

ALTAMAHA RIVER BASIN

02217500

MIDDLE OCONEE RIVER NEAR ATHENS, GA.

Latitude: 33° 56' 48" Longitude: 83° 25' 22" Hydrologic Unit Code: 03070101

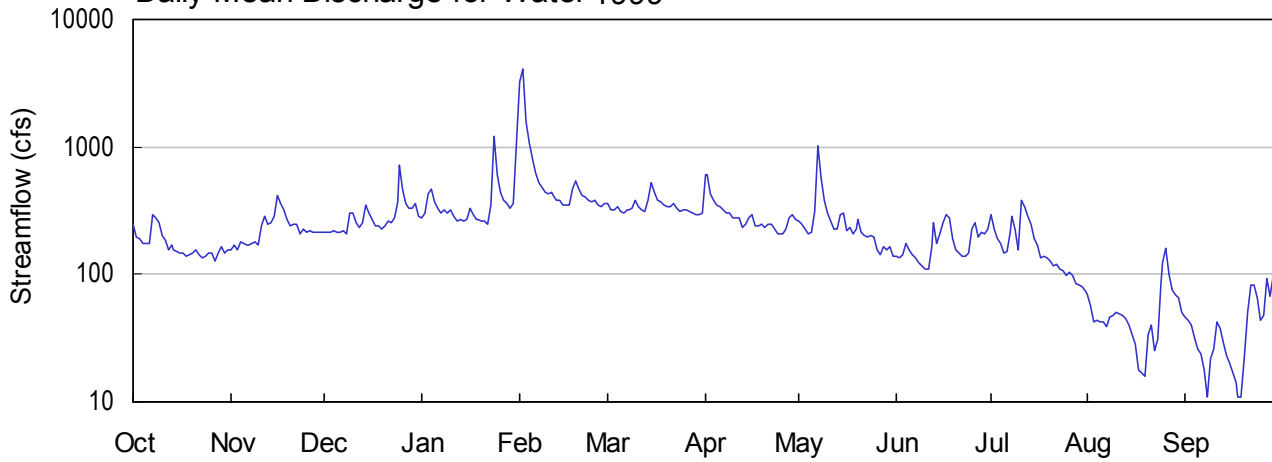
Clarke County

Drainage Area: 392.00 mi²

Datum: 555.6 feet

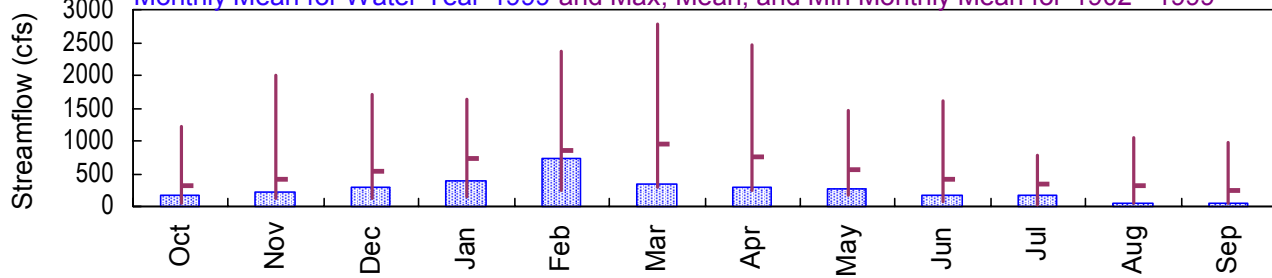
Period of Record: 1902 - 1999

Daily Mean Discharge for Water 1999

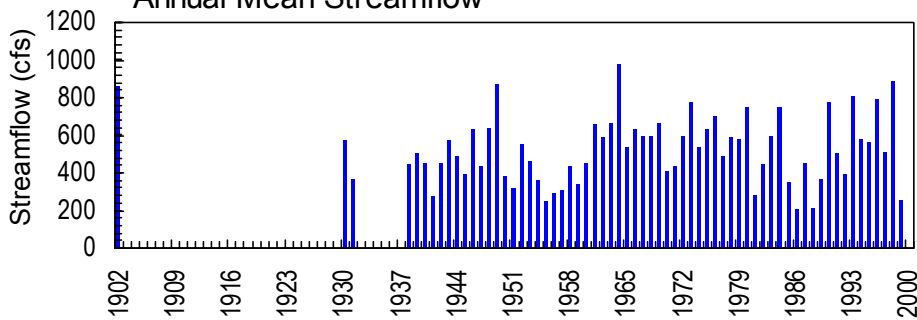


Monthly Statistics

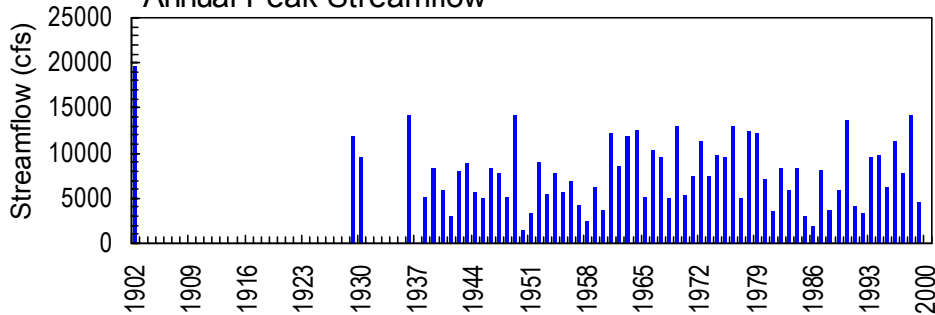
Monthly Mean for Water Year 1999 and Max, Mean, and Min Monthly Mean for 1902 - 1999



Annual Mean Streamflow



Annual Peak Streamflow



02217500 - Middle Oconee River near Athens, GA - March 12, 1973

**ALTAMAHA RIVER BASIN
1999 Water Year**

02217500 MIDDLE OCONEE RIVER NEAR ATHENS, GA

LOCATION.--Lat 33°56'58", long 83°25'43", Clarke County, Hydrologic Unit 03070101, on left bank 0.5 miles upstream from U.S. Highway 78 and U.S. Highway 29 Bus., 2.0 miles west of Athens, and 5.0 miles upstream from Barber Creek.

DRAINAGE AREA.--398 mi².

PERIOD OF RECORD.--October 1901 to September 1902, January 1929 to March 1932, May 1937 to current year.

REVISED RECORDS.--WDR GA-95-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 555.66 feet above sea level. From October 11, 1901 to October 25, 1902, non-recording gage located at site 1.0 mile upstream at different datum. From January 16, 1929 to March 15, 1932 and April 29, 1937 to September 30, 1940, water-stage recorder at site 4.0 miles downstream at different datum.

REMARKS.--Records good. Records of chemical analyses for the water years 1968-74 are published in reports of the U.S. Geological Survey. Diversion of water occurs upstream from station for municipal supply of Athens.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 3,800 ft³/s and maximum (*):

DATE	TIME	DISCHARGE (ft ³ /s)	GAGE HEIGHT (ft)
Feb. 2	0900	4,580*	10.40*

STATION NUMBER 02217500 MIDDLE OCONEE RIVER NEAR ATHENS, GA. STREAM SOURCE AGENCY USGS
 LATITUDE 335648 LONGITUDE 0832522 DRAINAGE AREA 392.00 DATUM 555.66 STATE 13 COUNTY 059

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	247	154	216	280	3220	361	598	264	137	292	70	46
2	199	169	214	303	4030	319	601	244	136	225	57	44
3	193	154	217	427	1580	321	429	227	141	192	43	40
4	177	179	221	471	1070	339	383	208	173	177	44	32
5	176	173	216	371	819	316	353	212	155	147	43	26
6	176	169	213	334	616	307	336	313	141	151	42	24
7	290	170	221	304	532	324	317	1020	134	211	39	18
8	274	175	209	319	484	318	307	576	122	284	46	11
9	255	180	301	307	446	332	301	386	115	228	47	22
10	200	170	305	317	433	385	276	302	111	157	50	26
11	187	238	252	283	436	344	276	265	111	382	49	42
12	156	289	235	264	413	320	277	228	163	336	48	38
13	169	248	256	270	383	308	235	228	251	288	45	29
14	156	257	346	262	380	385	250	296	174	250	40	23
15	151	289	303	272	349	524	275	302	208	193	34	20
16	148	416	269	327	353	436	293	219	256	168	28	17
17	145	359	243	290	349	380	242	231	291	134	18	14
18	139	322	239	271	462	368	240	205	279	140	17	11
19	141	266	228	267	538	352	246	227	189	133	16	11
20	145	240	241	259	463	337	236	271	156	126	34	23
21	158	245	259	262	421	336	250	214	145	118	40	50
22	141	244	252	247	405	363	248	201	140	120	25	83
23	136	210	274	348	379	327	225	199	137	111	31	83
24	139	226	375	1230	371	315	210	201	147	106	86	66
25	145	217	719	614	377	324	210	197	226	98	122	44
26	149	220	467	444	354	325	205	157	256	103	162	48
27	126	215	355	385	344	314	224	142	195	97	102	93
28	146	213	329	360	359	300	280	163	217	86	76	68
29	165	213	328	331	---	296	294	157	210	83	70	98
30	146	214	356	364	---	291	266	164	226	80	65	187
31	156	---	286	1070	---	303	---	139	---	74	51	---

TOTAL	5331	6834	8945	11853	20366	10570	8883	8158	5342	5290	1640	1337
MEAN	172	228	289	382	727	341	296	263	178	171	52.9	44.6
MAX	290	416	719	1230	4030	524	601	1020	291	382	162	187
MIN	126	154	209	247	344	291	205	139	111	74	16	11
CFSM	.44	.58	.74	.98	1.86	.87	.76	.67	.45	.44	.13	.11
IN.	.51	.65	.85	1.12	1.93	1.00	.84	.77	.51	.50	.16	.13

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1902 - 1999, BY WATER YEAR (WY)

MEAN	313	409	544	729	846	954	746	549	409	334	305	247
MAX	1223	2002	1709	1624	2366	2779	2458	1475	1611	778	1056	978
(WY)	1996	1949	1984	1972	1902	1929	1964	1976	1963	1938	1994	1929
MIN	42.3	113	123	140	251	285	233	162	63.6	25.3	40.8	44.6
(WY)	1955	1956	1956	1956	1986	1988	1986	1988	1988	1986	1986	1999

SUMMARY STATISTICS

FOR 1998 CALENDAR YEAR

FOR 1999 WATER YEAR

WATER YEARS 1902 - 1999

ANNUAL TOTAL	286684		94549				
ANNUAL MEAN	785		259		526		
HIGHEST ANNUAL MEAN					977		
LOWEST ANNUAL MEAN					202		
HIGHEST DAILY MEAN	13300	Feb 5	4030	Feb 2	19600	Feb 28 1902	
LOWEST DAILY MEAN	123	Sep 28	11	Sep 8	8.2	Aug 8 1986	
ANNUAL SEVEN-DAY MINIMUM	140	Oct 22	17	Sep 14	12	Jul 17 1986	
INSTANTANEOUS PEAK FLOW			4580	Feb 2	19600	Feb 28 1902	
INSTANTANEOUS PEAK STAGE			10.40	Feb 2	25.50	Feb 28 1902	
ANNUAL RUNOFF (CFSM)	2.00		.66		1.34		
ANNUAL RUNOFF (INCHES)	27.21		8.97		18.22		
10 PERCENT EXCEEDS	1470		385		930		
50 PERCENT EXCEEDS	387		226		355		
90 PERCENT EXCEEDS	170		46		148		

STATISTICS COMPUTED BY: gabailey

DATE: 03/02/2000 AT: 09:06:27