

**ALTAMAHA RIVER BASIN
2004 Water Year**

02207120 YELLOW RIVER AT GA 124, NEAR LITHONIA, GA

LOCATION.—Lat 33°46'22", long 84°03'30" referenced to North American Datum (NAD) of 1927, Gwinnett County, Hydrologic Unit 03070103, on GA 124 bridge, 5.0 miles south of the intersection of GA 124 and US 78.

DRAINAGE AREA.—162 square miles.

COOPERATION.—Gwinnett County Department of Public Utilities.

PERIOD OF RECORD.— August 16, 2001 to current year.

CONTINUOUS WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: August 16, 2001 to current year.

WATER TEMPERATURE: August 16, 2001 to current year.

TURBIDITY: August 16, 2001 to current year.

INSTRUMENTATION.—Satellite telemetry with a water-stage recorder and a continuous water-quality monitor.

REMARKS.—Records good, except turbidity, which are fair.

EXTREMES FOR PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: Maximum recorded, 364 microsiemens, September 10, 2002; minimum recorded, 35 microsiemens, June 17, 2003.

WATER TEMPERATURE: Maximum recorded, 33.2°C, August 15, 2001; minimum recorded, 2.4°C, January 25, 2003.

TURBIDITY: Maximum recorded, 998 NTU, August 9, 2003; minimum recorded, <5.0 NTU, on many days.

EXTREMES FOR CURRENT YEAR.—

SPECIFIC CONDUCTANCE: Maximum recorded, 257 microsiemens, August 31; minimum recorded, 37 microsiemens, September 17.

WATER TEMPERATURE: Maximum recorded, 28.3°C, July 24; minimum recorded, 3.8°C, January 29.

TURBIDITY: Maximum recorded, 966 NTU, September 16; minimum recorded, <5.0 NTU on many days.

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02207120 YELLOW RIVER AT GA 124, NEAR LITHONIA, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
 LATITUDE 334622 LONGITUDE 0840330 NAD27 DRAINAGE AREA 162.0 CONTRIBUTING DRAINAGE AREA DATUM 770.00 NGVD29

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	197	168	177	186	169	179	142	121	134	173	147	160
2	197	179	183	203	172	187	147	131	141	172	160	167
3	185	171	180	207	189	197	157	137	147	172	153	162
4	196	184	190	207	181	192	157	141	149	170	153	161
5	210	188	195	203	108	185	157	125	135	165	123	150
6	208	193	200	152	71	97	145	127	138	141	94	109
7	207	178	189	116	84	99	167	142	155	131	102	117
8	---	---	---	137	116	130	181	157	168	151	126	142
9	---	---	---	166	137	154	170	162	166	157	145	151
10	155	121	136	184	148	167	166	78	138	157	130	138
11	172	151	161	177	164	170	96	72	84	154	134	145
12	191	169	179	185	168	176	117	96	108	165	146	155
13	192	179	184	185	174	181	135	117	130	164	147	158
14	189	173	181	191	177	184	135	82	111	170	155	162
15	197	180	186	195	183	190	112	88	99	180	160	168
16	199	187	194	202	181	190	125	112	120	180	167	173
17	202	187	195	202	182	191	136	124	132	183	164	176
18	206	195	199	186	143	166	131	113	122	183	153	169
19	206	193	198	143	52	77	145	130	140	153	132	138
20	223	192	205	75	53	65	146	141	144	162	132	148
21	222	199	207	106	75	89	158	144	151	173	147	163
22	209	191	201	119	105	111	168	147	158	185	154	169
23	222	207	215	132	119	127	165	150	160	188	168	180
24	228	212	219	140	126	134	152	94	126	187	169	180
25	229	215	221	140	125	133	119	97	112	---	---	---
26	222	93	186	145	126	137	137	119	130	---	---	---
27	131	65	78	155	134	147	154	129	142	---	---	---
28	112	80	97	137	80	105	162	146	155	---	---	---
29	142	111	129	103	85	93	170	151	161	---	---	---
30	160	135	148	121	103	115	166	155	161	---	---	---
31	179	153	167	---	---	---	162	147	153	146	134	142
MONTH	---	---	---	207	52	146	181	72	138	---	---	---

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02207120 YELLOW RIVER AT GA 124, NEAR LITHONIA, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
 LATITUDE 334622 LONGITUDE 0840330 NAD27 DRAINAGE AREA 162.0 CONTRIBUTING DRAINAGE AREA DATUM 770.00 NGVD29

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	156	137	147	140	125	133	145	120	135	201	177	189
2	156	115	144	143	127	136	159	130	144	177	60	100
3	125	65	84	147	135	142	163	145	157	104	77	89
4	103	80	92	148	136	143	172	152	164	128	104	118
5	122	103	114	156	136	147	170	155	164	152	124	141
6	127	65	104	155	139	149	169	153	161	169	146	156
7	85	61	71	149	112	119	173	157	165	184	162	171
8	102	85	95	135	116	129	174	160	168	192	175	183
9	120	101	114	148	124	138	175	166	171	203	182	190
10	127	117	121	162	139	151	175	162	170	202	186	193
11	134	123	127	163	142	151	178	165	172	199	187	193
12	130	59	93	165	146	157	175	149	166	204	182	195
13	89	65	75	174	158	164	149	84	113	202	117	161
14	97	89	93	178	153	166	115	88	100	143	118	131
15	91	78	85	167	151	158	148	115	130	168	140	154
16	85	67	76	164	147	152	155	132	149	194	167	179
17	106	85	96	160	137	150	169	143	160	---	---	---
18	117	106	112	157	136	147	181	159	172	---	---	---
19	132	117	124	168	145	159	186	165	176	206	186	195
20	137	123	132	172	154	163	192	166	177	208	179	200
21	136	125	132	180	159	169	193	174	185	186	160	165
22	143	130	137	175	159	168	194	176	187	190	65	162
23	149	130	142	169	152	161	194	180	185	131	91	103
24	145	133	140	170	154	164	194	178	186	140	107	124
25	144	126	139	173	154	163	203	180	190	168	140	152
26	132	114	126	178	157	169	202	179	188	184	164	174
27	116	102	111	184	165	177	187	133	159	201	180	188
28	120	112	117	186	167	176	170	136	154	222	201	209
29	136	117	129	182	165	174	189	164	176	229	212	220
30	---	---	---	180	138	161	198	178	189	230	215	224
31	---	---	---	138	111	117	---	---	---	228	144	201
MONTH	156	59	113	186	111	153	203	84	164	---	---	---

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02207120 YELLOW RIVER AT GA 124, NEAR LITHONIA, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
 LATITUDE 334622 LONGITUDE 0840330 NAD27 DRAINAGE AREA 162.0 CONTRIBUTING DRAINAGE AREA DATUM 770.00 NGVD29

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	173	114	129	144	102	121	193	151	170	222	133	202
2	154	119	133	121	51	69	211	179	193	199	135	152
3	178	154	165	93	65	79	216	189	208	152	134	142
4	203	178	188	115	93	106	214	140	167	170	144	155
5	220	203	209	109	78	87	214	157	196	203	170	180
6	229	213	220	130	87	114	231	113	160	212	196	205
7	236	202	221	145	119	135	168	112	140	214	46	102
8	221	190	210	173	136	157	202	155	176	---	---	---
9	190	143	152	178	135	156	219	185	198	---	---	---
10	203	142	169	193	161	177	231	207	220	---	---	---
11	205	172	187	197	167	180	242	219	229	---	---	---
12	223	183	203	206	176	192	243	50	128	---	---	---
13	233	108	201	208	183	198	78	50	63	---	---	---
14	124	80	99	214	196	207	103	78	93	---	---	---
15	128	93	115	215	99	163	146	97	126	---	---	---
16	143	74	112	157	104	131	165	126	147	186	44	139
17	137	90	115	179	147	163	173	143	160	52	37	43
18	149	111	130	203	117	163	190	157	173	67	46	58
19	173	140	154	158	120	138	212	178	197	82	67	76
20	178	136	155	191	144	163	227	203	217	92	82	88
21	188	165	174	210	180	194	235	214	225	126	90	111
22	187	115	161	243	204	219	244	217	233	147	116	135
23	143	93	120	243	208	230	235	200	217	158	130	147
24	134	98	110	247	217	235	243	209	228	171	140	155
25	145	101	124	253	204	243	246	217	232	180	152	169
26	155	78	88	238	85	149	256	130	202	194	162	178
27	116	80	103	124	90	113	179	126	152	192	63	156
28	106	64	73	142	80	97	210	177	191	85	49	56
29	91	72	83	140	91	120	227	195	210	84	58	70
30	120	91	109	156	108	131	250	212	232	103	84	93
31	---	---	---	162	121	142	257	191	220	---	---	---
MONTH	236	64	147	253	51	154	257	50	184	---	---	---

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02207120 YELLOW RIVER AT GA 124, NEAR LITHONIA, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
 LATITUDE 334622 LONGITUDE 0840330 NAD27 DRAINAGE AREA 162.0 CONTRIBUTING DRAINAGE AREA DATUM 770.00 NGVD29

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	18.3	16.1	17.0	17.2	14.8	15.8	9.2	7.3	8.2	8.4	6.6	7.5
2	17.5	15.8	16.5	17.5	15.1	16.1	9.4	7.9	8.7	9.2	7.5	8.3
3	17.0	15.1	15.9	17.5	15.1	16.2	8.5	8.1	8.3	11.3	9.1	10.2
4	17.8	14.9	16.2	17.9	16.3	17.1	8.2	0.4	7.7	12.8	11.2	11.9
5	18.5	15.7	17.0	20.0	17.6	18.5	7.7	7.3	7.5	13.8	12.6	13.2
6	18.7	17.3	18.0	20.6	19.7	20.2	8.3	7.2	7.6	13.0	8.8	11.2
7	19.3	18.1	18.6	20.6	19.5	20.1	8.1	6.5	7.3	8.8	5.6	7.0
8	---	18.6	---	19.5	17.7	18.5	8.1	6.2	7.1	5.6	4.6	5.1
9	19.6	---	---	17.7	15.5	16.8	8.4	6.7	7.5	6.2	5.3	5.7
10	19.7	19.1	19.3	15.5	13.9	14.7	10.7	8.4	9.7	6.3	5.5	6.0
11	19.3	18.8	19.0	14.8	13.0	13.8	10.3	7.9	9.1	6.2	4.7	5.4
12	20.4	18.5	19.3	16.1	13.5	14.6	8.1	7.1	7.6	6.5	4.4	5.4
13	20.4	18.4	19.3	15.4	13.1	14.6	7.6	7.0	7.4	7.8	5.7	6.7
14	20.4	18.9	19.7	13.1	11.5	12.2	7.5	7.2	7.2	8.7	6.8	7.7
15	18.9	16.9	18.0	12.7	10.7	11.6	7.5	6.4	6.9	9.7	8.6	8.9
16	17.5	15.3	16.3	13.6	11.0	12.2	8.4	6.6	7.4	9.0	7.5	8.2
17	15.8	14.4	15.2	15.4	13.2	14.4	8.9	8.1	8.5	7.9	7.1	7.6
18	16.6	14.3	15.3	16.9	15.2	16.1	8.1	6.8	7.4	9.5	7.8	8.7
19	16.8	14.3	15.4	17.7	16.9	17.4	7.7	6.7	7.2	9.2	7.4	8.6
20	17.3	14.6	15.8	17.1	14.4	15.7	6.7	5.4	6.2	7.4	5.9	6.6
21	17.9	15.0	16.4	14.8	13.8	14.2	6.0	4.5	5.2	6.5	5.0	5.7
22	18.2	16.0	17.0	14.3	12.8	13.6	6.3	4.2	5.3	6.8	5.0	5.8
23	17.7	15.3	16.5	14.3	12.6	13.5	7.7	5.3	6.4	6.8	5.2	5.9
24	17.3	15.0	16.1	14.0	12.5	13.6	9.5	7.6	8.8	7.5	4.9	6.1
25	17.3	15.2	16.2	12.5	10.5	11.6	8.5	6.5	7.6	8.4	7.1	7.8
26	17.5	16.3	16.7	11.0	9.4	10.3	7.0	5.6	6.2	7.3	5.5	6.0
27	17.5	16.7	17.3	11.9	10.5	11.1	7.0	5.3	6.1	6.3	5.5	5.8
28	16.7	15.0	15.7	12.8	11.7	12.4	7.3	5.5	6.4	5.8	4.8	5.3
29	15.6	14.1	14.8	11.7	8.7	10.3	8.7	6.5	7.4	5.5	3.8	4.6
30	15.8	13.7	14.7	8.8	7.5	8.1	9.6	8.3	8.9	6.8	4.8	5.7
31	16.5	14.2	15.2	---	---	---	8.8	7.5	8.1	7.0	5.6	6.2
MONTH	---	---	---	20.6	7.5	14.5	10.7	0.4	7.4	13.8	3.8	7.3

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02207120 YELLOW RIVER AT GA 124, NEAR LITHONIA, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
 LATITUDE 334622 LONGITUDE 0840330 NAD27 DRAINAGE AREA 162.0 CONTRIBUTING DRAINAGE AREA DATUM 770.00 NGVD29

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	7.1	5.6	6.3	11.9	8.8	10.2	15.2	13.1	14.1	19.6	18.1	18.7
2	6.4	5.7	6.1	14.1	11.5	12.8	15.0	12.3	13.6	19.2	18.6	18.9
3	5.7	4.5	5.2	15.8	13.8	14.8	16.4	12.6	14.4	18.7	16.8	18.0
4	7.0	5.3	6.1	16.5	14.8	15.6	16.7	13.6	14.8	17.4	15.0	16.2
5	6.7	6.2	6.4	16.7	15.5	16.0	16.6	13.0	14.5	18.2	15.1	16.6
6	7.1	6.5	6.8	17.7	16.2	16.7	17.1	13.3	14.9	20.3	16.6	18.2
7	7.1	6.0	6.7	17.2	15.2	16.1	17.2	14.0	15.4	21.6	18.0	19.5
8	6.4	5.2	5.8	15.4	12.9	14.1	17.7	15.3	16.3	22.5	18.9	20.5
9	6.7	5.5	6.0	12.9	11.4	12.1	18.9	15.6	16.9	22.7	20.1	21.2
10	7.2	6.0	6.6	12.6	10.3	11.4	18.2	15.4	16.6	22.8	20.2	21.4
11	8.2	7.2	7.6	12.7	9.8	11.2	17.4	15.9	16.6	22.7	20.7	21.6
12	8.1	7.1	7.7	13.5	10.6	11.9	17.2	16.1	16.6	22.4	20.6	21.3
13	8.4	7.2	7.7	13.8	11.2	12.3	16.1	13.7	14.9	21.3	20.6	21.1
14	9.1	8.4	8.8	14.5	11.8	13.0	14.0	12.8	13.3	21.9	20.5	21.2
15	9.3	8.9	9.1	15.4	13.7	14.5	15.5	11.8	13.6	22.8	20.4	21.5
16	8.9	7.6	8.2	16.9	15.0	15.7	16.9	13.4	15.1	22.6	20.8	21.6
17	8.0	7.3	7.6	16.5	14.3	15.2	18.4	14.9	16.5	---	20.7	---
18	8.8	6.8	7.7	14.5	13.1	13.9	19.8	16.1	17.8	22.7	---	---
19	9.4	7.0	8.2	16.6	12.9	14.6	20.6	17.2	18.7	22.7	21.0	21.8
20	9.4	7.9	8.7	16.9	14.2	15.4	20.9	18.1	19.3	23.1	20.8	21.9
21	11.5	9.3	10.3	17.5	14.6	16.1	20.2	18.3	19.1	24.6	21.6	23.0
22	11.5	9.5	10.4	14.9	12.3	13.6	21.0	17.5	19.1	23.7	21.8	22.8
23	10.3	9.4	9.8	13.7	10.5	11.9	21.3	18.2	19.6	24.1	21.9	22.9
24	10.3	9.6	9.9	14.1	10.5	12.1	21.8	18.4	19.9	24.2	21.7	22.9
25	10.2	9.4	10.0	15.8	11.8	13.6	22.1	19.1	20.5	25.1	22.7	23.7
26	9.4	6.6	7.8	17.8	13.9	15.5	20.6	18.5	19.8	25.8	22.9	24.1
27	6.6	6.0	6.3	18.7	15.3	16.7	18.8	17.2	18.0	25.9	23.0	24.2
28	8.6	6.0	7.2	19.5	16.1	17.7	18.7	15.7	17.1	25.3	23.0	24.1
29	9.7	7.2	8.3	19.4	17.3	18.1	19.1	16.1	17.4	24.3	23.0	23.6
30	---	---	---	19.3	16.9	17.8	18.7	17.7	18.1	24.8	22.2	23.5
31	---	---	---	16.9	14.9	16.1	---	---	---	23.8	22.2	23.2
MONTH	11.5	4.5	7.7	19.5	8.8	14.4	22.1	11.8	16.8	---	---	---

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 LATITUDE 334622 LONGITUDE 0840330 NAD27 DRAINAGE AREA 162.0 CONTRIBUTING DRAINAGE AREA DATUM 770.00 NGVD29

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.5	21.4	22.0	24.3	23.2	23.7	27.6	24.9	26.1	25.1	24.0	24.4
2	23.0	20.7	21.8	23.9	23.3	23.5	27.4	25.2	26.2	24.0	23.1	23.4
3	23.2	20.7	21.9	25.0	23.5	24.1	27.4	24.9	26.0	24.1	22.8	23.4
4	24.4	21.3	22.6	25.5	23.5	24.5	28.0	24.8	26.2	24.3	22.6	23.4
5	24.1	20.8	22.4	26.3	24.1	25.1	27.0	24.6	25.6	24.6	22.5	23.4
6	24.6	21.4	22.8	26.4	24.2	25.3	25.8	24.3	25.0	23.9	22.7	23.3
7	23.5	21.6	22.5	26.3	24.1	25.2	25.0	22.9	23.9	23.3	22.4	22.6
8	22.2	21.6	21.9	26.6	24.2	25.3	24.7	21.6	23.0	22.8	22.5	22.6
9	22.8	21.5	22.0	26.5	24.4	25.2	24.3	21.3	22.8	23.2	22.2	22.6
10	24.6	22.0	23.1	26.6	24.4	25.4	23.0	21.8	22.4	23.8	22.3	23.0
11	25.9	22.9	24.2	27.7	24.6	25.9	24.1	21.2	22.5	23.9	22.3	23.0
12	27.2	23.6	25.1	27.8	24.9	26.2	23.1	22.2	22.6	23.7	22.2	22.9
13	25.1	23.7	24.4	28.2	25.0	26.4	23.0	22.0	22.6	22.9	22.0	22.5
14	24.4	23.5	24.0	28.2	25.2	26.5	22.9	21.1	22.0	22.8	21.3	22.0
15	25.2	23.8	24.3	26.2	24.6	25.3	23.5	21.7	22.5	21.9	21.4	21.6
16	25.6	23.8	24.6	25.6	23.6	24.7	24.2	22.2	23.0	22.9	21.5	22.0
17	26.3	24.1	25.1	25.5	24.0	24.7	24.6	22.3	23.4	22.8	22.5	22.7
18	26.5	24.6	25.6	25.6	23.9	24.7	25.2	22.6	23.8	22.5	21.3	22.1
19	27.3	25.0	26.0	26.2	23.7	24.8	25.7	22.8	24.1	21.5	20.4	21.0
20	27.5	24.9	26.0	26.4	23.6	24.8	25.5	23.2	24.3	20.7	19.5	20.0
21	26.0	24.6	25.3	26.8	23.2	24.9	25.2	23.6	24.3	20.3	18.7	19.5
22	25.7	24.0	24.7	26.7	23.7	25.1	25.6	23.4	24.4	20.3	18.3	19.3
23	25.2	23.8	24.3	27.8	24.2	25.8	25.7	23.7	24.6	21.0	18.5	19.7
24	24.6	23.6	24.2	28.3	24.8	26.3	26.1	23.5	24.7	21.6	19.5	20.4
25	25.2	23.7	24.3	27.2	25.1	26.0	25.1	23.8	24.5	21.9	20.0	20.8
26	25.0	24.0	24.5	25.8	24.4	24.9	25.1	23.2	24.0	21.7	19.9	20.7
27	24.5	23.6	24.0	25.6	24.3	24.9	25.8	23.4	24.4	20.9	20.4	20.5
28	24.4	23.6	24.0	25.6	24.6	25.1	26.4	23.6	24.8	20.9	20.4	20.6
29	24.4	23.3	23.8	25.6	24.4	24.9	25.7	24.0	24.9	21.2	20.5	20.9
30	24.2	23.2	23.7	26.2	24.6	25.3	25.8	23.6	24.6	21.2	19.8	20.4
31	---	---	---	27.1	24.8	25.8	26.2	23.6	24.8	---	---	---
MONTH	27.5	20.7	23.8	28.3	23.2	25.2	28.0	21.1	24.1	25.1	18.3	21.8

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02207120 YELLOW RIVER AT GA 124, NEAR LITHONIA, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
 LATITUDE 334622 LONGITUDE 0840330 NAD27 DRAINAGE AREA 162.0 CONTRIBUTING DRAINAGE AREA DATUM 770.00 NGVD29

Turbidity, water, unfiltered, nephelometric turbidity units
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	10	5.3	6.9	9.9	5.0	6.9	16	11	13	8.3	5.5	6.3
2	8.6	5.4	6.7	---	<5.0	---	13	9.7	11	7.6	<5.0	5.5
3	9.8	5.7	6.9	---	---	---	12	9.4	10	6.8	<5.0	5.4
4	10	<5.0	6.5	---	---	---	22	9.7	12	7.8	<5.0	5.2
5	24	<5.0	6.5	205	6.0	27	27	16	18	71	<5.0	6.2
6	20	5.2	6.5	291	75	142	22	12	16	84	34	60
7	15	6.3	8.6	76	22	39	16	10	12	37	14	22
8	---	---	---	25	12	15	13	8.7	9.8	22	9.6	14
9	---	---	---	13	7.9	10	11	7.7	8.9	17	8.0	9.7
10	39	10	16	12	6.2	7.9	178	8.4	39	15	8.9	11
11	14	7.2	9.5	9.3	5.8	7.0	190	51	86	9.8	6.4	7.6
12	9.8	6.3	8.1	10	5.6	6.9	54	24	37	8.9	5.0	6.5
13	10	5.1	6.7	9.9	6.0	6.8	26	16	18	7.0	<5.0	5.7
14	14	<5.0	6.0	12	5.7	7.0	89	18	62	9.1	5.2	6.1
15	9.9	5.0	6.4	9.0	5.3	6.4	63	24	38	10	<5.0	5.3
16	8.8	5.2	6.6	8.6	5.6	6.5	25	15	20	7.5	<5.0	<5.0
17	11	5.6	7.1	11	5.4	6.6	24	14	16	10	<5.0	5.0
18	---	---	---	14	9.3	10	24	13	18	21	5.5	12
19	---	---	---	505	11	285	13	9.5	11	30	9.6	15
20	---	---	---	223	99	127	11	8.4	9.5	11	6.0	7.9
21	7.1	<5.0	<5.0	100	47	73	9.4	7.1	8.2	12	5.1	6.4
22	9.0	<5.0	<5.0	49	30	37	8.8	6.0	6.8	13	5.2	7.5
23	11	<5.0	<5.0	32	21	25	22	5.9	6.7	12	6.5	7.3
24	9.5	<5.0	<5.0	24	17	20	87	9.5	52	16	7.0	9.7
25	7.1	<5.0	<5.0	25	19	22	46	16	25	263	9.6	85
26	374	<5.0	5.9	20	14	16	17	9.1	11	205	79	128
27	328	79	177	40	11	14	10	7.0	8.1	81	35	54
28	83	28	46	104	36	73	9.4	5.8	6.9	39	20	26
29	31	13	19	58	27	39	8.3	5.3	6.5	21	15	18
30	16	8.4	10	28	16	20	12	6.7	8.2	18	14	16
31	11	6.6	8.2	---	---	---	14	8.0	11	17	13	14
MAX	---	---	---	---	---	---	190	51	86	263	79	128
MIN	---	---	---	---	---	---	8.3	5.3	6.5	6.8	5.0	5.0

< Actual value is known to be less than the value shown

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02207120 YELLOW RIVER AT GA 124, NEAR LITHONIA, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
 LATITUDE 334622 LONGITUDE 0840330 NAD27 DRAINAGE AREA 162.0 CONTRIBUTING DRAINAGE AREA DATUM 770.00 NGVD29

Turbidity, water, unfiltered, nephelometric turbidity units
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	16	11	12	13	8.1	9.2	32	11	15	23	7.2	9.3
2	67	10	11	12	8.4	9.2	11	7.1	9.0	---	---	---
3	290	56	121	12	8.5	9.6	12	5.4	7.1	---	---	---
4	86	32	50	11	7.7	9.0	9.3	5.0	6.6	44	19	24
5	33	19	24	13	7.7	8.6	11	<5.0	6.0	21	13	16
6	372	16	50	32	7.9	10	9.5	5.1	6.1	18	9.9	13
7	271	69	111	47	19	33	12	<5.0	6.9	16	7.5	10
8	71	34	46	20	10	14	---	---	---	17	7.1	9.4
9	34	22	26	19	7.9	9.3	---	---	---	12	5.3	8.4
10	23	18	20	10	7.1	8.1	---	---	---	13	5.1	7.9
11	24	17	19	9.7	6.5	7.3	---	---	---	11	<5.0	7.1
12	270	16	132	8.4	5.6	6.7	---	---	---	19	5.2	7.5
13	139	47	77	9.8	5.3	6.3	330	26	148	92	14	56
14	64	39	44	9.5	5.0	6.1	123	32	59	46	12	20
15	127	46	64	10	5.3	6.2	35	14	19	17	7.6	11
16	157	47	74	11	5.5	6.7	20	9.5	12	13	5.6	9.1
17	51	25	36	11	7.5	8.5	14	8.1	10	---	---	---
18	27	21	23	10	6.5	7.6	13	6.6	9.2	---	---	---
19	23	16	18	9.5	5.5	7.0	11	6.3	8.8	12	5.1	8.3
20	18	14	15	25	5.9	7.5	12	5.9	8.0	18	7.4	9.4
21	17	12	13	21	6.3	7.9	12	5.8	7.7	14	6.3	9.8
22	17	12	13	11	5.3	7.4	12	5.8	7.7	521	5.6	10
23	14	9.6	11	9.9	<5.0	6.3	12	5.1	7.5	361	46	124
24	14	10	11	8.6	<5.0	5.9	11	<5.0	6.9	50	16	28
25	14	9.8	11	11	<5.0	6.0	11	<5.0	6.8	21	9.0	13
26	35	11	16	10	<5.0	6.2	19	5.9	7.9	17	6.2	10
27	45	24	34	11	<5.0	5.9	36	17	23	16	<5.0	9.0
28	24	14	18	8.4	<5.0	6.3	19	8.1	12	11	<5.0	8.2
29	16	10	11	9.2	<5.0	6.3	13	5.8	8.2	12	<5.0	6.8
30	---	---	---	89	5.6	11	14	5.4	7.8	12	<5.0	7.6
31	---	---	---	77	20	42	---	---	---	96	7.6	22
MAX	372	69	132	89	20	42	---	---	---	---	---	---
MIN	14	9.6	11	8.4	5.0	5.9	---	---	---	---	---	---

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U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02207120 YELLOW RIVER AT GA 124, NEAR LITHONIA, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
 LATITUDE 334622 LONGITUDE 0840330 NAD27 DRAINAGE AREA 162.0 CONTRIBUTING DRAINAGE AREA DATUM 770.00 NGVD29

Turbidity, water, unfiltered, nephelometric turbidity units
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	86	23	49	75	26	49	23	7.2	13	242	<5.0	5.1
2	26	9.5	14	518	64	243	30	<5.0	12	79	28	39
3	14	6.3	10	146	49	88	43	9.6	15	41	12	18
4	13	<5.0	8.2	95	27	39	24	7.8	13	14	5.3	7.8
5	16	<5.0	8.5	279	50	133	158	<5.0	10	10	<5.0	5.2
6	---	---	---	64	20	30	112	36	76	9.0	<5.0	<5.0
7	22	<5.0	6.7	22	12	17	42	13	22	412	6.4	308
8	28	12	17	19	9.7	14	17	5.7	10	275	109	166
9	31	13	19	363	6.6	12	15	5.5	8.8	114	70	94
10	22	8.5	14	30	5.9	10	13	<5.0	6.2	76	42	59
11	15	<5.0	8.4	14	<5.0	7.4	9.8	<5.0	5.9	---	---	---
12	65	<5.0	7.3	11	<5.0	6.0	666	6.6	349	---	---	---
13	267	12	23	10	<5.0	5.5	308	96	153	17	8.7	10
14	359	82	148	22	<5.0	5.5	96	34	54	17	7.0	10
15	82	27	39	154	9.0	82	37	16	23	18	<5.0	6.8
16	288	27	75	47	12	20	19	9.1	12	966	5.7	9.5
17	125	20	38	21	5.1	9.5	14	6.1	9.5	617	201	323
18	30	12	19	41	11	32	---	---	---	214	144	176
19	30	12	17	32	9.5	16	---	<5.0	---	159	104	124
20	20	5.9	12	16	<5.0	6.7	9.6	<5.0	5.0	110	65	90
21	35	6.3	11	10	<5.0	5.1	15	<5.0	6.9	65	32	53
22	233	17	42	8.6	<5.0	<5.0	7.6	<5.0	<5.0	34	19	24
23	300	42	99	15	<5.0	<5.0	9.3	<5.0	<5.0	22	15	17
24	165	51	83	10	<5.0	<5.0	9.9	<5.0	<5.0	20	11	13
25	153	22	35	91	<5.0	<5.0	6.9	<5.0	<5.0	13	7.9	9.6
26	376	71	163	319	16	139	41	<5.0	23	10	6.2	8.4
27	261	33	55	82	21	39	40	6.8	13	306	7.0	11
28	471	155	242	496	21	238	11	<5.0	5.7	293	101	203
29	166	64	98	92	20	43	10	<5.0	<5.0	108	64	84
30	67	27	41	---	---	---	9.4	<5.0	<5.0	67	33	51
31	---	---	---	---	---	---	6.7	<5.0	<5.0	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---

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