

**SAVANNAH RIVER BASIN
2001 Water Year**

02196485 AUGUSTA CANAL NEAR AUGUSTA, GA

LOCATION.--Lat 33°32'57", long 82°02'17", Columbia County, Hydrologic Unit 03060106, 1,000 feet downstream of the Augusta City Lock and Dam near Augusta.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1996 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 148.92 feet above sea level.

REMARKS.--Records fair, except for estimated daily discharges, which are poor. 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 (station 02196500) is used in conjunction with this station for computation of discharge. This station is operated by the USGS, South Carolina District. For more information, please check <http://sc.water.usgs.gov>.

STATION NUMBER 02196485 AUGUSTA CANAL NR AUGUSTA (UPPER) STREAM SOURCE AGENCY USGS
 LATITUDE 333257 LONGITUDE 0820217 DRAINAGE AREA 0.00 DATUM 148.92 STATE 13 COUNTY 073
 , PUBLISHED
 DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2390	2880	3050	2600	2600	2590	1550	2670	2000	2190	2840	3210
2	2780	2760	2730	2360	2360	2360	2150	2850	2190	2160	2850	2840
3	2990	2880	2320	2590	2590	2590	2480	2810	2090	2530	2670	2430
4	2900	2860	2660	2670	2670	2670	2470	2290	2170	2560	2600	2820
5	3060	2370	2830	2710	2710	2710	2590	2190	2160	2480	2310	3090
6	3070	2720	2720	2750	2750	2750	2460	2090	2240	2500	2460	3100
7	2390	2960	2670	2690	2690	2690	2430	1990	2410	2570	2660	3040
8	2250	2950	2810	2620	2620	2620	1840	1940	2170	2130	2950	3230
9	2810	2890	2620	2340	2340	2340	2420	2080	2210	2210	3140	2980
10	2920	2610	2300	2600	2600	2600	2610	2080	2180	2270	2960	3070
11	3060	2420	2650	2650	2660	2660	2610	2080	2130	2680	2910	3110
12	3080	2420	2750	2670	2680	2680	2540	2050	1870	2700	2500	3090
13	3020	2840	2840	2610	2610	2610	2590	2060	1900	2490	2970	3090
14	3100	3010	2690	2590	2580	2580	2480	2100	2040	2290	2760	3180
15	2410	3090	2700	2560	2560	2560	1260	2120	2260	2240	2700	3130
16	2790	3020	2610	2320	2320	2320	2240	2110	2140	2520	3030	2660
17	3050	2850	2330	2560	2560	2560	2590	2260	2280	2650	3100	3080
18	3190	2710	2730	2630	2630	2630	2630	2410	2250	2660	3060	3150
19	2920	2290	2620	2590	2580	2580	2570	2190	2240	2640	2430	3020
20	2880	2730	2720	2530	2530	2530	2630	2090	2270	2460	2680	3030
21	2760	2850	2750	2320	2310	2310	2040	2080	2300	2350	2970	3060
22	2340	2680	2780	2280	2280	2280	1920	2060	2210	2260	3210	2520
23	2780	2230	2660	2510	2510	2510	2420	2330	2280	2480	3190	2460
24	2950	2260	2000	2580	2580	2580	2610	2370	2220	2610	3090	2970
25	2900	2250	1780	2500	2500	2500	2390	2390	2300	2370	3070	3200
26	2890	2400	1840	2480	2480	2480	2450	2240	2430	2300	3170	3080
27	3020	2650	2520	2580	2580	2580	2610	2110	2600	2320	3260	3030
28	2970	2700	2650	2610	2610	2610	2130	2300	2120	2310	3260	3050
29	2330	2690	2690	2370	---	2370	2050	2110	2210	2300	3260	3040
30	2740	2910	2590	2260	---	2260	2410	2220	2120	2310	3280	2670
31	2940	---	2360	2400	---	2400	---	2190	---	2410	3300	---
TOTAL	87680	80880	79970	78530	71490	78510	70170	68860	65990	74950	90640	89430
MEAN	2828	2696	2580	2533	2553	2533	2339	2221	2200	2418	2924	2981
MAX	3190	3090	3050	2750	2750	2750	2630	2850	2600	2700	3300	3230
MIN	2250	2230	1780	2260	2280	2260	1260	1940	1870	2130	2310	2430

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2001, BY WATER YEAR (WY)

	1997	1998	1999	2000	2001
MEAN	2788	2555	2431	2413	2457
MAX	3031	2696	2693	2535	2567
(WY)	1998	2001	1999	1998	1998
MIN	2298	2121	2021	2060	2232
(WY)	2000	2000	2000	2000	2000

SUMMARY STATISTICS

	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1997 - 2001
ANNUAL TOTAL	816640	937100	
ANNUAL MEAN	2231	2567	2486
HIGHEST ANNUAL MEAN			2648
LOWEST ANNUAL MEAN			2092
HIGHEST DAILY MEAN	3220	Aug 16	3330
LOWEST DAILY MEAN	1140	Apr 9	1140
ANNUAL SEVEN-DAY MINIMUM	1200	Mar 6	1200
MAXIMUM PEAK STAGE		8.10	8.63
10 PERCENT EXCEEDS	2950	3050	3000
50 PERCENT EXCEEDS	2360	2590	2560
90 PERCENT EXCEEDS	1260	2150	1920

STATISTICS COMPUTED BY: twcooney

DATE: 04/04/2002 AT: 16:20:35