

APALACHICOLA RIVER BASIN

02341800

UPATOI CREEK NEAR COLUMBUS, GA.

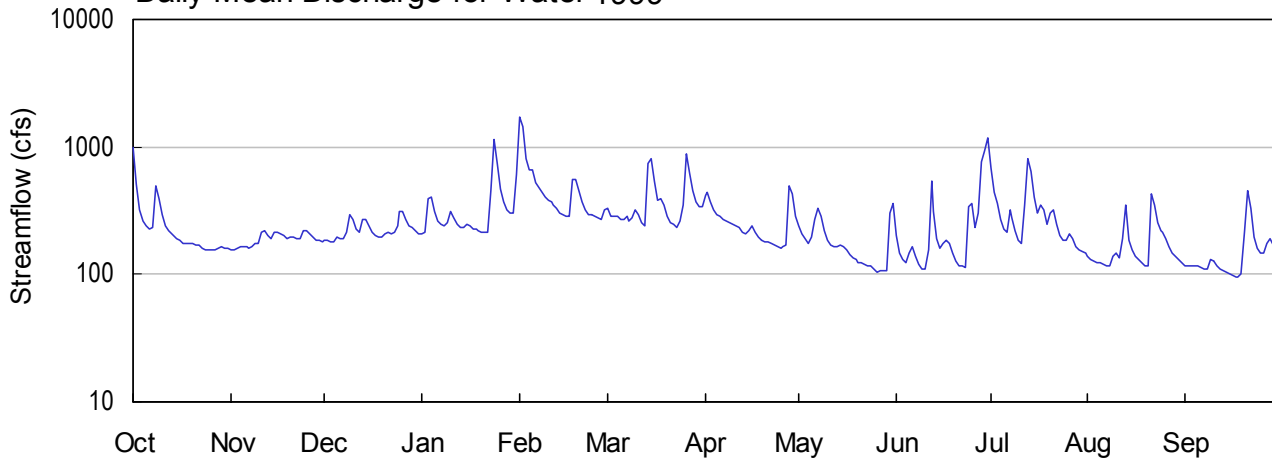
Latitude: 32° 24' 48" Longitude: 84° 49' 12" Hydrologic Unit Code: 03130003 Chattahoochee County

Drainage Area: 342.00 mi<sup>2</sup>

Datum: 230.0 feet

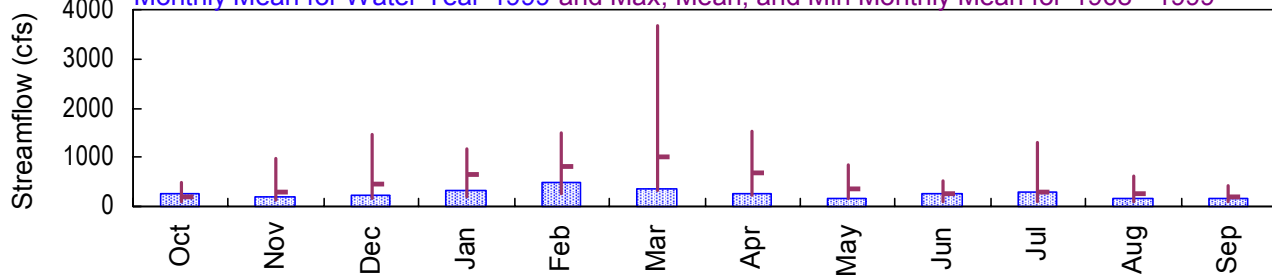
Period of Record: 1968 - 1999

Daily Mean Discharge for Water 1999

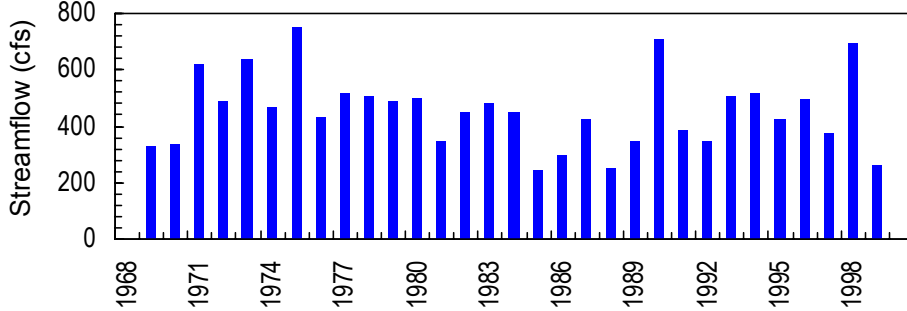


Monthly Statistics

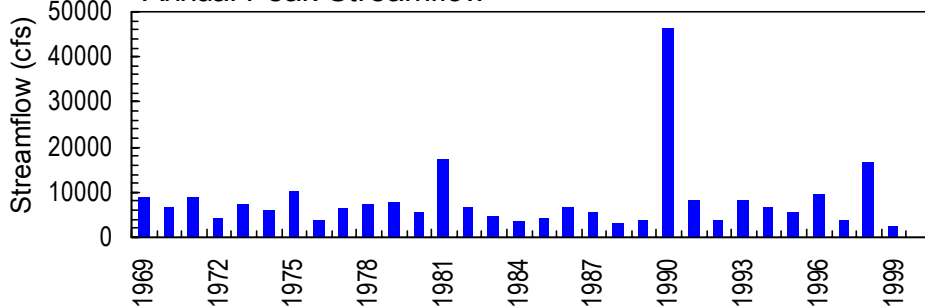
Monthly Mean for Water Year 1999 and Max, Mean, and Min Monthly Mean for 1968 - 1999



Annual Mean Streamflow



Annual Peak Streamflow



02341800 - Upatoi Creek near Columbus, GA - March 5, 1973

**APALACHICOLA RIVER BASIN  
1999 Water Year**

**02341800 UPATOI CREEK NEAR COLUMBUS, GA.**

**LOCATION.**--Lat 32°24'48", long 84°49'12", Muscogee-Chattahoochee County line, Hydrologic Unit 03130003, at downstream side of pier near left end of bridge on Red Arrow Road at Fort Benning, 2 miles downstream from Randall Creek, 2 miles upstream from Ochillee Creek, 8 miles southeast of Columbus, and 12 miles upstream from mouth.

**DRAINAGE AREA.**--342 mi<sup>2</sup>.

**PERIOD OF RECORD.**--April 1968 to current year.

**GAGE.**--Water-stage recorder. Elevation of gage is 230 feet above sea level (from topographic map).

**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. 1	1500	2,340*	8.39*

No other peaks greater than base discharge

STATION NUMBER 02341800 UPATOI CREEK NEAR COLUMBUS, GA. STREAM SOURCE AGENCY USGS  
 LATITUDE 322448 LONGITUDE 0844912 DRAINAGE AREA 342.00 DATUM 230.00 STATE 13 COUNTY 053

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	978	157	183	205	1700	327	412	243	201	672	138	118
2	508	156	183	211	1450	289	446	210	149	437	132	115
3	325	161	182	390	816	284	372	190	132	357	127	115
4	265	166	182	407	670	289	321	177	124	266	124	116
5	241	163	194	309	655	270	298	197	147	227	122	115
6	226	163	193	262	525	272	282	267	166	215	120	112
7	233	162	190	250	477	286	268	328	138	321	117	109
8	494	165	211	242	435	264	261	287	119	275	117	110
9	396	173	297	255	399	277	255	219	110	218	139	132
10	293	177	269	309	382	325	248	186	109	186	145	127
11	243	214	225	279	375	290	239	171	156	174	133	118
12	221	221	212	248	354	258	231	163	545	347	191	111
13	209	204	268	236	333	243	215	163	311	807	353	106
14	202	193	272	233	307	751	206	172	188	640	185	103
15	192	211	238	244	293	816	218	165	159	402	156	101
16	183	215	214	241	286	545	237	155	174	302	138	99
17	177	209	204	229	288	379	214	144	186	349	130	96
18	174	202	197	227	556	391	194	136	173	318	123	96
19	175	191	195	220	554	346	186	131	145	248	116	102
20	174	197	205	212	451	285	182	125	126	300	115	214
21	172	197	215	214	375	253	181	122	118	325	429	450
22	168	188	209	216	323	247	176	120	115	245	351	326
23	160	191	215	452	298	233	168	117	114	203	256	196
24	155	219	243	1130	293	265	164	118	344	185	219	159
25	155	222	309	733	286	354	161	109	364	184	214	146
26	157	207	311	473	277	888	163	105	236	206	190	145
27	155	196	269	368	270	628	172	107	304	192	166	176
28	162	186	243	325	323	457	489	107	753	166	148	188
29	164	183	233	304	---	371	424	107	948	156	137	169
30	160	182	223	305	---	339	286	304	1170	150	130	152
31	159	---	210	606	---	338	---	356	---	145	123	---

TOTAL	7676	5671	6994	10335	13751	11560	7669	5501	8024	9218	5284	4422
MEAN	248	189	226	333	491	373	256	177	267	297	170	147
MAX	978	222	311	1130	1700	888	489	356	1170	807	429	450
MIN	155	156	182	205	270	233	161	105	109	145	115	96
CFSM	.72	.55	.66	.97	1.44	1.09	.75	.52	.78	.87	.50	.43
IN.	.83	.62	.76	1.12	1.50	1.26	.83	.60	.87	1.00	.57	.48

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1968 - 1999, BY WATER YEAR (WY)

MEAN	202	289	466	665	801	1000	680	353	257	280	250	193
MAX	479	986	1460	1170	1498	3678	1513	858	524	1315	624	409
(WY)	1995	1993	1998	1975	1998	1990	1973	1978	1975	1994	1971	1971
MIN	103	144	164	189	261	336	239	151	98.9	92.9	107	113
(WY)	1988	1970	1989	1981	1989	1985	1985	1986	1988	1986	1988	1987

SUMMARY STATISTICS FOR 1998 CALENDAR YEAR FOR 1999 WATER YEAR WATER YEARS 1968 - 1999

ANNUAL TOTAL	205158	96105		
ANNUAL MEAN	562	263	453	
HIGHEST ANNUAL MEAN			750	1975
LOWEST ANNUAL MEAN			243	1985
HIGHEST DAILY MEAN	12500	Mar 9	1700	Feb 1
LOWEST DAILY MEAN	129	Aug 30	96	Sep 17
ANNUAL SEVEN-DAY MINIMUM	135	Aug 27	100	Sep 13
INSTANTANEOUS PEAK FLOW			2340	Feb 1
INSTANTANEOUS PEAK STAGE			8.39	Feb 1
INSTANTANEOUS LOW FLOW			96	Sep 17
ANNUAL RUNOFF (CFSM)	1.64		.77	
ANNUAL RUNOFF (INCHES)	22.32		10.45	
10 PERCENT EXCEEDS	1170		431	
50 PERCENT EXCEEDS	238		214	
90 PERCENT EXCEEDS	152		121	

STATISTICS COMPUTED BY: sjones

DATE: 09/19/2000 AT: 13:57:27