

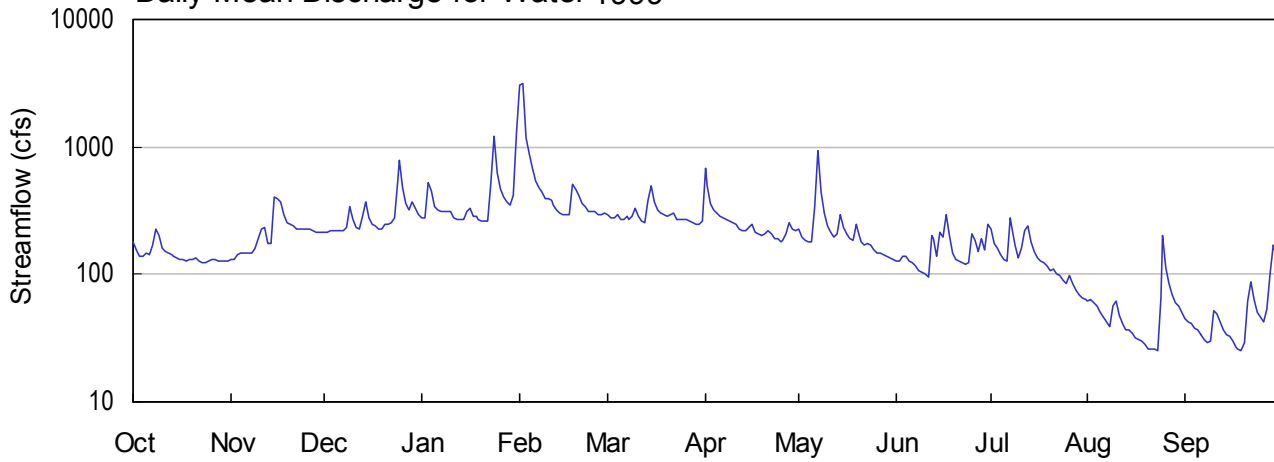
ALTAMAHA RIVER BASIN

02217475

MIDDLE OCONEE RIVER NEAR ARCADE, GA.

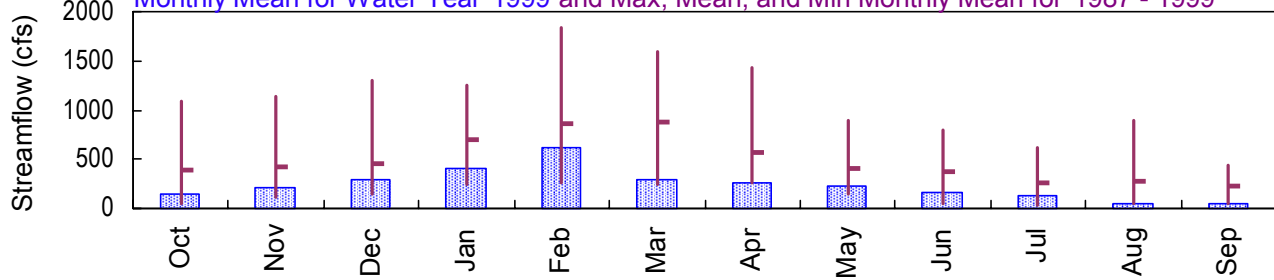
Latitude: 34° 01' 54" Longitude: 83° 33' 48" Hydrologic Unit Code: 03070101 Jackson County  
 Drainage Area: 332.00 mi<sup>2</sup> Datum: 656.5 feet Period of Record: 1987 - 1999

Daily Mean Discharge for Water 1999

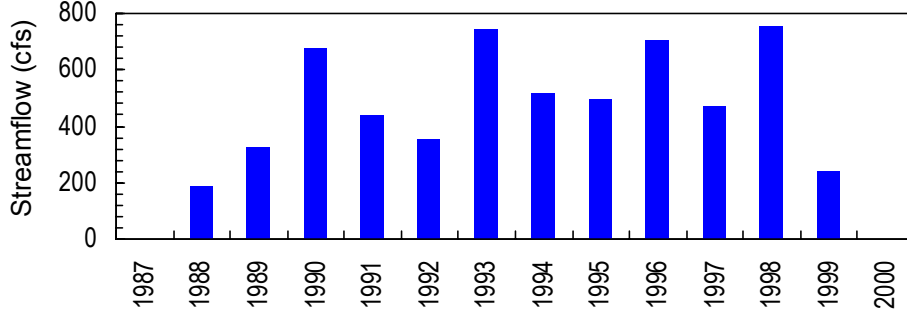


Monthly Statistics

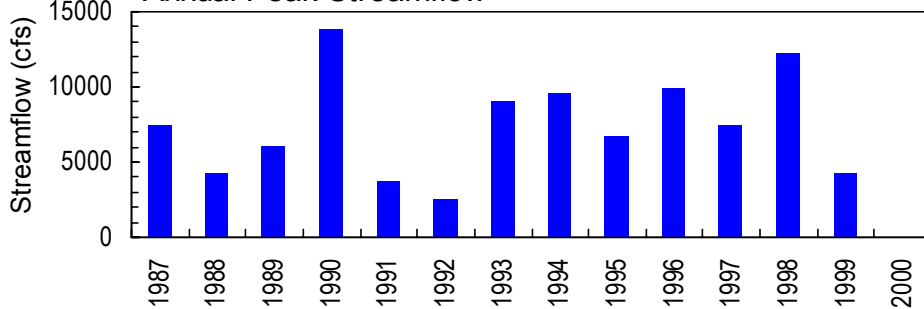
Monthly Mean for Water Year 1999 and Max, Mean, and Min Monthly Mean for 1987 - 1999



Annual Mean Streamflow



Annual Peak Streamflow



02217475 - Middle Oconee River (continuation of Pond Fork) near Arcade, GA

**ALTAMAHA RIVER BASIN  
1999 Water Year**

**02217475 MIDDLE OCONEE RIVER NEAR ARCADE, GA**

**LOCATION.**--Lat 34°01'54", long 83°33'48", Jackson-Barrow County line, Hydrologic Unit 03070101, on downstream side of bridge on State Highway 82, 1.7 miles downstream from Mulberry River, 3.2 miles upstream from Redstone Creek, and 3.2 miles south of Arcade.

**DRAINAGE AREA.**--332 mi<sup>2</sup>.

**PERIOD OF RECORD.**--March 1987 to current year.

**REVISED RECORDS.**--WDR GA-96-1: Drainage area.

**GAGE.**--Water-stage recorder. Datum of gage is 656.52 feet above sea level (leveling by Global Positioning System equipment).

**REMARKS.**-- Records good.

**PEAK DISCHARGES FOR CURRENT YEAR.**--Peak discharges greater than base discharge of 3,500 ft<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE HEIGHT (ft)
Feb. 2	0300	4,270*	14.68*

STATION NUMBER 02217475 M OCONEE RIVER (GA HWY 82) NR ARCADE, GA. STREAM SOURCE AGENCY USGS  
 LATITUDE 340154 LONGITUDE 0833348 DRAINAGE AREA 332 DATUM 656.52 STATE 13 COUNTY 157

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	182	131	216	276	3090	297	681	226	129	230	62	45
2	154	132	216	275	3110	274	491	197	129	176	63	42
3	138	143	218	522	1190	281	363	183	138	159	60	41
4	139	149	221	452	878	290	322	178	140	143	56	38
5	146	145	220	340	679	266	305	180	127	130	50	37
6	141	145	218	317	542	268	287	341	123	127	46	34
7	168	148	218	310	479	284	279	933	117	281	42	31
8	228	148	233	309	436	266	271	446	107	231	39	29
9	201	162	336	314	392	289	261	300	105	171	56	30
10	161	190	269	309	393	328	254	239	101	136	62	52
11	150	224	236	281	383	282	247	215	95	160	48	49
12	146	236	226	273	346	265	230	199	202	220	41	42
13	142	177	282	269	325	258	219	205	192	238	37	37
14	139	177	367	269	305	383	218	290	137	181	37	34
15	133	408	277	315	297	500	234	236	213	152	35	33
16	130	394	250	330	291	366	248	206	198	136	32	30
17	130	367	238	288	291	323	216	190	296	129	31	27
18	129	296	228	283	508	303	205	185	203	122	30	26
19	131	255	227	273	471	293	202	244	148	115	28	25
20	132	247	245	265	414	283	208	219	132	108	26	29
21	133	240	249	263	359	295	219	181	127	109	26	62
22	128	230	252	261	343	299	205	170	122	102	26	88
23	124	226	276	532	316	273	193	175	119	97	25	64
24	124	230	538	1220	313	269	189	171	125	90	65	51
25	127	229	797	622	313	273	182	155	207	86	200	46
26	130	224	475	470	297	273	183	147	183	98	113	43
27	130	220	362	407	291	259	205	147	152	84	85	54
28	129	215	324	373	305	251	252	143	189	75	69	100
29	127	214	374	346	---	244	230	138	155	69	60	171
30	128	216	332	420	---	246	221	134	245	66	56	133
31	129	---	293	1290	---	260	---	132	---	63	50	---

TOTAL	4429	6518	9213	12474	17357	9041	7820	7105	4656	4284	1656	1523
MEAN	143	217	297	402	620	292	261	229	155	138	53.4	50.8
MAX	228	408	797	1290	3110	500	681	933	296	281	200	171
MIN	124	131	216	261	291	244	182	132	95	63	25	25
CFSM	.43	.65	.90	1.21	1.87	.88	.79	.69	.47	.42	.16	.15
IN.	.50	.73	1.03	1.40	1.94	1.01	.88	.80	.52	.48	.19	.17

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 1999, BY WATER YEAR (WY)

MEAN	386	425	459	696	867	881	574	413	367	268	271	227
MAX	1083	1141	1300	1244	1830	1600	1438	891	794	610	900	436
(WY)	1996	1993	1993	1993	1998	1990	1998	1998	1989	1989	1994	1997
MIN	51.7	116	148	247	255	248	261	142	53.8	32.9	49.4	50.8
(WY)	1988	1988	1989	1989	1989	1988	1999	1988	1988	1988	1988	1999

SUMMARY STATISTICS                      FOR 1998 CALENDAR YEAR                      FOR 1999 WATER YEAR                      WATER YEARS 1987 - 1999

ANNUAL TOTAL		245521		86076								
ANNUAL MEAN		673		236						491		
HIGHEST ANNUAL MEAN										755		1998
LOWEST ANNUAL MEAN										185		1988
HIGHEST DAILY MEAN		9930	Feb 4		3110	Feb 2				10600	Mar 18	1990
LOWEST DAILY MEAN		120	Sep 27		25	Aug 23				16	Jul 20	1988
ANNUAL SEVEN-DAY MINIMUM		126	Sep 14		27	Aug 17				22	Jul 15	1988
INSTANTANEOUS PEAK FLOW					4270	Feb 2				13800	Mar 18	1990
INSTANTANEOUS PEAK STAGE					14.68	Feb 2				25.34	Mar 18	1990
ANNUAL RUNOFF (CFSM)		2.03			.71					1.48		
ANNUAL RUNOFF (INCHES)		27.51			9.64					20.09		
10 PERCENT EXCEEDS		1300			369					897		
50 PERCENT EXCEEDS		370			206					310		
90 PERCENT EXCEEDS		139			49					122		

STATISTICS COMPUTED BY: gabailey

DATE: 02/24/2000 AT: 09:12:53