

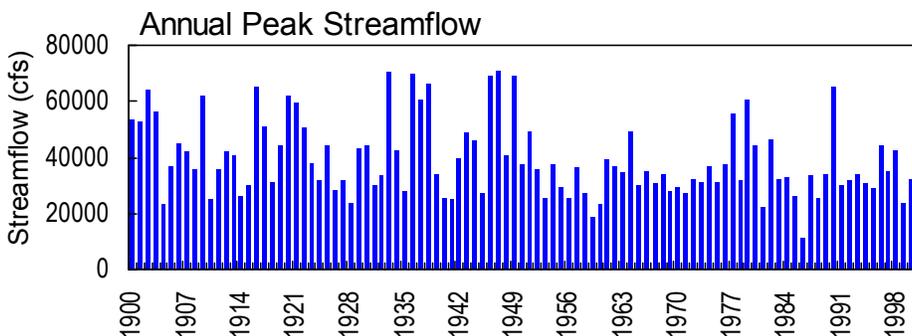
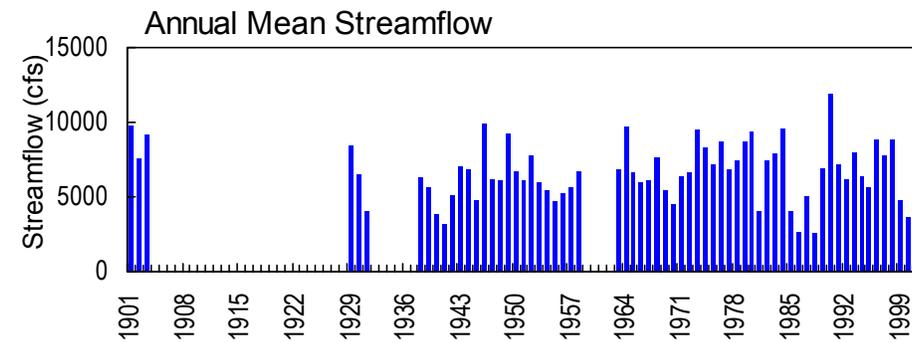
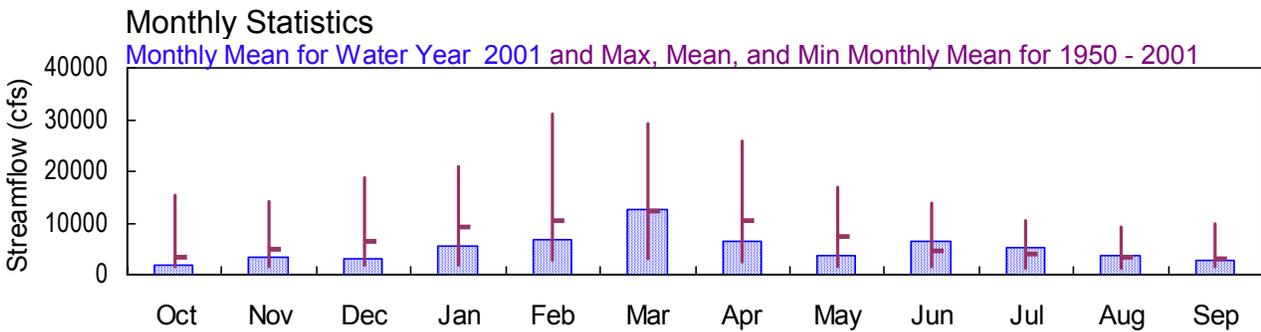
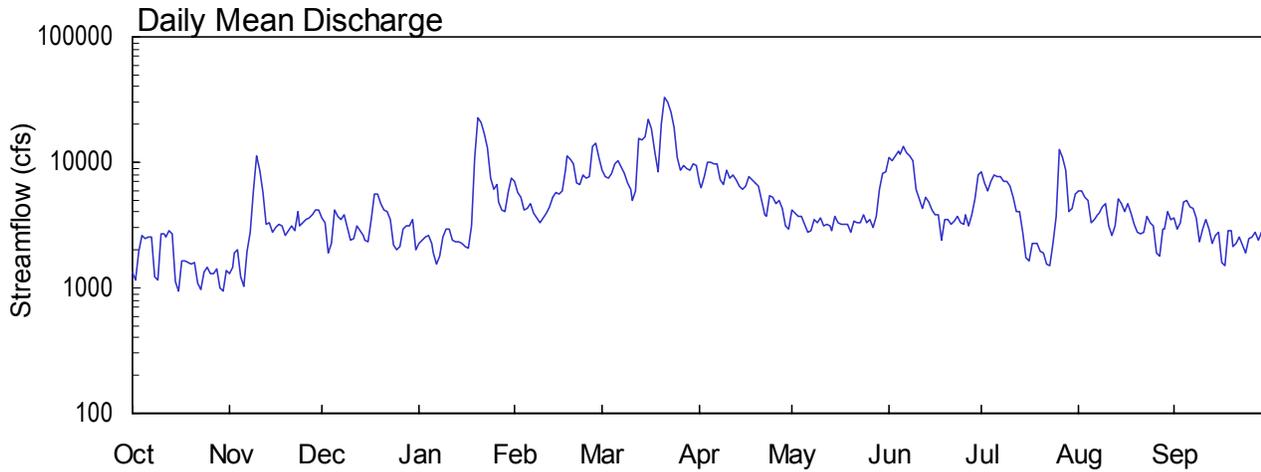


MOBILE RIVER BASIN

2001 Water Year

02397000 COOSA RIVER NEAR ROME, GA

Latitude: 34° 12' 01" Longitude: 85° 15' 24" Hydrologic Unit Code: 03150105 Floyd County
Drainage Area: 4040 mi² Datum: 553.1 feet Period of Record: 1950 - 2001



**MOBILE RIVER BASIN
2001 Water Year**

02397000 COOSA RIVER NEAR ROME, GA

LOCATION.--Lat 34°12'01", long 85°15'24", Floyd County, Hydrologic Unit 03150105, on left bank attached to left lock wall of Mayo's Bar lock near upstream end, 1.5 miles upstream from Webb Creek, 6.0 miles southwest of Rome, 7.5 miles downstream from confluence of Oostanaula and Etowah Rivers, and at mile 278.6.

DRAINAGE AREA.--4,040 mi², approximately.

COOPERATION.—Georgia Geologic Survey; Georgia Environmental Protection Division; Georgia Power; Alabama Power.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1896 to December 1903 (published as "at Rome"), June 1928 to December 1931, March 1937 to December 1958, October 1962 to current year. Water years 1959-62 (annual maximum only).

REVISED RECORDS.--WSP 1674, 1906: 1959(M) WDR GA-90-1: 1937-38(M), 1946(P), 1947(M), 1949(M), WDR GA-92-1: 1981.

GAGE.--Satellite telemetry with a water-stage recorder and a continuous water-quality monitor. Datum of gage is 553.05 feet above sea level (levels by Corps of Engineers). From January 1, 1897, to December 31, 1903, a non-recording gage was located at site 7.5 miles upstream at datum 8.65 feet higher. From June 21, 1928, to December 31, 1931, and March 10, 1937 to December 31, 1958, a water-stage recorder was located at site 200 feet downstream at same datum. The station 02388525 Oostanaula River at US 27, at Rome, has been used as an auxiliary gage since 1963.

REMARKS.--Records good. Flow regulated by Allatoona Reservoir since December 1949 and by Carters Lake and Carters re-regulation Reservoir since November 1974.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage known since at least 1834, 40.3 feet at site and datum at Rome, equivalent to about 43 feet at present site, from gage-height relation, April 1, 1886, discharge, 100,000 ft³/s, from rating curve extended above 63,000 ft³/s on basis of peak flow at Gadsden, AL.

**MOBILE RIVER BASIN
2001 Water Year**

02397000 COOSA RIVER NEAR ROME, GA--continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.-- October 1896 to December 1903 (published as "at Rome"), June 1928 to December 1931, March 1937 to December 1958, October 1962 to current year. Water years 1959-62 (annual maximum only). Gage-height records collected at same site for period 1922-49 are contained in reports of National Weather Service.

GAGE.--Satellite telemetry with a water-stage recorder and a continuous water-quality monitor. Datum of gage is 553.05 feet above sea level (levels by Corps of Engineers). From January 1, 1897, to December 31, 1903, a non-recording gage was located at site 7.5 miles upstream at datum 8.65 feet higher. From June 21, 1928, to December 31, 1931, and March 10, 1937 to December 31, 1958, a water-stage recorder was located at site 200 feet downstream at same datum. The station 02388525 Oostanaula River at US 27, at Rome, has been used as an auxiliary gage since 1963.

REMARKS.--Records good.

EXTREMES FOR CURRENT YEAR.--Maximum gage-height recorded, 27.17 feet, March 21; minimum gage-height recorded, 10.48 feet, October 23.

PRECIPITATION RECORDS

PERIOD OF RECORD.--December 14, 2000 to September 30, 2001.

GAGE.--Tipping-bucket raingage.

REMARKS.--Records good.

STATION NUMBER 02397000 COOSA RIVER NEAR ROME, GA STREAM SOURCE AGENCY USGS
 LATITUDE 341201 LONGITUDE 0851524 DRAINAGE AREA 4040 DATUM 553.05 STATE 13 COUNTY 115

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.89	10.88	12.14	11.49	13.58	14.26	13.46	12.38	15.23	14.19	13.14	12.13
2	10.75	10.99	12.01	11.60	13.07	13.89	13.27	12.29	14.94	13.56	13.11	11.84
3	11.28	11.26	11.31	---	12.84	13.72	13.82	12.18	15.37	13.26	12.84	12.01
4	11.62	11.35	11.50	---	12.41	14.08	14.81	12.21	15.96	13.69	12.73	12.69
5	11.58	10.80	12.42	11.48	12.46	14.72	14.76	11.99	15.53	14.01	12.01	12.72
6	11.62	10.63	12.21	11.29	12.58	14.90	14.73	11.79	16.36	13.92	12.08	12.49
7	11.62	11.25	12.12	11.08	12.31	14.48	14.73	11.80	15.65	13.94	12.24	12.44
8	10.82	11.76	12.23	11.24	12.15	14.04	13.64	12.08	15.25	13.66	12.28	12.15
9	10.75	13.07	11.89	11.65	12.01	13.47	13.38	12.03	14.99	13.62	12.47	11.56
10	11.73	15.27	11.58	11.86	---	13.17	14.24	12.14	13.30	13.47	12.58	11.84
11	11.74	14.27	11.62	11.83	---	12.72	13.72	11.93	12.98	13.01	11.94	12.10
12	11.64	13.03	11.93	11.59	12.48	13.14	13.94	11.99	12.69	12.60	11.69	11.83
13	11.79	11.96	---	11.55	12.84	17.41	13.71	11.92	13.04	12.58	11.94	11.51
14	11.73	12.01	---	11.54	13.04	17.22	13.37	11.80	12.84	12.08	12.79	11.67
15	10.71	11.75	---	11.51	12.97	17.66	13.20	12.18	12.61	11.55	12.63	11.74
16	10.54	11.86	11.52	11.45	13.10	20.61	13.32	12.02	12.48	11.48	12.31	11.09
17	11.11	11.93	12.09	11.41	14.28	19.03	13.82	11.96	---	11.82	12.60	11.04
18	11.09	11.93	12.99	11.90	15.37	15.75	13.70	11.97	11.94	11.84	---	11.77
19	11.05	11.70	13.00	15.23	---	14.10	13.47	11.98	12.37	11.84	---	11.75
20	11.04	11.79	12.58	20.94	14.69	19.66	13.30	11.77	12.39	11.65	---	11.43
21	11.11	11.94	12.41	20.00	13.48	26.60	12.70	12.08	12.28	11.64	---	11.51
22	10.70	11.81	12.32	17.98	13.42	25.90	12.26	---	12.34	11.42	11.77	11.64
23	10.57	12.36	12.09	16.14	13.98	23.08	12.17	11.99	12.46	11.39	12.20	11.46
24	10.86	11.90	11.49	13.75	13.77	19.70	12.89	12.24	12.32	11.83	12.02	11.30
25	10.97	12.01	11.38	13.16	13.83	15.25	12.86	12.03	12.26	12.40	11.93	11.58
26	10.87	12.12	11.42	13.38	16.30	14.24	12.60	12.12	12.51	16.03	11.29	11.65
27	10.87	12.15	11.83	12.64	16.61	14.60	12.71	11.91	12.23	---	11.24	11.76
28	10.95	12.22	11.93	---	15.20	14.34	12.42	12.19	12.49	14.27	11.83	11.58
29	10.60	12.37	11.91	---	---	14.21	11.92	13.22	12.97	12.33	11.84	11.72
30	10.56	12.41	12.10	13.02	---	14.72	11.85	14.08	13.95	12.45	12.30	11.01
31	10.89	---	11.39	13.73	---	14.54	---	14.17	---	12.98	12.07	---
MEAN	11.10	12.03	---	---	---	16.30	13.36	---	---	---	---	11.77

STATION NUMBER 02397000 COOSA RIVER NEAR ROME, GA STREAM SOURCE AGENCY USGS
 LATITUDE 341201 LONGITUDE 0851524 DRAINAGE AREA 4040 DATUM 553.05 STATE 13 COUNTY 115

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
 DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	.00	.00	.00	.00	---	.00	.00	.09
2	---	---	---	---	.00	.16	.00	.00	.00	.00	.00	.52
3	---	---	---	---	.00	.74	.73	.00	1.06	1.11	.22	.34
4	---	---	---	---	.00	.04	.38	.00	.04	.43	.00	.00
5	---	---	---	---	.00	.01	.00	.00	.01	.46	.01	.01
6	---	---	---	---	.00	.00	.00	.06	.00	.00	.18	.00
7	---	---	---	---	.00	.00	.00	.00	.17	.00	.29	.00
8	---	---	---	---	.00	.00	.00	.10	.26	.00	.00	.00
9	---	---	---	---	.34	.00	.00	.00	.01	.14	.00	.00
10	---	---	---	---	.02	.00	.00	.00	.00	.02	.01	.00
11	---	---	---	---	.00	.00	.00	.02	.09	.00	.80	.00
12	---	---	---	---	.51	1.78	.02	.00	.17	.01	1.50	.00
13	---	---	---	---	.18	.00	.58	.00	.00	.00	.51	.00
14	---	---	.02	---	.03	.12	.00	.00	.00	.00	.01	.00
15	---	---	.06	---	.01	1.04	.55	.00	.37	.00	.00	.00
16	---	---	.37	---	.89	.00	.00	.00	.00	.00	.00	.00
17	---	---	.03	---	.04	.00	.00	.00	.00	.00	.00	.00
18	---	---	.03	---	.00	.00	.00	.00	.00	.00	.00	.00
19	---	---	.05	---	.00	.83	.00	.88	.00	.54	.01	.23
20	---	---	.00	---	.00	2.56	.00	.00	.00	.02	.14	.15
21	---	---	.00	---	.00	.01	.00	.00	.00	.00	.00	.00
22	---	---	.00	---	.95	.00	.00	.37	.92	.00	.00	.01
23	---	---	.01	---	.00	.00	.00	.00	.00	.00	.00	.00
24	---	---	.00	.00	.00	.00	.03	.51	.00	.00	.00	.78
25	---	---	.00	.00	.89	.00	.00	.17	.28	.41	.00	.00
26	---	---	---	.00	.01	.00	.00	.00	.00	.01	.00	.00
27	---	---	---	.00	.03	.00	.00	.23	.00	---	.00	.00
28	---	---	---	.00	.02	.00	.00	3.35	2.52	.52	.00	.00
29	---	---	---	.64	---	1.14	.00	.02	.38	.65	.02	.00
30	---	---	---	.15	---	.06	.00	.00	.36	.00	.03	.00
31	---	---	---	.00	---	.00	---	.40	---	.00	1.89	---
TOTAL	---	---	---	---	3.92	8.49	2.29	6.11	---	---	5.62	2.13