

ALTAMAHA RIVER BASIN
2004 Water Year

02207220 YELLOW RIVER AT PLEASANT HILL ROAD, NEAR LITHONIA, GA

LOCATION.—Lat 33°44'01", long 84°03'43" referenced to North American Datum (NAD) of 1927, Rockdale County, Hydrologic Unit 03070103, on right bank of upstream side of bridge on Pleasant Hill Road, 0.3 miles north of Johnson Creek confluence, 1.6 miles east of GA 124, 0.8 miles west of DeKalb/Rockdale County line.

DRAINAGE AREA.—213 square miles.

COOPERATION.—Rockdale County Department of Water Resources.

PERIOD OF RECORD.—February 13, 2003, to current year.

CONTINUOUS WATER QUALITY RECORDS

PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: February 13, 2003, to current year.

WATER TEMPERATURE: February 13, 2003, to current year.

TURBIDITY: February 13, 2003, to current year.

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

REMARK.—Records good, except for turbidity, which is poor.

EXTREMES FOR PERIOD OF RECORD.—

SPECIFIC CONDUCTANCE: Maximum recorded, 293 microsiemens, May 24, 2004; minimum recorded, 38 microsiemens, June 17, 2003.

WATER TEMPERATURE: Maximum recorded, 28.5°C, July 14, 2004; minimum recorded, 4.0°C, January 29, 2004.

TURBIDITY: Maximum recorded, >1,100 NTU, March 20, 2003; minimum recorded, 2.4 NTU, September 19, 20, 2003.

EXTREMES FOR CURRENT YEAR.—

SPECIFIC CONDUCTANCE: Maximum recorded, 293 microsiemens, May 24; minimum recorded, 51 microsiemens, September 17.

WATER TEMPERATURE: Maximum recorded, 28.5°C, July 14; minimum recorded, 4.0°C, January 29.

TURBIDITY: Maximum recorded, 920 NTU, September 7; minimum recorded, 2.9 NTU, July 25, August 31.

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

STATION NUMBER 02207220 YELLOW RIVER AT PLEASANT HILL ROAD, NR LITHONIA,GA SOURCE AGENCY USGS STATE 13 COUNTY 089
 LATITUDE 334401 LONGITUDE 0840343 NAD27 DRAINAGE AREA 213 CONTRIBUTING DRAINAGE AREA DATUM 720 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	168	149	155	164	154	158	125	112	118	149	133	138
2	180	166	170	169	155	160	128	122	126	149	141	145
3	168	155	163	178	168	173	135	128	132	148	135	142
4	173	164	168	183	165	175	138	130	134	150	137	143
5	176	168	173	177	123	166	143	120	131	146	121	137
6	186	170	178	136	79	101	129	116	123	128	94	108
7	185	163	174	104	86	94	148	129	136	114	96	103
8	178	158	163	122	104	114	159	140	146	130	114	122
9	178	122	136	140	122	129	157	147	150	137	127	130
10	131	119	124	150	133	138	148	99	130	139	120	130
11	152	131	143	151	144	147	99	74	82	138	126	132
12	167	152	158	151	146	148	106	89	98	146	133	138
13	172	167	169	155	150	153	118	105	113	145	133	139
14	174	164	169	157	153	155	120	85	108	146	136	141
15	172	167	170	162	155	160	101	85	93	147	141	144
16	181	170	178	166	158	162	113	101	108	154	145	150
17	182	175	177	168	158	163	123	111	116	156	147	152
18	182	174	177	173	136	161	123	107	114	157	143	150
19	179	172	175	136	56	83	128	114	122	147	126	132
20	184	172	178	71	54	61	129	125	127	136	124	128
21	192	174	185	84	71	78	138	128	133	143	136	140
22	183	171	178	101	84	94	140	131	134	146	139	144
23	192	172	183	111	100	106	141	134	137	157	146	154
24	199	183	192	116	109	112	135	93	121	161	154	157
25	200	188	194	120	113	117	107	93	101	159	75	128
26	194	98	173	121	113	117	118	105	111	76	67	70
27	114	67	79	127	121	125	126	116	120	88	76	82
28	102	78	88	122	86	105	136	126	130	100	88	94
29	126	97	110	97	86	92	141	127	133	109	99	104
30	138	126	132	112	97	105	144	131	137	116	106	111
31	157	137	146	---	---	---	144	129	137	121	113	118
MONTH	200	67	160	183	54	128	159	74	123	161	67	129

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

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 LATITUDE 334401 LONGITUDE 0840343 NAD27 DRAINAGE AREA 213 CONTRIBUTING DRAINAGE AREA DATUM 720 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	129	119	123	127	116	122	135	109	122	173	155	166
2	128	119	124	125	114	119	136	123	131	155	64	104
3	119	75	91	133	119	126	146	133	141	92	74	84
4	92	79	86	134	125	130	155	139	146	115	92	103
5	105	91	99	138	126	132	155	141	148	131	115	124
6	108	77	98	140	132	136	154	140	148	142	131	137
7	83	70	73	142	112	123	155	142	148	154	142	149
8	88	76	84	126	110	119	155	145	151	163	154	159
9	101	88	96	131	118	125	155	149	152	169	162	165
10	108	99	103	140	128	134	157	144	151	179	166	173
11	113	105	109	146	133	138	160	145	154	172	162	169
12	112	70	93	145	135	140	162	140	154	170	149	163
13	81	70	75	147	138	142	140	81	111	168	117	149
14	92	81	88	151	136	142	100	84	92	123	111	116
15	92	85	88	149	135	141	130	97	112	138	122	127
16	87	80	83	142	133	137	136	122	131	159	138	146
17	99	85	92	142	134	139	145	131	139	165	157	161
18	110	99	105	136	129	133	158	142	149	170	149	162
19	119	109	114	144	133	139	163	147	154	165	150	155
20	123	117	120	148	140	145	162	149	157	182	165	175
21	123	113	119	152	142	145	170	157	164	185	155	166
22	129	122	125	152	142	148	172	159	166	---	---	---
23	134	120	126	151	141	147	172	160	165	245	88	172
24	126	117	121	151	141	147	169	157	163	293	179	226
25	125	119	122	153	140	148	168	157	162	188	145	172
26	123	107	116	154	143	149	176	155	166	171	144	159
27	109	100	105	162	149	156	170	132	157	---	---	---
28	112	103	110	163	149	157	143	124	134	---	---	---
29	124	108	117	161	145	152	161	143	152	---	---	---
30	---	---	---	155	135	145	170	159	165	---	---	---
31	---	---	---	153	107	119	---	---	---	---	---	---
MONTH	134	70	104	163	107	138	176	81	146	---	---	---

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

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 LATITUDE 334401 LONGITUDE 0840343 NAD27 DRAINAGE AREA 213 CONTRIBUTING DRAINAGE AREA DATUM 720 NGVD29

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 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	---	---	---	129	106	116	184	169	176	206	177	193
2	135	114	123	115	58	79	201	184	196	184	128	146
3	160	129	144	86	65	78	216	197	209	142	130	136
4	181	155	167	106	86	99	215	180	203	149	138	142
5	193	168	183	106	86	93	199	175	189	172	149	162
6	201	184	196	118	86	101	197	161	178	190	161	174
7	228	192	206	128	116	121	161	149	154	173	54	99
8	209	182	193	147	128	134	170	159	165	66	52	57
9	206	135	164	---	---	---	192	170	186	80	66	74
10	175	138	151	---	---	---	209	188	199	93	80	87
11	187	163	173	---	---	---	213	202	207	113	90	104
12	---	---	---	---	---	---	213	53	133	128	109	118
13	---	---	---	---	---	---	72	52	59	138	120	128
14	---	---	---	---	---	---	92	72	82	144	133	138
15	---	---	---	204	115	177	110	90	101	151	135	143
16	---	---	---	135	109	121	129	110	117	155	63	132
17	---	---	---	153	135	146	130	123	127	64	51	57
18	---	---	---	190	152	169	138	128	134	74	57	65
19	---	---	---	152	131	137	151	133	144	85	74	80
20	---	---	---	157	147	153	167	145	158	95	82	92
21	---	---	---	182	157	173	168	160	164	113	92	100
22	168	126	151	201	178	190	177	164	172	126	107	117
23	133	99	115	216	185	206	177	166	173	136	120	129
24	126	96	109	223	190	210	178	162	170	141	127	136
25	126	102	112	228	200	216	178	161	169	153	137	144
26	143	91	105	224	99	157	195	159	177	158	144	152
27	120	92	107	125	97	111	159	121	135	155	80	136
28	100	75	82	132	93	109	177	152	166	80	52	59
29	90	73	83	135	94	114	198	165	188	74	57	66
30	108	87	99	159	135	145	221	177	202	89	74	82
31	---	---	---	169	152	158	239	192	219	---	---	---
MONTH	---	---	---	---	---	---	239	52	163	206	51	115

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 LATITUDE 334401 LONGITUDE 0840343 NAD27 DRAINAGE AREA 213 CONTRIBUTING DRAINAGE AREA DATUM 720 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	18.8	16.8	17.7	17.0	15.1	16.0	9.3	7.7	8.5	8.2	6.6	7.4
2	17.9	16.1	17.0	17.2	15.4	16.3	9.2	8.0	8.8	9.1	7.5	8.2
3	17.2	15.5	16.4	17.2	15.5	16.4	9.0	8.1	8.4	10.9	9.0	9.8
4	17.8	15.6	16.7	18.1	16.8	17.4	8.3	7.6	7.8	12.3	10.9	11.4
5	18.6	16.3	17.4	19.9	18.1	18.7	7.8	7.5	7.7	13.1	12.3	12.7
6	18.9	17.8	18.4	20.7	19.6	20.2	8.1	7.1	7.6	12.4	9.2	11.1
7	19.4	18.5	18.9	20.9	19.9	20.3	7.7	6.6	7.2	9.2	6.3	7.3
8	19.8	18.9	19.3	20.0	18.2	18.9	7.6	6.2	7.0	6.3	5.0	5.4
9	19.6	18.9	19.3	18.2	16.4	17.3	8.4	6.5	7.4	6.2	5.5	5.8
10	19.9	19.2	19.5	16.4	14.6	15.2	10.2	8.4	9.4	6.2	5.7	6.1
11	19.6	19.0	19.3	15.0	13.5	14.3	9.9	8.0	9.2	6.0	4.7	5.4
12	20.5	18.8	19.5	16.0	13.9	14.9	8.1	7.1	7.6	6.2	4.5	5.4
13	20.4	18.7	19.6	16.1	13.5	15.1	7.7	7.0	7.3	7.6	5.7	6.5
14	20.7	19.4	20.1	13.5	11.8	12.5	7.5	6.9	7.2	8.5	6.5	7.4
15	19.4	17.6	18.3	12.6	11.1	11.9	7.4	6.4	6.9	9.3	8.2	8.7
16	17.6	15.7	16.6	13.4	11.4	12.3	8.4	6.4	7.2	8.6	7.2	8.0
17	16.6	15.1	15.6	15.4	13.4	14.4	8.4	7.9	8.2	8.2	6.9	7.5
18	16.6	14.8	15.6	16.9	15.2	15.9	7.9	6.9	7.4	9.4	7.8	8.5
19	16.7	14.8	15.8	17.5	16.9	17.2	7.5	6.8	7.1	9.3	7.8	8.5
20	17.2	15.2	16.1	17.0	14.7	15.9	6.9	5.7	6.1	7.8	6.1	6.7
21	17.6	15.6	16.6	15.0	13.8	14.4	5.8	4.5	5.2	6.5	5.1	5.9
22	17.9	16.6	17.3	14.3	13.1	13.8	6.0	4.3	5.2	6.6	5.1	5.9
23	17.3	15.9	16.7	14.3	12.9	13.6	7.6	5.2	6.1	6.5	5.4	6.0
24	16.9	15.5	16.3	14.3	12.9	13.8	9.2	7.6	8.4	7.5	4.9	6.0
25	17.1	15.6	16.4	12.9	11.2	11.8	8.4	7.0	7.5	8.1	7.5	7.7
26	17.8	16.6	16.9	11.3	9.9	10.7	7.0	5.5	6.3	7.5	5.7	6.3
27	17.7	16.9	17.4	12.1	10.8	11.3	6.7	5.4	6.1	6.5	5.7	6.0
28	16.9	15.6	16.1	12.9	11.8	12.5	7.0	5.6	6.3	5.9	4.8	5.4
29	16.0	14.6	15.3	11.8	9.4	10.6	8.4	6.3	7.1	5.5	4.0	4.8
30	16.0	14.1	15.1	9.4	7.9	8.6	8.9	8.1	8.6	6.6	4.7	5.6
31	16.4	14.4	15.5	---	---	---	8.6	7.2	7.9	6.7	5.5	6.2
MONTH	20.7	14.1	17.3	20.9	7.9	14.7	10.2	4.3	7.4	13.1	4.0	7.2

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

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 LATITUDE 334401 LONGITUDE 0840343 NAD27 DRAINAGE AREA 213 CONTRIBUTING DRAINAGE AREA DATUM 720 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	6.8	5.5	6.2	11.7	8.8	10.0	15.5	13.6	14.5	20.5	18.7	19.4
2	6.7	5.6	6.0	13.8	11.4	12.4	15.1	12.7	14.0	19.8	19.1	19.4
3	5.7	4.9	5.4	15.8	13.5	14.5	16.4	13.0	14.6	19.1	17.8	18.6
4	7.0	5.2	6.0	16.4	14.7	15.5	16.4	13.7	15.1	18.3	16.0	17.2
5	6.5	6.2	6.3	16.5	15.3	15.9	16.3	13.1	14.8	19.0	15.9	17.4
6	7.1	6.3	6.6	17.4	16.1	16.6	16.9	13.4	15.1	20.9	17.2	18.9
7	7.0	6.0	6.7	17.1	15.2	16.2	17.2	14.0	15.7	22.0	18.4	20.1
8	6.5	5.2	5.8	15.7	13.5	14.3	17.6	15.4	16.5	23.0	19.3	21.1
9	6.7	5.5	6.0	13.6	11.7	12.4	18.7	15.6	17.1	23.0	20.6	21.9
10	7.3	5.9	6.5	12.7	10.5	11.6	18.0	15.4	16.9	23.3	20.8	22.0
11	8.1	7.0	7.5	12.7	10.0	11.4	17.7	16.2	17.1	23.1	21.3	22.2
12	8.0	7.1	7.6	13.4	10.8	12.1	17.6	16.6	17.1	23.0	21.5	22.1
13	8.4	7.1	7.7	13.9	11.3	12.5	16.7	14.0	15.4	22.0	21.6	21.8
14	9.0	8.3	8.6	14.4	11.8	13.1	14.7	13.2	13.8	22.7	21.4	22.0
15	9.2	8.8	8.9	15.5	13.8	14.5	15.9	12.4	14.0	23.7	21.5	22.5
16	8.8	7.8	8.2	16.7	14.9	15.6	17.2	13.9	15.5	23.2	21.5	22.5
17	8.0	7.3	7.7	16.4	14.3	15.3	18.6	15.0	16.7	23.3	21.6	22.5
18	8.8	6.9	7.8	15.2	13.2	14.1	20.0	16.3	18.0	23.8	21.7	22.7
19	9.2	7.0	8.1	16.5	13.0	14.7	20.7	17.3	19.0	23.5	22.2	22.8
20	9.3	7.9	8.6	17.1	14.2	15.6	21.0	18.3	19.6	23.9	21.7	22.8
21	11.2	9.3	10.1	17.2	15.5	16.3	20.3	18.5	19.5	25.2	22.0	23.5
22	11.2	9.2	10.2	15.5	12.9	14.0	21.1	17.8	19.5	25.0	22.4	23.9
23	10.6	9.4	9.8	13.6	10.8	12.3	21.4	18.6	20.0	24.9	22.5	23.6
24	10.3	9.8	10.0	14.0	10.7	12.4	21.9	19.1	20.5	25.1	22.8	23.9
25	10.3	9.5	10	15.6	11.8	13.7	22.4	19.8	21.2	25.9	23.8	24.8
26	9.5	7.0	7.9	17.5	13.8	15.6	21.8	19.4	20.6	26.3	23.9	25.1
27	7.0	6.3	6.7	18.4	15.1	16.8	19.6	17.7	18.6	26.2	24.0	25.0
28	8.8	6.0	7.3	19.6	16.1	17.8	19.3	16.3	17.7	25.6	23.8	24.8
29	9.6	7.1	8.3	19.4	17.3	18.3	19.5	16.5	17.9	24.9	23.8	24.3
30	---	---	---	19.5	17.2	18.3	19.2	18.2	18.8	25.2	23.2	24.1
31	---	---	---	17.9	15.5	16.5	---	---	---	24.7	23.2	24.1
MONTH	11.2	4.9	7.7	19.6	8.8	14.5	22.4	12.4	17.2	26.3	15.9	22.2

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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	23.2	22.0	22.6	24.5	23.7	24.2	28.2	25.8	26.9	25.7	24.4	25.0
2	23.5	21.4	22.5	24.4	23.5	23.7	28.1	26.0	27.1	24.9	24.0	24.3
3	23.5	21.5	22.6	25.2	23.5	24.2	28.0	25.6	26.8	25.0	23.5	24.1
4	24.7	22.2	23.4	25.9	23.9	24.9	28.0	25.6	26.8	24.8	23.2	24.0
5	24.2	21.9	23.1	26.7	24.4	25.5	27.3	25.8	26.4	25.1	23.2	24.1
6	24.7	22.5	23.6	27.0	25.1	26.1	26.7	25.4	26.2	24.8	23.3	24.1
7	24.1	22.7	23.4	27.0	25.0	26.0	25.7	23.9	24.8	24.2	22.5	23.2
8	23.2	22.4	22.8	27.2	24.9	26.1	25.2	22.5	23.9	22.8	22.7	22.7
9	23.3	22.3	22.7	---	25.0	---	24.3	22.4	23.5	23.5	22.4	22.9
10	25.3	22.5	23.7	---	---	---	24.0	22.8	23.2	24.1	22.5	23.3
11	26.4	23.5	24.9	---	---	---	24.2	22.0	23.0	24.3	22.8	23.5
12	27.3	24.5	---	---	---	---	23.8	22.5	23.3	24.3	22.7	23.4
13	---	---	---	---	---	---	23.5	22.7	23.0	23.5	22.6	23.0
14	---	---	---	28.5	---	---	23.7	21.8	22.7	23.0	21.7	22.3
15	---	---	---	27.2	25.2	26.1	24.4	22.5	23.3	22.5	21.7	22.2
16	---	---	---	26.0	24.1	25.1	24.8	22.9	23.8	23.1	22.1	22.4
17	---	---	---	25.8	24.5	25.2	24.9	23.0	23.9	23.1	22.5	22.8
18	---	---	---	26.0	24.2	25.1	25.6	23.5	24.5	22.6	21.8	22.3
19	---	---	---	26.6	24.2	25.3	26.1	23.5	24.7	21.8	20.8	21.3
20	---	---	---	26.8	23.9	25.3	25.7	24.1	25.0	20.9	19.6	20.3
21	26.3	---	---	26.8	24.3	25.6	25.5	24.3	25.0	20.7	19.1	19.9
22	26.5	24.9	25.7	26.9	24.8	25.9	26.0	24.0	25.0	20.7	18.7	19.7
23	25.9	24.8	25.3	27.8	25.2	26.4	26.1	24.5	25.2	21.3	18.9	20.1
24	25.5	24.4	25.0	28.1	25.9	27.0	26.2	24.4	25.2	21.8	19.8	20.8
25	26.0	24.4	25.1	27.7	26.1	26.8	25.7	24.8	25.3	22.2	20.2	21.1
26	25.3	24.0	24.7	26.6	25.6	25.9	25.4	23.4	24.6	21.7	20.0	20.9
27	24.9	24.0	24.5	26.3	25.1	25.6	26.0	23.7	24.8	21.7	20.5	21.0
28	24.9	24.1	24.4	26.3	25.2	25.8	26.6	24.2	25.3	20.9	20.5	20.7
29	25.1	23.9	24.4	26.7	25.4	26.0	25.9	24.8	25.4	21.4	20.8	21.0
30	24.7	23.9	24.3	26.7	25.3	26.0	25.8	24.4	25.1	21.3	19.9	20.7
31	---	---	---	27.8	25.4	26.5	26.3	24.3	25.3	---	---	---
MONTH	---	---	---	---	---	---	28.2	21.8	24.8	25.7	18.7	22.2

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

STATION NUMBER 02207220 YELLOW RIVER AT PLEASANT HILL ROAD, NR LITHONIA,GA SOURCE AGENCY USGS STATE 13 COUNTY 089
 LATITUDE 334401 LONGITUDE 0840343 NAD27 DRAINAGE AREA 213 CONTRIBUTING DRAINAGE AREA DATUM 720 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	17	5.6	8.7	14	6.1	8.3	16	11	13	11	5.1	6.3
2	14	5.7	7.7	17	5.4	7.3	17	9.0	11	8.7	4.9	5.5
3	13	5.1	6.7	10	5.2	7.0	22	8.4	9.9	8.9	5.0	5.9
4	9.7	4.9	6.5	10	5.1	6.8	16	9.4	12	8.9	5.3	6.3
5	11	4.5	6.0	220	4.4	6.8	18	12	14	45	5.1	6.8
6	14	5.0	6.8	210	72	110	15	9.4	12	62	32	48
7	22	5.8	7.6	72	19	39	11	7.7	9.5	34	13	21
8	44	5.8	7.8	27	11	16	9.8	6.7	7.8	14	8.1	9.8
9	73	25	37	21	8.5	11	11	6.7	7.4	14	8.1	10
10	32	11	17	14	7.2	9.1	190	7.2	35	12	8.7	10
11	14	6.4	9.3	20	6.4	8.2	200	44	73	9.6	6.2	7.7
12	11	5.7	8.1	24	6.7	8.6	58	20	31	8.9	5.5	6.3
13	10	4.4	6.4	15	6.2	7.7	24	14	17	11	5.0	5.8
14	10	5.0	6.0	13	5.9	7.1	71	16	49	11	5.4	6.4
15	9.9	5.0	6.3	21	5.6	6.9	65	21	34	11	6.0	6.8
16	13	4.1	5.9	12	6.3	7.4	23	14	16	10	5.1	6.2
17	11	4.1	5.5	14	5.7	6.9	20	13	15	9.8	5.1	5.8
18	10	4.4	5.8	17	7.3	9.4	20	12	15	19	6.9	13
19	8.9	3.3	5.2	430	12	260	13	8.3	10	20	10	14
20	9.5	3.7	4.8	260	94	130	11	7.4	8.3	15	5.8	7.9
21	8.3	3.4	5.2	98	40	68	11	6.6	7.4	7.5	5.6	6.1
22	11	3.9	5.6	46	25	34	9.2	6.0	6.8	8.3	5.8	6.7
23	21	4.3	6.3	33	18	23	14	5.9	6.5	14	5.4	6.3
24	7.9	3.4	5.2	23	15	19	62	14	31	9.1	6.0	6.9
25	9.8	3.2	4.9	26	16	19	50	16	23	230	6.5	100
26	240	4.0	5.5	22	12	15	17	8.2	11	220	72	120
27	350	60	200	55	11	13	12	6.2	7.6	72	34	47
28	86	26	48	100	31	63	8.5	5.7	6.4	37	21	27
29	58	14	18	58	24	37	9.1	5.9	7.0	27	16	18
30	20	8.9	12	28	14	19	12	6.7	8.0	22	13	15
31	13	7.9	9.8	---	---	---	13	7.9	9.1	20	12	15
MAX	350	60	200	430	94	260	200	44	73	230	72	120
MIN	7.9	3.2	4.8	10	4.4	6.8	8.5	5.7	6.4	7.5	4.9	5.5

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

STATION NUMBER 02207220 YELLOW RIVER AT PLEASANT HILL ROAD, NR LITHONIA,GA SOURCE AGENCY USGS STATE 13 COUNTY 089
 LATITUDE 334401 LONGITUDE 0840343 NAD27 DRAINAGE AREA 213 CONTRIBUTING DRAINAGE AREA DATUM 720 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	71	23	42	58	26	38	20	9.9	14	76	5.4	9.6
2	27	9.8	14	450	53	210	21	7.9	12	150	27	43
3	23	7.3	11	170	50	90	19	9.9	12	32	12	22
4	26	6.4	9.7	55	29	41	25	12	15	20	7.0	10
5	20	5.2	8.5	220	48	98	390	6.1	14	20	4.5	7.1
6	17	4.1	7.8	63	19	36	86	40	55	9.8	4.4	6.2
7	18	5.3	7.6	28	14	19	47	17	26	920	7.8	270
8	63	8.3	14	20	12	15	20	9.2	12	240	110	170
9	33	11	15	---	---	---	16	6.3	10	110	70	93
10	27	8.9	12	---	---	---	15	6.6	9.1	71	38	58
11	22	6.2	9.8	---	---	---	13	5.4	9.2	46	20	30
12	---	---	---	---	---	---	590	8.4	340	29	14	19
13	---	---	---	---	---	---	300	100	160	18	10	14
14	---	---	---	---	---	---	100	34	58	16	8.4	11
15	---	---	---	---	---	---	39	19	27	13	8.3	9.6
16	---	---	---	---	---	---	23	12	17	760	8.9	12
17	---	---	---	---	---	---	18	9.1	12	580	240	340
18	---	---	---	---	---	---	14	7.4	9.6	290	150	180
19	---	---	---	---	---	---	12	5.7	8.5	150	110	130
20	---	---	---	---	---	---	13	4.3	6.7	110	74	92
21	---	---	---	---	---	---	12	6.6	8.0	75	41	58
22	470	18	26	---	---	---	11	4.3	6.2	42	25	34
23	490	43	87	13	3.6	6.6	8.5	3.7	5.5	27	20	24
24	140	46	70	11	3.5	5.7	7.6	3.1	4.7	24	16	19
25	62	21	34	16	2.9	6.0	9.9	3.3	5.0	18	13	16
26	330	26	120	270	11	86	28	5.0	14	21	12	13
27	660	34	52	96	20	36	34	9.3	21	260	17	21
28	410	150	220	360	21	210	11	4.5	7.1	290	110	210
29	240	61	94	110	22	41	9.0	3.7	5.3	110	69	92
30	67	29	44	110	27	52	6.8	3.2	4.5	73	38	57
31	---	---	---	47	16	32	8.5	2.9	4.7	---	---	---
MAX	---	---	---	---	---	---	590	100	340	920	240	340
MIN	---	---	---	---	---	---	6.8	2.9	4.5	9.8	4.4	6.2