

**SAVANNAH RIVER BASIN  
2001 Water Year**

**02198920 SAVANNAH RIVER AT US 17, AT PORT WENTWORTH, GA**

**LOCATION.**--Lat 32°09'57", long 81°09'14", Chatham County, Hydrologic Unit 03060109, at right downstream fender of bridge on U.S. 17, 1.4 miles north of Port Wentworth.

**DRAINAGE AREA.**—Not determined.

**COOPERATION.**—U.S. Army Corps of Engineers, Savannah District.

**CONTINUOUS WATER-QUALITY RECORDS**

**PERIOD OF DAILY RECORD.**—

**SPECIFIC CONDUCTANCE:** October 1987 to May 1998, June 1999 to current year.

**WATER TEMPERATURE:** November 1999 to current year.

**INSTRUMENTATION.**—Continuous water-quality monitor.

**REMARKS.**—Records good.

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

**SPECIFIC CONDUCTANCE:** Maximum recorded, 32,600 microsiemens, April 18, 2001; minimum recorded, 30 microsiemens, January 2, 3, April 2-8, 10, 11, 1993, October 4, 1994, October 28, 1995.

**WATER TEMPERATURE:** Maximum recorded, 31.1 °C, July 22, 2000; minimum recorded, 5.0°, January 4, 2001.

**EXTREMES FOR CURRENT YEAR.**--

**SPECIFIC CONDUCTANCE:** Maximum, 32,600 microsiemens, April 18; minimum, 89 microsiemens, June 29, 30.

**WATER TEMPERATURE:** Maximum, 30.6 °C, August 11; minimum, 5.0°, January 4.

STATION NUMBER 02198920 SAVANNAH RIVER AT US 17, AT PORT WENTWORTH, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 320957 LONGITUDE 0810914 DRAINAGE AREA 10300.00 DATUM STATE 13 COUNTY 051

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	12400	117	3100	18600	216	7420	20300	158	7180	---	---	---
2	12800	125	3990	22000	259	8960	25000	216	9780	---	---	---
3	15100	132	4880	25100	347	10700	27300	1160	12700	---	---	---
4	20200	185	6350	27000	670	12200	29800	1230	14100	---	---	---
5	24100	227	8710	28800	1620	14900	31100	719	14300	---	---	---
6	28100	263	11100	29200	777	16100	29400	561	14500	---	---	---
7	31200	843	13800	25200	605	13100	26600	561	13500	---	---	---
8	32500	1430	16500	23000	469	11900	23700	300	12100	---	---	---
9	30600	1520	16100	20400	422	10800	20600	270	9580	---	---	---
10	27100	486	14800	17700	384	8660	18600	300	8260	---	---	---
11	23000	410	12000	19400	337	9860	16000	258	6610	---	---	---
12	20600	449	10200	19000	648	9280	13600	212	5080	---	---	---
13	18100	393	8800	18000	412	8050	13300	189	5010	---	---	---
14	17400	417	7910	14300	335	5830	11200	213	4080	---	---	---
15	15400	304	6630	15500	264	5720	9760	168	3570	---	---	---
16	14000	241	5740	15200	224	5660	12600	190	4490	---	---	---
17	15100	200	5880	15100	219	5280	10000	162	2580	---	---	---
18	16900	218	6360	15800	207	6260	21900	185	8150	---	---	---
19	18300	241	7240	17100	250	7580	21900	176	9970	---	---	---
20	16500	300	7580	17400	252	7930	19300	176	8700	16800	150	5620
21	16000	218	7370	14700	171	5940	18100	214	8700	17100	141	7280
22	16200	267	7370	14800	178	6570	17700	193	7520	19300	157	8860
23	16700	277	8180	15000	201	6500	---	---	---	18700	182	8350
24	16200	384	7540	13900	198	5990	---	---	---	18900	173	7230
25	14000	292	6410	13900	231	5050	---	---	---	13900	129	5100
26	14300	292	6160	10500	160	3690	---	---	---	15000	132	5630
27	13900	293	5790	8600	146	3150	---	---	---	13600	116	4610
28	13600	258	5370	11900	160	3970	---	---	---	14800	119	5090
29	14800	232	5630	14500	155	5330	---	---	---	15800	131	5340
30	13300	218	5000	16300	146	5990	---	---	---	14300	125	4690
31	13300	196	5300	---	---	---	---	---	---	15300	137	5710
MONTH	32500	117	7990	29200	146	7950	---	---	---	---	---	---

STATION NUMBER 02198920 SAVANNAH RIVER AT US 17, AT PORT WENTWORTH, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 320957 LONGITUDE 0810914 DRAINAGE AREA 10300.00 DATUM STATE 13 COUNTY 051

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	22400	162	7600	15400	137	4990	12700	120	3320	15300	192	6720
2	22200	186	8510	16500	142	5660	20800	114	6280	14700	244	6790
3	25400	224	10800	18100	149	6510	20700	107	5810	13500	209	5820
4	26200	212	12000	22500	149	8580	14800	101	4480	12300	205	5720
5	22700	193	10200	19700	145	7730	10200	99	3080	12600	199	5440
6	17700	150	7500	23100	150	10000	4930	107	1250	12500	198	4970
7	14500	166	5950	22100	146	10400	1800	112	586	14100	298	5830
8	11600	99	4310	16900	211	6410	1510	117	494	14200	240	5670
9	9080	98	3220	9750	128	2660	1990	114	466	13400	195	5140
10	6540	94	2380	6020	109	1480	2770	115	575	14600	185	5350
11	7370	111	2650	2810	112	759	4040	121	864	14300	198	5740
12	7420	158	3040	1520	117	488	4900	128	1240	18400	171	6270
13	9070	159	3450	1120	119	398	11200	134	2160	21200	208	8900
14	11300	163	4040	4340	122	721	14500	138	4680	23400	471	11100
15	15300	167	5820	6540	126	1880	21100	183	7400	27000	708	12300
16	19400	194	7960	11100	130	2850	28100	181	10200	27300	1190	14500
17	24800	188	10400	17700	126	4880	29100	576	11500	28300	909	16000
18	26700	293	12800	26100	135	7150	32600	1190	15400	27700	726	15200
19	25400	442	12000	26900	159	8640	30600	646	14700	23500	416	12200
20	22900	253	10300	25300	132	6680	25800	230	12500	20400	345	10700
21	19500	199	8860	8410	97	1760	21900	202	9450	19000	328	9270
22	18000	188	8340	11400	96	2780	16900	165	7030	17800	265	8100
23	16600	216	7150	13900	108	3790	13000	166	5460	17500	304	7960
24	15000	226	6560	9990	109	2550	11000	150	4470	16400	284	7280
25	14000	159	5330	6000	103	1420	11500	158	4140	15000	304	5990
26	11500	145	4020	5010	100	1160	12600	166	4650	14200	244	5550
27	11900	140	3940	5040	100	1230	13300	161	4840	15600	272	6270
28	11500	124	3820	8470	106	1900	13300	158	4900	15300	234	5880
29	---	---	---	8470	126	1830	13800	200	5400	14100	207	5880
30	---	---	---	6670	114	1330	14800	162	5760	14400	278	6900
31	---	---	---	9900	112	2300	---	---	---	15500	269	7350
MONTH	26700	94	6890	26900	96	3900	32600	99	5440	28300	171	7960

STATION NUMBER 02198920 SAVANNAH RIVER AT US 17, AT PORT WENTWORTH, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 320957 LONGITUDE 0810914 DRAINAGE AREA 10300.00 DATUM STATE 13 COUNTY 051

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	13800	250	6790	8240	145	2980	17000	237	7870	16500	256	7890
2	13200	167	5220	8120	186	2840	15100	193	6550	16200	237	7390
3	12300	154	4780	9430	142	3040	13800	184	5840	16200	215	7570
4	10200	152	4140	8330	172	2750	15000	181	5960	15500	255	6580
5	10100	156	3840	8470	135	2630	14600	179	6120	13400	195	5710
6	10600	153	3830	11100	159	3220	13900	187	5890	13800	207	5610
7	11200	157	3810	14200	198	4770	16100	197	6580	14800	253	6610
8	15100	157	4920	13200	135	4780	16800	208	7140	15000	226	6330
9	16400	182	6390	14800	131	4660	16900	219	7760	15500	187	5740
10	17900	205	6980	18100	148	6320	18400	175	7900	16300	174	5260
11	19600	191	7660	20200	150	8320	18800	162	7570	21200	155	7390
12	20400	204	7470	21700	221	9330	20500	167	8060	23000	244	10400
13	21300	190	8580	26500	239	11600	21100	162	8800	21900	257	11500
14	28800	432	12500	26500	467	12600	21500	151	9710	19800	380	10700
15	30300	457	13600	23500	218	10700	19900	234	10600	19200	512	9710
16	26300	167	11300	21700	174	9960	18700	310	9800	19400	664	9540
17	22400	133	9270	20200	198	9860	16800	279	7890	15600	449	7610
18	17900	108	6930	17600	230	8400	15900	248	6540	13600	432	6250
19	13600	112	4880	15700	197	7070	11500	193	4620	12300	348	5330
20	10800	117	3320	17300	275	6820	9970	200	3490	11200	281	4760
21	9500	130	2840	17500	424	7680	8930	196	3210	10400	231	4400
22	8250	134	2240	16200	469	7540	8930	196	3140	13600	220	5050
23	7900	129	1950	16200	312	5820	---	---	---	14000	216	5670
24	7360	134	1910	11700	190	3840	---	---	---	16300	222	6600
25	8050	132	2070	9810	185	3650	---	---	---	21000	225	8200
26	7900	183	2070	11000	169	3960	---	---	---	22300	358	9870
27	6820	92	2070	11000	160	3870	---	---	---	25400	521	11900
28	6820	153	2340	12700	153	4970	---	---	---	24600	576	13100
29	8180	89	2990	15700	152	6250	---	---	---	24100	669	13700
30	8400	89	3190	15000	144	5990	21900	222	9920	22100	503	11800
31	---	---	---	17600	222	8050	19500	256	9390	---	---	---
MONTH	30300	89	5330	26500	131	6270	---	---	---	25400	155	7940

STATION NUMBER 02198920 SAVANNAH RIVER AT US 17, AT PORT WENTWORTH, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 320957 LONGITUDE 0810914 DRAINAGE AREA 10300.00 DATUM STATE 13 COUNTY 051

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	23.5	21.8	22.6	21.0	19.4	20.3	14.1	12.5	13.2	6.2	5.5	5.9
2	23.4	21.6	22.5	21.1	19.1	20.1	14.0	12.3	13.1	6.0	5.5	5.8
3	23.4	21.7	22.6	20.9	19.1	20.0	13.9	11.6	12.8	5.9	5.2	5.6
4	23.5	22.0	22.7	20.8	19.2	20.1	13.7	11.0	12.4	5.8	5.0	5.4
5	23.7	22.3	22.9	20.7	19.5	20.2	13.5	10.4	12.0	6.1	5.1	5.6
6	23.9	22.7	23.3	20.6	19.6	20.1	13.2	10.0	11.6	6.5	5.5	6.0
7	23.7	23.4	23.5	20.7	19.6	20.2	12.6	9.8	11.2	6.7	6.0	6.3
8	23.8	22.3	23.3	20.9	19.9	20.4	12.1	9.8	11.0	7.3	6.2	6.7
9	23.4	21.1	22.4	21.1	20.1	20.7	11.7	10.0	10.9	7.3	6.3	6.7
10	22.9	20.3	21.6	21.0	20.4	20.7	11.6	10.2	10.9	6.4	5.6	6.1
11	22.1	19.6	20.8	20.7	19.8	20.2	11.4	10.2	10.8	6.7	5.8	6.2
12	21.5	19.2	20.4	20.2	18.8	19.6	11.6	10.5	11.2	7.8	6.6	7.1
13	21.0	18.9	20.0	19.8	17.9	18.9	11.6	11.0	11.3	8.8	7.4	7.9
14	20.7	18.7	19.8	19.3	17.4	18.3	11.8	10.9	11.4	9.9	8.3	9.1
15	20.5	18.5	19.6	18.8	16.7	17.7	12.1	11.5	11.7	10.6	9.4	10.0
16	20.5	18.5	19.6	18.3	16.0	17.1	12.5	11.4	12.0	11.2	10.4	10.7
17	20.6	18.5	19.7	17.9	15.9	16.8	12.8	11.9	12.3	10.9	10.7	10.8
18	20.7	18.9	19.9	17.5	15.3	16.4	12.6	11.1	11.9	---	---	---
19	20.9	19.4	20.2	17.1	14.1	15.8	12.3	9.8	11.3	---	---	---
20	20.9	19.9	20.4	16.5	13.5	15.0	11.8	8.6	10.4	12.3	10.3	11.6
21	21.0	20.0	20.5	15.6	12.9	14.2	11.3	7.9	9.7	11.9	10.5	11.1
22	21.1	20.2	20.7	14.8	12.2	13.5	10.6	7.9	9.1	11.2	10.3	10.8
23	21.4	20.6	20.9	14.2	11.9	12.9	8.0	7.2	7.7	10.7	10.3	10.4
24	21.0	20.3	20.7	13.6	11.7	12.6	7.5	6.9	7.2	10.3	9.9	10.1
25	20.9	20.2	20.5	13.4	11.9	12.8	7.2	6.8	7.0	10.1	9.4	9.7
26	20.9	20.0	20.4	13.6	12.6	13.1	6.8	6.2	6.5	9.8	8.8	9.4
27	20.8	19.9	20.4	13.6	12.9	13.2	6.9	6.1	6.5	9.5	8.3	9.0
28	21.0	19.9	20.4	13.9	13.0	13.4	7.3	6.8	7.1	9.6	8.5	9.0
29	21.0	20.1	20.6	13.9	12.9	13.4	7.0	6.5	6.7	9.7	8.6	9.1
30	21.0	19.9	20.5	13.9	12.7	13.3	6.7	6.0	6.3	10.1	9.3	9.6
31	21.1	19.6	20.4	---	---	---	6.2	5.4	5.8	10.5	9.7	10.1
MONTH	23.9	18.5	21.1	21.1	11.7	17.0	14.1	5.4	10.1	---	---	---



STATION NUMBER 02198920 SAVANNAH RIVER AT US 17, AT PORT WENTWORTH, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 320957 LONGITUDE 0810914 DRAINAGE AREA 10300.00 DATUM STATE 13 COUNTY 051

## TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	26.4	26.0	26.2	27.8	26.6	27.2	29.1	27.9	28.5	29.2	28.1	28.7
2	26.6	26.1	26.3	27.9	26.8	27.3	29.0	27.6	28.3	29.2	28.0	28.6
3	26.8	25.9	26.3	28.1	26.8	27.5	29.2	27.7	28.4	29.1	27.6	28.4
4	27.0	25.9	26.5	28.2	27.1	27.7	29.3	27.9	28.6	28.8	27.0	28.0
5	27.5	26.6	27.0	28.4	27.2	27.8	29.3	28.3	28.8	28.6	26.8	27.7
6	28.5	27.2	27.6	28.8	27.7	28.2	29.5	28.5	28.9	28.5	26.5	27.6
7	28.5	27.7	28.0	29.2	28.2	28.7	29.8	28.6	29.2	28.5	26.3	27.5
8	28.4	27.8	28.0	29.3	28.2	28.7	30.0	29.0	29.5	28.4	26.2	27.4
9	28.1	27.2	27.7	29.1	28.1	28.7	30.5	29.2	29.8	28.3	26.7	27.4
10	28.0	26.7	27.3	29.7	28.0	28.9	30.5	29.4	29.9	27.9	26.4	27.1
11	27.8	26.3	27.0	30.0	28.4	29.2	30.6	29.5	30.0	27.9	26.2	27.1
12	27.6	25.9	26.7	30.2	28.9	29.5	30.5	29.1	29.8	27.7	26.0	27.0
13	27.8	25.8	26.7	30.0	29.3	29.6	30.5	29.2	29.8	27.5	25.7	26.7
14	27.8	26.3	26.9	30.1	28.7	29.3	30.5	28.9	29.7	27.1	25.3	26.3
15	27.7	26.5	26.9	29.8	28.2	29.0	30.1	28.6	29.5	26.4	24.3	25.4
16	27.6	26.3	26.9	29.5	27.7	28.7	30.0	28.4	29.4	25.3	23.5	24.5
17	27.4	25.0	26.5	29.5	27.5	28.5	30.1	28.5	29.4	25.0	23.2	24.2
18	27.0	24.8	25.8	29.4	27.6	28.5	30.2	28.9	29.6	24.8	23.3	24.2
19	26.5	25.5	26.0	29.4	28.0	28.7	29.8	28.6	29.2	24.9	23.3	24.2
20	26.7	25.7	26.2	29.3	28.6	28.9	30.0	28.7	29.3	25.0	23.7	24.4
21	27.4	26.4	26.8	29.2	28.2	28.8	30.0	28.6	29.4	25.4	24.1	24.8
22	27.5	26.6	27.0	29.0	27.7	28.5	30.1	28.4	29.4	25.8	24.7	25.2
23	27.4	26.7	27.0	29.0	27.7	28.4	30.2	28.4	29.4	26.1	25.2	25.5
24	27.7	26.8	27.2	28.9	27.5	28.1	30.1	28.3	29.3	25.9	25.4	25.7
25	27.7	27.0	27.3	28.7	27.4	28.1	30.2	28.4	29.3	26.0	25.3	25.7
26	27.8	26.7	27.3	28.8	27.6	28.2	30.1	28.0	29.3	25.9	24.7	25.4
27	27.9	26.7	27.3	28.9	27.6	28.2	30.0	28.3	29.2	25.7	24.2	25.1
28	27.9	26.4	27.2	28.9	27.7	28.4	29.8	28.4	29.2	25.5	23.9	24.8
29	27.9	26.1	27.0	29.1	27.7	28.4	29.9	28.6	29.2	25.3	23.0	24.3
30	27.6	26.5	27.1	29.1	27.9	28.5	29.6	28.6	29.1	24.5	22.2	23.3
31	---	---	---	29.3	28.0	28.6	29.6	28.5	29.1	---	---	---
MONTH	28.5	24.8	26.9	30.2	26.6	28.5	30.6	27.6	29.3	29.2	22.2	26.1