

SAVANNAH RIVER BASIN

611

02196485 AUGUSTA CANAL NEAR AUGUSTA, GA

LOCATION.--Lat 33°32'57'', long 82°02'17'', Columbia County, Hydrologic Unit 03060106, on right bank about 1,000 ft downstream of the Augusta City Lock and Dam near Augusta, Ga.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1996 to July 2003 (discontinued).

GAGE.--Data collection platform. Datum of gage is 148.92 ft above NGVD of 1929.

REMARKS.--No estimated daily discharges. Records fair. Flow regulated by gate operations at Augusta City Lock and Dam. Discharge record computed by utilization of a one-dimensional unsteady flow simulation model (BRANCH). An auxiliary gage (sta 02196500) is used in conjunction with this station for computation of discharge.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2800	2350	1880	1860	1850	1850	2390	2540	2350	1870	---	---
2	2720	2310	2250	1860	1860	1860	2530	2530	2760	---	---	---
3	2840	2150	2400	1860	1860	1860	2630	2410	2810	---	---	---
4	2990	2210	2590	2270	2270	2270	2480	2240	2480	---	---	---
5	2980	2380	2460	2590	2590	2590	2460	2320	2500	---	---	---
6	2080	2460	2350	2750	2750	2750	2080	2140	2360	---	---	---
7	2410	2300	2220	2290	2290	2290	2230	2280	2310	---	---	---
8	2550	2600	1890	2430	2430	2430	2310	2400	2090	---	---	---
9	2430	2360	2330	2650	2640	2650	2280	2410	2570	---	---	---
10	2440	1910	2340	2700	2700	2700	2270	2180	2480	---	---	---
11	2460	2130	2190	2600	2600	2600	2490	2220	2390	---	---	---
12	2680	2250	2300	2520	2520	2520	2450	2520	2610	---	---	---
13	2250	2450	2040	2330	2330	2330	2120	2540	2290	---	---	---
14	2370	2340	2280	2020	2020	2020	2620	2660	2020	---	---	---
15	2420	2360	2280	2530	2530	2530	2560	2750	1930	---	---	---
16	2420	2120	2260	2560	2560	2560	2550	2250	2210	---	---	---
17	2420	1940	2260	2550	2550	2550	2520	1980	2140	---	---	---
18	2490	2390	1990	2560	2560	2560	2480	1980	2230	---	---	---
19	2480	2510	2350	2440	2440	2440	2190	2300	2460	---	---	---
20	2210	2530	2560	2490	2490	2490	1990	2490	2480	---	---	---
21	2460	2380	2580	2190	2190	2190	2430	2270	2240	---	---	---
22	2480	2370	2300	2580	2580	2580	2510	2050	2160	---	---	---
23	2560	2370	1880	2590	2590	2590	2510	2220	2440	---	---	---
24	2570	2000	1720	2530	2530	2530	2540	1860	2760	---	---	---
25	2460	2260	1820	2600	2600	2600	2410	2050	2840	---	---	---
26	2430	2290	1890	2570	2570	2570	2030	2250	2610	---	---	---
27	1920	2300	1750	2490	2490	2490	1890	2290	2570	---	---	---
28	---	2020	1830	2070	2070	2070	2390	2310	2290	---	---	---
29	---	1920	1850	2450	---	2450	2570	2520	2400	---	---	---
30	---	1810	1850	2330	---	2330	2500	2480	2140	---	---	---
31	2430	---	1860	2410	---	2410	---	2180	---	---	---	---
TOTAL	---	67770	66550	74670	67460	74660	71410	71620	71920	---	---	---
MEAN	---	2259	2147	2409	2409	2408	2380	2310	2397	---	---	---
MAX	---	2600	2590	2750	2750	2750	2630	2750	2840	---	---	---
MIN	---	1810	1720	1860	1850	1850	1890	1860	1930	---	---	---

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2003, BY WATER YEAR (WY)

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	
MEAN	2819	2518	2415	2441	2476	2339	2350	2412	2447	2505	2695	2659
MAX	3031	2696	2693	2617	2636	2617	2662	2824	2842	2817	2924	2981
(WY)	1998	2001	1999	2002	2002	2002	1999	1997	2002	2002	2001	2001
MIN	2298	2121	2021	2060	2232	1254	1313	2055	2110	2186	2216	2412
(WY)	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	1998	2002

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02196485 AUGUSTA CANAL NEAR AUGUSTA, GA--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1997 - 2003	
ANNUAL MEAN					2516	
HIGHEST ANNUAL MEAN					2665	2002
LOWEST ANNUAL MEAN					2092	2000
HIGHEST DAILY MEAN	3120	Jul 18	2990	Oct 4	3330	Oct 21 1998
LOWEST DAILY MEAN	1720	Dec 24	1720	Dec 24	1140	Apr 9 2000
ANNUAL SEVEN-DAY MINIMUM	1820	Dec 24	1820	Dec 24	1200	Mar 6 2000
MAXIMUM PEAK STAGE			7.83	Jan 4	8.63	Oct 21 1998
10 PERCENT EXCEEDS					3000	
50 PERCENT EXCEEDS					2580	
90 PERCENT EXCEEDS					1980	

