

ALTAMAHA RIVER BASIN
2004 Water Year

02204070 SOUTH RIVER AT KLONDIKE ROAD, NEAR LITHONIA, GA

LOCATION.—Lat 33°37'47", long 84°07'43" referenced to North American Datum (NAD) of 1927, DeKalb-Rockdale County line, Hydrologic Unit 03070103, at downstream end of bridge pier on Klondike Road, 1.1 miles south of GA 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 square miles.

COOPERATION.—Georgia Environmental Protection Division.

PERIOD OF RECORD.—July 1975 to current year.

CONTINUOUS WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: December 1999 to current year.

pH: March 2001 to current year.

WATER TEMPERATURE: November 1983 to current year.

DISSOLVED OXYGEN: November 1983 to current year.

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

REMARKS.—Records good, except for dissolved oxygen, which are fair.

EXTREMES FOR PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: Maximum recorded, 496 microsiemens, August 16, 2002; minimum recorded, 29 microsiemens, December 24, 2002.

pH: Maximum recorded, 8.3 units, July 25, 2004; minimum recorded, 6.3 units, September 17, 2004.

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, January 8, 1988; minimum recorded, 0.1 mg/L, March 30, 2002.

EXTREMES FOR CURRENT YEAR.—

SPECIFIC CONDUCTANCE: Maximum recorded, 346 microsiemens, June 7; minimum recorded, 40 microsiemens, September 17.

pH: Maximum recorded, 8.3 units, July 25; minimum recorded, 6.3 units, September 17.

WATER TEMPERATURE: Maximum recorded, 27.9 °C, July 25, August 2; minimum recorded, 5.0 °C, February 3.

DISSOLVED OXYGEN: Maximum recorded, 12.6 mg/L, February 3; minimum recorded, 5.4 mg/L, June 13, September 5.

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

STATION NUMBER 02204070 SOUTH RIVER AT KLONDIKE ROAD, NEAR LITHONIA, GA SOURCE AGENCY USGS STATE 13 COUNTY 089
 LATITUDE 333747 LONGITUDE 0840743 NAD27 DRAINAGE AREA 182.00 CONTRIBUTING DRAINAGE AREA 182 DATUM 660.90 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	268	242	253	269	242	259	223	192	211	245	213	232
2	269	246	261	289	247	268	226	198	214	241	220	232
3	283	258	269	279	256	267	245	217	233	240	218	229
4	289	260	276	276	250	263	235	193	222	243	219	235
5	298	264	283	271	191	255	209	185	195	240	198	231
6	305	266	291	205	74	103	242	195	222	198	108	123
7	304	263	277	181	135	165	262	217	245	198	146	178
8	276	131	215	234	171	212	267	228	253	210	189	203
9	221	145	181	262	216	246	255	227	240	216	---	---
10	254	213	237	274	236	259	250	93	185	200	177	189
11	265	235	251	263	241	251	159	96	122	230	192	217
12	282	238	266	268	243	255	197	159	182	242	213	230
13	289	256	275	276	253	263	219	194	208	228	213	224
14	286	258	269	---	---	---	203	118	152	242	216	231
15	281	255	270	---	---	---	174	132	160	241	226	236
16	285	265	276	---	---	---	199	160	185	248	---	---
17	285	261	275	---	---	---	206	142	181	249	223	240
18	285	261	277	---	---	---	195	156	179	238	155	208
19	284	226	257	---	---	---	210	183	200	203	165	192
20	287	254	271	---	---	---	221	196	209	237	192	221
21	281	252	266	---	---	---	231	202	220	229	210	222
22	282	271	278	---	---	---	237	210	227	239	207	227
23	285	267	277	---	---	---	236	215	229	241	212	230
24	296	267	288	---	---	---	226	132	171	245	218	235
25	303	272	288	---	---	---	197	148	175	239	74	164
26	303	86	255	249	---	---	211	184	202	115	75	89
27	139	80	97	262	225	244	221	196	212	151	115	133
28	192	139	166	235	100	126	228	208	221	171	151	164
29	230	188	215	170	118	153	234	216	226	183	166	174
30	251	210	235	200	170	193	228	191	220	202	167	192
31	267	239	256	---	---	---	225	188	209	213	182	203
MONTH	305	80	253	---	---	---	267	93	204	249	---	---

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 LATITUDE 333747 LONGITUDE 0840743 NAD27 DRAINAGE AREA 182.00 CONTRIBUTING DRAINAGE AREA 182 DATUM 660.90 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	230	190	217	209	182	200	220	180	199	266	203	241
2	230	171	215	209	179	200	225	180	213	206	72	128
3	188	84	106	206	179	200	231	208	222	176	120	155
4	174	131	159	214	196	206	242	202	227	219	162	196
5	199	166	188	217	195	208	247	218	236	249	215	233
6	201	60	151	215	192	204	241	218	231	258	230	250
7	141	64	97	194	173	184	242	221	233	273	244	258
8	155	141	147	215	---	---	242	222	232	284	256	271
9	179	151	174	211	---	---	242	217	232	282	234	269
10	186	178	183	213	184	204	250	213	237	249	171	222
11	194	180	186	220	184	208	247	221	237	267	228	248
12	186	54	105	220	202	213	234	202	215	265	219	249
13	134	77	106	227	199	215	211	81	126	258	106	152
14	145	110	132	240	198	227	163	114	136	193	113	167
15	123	99	115	247	208	228	200	163	188	244	193	223
16	141	99	116	221	202	215	222	199	217	263	233	251
17	162	141	151	222	200	215	235	215	228	278	241	259
18	182	160	167	230	212	222	248	217	237	254	193	222
19	191	172	183	228	209	221	250	217	238	258	193	231
20	188	174	184	226	212	221	240	223	235	263	190	222
21	187	178	184	230	205	220	248	227	237	254	206	233
22	205	180	196	223	---	---	250	232	244	283	227	262
23	213	189	203	239	---	---	258	237	248	253	199	216
24	210	179	197	237	---	---	265	246	255	265	199	235
25	198	179	190	229	---	---	267	230	255	277	259	270
26	---	---	---	230	217	224	263	232	251	289	260	274
27	171	---	---	240	217	231	249	179	206	296	271	283
28	194	171	183	244	208	233	263	200	239	302	283	295
29	209	182	199	246	212	233	277	250	267	312	247	293
30	---	---	---	230	167	216	275	260	268	296	239	269
31	---	---	---	203	166	182	---	---	---	299	150	263
MONTH	---	---	---	247	---	---	277	81	226	312	72	237

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

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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	202	149	176	132	61	103	226	188	207	309	211	293
2	266	196	235	134	79	98	233	215	224	211	74	100
3	292	250	269	171	115	147	240	180	211	187	106	150
4	305	272	291	181	171	177	---	---	---	245	174	216
5	326	293	308	204	177	187	---	---	---	277	221	253
6	335	296	319	227	178	208	---	---	---	296	244	271
7	346	---	---	211	189	199	255	162	218	---	---	---
8	338	210	293	200	115	152	292	237	265	---	---	---
9	287	207	255	227	177	206	308	266	289	164	114	140
10	302	279	289	199	146	165	306	272	288	190	164	177
11	311	266	288	232	184	209	298	275	289	210	183	198
12	332	271	313	239	199	223	301	53	162	246	193	227
13	280	78	189	235	220	228	137	74	105	---	222	---
14	144	78	108	252	218	235	203	137	178	---	---	---
15	195	144	174	262	232	248	239	197	222	288	250	269
16	236	99	143	276	238	259	257	228	244	287	43	216
17	145	64	94	285	252	270	266	249	257	71	40	51
18	178	137	155	293	242	273	---	244	---	138	71	106
19	237	176	211	270	206	239	---	253	---	162	138	150
20	264	228	249	273	250	263	312	275	293	201	162	185
21	280	66	225	292	247	269	302	189	264	215	195	206
22	132	66	98	298	276	288	265	189	247	231	205	217
23	143	115	124	299	270	289	302	---	---	240	206	224
24	145	77	105	300	270	289	300	264	283	245	220	231
25	182	141	167	312	267	295	301	271	287	248	224	238
26	207	170	196	267	64	108	283	156	215	277	233	256
27	234	50	195	166	101	128	291	228	255	270	66	218
28	84	48	64	171	85	122	308	272	291	83	54	63
29	108	50	74	172	119	152	323	279	305	149	83	122
30	153	105	132	188	126	152	321	279	306	182	149	165
31	---	---	---	203	139	179	314	270	284	---	---	---
MONTH	346	---	---	312	61	205	---	---	---	---	---	---

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pH, water, unfiltered, field, standard 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	7.5	7.4	7.5	7.0	7.0	7.0	7.4	7.3	7.3	7.5	7.5	7.5
2	7.5	7.4	7.4	7.0	7.0	7.0	7.4	7.4	7.4	7.5	7.5	7.5
3	7.5	7.4	7.4	7.1	7.0	7.0	7.4	7.4	7.4	7.5	7.5	7.5
4	7.4	7.3	7.4	7.1	7.0	7.1	7.5	7.4	7.4	7.5	7.5	7.5
5	7.5	7.3	7.4	7.1	7.0	7.0	7.5	7.3	7.4	7.5	7.5	7.5
6	7.5	7.3	7.4	7.0	6.6	6.7	7.4	7.3	7.4	7.5	7.2	7.3
7	7.4	7.3	7.4	7.0	6.9	7.0	7.5	7.4	7.4	7.5	7.4	7.5
8	7.4	7.1	7.3	7.0	7.0	7.0	7.5	7.4	7.4	7.5	7.5	7.5
9	7.2	7.1	7.1	7.1	7.0	7.1	7.5	7.4	7.4	7.5	7.5	7.5
10	7.2	7.2	7.2	7.2	7.1	7.2	7.4	7.1	7.4	7.5	7.5	7.5
11	7.2	7.2	7.2	7.2	7.1	7.2	7.3	7.1	7.2	7.5	7.5	7.5
12	7.2	7.2	7.2	7.2	7.1	7.2	7.4	7.3	7.3	7.6	7.5	7.5
13	7.3	7.2	7.2	7.2	7.1	7.2	7.4	7.3	7.4	7.5	7.5	7.5
14	7.3	7.2	7.2	---	---	---	7.4	7.2	7.3	7.6	7.5	7.5
15	7.3	7.2	7.3	---	---	---	7.3	7.2	7.3	7.6	7.5	7.6
16	7.3	7.2	7.3	---	---	---	7.3	7.3	7.3	7.6	7.4	7.5
17	7.2	7.1	7.2	---	---	---	7.4	7.3	7.3	7.5	7.4	7.4
18	7.3	7.1	7.2	---	---	---	7.3	7.3	7.3	7.5	7.4	7.4
19	7.2	7.1	7.2	---	---	---	7.4	7.3	7.3	7.4	7.4	7.4
20	7.3	7.1	7.2	---	---	---	7.4	7.4	7.4	7.4	7.4	7.4
21	7.3	7.1	7.2	---	---	---	7.5	7.4	7.4	7.5	7.4	7.4
22	7.2	7.1	7.2	---	---	---	7.5	7.4	7.4	7.5	7.4	7.4
23	7.3	7.1	7.2	---	---	---	7.5	7.4	7.4	7.4	7.4	7.4
24	7.4	7.1	7.3	---	---	---	7.5	7.3	7.3	7.4	7.4	7.4
25	7.4	7.2	7.3	---	---	---	7.4	7.3	7.4	7.4	6.9	7.3
26	7.3	6.6	7.2	7.4	7.4	7.4	7.5	7.4	7.4	7.1	6.9	7.0
27	6.9	6.6	6.7	7.4	7.4	7.4	7.5	7.4	7.4	7.3	7.1	7.2
28	7.0	6.9	7.0	7.5	7.1	7.2	7.5	7.4	7.5	7.3	7.3	7.3
29	7.1	7.0	7.0	7.3	7.3	7.3	7.5	7.4	7.5	7.3	7.3	7.3
30	7.1	7.0	7.0	7.3	7.3	7.3	7.6	7.5	7.5	7.4	7.3	7.4
31	7.0	7.0	7.0	---	---	---	7.5	7.5	7.5	7.4	7.3	7.4
MAX	7.5	7.4	7.5	---	---	---	7.6	7.5	7.5	7.6	7.5	7.6
MIN	6.9	6.6	6.7	---	---	---	7.3	7.1	7.2	7.1	6.9	7.0

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pH, water, unfiltered, field, standard 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	7.4	7.4	7.4	7.3	7.3	7.3	7.5	7.3	7.4	7.4	7.4	7.4
2	7.4	7.3	7.4	7.3	7.3	7.3	7.4	7.3	7.4	7.4	6.9	7.1
3	7.4	7.1	7.1	7.3	7.3	7.3	7.4	7.3	7.4	7.3	7.2	7.3
4	7.3	7.2	7.3	7.3	7.3	7.3	7.5	7.3	7.4	7.4	7.3	7.4
5	7.3	7.3	7.3	7.3	7.3	7.3	7.5	7.4	7.4	7.4	7.4	7.4
6	7.3	6.9	7.3	7.4	7.3	7.3	7.5	7.4	7.4	7.4	7.3	7.4
7	7.1	6.9	7.0	7.4	7.3	7.3	7.6	7.4	7.5	7.4	7.3	7.4
8	7.2	7.1	7.1	---	---	---	7.5	7.4	7.5	7.4	7.3	7.4
9	7.2	7.2	7.2	7.4	7.3	7.4	7.6	7.4	7.5	7.4	7.3	7.4
10	7.2	7.2	7.2	7.5	7.4	7.4	7.5	7.4	7.4	7.4	7.2	7.4
11	7.2	7.2	7.2	7.5	7.4	7.4	7.5	7.4	7.4	7.5	7.4	7.4
12	7.2	6.9	7.0	7.5	7.4	7.4	7.4	7.4	7.4	7.4	7.3	7.4
13	7.2	7.0	7.1	7.5	7.4	7.4	7.4	6.9	7.1	7.4	6.9	7.1
14	7.2	7.2	7.2	7.6	7.4	7.4	7.3	7.1	7.2	7.2	6.9	7.2
15	7.2	7.2	7.2	7.5	7.4	7.4	7.3	7.3	7.3	7.3	7.2	7.2
16	7.2	7.1	7.2	7.6	7.4	7.4	7.3	7.3	7.3	7.3	7.2	7.3
17	7.3	7.2	7.2	7.7	7.4	7.5	7.3	7.2	7.3	7.4	7.3	7.3
18	7.3	7.3	7.3	7.6	7.4	7.5	7.3	7.2	7.2	7.4	7.2	7.3
19	7.3	7.3	7.3	7.7	7.4	7.5	7.3	7.2	7.3	7.3	7.2	7.3
20	7.3	7.2	7.3	7.7	7.4	7.5	7.3	7.2	7.3	7.4	7.2	7.3
21	7.3	7.3	7.3	7.7	7.4	7.5	7.3	7.3	7.3	7.3	7.2	7.2
22	7.3	7.3	7.3	7.7	7.4	7.5	7.3	7.3	7.3	7.3	7.2	7.3
23	7.3	7.3	7.3	7.7	7.4	7.5	7.5	7.2	7.3	7.4	7.2	7.3
24	7.3	7.3	7.3	7.7	7.4	7.5	7.5	7.4	7.5	7.3	7.2	7.2
25	7.3	7.3	7.3	7.7	7.4	7.6	7.5	7.4	7.5	7.5	7.2	7.4
26	---	---	---	7.7	7.4	7.5	7.5	7.4	7.4	7.6	7.3	7.4
27	---	7.2	---	7.7	7.4	7.5	7.5	7.3	7.4	7.6	7.4	7.4
28	7.3	7.2	7.2	7.7	7.4	7.5	7.4	7.3	7.4	7.6	7.3	7.4
29	7.3	7.2	7.3	7.6	7.4	7.4	7.4	7.3	7.4	7.5	7.3	7.4
30	---	---	---	7.6	7.3	7.4	7.4	7.3	7.4	7.5	7.3	7.3
31	---	---	---	7.3	7.2	7.3	---	---	---	7.5	7.1	7.3
MAX	---	---	---	---	---	---	7.6	7.4	7.5	7.6	7.4	7.4
MIN	---	---	---	---	---	---	7.3	6.9	7.1	7.2	6.9	7.1

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DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	7.3	7.1	7.2	6.9	6.6	6.8	7.3	7.3	7.3	8.0	7.3	7.5
2	7.3	7.3	7.3	7.1	6.7	6.8	7.4	7.3	7.3	7.3	6.9	6.9
3	7.3	7.2	7.3	7.1	6.8	6.9	7.5	7.3	7.4	7.2	7.0	7.1
4	7.3	7.2	7.2	7.1	7.1	7.1	---	---	---	7.2	7.1	7.2
5	7.4	7.2	7.2	7.1	7.1	7.1	---	---	---	7.3	7.2	7.3
6	7.5	7.2	7.3	7.2	7.1	7.2	---	---	---	7.3	7.3	7.3
7	7.5	7.2	7.3	7.2	7.1	7.2	7.3	7.1	7.2	---	---	---
8	7.4	7.3	7.4	7.2	6.8	7.0	7.4	7.3	7.3	---	---	---
9	7.4	7.2	7.4	7.2	7.1	7.1	7.6	7.3	7.4	7.2	7.1	7.1
10	7.5	7.3	7.4	7.2	6.9	7.0	7.6	7.4	7.5	7.2	7.2	7.2
11	7.7	7.4	7.4	7.2	7.1	7.1	7.8	7.4	7.5	7.3	7.2	7.3
12	7.9	7.5	7.6	7.1	7.1	7.1	7.7	6.8	7.1	7.3	7.3	7.3
13	7.9	6.9	7.4	7.1	7.0	7.1	7.1	6.8	7.0	7.4	7.3	7.3
14	7.3	6.9	7.0	7.4	7.0	7.3	7.2	7.1	7.2	---	---	---
15	7.4	7.2	7.4	7.5	7.3	7.3	7.3	7.2	7.3	7.4	7.3	7.3
16	7.6	6.8	7.1	7.6	7.3	7.4	7.4	7.3	7.3	7.4	6.5	7.3
17	7.4	6.8	7.0	7.6	7.3	7.4	7.5	7.4	7.4	6.5	6.3	6.4
18	7.4	7.2	7.4	7.8	7.3	7.5	7.6	7.4	7.5	6.8	6.4	6.7
19	7.6	7.4	7.5	7.7	7.3	7.4	7.8	7.4	7.5	6.9	6.8	6.9
20	7.7	7.5	7.5	7.8	7.3	7.5	8.0	7.4	7.6	7.0	6.9	7.0
21	8.0	6.9	7.5	7.7	7.3	7.5	7.8	7.4	7.5	7.1	7.0	7.1
22	7.0	6.8	6.9	7.9	7.3	7.5	7.7	7.3	7.5	7.1	7.1	7.1
23	7.1	6.9	7.0	8.1	7.4	7.6	7.8	7.4	7.5	7.1	7.1	7.1
24	7.1	6.8	6.9	8.1	7.3	7.6	8.0	7.4	7.6	7.1	7.1	7.1
25	7.1	7.0	7.1	8.3	7.3	7.7	8.0	7.4	7.6	7.1	7.1	7.1
26	7.2	7.1	7.2	7.9	6.7	6.9	7.6	7.3	7.4	7.2	7.1	7.2
27	7.2	6.6	7.2	7.1	7.0	7.1	7.6	7.3	7.4	7.2	6.7	7.2
28	6.8	6.6	6.6	7.2	6.9	7.0	7.7	7.3	7.5	6.7	6.6	6.7
29	6.9	6.6	6.7	7.2	7.0	7.1	7.7	7.3	7.5	7.0	6.7	6.9
30	7.0	6.8	6.9	7.4	7.2	7.2	7.9	7.4	7.5	7.1	7.0	7.0
31	---	---	---	7.3	7.2	7.3	8.1	7.4	7.6	---	---	---
MAX	8.0	7.5	7.6	8.3	7.4	7.7	---	---	---	---	---	---
MIN	6.8	6.6	6.6	6.9	6.6	6.8	---	---	---	---	---	---

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STATION NUMBER 02204070 SOUTH RIVER AT KLONDIKE ROAD, NEAR LITHONIA, GA SOURCE AGENCY USGS STATE 13 COUNTY 089
 LATITUDE 333747 LONGITUDE 0840743 NAD27 DRAINAGE AREA 182.00 CONTRIBUTING DRAINAGE AREA 182 DATUM 660.90 NGVD29

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

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	19.5	17.2	18.3	18.3	16.0	17.0	11.0	9.1	9.9	10.4	8.2	9.0
2	19.4	17.1	17.9	18.5	16.3	17.2	11.2	9.6	10.3	11.3	9.1	10.0
3	18.6	16.3	17.2	18.4	16.4	17.2	10.8	9.7	10.1	13.3	10.6	11.6
4	19.2	16.4	17.5	19.2	17.5	18.2	9.9	8.7	9.4	14.4	12.6	13.3
5	20.2	17.4	18.5	20.6	18.9	19.5	9.4	8.5	8.9	14.9	13.9	14.3
6	20.2	18.7	19.5	21.0	20.3	20.7	10.2	8.9	9.3	14.2	10.0	12.0
7	20.4	19.3	19.8	20.7	19.9	20.4	10.0	8.5	9.1	10.0	7.2	8.4
8	20.4	19.4	19.8	19.9	18.2	18.9	9.9	8.2	8.9	7.2	6.2	6.7
9	20.5	19.2	19.7	18.2	17.1	17.5	10.5	8.4	9.2	7.9	6.8	7.3
10	21.0	19.8	20.3	17.1	15.2	15.8	11.6	10.1	10.7	7.9	7.1	9.4
11	20.8	19.8	20.0	16.0	14.2	15.0	10.9	9.3	10.1	7.9	6.4	7.0
12	21.1	19.5	20.1	17.4	14.7	15.8	9.7	8.4	9.1	8.3	6.3	7.1
13	21.3	19.3	20.1	17.4	15.3	16.3	9.5	8.6	9.0	9.5	7.3	8.2
14	21.3	20.3	20.8	---	---	---	9.0	7.7	8.2	10.8	8.4	9.3
15	20.8	18.3	19.1	---	---	---	9.2	7.9	8.4	11.2	10.3	10.7
16	19.0	16.4	17.3	---	---	---	10.0	8.0	8.8	10.7	---	---
17	18.1	15.7	16.5	---	---	---	10.2	9.0	9.8	9.8	8.5	9.0
18	17.9	15.5	16.5	---	---	---	9.1	7.9	8.6	10.7	9.1	9.9
19	18.2	15.5	16.6	---	---	---	9.3	8.3	8.7	10.5	9.3	10.1
20	18.6	16.0	17.1	---	---	---	8.6	7.4	7.9	9.3	7.6	8.3
21	19.2	16.5	17.6	---	---	---	7.9	6.4	7.0	8.4	6.6	7.5
22	19.2	17.6	18.3	---	---	---	8.4	6.4	7.1	8.7	6.7	7.6
23	19.0	16.9	17.7	---	---	---	9.8	7.3	8.1	8.5	7.1	7.8
24	18.5	16.6	17.5	---	---	---	10.3	9.4	10	9.6	6.7	7.8
25	18.6	16.6	17.5	---	---	---	9.8	8.2	8.9	9.8	8.1	9.2
26	18.6	17.5	18.0	---	---	---	8.7	7.4	7.9	8.1	6.7	7.0
27	18.3	17.7	18.1	13.8	12.0	12.7	9.1	7.2	7.9	8.2	7.0	7.5
28	17.7	15.9	16.6	13.9	12.7	13.4	9.2	7.5	8.2	7.7	6.5	7.1
29	16.8	15.2	15.9	12.7	10.0	11.2	10.3	8.1	9.0	7.1	5.6	6.3
30	17.1	15.0	15.9	10.3	8.9	9.6	11.3	9.9	10.6	8.5	6.3	7.3
31	17.7	15.5	16.4	---	---	---	10.0	8.7	9.3	9.0	7.5	8.1
MONTH	21.3	15.0	18.1	---	---	---	11.6	6.4	9.0	14.9	---	---

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 LATITUDE 333747 LONGITUDE 0840743 NAD27 DRAINAGE AREA 182.00 CONTRIBUTING DRAINAGE AREA 182 DATUM 660.90 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	9.0	7.3	8.0	13.4	10.2	11.4	15.4	13.5	14.3	20.7	18.8	19.5
2	8.4	7.1	7.9	15.4	12.9	14.1	15.8	12.9	14.1	19.9	19.2	19.5
3	7.1	5.0	6.1	16.9	14.8	15.7	17.2	13.7	15.2	19.3	17.5	18.4
4	8.4	6.9	7.5	17.3	15.8	16.4	16.9	14.6	15.7	18.6	15.6	17.0
5	8.3	7.8	8.1	17.1	16.1	16.6	16.8	13.9	15.3	19.8	15.8	17.5
6	8.4	7.7	8.1	18.2	16.8	17.3	17.5	14.1	15.6	21.6	17.6	19.3
7	8.1	7.5	7.9	17.3	15.7	16.6	17.6	14.8	16.2	22.6	18.9	20.5
8	7.9	6.4	7.2	---	---	---	18.3	15.9	16.9	23.3	19.6	21.2
9	8.3	7.2	7.7	---	---	---	19.2	16.2	17.5	23.1	20.5	21.7
10	9.3	7.9	8.5	13.2	11.1	12.2	18.6	16.0	17.3	22.7	20.6	21.7
11	10.2	9.2	9.7	13.6	10.8	12.1	18.1	16.6	17.3	22.5	20.6	21.5
12	10.0	7.4	8.4	14.4	11.7	12.8	18.5	17.1	17.6	22.4	20.7	21.5
13	9.7	7.7	8.7	14.5	12.0	13.1	18.2	14.5	15.9	22.2	21.0	21.5
14	9.9	9.5	9.8	15.4	12.7	13.8	15.0	13.1	14.1	22.3	20.8	21.5
15	10.1	9.5	9.7	16.3	14.6	15.3	16.8	13.1	14.7	23.2	20.6	21.7
16	9.5	8.6	9.0	17.3	15.6	16.3	18.2	14.6	16.2	23.1	21.0	22.0
17	9.3	8.7	9.0	16.7	15.0	15.8	19.4	15.7	17.3	23.2	21.4	22.3
18	10.2	8.2	9.1	15.8	13.8	14.6	20.4	16.8	18.4	22.8	21.3	22.1
19	10.7	8.6	9.6	17.1	13.6	15.1	21.1	17.7	19.2	23.3	21.3	22.2
20	10.6	9.2	10.0	17.8	15.0	16.1	21.1	18.4	19.7	24.2	21.4	22.6
21	12.9	10.6	11.6	17.8	16.5	17.0	20.7	18.7	19.6	25.3	22.2	23.5
22	12.4	10.6	11.5	15.1	---	---	21.3	18.0	19.4	25.1	23.0	23.8
23	11.6	10.5	10.8	14.2	---	---	21.7	18.7	20.1	25.0	22.1	23.4
24	11.4	10.8	11.0	14.9	---	---	22.1	19.1	20.4	24.5	22.2	23.2
25	11.4	10.4	11.1	16.7	---	---	22.5	19.6	20.9	25.1	22.8	24.0
26	---	---	---	18.2	14.7	16.2	22.3	19.3	20.4	25.9	23.3	24.4
27	7.9	---	---	18.7	16.0	17.2	19.6	17.5	18.5	25.8	23.4	24.5
28	10.3	7.4	8.6	19.6	16.4	17.8	19.6	16.5	17.9	25.6	23.3	24.2
29	11.1	8.7	9.7	19.1	17.4	18.0	19.8	16.7	18.0	24.8	23.0	23.6
30	---	---	---	19.1	16.9	17.8	19.7	18.3	18.9	25.1	22.7	23.6
31	---	---	---	17.4	15.4	16.5	---	---	---	25.1	22.4	23.7
MONTH	---	---	---	---	---	---	22.5	12.9	17.4	25.9	15.6	21.8

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 LATITUDE 333747 LONGITUDE 0840743 NAD27 DRAINAGE AREA 182.00 CONTRIBUTING DRAINAGE AREA 182 DATUM 660.90 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	23.0	21.6	22.2	23.7	22.5	23.0	27.5	25.3	26.3	26.3	24.5	25.2
2	23.3	21.2	22.1	23.8	22.7	23.3	27.9	25.6	26.6	24.5	23.0	23.4
3	23.6	21.3	22.3	24.9	23.2	23.9	27.7	24.8	26.4	24.4	23.1	23.6
4	24.8	21.9	23.1	25.8	23.5	24.5	---	---	---	24.5	22.9	23.6
5	24.7	22.0	23.1	26.9	24.0	25.2	---	---	---	24.8	22.9	23.7
6	24.6	22.4	23.4	26.6	24.6	25.6	---	---	---	24.7	23.2	23.7
7	24.6	22.5	23.3	26.7	24.2	25.3	25.7	23.4	24.4	---	---	---
8	23.5	21.9	22.5	26.7	23.5	24.9	25.0	22.3	23.5	---	---	---
9	23.5	22.1	22.7	26.4	24.4	25.3	24.7	22.2	23.3	24.0	22.1	23.0
10	26.0	22.6	23.8	26.4	24.6	25.3	24.6	22.5	23.1	24.6	22.6	23.5
11	26.5	23.8	24.9	27.3	24.5	25.8	24.1	21.9	22.7	24.5	22.8	23.6
12	26.8	24.4	25.5	26.8	25.0	25.9	24.1	22.1	23.0	24.5	22.8	23.5
13	26.4	23.1	24.2	27.6	24.6	25.9	23.8	22.1	22.8	24.2	---	---
14	24.1	23.6	23.8	27.8	25.3	26.6	23.8	21.4	22.5	---	---	---
15	25.1	23.8	24.3	27.5	25.2	26.3	24.3	21.8	22.8	23.4	21.9	22.3
16	25.8	23.8	24.6	27.0	24.2	25.2	24.9	22.9	23.8	23.0	22.0	22.3
17	26.0	24.2	24.9	25.9	24.0	24.7	25.2	23.0	24.0	23.0	22.4	22.8
18	26.5	25.0	25.6	26.7	24.0	25.1	25.5	23.1	24.2	22.7	21.8	22.2
19	27.6	24.8	26.0	26.6	23.9	25.0	25.6	---	---	21.8	20.5	21.2
20	27.2	24.9	26.0	26.4	23.8	25.0	---	23.7	---	20.7	19.5	20.1
21	27.1	24.1	25.2	26.8	23.9	25.2	25.1	24.0	24.5	20.7	18.9	19.8
22	26.0	24.3	24.9	27.0	24.5	25.6	25.8	23.7	24.7	21.0	19.0	19.9
23	---	---	---	27.7	24.8	26.1	25.6	24.7	24.8	21.6	19.2	20.3
24	24.6	23.8	24.2	27.9	25.4	26.6	25.9	24.0	24.9	22.1	20.1	21.0
25	25.5	23.6	24.4	27.9	25.8	26.6	25.9	24.3	24.9	22.3	20.5	21.4
26	24.9	23.9	24.3	26.5	24.2	24.9	25.5	23.3	24.2	22.1	20.5	21.3
27	24.6	23.4	23.9	26.0	24.7	25.2	26.1	23.8	24.8	22.0	20.5	21.0
28	24.0	23.3	23.7	26.0	24.4	25.2	26.4	24.3	25.3	20.9	20.4	20.6
29	24.0	23.0	23.4	25.8	24.5	25.1	26.4	24.6	25.3	21.3	20.6	20.9
30	23.7	22.7	23.4	26.6	24.5	25.4	26.0	24.3	25.1	21.4	19.9	20.6
31	---	---	---	27.4	24.8	25.9	26.3	24.3	25.1	---	---	---
MONTH	---	---	---	27.9	22.5	25.3	---	---	---	---	---	---

