

MOBILE RIVER BASIN

02380500

COOSAWATTEE RIVER NEAR ELLIJAY, GA.

Latitude: 34° 40' 18" Longitude: 84° 30' 31" Hydrologic Unit Code: 03150102

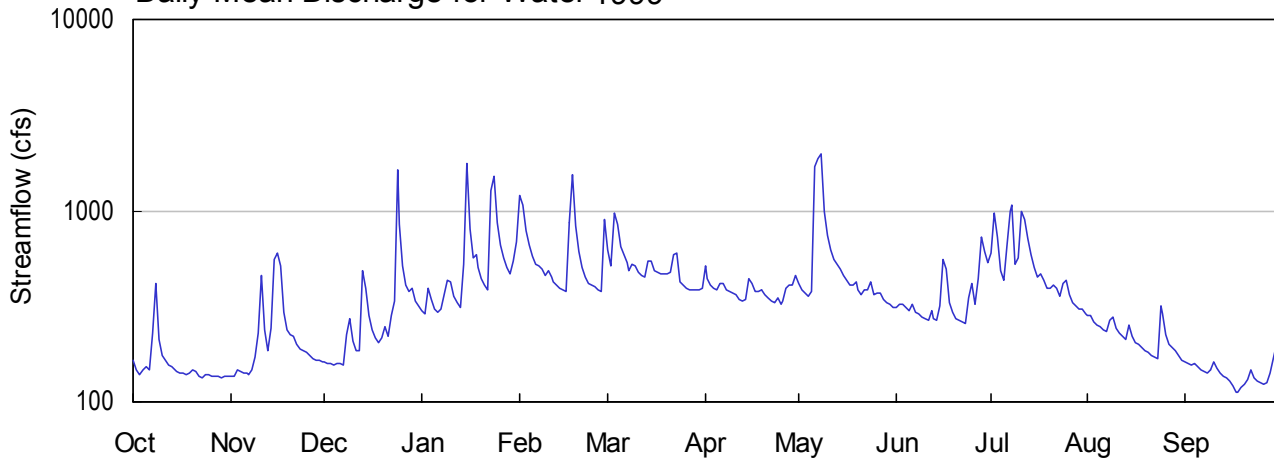
Gilmer County

Drainage Area: 236.00 mi²

Datum: 1216. feet

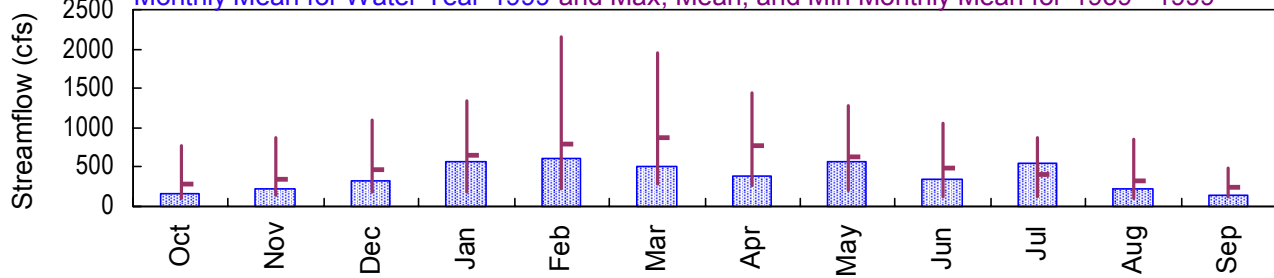
Period of Record: 1939 - 1999

Daily Mean Discharge for Water 1999

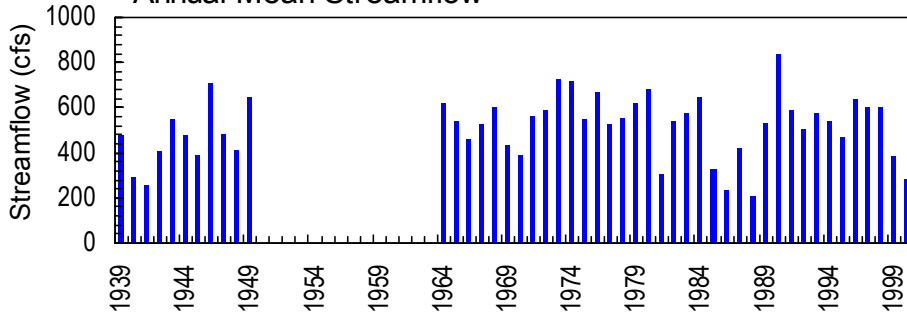


Monthly Statistics

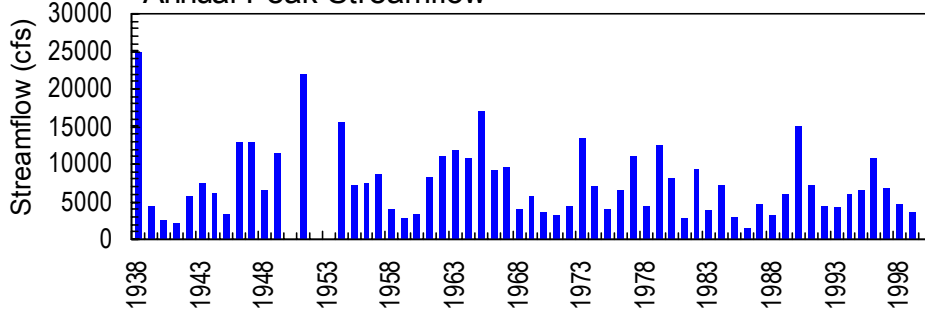
Monthly Mean for Water Year 1999 and Max, Mean, and Min Monthly Mean for 1939 - 1999



Annual Mean Streamflow



Annual Peak Streamflow



USGS
02380500 - Coosawattee River (SR5) near Ellijay, GA - March 19, 1973

**MOBILE RIVER BASIN
1999 Water Year**

02380500 COOSAWATTEE RIVER NEAR ELLIJAY, GA

LOCATION.--Lat 34°40'18", long 84°30'31", Gilmer County, Hydrologic Unit 03150102, on right bank 0.5 miles downstream from State Highway 5, 2.0 miles southwest of Ellijay, and 2.2 miles downstream from confluence of Cartecay and Ellijay Rivers.

DRAINAGE AREA.--236 mi².

PERIOD OF RECORD.--October 1938 to December 1949, June 1963 to current year. Occasional low-flow measurements were made during 1959, 1961-62.

REVISED RECORDS.--WDR GA-80-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 1,216.04 feet above sea level. Prior to June 10, 1940, non-recording gage was located at site 0.5 miles upstream at datum 8.04 feet higher.

REMARKS.--Records good.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage known since at least 1938, 20.7 feet, Mar. 19, 1951, from flood mark.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 3,500 ft³/s, and maximum (*):

DATE	TIME	DISCHARGE (ft ³ /s)	GAGE HEIGHT (ft)
May 7	2130	3,650*	5.40*

STATION NUMBER 02380500 COOSAWATTEE RIVER (SR 5) NEAR ELLIJAY, GA. STREAM SOURCE AGENCY USGS
 LATITUDE 344018 LONGITUDE 0843031 DRAINAGE AREA 236 DATUM 1216.04 STATE 13 COUNTY 123

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	164	135	163	299	1190	628	519	418	313	600	283	163
2	147	137	160	291	1070	511	440	388	321	963	283	160
3	139	148	160	391	793	970	411	372	324	723	264	157
4	146	144	157	340	664	846	394	359	312	488	254	158
5	152	142	158	307	575	648	382	377	299	433	246	152
6	147	141	158	296	528	585	420	1690	322	660	238	146
7	230	140	157	307	512	532	415	1870	296	1000	232	143
8	419	148	223	363	496	484	386	2000	287	1060	269	142
9	214	173	270	430	456	520	381	1000	278	527	280	146
10	175	230	206	427	486	515	373	746	270	565	241	163
11	164	458	186	358	453	475	362	622	266	1000	229	151
12	157	236	186	331	426	457	345	553	299	891	222	141
13	153	184	487	311	406	450	339	523	273	719	214	135
14	149	244	391	528	390	549	345	496	268	588	254	133
15	145	558	281	1780	383	546	440	460	315	509	222	129
16	142	598	240	808	380	489	418	435	551	446	205	121
17	142	514	218	568	867	475	381	411	494	468	201	112
18	140	292	203	585	1540	470	379	408	328	434	194	113
19	142	236	217	506	830	469	385	422	293	395	186	119
20	148	224	249	441	609	464	362	382	274	392	181	123
21	143	220	222	409	506	477	350	367	267	408	176	131
22	137	199	283	384	447	587	337	383	261	392	171	148
23	134	188	336	1280	418	595	328	384	255	358	169	134
24	138	186	1620	1520	412	425	349	425	350	413	320	128
25	138	180	857	865	399	407	323	362	420	432	290	126
26	137	176	518	657	385	396	334	372	327	366	223	124
27	136	169	406	562	380	389	396	368	445	333	200	125
28	135	166	375	506	902	383	411	341	734	315	191	142
29	133	164	393	463	---	387	405	331	607	306	185	168
30	135	163	337	549	---	385	457	324	532	308	175	199
31	136	---	315	686	---	392	---	314	---	289	166	---

TOTAL	4917	6893	10132	17548	16903	15906	11567	17903	10581	16781	6964	4232
MEAN	159	230	327	566	604	513	386	578	353	541	225	141
MAX	419	598	1620	1780	1540	970	519	2000	734	1060	320	199
MIN	133	135	157	291	380	383	323	314	255	289	166	112
CFSM	.67	.97	1.38	2.40	2.56	2.17	1.63	2.45	1.49	2.29	.95	.60
IN.	.78	1.09	1.60	2.77	2.66	2.51	1.82	2.82	1.67	2.65	1.10	.67

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1999, BY WATER YEAR (WY)

MEAN	275	349	465	658	790	864	770	620	478	401	324	254
MAX	765	880	1104	1351	2148	1953	1442	1283	1052	871	851	483
(WY)	1965	1978	1993	1947	1990	1990	1977	1973	1973	1976	1967	1967
MIN	107	144	176	188	231	280	263	204	119	117	105	129
(WY)	1988	1988	1989	1981	1941	1988	1986	1986	1988	1988	1988	1987

SUMMARY STATISTICS FOR 1998 CALENDAR YEAR FOR 1999 WATER YEAR WATER YEARS 1939 - 1999

ANNUAL TOTAL		205601		140327								
ANNUAL MEAN		563		384						518		
HIGHEST ANNUAL MEAN										835		1990
LOWEST ANNUAL MEAN										207		1988
HIGHEST DAILY MEAN		3230	Apr 19		2000	May 8				9870	Feb 16	1990
LOWEST DAILY MEAN		123	Sep 28		112	Sep 17				69	Sep 2	1988
ANNUAL SEVEN-DAY MINIMUM		135	Oct 26		121	Sep 15				75	Aug 28	1988
INSTANTANEOUS PEAK FLOW					3650	May 7				17000	Oct 4	1964
INSTANTANEOUS PEAK STAGE					5.40	May 7				17.63	Oct 4	1964
ANNUAL RUNOFF (CFSM)		2.39			1.63					2.20		
ANNUAL RUNOFF (INCHES)		32.41			22.12					29.84		
10 PERCENT EXCEEDS		1040			614					930		
50 PERCENT EXCEEDS		411			340					399		
90 PERCENT EXCEEDS		148			142					186		

STATISTICS COMPUTED BY: cgsomer

DATE: 02/10/2000 AT: 14:50:42