

SAVANNAH RIVER BASIN

02196999 SAVANNAH RIVER AT NEW SAVANNAH BLUFF LOCK AND DAM AT AUGUSTA, GA

LOCATION.--Lat 33°22'23'', long 81°56'32'', Richmond County, Hydrologic Unit 03060106, at New Savannah Bluff lock and dam, 0.3 mi upstream from Butler Creek, 12.0 mi downstream from Augusta, and at mile 187.5.

DRAINAGE AREA.--7,508 mi², including that of Butler Creek.

PERIOD OF RECORD.--October 1989 to September 2001. October 2004 to September 2005. Records prior to 1989 are in the files of the U.S. Geological Survey.

GAGE.--Data collection platform. Datum of gage is 100.58 ft above NGVD of 1929 (U.S. Army Corps of Engineers bench mark).

REMARKS.--Gage height affected by regulation from Thurmond Lake.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height 19.41 ft, Oct. 13, 1990; minimum gage height, less than 4.5 ft, Jan. 17- 20, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 15.59 ft, Feb. 26; minimum gage height, 11.69 ft, Mar. 29.

Gage height, feet												
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	14.32	13.10	13.95	14.85	14.55	14.68	14.85	13.87	14.31	14.81	14.19	14.56
2	14.26	13.80	13.97	14.87	14.35	14.63	14.94	13.89	14.47	14.65	14.42	14.50
3	14.33	13.88	14.05	14.35	14.07	14.18	14.97	14.10	14.49	14.61	14.15	14.39
4	14.35	14.03	14.15	14.34	14.13	14.24	15.00	14.05	14.50	14.56	14.19	14.31
5	14.33	14.02	14.15	14.38	14.32	14.35	14.94	13.92	14.43	14.19	14.09	14.13
6	14.44	14.20	14.32	14.33	14.26	14.29	14.94	13.96	14.51	14.54	14.10	14.39
7	14.67	13.30	13.86	14.36	13.93	14.20	15.00	13.99	14.62	14.46	14.22	14.34
8	14.66	13.72	13.99	14.17	13.93	14.03	14.50	13.91	14.29	14.40	14.09	14.32
9	14.90	13.82	14.06	14.22	14.13	14.17	14.45	14.27	14.37	14.61	14.06	14.36
10	15.12	14.18	14.56	14.29	14.20	14.24	14.93	14.07	14.51	14.70	14.14	14.53
11	15.12	14.23	14.54	14.35	14.03	14.17	15.08	14.12	14.68	14.90	14.56	14.72
12	14.97	14.09	14.39	14.10	13.96	14.05	14.65	14.13	14.39	14.80	13.90	14.19
13	14.54	14.32	14.44	14.07	13.93	14.00	14.90	14.02	14.51	14.72	14.11	14.37
14	14.74	14.18	14.49	14.01	13.96	13.99	14.76	14.01	14.37	15.19	14.03	14.54
15	14.81	14.11	14.47	14.23	13.90	14.06	14.78	14.05	14.36	15.38	14.03	14.79
16	14.59	14.03	14.27	15.04	13.87	14.57	15.03	14.21	14.84	14.84	14.28	14.57
17	14.68	14.36	14.57	15.11	14.32	14.79	15.04	14.65	14.86	15.00	14.42	14.72
18	14.47	14.20	14.28	14.71	14.12	14.39	15.14	14.23	14.83	15.16	14.26	14.77
19	14.55	14.40	14.48	14.55	13.97	14.28	15.20	14.25	14.93	14.56	14.19	14.33
20	14.68	14.44	14.59	14.78	14.14	14.54	15.42	14.66	14.99	14.84	14.08	14.43
21	14.73	14.49	14.60	14.78	14.27	14.56	15.18	14.09	14.64	14.90	13.71	14.42
22	14.73	14.17	14.41	14.60	14.07	14.30	15.36	14.24	15.07	14.49	13.70	14.22
23	14.66	14.23	14.37	15.12	14.58	14.86	15.50	14.29	14.95	14.72	13.97	14.43
24	14.66	14.21	14.41	15.04	14.13	14.59	15.13	14.18	14.59	14.49	13.87	14.09
25	14.75	14.61	14.71	14.78	14.09	14.44	14.62	14.32	14.49	14.69	14.34	14.53
26	14.61	14.37	14.44	14.33	13.98	14.09	14.62	14.31	14.47	14.46	14.06	14.26
27	14.78	14.52	14.71	14.42	14.05	14.31	14.69	14.33	14.46	15.04	14.09	14.61
28	14.77	14.27	14.61	14.54	14.00	14.29	15.23	14.69	15.01	14.60	14.29	14.34
29	14.34	14.16	14.24	14.24	13.88	14.03	15.04	14.47	14.78	14.40	14.09	14.27
30	14.92	14.34	14.71	14.67	13.88	14.22	14.79	14.14	14.42	14.79	14.28	14.58
31	14.64	14.55	14.60	---	---	---	14.77	14.17	14.48	14.41	13.85	14.12
MONTH	15.12	13.10	14.37	15.12	13.87	14.32	15.50	13.87	14.60	15.38	13.70	14.42

SAVANNAH RIVER BASIN

02196999 SAVANNAH RIVER AT NEW SAVANNAH BLUFF LOCK AND DAM AT AUGUSTA, GA--Continued

Gage height, feet
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	14.46	14.06	14.25	14.68	14.13	14.38	13.99	12.95	13.44	14.31	13.62	14.07
2	14.46	14.12	14.28	14.98	14.02	14.51	13.89	12.81	13.42	14.42	13.66	14.00
3	14.57	14.39	14.50	14.72	14.02	14.32	---	---	---	14.71	13.83	14.29
4	14.76	13.98	14.41	15.13	14.03	14.64	13.29	12.72	13.09	14.82	13.91	14.37
5	14.69	14.25	14.39	14.36	14.03	14.20	13.62	13.29	13.53	14.91	13.87	14.30
6	14.49	13.90	14.15	14.63	14.16	14.37	13.56	13.40	13.49	14.95	13.91	14.44
7	14.58	14.01	14.26	14.42	13.87	14.19	13.40	12.02	12.64	14.90	13.95	14.37
8	14.35	14.01	14.19	14.98	14.31	14.78	14.11	12.81	13.56	14.83	14.42	14.59
9	14.84	14.26	14.56	14.91	13.82	14.43	14.28	13.12	13.69	---	---	---
10	14.57	14.07	14.25	14.87	13.85	14.54	14.08	13.60	13.80	14.64	14.15	14.37
11	14.36	14.18	14.27	14.01	13.45	13.76	13.60	13.41	13.48	14.60	14.16	14.41
12	14.42	13.76	14.09	13.74	13.46	13.65	13.87	13.33	13.57	14.64	14.24	14.41
13	14.67	14.20	14.47	13.86	13.62	13.76	13.78	13.28	13.47	14.85	14.03	14.38
14	14.33	14.11	14.20	14.22	13.62	13.95	14.12	13.47	13.72	15.10	14.23	14.65
15	14.72	14.21	14.46	14.17	13.61	13.85	14.18	13.66	13.94	14.47	13.92	14.19
16	14.61	14.18	14.37	15.13	14.17	14.76	14.57	13.56	14.12	14.86	14.22	14.47
17	14.58	14.17	14.38	15.49	14.78	15.09	14.44	13.11	13.73	14.84	13.95	14.36
18	15.14	14.37	14.70	15.44	14.53	15.03	14.41	13.39	13.81	14.50	13.95	14.27
19	15.00	14.20	14.66	15.10	13.04	14.33	14.54	14.24	14.39	14.70	13.57	14.11
20	14.53	13.99	14.26	13.69	12.74	13.37	14.61	14.27	14.44	14.57	12.75	13.43
21	14.43	13.98	14.27	13.52	12.96	13.23	14.53	13.75	14.15	14.66	13.36	13.80
22	14.85	14.10	14.51	13.23	12.94	13.10	14.44	14.23	14.32	14.66	13.69	14.11
23	15.32	14.01	14.68	13.28	12.97	13.14	14.38	13.62	13.99	14.55	13.81	14.08
24	15.43	14.05	15.01	13.58	12.89	13.16	14.51	14.24	14.37	14.60	13.50	14.03
25	14.52	13.89	14.28	13.82	13.13	13.58	14.63	14.43	14.53	14.60	13.46	13.88
26	15.59	14.43	15.13	14.15	12.52	13.70	14.64	13.51	14.00	14.28	13.24	13.75
27	15.26	13.94	14.69	13.60	12.27	13.04	14.11	13.63	13.98	14.70	13.28	13.83
28	15.52	13.93	14.83	13.51	12.10	12.78	14.31	13.65	13.96	14.76	13.96	14.37
29	---	---	---	12.80	11.67	12.38	14.24	13.14	13.73	14.98	14.36	14.63
30	---	---	---	14.67	12.80	13.97	14.65	13.61	14.25	14.98	14.28	14.56
31	---	---	---	14.07	13.16	13.58	---	---	---	14.67	13.82	14.25
MONTH	15.59	13.76	14.45	15.49	11.67	13.92	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	14.19	13.73	13.98	14.85	14.30	14.53	14.24	13.30	13.71	---	---	---
2	13.73	12.94	13.51	14.84	14.58	14.70	14.73	13.69	14.14	14.58	14.07	14.27
3	13.74	12.93	13.15	15.03	14.64	14.88	14.58	13.80	14.06	14.56	14.12	14.40
4	13.91	12.86	13.29	14.87	14.49	14.71	14.42	13.61	13.90	14.42	14.15	14.27
5	13.76	12.98	13.16	14.83	14.25	14.55	14.25	13.43	13.85	14.56	14.13	14.34
6	13.28	12.99	13.14	14.82	13.29	14.03	14.21	13.80	13.91	14.49	13.81	14.03
7	14.50	13.14	13.64	14.59	13.47	13.92	14.24	13.62	13.85	14.60	14.02	14.21
8	14.79	13.84	14.20	14.29	12.54	13.34	14.26	13.67	13.89	14.61	14.10	14.39
9	14.95	13.97	14.39	14.35	13.01	13.46	14.25	13.54	13.80	14.60	14.33	14.51
10	15.05	13.87	14.30	13.89	13.01	13.39	14.44	12.96	13.63	14.45	13.71	13.98
11	---	---	---	13.92	13.11	13.46	14.00	12.99	13.39	14.41	14.07	14.21
12	14.55	13.88	14.07	14.26	13.83	14.03	14.01	12.86	13.37	14.21	13.95	14.09
13	14.56	13.64	14.08	14.25	13.20	13.46	13.99	13.08	13.46	14.23	13.98	14.13
14	14.60	13.07	13.75	14.59	13.61	14.10	14.10	13.29	13.64	14.21	13.98	14.06
15	14.65	12.57	13.52	14.33	13.97	14.14	13.91	11.82	12.87	14.31	13.58	13.99
16	14.72	13.01	13.71	14.40	13.81	14.12	14.37	13.29	13.84	14.03	13.54	13.84
17	14.18	13.87	14.01	14.44	13.99	14.18	14.27	13.41	13.79	14.40	14.03	14.21
18	14.16	13.71	13.95	14.89	14.01	14.38	14.56	13.36	13.78	14.38	14.06	14.23
19	14.22	13.86	14.04	14.89	13.92	14.30	14.56	13.64	14.09	14.54	14.03	14.18
20	14.84	13.32	13.93	14.61	13.98	14.28	14.66	14.12	14.41	14.81	14.54	14.73
21	14.85	13.16	13.77	14.26	13.27	13.72	14.61	13.92	14.29	14.78	14.30	14.64
22	14.64	13.88	14.21	14.38	13.65	14.00	14.59	13.40	14.07	14.30	13.86	14.04
23	14.63	13.81	14.12	14.33	13.47	13.95	14.54	13.61	14.08	14.38	13.97	14.17
24	14.76	14.06	14.22	14.66	13.17	13.86	14.40	13.85	14.12	14.48	14.10	14.33
25	14.85	14.32	14.51	14.67	13.46	14.00	14.45	13.83	14.16	14.24	14.05	14.13
26	14.99	14.40	14.70	14.16	12.86	13.48	14.56	14.16	14.39	14.73	14.14	14.47
27	14.80	14.31	14.58	14.09	13.16	13.59	14.33	13.47	13.91	14.78	14.44	14.55
28	14.61	14.44	14.55	13.91	13.32	13.63	14.21	13.35	13.83	14.61	13.80	14.18
29	14.58	14.44	14.52	14.22	13.59	13.75	14.26	13.93	14.18	14.69	13.33	13.87
30	14.94	14.43	14.70	14.27	13.29	13.79	---	---	---	13.93	13.53	13.73
31	---	---	---	14.21	13.19	13.72	---	---	---	---	---	---
MONTH	---	---	---	15.03	12.54	13.98	---	---	---	---	---	---