

SAVANNAH RIVER BASIN
2002 Water Year

02198920 SAVANNAH RIVER AT GA 25, AT PORT WENTWORTH, GA

LOCATION.—Lat 32°09'57", long 81°09'14" referenced to North American Datum (NAD) of 1927, Chatham County, Hydrologic Unit 03060109, at right downstream fender of bridge on GA 25, 1.4 miles north of Port Wentworth.

DRAINAGE AREA.—Not determined.

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

PERIOD OF RECORD.—October 1986 to current year.

CONTINUOUS WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: October 1986 to May 1998, June 1999 to current year.

WATER TEMPERATURE: November 1999 to current year.

INSTRUMENTATION.—Continuous water-quality monitor.

REMARKS.—Records fair. Station was previously published as "Savannah River at US 17, at Port Wentworth, GA".

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, 32.1 °C, July 20, 2002; minimum recorded, 5.0°, January 4, 2001.

EXTREMES FOR CURRENT YEAR.—

SPECIFIC CONDUCTANCE: Maximum recorded (greater than 20 percent missing), 32,300 microsiemens, October 27; minimum recorded, 157 microsiemens, April 10.

WATER TEMPERATURE: Maximum recorded (greater than 20 percent missing), 32.1 °C, July 20; minimum recorded, 15.7°, November 16.

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

STATION NUMBER 02198920 SAVANNAH RIVER AT GA 25, AT PORT WENTWORTH, GA SOURCE AGENCY USGS STATE 13 COUNTY 051
 LATITUDE 320957 LONGITUDE 0810914 NAD27 DRAINAGE AREA 10300.00 CONTRIBUTING DRAINAGE AREA DATUM -3.39 NGVD29
 Date Processed: 2003-03-13 14:59 By ceoberst

APPROVED
 DD #4, (MERGED)

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	20300	510	10900	21200	462	10800	16400	251	7280	---	---	---
2	20000	459	10000	18600	384	9380	16200	252	7210	---	---	---
3	19000	623	9740	18300	323	8810	17000	268	7440	---	---	---
4	17600	374	8500	18200	280	8660	16600	279	7040	---	---	---
5	16400	331	7470	19900	348	9830	17100	278	7090	---	---	---
6	16000	268	7120	21400	379	9780	17300	245	6850	---	---	---
7	18600	261	8660	21700	266	9570	17800	227	7320	---	---	---
8	21600	340	10300	22600	267	10100	18500	258	8740	---	---	---
9	22500	414	11100	22900	320	10600	18500	242	8560	---	---	---
10	23200	364	11200	21700	456	12000	18200	330	9890	---	---	---
11	22300	411	11300	20800	452	11000	17300	309	7290	---	---	---
12	21000	306	11100	18600	454	10600	15100	220	7040	---	---	---
13	18300	376	9560	18700	968	9770	16600	264	7000	---	---	---
14	16200	448	8120	17100	641	8380	15000	234	5850	---	---	---
15	15800	359	7050	17800	399	8320	13100	182	5070	---	---	---
16	15500	541	7450	16700	370	7470	14900	196	5940	---	---	---
17	14900	402	6680	16000	328	6690	---	---	---	---	---	---
18	14600	377	6530	16900	286	7080	---	---	---	---	---	---
19	14600	399	6370	17500	254	7640	---	---	---	---	---	---
20	14600	261	5930	19600	247	8420	---	---	---	---	---	---
21	16400	232	6690	25000	629	11600	---	---	---	---	---	---
22	17600	241	7590	27400	577	12200	---	---	---	---	---	---
23	21700	267	8840	26300	993	12500	---	---	---	---	---	---
24	23600	333	10500	26300	1080	12800	---	---	---	---	---	---
25	27400	385	11600	28100	999	13600	---	---	---	---	---	---
26	29800	1120	15000	27300	891	13600	---	---	---	---	---	---
27	32300	2920	19000	24700	605	13000	---	---	---	---	---	---
28	31400	2780	19000	22500	409	11400	---	---	---	---	---	---
29	28600	816	16200	20000	311	10000	---	---	---	---	---	---
30	23900	607	13100	17600	276	8350	---	---	---	---	---	---
31	21600	566	11600	---	---	---	---	---	---	---	---	---
MONTH	32300	232	10100	28100	247	10100	18500	182	7230	---	---	---

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SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	---	---	---	14400	249	5850
2	---	---	---	---	---	---	---	---	---	14500	243	5940
3	---	---	---	---	---	---	---	---	---	17400	240	7520
4	---	---	---	---	---	---	---	---	---	24000	463	11100
5	---	---	---	---	---	---	19300	157	6900	26400	762	13400
6	---	---	---	---	---	---	24700	205	8090	27600	821	14200
7	---	---	---	---	---	---	22000	180	8830	24200	519	12700
8	---	---	---	---	---	---	19400	196	7710	22300	320	11000
9	---	---	---	---	---	---	16400	160	6260	20300	304	9920
10	---	---	---	---	---	---	15100	160	6130	18700	290	8920
11	---	---	---	---	---	---	15800	199	7150	18600	303	8660
12	---	---	---	---	---	---	14300	189	6260	17300	337	8490
13	---	---	---	---	---	---	14600	170	5990	16000	275	7130
14	---	---	---	---	---	---	13400	174	5780	17500	330	7220
15	---	---	---	---	---	---	11800	181	5020	19300	354	8550
16	---	---	---	---	---	---	15200	185	5410	19300	344	8390
17	---	---	---	---	---	---	18500	191	6250	18000	301	7470
18	---	---	---	---	---	---	19900	202	7240	17300	273	6840
19	---	---	---	---	---	---	21100	227	8020	17000	501	8890
20	---	---	---	---	---	---	22900	278	9210	21500	532	11300
21	---	---	---	---	---	---	25700	359	12200	20900	552	11300
22	---	---	---	---	---	---	25100	316	12900	19800	590	11700
23	---	---	---	---	---	---	24700	315	14300	18300	549	9510
24	---	---	---	---	---	---	22000	559	11700	15500	341	7030
25	---	---	---	---	---	---	18800	372	9290	14500	335	6000
26	---	---	---	---	---	---	17700	391	8220	14100	321	5600
27	---	---	---	---	---	---	15800	375	7510	13400	330	5160
28	---	---	---	---	---	---	13000	286	5800	14100	300	5220
29	---	---	---	---	---	---	13500	246	4570	14100	346	5830
30	---	---	---	---	---	---	13800	289	5540	14600	393	5970
31	---	---	---	---	---	---	---	---	---	15200	322	6250
MONTH	---	---	---	---	---	---	25700	157	7780	27600	240	8490

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 DD #6

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	23.8	21.6	22.7	19.1	16.7	18.1	19.5	18.8	19.1	---	---	---
2	23.2	21.1	22.3	19.1	17.2	18.3	19.5	19.0	19.2	---	---	---
3	22.9	21.0	22.2	19.3	17.6	18.6	19.2	18.9	19.1	---	---	---
4	22.8	21.1	22.1	19.5	18.1	18.9	19.2	18.2	18.7	---	---	---
5	22.9	21.3	22.2	19.5	18.2	18.9	19.1	17.8	18.6	---	---	---
6	22.9	21.6	22.3	19.3	17.7	18.5	19.1	17.6	18.4	---	---	---
7	22.9	21.6	22.3	19.1	17.1	18.2	19.0	17.4	18.3	---	---	---
8	22.9	20.8	21.9	18.8	16.8	17.9	18.9	17.5	18.3	---	---	---
9	22.6	20.2	21.5	18.6	16.7	17.8	18.9	17.6	18.3	---	---	---
10	22.3	20.1	21.4	18.4	16.7	17.7	18.9	17.3	18.3	---	---	---
11	22.1	20.5	21.5	18.1	16.7	17.5	18.6	16.8	17.6	---	---	---
12	22.0	20.9	21.5	17.9	16.7	17.4	18.1	16.6	17.3	---	---	---
13	22.1	21.0	21.6	17.7	16.3	17.1	18.0	16.6	17.3	---	---	---
14	22.3	21.2	21.8	17.4	16.0	16.7	18.1	16.5	17.4	---	---	---
15	22.3	21.6	21.9	17.3	15.8	16.6	18.1	16.7	17.5	---	---	---
16	22.2	21.3	21.8	17.2	15.7	16.5	18.1	16.8	17.5	---	---	---
17	21.7	20.5	21.2	17.1	15.8	16.5	---	---	---	---	---	---
18	21.4	19.6	20.5	17.1	15.9	16.6	---	---	---	---	---	---
19	21.1	18.9	20.1	17.3	16.0	16.6	---	---	---	---	---	---
20	21.0	19.1	20.1	17.4	16.3	16.8	---	---	---	---	---	---
21	21.0	19.4	20.3	17.3	16.3	16.8	---	---	---	---	---	---
22	21.4	19.8	20.5	17.2	15.9	16.6	---	---	---	---	---	---
23	21.6	20.2	20.9	17.2	15.9	16.6	---	---	---	---	---	---
24	22.0	20.7	21.2	17.3	15.9	16.6	---	---	---	---	---	---
25	22.2	21.3	21.6	17.3	16.3	16.9	---	---	---	---	---	---
26	21.8	21.0	21.5	17.6	16.8	17.2	---	---	---	---	---	---
27	21.6	20.0	21.1	17.9	17.3	17.5	---	---	---	---	---	---
28	21.3	19.0	20.3	18.5	17.6	17.9	---	---	---	---	---	---
29	20.7	18.1	19.5	18.9	17.9	18.4	---	---	---	---	---	---
30	19.9	17.3	18.7	19.2	18.3	18.8	---	---	---	---	---	---
31	19.3	16.8	18.2	---	---	---	---	---	---	---	---	---
MONTH	23.8	16.8	21.2	19.5	15.7	17.5	19.5	16.5	18.2	---	---	---

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TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	---	---	---	24.9	23.6	24.3
2	---	---	---	---	---	---	---	---	---	25.1	23.6	24.5
3	---	---	---	---	---	---	---	---	---	25.6	24.3	24.8
4	---	---	---	---	---	---	---	---	---	25.6	24.8	25.1
5	---	---	---	---	---	---	21.6	20.6	21.1	25.6	24.8	25.0
6	---	---	---	---	---	---	21.3	19.9	20.6	25.6	24.5	24.9
7	---	---	---	---	---	---	21.0	19.8	20.3	25.6	24.4	24.9
8	---	---	---	---	---	---	20.7	19.7	20.2	25.6	24.5	25.1
9	---	---	---	---	---	---	20.6	19.7	20.2	26.0	25.0	25.4
10	---	---	---	---	---	---	20.6	20.1	20.3	26.7	25.2	25.8
11	---	---	---	---	---	---	20.6	20.1	20.4	26.9	25.8	26.2
12	---	---	---	---	---	---	20.8	19.9	20.4	27.2	26.3	26.6
13	---	---	---	---	---	---	20.9	20.3	20.6	27.4	26.6	26.9
14	---	---	---	---	---	---	21.4	20.4	20.9	27.2	26.7	27.0
15	---	---	---	---	---	---	21.9	21.0	21.4	27.0	26.2	26.7
16	---	---	---	---	---	---	22.8	21.6	22.1	27.0	25.8	26.4
17	---	---	---	---	---	---	23.4	22.0	22.7	26.8	25.5	26.2
18	---	---	---	---	---	---	24.3	22.4	23.4	26.7	25.4	26.1
19	---	---	---	---	---	---	24.8	22.8	23.9	26.4	23.9	25.2
20	---	---	---	---	---	---	25.3	23.2	24.4	25.8	22.9	24.4
21	---	---	---	---	---	---	25.7	23.5	24.7	25.0	22.4	23.9
22	---	---	---	---	---	---	25.7	24.0	24.9	24.4	22.3	23.5
23	---	---	---	---	---	---	25.7	24.2	24.8	23.7	22.0	22.9
24	---	---	---	---	---	---	25.3	24.4	24.8	23.6	22.0	22.8
25	---	---	---	---	---	---	25.1	24.5	24.8	23.7	22.6	23.2
26	---	---	---	---	---	---	25.0	24.6	24.8	24.4	23.3	23.8
27	---	---	---	---	---	---	24.7	24.1	24.5	24.8	23.8	24.2
28	---	---	---	---	---	---	24.9	23.7	24.4	25.4	24.2	24.7
29	---	---	---	---	---	---	25.1	24.0	24.7	25.7	24.6	25.0
30	---	---	---	---	---	---	24.9	24.1	24.5	26.2	25.0	25.5
31	---	---	---	---	---	---	---	---	---	26.5	25.4	25.9
MONTH	---	---	---	---	---	---	25.7	19.7	22.7	27.4	22.0	25.1

