

**SAVANNAH RIVER BASIN
1998 and 1999 Water Years**

**02198920 SAVANNAH (FRONT) RIVER AT U.S. 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.

GAGE-HEIGHT RECORD

PERIOD OF RECORD.--October 1987 to May 1998, July 1999 to current year.

GAGE.--Water-stage recorder. Datum of gage is 3.39 feet below sea level, at mean low water (levels by U.S. Army Corps of Engineers).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height recorded, 11.08 feet February 7, 1993 and Sept. 26, 1992; minimum gage height recorded, -3.41 feet, Apr. 7, 1989 and Mar. 13, 1993, but was lower during the day when the stage went below the recordable range of the gage.

CURRENT RECORD—July 1999 to current year.

EXTREMES FOR CURRENT YEAR.--Maximum gage height recorded, 9.75 feet, Jul. 13 and August 10; minimum gage height, -2.40 feet, Jul. 11.

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WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1987 to May 1998, June 1999 to September 1999.

INSTRUMENTATION.—USGS mini-monitor. Specific Conductance recorded at 15-minute intervals.

REMARKS.--Station operation discontinued temporarily due to bridge reconstruction. No specific conductance data for the period May 8, 1998 to June 18, 1999.

EXTREMES FOR PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: Maximum recorded, 31,200 microsiemens Nov. 25, 1997; minimum recorded, 30 microsiemens, Jan. 2, 3, Apr. 2-8, 10, 11, 1993, Oct 4, 1994, Oct. 28, 1995.

EXTREMES FOR 1998 WATER YEAR.—

SPECIFIC CONDUCTANCE: Maximum recorded, 31,200 microsiemens Nov. 25; minimum recorded, 40 microsiemens on several days in Feb. and Mar.

EXTREMES FOR 1999 WATER YEAR.--

SPECIFIC CONDUCTANCE: Maximum recorded, 22,400 microsiemens Sept. 23; minimum recorded, 100 microsiemens Sept. 10-14.

STATION NUMBER 02198920 SAVANNAH(FRONT)RIVER(U.S.17)AT PT.WENTWORTH, GA. STREAM SOURCE AGENCY USGS
 LATITUDE 320957 LONGITUDE 0810914 DRAINAGE AREA 10300.00 DATUM STATE 13 COUNTY 051
 (MEAN LOW WATER DATUM)
 GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	3.78	4.54	---
2	---	---	---	---	---	---	---	---	---	4.33	4.66	---
3	---	---	---	---	---	---	---	---	---	4.31	5.11	---
4	---	---	---	---	---	---	---	---	---	4.30	5.27	---
5	---	---	---	---	---	---	---	---	---	4.13	5.00	---
6	---	---	---	---	---	---	---	---	---	4.12	4.96	---
7	---	---	---	---	---	---	---	---	---	4.11	4.94	---
8	---	---	---	---	---	---	---	---	---	4.11	4.56	---
9	---	---	---	---	---	---	---	---	---	4.14	4.38	---
10	---	---	---	---	---	---	---	---	---	4.14	4.87	5.09
11	---	---	---	---	---	---	---	---	---	4.16	5.01	5.30
12	---	---	---	---	---	---	---	---	---	4.82	4.85	5.63
13	---	---	---	---	---	---	---	---	---	4.87	4.85	5.40
14	---	---	---	---	---	---	---	---	---	4.89	4.77	5.51
15	---	---	---	---	---	---	---	---	---	4.88	4.68	5.71
16	---	---	---	---	---	---	---	---	---	4.80	4.40	4.66
17	---	---	---	---	---	---	---	---	---	4.61	4.39	4.75
18	---	---	---	---	---	---	---	---	---	4.30	4.32	4.91
19	---	---	---	---	---	---	---	---	---	5.55	4.05	4.03
20	---	---	---	---	---	---	---	---	---	4.86	3.84	4.05
21	---	---	---	---	---	---	---	---	---	4.71	3.97	4.23
22	---	---	---	---	---	---	---	---	---	4.83	4.41	4.58
23	---	---	---	---	---	---	---	---	---	4.95	4.41	5.17
24	---	---	---	---	---	---	---	---	---	4.82	4.31	5.09
25	---	---	---	---	---	---	---	---	---	4.52	4.16	4.80
26	---	---	---	---	---	---	---	---	---	4.24	4.24	---
27	---	---	---	---	---	---	---	---	---	4.15	4.34	---
28	---	---	---	---	---	---	---	---	---	3.76	4.62	---
29	---	---	---	---	---	---	---	---	---	3.75	4.53	---
30	---	---	---	---	---	---	---	---	---	3.95	4.49	---
31	---	---	---	---	---	---	---	---	---	4.44	---	---

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 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 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	9270	100	1540	80	3600	100	70	50	70	50	420	50
2	9720	120	710	80	6430	110	70	50	170	50	130	50
3	9640	100	2260	80	4070	110	80	50	140	50	70	50
4	8220	130	4560	90	2400	100	110	50	180	50	110	50
5	8920	100	7680	90	1060	90	110	50	90	50	120	50
6	9120	100	18200	100	6190	90	90	50	90	50	120	50
7	9890	100	9810	100	9730	90	90	50	100	50	110	50
8	15300	120	9790	100	9480	100	80	50	100	50	180	50
9	16400	140	9970	100	6380	90	160	50	90	50	90	50
10	13700	140	7940	110	3820	90	100	50	140	50	200	50
11	11800	130	6060	100	2250	100	90	50	60	50	220	50
12	9780	130	4920	110	1970	100	80	50	130	50	60	50
13	7610	120	4520	120	2480	90	80	60	130	40	190	40
14	6570	130	2500	100	1910	90	80	60	110	40	110	40
15	5650	130	840	100	1640	90	80	60	120	40	210	40
16	5750	100	540	100	5480	80	90	60	90	50	110	50
17	4980	130	620	90	3930	90	90	60	110	50	90	40
18	4920	120	520	80	2540	90	100	60	120	50	60	40
19	5110	100	390	70	3270	80	90	60	120	40	90	50
20	6320	100	1680	70	7990	70	160	60	220	50	100	50
21	7450	110	5480	80	10100	70	70	60	150	50	100	50
22	9950	100	7290	90	11000	70	80	60	140	50	140	50
23	13100	130	13200	90	13500	70	70	50	60	50	180	50
24	14300	160	29300	90	13200	60	80	50	120	50	1010	50
25	18800	120	31200	90	8840	70	110	50	660	50	---	---
26	15200	130	17000	100	5430	60	90	50	130	50	---	---
27	12500	100	21200	100	7960	60	80	50	120	50	---	---
28	10200	100	12400	110	3080	50	90	50	140	50	---	---
29	12100	90	9560	110	490	50	80	50	---	---	---	---
30	8560	100	6150	110	90	50	140	50	---	---	---	---
31	4770	100	---	---	90	50	140	50	---	---	---	---
MONTH	18800	90	31200	70	13500	50	160	50	660	40	1010	40

