

MOBILE RIVER BASIN

02382500

COOSAWATTEE RIVER AT CARTERS, GA.

Latitude: 34° 36' 13" Longitude: 84° 41' 44" Hydrologic Unit Code: 03150102

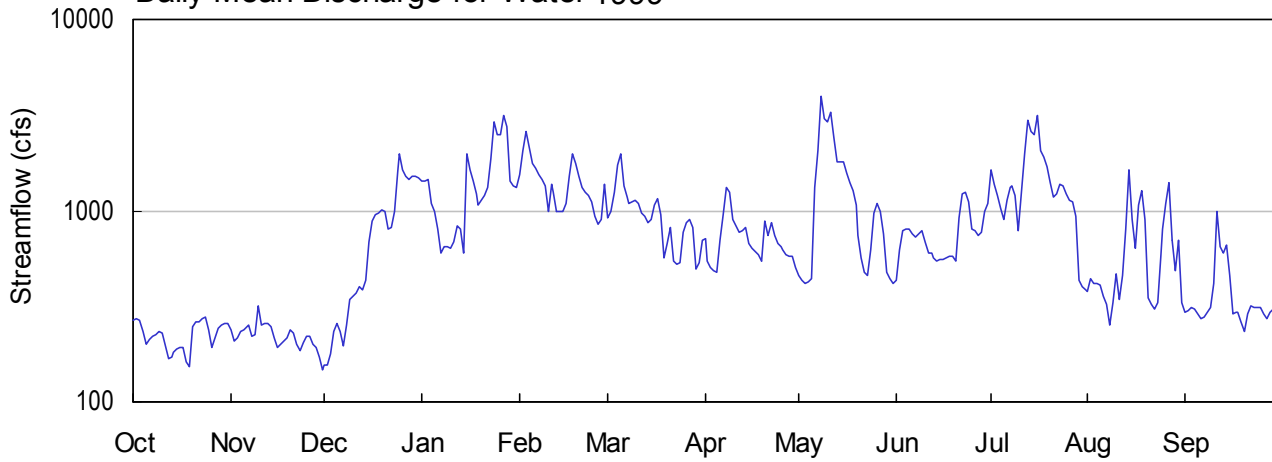
Murray County

Drainage Area: 521.00 mi²

Datum: 650.6 feet

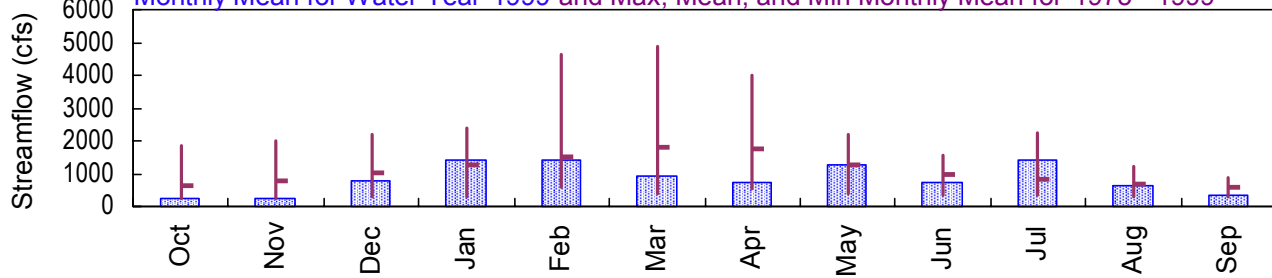
Period of Record: 1975 - 1999

Daily Mean Discharge for Water 1999

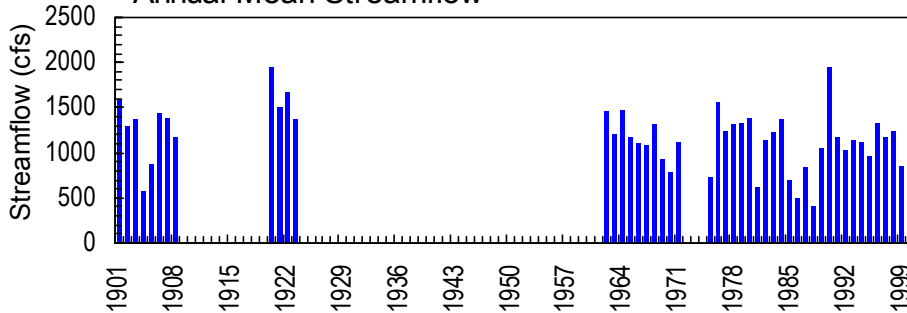


Monthly Statistics

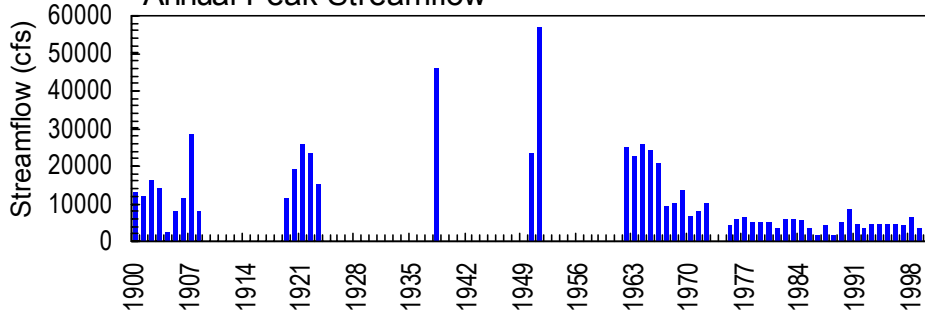
Monthly Mean for Water Year 1999 and Max, Mean, and Min Monthly Mean for 1975 - 1999



Annual Mean Streamflow



Annual Peak Streamflow



02382500 - Coosawattee River (US411) near Carters, GA

**MOBILE RIVER BASIN
1999 Water Year**

02382500 COOSAWATTEE RIVER AT CARTERS, GA

LOCATION.--Lat 34°36'13", long 84°41'44", Murray County, Hydrologic Unit 03150102, on downstream side of center bridge pier on U.S. Highway 411 at Carters, 200 feet upstream from Louisville & Nashville Railroad bridge, 0.4 miles downstream from Carters re-regulation dam, and 0.6 miles downstream from Talking Rock Creek.

DRAINAGE AREA.--521 mi².

PERIOD OF RECORD.--September 1896 to December 1908, October 1918 to September 1923, October 1961 to September 1972, October 1974 to current year. Monthly discharge only for October to November 1918 published in WSP 1304.

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

GAGE.--Water-stage recorder. Datum of gage is 650.67 feet above sea level (levels by Corps of Engineers). Prior to September 1923, non-recording gage was located at site 0.2 miles upstream at datum 2.00 feet higher.

REMARKS.--Records good, except those for the period of estimated daily discharge, which are fair. Flow regulated by Carters Lake and Carters re-regulation dam since November 1974 (See "Lakes and Reservoirs in Mobile River Basin", stations 02381400 and 02382400). Records of chemical analyses for the water years 1968-74 are published in reports of the U.S. Geological Survey.

AVERAGE DISCHARGE.--52 years (water years 1897-1908, 1919-23, 1962-71, 1975-current year), 1,175 ft³/s, 30.63 in/yr, adjusted for storage since 1975.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Mar. 29 or 30, 1951, reached a stage of about 36 feet, from flood marks; discharge 57,000 ft³/s, from rating curve extended above 24,000 ft³/s.

STATION NUMBER 02382500 COOSAWATTEE RIVER (US 411) AT CARTERS, GA. STREAM SOURCE AGENCY USGS
 LATITUDE 343613 LONGITUDE 0844144 DRAINAGE AREA 521 DATUM 650.67 STATE 13 COUNTY 213

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	267	237	156	e1440	1550	e910	715	460	434	e1620	378	292
2	270	209	155	e1420	2070	997	541	435	627	e1380	442	302
3	267	217	179	e1450	2580	1240	507	416	786	e1190	416	309
4	232	234	232	e1100	2130	1740	490	428	806	e1020	413	308
5	202	237	257	e990	1780	1990	e480	442	799	e900	408	290
6	212	247	233	e800	1660	1360	e700	e1310	757	1130	356	274
7	221	251	195	e600	1530	1180	e950	e2050	724	1320	327	278
8	224	221	250	647	1460	1100	e1310	e4000	759	1360	e250	297
9	233	223	340	653	1340	1110	e1250	e3020	782	1190	e330	309
10	228	318	357	640	990	1140	e900	e2900	687	e790	e470	e420
11	195	252	374	681	1380	1090	832	3300	595	e1250	e340	e1000
12	167	259	400	835	1240	963	774	2390	596	e2000	e460	e650
13	173	257	384	798	1000	928	786	1810	570	e2990	e800	e600
14	181	245	430	e600	994	869	812	1800	547	e2600	e1620	659
15	190	216	689	e2000	989	895	674	1810	553	e2500	e900	459
16	194	192	882	e1620	e1100	1080	630	1580	557	3130	e630	287
17	192	202	949	e1440	e1500	1150	614	1390	567	2070	1080	296
18	162	208	979	e1220	e2000	958	587	1280	572	1890	1280	292
19	154	216	1010	e1070	e1750	e570	e550	1080	573	1690	903	264
20	246	237	985	e1130	e1500	e680	e880	748	541	1410	352	235
21	264	230	e800	1200	e1310	e820	e740	566	909	1180	323	290
22	262	202	e820	e1310	e1250	e550	864	474	1230	1230	304	318
23	271	184	e1000	e1880	e1190	523	742	455	1250	1380	e330	311
24	275	204	e1600	e2900	e1120	536	674	619	1120	1360	e590	312
25	236	221	e2000	e2480	e940	772	646	965	803	1230	e800	314
26	191	222	e1650	e2480	e850	872	620	1090	781	1140	e1100	288
27	218	200	e1520	3160	e900	907	585	987	743	1110	1390	274
28	243	193	e1450	2770	e1380	817	573	754	774	933	e700	292
29	252	173	e1520	1440	---	497	581	473	e1000	430	e490	307
30	257	147	e1500	1340	---	532	509	437	e1100	400	e700	312
31	257	---	e1480	1330	---	697	---	418	---	388	e330	---

TOTAL	6936	6654	24776	43424	39483	29473	21516	39887	22542	44211	19212	10839
MEAN	224	222	799	1401	1410	951	717	1287	751	1426	620	361
MAX	275	318	2000	3160	2580	1990	1310	4000	1250	3130	1620	1000
MIN	154	147	155	600	850	497	480	416	434	388	250	235
CFSM	.43	.43	1.53	2.69	2.71	1.82	1.38	2.47	1.44	2.74	1.19	.69
IN.	.50	.48	1.77	3.10	2.82	2.10	1.54	2.85	1.61	3.16	1.37	.77

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1975 - 1999, BY WATER YEAR (WY)

MEAN	641	785	1006	1289	1501	1820	1749	1271	973	826	691	566
MAX	1852	2008	2211	2384	4651	4861	4004	2217	1573	2247	1219	871
(WY)	1990	1978	1983	1978	1990	1990	1977	1984	1989	1976	1984	1990
MIN	224	222	289	309	594	369	530	407	330	328	311	299
(WY)	1999	1999	1989	1988	1988	1988	1986	1986	1988	1988	1993	1998

SUMMARY STATISTICS FOR 1998 CALENDAR YEAR FOR 1999 WATER YEAR WATER YEARS 1975 - 1999

ANNUAL TOTAL	417646	308953		
ANNUAL MEAN	1144	846	1091	
HIGHEST ANNUAL MEAN			1945	1990
LOWEST ANNUAL MEAN			399	1988
HIGHEST DAILY MEAN	4510	Apr 24	4000	May 8
LOWEST DAILY MEAN	147	Nov 30	147	Nov 30
ANNUAL SEVEN-DAY MINIMUM	172	Nov 27	172	Nov 27
INSTANTANEOUS PEAK FLOW			8370	Feb 16 1990
INSTANTANEOUS PEAK STAGE			18.94	Feb 16 1990
ANNUAL RUNOFF (CFSM)	2.20	1.62	2.09	
ANNUAL RUNOFF (INCHES)	29.82	22.06	28.45	
10 PERCENT EXCEEDS	2630	1620	2190	
50 PERCENT EXCEEDS	812	697	831	
90 PERCENT EXCEEDS	221	224	322	

STATISTICS COMPUTED BY: cgsomer

DATE: 06/12/2000 AT: 10:40:54

e Estimated