

**MOBILE RIVER BASIN  
2004 Water Year**

**02397000 COOSA RIVER NEAR ROME, GA**

**LOCATION.**—Lat 34°12'01", long 85°15'24" referenced to North American Datum (NAD) of 1927, 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 square miles, approximately.

**COOPERATION.**—Georgia Power.

**PERIOD OF RECORD.**—March 1968 to current year.

**CONTINUOUS WATER-QUALITY RECORDS**

**PERIOD OF DAILY RECORD.**—

**WATER TEMPERATURE:** February 1986 to September 1987, April 1988 to current year.

**INSTRUMENTATION.**—Satellite telemetry with a continuous water-quality monitor.

**REMARKS.**—Records good.

**EXTREMES FOR PERIOD OF DAILY RECORD.**—

**WATER TEMPERATURE:** Maximum recorded, 31.0 °C, July 19, 21, 1986; minimum recorded, 1.5 °C, February 5, 1996.

**EXTREMES FOR CURRENT YEAR.**—

**WATER TEMPERATURE:** Maximum recorded, 27.2 °C, August 30; minimum recorded, 5.3 °C, January 12, 25.

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

STATION NUMBER 02397000 COOSA RIVER NEAR ROME, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 115  
 LATITUDE 341201 LONGITUDE 0851524 NAD27 DRAINAGE AREA 4040.00 CONTRIBUTING DRAINAGE AREA 4040 DATUM 553.05 NGVD29

Temperature, water, degrees Celsius  
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	20.7	19.5	20.0	18.6	17.7	18.0	10.6	9.8	10.0	7.7	7.1	7.4
2	20.1	18.7	19.4	17.9	17.5	17.7	11.2	9.7	10.4	8.3	7.7	8.1
3	19.4	18.0	18.7	17.8	17.4	17.6	11.3	9.8	10.6	9.4	8.3	9.0
4	19.5	17.9	18.7	18.5	17.4	18.0	11.0	9.7	10.4	10.8	9.4	10.0
5	19.3	18.6	18.8	19.2	18.2	18.8	10.8	9.6	10.3	11.7	10.8	11.4
6	19.1	18.8	19.0	19.6	19.0	19.5	10.6	8.8	9.9	11.7	---	---
7	20.2	19.1	19.5	19.6	18.8	19.3	9.6	8.5	9.0	9.9	8.6	9.4
8	21.6	20.0	20.6	18.8	17.8	18.2	9.4	8.5	9.0	8.6	6.6	7.4
9	21.2	20.1	20.8	17.8	16.7	17.1	10.3	9.0	9.6	6.6	6.2	6.4
10	21.3	20.7	20.9	16.7	15.8	16.2	10.7	9.3	10.1	6.5	6.2	6.3
11	20.7	20.2	20.5	16.6	15.6	16.1	9.7	8.9	9.4	6.2	5.7	5.9
12	20.5	19.9	20.2	17.2	16.3	16.8	9.5	8.5	8.9	5.9	5.3	5.6
13	20.9	20.4	20.6	17.8	16.3	17.1	8.8	8.2	8.4	6.6	5.9	6.3
14	21.3	20.7	21.0	16.3	15.0	15.3	8.8	8.1	8.4	7.0	6.6	6.8
15	20.8	19.3	19.9	15.5	14.5	14.9	9.0	8.1	8.5	8.1	7.0	7.7
16	19.7	18.4	19.0	15.1	14.3	14.7	9.1	8.1	8.6	8.0	7.6	7.8
17	19.1	18.1	18.5	14.8	14.3	14.5	9.2	8.4	8.8	7.7	7.3	7.4
18	18.2	17.5	17.8	16.5	14.8	15.8	8.9	8.1	8.4	8.0	7.3	7.7
19	17.9	17.2	17.6	17.0	16.2	16.6	8.4	7.8	8.1	8.1	7.5	7.8
20	18.0	17.6	17.8	16.2	15.5	15.7	8.0	7.1	7.4	7.5	6.5	6.8
21	18.9	17.5	18.1	15.6	15.0	15.4	7.1	6.4	6.7	6.6	5.7	6.2
22	19.4	18.4	19.0	15.6	14.9	15.3	6.9	6.2	6.4	5.9	5.3	5.5
23	19.1	18.3	18.8	15.7	14.9	15.4	7.9	6.6	7.3	6.1	5.7	5.9
24	19.1	18.4	18.8	16.0	14.5	15.5	8.5	7.9	8.3	6.8	5.7	6.1
25	19.0	18.5	18.8	14.9	13.6	14.3	8.2	7.2	7.6	7.5	6.8	7.2
26	19.0	18.5	18.7	14.3	12.7	13.5	7.2	6.8	7.0	7.1	6.8	7.0
27	18.5	17.6	18.3	14.4	12.9	13.5	7.0	6.5	6.7	6.9	6.6	6.8
28	17.6	17.0	17.3	14.2	13.2	13.6	6.9	6.5	6.6	6.6	6.1	6.3
29	17.4	16.6	17.0	13.6	11.6	12.4	7.7	6.5	6.8	6.3	5.5	5.9
30	18.1	16.9	17.5	11.6	10.6	11.0	8.4	7.7	8.1	6.3	5.9	6.1
31	18.4	17.3	17.8	---	---	---	8.2	7.3	7.6	6.5	5.9	6.2
MONTH	21.6	16.6	19.0	19.6	10.6	15.9	11.3	6.2	8.5	11.7	---	---

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Temperature, water, degrees Celsius  
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	6.7	6.2	6.4	10.4	8.7	9.2	15.5	13.8	14.3	18.1	17.3	17.6
2	6.5	6.2	6.3	11.6	10.4	11.3	13.8	13.0	13.4	18.3	17.9	18.1
3	7.1	6.5	6.8	12.3	11.4	11.8	14.2	13.2	13.7	18.1	17.4	17.6
4	7.1	6.6	6.9	13.3	12.3	12.7	14.3	13.8	14.1	17.4	16.7	17.1
5	7.2	6.9	7.0	14.5	13.3	13.7	14.6	14.0	14.3	18.0	16.9	17.4
6	7.9	6.8	7.2	15.5	14.5	15.0	15.0	14.2	14.5	19.4	18.0	18.4
7	8.0	7.7	7.9	15.4	14.9	15.2	15.3	13.9	14.4	20.4	19.2	19.6
8	7.7	7.4	7.6	15.2	14.6	14.9	16.1	15.1	15.5	21.7	20.4	20.9
9	7.4	6.8	7.0	14.6	12.8	13.8	16.1	15.5	15.8	21.9	21.3	21.6
10	7.0	6.7	6.8	12.8	11.7	12.2	15.8	15.3	15.6	21.9	21.2	21.6
11	7.6	7.0	7.2	11.7	11.0	11.1	15.5	15.1	15.2	21.8	20.3	21.2
12	7.6	7.4	7.5	11.3	10.6	11.0	15.7	15.5	15.6	21.1	18.1	20.1
13	7.5	6.9	7.2	11.7	11.0	11.4	15.9	13.6	15.2	21.2	20.0	20.6
14	7.8	7.4	7.6	12.5	11.4	11.8	14.1	12.7	13.5	21.2	20.1	20.8
15	8.1	7.8	8.0	13.2	12.5	12.8	14.9	13.5	14.1	20.9	19.3	19.9
16	8.3	7.8	8.1	14.0	13.2	13.5	15.8	14.5	15.1	19.7	19.2	19.4
17	7.8	7.5	7.6	14.3	13.7	14.0	16.8	15.4	15.9	20.2	19.7	19.9
18	7.7	7.0	7.4	14.2	13.3	13.6	18.1	16.8	17.2	20.9	20.2	20.5
19	8.2	7.3	7.6	13.8	12.7	13.3	19.3	18.1	18.6	21.0	20.4	20.7
20	8.3	7.6	7.8	14.5	13.1	13.7	20.0	19.3	19.6	22.2	20.7	21.4
21	9.1	8.1	8.5	14.9	14.3	14.6	20.0	19.2	19.5	22.3	21.7	22.0
22	9.6	8.8	9.1	14.8	13.8	14.2	19.4	18.9	19.1	22.4	21.8	22.1
23	9.7	9.4	9.5	13.8	12.5	13.1	19.7	18.9	19.2	22.7	22.1	22.4
24	9.9	9.4	9.6	12.8	11.5	12.2	20.5	19.2	19.7	22.6	21.7	22.1
25	9.5	9.3	9.4	13.7	12.2	12.9	20.5	20.0	20.2	22.8	20.3	21.8
26	9.3	8.3	8.7	15.2	13.7	14.2	20.0	19.3	19.7	23.1	21.4	22.5
27	8.3	7.8	7.9	15.8	15.2	15.5	19.3	18.5	18.8	23.2	21.9	22.6
28	8.2	7.4	7.8	17.0	15.8	16.4	18.6	17.5	17.9	22.8	22.1	22.5
29	8.7	8.2	8.4	17.4	17.0	17.2	18.0	17.3	17.6	22.3	21.7	22.1
30	---	---	---	17.5	17.0	17.3	17.8	17.3	17.5	22.8	22.1	22.4
31	---	---	---	17.4	15.3	16.1	---	---	---	23.2	22.1	22.6
MONTH	9.9	6.2	7.8	17.5	8.7	13.5	20.5	12.7	16.5	23.2	16.7	20.6

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Temperature, water, degrees Celsius  
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.6	21.7	22.1	22.4	20.3	21.5	---	---	---	26.9	25.9	26.4
2	22.2	19.8	21.0	22.9	21.3	22.3	---	---	---	26.0	25.0	25.3
3	20.8	19.1	20.2	22.9	21.8	22.4	---	---	---	25.0	24.0	24.5
4	21.7	20.8	21.3	24.5	22.9	23.6	---	---	---	24.7	24.3	24.5
5	22.2	21.4	21.9	25.7	24.2	24.8	---	---	---	25.0	24.3	24.6
6	23.1	22.0	22.6	25.7	24.8	25.4	---	---	---	24.9	24.2	24.6
7	23.5	23.0	23.3	24.8	22.5	23.4	---	---	---	24.3	23.2	24.0
8	23.1	22.0	22.7	24.3	22.7	23.7	---	---	---	23.2	22.9	23.1
9	23.0	20.7	22.0	24.1	22.8	23.7	---	---	---	23.4	22.3	22.8
10	22.8	19.8	21.7	24.8	23.2	24.1	---	---	---	24.2	23.3	23.7
11	23.3	20.8	22.4	25.2	23.7	24.3	---	---	---	24.5	23.9	24.1
12	24.5	21.4	23.1	---	---	---	---	---	---	24.8	24.1	24.5
13	22.8	20.7	21.8	---	---	---	---	---	---	24.8	24.2	24.4
14	22.9	22.1	22.4	25.8	24.2	25.2	---	---	---	24.3	23.4	23.9
15	23.4	22.7	23.1	25.8	23.9	25.2	---	---	---	23.9	23.4	23.8
16	24.3	23.1	23.6	25.8	24.3	25.1	---	---	---	23.8	23.0	23.4
17	24.7	23.4	24.1	25.3	25.1	25.2	24.8	23.8	24.3	23.0	22.2	22.6
18	25.5	22.9	23.9	25.4	24.9	25.2	25.2	24.6	24.9	22.2	21.8	21.9
19	23.6	20.7	22.6	25.6	24.8	25.2	26.1	24.8	25.4	21.8	21.2	21.5
20	25.2	23.6	24.6	25.6	24.5	25.1	26.1	25.1	25.6	21.3	20.6	21.0
21	26.2	25.0	25.8	25.5	24.5	25.2	25.5	24.7	25.1	20.9	20.2	20.5
22	26.2	24.8	25.7	25.7	24.6	25.2	24.7	24.0	24.3	20.5	19.9	20.2
23	25.8	24.5	25.2	26.2	24.6	25.5	25.2	24.1	24.5	20.7	20.0	20.3
24	24.7	23.6	24.4	26.3	25.7	26.1	25.8	24.8	25.2	22.7	20.7	21.8
25	24.7	22.5	23.6	---	---	---	25.8	25.5	25.6	22.6	22.3	22.5
26	24.0	23.4	23.6	---	---	---	25.6	24.8	25.3	22.8	22.5	22.6
27	23.4	22.8	23.0	---	---	---	25.7	24.8	25.3	22.7	22.1	22.4
28	22.8	22.2	22.4	---	---	---	26.3	25.5	25.9	22.2	21.9	22.1
29	23.4	22.1	22.6	---	---	---	26.8	26.3	26.5	22.1	21.8	22.0
30	23.4	22.1	23.0	---	---	---	27.2	26.5	26.9	22.1	21.5	21.8
31	---	---	---	---	---	---	27.1	26.5	26.8	---	---	---
MONTH	26.2	19.1	23.0	---	---	---	---	---	---	26.9	19.9	23.0