

**ALTAMAHA RIVER BASIN
2001 and 2002 Water Years**

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 mi².

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 continuous water-quality monitor.

REMARKS.— Records fair, except turbidity, which are poor. Water Year 2001 specific conductance and water temperature published in Water Resources Data-Georgia, 2001.

EXTREMES FOR PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: Maximum recorded, 364 microsiemens, September 10, 2002; minimum recorded, 53 microsiemens, May 5 and June 7, 2002.

WATER TEMPERATURE: Maximum recorded, 33.2°C, August 15, 2001; minimum recorded, 2.5°C, January 5, 2002.

TURBIDITY: Maximum recorded, 975 NTU, January 19, 2002; minimum recorded, <5.0 NTU, on many days.

EXTREMES FOR 2001 WATER YEAR.—

SPECIFIC CONDUCTANCE: Maximum, 293 microsiemens, September 17; minimum 75 microsiemens, September 24, 25.

WATER TEMPERATURE: Maximum 33.2°C, August 15; minimum, 15.7°C, September 30.

TURBIDITY: Maximum, 900 NTU, September 24; minimum, <5.0 NTU on many days.

EXTREMES FOR CURRENT YEAR.—

SPECIFIC CONDUCTANCE: Maximum, 364 microsiemens, September 10; minimum, 53 microsiemens, May 5 and June 7.

WATER TEMPERATURE: Maximum 28.4°C, July 18; minimum, 2.5°C, January 5.

TURBIDITY: Maximum, 980 NTU, January 19; minimum, <5.0 NTU on many days.

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

STATION NUMBER 02207120 YELLOW RIVER AT GA 124, NEAR LITHONIA, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
 LATITUDE 334622 LONGITUDE 0840330 NAD27 DRAINAGE AREA 162.0 CONTRIBUTING DRAINAGE AREA DATUM 770.00 NGVD29
 Date Processed: 2003-03-14 11:55 By ceoberst
 APPROVED
 DD #7, DCP
 SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	255	230	244	291	274	285	238	183	219	202	183	195
2	264	231	247	299	277	289	199	181	188	---	---	---
3	260	243	251	298	280	291	213	196	201	204	180	192
4	273	254	266	293	276	285	219	213	215	212	192	200
5	289	261	277	301	275	288	222	214	218	211	185	198
6	283	262	274	302	273	288	240	222	234	196	151	183
7	288	196	257	283	261	275	241	223	235	151	117	125
8	237	187	206	272	256	266	243	228	238	152	131	140
9	236	207	221	299	261	286	246	231	238	175	149	162
10	240	220	231	319	292	308	249	217	233	190	163	178
11	260	240	252	313	270	297	219	138	178	200	182	191
12	284	255	273	308	270	293	151	138	144	207	189	198
13	294	276	288	302	274	291	175	151	163	206	181	195
14	296	229	267	289	270	282	191	152	175	204	181	195
15	237	163	196	301	268	291	163	145	156	200	188	195
16	186	151	168	314	292	304	175	149	163	210	192	200
17	212	182	191	318	291	309	---	---	---	204	164	181
18	231	212	219	309	274	296	---	---	---	213	191	205
19	254	231	245	293	261	281	120	90	100	216	69	172
20	280	254	270	279	256	268	161	120	142	71	55	61
21	292	261	280	267	245	255	181	157	170	90	70	80
22	294	249	275	278	245	268	209	179	192	96	82	88
23	280	249	266	294	257	281	212	189	202	103	62	80
24	277	249	266	264	184	234	190	105	141	87	72	78
25	285	250	272	189	171	179	129	105	116	86	61	70
26	296	267	287	210	189	197	154	127	140	93	67	78
27	310	277	300	213	200	204	165	141	152	117	93	104
28	317	294	307	222	209	215	187	159	171	131	115	123
29	321	286	303	234	222	229	195	172	185	145	130	136
30	306	281	295	237	219	229	202	178	192	161	143	150
31	294	275	286	---	---	---	202	186	197	164	155	161
MONTH	321	151	257	319	171	269	249	90	183	216	55	150

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

STATION NUMBER 02207120 YELLOW RIVER AT GA 124, NEAR LITHONIA, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
LATITUDE 334622 LONGITUDE 0840330 NAD27 DRAINAGE AREA 162.0 CONTRIBUTING DRAINAGE AREA DATUM 770.00 NGVD29
Date Processed: 2003-03-14 11:55 By ceoberst

APPROVED
DD #7, DCP

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	158	146	153	204	187	196	83	64	72	179	153	170
2	162	143	155	204	59	149	104	83	94	171	147	157
3	168	146	158	81	58	70	118	104	111	179	144	159
4	167	148	159	101	81	93	130	115	123	184	55	100
5	172	151	161	124	101	116	147	125	137	69	53	60
6	176	77	147	143	120	132	154	142	148	89	69	79
7	77	57	67	147	131	140	160	145	153	113	89	102
8	98	76	88	151	140	146	163	152	158	131	113	122
9	119	98	112	---	---	---	167	152	158	145	125	134
10	135	116	129	161	139	151	165	152	158	145	114	133
11	142	127	136	163	142	153	181	150	164	142	109	122
12	153	132	142	163	131	153	182	142	166	137	112	127
13	166	147	157	152	100	110	156	93	111	151	130	141
14	173	156	163	118	102	109	143	113	132	142	123	132
15	180	164	171	141	114	127	155	130	147	150	122	140
16	181	169	175	148	129	138	164	141	154	170	138	153
17	182	168	176	158	137	147	189	160	178	175	156	168
18	178	166	173	162	149	154	192	172	183	171	117	141
19	---	---	---	157	145	148	199	173	187	144	116	123
20	---	---	---	176	149	161	207	181	193	149	121	136
21	183	162	173	166	112	150	211	183	197	163	142	153
22	174	155	166	132	111	120	207	192	201	178	157	168
23	183	169	176	157	120	139	209	190	201	193	172	180
24	191	169	180	167	143	156	210	189	200	196	181	188
25	195	177	186	174	150	162	214	197	207	200	184	193
26	186	171	179	169	146	158	223	186	206	206	187	197
27	186	162	177	---	---	---	223	188	204	211	193	201
28	197	180	188	146	108	126	239	208	221	207	166	185
29	---	---	---	169	139	154	224	152	189	196	179	186
30	---	---	---	174	64	147	158	140	148	207	185	193
31	---	---	---	67	55	60	---	---	---	214	199	206
MONTH	197	57	156	204	55	137	239	64	163	214	53	150

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 LATITUDE 334622 LONGITUDE 0840330 NAD27 DRAINAGE AREA 162.0 CONTRIBUTING DRAINAGE AREA DATUM 770.00 NGVD29
 Date Processed: 2003-03-14 11:23 By ceoberst
 APPROVED
 DD #6, DCP
 TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	18.1	15.4	16.8	15.0	11.5	13.0	16.0	14.0	15.1	5.5	4.4	5.0
2	18.5	15.3	16.9	15.9	13.2	14.4	14.4	12.8	13.6	---	---	---
3	18.8	15.6	17.2	17.6	14.7	16.1	13.7	12.1	12.8	4.6	3.6	4.1
4	19.1	16.0	17.6	17.2	15.3	16.2	13.0	10.9	12.0	4.4	2.9	3.6
5	18.4	16.6	17.5	16.1	13.7	14.9	12.8	10.3	11.6	4.5	2.5	3.5
6	18.6	17.2	18.1	14.6	12.3	13.5	14.4	11.9	13.0	6.0	4.2	5.0
7	17.9	16.1	17.0	13.6	10.8	12.2	14.9	12.3	13.6	5.5	4.9	5.3
8	16.4	14.7	15.5	13.7	10.8	12.2	15.3	12.9	14.1	5.4	4.0	4.6
9	15.7	13.9	14.9	14.1	11.1	12.5	15.1	13.7	14.4	6.1	3.5	4.7
10	16.8	14.1	15.4	14.2	11.4	12.7	14.4	12.3	13.4	7.8	5.1	6.3
11	17.9	15.9	16.8	13.9	11.0	12.3	12.3	11.8	12.1	10.0	7.6	8.7
12	19.3	17.3	18.3	13.8	11.5	12.5	12.2	11.6	11.9	8.7	7.8	8.1
13	20.5	18.7	19.6	13.1	11.1	12.1	13.4	12.2	12.8	8.4	6.8	7.5
14	20.7	19.5	20.1	13.2	10.7	11.9	15.2	13.4	14.3	7.4	6.4	6.9
15	19.5	17.6	18.6	13.6	10.8	12.1	14.1	12.7	13.4	8.1	6.4	7.2
16	17.6	15.4	16.6	13.4	10.5	11.9	13.1	11.9	12.5	8.1	6.3	7.0
17	15.4	13.5	14.4	13.5	10.4	11.9	---	---	---	8.0	5.7	6.8
18	14.4	11.8	13.2	13.6	11.0	12.3	---	---	---	9.2	7.3	8.2
19	14.7	11.8	13.2	13.7	11.0	12.3	12.7	11.3	11.9	9.3	8.6	8.9
20	16.0	12.7	14.2	13.5	11.7	12.6	11.5	9.4	10.5	8.6	7.3	7.7
21	17.0	13.8	15.3	12.1	10.3	11.2	9.5	8.0	8.8	8.8	7.5	8.1
22	18.2	15.1	16.5	11.8	9.4	10.5	8.7	7.0	7.8	8.9	8.0	8.4
23	18.7	16.1	17.3	12.1	10.5	11.3	9.3	7.4	8.2	9.2	8.6	8.9
24	18.8	16.4	17.6	13.9	12.0	13.2	9.3	8.0	8.9	11.6	9.2	10.3
25	18.4	16.6	17.9	15.8	13.9	14.8	8.0	6.6	7.2	12.3	11.6	12.1
26	16.6	14.4	15.6	15.6	13.9	14.8	6.7	4.9	5.8	11.8	10.0	10.9
27	14.4	12.0	13.0	16.9	15.0	15.8	5.4	3.7	4.6	10.5	9.2	9.8
28	12.0	9.9	11.0	17.0	15.4	16.1	6.4	4.3	5.2	11.3	9.3	10.2
29	11.8	8.8	10.3	17.4	15.4	16.4	8.0	6.1	6.9	12.9	10.5	11.6
30	12.4	8.9	10.5	17.5	16.0	16.8	7.2	6.3	6.6	14.2	12.2	13.1
31	13.0	9.7	11.2	---	---	---	6.3	5.3	5.8	15.4	13.5	14.4
MONTH	20.7	8.8	15.7	17.6	9.4	13.3	16.0	3.7	10.6	15.4	2.5	7.9

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LATITUDE 334622 LONGITUDE 0840330 NAD27 DRAINAGE AREA 162.0 CONTRIBUTING DRAINAGE AREA DATUM 770.00 NGVD29
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APPROVED
DD #6, DCP

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	15.4	14.1	15.0	8.0	5.0	6.4	17.1	16.4	16.8	18.7	17.4	18.0
2	14.1	11.5	12.7	7.7	7.1	7.3	18.2	16.2	17.1	20.9	18.0	19.3
3	11.5	9.9	10.5	8.2	7.4	7.9	19.6	16.4	17.8	21.0	20.2	20.5
4	10.2	8.5	9.4	7.7	5.9	7.0	18.1	15.9	17.1	20.4	16.0	18.1
5	8.5	7.2	7.8	7.7	4.8	6.2	17.1	14.5	15.8	16.9	16.0	16.4
6	7.6	6.3	6.9	9.3	5.9	7.5	16.5	13.7	15.1	18.8	16.9	17.8
7	6.6	6.0	6.2	10.8	7.6	9.1	16.4	13.4	14.9	20.0	17.7	18.8
8	7.8	6.3	7.0	12.4	9.2	10.8	17.1	14.8	15.8	21.4	19.1	20.2
9	9.1	6.8	7.9	---	---	---	16.9	16.3	16.6	22.4	20.1	21.2
10	11.7	8.9	10.2	13.7	11.4	12.6	18.0	16.5	17.1	22.4	20.8	21.5
11	11.7	10.2	10.8	12.7	9.9	11.3	17.9	17.1	17.4	21.6	20.7	21.2
12	10.4	8.5	9.5	11.6	11.1	11.4	17.5	17.2	17.3	21.6	20.4	21.0
13	10.1	8.3	9.2	12.4	10.9	11.6	17.6	17.0	17.3	22.0	20.6	21.2
14	10.3	8.0	9.1	15.0	11.7	13.2	18.8	17.0	17.8	20.7	18.9	19.8
15	10.8	8.1	9.4	15.9	13.0	14.5	19.9	17.7	18.7	19.8	17.2	18.5
16	11.9	9.4	10.5	17.1	15.3	16.1	21.0	18.5	19.8	20.2	17.3	18.7
17	11.5	9.5	10.3	19.0	16.3	17.6	22.1	19.6	20.8	21.1	18.5	19.7
18	10.7	8.2	9.4	19.7	17.6	18.6	22.8	20.2	21.4	20.8	19.5	20.3
19	---	---	---	18.7	17.8	18.2	23.5	20.5	21.9	19.8	18.0	18.9
20	---	---	---	18.8	17.1	17.8	23.9	21.5	22.5	18.4	16.7	17.5
21	12.8	9.9	11.3	18.2	16.7	17.4	24.2	21.6	22.7	17.5	15.5	16.5
22	12.0	10.3	11.2	16.7	13.3	14.9	22.7	20.4	21.8	17.9	15.1	16.4
23	11.8	9.2	10.4	13.9	10.9	12.4	21.3	18.4	19.8	18.6	15.0	16.7
24	11.7	8.8	10.1	14.4	10.5	12.5	20.9	18.2	19.5	19.5	15.8	17.6
25	12.2	9.1	10.5	16.4	12.5	14.3	21.0	18.9	19.7	20.6	17.1	18.7
26	12.7	10.3	11.2	16.4	15.4	15.8	19.2	16.8	17.8	21.2	18.5	19.9
27	10.6	7.2	8.8	---	---	---	17.3	16.2	16.8	22.4	19.7	21.0
28	8.1	5.6	6.7	16.3	12.9	14.5	19.7	16.8	18.1	23.2	20.2	21.6
29	---	---	---	16.6	13.3	15.0	20.3	18.8	19.3	23.1	20.3	21.7
30	---	---	---	17.0	15.8	16.4	19.0	17.6	18.2	22.8	20.6	21.7
31	---	---	---	17.1	16.6	16.8	---	---	---	24.2	21.0	22.5
MONTH	15.4	5.6	9.7	19.7	4.8	12.9	24.2	13.4	18.4	24.2	15.0	19.4

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 LATITUDE 334622 LONGITUDE 0840330 NAD27 DRAINAGE AREA 162.0 CONTRIBUTING DRAINAGE AREA DATUM 770.00 NGVD29
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APPROVED
 DD #8, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	---	---	---	---	---	---	---	---	---	38	5.8	16
2	---	---	---	---	---	---	---	---	---	10	<5.0	5.5
3	---	---	---	---	---	---	---	---	---	22	<5.0	6.0
4	---	---	---	---	---	---	---	---	---	135	18	70
5	---	---	---	---	---	---	---	---	---	89	19	39
6	---	---	---	---	---	---	---	---	---	23	6.8	12
7	---	---	---	---	---	---	---	---	---	11	<5.0	6.8
8	---	---	---	---	---	---	---	---	---	13	<5.0	5.1
9	---	---	---	---	---	---	---	---	---	9.5	<5.0	<5.0
10	---	---	---	---	---	---	---	---	---	12	<5.0	<5.0
11	---	---	---	---	---	---	---	---	---	39	7.2	18
12	---	---	---	---	---	---	---	---	---	20	6.4	12
13	---	---	---	---	---	---	---	---	---	13	<5.0	5.2
14	---	---	---	---	---	---	---	---	---	8.1	<5.0	<5.0
15	---	---	---	---	---	---	---	---	---	11	<5.0	5.2
16	---	---	---	---	---	---	17	5.8	12	12	<5.0	5.5
17	---	---	---	---	---	---	12	<5.0	7.5	7.3	<5.0	<5.0
18	---	---	---	---	---	---	10	<5.0	5.6	7.3	<5.0	<5.0
19	---	---	---	---	---	---	11	<5.0	5.0	9.9	<5.0	<5.0
20	---	---	---	---	---	---	12	<5.0	5.1	10	<5.0	<5.0
21	---	---	---	---	---	---	8.7	<5.0	<5.0	---	---	---
22	---	---	---	---	---	---	9.8	<5.0	<5.0	---	---	---
23	---	---	---	---	---	---	8.7	<5.0	<5.0	14	<5.0	5.6
24	---	---	---	---	---	---	7.4	<5.0	<5.0	903	<5.0	152
25	---	---	---	---	---	---	7.2	<5.0	<5.0	487	72	152
26	---	---	---	---	---	---	7.2	<5.0	<5.0	---	---	---
27	---	---	---	---	---	---	7.7	<5.0	<5.0	40	10	19
28	---	---	---	---	---	---	5.5	<5.0	<5.0	41	9.5	13
29	---	---	---	---	---	---	19	<5.0	<5.0	20	<5.0	9.9
30	---	---	---	---	---	---	32	10	20	17	<5.0	5.7
31	---	---	---	---	---	---	28	<5.0	5.9	---	---	---
MAX	---	---	---	---	---	---	32	10	20	903	72	152
MIN	---	---	---	---	---	---	5.5	<5.0	<5.0	7.3	<5.0	<5.0

YEAR	MAX	MIN	MEDIAN
	903	5.5	
	72	<5.0	
	152	<5.0	

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

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TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	8.8	<5.0	5.8	<5.0	<5.0	<5.0	---	---	---	9.3	<5.0	5.5
2	8.2	<5.0	<5.0	<5.0	<5.0	<5.0	---	---	---	8.0	<5.0	6.1
3	9.5	<5.0	<5.0	<5.0	<5.0	<5.0	---	---	---	7.5	5.3	6.0
4	9.0	<5.0	<5.0	5.3	<5.0	<5.0	---	---	---	8.3	5.9	7.0
5	8.2	<5.0	<5.0	5.4	<5.0	<5.0	---	---	---	8.9	6.2	7.1
6	285	<5.0	<5.0	<5.0	<5.0	<5.0	---	---	---	101	6.3	27
7	386	12	16	<5.0	<5.0	<5.0	---	---	---	122	34	62
8	20	11	14	<5.0	<5.0	<5.0	8.6	<5.0	<5.0	36	15	21
9	14	8.7	10	<5.0	<5.0	<5.0	10	<5.0	<5.0	16	8.5	12
10	13	8.1	9.8	<5.0	<5.0	<5.0	13	<5.0	5.0	12	6.2	8.6
11	12	6.3	8.0	<5.0	<5.0	<5.0	44	8.0	29	10	<5.0	6.6
12	13	6.1	7.6	<5.0	<5.0	<5.0	29	10	16	18	<5.0	6.6
13	14	5.8	8.3	<5.0	<5.0	<5.0	13	<5.0	8.4	17	7.8	11
14	170	6.7	14	<5.0	<5.0	<5.0	21	6.4	10	9.7	<5.0	5.5
15	186	38	59	<5.0	<5.0	<5.0	22	8.3	12	8.1	<5.0	5.0
16	54	28	34	<5.0	<5.0	<5.0	15	5.4	7.9	7.7	<5.0	5.2
17	34	25	28	<5.0	<5.0	<5.0	48	<5.0	6.2	9.1	<5.0	6.5
18	36	<5.0	29	5.9	<5.0	<5.0	380	48	172	8.5	<5.0	4.5
19	13	<5.0	6.2	5.8	<5.0	<5.0	107	28	59	975	<5.0	7.6
20	---	---	---	6.9	<5.0	<5.0	33	12	17	552	153	277
21	---	---	---	<5.0	<5.0	<5.0	14	6.5	9.1	159	95	119
22	---	---	---	5.0	<5.0	<5.0	9.1	5.2	6.8	127	61	84
23	5.2	<5.0	<5.0	12	<5.0	<5.0	20	5.3	6.6	355	72	169
24	6.7	<5.0	<5.0	93	9.8	<5.0	68	12	51	173	76	110
25	---	---	---	30	12	20	49	17	27	281	110	189
26	---	---	---	17	9.8	12	21	9.6	13	144	76	109
27	---	---	---	20	9.6	13	13	7.7	10	83	41	60
28	<5.0	<5.0	<5.0	22	8.6	13	9.3	5.7	7.6	50	26	35
29	<5.0	<5.0	<5.0	22	9.9	13	8.9	5.1	6.4	32	20	24
30	<5.0	<5.0	<5.0	---	---	---	9.1	<5.0	6.2	25	15	20
31	6.7	<5.0	<5.0	---	---	---	7.4	<5.0	5.4	21	13	16
MAX	386	38	59	93	12	20	380	48	172	975	153	277
MIN	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	7.4	<5.0	<5.0	7.5	<5.0	4.5

< 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 STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
 LATITUDE 334622 LONGITUDE 0840330 NAD27 DRAINAGE AREA 162.0 CONTRIBUTING DRAINAGE AREA DATUM 770.00 NGVD29
 Date Processed: 2003-03-14 12:08 By ceoberst

APPROVED
 DD #8, DCP

TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
FEBRUARY			MARCH			APRIL			MAY			
1	23	16	18	7.4	5.4	6.2	204	91	140	15	6.3	11
2	26	15	18	480	5.9	86	107	45	64	19	6.5	11
3	22	13	15	434	92	150	52	25	34	52	7.0	12
4	17	12	14	108	46	68	28	16	23	483	38	304
5	16	12	13	55	28	36	22	11	16	308	148	200
6	293	12	18	35	17	23	18	11	12	148	62	96
7	259	81	136	26	14	18	17	7.1	9.9	72	31	46
8	99	52	68	19	11	14	12	6.3	8.4	36	18	26
9	68	32	44	42	9.5	16	11	5.4	7.6	25	11	17
10	57	18	27	21	8.7	12	10	5.8	7.7	58	14	32
11	31	14	19	14	7.0	9.0	8.1	<5.0	5.4	99	30	46
12	19	12	14	66	7.9	16	90	<5.0	6.1	42	14	25
13	16	12	14	77	39	53	148	34	77	29	8.5	14
14	16	10	13	48	19	30	35	14	20	49	25	35
15	15	9.7	12	22	10	14	17	6.9	11	28	8.9	15
16	12	8.0	10	16	7.2	9.7	13	<5.0	7.7	13	5.2	9.1
17	12	7.4	9.8	10	5.0	8.5	10	<5.0	5.5	14	<5.0	7.1
18	12	7.7	9.5	11	<5.0	7.0	9.4	<5.0	<5.0	105	6.8	66
19	10	6.8	8.3	12	<5.0	6.6	13	<5.0	<5.0	65	15	28
20	15	7.6	9.2	11	<5.0	6.7	7.1	<5.0	<5.0	16	6.7	10
21	15	8.6	11	48	6.5	24	7.6	<5.0	<5.0	10	<5.0	7.1
22	14	6.4	8.8	46	13	23	7.9	<5.0	<5.0	8.3	<5.0	5.6
23	9.9	5.8	7.3	16	6.9	10	8.3	<5.0	<5.0	8.2	<5.0	5.3
24	7.9	<5.0	6.3	10	<5.0	7.0	7.5	<5.0	<5.0	7.9	<5.0	<5.0
25	7.7	<5.0	6.0	9.7	<5.0	6.0	11	<5.0	<5.0	7.2	<5.0	<5.0
26	7.3	<5.0	6.1	23	<5.0	6.6	10	<5.0	5.3	7.4	<5.0	<5.0
27	8.0	<5.0	6.0	78	18	52	6.5	<5.0	<5.0	6.5	<5.0	<5.0
28	7.2	<5.0	6.0	55	9.4	19	5.5	<5.0	<5.0	5.3	<5.0	<5.0
29	---	---	---	14	5.0	7.5	101	<5.0	46	5.3	<5.0	<5.0
30	---	---	---	537	<5.0	22	37	11	18	5.4	<5.0	<5.0
31	---	---	---	439	155	241	---	---	---	<5.0	<5.0	<5.0
MAX	293	81	136	537	155	241	204	91	140	483	148	304
MIN	7.2	<5.0	6.0	7.4	<5.0	6.0	5.5	<5.0	<5.0	<5.0	<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 STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
 LATITUDE 334622 LONGITUDE 0840330 NAD27 DRAINAGE AREA 162.0 CONTRIBUTING DRAINAGE AREA DATUM 770.00 NGVD29
 Date Processed: 2003-03-14 12:08 By ceoberst

APPROVED
 DD #8, DCP
 TURBIDITY (NTU), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	<5.0	<5.0	<5.0	78	5.1	46	135	39	84	18	<5.0	8.3
2	5.5	<5.0	<5.0	40	9.1	12	74	25	36	---	---	---
3	<5.0	<5.0	<5.0	81	8.2	23	47	11	18	---	---	---
4	20	<5.0	<5.0	66	<5.0	13	16	<5.0	7.8	19	6.7	10
5	66	15	22	9.7	<5.0	<5.0	12	<5.0	5.7	16	6.6	9.9
6	683	25	45	8.7	<5.0	<5.0	12	<5.0	5.0	14	5.5	9.3
7	729	142	312	6.5	<5.0	<5.0	11	<5.0	<5.0	14	5.5	9.1
8	147	37	82	6.3	<5.0	<5.0	12	<5.0	<5.0	14	6.0	8.9
9	43	14	24	10	<5.0	<5.0	10	<5.0	<5.0	14	5.8	8.6
10	16	6.6	11	9.1	<5.0	<5.0	11	<5.0	<5.0	13	6.3	9.0
11	13	<5.0	7.3	64	<5.0	11	9.1	<5.0	<5.0	15	7.8	11
12	12	<5.0	5.0	84	7.0	60	7.7	<5.0	<5.0	13	6.5	9.2
13	45	<5.0	<5.0	210	15	32	8.5	<5.0	<5.0	45	9.0	14
14	236	8.6	24	164	14	50	9.3	<5.0	<5.0	503	32	145
15	230	37	97	17	5.2	10	9.2	<5.0	<5.0	207	93	139
16	38	12	20	12	<5.0	5.0	131	<5.0	38	123	34	65
17	16	5.2	9.0	7.0	<5.0	<5.0	115	22	39	43	13	25
18	8.7	<5.0	5.9	6.8	<5.0	<5.0	57	19	33	880	13	416
19	12	<5.0	<5.0	8.0	<5.0	<5.0	86	17	53	236	51	98
20	6.5	<5.0	<5.0	7.4	<5.0	<5.0	164	30	86	52	18	30
21	7.9	<5.0	<5.0	5.4	<5.0	<5.0	52	17	30	103	18	32
22	6.4	<5.0	<5.0	<5.0	<5.0	<5.0	30	14	20	338	75	198
23	46	<5.0	9.6	204	<5.0	<5.0	18	5.1	11	130	38	68
24	237	27	84	632	104	260	13	<5.0	6.5	38	15	24
25	71	15	28	438	120	188	9.9	<5.0	5.6	31	12	16
26	17	5.3	10	124	29	58	11	<5.0	5.0	67	29	48
27	13	<5.0	5.9	41	18	27	11	<5.0	7.8	152	56	114
28	88	5.1	8.7	27	12	16	62	6.3	13	99	29	51
29	17	<5.0	8.2	16	5.7	9.3	133	23	50	33	13	21
30	30	<5.0	6.2	16	<5.0	7.3	37	10	19	17	8.9	12
31	---	---	---	314	<5.0	8.9	18	7.1	12	---	---	---
MAX	729	142	312	632	120	260	164	39	86	880	93	416
MIN	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	7.7	<5.0	<5.0	13	<5.0	8.3

YEAR MAX MAXIMUM 975 MINIMUM <5.0
 MIN MAXIMUM 155 MINIMUM <5.0
 MEDIAN MAXIMUM 416 MINIMUM 4.5

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