

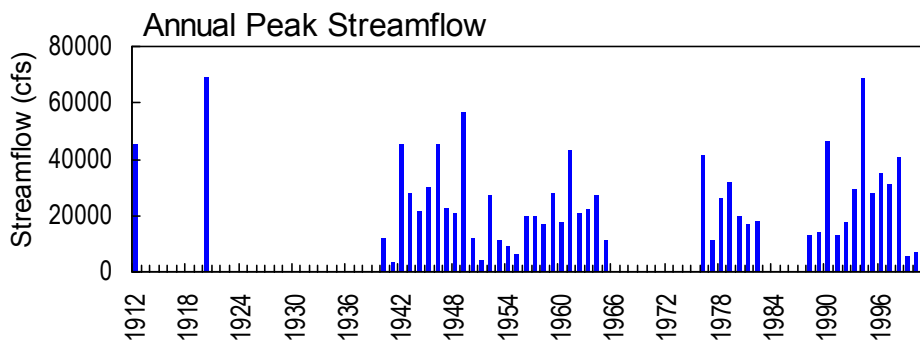
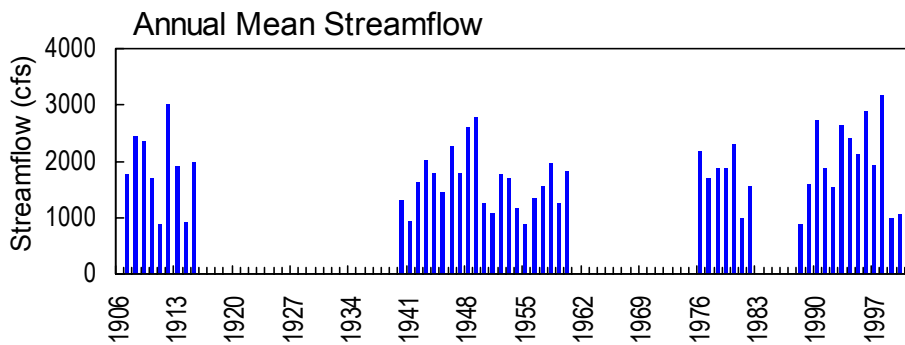
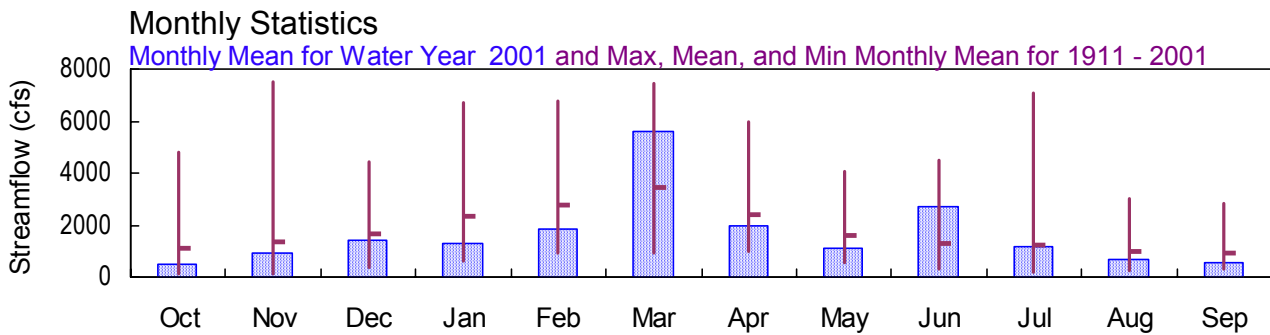
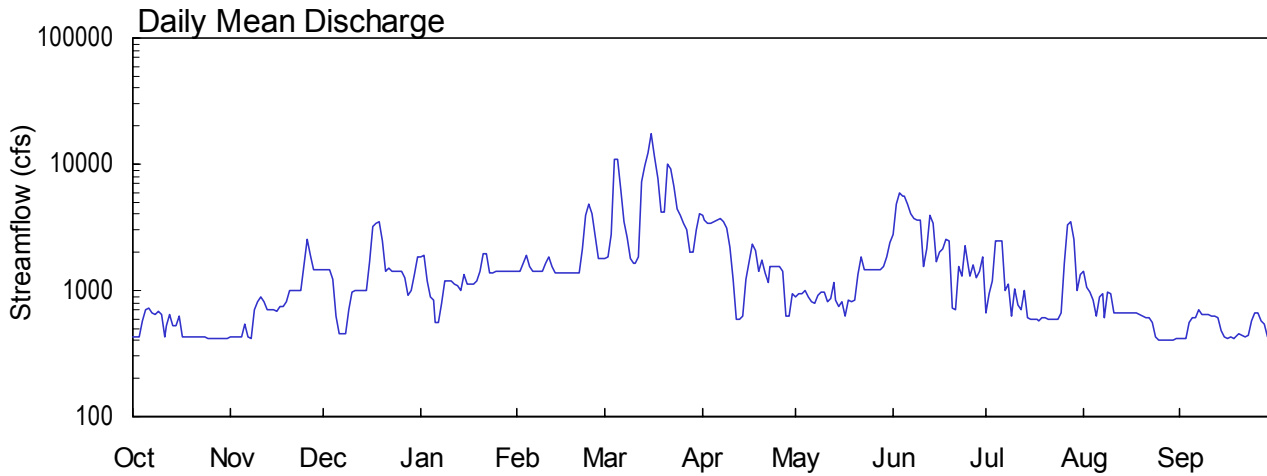


ALTAMAHA RIVER BASIN

2001 Water Year

02210500 OCMULGEE RIVER NEAR JACKSON, GA

Latitude: 33° 18' 28" Longitude: 83° 50' 18" Hydrologic Unit Code: 03070103 Butts County
Drainage Area: 1420 mi² Datum: 419.3 feet Period of Record: 1911 - 2001



**ALTAMAHA RIVER BASIN
2001 Water Year**

02210500 OCMULGEE RIVER NEAR JACKSON, GA

LOCATION.--Lat 33°18'27", long 83°50'18", Butts-Jasper County line, Hydrologic Unit 03070103, on right bank 500 feet upstream from bridge on GA Highway 16, 0.5 miles upstream from Yellow Water Creek, 1.0 mile downstream from Lloyd Shoals Dam, and 7.0 miles east of Jackson.

DRAINAGE AREA.--1,420 mi², approximately.

COOPERATION.—Georgia Power Corporation.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May 1906 to September 1915, August 1939 to September 1960, October 1975 to September 1982, March 1987 to current year.

GAGE.--Satellite telemetry with a water-stage recorder. Datum of gage is 419.29 feet above sea level. Prior to January 1, 1913, staff gages were located at this site. From January 1 to December 31, 1913, a water-stage recorder was located at this site. From January 1, 1914 to December 31, 1915, a staff gage was located at this site. From August 1, 1939 to September 30, 1960 and from October 1, 1975 to September 30, 1982, a water-stage recorder was located at this site. All were at present site and gage datum.

REMARKS.--Records good. Flow regulated by Lloyd Shoals Reservoir since November 1910. Average discharge adjusted for storage was published for records prior to October 1, 1999.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum gage-height, 26.8 feet, Dec. 11, 1919, from graph based on gage readings, discharge, 69,000 ft³/s, by computation of flow over dam.

**ALTAMAHA RIVER BASIN
2001 Water Year**

02210500 OCMULGEE RIVER NEAR JACKSON, GA--continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.--May 1906 to September 1915, August 1939 to September 1960, October 1975 to September 1982, March 1987 to current year.

GAGE.--Satellite telemetry with a water-stage recorder. Datum of gage is 419.29 feet above sea level. Prior to January 1, 1913, staff gages were located at this site. From January 1 to December 31, 1913, a water-stage recorder was located at this site. From January 1, 1914 to December 31, 1915, a staff gage was located at this site. From August 1, 1939 to September 30, 1960 and from October 1, 1975 to September 30, 1982, a water-stage recorder was located at this site. All were at present site and gage datum.

REMARKS.--Records good.

EXTREMES FOR CURRENT YEAR.--Maximum gage-height recorded, 11.89 feet, March 16; minimum gage-height recorded, 3.93 feet, August 24, 28-30.

PRECIPITATION RECORDS

PERIOD OF RECORD.--December 21, 2000 to September 30, 2001.

GAGE.--Tipping-bucket raingage.

REMARKS.--Records good.

STATION NUMBER 02210500 OCMULGEE RIVER NEAR JACKSON, GA STREAM SOURCE AGENCY USGS
 LATITUDE 331828 LONGITUDE 0835018 DRAINAGE AREA 1420.00 DATUM 419.29 STATE 13 COUNTY 035

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	434	425	1460	1840	1430	1800	3910	899	2780	660	1420	417
2	433	425	1460	1890	1430	1860	3560	930	4760	955	1070	417
3	433	425	1460	1190	1650	2750	3420	954	5890	1200	960	417
4	578	425	1240	893	1890	11000	3420	1010	5550	2460	840	561
5	707	425	632	836	1570	10900	3530	900	5570	2460	622	618
6	716	538	449	552	1410	6230	3620	813	4760	2460	888	618
7	660	435	449	552	1410	3510	3680	783	4050	1000	949	700
8	654	422	449	802	1410	2620	3500	924	3760	1130	606	648
9	684	714	705	1180	1410	1800	3140	966	3630	636	968	642
10	640	822	984	1180	1650	1640	2220	969	3600	1030	951	638
11	425	879	995	1180	1850	1640	1240	804	1550	761	659	636
12	528	825	1010	1130	1530	1870	589	864	2160	712	658	625
13	650	697	1010	1100	1360	7180	593	1170	3970	999	658	618
14	525	699	1010	1010	1360	9760	620	832	3400	618	658	481
15	527	702	1010	1320	1360	12100	1230	738	1700	585	658	425
16	629	693	1680	1130	1360	17200	1680	804	2000	590	658	423
17	433	750	3190	1130	1370	11600	2340	620	2110	589	658	425
18	433	746	3440	1140	1380	7660	2060	841	2560	579	658	422
19	429	824	3460	1190	1380	4140	1400	819	2490	601	654	446
20	425	997	2440	1430	1380	4150	1750	835	723	606	634	449
21	425	997	1430	1930	1380	10000	1370	1340	698	599	618	441
22	425	997	1510	1930	2140	9270	1150	1860	1570	599	618	433
23	425	997	1430	1380	3920	6590	1530	1450	1300	593	551	439
24	425	997	1430	1380	4790	4360	1550	1450	2250	592	429	573
25	421	1590	1430	1400	4040	3980	1550	1460	1530	674	410	657
26	417	2550	1430	1410	2680	3450	1560	1450	1310	1650	411	658
27	417	1900	1280	1410	1780	3070	1420	1440	1580	3270	410	577
28	417	1440	920	1410	1800	1990	628	1450	1270	3480	407	537
29	417	1440	988	1410	---	2000	628	1560	1420	2570	402	425
30	417	1450	1350	1420	---	3020	951	1850	1870	995	411	424
31	422	---	1860	1430	---	4020	---	2420	---	1340	417	---
TOTAL	15571	27226	43591	39185	52120	173160	59839	35205	81811	36993	20911	15790
MEAN	502	908	1406	1264	1861	5586	1995	1136	2727	1193	675	526
MAX	716	2550	3460	1930	4790	17200	3910	2420	5890	3480	1420	700
MIN	417	422	449	552	1360	1640	589	620	698	579	402	417
CFSM	.35	.64	.99	.89	1.31	3.93	1.40	.80	1.92	.84	.48	.37
IN.	.41	.71	1.14	1.03	1.37	4.54	1.57	.92	2.14	.97	.55	.41

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1911 - 2001, BY WATER YEAR (WY)

	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
MEAN	1095	1384	1657	2345	2800	3445	2399	1630	1277	1238	984	923																																																																															
MAX	4805	7493	4427	6735	6788	7434	5949	4073	4496	7089	3002	2842																																																																															
(WY)	1996	1949	1993	1946	1998	1952	1979	1980	1912	1994	1994	1994																																																																															
MIN	119	98.6	370	593	910	906	954	571	308	155	253	299																																																																															
(WY)	1955	1955	1955	1956	1941	1988	1999	2000	1988	1988	1988	1999																																																																															

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1911 - 2001

ANNUAL TOTAL	381897	601402	
ANNUAL MEAN	1043	1648	1763
HIGHEST ANNUAL MEAN			3165
LOWEST ANNUAL MEAN			866
HIGHEST DAILY MEAN	5900	Sep 2	17200
LOWEST DAILY MEAN	246	Aug 22	402
ANNUAL SEVEN-DAY MINIMUM	250	Aug 17	410
MAXIMUM PEAK FLOW			18200
MAXIMUM PEAK STAGE			11.89
ANNUAL RUNOFF (CFSM)	.73		1.16
ANNUAL RUNOFF (INCHES)	10.00		15.76
10 PERCENT EXCEEDS	2020		3500
50 PERCENT EXCEEDS	698		1100
90 PERCENT EXCEEDS	344		429

STATISTICS COMPUTED BY: kerestes

DATE: 02/07/2002 AT: 14:20:50

STATION NUMBER 02210500 OCMULGEE RIVER NEAR JACKSON, GA STREAM SOURCE AGENCY USGS
 LATITUDE 331828 LONGITUDE 0835018 DRAINAGE AREA 1420.00 DATUM 419.29 STATE 13 COUNTY 035

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.97	3.96	4.82	5.03	4.80	5.04	5.96	4.35	5.45	4.19	4.70	3.95
2	3.97	3.96	4.82	5.06	4.80	5.10	5.81	4.36	6.32	4.38	4.46	3.95
3	3.97	3.96	4.82	4.61	4.92	5.45	5.75	4.38	6.80	4.52	4.39	3.95
4	4.11	3.96	4.66	4.41	5.05	8.98	5.75	4.42	6.66	5.30	4.31	4.09
5	4.24	3.96	4.16	4.35	4.88	8.96	5.79	4.35	6.66	5.30	4.15	4.15
6	4.25	4.07	3.99	4.11	4.79	6.94	5.83	4.30	6.32	5.30	4.34	4.15
7	4.19	3.97	3.99	4.11	4.79	5.78	5.86	4.28	6.02	4.42	4.39	4.21
8	4.19	3.96	3.99	4.31	4.79	5.39	5.78	4.38	5.90	4.48	4.14	4.18
9	4.22	4.24	4.24	4.62	4.79	5.00	5.61	4.41	5.84	4.17	4.39	4.17
10	4.17	4.35	4.50	4.62	4.92	4.92	5.17	4.41	5.83	4.43	4.39	4.17
11	3.96	4.40	4.51	4.61	5.03	4.92	4.59	4.29	4.69	4.27	4.19	4.17
12	4.07	4.35	4.52	4.58	4.86	5.04	4.13	4.34	5.08	4.23	4.19	4.16
13	4.19	4.23	4.52	4.55	4.76	7.36	4.13	4.57	5.99	4.40	4.19	4.15
14	4.06	4.23	4.52	4.49	4.76	8.48	4.16	4.31	5.73	4.15	4.19	4.02
15	4.06	4.24	4.52	4.73	4.76	9.42	4.56	4.24	4.85	4.13	4.19	3.96
16	4.17	4.23	4.87	4.58	4.76	11.51	4.89	4.29	5.04	4.13	4.19	3.96
17	3.97	4.28	5.64	4.57	4.76	9.26	5.21	4.15	5.09	4.13	4.19	3.96
18	3.97	4.27	5.76	4.58	4.77	7.56	5.06	4.32	5.35	4.12	4.19	3.96
19	3.96	4.35	5.76	4.62	4.77	6.06	4.72	4.30	5.32	4.14	4.19	3.98
20	3.96	4.51	5.28	4.80	4.77	6.06	4.93	4.32	4.24	4.14	4.17	3.98
21	3.96	4.51	4.80	5.04	4.77	8.59	4.66	4.65	4.22	4.14	4.15	3.97
22	3.96	4.51	4.85	5.04	5.14	8.26	4.51	5.01	4.76	4.14	4.15	3.97
23	3.96	4.51	4.80	4.77	5.96	7.09	4.81	4.78	4.59	4.13	4.09	3.98
24	3.96	4.51	4.80	4.77	6.34	6.16	4.83	4.78	5.17	4.13	3.96	4.10
25	3.95	4.84	4.80	4.78	6.02	5.99	4.83	4.78	4.75	4.20	3.94	4.19
26	3.95	5.36	4.80	4.79	5.40	5.76	4.84	4.77	4.65	4.87	3.94	4.19
27	3.95	5.03	4.68	4.79	4.99	5.58	4.74	4.77	4.83	5.67	3.94	4.12
28	3.95	4.81	4.45	4.79	5.00	5.03	4.16	4.77	4.62	5.77	3.94	4.07
29	3.95	4.81	4.50	4.79	---	5.08	4.16	4.84	4.68	5.35	3.93	3.96
30	3.95	4.81	4.72	4.80	---	5.56	4.38	4.97	4.95	4.41	3.94	3.96
31	3.96	---	5.04	4.80	---	6.01	---	5.28	---	4.65	3.95	---
MEAN	4.04	4.37	4.71	4.66	5.01	6.66	4.99	4.52	5.35	4.51	4.18	4.06
MAX	4.25	5.36	5.76	5.06	6.34	11.51	5.96	5.28	6.80	5.77	4.70	4.21
MIN	3.95	3.96	3.99	4.11	4.76	4.92	4.13	4.15	4.22	4.12	3.93	3.95

STATION NUMBER 02210500 OCMULGEE RIVER NEAR JACKSON, GA STREAM SOURCE AGENCY USGS
 LATITUDE 331828 LONGITUDE 0835018 DRAINAGE AREA 1420.00 DATUM 419.29 STATE 13 COUNTY 035

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
 DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	.00	.00	.00	.00	.00	.91	.15	.00	.01
2	---	---	---	.00	.00	.72	.00	.00	.00	.33	.00	.05
3	---	---	---	.00	.00	2.54	1.19	.00	.51	2.33	.00	.33
4	---	---	---	.00	.00	.01	.00	.00	.28	.02	.00	.00
5	---	---	---	.00	.00	.00	.08	.00	.59	.00	.00	.00
6	---	---	---	.00	.00	.00	.00	.00	.00	.00	.01	.00
7	---	---	---	.11	.00	.00	.00	.00	.10	.00	.04	.00
8	---	---	---	.55	.00	.00	.00	.00	.18	.01	.01	.00
9	---	---	---	.00	.00	.00	.00	.00	.19	.00	.00	.00
10	---	---	---	.00	.20	.00	.00	.04	.00	.00	.00	.00
11	---	---	---	.08	.00	.00	.00	.01	1.03	.00	.64	.00
12	---	---	---	.23	.46	2.23	.00	.02	1.12	.00	.15	.00
13	---	---	---	.00	.02	.00	.28	.00	.30	.00	.08	.00
14	---	---	---	.00	.01	.60	.01	.00	.25	.00	.00	.00
15	---	---	---	.02	.00	1.58	.69	.00	.03	.00	.00	.00
16	---	---	---	.17	.62	.00	.00	.00	.01	.00	.00	.00
17	---	---	---	.01	.18	.00	.00	.00	.00	.00	.00	.00
18	---	---	---	.00	.00	.00	.00	.00	.00	.00	.08	.00
19	---	---	---	.92	.00	.11	.00	.22	.00	.52	.01	.00
20	---	---	---	.00	.00	1.75	.00	.02	.00	.00	.00	.00
21	---	---	.22	.00	.00	.00	.00	.00	.45	.00	.00	.00
22	---	---	.00	.00	1.54	.00	.00	.88	.77	.00	.00	.00
23	---	---	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.46
24	---	---	.00	.00	.00	.00	.03	.21	.00	.66	.00	.88
25	---	---	.00	.00	.34	.02	.16	.07	.00	.79	.00	.00
26	---	---	.00	.00	.00	.00	.00	.00	.00	.01	.11	.00
27	---	---	.09	.00	.03	.00	.00	.13	.00	.00	.00	.00
28	---	---	.63	.00	.04	.00	.00	.36	.19	.15	.00	.00
29	---	---	.00	.12	---	1.34	.00	1.85	.01	.21	.06	.00
30	---	---	.01	.61	---	.00	.00	.01	.01	.01	.01	.00
31	---	---	.00	.00	---	.00	---	.00	---	.00	.25	---
TOTAL	---	---	---	2.82	3.44	10.90	2.44	3.82	6.93	5.19	1.45	3.73