

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

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 mile downstream from Abercorn Creek, and 6.1 miles north of Port Wentworth.

GAGE-HEIGHT RECORD

PERIOD OF RECORD.--June 1987 to current year.

GAGE.--Water-stage recorder. Datum of gage is sea level (levels by U.S. Army Corps of Engineers).

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation recorded, 7.37 feet, Feb. 7, 1993; minimum elevation recorded, -5.24 feet, Apr. 7, 1989.

EXTREMES FOR CURRENT YEAR.--Maximum elevation recorded, 6.36 feet, Jan. 31; minimum elevation recorded, -3.81 feet, Mar. 4 and Jul. 11.

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

02198840 SAVANNAH RIVER NEAR PORT WENTWORTH, GA--continued

LOCATION.--Lat 32°14'08", long 81°09'05", Effingham County, Hydrologic Unit 03060109, at right downstream fender of bridge on Interstate 95, 1 mile downstream from Abercorn Creek, and 6.1 miles north of Port Wentworth.

WATER-QUALITY RECORD

PERIOD OF RECORD.--October 1986 to current year.

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

EXTREMES FOR PERIOD OF DAILY RECORD.—

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

EXTREMES FOR 1998 WATER YEAR.—

SPECIFIC CONDUCTANCE: Maximum recorded, 180 microsiemens Oct. 26; minimum recorded, 40 microsiemens on several days in Feb.

EXTREMES FOR 1999 WATER YEAR.--

SPECIFIC CONDUCTANCE: Maximum recorded, 820 microsiemens Aug. 10; minimum recorded, 70 microsiemens on several days in Oct., Nov., and Feb.

STATION NUMBER 02198840 SAVANNAH RIVER (I-95) NR PORT WENTWORTH, GA. STREAM SOURCE AGENCY USGS
 LATITUDE 321408 LONGITUDE 0810905 DRAINAGE AREA DATUM STATE 13 COUNTY 103
 (NGVD OF 1929)

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	4.97	-2.27	5.53	-2.10	5.22	-3.69	5.65	-3.23	6.11	-.09	5.14	-3.55
2	5.50	-2.42	5.71	-1.86	5.47	-3.77	6.05	-2.61	5.63	-1.83	5.38	-2.88
3	5.60	-1.86	5.84	-1.87	5.64	-3.33	5.60	-2.54	5.45	-2.33	5.47	-3.00
4	5.70	-2.22	5.74	-2.62	5.58	-3.31	5.01	-3.74	5.09	-2.32	4.92	-3.81
5	5.78	-2.15	5.98	-2.50	5.48	-3.50	4.76	-3.54	4.98	-1.85	4.81	-2.83
6	5.93	-1.68	6.00	-1.94	5.36	-3.34	5.01	-2.86	4.73	-1.50	4.72	-2.63
7	6.02	-1.46	5.67	-2.60	5.19	-3.31	4.69	-2.62	4.41	-1.46	4.25	-2.73
8	5.68	-2.32	5.51	-2.75	4.96	-3.23	4.75	-2.09	3.84	-1.30	4.22	-1.65
9	5.51	-2.93	5.18	-2.58	4.41	-3.38	4.39	-1.99	4.59	-.72	4.53	-2.09
10	5.40	-2.92	5.10	-2.35	4.71	-2.01	3.84	-1.86	4.56	-.99	3.81	-1.60
11	5.34	-2.57	4.56	-2.78	4.72	-1.89	4.37	-2.28	4.95	-1.35	4.54	-1.38
12	5.21	-2.28	4.57	-2.43	4.79	-1.81	4.10	-2.61	4.88	-1.98	4.41	-1.66
13	5.19	-2.07	4.79	-1.99	4.84	-2.87	4.52	-2.65	4.55	-2.82	4.76	-1.61
14	4.99	-2.16	4.75	-2.01	4.47	-2.93	4.66	-2.75	5.25	-2.36	5.44	-1.70
15	5.07	-2.19	4.81	-2.51	5.05	-1.64	4.78	-3.06	5.44	-2.03	4.90	-3.36
16	5.21	-1.99	4.86	-2.78	4.77	-2.46	5.05	-3.18	5.41	-1.99	5.32	-2.81
17	5.17	-1.80	4.87	-2.77	4.79	-2.83	5.20	-2.78	5.48	-1.83	5.28	-2.86
18	5.10	-2.06	5.11	-2.92	5.17	-2.82	5.21	-2.79	5.57	-1.90	5.39	-2.87
19	4.91	-2.59	5.15	-2.22	5.12	-2.35	5.08	-3.31	5.64	-1.68	5.68	-2.76
20	4.77	-2.85	4.99	-2.63	4.97	-2.60	5.07	-2.89	5.57	-1.56	5.68	-2.46
21	4.84	-2.61	4.66	-2.81	4.96	-2.78	5.11	-2.61	5.60	-1.88	5.69	-3.24
22	4.81	-2.56	4.72	-2.34	4.85	-3.03	5.13	-2.55	5.46	-1.79	5.07	-3.14
23	5.07	-1.97	4.79	-2.53	5.09	-2.38	5.19	-2.26	5.54	-1.75	5.15	-3.12
24	4.79	-2.24	4.46	-2.72	5.16	-2.30	5.20	-2.71	5.50	-2.41	5.01	-2.91
25	4.62	-2.17	4.76	-2.41	5.20	-1.89	4.73	-2.64	5.56	-2.41	4.82	-2.79
26	4.41	-2.22	4.55	-2.60	5.21	-1.83	5.05	-1.88	5.23	-2.69	5.07	-1.91
27	4.62	-2.28	4.46	-2.68	5.28	-2.32	5.43	-2.32	5.57	-2.31	5.07	-2.25
28	4.73	-1.80	4.72	-2.81	5.40	-2.65	5.38	-2.73	5.46	-2.55	5.06	-2.72
29	4.86	-2.07	4.99	-3.04	5.50	-2.68	5.38	-3.03	---	---	5.01	-3.04
30	5.00	-2.21	5.12	-3.27	5.31	-3.04	5.86	-2.50	---	---	5.22	-2.77
31	5.31	-2.21	---	---	5.54	-3.33	6.36	-1.21	---	---	5.34	-2.20
MONTH	6.02	-2.93	6.00	-3.27	5.64	-3.77	6.36	-3.74	6.11	-2.82	5.69	-3.81

STATION NUMBER 02198840 SAVANNAH RIVER (I-95) NR PORT WENTWORTH, GA. STREAM SOURCE AGENCY USGS
 LATITUDE 321408 LONGITUDE 0810905 DRAINAGE AREA DATUM STATE 13 COUNTY 103
 (NGVD OF 1929)

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	4.90	-2.98	5.68	-1.36	4.97	-2.52	4.99	-2.69	5.27	-2.49	5.71	-1.38
2	5.02	-3.04	5.64	-1.41	4.93	-2.53	5.07	-2.29	5.11	-2.71	5.92	-1.36
3	5.02	-2.65	5.54	-1.88	4.89	-2.69	5.06	-2.38	5.52	-2.32	6.14	-.77
4	4.92	-2.40	5.19	-1.92	4.62	-3.35	4.93	-2.51	5.56	-1.99	5.95	-.72
5	5.10	-2.63	5.10	-2.01	4.73	-2.29	4.78	-2.66	5.49	-2.51	5.62	-1.94
6	5.16	-1.55	4.60	-1.99	4.78	-2.24	4.95	-3.04	5.54	-2.79	5.68	-2.52
7	4.61	-2.09	4.74	-2.35	4.75	-2.43	5.02	-2.98	5.60	-3.00	5.72	-2.63
8	4.05	-2.19	4.28	-2.62	5.06	-2.65	5.24	-3.48	5.45	-3.48	5.76	-2.26
9	4.20	-1.97	4.37	-2.76	5.16	-3.18	5.39	-3.71	5.63	-3.68	5.73	-2.18
10	4.44	-2.41	4.75	-2.75	5.46	-3.32	5.50	-3.77	5.92	-3.02	5.64	-2.18
11	5.02	-2.05	5.13	-2.42	5.90	-2.92	5.67	-3.81	5.81	-2.68	5.67	-1.48
12	5.17	-2.75	5.41	-2.74	6.04	-2.19	5.96	-2.83	5.75	-2.69	5.59	-.89
13	5.63	-2.41	5.68	-3.01	6.04	-2.59	5.97	-2.68	5.54	-2.51	5.43	-1.11
14	5.76	-2.20	5.93	-2.98	5.90	-2.71	5.92	-2.48	5.50	-2.10	5.33	-1.16
15	5.83	-1.98	6.03	-2.66	5.79	-3.22	5.84	-2.08	5.22	-2.26	5.18	-.88
16	5.52	-3.60	6.35	-2.22	5.72	-2.94	5.84	-2.14	5.07	-2.54	5.11	-1.88
17	5.54	-3.56	6.03	-2.19	5.57	-2.88	5.56	-2.11	4.64	-2.51	4.69	-1.63
18	5.41	-3.65	6.09	-2.27	5.55	-1.80	5.10	-2.31	4.48	-2.35	4.68	-1.32
19	5.40	-3.64	5.87	-2.63	5.68	-1.21	4.75	-2.41	4.48	-2.44	4.69	-1.34
20	5.25	-3.67	5.61	-2.21	5.34	-1.82	4.48	-2.70	4.52	-2.55	5.04	-1.48
21	4.87	-3.37	5.47	-2.30	4.98	-1.91	4.40	-2.57	4.54	-2.25	5.39	-1.57
22	5.06	-2.90	5.17	-2.39	4.92	-1.98	4.68	-2.21	5.07	-2.17	5.55	-1.40
23	4.91	-2.93	4.87	-2.72	5.10	-1.98	4.71	-2.21	5.30	-1.70	5.76	-1.46
24	5.04	-3.25	4.58	-2.92	5.05	-2.18	4.87	-2.60	5.41	-1.89	5.74	-1.22
25	5.28	-1.56	4.92	-2.80	4.94	-2.49	4.88	-2.73	5.35	-2.44	5.73	-1.88
26	5.07	-2.22	4.96	-2.72	5.03	-2.83	5.07	-2.60	5.40	-2.77	5.62	-2.14
27	5.08	-2.37	5.17	-2.79	4.88	-2.81	5.35	-2.70	5.41	-2.74	5.77	-2.14
28	5.37	-2.44	5.12	-2.60	4.73	-3.02	5.42	-2.55	5.68	-2.33	5.73	-2.04
29	5.44	-1.82	5.00	-2.71	4.69	-3.18	5.37	-2.63	5.70	-1.43	5.80	-1.76
30	5.62	-1.74	5.02	-2.82	4.92	-2.42	5.42	-2.57	5.76	-1.01	5.80	-2.17
31	---	---	5.03	-2.55	---	---	5.27	-2.76	5.76	-1.15	---	---
MONTH	5.83	-3.67	6.35	-3.01	6.04	-3.35	5.97	-3.81	5.92	-3.68	6.14	-2.63

STATION NUMBER 02198840 SAVANNAH RIVER (I-95) NR 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 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	110	80	90	60	90	90	50	50	70	50	80	80
2	120	80	90	70	90	90	50	50	80	50	80	80
3	130	90	90	60	90	90	60	50	60	60	80	80
4	130	100	90	60	90	90	60	50	60	50	80	80
5	130	110	100	70	90	80	60	60	60	50	80	70
6	130	110	100	80	80	70	60	60	60	50	70	70
7	140	110	90	80	70	70	60	60	60	50	80	70
8	140	100	100	80	70	70	60	60	60	40	80	80
9	140	100	90	90	70	70	70	60	60	50	80	50
10	140	100	90	90	80	70	70	70	60	40	60	50
11	130	90	90	90	80	80	70	70	60	40	60	50
12	120	90	90	90	80	80	70	70	60	40	60	50
13	120	100	90	90	80	80	80	60	50	40	60	50
14	130	100	90	90	80	80	80	60	50	40	60	50
15	130	110	90	80	80	70	70	60	50	40	60	50
16	140	110	90	80	70	70	70	50	50	50	60	50
17	130	110	80	70	70	70	80	50	50	50	60	50
18	130	100	70	60	70	70	80	50	60	50	60	50
19	140	110	60	60	70	70	70	50	60	60	60	50
20	110	110	60	60	70	70	80	50	60	60	60	50
21	130	100	70	60	70	70	70	50	70	60	60	50
22	120	100	80	70	70	70	70	60	70	70	60	50
23	130	100	80	80	70	70	70	70	70	60	60	50
24	130	110	80	80	80	70	70	70	60	60	70	50
25	150	110	80	80	90	80	70	70	70	60	70	50
26	180	130	80	80	90	80	70	50	70	70	70	50
27	160	90	100	80	80	70	60	50	70	60	70	60
28	110	70	90	90	70	60	70	50	80	60	70	60
29	120	100	90	90	60	50	80	50	---	---	70	60
30	120	90	90	90	50	50	70	50	---	---	70	60
31	90	60	---	---	50	50	70	50	---	---	70	60
MONTH	180	60	100	60	90	50	80	50	80	40	80	50

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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 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	110	90	90	70	120	90	120	100	110	100	110	90
2	120	100	110	80	120	110	250	100	110	100	120	100
3	110	90	110	90	130	110	120	110	110	100	130	110
4	110	90	120	100	120	100	120	100	110	100	130	110
5	110	90	140	110	110	100	120	100	100	80	130	110
6	110	90	130	110	110	100	120	100	90	80	130	110
7	120	100	120	100	120	100	120	110	90	70	130	110
8	120	100	110	90	120	110	120	100	90	80	120	100
9	120	110	100	90	120	110	110	100	100	90	120	100
10	120	110	110	90	120	110	110	100	100	90	130	100
11	120	100	110	100	120	110	120	100	100	80	130	110
12	110	100	120	100	120	100	120	100	100	80	130	110
13	110	100	110	100	110	100	130	110	90	70	120	100
14	120	100	110	100	110	100	120	110	90	70	120	100
15	110	100	110	100	110	100	120	100	90	70	120	110
16	120	100	110	100	120	100	110	100	90	80	130	110
17	120	110	110	100	120	100	120	110	100	80	200	110
18	120	100	110	100	110	100	120	110	100	90	200	120
19	120	100	110	100	110	100	110	100	100	80	190	90
20	110	100	110	100	110	100	110	100	100	90	120	90
21	120	100	110	100	110	100	120	100	110	90	170	90
22	120	110	110	100	120	100	110	100	110	100	120	100
23	130	110	110	100	120	110	110	90	110	100	120	110
24	130	100	110	100	120	110	120	90	120	100	140	110
25	130	120	110	90	120	110	120	100	130	110	120	110
26	130	110	120	90	120	100	110	100	120	110	120	100
27	120	110	120	100	120	100	110	100	110	100	120	100
28	130	100	140	90	120	110	110	100	110	90	110	100
29	120	110	100	90	120	100	100	90	---	---	110	100
30	120	70	110	90	120	100	110	90	---	---	110	100
31	90	70	---	---	120	100	110	90	---	---	110	100
MONTH	130	70	140	70	130	90	250	90	130	70	200	90

