



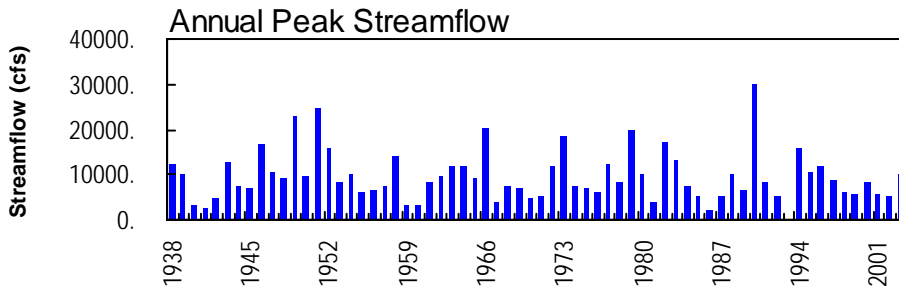
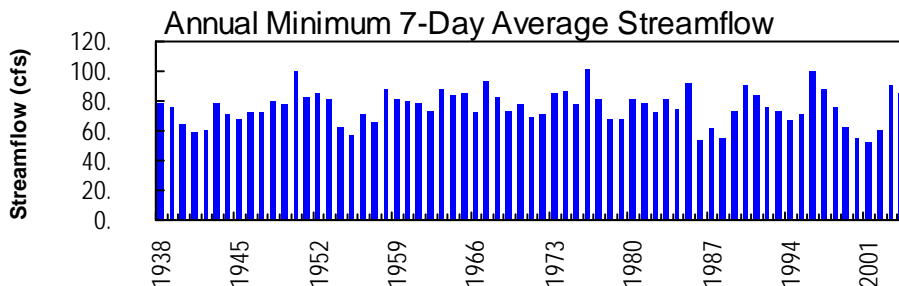
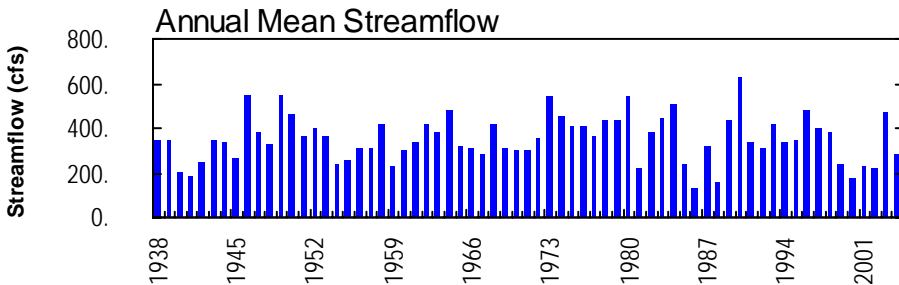
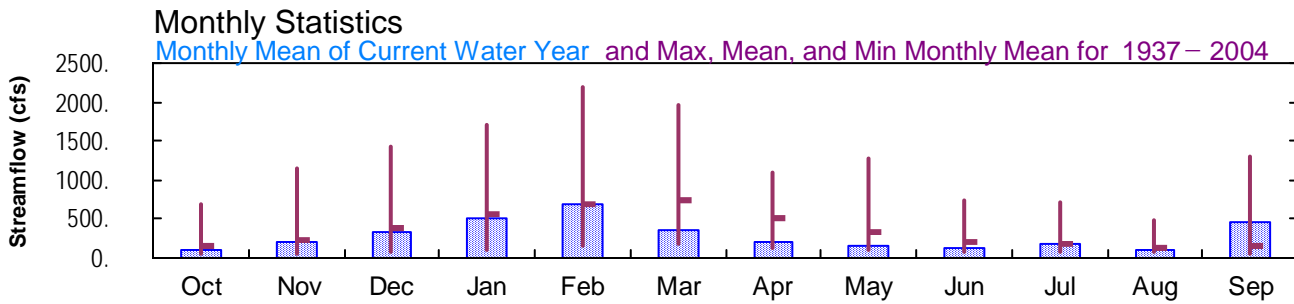
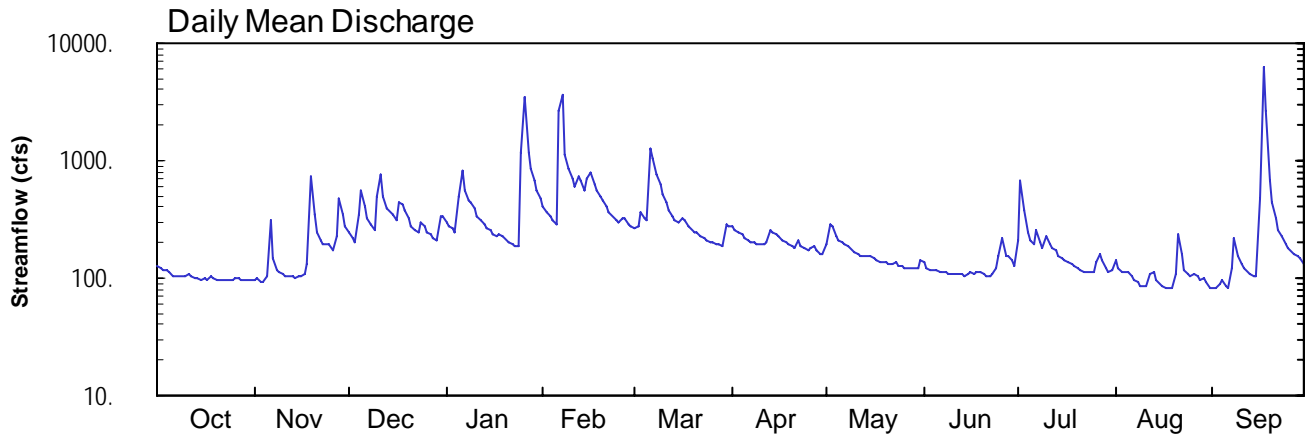
2004 Water Year
MOBILE RIVER BASIN

02398000 CHATTOOGA RIVER AT SUMMERVILLE, GA

Latitude: 34° 27 ' 59"
Chattooga County

Longitude: 085° 20 ' 10"
Datum: 613.47 feet

Hydrologic Unit Code: 03150105
Drainage Area: 192. mi²



USGS
02398000 Chattooga River at Summerville, GA, March 14, 1973

**MOBILE RIVER BASIN
2004 Water Year**

02398000 CHATTOOGA RIVER AT SUMMERVILLE, GA

LOCATION.—Lat 34°27'59", long 85°20'10" (revised) referenced to North American Datum (NAD) of 1983, Chattooga County, Hydrologic Unit 03150105, on left bank 600.0 feet downstream from bridge on US 27, 1.0 mile southeast of Summerville, and 4.0 miles upstream from Raccoon Creek.

DRAINAGE AREA.—192 square miles.

COOPERATION.—Georgia Geologic Survey.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—March 1937 to current year.

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

GAGE.—Satellite transmitter with a water-stage recorder. Datum of gage is 613.47 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by Georgia Department of Transportation). Prior to November 12, 1937, non-recording gage was located at same site and datum.

REMARKS.—Records fair. Low and medium flow had previously been regulated by a power plant at Trion, 6.0 miles upstream from the station, but it is now no longer in operation.

PEAKS DISCHARGES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 3,000 cfs and maximum (*):

DATE	TIME	DISCHARGE (cfs)	GAGE-HEIGHT (feet)
01/26	0830	4,810	14.01
02/07	0245	6,520	15.28
09/17	2015	9,370*	16.67*

WATER-STAGE RECORDS

PERIOD OF RECORD.—March 1937 to current water year.

GAGE.—Satellite transmitter with a water-stage recorder. Datum of gage is 613.47 feet above National Geodetic Vertical Datum (NGVD) of 1929 (levels by Georgia Department of Transportation). Prior to November 12, 1937, non-recording gage was located at same site and datum.

REMARKS.—Records fair.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 16.67 feet, September 17; minimum gage-height recorded, 2.08 feet, August 20.

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02398000 CHATTOOGA RIVER AT SUMMERVILLE, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 055
 LATITUDE 342759 LONGITUDE 0852010 NAD83 DRAINAGE AREA 192 CONTRIBUTING DRAINAGE AREA 192* DATUM 613.47 NGVD29

Gage height, feet
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.47	2.33	3.11	3.39	3.81	3.21	3.27	2.86	2.48	2.85	2.51	2.11
2	2.45	2.34	2.98	3.29	3.63	3.29	3.18	3.22	2.38	4.69	2.39	2.11
3	2.43	2.32	2.90	3.20	3.55	3.61	3.13	3.20	2.35	3.62	2.32	2.17
4	2.44	2.32	3.51	3.14	3.40	3.48	3.07	2.95	2.35	3.04	2.31	2.20
5	2.42	2.38	4.34	4.06	3.30	3.44	3.00	2.87	2.33	2.84	2.30	2.13
6	2.40	3.38	3.79	5.24	9.44	6.83	2.95	2.81	2.32	2.79	2.27	2.11
7	2.39	2.64	3.49	4.35	11.67	5.94	2.93	2.76	2.31	3.08	2.21	2.36
8	2.39	2.48	3.30	4.01	6.34	4.98	2.92	2.72	2.30	2.80	2.19	2.89
9	2.37	2.44	3.16	3.92	5.32	4.53	2.89	2.67	2.29	2.71	2.14	2.56
10	2.38	2.41	4.05	3.74	4.82	4.20	2.86	2.63	2.29	2.95	2.12	2.43
11	2.40	2.39	5.00	3.52	4.47	3.93	2.88	2.58	2.28	2.78	2.13	2.36
12	2.39	2.39	4.13	3.41	4.94	3.71	2.91	2.57	2.28	2.69	2.27	2.32
13	2.36	2.39	3.76	3.31	4.69	3.55	3.18	2.56	2.29	2.66	2.32	2.28
14	2.35	2.37	3.71	3.22	4.38	3.43	3.14	2.57	2.27	2.57	2.20	2.26
15	2.34	2.37	3.60	3.17	4.85	3.37	3.07	2.56	2.28	2.53	2.16	2.26
16	2.35	2.39	3.44	3.09	5.16	3.47	3.02	2.54	2.31	2.49	2.13	3.70
17	2.34	2.40	3.92	3.04	4.60	3.42	2.97	2.51	2.30	2.48	2.11	14.52
18	2.37	2.53	3.89	3.07	4.34	3.28	2.93	2.48	2.31	2.44	2.12	9.44
19	2.36	4.97	3.67	3.04	4.13	3.21	2.87	2.48	2.31	2.41	2.11	4.83
20	2.34	3.58	3.45	2.95	3.98	3.15	2.84	2.46	2.28	2.36	2.27	4.02
21	2.32	3.13	3.29	2.91	3.83	3.13	2.82	2.44	2.27	2.34	2.96	3.50
22	2.33	2.95	3.18	2.87	3.64	3.04	2.96	2.44	2.26	2.33	2.59	3.20
23	2.32	2.87	3.14	2.84	3.51	2.99	2.85	2.46	2.28	2.32	2.36	3.04
24	2.33	2.86	3.39	2.83	3.42	2.95	2.80	2.41	2.38	2.32	2.29	2.88
25	2.34	2.87	3.24	6.21	3.37	2.93	2.76	2.40	2.55	2.32	2.27	2.81
26	2.35	2.78	3.14	12.04	3.45	2.91	2.81	2.39	2.89	2.48	2.28	2.75
27	2.35	3.03	3.08	6.49	3.49	2.89	2.84	2.38	2.56	2.59	2.27	2.70
28	2.33	4.04	3.01	5.28	3.34	2.87	2.75	2.37	2.55	2.51	2.20	2.66
29	2.34	3.59	2.96	4.71	3.27	2.85	2.70	2.37	2.49	2.37	2.22	2.64
30	2.33	3.29	3.51	4.37	---	3.29	2.70	2.38	2.42	2.33	2.18	2.56
31	2.33	---	3.53	4.07	---	3.26	---	2.51	---	2.34	2.11	---
MEAN	2.37	2.81	3.51	4.03	4.56	3.59	2.93	2.60	2.37	2.68	2.27	3.33
MAX	2.47	4.97	5.00	12.04	11.67	6.83	3.27	3.22	2.89	4.69	2.96	14.52
MIN	2.32	2.32	2.90	2.83	3.27	2.85	2.70	2.37	2.26	2.32	2.11	2.11

