

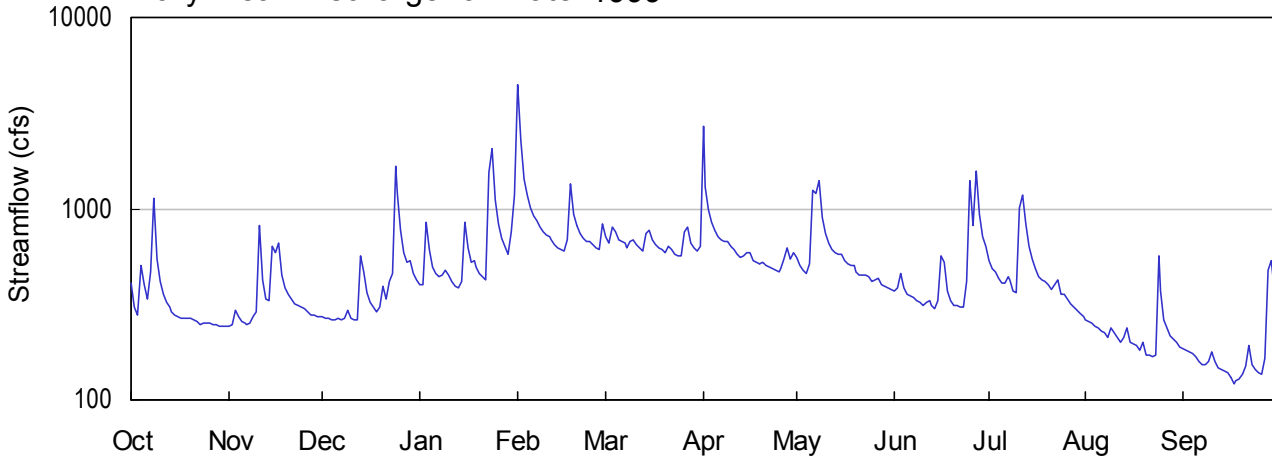
APALACHICOLA RIVER BASIN

02331600

CHATTAHOOCHEE RIVER NEAR CORNELIA, GA.

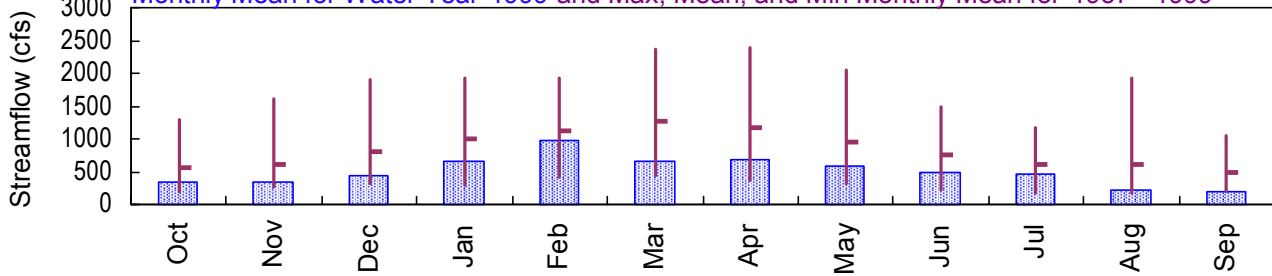
Latitude: 34° 32' 27" Longitude: 83° 37' 14" Hydrologic Unit Code: 03130001 Habersham County
Drainage Area: 315.00 mi² Datum: 1128. feet Period of Record: 1957 - 1999

Daily Mean Discharge for Water 1999

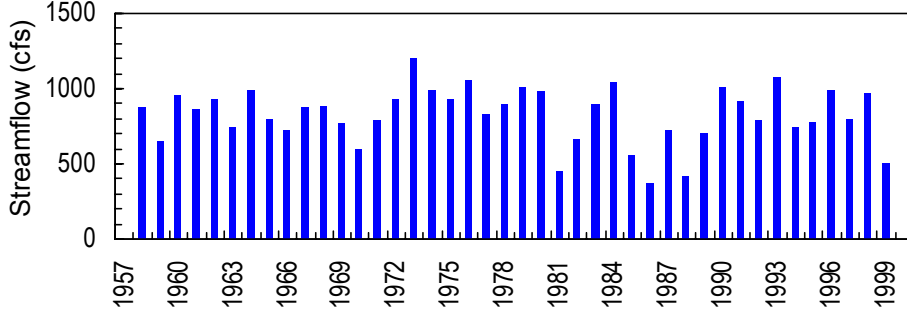


Monthly Statistics

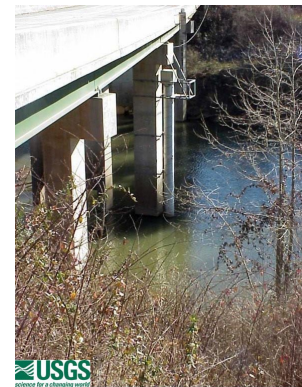
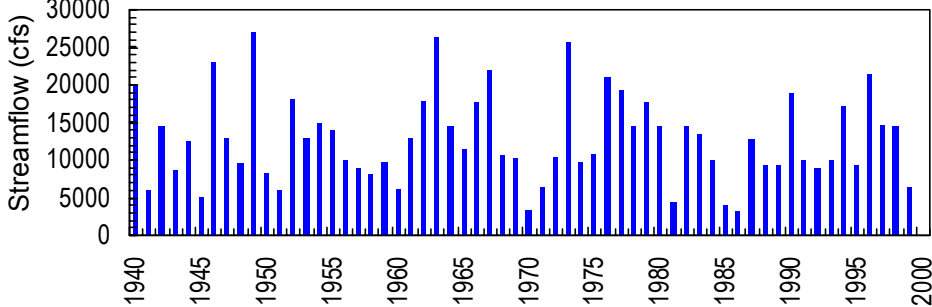
Monthly Mean for Water Year 1999 and Max, Mean, and Min Monthly Mean for 1957 - 1999



Annual Mean Streamflow



Annual Peak Streamflow



USGS
02331600 Chattahoochee River near Cornelia, GA

**APALACHICOLA RIVER BASIN
1999 Water Year**

02331600 CHATTAHOOCHEE RIVER NEAR CORNELIA, GA

LOCATION.--Lat 34°32'27", long 83°37'14", Habersham-White County line, Hydrologic Unit 03130001, on downstream side of bridge on Duncan Bridge Road (Georgia Highway 384), 1.0 mile downstream from Soque River, 6.0 miles northwest of Cornelia, and at mile 401.4.

DRAINAGE AREA.--315 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 1957 to current year.

REVISED RECORDS.--WSP 2106: 1963(M).

GAGE.--Water-stage recorder. Datum of gage is 1,128.53 feet above sea level (levels by U.S. Army Corps of Engineers). Prior to June 28, 1977 and after June 16, 1992 to October 25, 1994, located at a site 1,000 feet upstream at same datum.

REMARKS.--Records good. Some regulation at low flow occurs from Habersham Mill power plant.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 6,200 ft³/s and maximum (*):

DATE	TIME	DISCHARGE (ft ³ /s)	GAGE HEIGHT (ft)
Feb. 1	1400	6,470*	6.66*

STATION NUMBER 02331600 CHATTAHOOCHEE RIVER NEAR CORNELIA, GA. STREAM SOURCE AGENCY USGS
 LATITUDE 343227 LONGITUDE 0833714 DRAINAGE AREA 315.00 DATUM 1128.53 STATE 13 COUNTY 137
 PROVISIONAL DATA SUBJECT TO REVISION
 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	411	244	272	402	4430	709	2720	556	373	534	263	185
2	307	245	268	401	2280	656	1300	501	387	489	256	183
3	280	292	265	849	1430	797	981	476	458	467	250	177
4	505	271	263	606	1180	759	842	458	384	436	243	176
5	401	255	264	495	1010	693	766	519	357	407	238	168
6	337	252	265	454	911	680	717	1240	352	409	229	158
7	471	247	264	440	860	655	693	1210	341	438	223	154
8	1140	253	269	449	807	620	670	1410	330	427	214	153
9	549	274	296	472	751	677	672	903	321	373	239	159
10	418	290	268	452	723	686	638	735	313	361	223	179
11	356	812	261	414	711	647	613	660	321	1010	210	158
12	322	427	260	396	685	620	578	615	331	1180	200	147
13	304	334	561	385	648	604	560	593	314	827	210	143
14	289	330	465	420	623	739	561	574	302	641	240	142
15	277	630	361	856	611	770	591	576	329	543	202	139
16	271	591	323	624	600	681	587	537	563	486	195	132
17	268	663	303	523	692	650	537	511	525	444	191	122
18	268	452	287	530	1340	628	524	505	369	423	181	127
19	267	387	306	496	942	607	519	503	331	419	199	129
20	269	359	391	455	817	588	520	468	314	401	173	135
21	261	337	338	437	743	635	506	453	313	379	171	150
22	255	317	415	425	694	607	494	449	307	398	169	194
23	248	309	455	1530	670	573	486	449	308	423	170	152
24	252	308	1670	2040	668	564	477	443	417	360	561	144
25	254	298	1190	1110	643	561	469	420	1390	355	370	138
26	253	291	770	837	628	759	489	425	816	334	262	137
27	247	280	591	703	613	802	543	436	1560	315	236	166
28	246	277	520	635	831	659	624	404	930	306	216	480
29	243	274	536	582	---	623	541	394	715	294	206	534
30	244	271	461	749	---	598	588	386	632	283	201	371
31	242	---	421	1180	---	632	---	379	---	274	190	---

TOTAL	10455	10570	13579	20347	27541	20479	20806	18188	14703	14436	7131	5532
MEAN	337	352	438	656	984	661	694	587	490	466	230	184
MAX	1140	812	1670	2040	4430	802	2720	1410	1560	1180	561	534
MIN	242	244	260	385	600	561	469	379	302	274	169	122
CFSM	1.07	1.12	1.39	2.08	3.12	2.10	2.20	1.86	1.56	1.48	.73	.59
IN.	1.23	1.25	1.60	2.40	3.25	2.42	2.46	2.15	1.74	1.70	.84	.65

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1957 - 1999, BY WATER YEAR (WY)

MEAN	550	615	796	988	1116	1261	1160	947	749	615	603	491
MAX	1287	1602	1909	1938	1917	2376	2385	2043	1487	1165	1926	1058
(WY)	1990	1993	1962	1993	1998	1980	1964	1973	1973	1989	1967	1967
MIN	204	257	310	293	426	449	368	324	227	166	179	184
(WY)	1988	1982	1966	1981	1986	1988	1986	1986	1986	1986	1986	1999

SUMMARY STATISTICS FOR 1998 CALENDAR YEAR FOR 1999 WATER YEAR WATER YEARS 1957 - 1999

ANNUAL TOTAL	327037	183767	
ANNUAL MEAN	896	503	823
HIGHEST ANNUAL MEAN			1198
LOWEST ANNUAL MEAN			370
HIGHEST DAILY MEAN	8710	Feb 4	4430
LOWEST DAILY MEAN	217	Sep 18	122
ANNUAL SEVEN-DAY MINIMUM	222	Sep 14	132
INSTANTANEOUS PEAK FLOW			6470
INSTANTANEOUS PEAK STAGE			6.66
ANNUAL RUNOFF (CFSM)	2.84		1.60
ANNUAL RUNOFF (INCHES)	38.62		21.70
10 PERCENT EXCEEDS	1550		814
50 PERCENT EXCEEDS	623		427
90 PERCENT EXCEEDS	261		200

STATISTICS COMPUTED BY: cgsomer

DATE: 03/15/2000 AT: 13:45:30

**APALACHICOLA RIVER BASIN
1999 Water Year**

02331600 CHATTAHOOCHEE RIVER NEAR CORNELIA, GA--continued

LOCATION.--Lat 34°32'27", long 83°37'14", Habersham-White County line, Hydrologic Unit 03130001, on downstream side of bridge on Duncan Bridge Road (Georgia Highway 384), 1.0 mile downstream from Soque River, 6.0 miles northwest of Cornelia, and at mile 401.4.

DRAINAGE AREA.--315 mi².

WATER-QUALITY RECORDS

PERIOD OF RECORD.--February 1968 to current year.