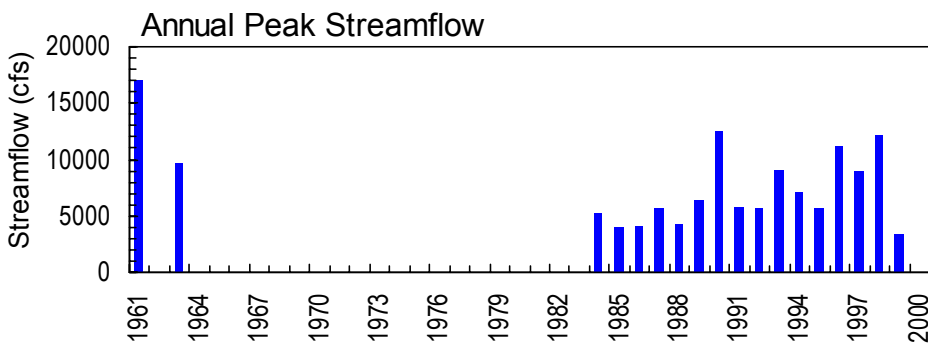
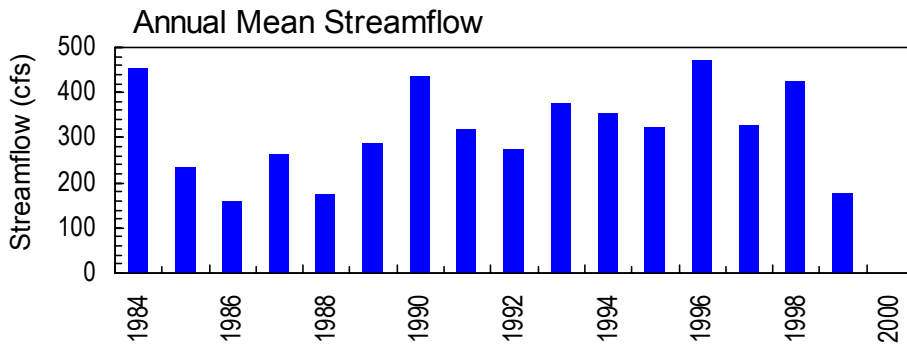
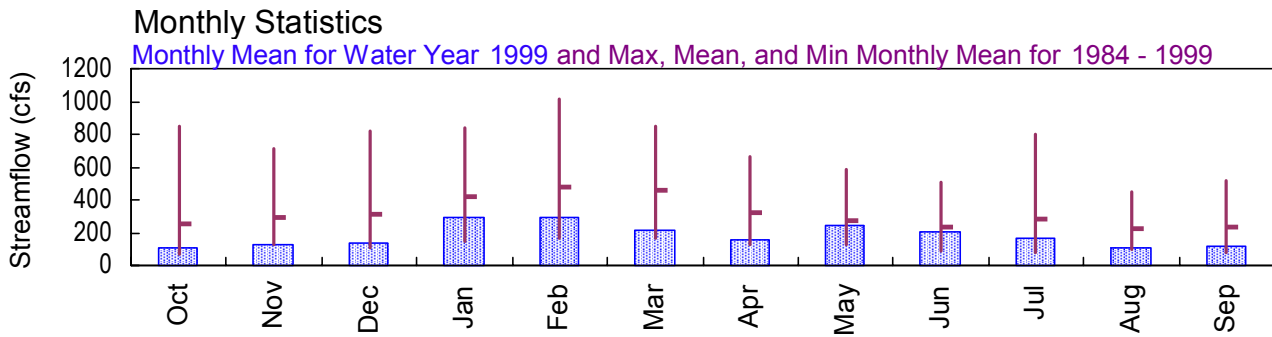
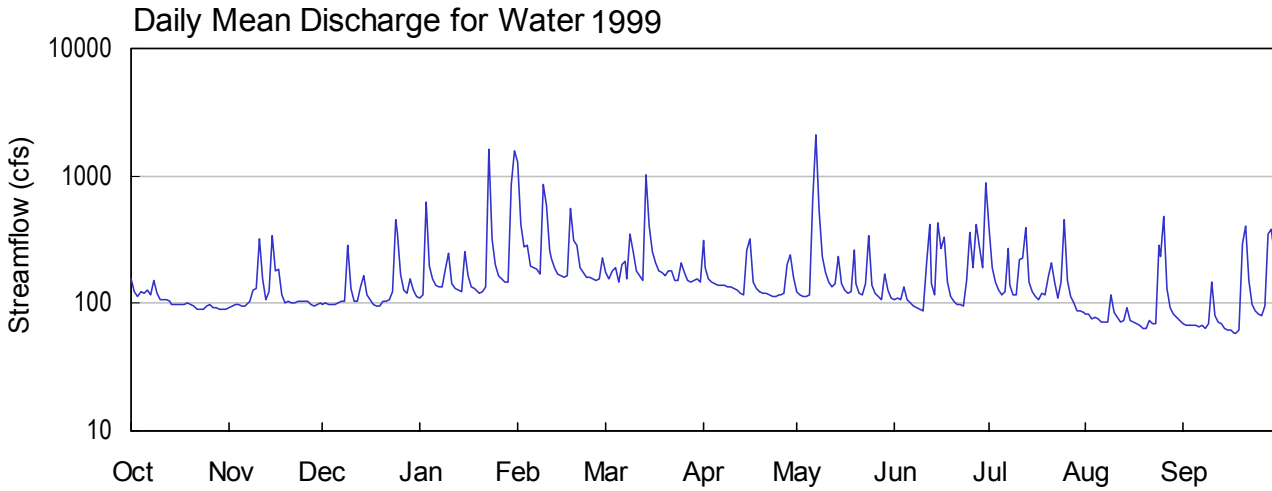


ALTAMAHA RIVER BASIN  
SOUTH RIVER NEAR LITHONIA, GA.

02204070

Latitude: 33° 37' 47" Longitude: 84° 07' 43" Hydrologic Unit Code: 03070103 De Kalb County  
Drainage Area: 182.00 mi<sup>2</sup> Datum: 660.9 feet Period of Record: 1984 - 1999



02204070 South River @ Klondike Rd near Lithonia, GA

**ALTAMAHA RIVER BASIN  
1999 Water Years**

**02204070 SOUTH RIVER AT KLONDIKE ROAD NEAR LITHONIA, GA**

**LOCATION.**--Lat 33°37'47", long 84°07'43", DeKalb-Rockdale County line, Hydrologic Unit 03070103, at downstream end of pier of bridge on Klondike Road, 1.1 miles south of State Highway 212, 1.2 miles downstream from Pole Bridge Creek, 5.8 miles southwest of Lithonia, and 8.6 miles downstream from Snapfinger Creek.

**DRAINAGE AREA.**--182 mi<sup>2</sup>.

**WATER-DISCHARGE RECORDS**

**PERIOD OF RECORD.**--October 1983 to current year.

**GAGE.**--Water-stage recorder and crest-stage gage. Datum of gage is 660.90 feet above sea level (levels from DeKalb County benchmark).

**REMARKS.**--Records good, except those for the period Feb. 11-12, which are fair. Streamflow includes some water diverted from the Chattahoochee River by DeKalb County and City of Atlanta for municipal supply.

**EXTREMES OUTSIDE PERIOD OF RECORD.**--Flood of April 30, 1963 reached a stage of 11.80 feet, discharge 9,630 ft<sup>3</sup>/s.

**PEAK DISCHARGES FOR CURRENT YEAR.**--Peak discharges greater than base discharge of 4,000 ft<sup>3</sup>/s and the maximum (\*).

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE HEIGHT (ft)
May 7	1015	3,470*	8.49*

No other peaks greater than base discharge

**ALTAMAHA RIVER BASIN  
1998 and 1999 Water Years**

**02204070 SOUTH RIVER AT KLONDIKE ROAD NEAR LITHONIA, GA--continued**

**LOCATION.**--Lat 33°37'47", long 84°07'43", DeKalb-Rockdale County line, Hydrologic Unit 03070103, at downstream end of pier of bridge on Klondike Road, 1.1 miles south of State Highway 212, 1.2 miles downstream from Pole Bridge Creek, 5.8 miles southwest of Lithonia, and 8.6 miles downstream from Snapfinger Creek.

**DRAINAGE AREA.**--182 mi<sup>2</sup>.

**WATER-QUALITY RECORDS**

**PERIOD OF RECORD.**—November 1983 to current year.

**PERIOD OF DAILY RECORD.**—

**WATER TEMPERATURE:** November 1983 to current year.

**DISSOLVED OXYGEN:** November 1983 to current year.

**INSTRUMENTATION.**—Water quality monitor.

**EXTREMES FOR PERIOD OF DAILY RECORD.**—

**WATER TEMPERATURE:** Maximum recorded, 30.5 °C July 25, 1995; minimum recorded, 0.5 °C January 21, 1985.

**DISSOLVED OXYGEN:** Maximum recorded, 13.2 mg/L, Jan. 8, 1988; minimum recorded, 0.7 mg/L Mar. 13, 1986

**EXTREMES FOR 1998 WATER YEAR.**—

**WATER TEMPERATURE:** Maximum, 28.5 °C Jun. 23, 29, 30, July 10, 19; minimum, 5.5 °C Jan. 2.

**DISSOLVED OXYGEN:** Maximum, 11.5 mg/L Jan. 2; minimum, 4.2 mg/L May 30.

**EXTREMES FOR 1999 WATER YEAR.**—

**WATER TEMPERATURE:** Maximum, 29.5 °C Jul. 31, Aug. 2, 3; minimum, 3.0 °C Jan. 6.

**DISSOLVED OXYGEN:** Maximum, 11.7 mg/L Jan. 5, 6; minimum, 5.2 mg/L Jul. 25.

STATION NUMBER 02204070 SOUTH RIVER AT KLONDIKE ROAD NEAR LITHONIA, GA. STREAM SOURCE AGENCY USGS  
 LATITUDE 333747 LONGITUDE 0840743 DRAINAGE AREA 182.00 DATUM 660.90 STATE 13 COUNTY 089

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999  
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	155	93	99	111	1270	174	314	125	106	392	82	69
2	125	95	101	117	412	156	190	117	110	189	82	68
3	114	98	99	630	276	179	155	114	107	148	76	68
4	122	99	99	194	285	189	148	112	134	129	77	67
5	121	94	99	157	199	147	142	115	108	116	76	68
6	126	95	102	137	189	201	137	647	101	123	71	65
7	117	97	104	133	183	216	137	2110	96	267	72	67
8	150	103	103	133	169	157	137	537	93	138	72	64
9	121	129	284	186	852	346	135	235	91	116	115	69
10	106	130	130	250	581	252	133	177	88	115	86	147
11	108	321	104	144	e265	180	132	147	207	221	77	79
12	108	156	105	130	e225	167	129	134	415	230	71	72
13	103	108	133	126	190	153	119	141	144	396	74	69
14	99	122	165	125	172	1030	117	233	117	146	92	64
15	97	342	117	253	164	400	263	141	426	122	74	62
16	97	178	107	165	161	251	319	128	272	114	72	61
17	97	185	99	136	164	205	145	120	327	108	69	58
18	98	116	96	130	549	182	132	122	149	119	68	59
19	100	102	95	126	314	173	122	265	114	118	64	61
20	97	104	105	121	283	165	121	141	104	160	64	296
21	96	101	104	122	193	181	121	120	99	209	73	408
22	91	102	106	135	173	182	116	115	97	148	69	152
23	90	103	122	1620	162	153	114	141	95	110	69	97
24	91	103	450	321	160	152	114	340	150	146	282	87
25	95	104	364	203	157	209	115	139	358	451	235	83
26	97	105	172	167	153	174	117	120	193	151	474	81
27	92	99	127	154	155	153	119	112	422	112	132	94
28	92	96	120	146	225	149	200	108	281	100	93	350
29	90	99	157	147	---	151	242	171	190	88	83	379
30	91	101	128	848	---	155	162	127	871	87	78	239
31	90	---	113	1580	---	146	---	110	---	84	73	---



STATION NUMBER 02204070 SOUTH RIVER AT KLONDIKE ROAD NEAR LITHONIA, GA. STREAM SOURCE AGENCY USGS  
 LATITUDE 333747 LONGITUDE 0840743 DRAINAGE AREA 182.00 DATUM 660.90 STATE 13 COUNTY 089

## OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	6.4	6.2	---	---	8.8	8.4	11.4	11.0	10.6	10.3	9.7	9.3
2	6.7	6.2	---	---	9.4	8.8	11.5	11.1	10.5	10.2	10.0	9.4
3	7.7	6.5	---	---	9.3	9.0	11.3	10.8	10.8	10.1	10.7	9.8
4	8.3	7.4	---	---	9.1	8.7	10.9	10.2	10.5	10.1	11.0	10.5
5	---	---	---	---	9.7	8.8	10.3	9.6	10.3	10.1	10.6	10.1
6	---	---	---	---	10.3	9.7	9.6	9.2	10.3	9.9	10.4	10.1
7	---	---	---	---	10.6	10.3	9.2	8.5	10.0	9.8	10.6	10.2
8	---	---	---	---	10.6	10.4	8.7	8.0	10.0	9.8	10.5	9.8
9	---	---	---	---	10.6	10.4	9.4	8.7	10.1	9.8	10.2	9.8
10	---	---	9.2	8.9	10.4	9.9	10.0	9.4	10.2	9.9	10.3	9.8
11	---	---	9.1	8.8	9.9	9.8	10.2	10.0	10.1	9.6	10.7	10.0
12	---	---	9.1	8.9	10.1	9.8	10.1	10.0	9.8	9.5	10.9	10.4
13	---	---	9.1	8.6	10.1	9.9	10.0	9.6	10.0	9.6	11.0	10.5
14	---	---	9.2	8.8	10.2	9.9	9.7	9.5	10.3	9.9	10.6	10.0
15	---	---	9.0	8.8	10.6	10.2	10.6	9.7	10.5	10.0	10.0	9.3
16	---	---	9.1	8.9	10.8	10.4	10.6	10.4	10.6	10.1	9.6	9.1
17	8.4	7.9	9.5	8.9	10.8	10.4	10.5	10.3	10.3	9.7	9.7	9.2
18	8.4	7.8	9.5	8.9	10.7	10.2	10.5	10.2	9.9	9.6	9.9	9.7
19	---	---	9.2	8.3	10.6	10.2	10.7	10.3	10.3	9.9	10.1	9.6
20	---	---	8.7	8.3	10.6	10.1	10.7	10.4	9.9	9.4	9.6	8.9
21	---	---	9.0	8.4	10.3	9.8	10.7	10.4	10.0	9.4	9.7	8.9
22	---	---	---	---	10.0	9.8	10.5	10.2	10.2	9.7	10.3	9.7
23	---	---	---	---	10.0	9.9	10.4	10.0	10.2	9.9	10.1	9.4
24	---	---	---	---	10.3	9.8	10.1	9.9	10.5	10.1	9.7	9.3
25	---	---	9.6	9.2	9.9	9.5	10.4	10.0	10.2	9.8	9.9	9.0
26	8.2	7.5	10.0	9.6	10.1	9.7	10.6	10.3	10.0	9.6	9.6	8.5
27	7.9	7.5	9.8	9.3	10.3	9.9	11.0	10.4	9.6	9.1	9.8	8.3
28	8.7	7.9	9.6	9.3	10.7	10.2	10.7	10.4	9.4	9.1	10.0	8.0
29	8.7	8.2	9.4	9.0	10.8	10.7	10.5	10.3	---	---	10.2	8.2
30	8.4	8.0	9.1	8.4	10.9	10.7	10.3	10.1	---	---	10.4	8.2
31	8.3	8.0	---	---	11.0	10.7	10.4	10.0	---	---	9.6	8.0
MONTH	---	---	---	---	11.0	8.4	11.5	8.0	10.8	9.1	11.0	8.0

STATION NUMBER 02204070 SOUTH RIVER AT KLONDIKE ROAD NEAR LITHONIA, GA. STREAM SOURCE AGENCY USGS  
 LATITUDE 333747 LONGITUDE 0840743 DRAINAGE AREA 182.00 DATUM 660.90 STATE 13 COUNTY 089

## OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	9.3	7.4	8.7	8.2	6.8	6.3	6.8	5.4	7.5	6.5	8.4	5.8
2	8.8	7.3	8.7	8.3	6.7	6.3	7.2	5.4	7.9	6.6	6.9	6.0
3	8.4	7.3	8.7	8.3	6.7	5.9	8.1	6.2	8.2	7.1	7.3	6.6
4	8.7	7.9	8.7	8.2	6.4	5.8	8.3	5.8	8.6	7.3	7.8	7.0
5	8.9	8.4	8.4	8.1	6.8	6.0	8.2	5.7	9.0	7.1	8.2	6.9
6	8.8	8.5	8.3	8.1	6.8	6.5	8.6	5.8	9.4	7.1	8.6	6.9
7	9.0	8.4	8.3	8.0	7.0	6.4	8.5	6.1	9.4	7.1	8.7	6.4
8	8.6	8.0	8.2	7.5	7.8	6.9	7.9	5.6	9.4	6.4	8.5	6.5
9	8.1	7.3	8.0	6.7	8.1	7.4	6.4	5.0	8.5	6.3	9.3	6.1
10	8.6	7.7	7.8	7.6	7.8	7.2	6.1	5.1	6.8	6.5	9.8	6.8
11	9.1	8.5	7.9	7.4	7.7	7.0	5.8	4.8	7.2	6.3	10.5	7.1
12	9.0	8.5	8.0	7.4	7.7	6.8	5.5	4.7	7.3	6.5	10.2	7.1
13	8.8	8.3	8.1	7.6	7.6	6.4	6.7	5.2	7.5	6.3	10.0	6.8
14	8.6	8.2	8.0	7.3	7.6	6.3	7.0	6.0	7.0	6.3	9.6	6.7
15	8.4	8.0	7.9	7.0	7.4	6.0	7.3	6.3	7.0	6.6	9.1	6.5
16	8.2	8.0	7.7	6.9	6.8	5.2	7.0	6.2	7.1	6.5	8.6	6.5
17	8.1	7.9	7.7	6.9	6.9	5.4	6.7	6.3	6.9	6.5	8.7	6.5
18	8.1	7.7	7.9	6.9	7.1	6.2	6.5	5.7	7.2	6.8	8.1	6.3
19	8.0	7.7	8.0	7.2	7.1	6.2	7.0	5.4	7.1	6.4	8.0	6.6
20	8.1	7.7	7.9	6.9	7.1	6.0	6.7	5.7	6.9	6.4	7.7	6.6
21	8.4	7.8	7.6	6.8	7.0	6.3	6.6	5.8	7.1	6.6	7.1	5.3
22	8.8	8.3	7.6	6.7	7.2	6.3	6.6	5.7	7.2	6.5	6.6	6.2
23	8.7	8.5	7.7	6.6	7.2	6.3	6.8	5.8	7.2	6.4	6.7	6.3
24	8.8	8.3	7.7	6.5	7.5	6.0	7.0	5.8	7.5	6.6	7.1	6.4
25	9.1	8.6	8.1	6.7	7.4	5.9	6.9	5.7	7.7	6.3	7.4	6.6
26	8.9	8.3	8.0	6.8	7.6	5.5	7.4	6.3	8.0	6.3	7.8	6.7
27	8.6	8.1	7.6	6.5	7.7	5.4	7.2	5.3	8.3	6.1	7.7	6.6
28	8.6	8.0	6.9	4.8	7.8	5.1	6.8	5.8	8.4	5.6	7.4	6.5
29	8.9	8.5	7.0	5.9	8.4	5.1	7.0	6.4	8.7	5.5	7.1	6.0
30	8.8	8.3	6.7	4.2	8.2	5.3	7.1	6.4	8.6	5.6	7.0	6.4
31	---	---	6.5	6.3	---	---	7.2	6.4	8.7	5.8	---	---
MONTH	9.3	7.3	8.7	4.2	8.4	5.1	8.6	4.7	9.4	5.5	10.5	5.3

STATION NUMBER 02204070 SOUTH RIVER AT KLONDIKE ROAD NEAR LITHONIA, GA. STREAM SOURCE AGENCY USGS  
 LATITUDE 333747 LONGITUDE 0840743 DRAINAGE AREA 182.00 DATUM 660.90 STATE 13 COUNTY 089

## OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	6.9	6.4	8.9	6.9	9.3	8.4	11.1	10.2	---	---	9.9	8.9
2	7.2	6.5	9.0	7.2	9.6	8.3	10.6	10.4	---	---	10.3	9.1
3	7.4	6.8	8.3	7.0	9.5	8.5	11.5	10.6	---	---	9.6	9.0
4	7.4	6.9	8.5	6.7	9.4	8.6	11.3	10.7	---	---	10.9	9.5
5	7.4	6.7	8.6	7.3	9.2	8.6	11.7	11.1	---	---	11.1	9.9
6	7.1	6.5	9.1	7.4	9.1	8.1	11.7	11.0	---	---	10.8	9.8
7	7.4	6.7	9.6	7.8	8.9	7.9	11.2	10.5	---	---	9.9	9.0
8	7.2	6.7	9.2	8.2	8.3	8.0	10.8	10.1	---	---	10.5	9.1
9	7.7	6.8	8.8	8.1	8.2	7.4	10.1	9.8	---	---	10.1	9.6
10	8.0	7.1	8.4	7.6	9.4	7.8	11.0	10.1	---	---	9.8	9.1
11	8.0	7.1	7.6	6.9	9.5	9.0	11.5	10.5	---	---	9.5	8.7
12	8.1	7.1	8.4	7.2	9.6	9.2	11.4	10.4	---	---	9.7	8.6
13	8.2	7.1	8.4	8.1	9.7	9.3	10.9	10.3	---	---	9.0	8.3
14	8.2	7.1	8.3	7.9	9.8	9.2	10.6	9.9	10.2	9.2	---	---
15	8.3	7.1	8.6	8.1	10.1	9.1	10.5	9.6	10.5	9.8	---	---
16	8.6	7.3	8.2	7.9	10.5	9.6	10.9	9.9	10.3	9.9	---	---
17	8.6	7.4	8.1	7.7	10.3	9.5	10.6	10.1	10.0	9.6	---	---
18	8.7	7.6	8.4	7.7	10.7	9.6	10.2	9.5	9.6	8.4	---	---
19	8.6	7.3	8.5	7.9	10.4	9.8	10.4	9.5	9.4	8.5	10.0	9.1
20	8.4	6.9	8.4	7.9	10.2	9.8	10.6	9.7	9.7	9.1	10.0	8.7
21	8.8	7.1	8.7	7.7	10.1	9.2	10.2	9.7	9.7	9.3	9.5	8.7
22	8.7	7.1	9.2	8.3	9.2	8.6	10.0	9.4	10.5	9.4	10.4	8.8
23	9.2	7.4	8.9	8.7	9.8	9.0	9.4	7.8	10.7	10.2	10.5	8.6
24	9.7	7.7	9.0	8.3	10.7	9.7	9.3	8.8	11.0	10.5	9.9	9.1
25	9.7	7.9	8.9	8.0	10.8	10.5	9.8	9.2	11.1	10.3	9.3	8.7
26	9.5	7.8	8.9	8.0	10.9	10.2	9.8	9.2	10.6	9.8	10.3	8.6
27	9.5	7.5	9.3	8.3	10.6	10.2	9.8	9.2	9.9	9.4	10.3	8.9
28	9.6	7.6	9.5	8.5	10.8	10.4	9.6	9.0	9.5	9.1	10.8	8.9
29	9.4	7.4	9.7	8.6	10.5	10.3	9.3	8.8	---	---	10.4	8.8
30	9.4	7.4	9.7	8.7	10.9	10.1	9.5	8.7	---	---	10.7	8.7
31	8.9	7.2	---	---	11.1	10.3	---	---	---	---	9.9	8.8
MONTH	9.7	6.4	9.7	6.7	11.1	7.4	---	---	---	---	---	---



STATION NUMBER 02204070 SOUTH RIVER AT KLONDIKE ROAD NEAR LITHONIA, GA. STREAM SOURCE AGENCY USGS  
 LATITUDE 333747 LONGITUDE 0840743 DRAINAGE AREA 182.00 DATUM 660.90 STATE 13 COUNTY 089

## OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	9.5	8.5	8.7	8.0	7.7	6.8	7.0	6.0	8.4	5.3	8.6	6.0
2	8.9	8.1	8.6	7.8	8.1	6.9	6.9	6.3	8.2	5.8	9.0	6.1
3	8.8	7.4	8.8	7.4	7.8	6.8	7.0	6.6	7.8	5.7	9.1	6.2
4	8.7	7.2	8.9	7.4	7.6	6.6	6.8	6.6	7.4	5.4	9.1	6.4
5	9.1	6.9	8.1	7.2	7.7	6.5	7.1	6.4	7.6	5.6	9.0	6.2
6	8.8	7.3	7.6	5.9	7.7	6.5	7.4	6.3	7.6	5.5	8.8	6.3
7	9.9	7.6	7.8	6.6	7.7	6.4	6.6	6.3	---	---	8.3	6.2
8	9.1	7.6	---	---	7.9	6.4	7.1	6.2	---	---	8.4	6.3
9	8.6	7.3	---	---	7.7	6.1	7.4	6.2	---	---	8.1	5.8
10	8.3	7.0	---	---	7.9	6.0	8.0	6.0	---	---	6.9	6.3
11	8.1	6.9	---	---	7.6	6.3	7.1	6.2	---	---	7.3	6.0
12	8.1	6.6	---	---	6.8	6.1	6.8	6.4	---	---	7.8	6.2
13	8.6	7.1	---	---	7.0	6.2	7.1	6.0	---	---	7.9	6.1
14	9.5	7.1	---	---	7.1	6.2	7.3	6.9	---	---	8.1	6.3
15	---	---	7.6	7.0	6.8	6.0	7.3	6.8	---	---	8.5	6.6
16	---	---	7.8	7.2	6.9	6.6	7.7	6.6	---	---	8.1	6.5
17	---	---	7.8	7.0	7.1	6.7	8.0	6.4	---	---	8.4	6.1
18	---	---	8.0	6.7	7.2	6.6	8.5	6.6	---	---	9.0	6.4
19	---	---	7.4	7.0	7.3	6.8	8.6	6.4	---	---	8.9	7.0
20	---	---	7.6	7.0	7.5	6.7	7.4	6.3	---	---	8.3	6.6
21	---	---	8.0	7.0	8.1	6.8	6.3	6.0	---	---	7.6	6.6
22	---	---	8.2	7.0	8.4	6.8	6.9	5.8	---	---	7.4	6.5
23	---	---	8.2	7.1	8.3	6.6	7.3	6.0	---	---	7.5	6.1
24	---	---	7.2	6.4	8.0	6.8	7.2	5.5	---	---	7.7	6.2
25	7.1	6.3	7.2	6.5	7.2	6.8	6.1	5.2	---	---	8.3	6.2
26	7.6	6.9	7.3	6.8	7.0	6.6	6.4	6.0	---	---	8.7	6.6
27	8.0	7.1	7.8	6.8	7.3	6.7	6.9	5.9	---	---	8.4	7.4
28	7.4	6.9	8.2	6.8	7.1	7.0	7.6	5.6	---	---	---	---
29	7.9	7.0	7.7	6.9	7.2	6.6	8.0	5.5	6.7	5.7	---	---
30	8.5	7.8	7.7	7.0	6.9	5.8	8.1	5.5	7.2	5.8	7.1	6.5
31	---	---	7.7	6.8	---	---	8.4	5.4	8.0	5.8	---	---
MONTH	---	---	---	---	8.4	5.8	8.6	5.2	---	---	---	---

STATION NUMBER 02204070 SOUTH RIVER AT KLONDIKE ROAD NEAR LITHONIA, GA. STREAM SOURCE AGENCY USGS  
 LATITUDE 333747 LONGITUDE 0840743 DRAINAGE AREA 182.00 DATUM 660.90 STATE 13 COUNTY 089

## TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	20.5	18.5	15.0	14.0	14.5	13.0	7.5	6.5	9.5	8.5	15.0	13.5
2	20.0	18.0	16.0	15.0	13.0	12.0	7.5	5.5	9.5	9.0	13.5	11.5
3	19.5	17.5	15.0	14.0	13.0	11.5	9.0	6.5	9.0	8.5	11.5	10.0
4	19.5	17.5	14.5	13.0	13.5	13.0	10.5	8.0	9.0	6.5	11.5	9.0
5	20.0	18.0	13.5	12.0	13.0	10.5	12.5	10.0	7.0	6.5	11.5	10.5
6	21.0	18.5	13.0	12.0	10.5	8.5	14.0	12.5	8.5	7.0	11.0	11.0
7	21.5	19.5	13.0	12.0	8.5	7.5	16.0	14.0	9.0	8.5	11.0	10.0
8	22.0	20.0	13.0	12.0	8.0	7.0	16.5	15.0	10.0	9.0	13.0	10.5
9	21.5	20.0	13.5	11.5	8.5	7.5	15.0	12.5	10.5	9.0	14.0	11.0
10	22.0	20.0	13.5	12.0	10.5	8.0	12.5	10.5	10.5	9.0	11.0	9.5
11	22.0	20.5	13.5	12.0	10.5	9.5	11.0	10.0	11.5	10.0	9.5	8.5
12	21.5	20.0	13.0	12.0	10.0	9.5	11.0	10.0	12.0	11.0	9.5	8.0
13	22.0	20.5	12.5	11.0	10.0	9.5	12.5	10.5	11.5	10.0	9.5	7.5
14	21.5	20.0	11.5	10.5	10.0	9.0	12.0	11.5	11.0	9.5	11.0	8.5
15	20.0	19.0	11.5	11.0	9.0	8.0	11.5	8.5	10.5	9.5	13.0	10.5
16	19.0	17.5	11.0	10.0	8.5	7.0	8.5	8.5	9.5	9.0	14.0	12.5
17	18.5	17.0	10.0	8.5	8.5	7.0	10.0	8.5	11.0	9.5	13.0	11.0
18	18.0	17.0	9.5	8.0	9.5	7.5	9.5	8.5	11.0	10.5	11.0	10.5
19	18.5	17.0	11.0	9.0	9.5	8.0	9.0	8.0	11.0	9.5	13.0	10.5
20	18.0	16.0	11.0	9.0	10.5	8.0	9.0	8.0	12.5	11.0	15.5	13.0
21	17.5	16.0	12.0	10.5	11.5	9.0	9.5	8.5	12.5	11.0	14.5	11.0
22	17.5	16.0	12.5	11.5	11.0	10.0	10.0	9.0	11.5	9.5	12.5	10.0
23	16.0	14.0	13.0	11.5	11.0	10.5	10.5	9.0	10.0	9.5	12.5	11.0
24	15.5	14.0	11.5	10.5	11.0	10.0	11.0	10.0	11.5	9.0	12.5	12.0
25	17.5	14.5	11.0	9.5	11.0	10.0	10.0	9.0	13.0	10.5	15.0	12.0
26	18.5	17.5	11.0	9.0	11.0	10.0	9.5	8.0	13.5	11.5	17.0	14.0
27	18.5	15.5	12.0	10.5	10.5	9.0	9.0	7.5	14.0	13.0	18.0	15.5
28	15.5	14.0	12.5	11.0	9.0	7.5	9.0	8.0	15.0	14.0	19.0	16.5
29	15.0	13.5	13.0	11.5	8.0	7.5	10.0	8.5	---	---	19.0	17.0
30	15.0	13.5	13.5	12.5	8.0	7.5	10.5	9.0	---	---	19.5	17.0
31	14.5	13.5	---	---	8.5	7.5	10.0	9.0	---	---	19.0	18.0
MONTH	22.0	13.5	16.0	8.0	14.5	7.0	16.5	5.5	15.0	6.5	19.5	7.5

STATION NUMBER 02204070 SOUTH RIVER AT KLONDIKE ROAD NEAR LITHONIA, GA. STREAM SOURCE AGENCY USGS  
 LATITUDE 333747 LONGITUDE 0840743 DRAINAGE AREA 182.00 DATUM 660.90 STATE 13 COUNTY 089

## TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	20.0	18.0	17.0	16.5	26.0	23.0	28.0	25.5	27.0	25.0	26.5	25.0
2	19.0	16.5	18.5	16.0	26.5	23.5	26.5	25.0	27.0	24.5	26.0	24.0
3	17.5	15.5	17.5	16.5	27.0	24.0	27.0	24.5	26.0	23.5	24.5	23.0
4	15.5	14.0	18.0	16.5	26.0	24.0	27.5	25.0	25.5	23.0	25.0	22.0
5	15.0	13.0	19.0	16.5	25.0	23.5	28.0	25.0	26.0	23.5	25.5	22.5
6	16.0	14.0	19.5	17.0	24.0	22.5	27.5	25.5	26.5	23.5	26.0	23.5
7	17.0	14.5	19.5	18.0	23.5	21.0	27.5	25.0	26.0	24.0	26.5	24.0
8	17.0	16.0	21.5	18.5	23.0	20.0	27.5	25.5	26.0	24.0	26.5	24.5
9	18.5	17.0	21.0	19.5	23.0	20.0	28.0	25.5	26.0	24.5	26.0	23.0
10	17.5	14.0	21.0	19.5	24.5	21.5	28.5	26.0	26.5	24.0	24.0	21.0
11	15.5	13.0	21.5	19.5	25.0	22.5	28.0	26.0	27.0	24.5	23.0	20.5
12	16.5	14.0	21.5	19.0	26.0	23.0	28.0	26.0	26.5	24.5	22.5	20.5
13	16.5	14.5	22.0	19.0	26.5	24.0	26.5	25.0	26.5	24.5	23.5	21.0
14	16.0	15.0	23.0	20.0	26.5	24.0	26.0	24.5	26.5	24.5	24.0	21.5
15	17.0	15.0	23.5	20.5	27.0	24.0	27.5	24.5	26.0	24.5	24.5	22.0
16	17.0	16.5	23.5	21.5	26.5	24.0	27.5	25.5	26.0	24.5	24.5	22.5
17	19.0	17.0	24.5	21.5	26.0	23.0	27.5	25.0	25.5	24.5	25.0	23.0
18	19.0	18.0	24.5	22.0	26.0	23.5	28.0	25.5	26.5	24.5	25.0	23.0
19	18.5	16.5	24.5	21.5	25.5	23.0	28.5	26.0	27.0	24.5	24.0	23.0
20	17.5	16.0	24.5	21.5	25.5	22.5	28.0	25.0	26.5	24.5	24.5	23.0
21	17.5	16.0	24.5	21.5	26.5	23.0	28.0	25.0	26.0	23.5	24.5	23.5
22	16.5	15.5	24.5	22.0	27.5	24.0	28.0	25.5	26.0	23.0	25.5	23.5
23	16.5	15.0	25.0	22.5	27.5	24.5	28.0	25.5	25.5	23.0	25.0	23.5
24	17.0	14.5	25.0	23.0	28.0	25.0	28.0	25.5	26.0	23.0	25.0	23.0
25	17.5	15.0	25.0	23.0	28.0	25.0	27.5	25.5	26.5	23.5	24.0	22.0
26	18.5	15.5	25.5	22.5	28.0	25.5	27.0	25.0	27.0	24.0	23.5	21.5
27	18.5	16.5	25.0	23.0	28.0	25.5	26.5	24.5	27.5	25.0	24.0	22.0
28	17.5	16.0	25.0	23.0	28.5	25.5	26.0	24.5	27.0	25.0	24.0	23.0
29	16.0	15.0	25.5	23.0	28.5	25.5	27.0	25.0	27.0	24.5	24.0	22.5
30	16.5	16.0	24.0	22.5	28.5	25.5	27.0	25.0	27.0	25.0	23.0	22.5
31	---	---	25.0	22.5	---	---	26.5	25.5	27.0	25.0	---	---
MONTH	20.0	13.0	25.5	16.0	28.5	20.0	28.5	24.5	27.5	23.0	26.5	20.5

STATION NUMBER 02204070 SOUTH RIVER AT KLONDIKE ROAD NEAR LITHONIA, GA. STREAM SOURCE AGENCY USGS  
 LATITUDE 333747 LONGITUDE 0840743 DRAINAGE AREA 182.00 DATUM 660.90 STATE 13 COUNTY 089

## TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	24.5	22.5	18.5	17.0	15.0	13.5	10.0	8.0	---	---	14.0	12.0
2	24.0	22.0	18.5	17.0	15.0	13.5	10.0	8.5	---	---	14.0	11.0
3	23.0	21.0	19.5	18.5	15.5	14.0	8.5	5.5	---	---	14.0	11.5
4	23.5	21.5	19.5	17.5	15.5	14.0	6.0	5.0	---	---	11.5	9.5
5	24.0	22.5	17.5	16.0	16.5	14.5	5.0	3.5	---	---	12.0	9.0
6	24.0	22.5	16.0	14.0	17.0	15.5	6.0	3.0	---	---	13.5	10.0
7	24.0	22.0	14.5	12.5	17.5	16.0	8.0	6.0	---	---	13.5	11.5
8	23.5	22.5	14.5	12.5	18.0	17.0	10.5	8.0	---	---	12.5	10.5
9	22.5	20.0	16.0	14.0	18.0	16.0	10.5	9.5	---	---	11.0	8.0
10	21.0	18.5	17.5	15.5	16.0	14.0	9.5	7.5	---	---	11.0	8.0
11	20.5	18.0	17.5	16.0	14.0	13.5	8.0	6.0	---	---	12.5	9.5
12	20.5	18.5	16.0	14.5	14.0	13.0	9.0	6.5	---	---	13.0	10.0
13	20.5	18.5	15.5	14.0	13.5	13.0	10.0	8.0	---	---	12.5	11.0
14	20.0	18.5	15.5	15.0	13.0	12.5	12.0	9.5	10.5	8.5	---	---
15	19.5	17.5	15.5	15.0	12.5	11.0	12.0	10.0	10.5	8.0	---	---
16	19.0	17.0	16.5	15.5	11.5	10.0	10.0	9.0	11.5	8.5	---	---
17	19.5	17.5	17.5	16.5	11.0	9.5	11.0	8.5	13.5	10.5	---	---
18	20.0	18.0	16.5	15.0	10.5	8.5	13.0	11.0	13.5	13.0	---	---
19	21.0	19.0	16.0	15.0	10.5	9.0	12.5	10.5	13.0	12.0	16.5	13.5
20	21.0	20.0	17.0	15.5	12.5	10.5	12.0	10.0	12.0	10.5	16.5	14.0
21	20.5	19.0	16.5	14.5	15.0	12.5	13.5	11.0	12.0	11.0	16.0	14.5
22	20.0	17.5	15.0	13.0	15.0	14.0	15.0	12.5	11.0	9.0	15.5	13.0
23	17.5	15.0	14.5	13.5	14.0	11.0	15.0	14.5	10.0	8.5	15.5	12.5
24	16.0	14.0	16.5	14.5	11.0	8.0	14.5	13.0	10.0	8.0	15.0	13.0
25	16.0	14.0	16.5	15.0	9.0	8.0	13.0	11.5	11.0	8.0	14.5	13.5
26	16.5	14.5	16.5	15.0	9.5	8.5	12.5	11.0	12.5	9.5	15.0	12.5
27	17.0	15.0	15.5	13.5	9.5	8.0	13.0	11.0	13.0	11.0	15.0	12.0
28	17.0	15.5	14.5	12.5	10.0	8.5	13.5	11.5	14.5	12.5	15.5	12.0
29	17.5	15.5	14.0	12.0	10.5	9.5	14.5	12.5	---	---	15.5	13.5
30	18.5	16.5	14.5	12.5	10.0	9.0	14.5	13.0	---	---	15.0	13.5
31	18.5	17.0	---	---	9.5	8.5	---	---	---	---	14.5	14.0
MONTH	24.5	14.0	19.5	12.0	18.0	8.0	---	---	---	---	---	---

STATION NUMBER 02204070 SOUTH RIVER AT KLONDIKE ROAD NEAR LITHONIA, GA. STREAM SOURCE AGENCY USGS  
 LATITUDE 333747 LONGITUDE 0840743 DRAINAGE AREA 182.00 DATUM 660.90 STATE 13 COUNTY 089

## TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	15.5	14.0	17.5	14.0	23.5	21.5	25.0	24.0	29.0	27.0	25.5	23.5
2	19.0	15.0	19.0	15.0	24.5	22.0	24.5	24.0	29.5	27.0	25.5	23.5
3	21.0	17.5	20.0	16.0	25.0	22.5	27.0	23.5	29.5	27.0	25.5	24.0
4	20.5	19.0	21.0	17.0	25.5	22.5	27.5	24.5	28.0	26.0	26.0	24.5
5	22.0	18.5	21.0	18.5	25.5	23.0	28.0	25.0	28.0	26.0	26.5	24.5
6	21.5	19.5	20.0	18.5	25.5	23.5	28.0	25.5	28.0	26.0	26.5	25.0
7	21.5	18.5	19.0	18.0	26.0	23.5	26.5	24.5	27.5	26.0	26.5	25.0
8	21.5	19.0	21.0	17.5	26.5	23.5	27.5	24.0	27.5	26.0	26.0	25.0
9	21.5	20.0	21.5	18.0	26.0	23.5	28.0	25.0	27.5	25.0	26.0	24.5
10	21.5	20.0	22.5	18.5	26.0	24.5	27.5	25.0	27.5	25.0	24.5	23.0
11	22.0	20.0	22.5	19.5	26.0	22.5	27.0	24.5	28.0	26.0	24.5	22.0
12	21.5	19.5	22.5	20.0	24.5	22.5	24.5	23.0	28.5	26.5	24.5	22.5
13	20.5	17.5	22.0	20.5	25.5	22.5	23.0	22.0	28.5	27.0	24.5	22.5
14	20.0	17.0	21.0	19.0	25.5	23.0	24.5	21.5	28.5	26.0	24.5	23.0
15	19.5	17.0	21.5	19.0	25.0	23.5	24.5	22.5	28.0	26.0	24.5	23.5
16	19.0	17.0	22.0	19.0	24.5	23.0	26.0	23.0	28.0	26.0	24.5	22.5
17	17.5	15.5	23.0	19.5	24.5	22.5	26.0	23.5	28.0	26.5	23.0	21.0
18	17.0	14.0	22.5	20.0	24.0	22.0	27.0	23.5	28.0	26.5	22.5	21.0
19	17.5	14.0	22.5	20.0	24.0	21.5	27.0	24.0	28.0	26.5	22.5	21.5
20	19.5	15.5	23.0	20.0	24.0	21.5	27.0	24.5	28.0	26.5	22.5	20.0
21	20.5	16.5	23.0	20.0	24.0	21.0	27.5	25.0	27.5	26.0	21.5	20.0
22	21.5	18.0	23.0	20.5	24.5	21.5	28.0	25.0	27.0	25.0	21.5	20.0
23	22.0	18.5	23.0	20.5	24.5	22.0	29.0	26.0	26.5	25.5	21.0	19.0
24	23.0	20.0	23.5	21.5	23.0	22.0	29.0	25.5	26.5	24.0	21.0	19.0
25	23.0	19.5	23.5	20.5	24.5	22.0	27.5	25.0	25.0	23.5	21.5	19.0
26	19.5	18.5	23.0	20.5	24.5	23.5	29.0	25.5	25.5	24.0	22.0	19.5
27	20.5	18.0	23.5	20.5	24.0	23.5	29.0	25.5	27.0	24.0	22.5	21.5
28	20.5	19.0	23.0	20.5	24.0	23.5	29.0	26.0	26.5	24.5	22.5	22.0
29	19.5	16.0	23.0	20.0	25.0	23.5	29.0	26.0	26.5	24.5	23.5	22.5
30	16.0	14.5	23.5	20.5	25.5	24.0	29.0	26.0	26.5	25.0	22.5	20.5
31	---	---	24.0	21.5	---	---	29.5	27.0	26.5	24.5	---	---
MONTH	23.0	14.0	24.0	14.0	26.5	21.0	29.5	21.5	29.5	23.5	26.5	19.0