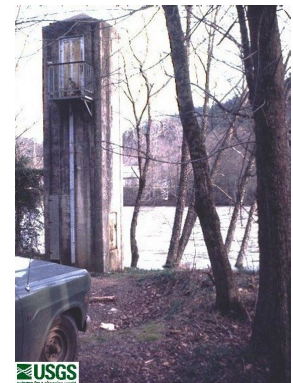
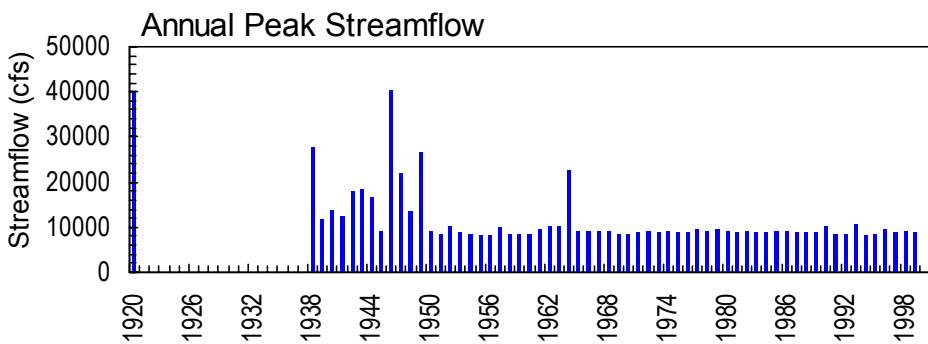
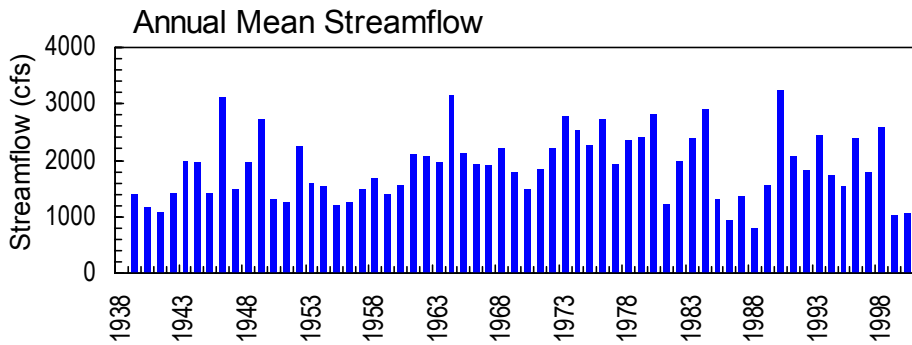
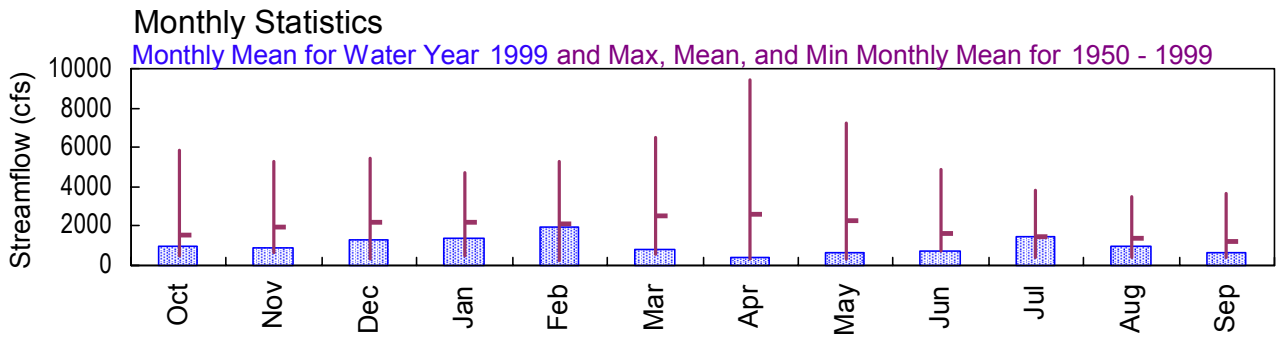
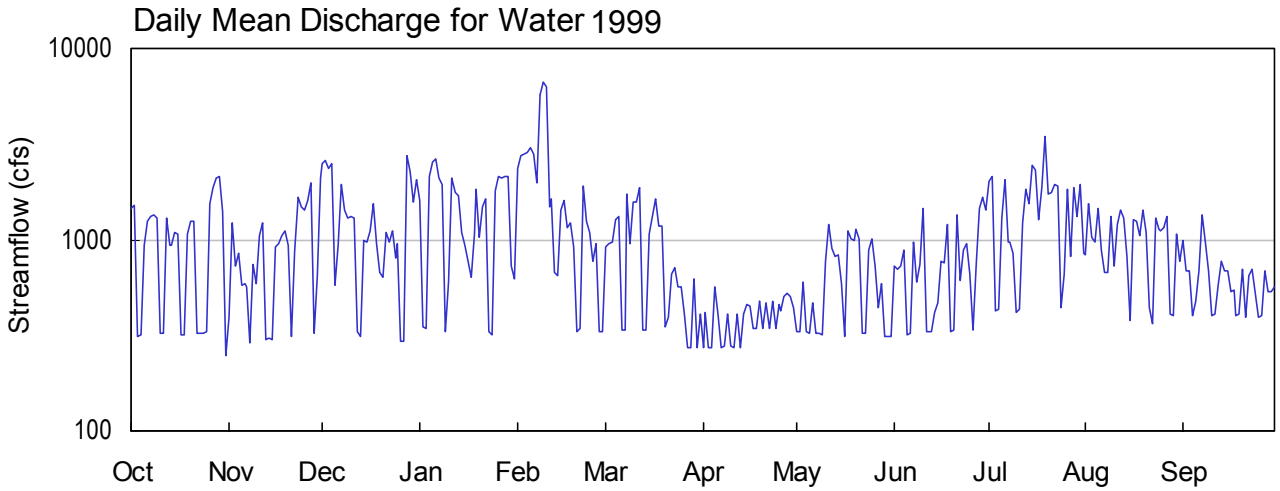


MOBILE RIVER BASIN

02394000 ETOWAH RIVER AT ALLATOONA DAM AT CARTERSVILLE, GA

Latitude: 34° 09' 47" Longitude: 84° 44' 28" Hydrologic Unit Code: 03150104 Bartow County  
 Drainage Area: 1120.0 mi<sup>2</sup> Datum: 686.9 feet Period of Record: 1950 - 1999



02394000 - Etowah River at Allatoona Dam above Cartersville, GA

**MOBILE RIVER BASIN  
1999 Water Year**

**02394000 ETOWAH RIVER AT ALLATOONA DAM,  
ABOVE CARTERSVILLE, GA**

**LOCATION.**--Lat 34°09'47", long 84°44'28", Bartow County, Hydrologic Unit 03150104, on right bank 0.8 miles downstream from Allatoona Dam, 2 miles upstream from Nashville, Chattanooga, & St. Louis Railway bridge, and 3 miles east of Cartersville.

**DRAINAGE AREA.**--1,120 mi<sup>2</sup>.

**PERIOD OF RECORD.**--September 1938 to current year. Prior to October 1949, published as Etowah River above Cartersville.

**REVISED RECORDS.**--WSP 1032: 1944. WDR GA-80-1: Drainage area.

**GAGE.**--Water-stage recorder. Datum of gage is 686.92 feet above sea level (levels by U.S. Army Corps of Engineers). Prior to Dec. 19, 1938, non-recording gage was located at same site and datum.

**REMARKS.**--Records good. Flow regulated by Allatoona Reservoir since December 1949 (See "Lakes and Reservoirs in Mobile River Basin", station 02393500).

**AVERAGE DISCHARGE.**--61 years, 1,903 ft<sup>3</sup>/s, 23.07 in/yr, adjusted for storage since 1950.

STATION NUMBER 02394000 ETOWAH R AT ALLATOONA DAM AB CARTERSVILLE, GA. STREAM SOURCE AGENCY USGS  
 LATITUDE 340947 LONGITUDE 0844428 DRAINAGE AREA 1119 DATUM 686.92 STATE 13 COUNTY 015

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	1470	396	2480	1610	2350	922	272	333	733	2010	830	984
2	1500	1230	2610	350	2770	957	413	332	706	2140	1550	684
3	313	728	2340	344	2830	964	274	604	734	427	1030	687
4	320	847	2510	2130	2860	1280	271	330	890	430	978	399
5	939	572	573	2540	3010	1330	562	326	317	1300	1450	480
6	1240	587	928	2640	2790	337	412	465	321	2060	876	685
7	1310	565	1950	2120	1990	335	274	321	971	973	680	1360
8	1340	286	1440	1940	5680	1730	277	321	597	969	676	977
9	1300	738	1290	333	6650	949	410	319	741	856	1310	690
10	321	592	1330	597	6350	1560	275	771	1450	416	733	402
11	321	1050	1290	2120	1480	1570	273	1190	332	435	1200	408
12	1300	1220	331	1770	1620	1860	406	894	328	1230	1440	578
13	933	302	312	1690	670	337	274	813	332	1820	1290	772
14	943	305	992	1100	654	338	406	827	416	1550	815	683
15	1100	301	979	932	1440	1060	458	589	465	2470	378	686
16	1080	916	1110	778	1600	1330	447	311	770	2300	1270	534
17	318	946	1530	634	1150	1620	342	1120	752	1280	1260	544
18	320	1050	962	1080	1220	1170	343	1010	1190	1870	1050	404
19	1060	1110	670	1840	913	1170	480	996	333	3480	1440	405
20	1250	939	630	1030	333	348	343	1140	336	1720	1090	700
21	1240	310	1100	1480	341	395	467	1010	1360	1760	444	390
22	322	864	976	1650	1920	663	343	321	616	1930	367	645
23	325	1660	1120	332	1260	712	476	321	883	1920	1290	706
24	326	1490	805	317	1090	567	343	888	959	440	1130	528
25	332	1430	946	1800	767	563	457	1010	657	661	1120	395
26	1540	1610	296	2140	962	412	428	731	338	1840	1160	398
27	1870	1990	295	2080	332	271	500	441	745	821	1310	683
28	2100	321	2750	2140	331	273	527	585	1470	1870	405	535
29	2160	645	2260	2160	---	629	509	313	1660	1330	404	534
30	1410	2090	1570	732	---	271	444	313	1420	1930	1080	566
31	247	---	2070	619	---	407	---	311	---	842	765	---

TOTAL	30550	27090	40445	43028	55363	26330	11706	19256	22822	45080	30821	18442
MEAN	985	903	1305	1388	1977	849	390	621	761	1454	994	615
MAX	2160	2090	2750	2640	6650	1860	562	1190	1660	3480	1550	1360
MIN	247	286	295	317	331	271	271	311	317	416	367	390
CFSM	.88	.81	1.17	1.24	1.77	.76	.35	.56	.68	1.30	.89	.55
IN.	1.02	.90	1.34	1.43	1.84	.88	.39	.64	.76	1.50	1.02	.61

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1950 - 1999, BY WATER YEAR (WY)

MEAN	1525	1919	2163	2211	2124	2500	2604	2312	1613	1469	1384	1239
MAX	5880	5316	5447	4724	5256	6533	9407	7214	4847	3789	3524	3685
(WY)	1990	1978	1984	1972	1982	1990	1964	1964	1973	1989	1984	1967
MIN	448	667	332	476	268	596	360	288	736	430	423	399
(WY)	1987	1985	1955	1956	1956	1986	1988	1988	1985	1986	1986	1986

SUMMARY STATISTICS                      FOR 1998 CALENDAR YEAR                      FOR 1999 WATER YEAR                      WATER YEARS 1950 - 1999

ANNUAL TOTAL		798428		370933								
ANNUAL MEAN		2187		1016						1921		
HIGHEST ANNUAL MEAN										3233		1990
LOWEST ANNUAL MEAN										808		1988
HIGHEST DAILY MEAN		7800	Feb 18		6650	Feb 9				13600	Apr 10	1964
LOWEST DAILY MEAN		247	Oct 31		247	Oct 31				132	Mar 14	1993
ANNUAL SEVEN-DAY MINIMUM		598	Nov 4		313	Apr 7				235	Mar 20	1955
INSTANTANEOUS PEAK FLOW					8700	Dec 4				22600	Mar 22	1964
INSTANTANEOUS PEAK STAGE						7.28	Dec 4			15.00	Mar 22	1964
ANNUAL RUNOFF (CFSM)		1.95				.91				1.72		
ANNUAL RUNOFF (INCHES)		26.54				12.33				23.33		
10 PERCENT EXCEEDS		5440				1970				4540		
50 PERCENT EXCEEDS		1550				830				1430		
90 PERCENT EXCEEDS		321				321				272		

STATISTICS COMPUTED BY: gabailey

DATE: 07/18/2000 AT: 15:14:37