

SAVANNAH RIVER BASIN
2000 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.

CONTINUOUS WATER-QUALITY RECORDS

PERIOD OF RECORD.—

SPECIFIC CONDUCTANCE: October 1987 to May 1998, June 1999 to September 1999.

WATER TEMPERATURE: November 1999 to September 2000.

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

EXTREMES FOR PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: Maximum, 31,700 microsiemens Nov. 16, 1999; minimum, 30 microsiemens, Jan. 2, 3, Apr. 2-8, 10, 11, 1993, Oct 4, 1994, Oct. 28, 1995.

WATER TEMPERATURE: Maximum, 31.1 °C, Jul. 22, 2000; minimum, 5.2°, Jan. 31, 2000.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 31,700 microsiemens Nov. 16; minimum, 80 microsiemens, Jan. 30.

WATER TEMPERATURE: Maximum, 31.1 °C, Jul. 22; minimum, 5.2°, Jan. 31.

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
 PROVISIONAL DATA (MERGED) 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
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	7620	130	1790	---	---	---	16600	252	7010	17400	159	7350
2	9370	130	2180	---	---	---	24900	224	9340	16300	159	6970
3	9980	110	2940	---	---	---	28400	238	10200	16500	148	6810
4	---	130	---	---	---	---	15200	189	6560	15100	158	6010
5	---	140	---	13900	186	5560	14500	174	5980	13100	142	5410
6	---	220	---	12900	186	5080	13000	164	4320	13300	164	5870
7	---	200	---	10700	183	4240	10900	141	4660	13700	184	5480
8	---	220	---	11300	189	4320	12700	170	5200	12600	160	5510
9	9990	160	3340	11400	195	4120	13600	184	5470	13100	177	5350
10	8310	150	2700	10800	177	3690	11600	175	4520	10900	142	3920
11	8310	150	2560	11800	178	4270	14000	156	5300	10500	141	3830
12	---	---	---	17900	179	6950	16100	188	6360	13300	141	4520
13	---	---	---	23200	280	9050	16100	171	6350	13700	144	4920
14	---	---	---	24400	264	8830	14400	154	5480	15900	147	5670
15	---	---	---	29600	243	12200	19700	168	7440	19200	137	7150
16	---	---	---	31700	510	13800	22100	188	9410	17200	117	5860
17	---	---	---	29700	419	14800	22500	289	11300	14600	118	5820
18	---	---	---	---	---	---	21800	466	11500	14500	142	5890
19	---	---	---	20400	301	9610	19300	314	9190	12700	154	5200
20	---	---	---	18100	244	8400	15300	223	6180	9390	162	3040
21	---	---	---	16700	252	7750	12900	164	5140	7870	138	2680
22	---	---	---	16600	255	7080	11200	171	3840	8420	139	2740
23	---	---	---	16500	272	6300	10900	163	3360	7350	148	2300
24	---	---	---	15300	270	5540	7370	158	2260	6470	148	1770
25	---	---	---	13800	245	4760	9080	142	2600	5080	129	1270
26	---	---	---	12600	216	3900	6460	143	1950	5740	107	1390
27	---	---	---	11400	182	3480	6460	131	1720	9490	106	2240
28	---	---	---	13100	180	4090	10200	139	2810	9900	105	2400
29	---	---	---	13300	192	4730	15100	139	4220	11800	84	2710
30	---	---	---	14300	227	5680	16100	154	6360	9740	80	1510
31	---	---	---	---	---	---	16800	160	6670	11800	82	1880
MONTH	---	---	---	---	---	---	28400	131	5890	19200	80	4310

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 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	17300	93	3870	25400	204	10100	24100	228	10200	---	---	---
2	20100	102	5020	23200	189	10800	19700	182	7950	---	---	---
3	16800	112	4860	24100	288	12500	13000	140	4990	---	---	---
4	12800	107	3630	21700	236	9040	8490	138	3030	---	---	---
5	9890	103	3030	17500	159	7690	8700	137	3130	---	---	---
6	8420	102	2450	11800	151	4900	8450	145	3180	---	---	---
7	6290	108	2040	9640	149	3920	7440	144	2580	---	---	---
8	6010	117	2040	7450	141	2990	7500	138	2100	---	---	---
9	7180	124	2420	5910	135	2080	8630	132	2540	---	---	---
10	7160	129	2770	5290	131	1680	10100	137	3440	---	---	---
11	6920	128	2270	5140	131	1850	10800	139	3900	10700	208	4680
12	7370	124	2340	5710	131	1920	10000	144	3890	12100	225	5670
13	11900	138	4250	8570	133	3020	9470	190	4190	12500	199	5610
14	16700	132	5070	12400	145	5050	12300	184	5300	12400	206	5830
15	12800	132	4460	12300	140	4730	12400	174	5010	13300	335	6160
16	11100	132	4070	10400	140	3730	9170	149	3720	12400	309	5740
17	9300	131	3740	5790	138	1990	8360	150	3440	10900	229	4730
18	8310	145	2520	8370	131	3140	8600	142	2810	9110	194	3970
19	4570	129	1280	8360	143	2800	8440	146	3260	9650	193	3550
20	2600	113	856	5490	137	1760	9000	143	3030	11800	193	3970
21	2690	117	841	3450	122	1090	8130	144	2920	13400	195	4960
22	2500	126	835	3190	125	919	11500	146	3250	16200	204	6030
23	2820	125	985	3740	123	984	13200	157	4750	20000	239	8040
24	4200	125	1260	4090	104	1030	---	---	---	20100	268	8870
25	7230	145	1930	4490	94	954	---	---	---	21400	292	9890
26	9550	143	2950	4700	96	1000	---	---	---	24800	705	12300
27	17500	141	4720	16200	100	3060	---	---	---	26000	541	13700
28	20900	180	7260	24700	118	5970	---	---	---	24500	474	13200
29	23900	208	9090	30600	320	8670	---	---	---	22700	466	13300
30	---	---	---	30300	249	11500	---	---	---	21700	634	12900
31	---	---	---	26400	243	11200	---	---	---	20400	615	11000
MONTH	23900	93	3200	30600	94	4580	---	---	---	---	---	---

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DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	18200	453	8930	17900	314	7720	12800	247	4570	11200	282	4770
2	16500	346	7250	16100	403	6930	11800	251	4430	11900	240	4900
3	15500	308	6360	14700	279	5760	11800	221	4270	12300	192	4610
4	13800	349	5910	14700	234	4890	11100	208	4490	14300	186	5210
5	13800	274	4810	13200	198	4210	13300	199	5370	17300	172	6020
6	11400	213	4080	10400	183	4280	15600	207	6260	19800	217	7660
7	10900	278	4640	14300	260	6080	18000	204	6630	25400	305	10400
8	12100	286	5310	14600	303	6640	18000	174	7170	22700	298	10300
9	12500	233	5370	14600	221	6400	20800	202	8140	21000	269	9070
10	11800	222	5340	14800	171	5950	24300	255	9760	19700	206	8640
11	12400	217	5400	17300	146	6730	23800	277	10000	18400	258	8090
12	12500	183	5350	22400	172	9420	23100	238	9860	17300	214	7850
13	13300	195	5790	23800	382	12100	20500	309	9580	17200	230	7430
14	13500	212	5910	23100	398	11400	18900	259	9040	15600	320	7160
15	14100	237	6220	21600	340	10100	16800	232	7490	14400	292	6460
16	14100	228	6090	20200	288	9420	16100	219	7100	15800	307	6980
17	13300	220	5590	20000	300	8700	15800	190	6410	16000	319	7010
18	13800	198	5480	20700	302	9760	16100	212	6480	14900	280	5740
19	14900	225	5760	19200	271	8890	15900	172	5780	11700	172	4000
20	18000	228	7110	---	---	---	17700	227	7400	16400	161	5560
21	20500	268	8720	22100	304	9820	16300	204	6500	17400	153	6390
22	21900	268	8870	23500	418	11300	15100	164	5820	17400	166	7310
23	24400	365	10600	24100	395	12000	15300	152	5840	14500	165	5750
24	24400	234	10900	24200	329	11300	15400	150	6340	14000	161	5570
25	23900	246	10300	22500	331	11200	17100	154	6710	11400	154	3980
26	19800	166	8890	---	---	---	17600	243	7940	6920	126	2160
27	18200	155	7990	---	---	---	15300	289	7340	6100	116	1920
28	16600	159	7610	---	---	---	14700	234	5970	5690	108	1460
29	14700	171	6390	---	---	---	14200	301	5800	5060	110	1190
30	16800	204	6910	---	---	---	13300	356	5860	7230	110	1640
31	---	---	---	---	---	---	11800	343	5360	---	---	---
MONTH	24400	155	6800	---	---	---	24300	150	6760	25400	108	5840

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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
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	---	---	---	17.8	14.8	16.3	11.2	10.1	10.7
2	---	---	---	---	---	---	17.0	13.8	15.5	11.4	10.5	11.0
3	---	---	---	---	---	---	16.5	13.4	14.9	12.0	11.3	11.6
4	---	---	---	---	---	---	15.7	13.3	14.4	13.0	11.8	12.3
5	---	---	---	18.8	17.5	18.1	15.3	13.2	14.2	13.4	12.4	12.9
6	---	---	---	18.5	17.3	17.8	15.1	13.5	14.2	13.3	12.5	12.9
7	---	---	---	18.3	17.0	17.6	14.8	13.6	14.2	13.4	12.8	13.1
8	---	---	---	18.2	16.9	17.6	14.7	13.4	14.1	13.2	13.0	13.1
9	---	---	---	18.3	17.0	17.7	14.9	13.5	14.3	13.6	13.0	13.3
10	---	---	---	18.4	17.2	17.8	15.2	13.9	14.5	13.9	13.3	13.6
11	---	---	---	18.5	17.4	18.0	15.3	14.1	14.7	14.0	13.5	13.7
12	---	---	---	18.6	17.7	18.1	15.4	14.1	14.8	14.0	13.4	13.7
13	---	---	---	18.8	17.6	18.2	15.5	14.5	15.0	13.9	13.1	13.5
14	---	---	---	18.8	17.6	18.2	15.9	15.0	15.4	13.8	12.7	13.2
15	---	---	---	18.9	17.6	18.3	15.9	14.9	15.4	13.6	11.7	12.6
16	---	---	---	18.8	17.2	18.0	15.8	14.3	15.1	13.2	11.2	12.1
17	---	---	---	18.6	16.3	17.6	15.6	13.8	14.8	12.8	11.5	12.1
18	---	---	---	---	---	---	15.4	13.2	14.4	12.7	11.6	12.1
19	---	---	---	17.8	15.7	16.8	14.9	13.0	14.0	12.6	11.5	12.0
20	---	---	---	17.5	15.8	16.7	14.6	13.0	13.7	12.4	11.2	11.8
21	---	---	---	17.4	16.0	16.7	14.4	13.1	13.6	11.9	10.7	11.3
22	---	---	---	17.4	16.0	16.8	14.1	13.1	13.5	11.5	9.8	10.6
23	---	---	---	17.7	16.4	17.1	14.0	12.9	13.4	11.1	9.6	10.3
24	---	---	---	17.9	17.1	17.6	13.5	12.4	12.9	10.8	9.3	10.0
25	---	---	---	18.4	17.6	18.0	13.3	11.5	12.3	10.2	8.8	9.4
26	---	---	---	18.8	18.2	18.5	12.8	10.7	11.4	9.8	8.2	8.9
27	---	---	---	18.7	18.3	18.5	11.8	10.4	11.0	9.5	7.6	8.4
28	---	---	---	18.6	17.8	18.2	11.7	10.1	10.8	9.3	7.0	7.9
29	---	---	---	18.5	17.4	17.9	11.5	9.8	10.5	8.9	6.0	7.0
30	---	---	---	18.4	16.2	17.4	11.4	9.7	10.5	7.8	5.4	6.1
31	---	---	---	---	---	---	11.2	9.8	10.5	7.3	5.2	5.8
MONTH	---	---	---	---	---	---	17.8	9.7	13.7	14.0	5.2	11.2

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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
	FEBRUARY			MARCH			APRIL			MAY		
1	7.3	5.6	6.2	15.8	14.7	15.3	18.9	18.3	18.6	---	---	---
2	7.2	6.0	6.4	16.2	15.0	15.6	19.2	18.5	18.9	---	---	---
3	7.1	6.4	6.7	16.5	15.2	15.7	20.1	19.0	19.4	---	---	---
4	7.4	6.7	7.0	16.4	15.5	16.1	19.7	19.4	19.6	---	---	---
5	7.6	7.1	7.3	16.4	15.9	16.1	19.4	18.8	19.2	---	---	---
6	7.9	7.3	7.6	16.7	15.9	16.3	19.3	18.3	18.9	---	---	---
7	8.1	7.4	7.8	16.9	15.9	16.4	19.5	18.3	19.0	---	---	---
8	8.6	7.9	8.3	17.1	16.0	16.7	19.5	18.7	19.1	---	---	---
9	9.2	8.3	8.7	17.4	16.4	16.9	19.3	17.9	18.6	---	---	---
10	9.8	8.8	9.2	17.8	16.8	17.3	19.0	17.5	18.3	---	---	---
11	10.4	9.4	9.8	18.2	17.3	17.7	19.0	17.5	18.3	26.2	24.8	25.5
12	11.1	9.8	10.4	18.1	17.5	17.8	19.0	18.0	18.6	26.7	25.2	26.0
13	11.7	10.1	10.9	18.2	17.1	17.6	18.9	18.4	18.7	27.4	25.8	26.5
14	12.6	10.4	11.6	17.9	16.7	17.4	18.7	17.6	18.2	27.6	26.3	26.8
15	13.0	11.3	12.3	17.7	16.5	17.2	18.3	17.5	17.9	27.3	26.4	26.8
16	13.3	11.9	12.6	17.7	16.7	17.2	18.5	17.5	18.1	26.8	26.2	26.5
17	13.7	12.4	13.1	17.7	16.6	17.2	19.1	18.1	18.7	26.5	25.9	26.2
18	14.2	12.8	13.6	17.6	16.4	17.1	19.7	19.0	19.3	26.4	25.6	26.1
19	14.6	13.7	14.2	17.1	15.9	16.4	20.4	19.3	19.7	26.7	25.7	26.2
20	14.6	12.0	14.3	17.4	15.8	16.6	21.0	19.8	20.3	27.3	26.0	26.5
21	14.4	13.8	14.1	17.7	16.5	17.1	21.3	20.4	20.8	27.0	26.5	26.7
22	14.3	13.4	13.9	18.0	16.8	17.4	21.0	20.5	20.8	26.8	26.5	26.7
23	14.2	13.1	13.7	17.9	16.9	17.3	20.9	20.4	20.7	27.1	26.0	26.5
24	14.5	13.4	13.9	17.6	16.5	17.1	---	---	---	27.2	26.0	26.5
25	14.7	13.6	14.2	17.6	16.0	16.7	---	---	---	27.5	26.4	26.8
26	15.0	13.9	14.4	17.7	16.5	17.0	---	---	---	27.6	26.4	27.0
27	15.1	14.4	14.7	18.0	17.4	17.6	---	---	---	28.0	26.5	27.2
28	15.4	14.5	15.0	18.6	17.6	18.0	---	---	---	28.5	27.0	27.7
29	15.7	14.6	15.2	19.0	17.6	18.4	---	---	---	28.6	27.3	27.8
30	---	---	---	18.9	17.8	18.5	---	---	---	28.1	26.9	27.3
31	---	---	---	18.9	18.1	18.6	---	---	---	27.4	26.7	27.0
MONTH	15.7	5.6	11.3	19.0	14.7	17.0	---	---	---	---	---	---

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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
	JUNE			JULY			AUGUST			SEPTEMBER		
1	27.3	26.3	26.8	29.2	28.4	28.9	29.2	28.0	28.6	28.3	26.9	27.6
2	27.5	26.4	27.0	29.3	28.4	28.9	29.4	28.2	28.8	28.3	26.8	27.7
3	27.8	26.8	27.3	29.2	28.2	28.8	29.5	28.3	29.0	28.3	27.0	27.6
4	28.1	27.3	27.7	29.3	27.8	28.6	29.6	28.5	29.0	28.1	26.4	27.2
5	27.9	27.3	27.6	29.2	27.6	28.6	29.5	27.7	28.7	27.8	25.9	26.8
6	27.9	27.1	27.5	29.4	28.2	28.9	29.6	27.7	28.7	27.6	24.7	26.3
7	27.7	26.6	27.2	29.8	28.7	29.2	29.5	27.6	28.6	27.3	24.1	25.7
8	27.6	26.3	27.0	29.9	28.9	29.3	29.3	27.9	28.7	26.6	23.9	25.3
9	27.4	26.3	26.9	29.7	28.9	29.3	29.4	28.4	28.9	26.2	24.0	25.1
10	27.4	26.3	26.9	29.7	28.7	29.2	29.5	28.7	29.1	25.9	24.2	25.0
11	27.6	26.6	27.1	29.5	28.6	29.1	29.5	28.6	29.1	25.8	24.5	25.2
12	28.3	27.0	27.4	29.5	28.7	29.1	29.4	28.3	28.9	26.1	24.9	25.5
13	28.7	27.4	27.8	29.7	28.9	29.3	29.4	28.3	28.8	26.4	25.0	25.7
14	28.8	27.8	28.1	29.8	29.2	29.5	29.4	28.2	28.9	26.8	25.4	26.1
15	29.1	28.1	28.4	30.0	29.4	29.7	29.4	28.4	28.9	27.2	25.9	26.6
16	29.1	28.2	28.5	30.2	29.5	29.8	29.6	28.3	29.0	27.0	26.2	26.6
17	29.1	28.2	28.5	30.4	29.6	30.0	29.7	28.4	29.1	26.9	24.9	25.9
18	29.1	28.3	28.7	30.6	29.7	30.2	29.8	28.6	29.2	26.5	23.8	25.0
19	29.2	28.1	28.7	30.6	29.7	30.2	29.8	28.5	29.2	25.4	23.2	24.3
20	29.3	28.0	28.7	---	---	---	29.7	28.1	29.0	25.3	23.3	24.3
21	29.5	28.3	28.9	30.9	29.9	30.5	29.6	27.0	28.3	25.1	23.4	24.3
22	29.3	28.4	28.8	31.1	30.1	30.5	29.0	26.2	27.5	25.1	23.8	24.5
23	29.5	28.4	28.9	30.9	29.8	30.3	28.5	25.9	27.2	25.2	24.1	24.7
24	29.8	28.5	29.0	30.7	29.1	30.0	28.1	26.0	27.2	25.5	24.7	25.1
25	29.6	28.7	29.1	30.2	28.5	29.5	28.0	26.6	27.3	25.9	25.2	25.5
26	29.6	28.6	29.1	---	---	---	28.3	26.8	27.5	25.9	25.4	25.6
27	29.4	28.4	28.9	---	---	---	28.2	27.1	27.7	25.5	24.2	24.9
28	29.3	28.1	28.8	---	---	---	28.3	27.3	27.8	24.8	23.4	23.9
29	29.2	28.2	28.7	---	---	---	28.3	27.4	27.9	24.1	22.7	23.3
30	29.3	28.3	28.8	---	---	---	28.2	27.2	27.7	24.0	22.3	22.9
31	---	---	---	---	---	---	28.2	26.8	27.6	---	---	---
MONTH	29.8	26.3	28.1	---	---	---	29.8	25.9	28.4	28.3	22.3	25.5