

**SAVANNAH RIVER BASIN
2000 Water Year**

02198840 SAVANNAH RIVER NEAR PORT WENTWORTH, GA

LOCATION.--Lat 32°14'08", long 81°09'05", Effingham County, Hydrologic Unit 03060109, at right downstream fender of bridge on Interstate 95, 1.0 mile downstream from Abercorn Creek, and 6.1 miles north of Port Wentworth.

DRAINAGE AREA.—Not determined.

CONTINUOUS WATER-QUALITY RECORDS

PERIOD OF RECORD.—

SPECIFIC CONDUCTANCE: October 1986 to current year.

WATER TEMPERATURE: October 1999 to September 2000.

INSTRUMENTATION.—Water-stage recorder with a continuous water-quality monitor.

EXTREMES FOR PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: Maximum recorded, 820 microsiemens Aug. 10, 1999; minimum recorded, 30 microsiemens, Aug. 26, 1995.

WATER TEMPERATURE: Maximum, 30.6 °C, Jul. 21, 2000; minimum, 5.1 °C, Jan. 31, 2000.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 2,550 microsiemens Jun. 30; minimum, 73 microsiemens, Jan. 30.

WATER TEMPERATURE: Maximum, 30.6 °C, Jul. 21; minimum, 5.1 °C, Jan. 31.

STATION NUMBER 02198840 SAVANNAH RIVER NEAR PORT WENTWORTH, GA STREAM SOURCE AGENCY USGS
 LATITUDE 321408 LONGITUDE 0810905 DRAINAGE AREA DATUM STATE 13 COUNTY 103
 PROVISIONAL DATA SUBJECT TO REVISION
 SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	120	110	116	122	117	119	147	137	142	128	125	126
2	120	100	113	123	116	118	142	136	138	131	123	125
3	120	110	112	131	118	123	144	135	138	130	122	125
4	120	110	113	150	129	135	146	136	138	129	122	124
5	130	110	123	---	---	---	147	134	137	128	124	126
6	150	120	130	---	---	---	145	133	136	134	125	129
7	150	120	129	154	141	145	150	136	139	132	121	126
8	130	110	123	156	143	148	145	136	138	128	118	121
9	120	110	115	155	144	146	150	137	143	128	118	120
10	130	110	119	150	144	145	149	141	144	126	118	121
11	120	110	118	---	---	---	145	138	141	126	123	124
12	120	110	116	145	142	143	142	137	139	128	124	126
13	117	114	115	147	141	144	140	136	139	131	122	127
14	122	116	118	144	141	143	139	134	137	126	109	118
15	122	118	120	148	141	144	137	131	134	122	109	115
16	124	113	117	145	134	140	---	---	---	118	104	107
17	115	112	114	146	140	143	130	123	125	117	104	108
18	119	113	117	144	136	139	145	122	128	127	114	121
19	121	114	116	153	138	141	179	121	132	195	122	131
20	124	115	118	181	130	145	169	123	131	133	116	126
21	127	118	120	223	143	162	210	124	137	129	112	117
22	144	117	123	380	138	174	237	125	140	185	109	119
23	126	116	120	591	138	187	225	124	138	155	115	126
24	139	114	120	680	136	186	149	124	129	138	125	129
25	145	112	118	408	137	167	155	123	129	125	99	113
26	137	112	119	228	134	150	131	120	123	102	97	99
27	133	117	122	158	134	139	126	121	123	103	98	102
28	133	119	123	145	135	139	128	124	126	105	91	98
29	130	119	123	149	140	143	130	126	127	91	75	81
30	125	120	121	149	141	145	128	124	126	80	73	76
31	123	119	120	---	---	---	127	125	126	89	80	84
MONTH	150	100	119	---	---	---	---	---	---	195	73	116

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 LATITUDE 321408 LONGITUDE 0810905 DRAINAGE AREA DATUM STATE 13 COUNTY 103
 PROVISIONAL DATA SUBJECT TO REVISION
 SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	95	89	93	130	126	128	115	111	113	197	137	154
2	103	94	99	135	125	130	116	109	112	215	136	157
3	105	99	102	141	130	133	125	115	118	302	137	168
4	99	95	97	138	126	130	126	117	120	384	135	173
5	98	93	96	136	124	128	135	119	125	288	136	158
6	100	94	98	131	119	123	137	124	128	270	137	153
7	108	99	103	131	121	124	137	127	130	236	139	151
8	115	107	112	129	121	125	137	120	126	212	140	150
9	115	111	112	128	117	121	124	119	121	174	140	146
10	117	112	115	123	117	120	126	120	123	154	138	144
11	118	115	117	124	117	120	130	120	125	155	138	143
12	121	113	116	122	118	121	139	124	131	163	138	144
13	124	117	122	123	119	121	137	130	133	166	133	143
14	125	118	121	124	120	122	137	133	134	198	140	150
15	123	116	119	125	120	122	140	124	131	261	140	160
16	124	114	119	128	120	124	132	118	122	205	136	153
17	128	121	125	127	111	122	137	123	128	194	136	147
18	130	115	122	127	107	112	134	123	126	168	137	146
19	116	104	112	121	111	115	131	119	124	159	140	145
20	106	100	103	120	113	116	130	119	122	154	141	145
21	122	103	116	117	108	112	130	120	124	155	143	146
22	119	113	116	122	109	119	132	125	130	154	142	146
23	116	113	114	121	108	115	132	125	128	151	141	143
24	130	115	122	110	90	99	128	121	124	147	141	143
25	134	126	131	92	86	89	129	121	125	145	140	142
26	134	125	129	92	89	90	141	125	131	162	136	147
27	130	121	125	102	90	97	143	133	137	174	133	141
28	129	122	125	111	100	104	138	128	134	178	136	150
29	130	124	127	119	110	114	154	126	131	257	145	166
30	---	---	---	120	114	117	163	127	137	700	147	219
31	---	---	---	117	113	115	---	---	---	1070	140	260
MONTH	134	89	114	141	86	117	163	109	126	1070	133	156

STATION NUMBER 02198840 SAVANNAH RIVER NEAR PORT WENTWORTH, GA STREAM SOURCE AGENCY USGS
 LATITUDE 321408 LONGITUDE 0810905 DRAINAGE AREA DATUM STATE 13 COUNTY 103
 PROVISIONAL DATA SUBJECT TO REVISION
 SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	988	134	240	2370	143	311	353	138	167	258	141	158
2	1440	131	252	1130	143	232	340	137	163	183	139	149
3	1370	132	229	980	139	193	278	137	153	157	129	140
4	1370	137	209	635	132	176	174	136	144	140	123	128
5	625	140	187	301	129	151	150	130	136	130	123	126
6	345	143	168	183	130	141	136	118	127	136	124	126
7	248	143	163	170	131	142	130	118	124	130	125	127
8	222	139	156	161	132	139	131	124	128	132	124	129
9	164	141	148	144	126	133	127	119	123	130	122	126
10	161	136	146	134	118	126	131	121	125	124	115	120
11	160	137	144	127	116	119	141	129	135	121	114	116
12	158	138	144	137	118	126	143	130	137	130	116	120
13	165	142	149	173	124	138	142	124	131	146	116	123
14	172	146	154	174	133	142	149	128	135	164	118	132
15	180	141	153	167	129	138	153	122	131	164	135	143
16	172	142	153	159	129	136	156	127	135	197	129	142
17	166	135	145	170	130	138	151	129	138	159	135	142
18	156	136	142	179	131	144	152	136	140	150	130	138
19	156	138	145	171	136	146	140	114	123	137	128	131
20	155	141	147	164	140	146	120	106	112	135	122	127
21	156	145	147	160	139	144	114	105	108	132	122	126
22	155	146	149	170	138	146	110	103	106	140	126	131
23	155	145	148	183	140	152	112	103	107	139	122	130
24	148	139	143	177	141	151	123	108	115	144	129	135
25	146	118	133	184	140	152	157	115	125	134	117	125
26	132	117	122	184	140	154	442	119	153	118	101	111
27	134	118	122	215	138	155	425	123	165	104	89	99
28	152	121	129	414	136	169	810	131	196	94	89	91
29	204	126	139	800	131	198	797	135	202	98	93	96
30	2550	137	294	700	132	197	490	136	186	106	95	99
31	---	---	---	553	130	178	490	136	171	---	---	---
MONTH	2550	117	163	2370	116	158	810	103	140	258	89	126

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 PROVISIONAL DATA SUBJECT TO REVISION

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	19.1	18.4	18.8	15.9	14.4	15.2	10.6	9.9	10.2
2	---	---	---	19.6	19.0	19.3	14.4	13.5	14.0	11.5	10.6	11.0
3	---	---	---	19.2	18.1	18.7	13.5	13.0	13.3	12.3	11.4	11.9
4	---	---	---	18.1	17.5	17.9	13.2	12.8	13.0	13.5	12.3	12.8
5	---	---	---	---	---	---	13.5	12.9	13.2	13.8	13.2	13.5
6	---	---	---	---	---	---	13.9	13.4	13.6	13.5	13.1	13.2
7	---	---	---	17.1	16.7	16.9	13.8	13.4	13.6	13.3	13.0	13.1
8	---	---	---	17.2	16.7	16.9	13.6	13.3	13.4	13.2	13.0	13.0
9	---	---	---	17.4	16.9	17.1	14.0	13.4	13.7	13.2	12.8	13.0
10	---	---	---	17.5	17.0	17.2	14.2	13.8	14.0	13.8	13.1	13.5
11	---	---	---	---	---	---	14.2	13.9	14.1	13.8	13.5	13.7
12	---	---	---	18.0	17.7	17.8	14.5	14.0	14.2	13.7	13.1	13.3
13	23.4	23.1	23.3	18.0	17.6	17.7	14.9	14.4	14.7	13.4	13.0	13.2
14	23.5	23.0	23.2	17.9	17.5	17.7	15.3	14.9	15.1	13.3	12.4	12.8
15	23.3	22.6	23.0	17.9	17.6	17.7	15.1	14.7	14.9	12.4	11.5	11.9
16	22.7	22.2	22.5	17.6	16.8	17.3	16.3	14.2	14.7	11.6	11.1	11.3
17	22.3	21.9	22.1	16.9	16.0	16.5	14.2	13.5	13.9	11.8	11.2	11.5
18	22.3	21.7	22.0	16.0	15.6	15.8	13.6	12.9	13.3	11.6	11.4	11.5
19	22.1	21.9	22.0	15.9	15.4	15.7	13.1	12.8	12.9	11.5	11.2	11.3
20	22.4	22.0	22.2	16.0	15.5	15.7	13.1	12.8	13.0	11.5	11.1	11.3
21	22.4	21.7	22.0	16.0	15.7	15.9	13.1	13.0	13.0	11.1	10.3	10.6
22	21.7	21.2	21.4	16.4	16.0	16.2	13.0	12.9	13.0	10.3	9.7	9.9
23	21.2	20.3	20.7	17.2	16.4	16.8	12.9	12.8	12.9	9.8	9.6	9.7
24	20.3	19.1	19.6	17.7	17.1	17.4	12.8	12.1	12.3	9.8	8.9	9.5
25	19.1	18.5	18.7	18.2	17.4	17.8	12.1	11.2	11.6	9.0	8.6	8.8
26	18.5	17.9	18.1	18.8	18.0	18.4	11.2	10.6	10.9	8.8	8.0	8.3
27	18.1	17.4	17.8	18.7	18.1	18.4	10.7	10.3	10.5	8.0	7.4	7.7
28	17.9	17.4	17.7	18.1	17.7	17.9	10.4	10.0	10.2	7.5	6.5	7.1
29	18.0	17.4	17.7	17.7	17.2	17.4	10.1	9.8	9.9	6.5	5.8	6.0
30	18.1	17.7	17.9	17.3	15.9	16.7	9.9	9.4	9.7	5.8	5.3	5.5
31	18.5	17.9	18.2	---	---	---	10.1	9.6	9.8	5.8	5.1	5.5
MONTH	---	---	---	---	---	---	16.3	9.4	13.0	13.8	5.1	10.8

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 LATITUDE 321408 LONGITUDE 0810905 DRAINAGE AREA DATUM STATE 13 COUNTY 103
 PROVISIONAL DATA SUBJECT TO REVISION
 TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	6.1	5.5	5.8	16.0	15.1	15.5	18.8	18.2	18.5	21.6	20.6	21.1
2	6.6	5.9	6.2	16.4	15.7	16.0	19.2	18.6	18.8	22.1	21.2	21.6
3	6.9	6.1	6.5	16.4	15.9	16.1	20.2	18.9	19.3	22.5	21.6	22.0
4	7.3	6.5	6.9	16.2	15.8	15.9	19.5	19.0	19.4	23.2	22.2	22.6
5	7.6	6.8	7.2	16.1	15.7	15.9	19.0	18.4	18.7	23.2	22.7	23.0
6	7.7	7.1	7.4	16.2	15.5	15.8	18.7	18.1	18.5	23.8	22.8	23.2
7	8.2	7.3	7.7	16.3	15.6	16.0	19.0	18.2	18.6	24.5	23.3	23.8
8	8.5	8.1	8.3	16.6	15.9	16.2	19.1	18.5	18.8	24.9	23.9	24.3
9	9.2	8.4	8.8	17.0	16.2	16.6	18.5	17.6	18.0	25.6	24.5	24.9
10	9.7	9.0	9.4	17.4	16.8	17.1	18.0	17.2	17.7	25.9	24.9	25.3
11	10.4	9.6	10.0	17.9	17.2	17.5	18.2	17.4	17.8	26.5	25.5	25.9
12	11.3	10.3	10.8	17.9	17.5	17.7	18.9	17.9	18.4	27.0	26.0	26.5
13	11.8	11.1	11.5	17.6	16.9	17.2	18.9	18.4	18.7	27.5	26.5	26.9
14	12.7	11.8	12.2	17.2	16.5	16.8	18.4	17.4	17.9	27.6	27.1	27.3
15	13.1	12.5	12.7	16.8	16.2	16.5	17.6	17.2	17.4	27.3	26.8	27.1
16	13.4	12.7	13.0	16.7	16.3	16.5	18.1	17.0	17.6	26.8	26.2	26.4
17	13.6	13.2	13.4	17.0	16.3	16.6	19.2	18.0	18.6	26.2	25.5	25.8
18	14.1	13.4	13.7	16.9	15.9	16.4	19.8	19.0	19.4	26.1	25.3	25.7
19	14.3	13.6	13.9	15.9	15.5	15.7	20.3	19.4	19.8	26.4	25.6	26.0
20	14.2	13.8	14.0	16.8	15.6	16.1	20.8	19.9	20.4	26.9	25.9	26.4
21	14.0	13.6	13.8	17.0	16.3	16.6	21.2	20.5	20.8	27.0	26.4	26.7
22	13.9	13.1	13.4	17.3	16.6	17.0	21.0	20.4	20.8	26.9	26.1	26.4
23	13.5	13.0	13.3	17.3	16.8	17.0	21.0	20.4	20.7	26.3	25.3	25.9
24	13.8	13.2	13.5	16.9	16.0	16.4	20.9	20.4	20.6	26.6	25.8	26.2
25	14.1	13.4	13.8	16.6	15.9	16.2	20.5	19.9	20.1	27.5	26.4	26.8
26	14.6	13.9	14.2	17.5	16.5	16.9	20.2	19.5	19.9	27.8	27.2	27.5
27	15.1	14.4	14.7	18.1	17.4	17.7	20.6	19.6	20.1	28.4	27.2	27.8
28	15.6	14.9	15.2	18.8	17.8	18.2	20.9	20.2	20.5	28.8	28.1	28.4
29	15.8	15.1	15.4	19.1	18.3	18.7	20.9	20.1	20.5	28.6	27.9	28.4
30	---	---	---	19.0	18.5	18.7	21.0	20.1	20.6	27.9	27.0	27.4
31	---	---	---	18.7	18.2	18.5	---	---	---	27.0	26.5	26.7
MONTH	15.8	5.5	11.3	19.1	15.1	16.8	21.2	17.0	19.2	28.8	20.6	25.6

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 TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	27.0	26.0	26.5	29.2	28.5	28.9	28.8	28.0	28.4	27.4	26.9	27.2
2	27.4	26.2	26.7	29.0	28.3	28.7	29.0	28.3	28.6	27.7	27.1	27.3
3	27.9	26.8	27.3	28.8	28.0	28.3	29.1	28.5	28.8	27.4	26.9	27.1
4	28.2	27.4	27.7	28.6	27.4	28.0	28.9	28.0	28.5	27.0	26.3	26.6
5	27.8	27.3	27.5	28.6	27.7	28.2	28.3	27.4	27.8	26.3	25.6	26.0
6	27.7	27.0	27.3	29.3	28.4	28.8	28.1	27.5	27.8	25.6	24.5	25.1
7	27.4	26.7	27.0	29.6	29.0	29.3	28.2	27.5	27.9	24.5	23.9	24.2
8	27.0	26.3	26.7	29.5	29.1	29.3	28.8	28.0	28.4	24.4	23.8	24.0
9	26.9	26.2	26.5	29.4	28.7	29.1	29.1	28.4	28.7	24.5	24.0	24.2
10	27.1	26.2	26.6	29.2	28.5	28.8	29.4	28.7	29.0	24.9	24.1	24.5
11	27.3	26.4	26.8	29.1	28.4	28.7	29.2	28.4	29.0	25.4	24.6	24.9
12	27.8	26.8	27.3	29.4	28.4	28.9	28.9	28.2	28.5	25.3	24.8	25.1
13	28.5	27.4	27.8	29.8	29.0	29.4	28.8	28.2	28.5	25.8	25.0	25.4
14	28.5	27.9	28.2	30.0	29.4	29.6	29.0	28.4	28.7	26.3	25.5	25.9
15	28.5	27.9	28.2	30.2	29.4	29.8	28.9	28.4	28.6	26.8	26.0	26.5
16	28.6	28.1	28.4	30.2	29.5	29.8	29.0	28.3	28.6	26.8	26.1	26.3
17	28.8	28.3	28.5	30.2	29.5	29.9	29.1	28.4	28.8	26.1	24.7	25.3
18	28.7	28.1	28.4	30.1	29.6	29.9	29.1	28.5	28.8	24.7	23.3	24.0
19	28.8	28.0	28.3	30.1	29.4	29.8	28.9	28.3	28.6	23.5	22.8	23.3
20	28.9	28.3	28.6	30.5	29.5	30.0	28.6	27.8	28.1	23.6	23.4	23.5
21	28.8	28.1	28.5	30.6	29.9	30.3	27.9	26.8	27.2	23.9	23.3	23.6
22	28.9	28.4	28.6	30.5	30.0	30.3	26.8	26.0	26.3	24.3	23.8	24.0
23	28.9	28.0	28.5	30.2	29.7	30.0	26.5	25.8	26.1	25.0	24.2	24.5
24	29.2	28.3	28.7	29.8	28.8	29.3	27.0	26.1	26.5	25.6	24.8	25.2
25	29.2	28.6	28.9	28.9	28.1	28.5	27.2	26.6	26.9	25.9	25.3	25.6
26	29.1	28.3	28.7	28.4	27.8	28.1	27.8	26.8	27.2	25.8	25.0	25.5
27	28.7	28.0	28.5	28.5	27.9	28.2	28.0	27.4	27.7	25.0	24.0	24.3
28	28.6	27.8	28.2	28.4	27.6	28.0	27.9	27.3	27.6	24.0	23.2	23.5
29	28.7	28.0	28.4	28.2	27.6	27.9	27.9	27.4	27.7	23.5	22.7	23.0
30	29.3	28.4	28.7	28.3	27.7	28.0	27.7	27.2	27.4	22.9	22.1	22.4
31	---	---	---	28.5	27.8	28.1	27.5	26.9	27.2	---	---	---
MONTH	29.3	26.0	27.9	30.6	27.4	29.0	29.4	25.8	28.0	27.7	22.1	24.9