg/L (61625)	3,5-Di-chloro-aniline, water, filtered, recoverable, µg/L (61627)	4-Chloro-2-methyl-phenol, water, filtered, recoverable, µg/L (61633)
10-27-2010	0900	.15	< .036	< .021	< .010	< .006	< .010	< .004	< .004	< .005
12-07-2010	1630	.16	< .036	< .006	< .010	< .006	< .010	< .004	< .004	< .005
01-04-2011	1430	.18	< .036	< .006	< .010	< .006	< .010	< .004	< .004	< .005
02-10-2011	1100	.15	< .036	.004	< .010	E .009	< .010	< .004	< .004	< .005
02-23-2011	0900	.13	< .036	< .006	< .010	E .009	< .010	< .004	< .004	< .005
03-08-2011	1700	.15	E .008	< .006	< .010	E .008	< .010	< .004	< .004	< .005
03-22-2011	1800	.16	< .036	< .006	< .010	E .010	< .010	< .004	< .004	< .005
04-06-2011	0900	.15	< .036	< .006	< .010	E .009	< .010	< .004	< .004	< .005
04-19-2011	1500	.14	< .036	< .006	< .010	E .007	< .010	< .004	< .004	< .005
05-10-2011	0930	.15	< .036	< .006	< .010	E .011	< .010	E .004	< .004	< .005
06-22-2011	0830	.20	< .036	< .006	< .010	< .017	< .010	< .004	< .007	< .005
08-09-2011	1430	.18	< .036	< .031	< .010	E .013	< .010	< .004	< .005	< .005

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WATER-QUALITY DATA
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[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; cm, centimeter; ft, feet; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; mm, millimeters; 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	Aceto- chlor, water, filtered, recover- able, µg/L (49260)	Alachlor, water, filtered, recover- able, µg/L (46342)	alpha- Endo- sulfan, water, filtered, recover- able, µg/L (34362)	Atrazine, water, filtered, recover- able, µg/L (39632)	Azinphos- methyl oxygen analog, water, filtered, recover- able, µg/L (61635)	Azinphos- methyl, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82686)	Benfluralin, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82673)	Carbaryl, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82680)
10-27-2010	0900	< .010	< .008	< .006	.020	< .04	< .120	< .014	< .060
12-07-2010	1630	< .010	< .008	< .006	.020	< .04	< .120	< .014	< .060
01-04-2011	1430	< .010	< .008	< .006	.019	< .04	< .120	< .014	< .060
02-10-2011	1100	< .010	< .008	< .006	.024	< .04	< .120	< .014	< .060
02-23-2011	0900	< .010	< .008	< .006	.025	< .04	< .120	< .014	< .060
03-08-2011	1700	< .010	< .008	< .006	.018	< .04	< .120	< .014	< .060
03-22-2011	1800	< .010	< .008	< .006	.025	< .04	< .120	< .014	< .060
04-06-2011	0900	< .010	< .008	< .006	.024	< .04	< .120	< .014	< .060
04-19-2011	1500	< .010	< .008	< .006	.023	< .04	< .120	< .014	< .060
05-10-2011	0930	< .010	< .008	< .006	.034	< .04	< .120	< .014	< .060
06-22-2011	0830	< .010	< .008	< .006	.025	< .04	< .120	< .014	< .060
08-09-2011	1430	< .010	< .008	< .006	.019	E .05	< .120	< .014	< .060

02226160 ALTAMAHA RIVER NEAR EVERETT CITY, GA.—Continued

WATER-QUALITY DATA
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[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; cm, centimeter; ft, feet; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; mm, millimeters; 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	Carbofuran, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82674)	Chlorpyrifos oxygen analog, water, filtered, recoverable, µg/L (61636)	Chlorpyrifos, water, filtered, recoverable, µg/L (38933)	cis-Permethrin, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82687)	cis-Propiconazole, water, filtered, recoverable, µg/L (79846)	Cyanazine, water, filtered, recoverable, µg/L (04041)	Cyfluthrin, water, filtered, recoverable, µg/L (61585)	Cypermethrin, water, filtered, recoverable, µg/L (61586)
10-27-2010	0900	< .060	< .06	< .004	< .010	E .009	< .022	< .016	< .020
12-07-2010	1630	< .060	< .06	< .004	< .010	E .014	< .022	< .016	< .020
01-04-2011	1430	< .060	< .06	< .004	< .010	E .025	< .022	< .016	< .020
02-10-2011	1100	< .060	< .06	< .004	< .010	E .010	< .022	< .016	< .020
02-23-2011	0900	< .060	< .06	< .004	< .010	< .008	< .022	< .016	< .020
03-08-2011	1700	< .060	< .06	< .004	< .010	< .016	< .022	< .016	< .020
03-22-2011	1800	< .060	< .06	< .004	< .010	< .008	< .022	< .016	< .020
04-06-2011	0900	< .060	< .06	< .004	< .010	< .008	< .022	< .016	< .020
04-19-2011	1500	< .060	< .06	< .004	< .010	< .008	< .022	< .016	< .020
05-10-2011	0930	< .060	< .06	< .004	< .010	< .008	< .022	< .016	< .020
06-22-2011	0830	< .060	< .06	< .004	< .010	E .015	< .022	< .016	< .020
08-09-2011	1430	< .060	< .06	< .004	< .010	E .009	< .022	< .016	< .056

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; cm, centimeter; ft, feet; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; mm, millimeters; 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	DCPA, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82682)	Desulfinyl-fipronil amide, water, filtered, recoverable, μg/L (62169)	Desulfinyl-fipronil, water, filtered, recoverable, μg/L (62170)	Diazinon, water, filtered, recoverable, μg/L (39572)	Dichlorvos, water, filtered, recoverable, μg/L (38775)	Dicrotophos, water, filtered, recoverable, μg/L (38454)	Dieldrin, water, filtered, recoverable, μg/L (39381)	Dimethoate, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82662)	Disulfoton sulfone, water, filtered, recoverable, μg/L (61640)
10-27-2010	0900	< .008	< .029	< .012	< .006	< .04	< .08	< .008	< .006	< .01
12-07-2010	1630	< .008	< .029	.005	< .006	< .04	< .08	< .008	< .006	< .01
01-04-2011	1430	< .008	< .029	.004	< .006	< .04	< .08	< .008	< .006	< .01
02-10-2011	1100	< .008	< .029	< .012	< .006	< .04	< .08	< .008	< .006	< .01
02-23-2011	0900	< .008	< .029	< .012	< .006	< .04	< .08	< .008	< .006	< .01
03-08-2011	1700	< .008	< .029	.007	< .006	< .04	< .08	< .008	< .006	< .01
03-22-2011	1800	< .008	< .029	.003	< .006	< .04	< .08	< .008	< .006	< .01
04-06-2011	0900	< .008	< .029	< .012	< .006	< .04	< .08	< .008	< .006	< .01
04-19-2011	1500	< .008	< .029	.001	< .006	< .04	< .08	< .008	< .006	< .01
05-10-2011	0930	< .008	< .029	< .012	< .006	< .04	< .08	< .008	< .006	< .01
06-22-2011	0830	< .008	< .029	.009	< .006	< .04	< .08	< .008	< .006	< .01
08-09-2011	1430	< .008	< .029	.006	< .006	< .04	< .08	< .008	< .006	< .01

02226160 ALTAMAHA RIVER NEAR EVERETT CITY, GA.—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; cm, centimeter; ft, feet; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; mm, millimeters; 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	Disulfoton, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82677)	Endosulfan sulfate, water, filtered, recoverable, µg/L (61590)	EPTC, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82668)	Ethion monoxon, water, filtered, recoverable, µg/L (61644)	Ethion, water, filtered, recoverable, µg/L (82346)	Ethoprop, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82672)	Fenami-phos sulfone, water, filtered, recoverable, µg/L (61645)	Fenami-phos sulfoxide, water, filtered, recoverable, µg/L (61646)	Fenami-phos, water, filtered, recoverable, µg/L (61591)
10-27-2010	0900	< .04	< .016	< .006	< .02	< .008	< .016	< .054	< .08	< .03
12-07-2010	1630	< .04	< .016	< .006	< .02	< .008	< .031	< .054	< .08	< .03
01-04-2011	1430	< .04	< .016	< .006	< .02	< .008	< .016	< .054	< .08	< .03
02-10-2011	1100	< .04	< .016	< .006	< .02	< .008	< .016	< .054	< .08	< .03
02-23-2011	0900	< .04	< .016	< .006	< .02	< .008	< .016	< .054	< .08	< .03
03-08-2011	1700	< .04	< .016	< .006	< .02	< .008	< .016	< .054	< .08	< .03
03-22-2011	1800	< .04	< .016	< .006	< .02	< .008	< .016	< .054	< .08	< .03
04-06-2011	0900	< .04	< .016	< .006	< .02	< .008	< .016	< .054	< .08	< .03
04-19-2011	1500	< .04	< .016	< .006	< .02	< .008	< .016	< .054	< .08	< .03
05-10-2011	0930	< .04	< .016	< .006	< .02	< .008	< .016	< .054	< .08	< .03
06-22-2011	0830	< .04	< .016	< .006	< .02	< .008	< .016	< .054	< .08	< .03
08-09-2011	1430	< .04	< .016	< .006	< .02	< .008	< .020	< .054	< .08	< .03

02226160 ALTAMAHA RIVER NEAR EVERETT CITY, GA.—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

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[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; cm, centimeter; ft, feet; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; mm, millimeters; 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	Fipronil sulfide, water, filtered, recover- able, µg/L (62167)	Fipronil sulfone, water, filtered, recover- able, µg/L (62168)	Fipronil, water, filtered, recover- able, µg/L (62166)	Fonofos, water, filtered, recover- able, µg/L (04095)	Hexa- zinone, water, filtered, recover- able, µg/L (04025)	Iprodione, water, filtered, recover- able, µg/L (61593)	Isofen- phos, water, filtered, recover- able, µg/L (61594)	lambda- Cyhalo- thrin, water, filtered, recover- able, µg/L (61595)	Malaoxon, water, filtered, recover- able, µg/L (61652)
10-27-2010	0900	< .012	< .024	< .018	< .005	.010	< .014	< .006	< .010	< .022
12-07-2010	1630	< .012	< .024	< .018	< .005	< .008	< .014	< .006	< .010	< .022
01-04-2011	1430	< .012	< .024	< .018	< .005	.010	< .014	< .006	< .010	< .022
02-10-2011	1100	< .012	< .024	< .018	< .005	.011	< .014	< .006	< .010	< .022
02-23-2011	0900	< .012	< .024	< .018	< .005	< .012	< .014	< .006	< .010	< .022
03-08-2011	1700	.006	< .024	E .004	< .005	.010	< .014	< .006	< .010	< .022
03-22-2011	1800	< .012	< .024	< .018	< .005	< .008	< .014	< .006	< .010	< .022
04-06-2011	0900	< .012	< .024	< .018	< .005	< .011	< .014	< .006	< .010	< .022
04-19-2011	1500	< .012	< .024	< .018	< .005	< .008	< .014	< .006	< .010	< .022
05-10-2011	0930	< .012	< .024	< .018	< .005	< .008	< .014	< .006	< .010	< .022
06-22-2011	0830	< .012	< .024	< .018	< .005	< .008	< .014	< .006	< .010	< .022
08-09-2011	1430	< .012	< .024	< .018	< .005	< .008	< .014	< .006	< .010	< .022

02226160 ALTAMAHA RIVER NEAR EVERETT CITY, GA.—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 12 of 15

[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; cm, centimeter; ft, feet; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; mm, millimeters; 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	Malathion, water, filtered, recover- able, µg/L (39532)	Metalaxyl, water, filtered, recover- able, µg/L (61596)	Methida- thion, water, filtered, recover- able, µg/L (61598)	Methyl paraoxon, water, filtered, recover- able, µg/L (61664)	Methyl parathion, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82667)	Metola- chlor, water, filtered, recover- able, µg/L (39415)	Metri- buzin, water, filtered, recover- able, µg/L (82630)	Molinate, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82671)	Myclo- butanil, water, filtered, recover- able, µg/L (61599)
10-27-2010	0900	< .016	< .008	< .012	< .01	< .008	< .020	< .012	< .004	< .010
12-07-2010	1630	< .016	< .014	< .012	< .01	< .008	< .020	< .012	< .004	< .010
01-04-2011	1430	< .016	< .014	< .012	< .01	< .008	< .020	< .012	< .004	< .010
02-10-2011	1100	< .016	< .014	< .012	< .01	< .008	.008	< .012	< .004	< .010
02-23-2011	0900	< .016	< .014	< .012	< .01	< .008	.009	< .012	< .004	< .010
03-08-2011	1700	< .016	< .014	< .012	< .01	< .008	.008	< .012	< .004	< .010
03-22-2011	1800	< .016	< .014	< .012	< .01	< .008	.008	< .012	< .004	< .010
04-06-2011	0900	< .016	< .014	< .012	< .01	< .008	.009	< .012	< .004	< .010
04-19-2011	1500	< .016	< .014	< .012	< .01	< .008	.007	< .012	< .004	< .010
05-10-2011	0930	< .016	< .014	< .012	< .01	< .008	.008	< .012	< .004	< .010
06-22-2011	0830	< .016	< .014	< .012	< .01	< .008	.013	< .012	< .004	< .010
08-09-2011	1430	< .016	< .014	< .012	< .01	< .008	.008	< .012	< .004	< .010

02226160 ALTAMAHA RIVER NEAR EVERETT CITY, GA.—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 13 of 15

[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; cm, centimeter; ft, feet; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; mm, millimeters; 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	Oxy-fluorfen, water, filtered, recoverable, µg/L (61600)	Pendi-methalin, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82683)	Phorate oxygen analog, water, filtered, recoverable, µg/L (61666)	Phorate, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82664)	Phosmet oxygen analog, water, filtered, recoverable, µg/L (61668)	Phosmet, water, filtered, recoverable, µg/L (61601)	Prometon, water, filtered, recoverable, µg/L (04037)	Prometryn, water, filtered, recoverable, µg/L (04036)	Propanil, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82679)
10-27-2010	0900	< .006	< .012	< .03	< .020	< .05	< .140	.013	< .006	< .010
12-07-2010	1630	< .006	< .012	< .03	< .020	< .05	< .140	.014	< .006	< .010
01-04-2011	1430	< .006	< .012	< .03	< .020	--	< .140	.009	< .006	< .010
02-10-2011	1100	< .006	< .012	< .03	< .020	< .05	< .140	.007	< .006	< .010
02-23-2011	0900	< .006	< .012	< .03	< .020	< .05	< .140	.008	< .006	< .010
03-08-2011	1700	< .006	< .012	< .03	< .020	< .05	< .140	.007	< .006	< .010
03-22-2011	1800	< .006	< .012	< .03	< .020	< .05	< .140	.004	< .006	< .010
04-06-2011	0900	< .006	< .012	< .03	< .020	< .05	< .140	.008	< .006	< .010
04-19-2011	1500	< .006	< .012	< .03	< .020	< .05	< .140	.004	< .006	< .010
05-10-2011	0930	< .006	< .012	< .03	< .020	< .05	< .140	.008	< .006	< .010
06-22-2011	0830	< .006	< .012	< .03	< .020	< .05	< .140	.013	< .006	< .010
08-09-2011	1430	< .006	< .012	E .04	< .020	< .05	--	.012	< .006	< .010

02226160 ALTAMAHA RIVER NEAR EVERETT CITY, GA.—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 14 of 15

[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; cm, centimeter; ft, feet; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; mm, millimeters; 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	Propargite, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82685)	Propyz- amide, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82676)	Simazine, water, filtered, recover- able, µg/L (04035)	Tebu- thiuron, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82670)	Tefluthrin, water, filtered, recover- able, µg/L (61606)	Terbufos oxygen analog sulfone, water, filtered, recover- able, µg/L (61674)	Terbufos, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82675)	Terbuthyl- azine, water, filtered, recover- able, µg/L (04022)	Thioben- carb, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82681)
10-27-2010	0900	< .02	< .004	.039	< .03	< .010	< .04	< .02	< .01	< .016
12-07-2010	1630	< .02	< .004	.088	< .03	< .010	< .04	< .02	< .01	< .016
01-04-2011	1430	< .02	< .004	.185	< .03	< .010	< .04	< .02	< .01	< .016
02-10-2011	1100	< .02	< .004	.053	< .03	< .010	< .04	< .02	< .01	< .016
02-23-2011	0900	< .02	< .004	.101	< .03	< .010	< .04	< .02	< .01	< .016
03-08-2011	1700	< .02	< .004	.071	E .02	< .010	< .04	< .02	< .01	< .016
03-22-2011	1800	< .02	< .004	.083	E .01	< .010	< .04	< .02	< .01	< .016
04-06-2011	0900	< .02	< .004	.075	E .02	< .010	< .04	< .02	< .01	< .016
04-19-2011	1500	< .02	< .004	.085	E .03	< .010	< .04	< .02	< .01	< .016
05-10-2011	0930	< .02	< .004	.091	E .02	< .010	< .04	< .02	< .01	< .016
06-22-2011	0830	< .02	< .004	.062	< .04	< .010	< .04	< .02	< .01	< .016
08-09-2011	1430	< .02	< .004	.044	E .02	< .010	< .04	< .02	< .01	< .016

02226160 ALTAMAHA RIVER NEAR EVERETT CITY, GA.—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 15 of 15

[%, percent; CaCO₃, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO₂, silicon dioxide; cm, centimeter; ft, feet; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; mm, millimeters; 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	trans- Propicon- azole, water, filtered, recover- able, µg/L (79847)	Tribuphos, water, filtered, recover- able, µg/L (61610)	Trifluralin, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82661)	Organic carbon, suspended sediment, total, mg/L (00689)	Organic carbon, water, filtered, mg/L (00681)	Suspended sediment, sieve diameter, percent smaller than 0.0625 mm (70331)	Suspended sediment concen- tration, mg/L (80154)
10-27-2010	0900	E .01	< .018	< .018	.68	4.7	88	19
12-07-2010	1630	E .09	< .018	< .018	.64	4.8	53	17
01-04-2011	1430	E .10	< .018	< .018	.60	4.3	94	12
02-10-2011	1100	< .06	< .018	< .018	1.24	6.0	72	40
02-23-2011	0900	< .05	< .018	< .018	.40	6.7	90	9
03-08-2011	1700	< .04	< .018	< .018	.64	6.3	88	15
03-22-2011	1800	< .01	< .018	< .018	.43	7.1	83	9
04-06-2011	0900	< .03	< .018	< .018	.50	8.5	80	13
04-19-2011	1500	< .03	< .018	< .018	.62	7.9	78	13
05-10-2011	0930	< .02	< .018	< .018	.94	4.1	98	29
06-22-2011	0830	E .02	< .018	< .018	1.35	6.6	93	16
08-09-2011	1430	< .12	< .018	< .018	2.13	7.0	99	44

02226160 ALTAMAHA RIVER NEAR EVERETT CITY, GA.—Continued**CLIMATOLOGICAL RECORDS**

PERIOD OF RECORD.--March 2008 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	0.07	0.14	0.00	0.23	0.01	0.00	0.00	0.00	0.10	0.00
2	0.00	0.00	0.00	0.17	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.24	0.00	0.00	0.07	0.04	0.00	0.00	0.05	0.00	0.00	0.06
5	0.00	0.00	0.00	0.17	0.35	0.00	0.42	0.00	0.00	0.38	0.00	0.09
6	0.00	0.00	0.00	0.00	0.03	0.03	0.00	0.15	0.00	0.00	0.02	0.00
7	0.00	0.00	0.00	0.00	0.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	1.04	0.00	0.00	0.00	0.00	0.19	0.00
10	0.00	0.00	0.00	0.62	0.50	0.11	0.00	0.00	0.00	1.01	0.01	0.00
11	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
12	0.00	0.00	0.09	0.00	0.00	0.00	0.09	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	0.75	0.00	0.00	0.00
14	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.01	0.03	0.00	0.09
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.84	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.56	1.83	0.00	0.00
17	0.00	0.00	0.40	0.21	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00
18	0.00	0.00	0.15	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
19	0.00	0.00	0.00	0.06	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	0.89
21	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.00	0.00	0.00	0.00	0.43
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.00	1.04
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.66	0.02	0.00	0.00
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	0.00	0.00	0.36	1.58	0.13	0.00	0.00	0.01	0.02	0.00	0.00	0.21
26	0.00	0.81	0.31	0.01	0.00	0.00	0.17	0.00	0.00	0.98	0.00	0.75
27	0.00	0.00	0.00	0.00	0.00	0.15	0.07	0.05	0.00	0.63	0.00	0.01
28	0.88	0.00	0.00	0.00	0.00	0.73	0.06	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.01	1.15	0.00	0.44	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	---	1.58	0.02	0.00	0.02	0.00	0.00	0.00
31	0.00	---	0.00	0.01	---	0.03	---	0.00	---	0.06	0.00	---
Total	0.91	1.05	1.50	2.99	2.17	3.95	2.43	0.80	5.00	7.79	0.33	3.57

02226160 ALTAMAHA RIVER NEAR EVERETT CITY, GA.—Continued

