

**MOBILE RIVER BASIN
2004 Water Year**

02394670 ETOWAH RIVER AT GA 61, NEAR CARTERSVILLE, GA

LOCATION.—Lat 34°08'34" , long 84°50'20" referenced to North American Datum (NAD) of 1927, Bartow County, Hydrologic Unit 03150104, on GA 61, 3.0 miles southeast of Cartersville.

DRAINAGE AREA.—1,345 square miles.

COOPERATION.—U.S. Army Corps of Engineers, Mobile District.

WATER-STAGE RECORDS

PERIOD OF RECORD.—November 1985 to current year (gage-heights only). Gage-height records collected from May 1937 to November 1939 at a site 200.00 feet upstream and from November 1939 until at least 1961, data collected at same site are contained in reports of National Weather Service. Gage-height records were collected at same site since December 1949 and discharge measurements for the period August 1945 to May 1975 in files of the U.S. Army Corps of Engineers.

GAGE.—Water-stage recorder with satellite telemetry. Datum of gage is 650.81 feet above National Geodetic Vertical Datum (NGVD) of 1929.

REMARKS.—Records good. Gage-height affected by Allatoona Reservoir Dam since December 1949.

EXTREMES FOR PERIOD OF RECORD.—Maximum recorded gage-height, 17.96 feet March 17, 1990; minimum recorded, 4.06 feet September. 10, 1986.

EXTREMES OUTSIDE PERIOD OF RECORD.—Flood in April 1886 reached a gage-height of 37.0 feet, information supplied by U.S. Weather Service. Flood of December 19, 1919 reached a gage-height of 31.0 feet, information supplied by local resident. Flood of November 29, 1948 reached a gage-height of 30.0 feet, from U.S. Weather Service gage-height records. Minimum observed gage-height, 3.8 feet, September 25, 1939, from U.S. Weather Service gage-height records.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 14.57 feet, November 19; minimum gage-height recorded, 4.60 feet, June 14, September 6, 7.

PRECIPITATION RECORDS

PERIOD OF RECORD.—August 16, 2002 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

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

STATION NUMBER 02394670 ETOWAH RIVER AT GA 61, NEAR CARTERSVILLE, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 015
 LATITUDE 340834 LONGITUDE 0845020 NAD27 DRAINAGE AREA 1345.00 CONTRIBUTING DRAINAGE AREA 1345.00* DATUM 650.81 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	6.30	4.71	8.05	6.84	4.97	6.58	6.51	4.90	7.03	7.34	4.78	6.07
2	6.17	4.92	8.57	8.12	6.05	6.42	6.28	5.03	6.59	8.28	6.43	6.01
3	6.04	7.25	8.38	5.25	5.94	6.27	4.90	5.62	5.71	5.75	6.46	4.72
4	4.72	7.76	8.58	4.86	6.01	5.30	4.87	5.23	6.00	5.08	6.40	4.65
5	4.67	8.45	9.22	7.94	5.01	6.03	6.91	4.95	5.18	7.23	6.16	5.17
6	6.50	8.15	8.44	6.76	8.10	5.12	6.58	5.19	4.78	7.98	5.76	4.82
7	5.96	7.20	7.86	7.48	7.66	5.17	5.94	5.62	6.19	8.00	4.76	5.56
8	7.17	5.32	8.37	7.73	6.29	5.52	6.62	5.82	7.10	7.49	5.67	8.38
9	7.71	4.72	7.26	6.42	7.29	6.07	5.84	5.91	7.17	7.28	6.01	7.44
10	6.67	8.19	6.41	5.94	8.05	6.49	4.85	6.87	6.57	4.96	6.07	4.98
11	4.80	7.82	7.99	5.32	7.49	7.08	4.87	6.78	7.64	4.90	5.99	6.69
12	5.58	8.53	8.43	7.47	9.98	6.59	6.12	6.04	7.11	7.08	7.08	5.57
13	6.91	7.91	8.85	6.09	9.99	5.09	9.25	6.36	5.18	6.62	7.94	6.73
14	7.02	8.10	7.33	6.04	8.75	5.10	6.92	6.89	4.80	7.06	4.86	6.77
15	6.91	5.89	9.08	6.33	7.53	5.32	6.34	5.21	6.32	6.12	4.73	6.89
16	7.22	4.69	8.26	4.87	9.40	6.00	5.25	4.82	6.82	5.09	6.17	6.03
17	6.23	6.24	8.37	4.84	9.42	6.28	5.11	6.51	7.57	5.23	6.49	10.12
18	5.06	6.93	8.41	4.88	8.04	5.92	5.02	5.72	8.18	6.39	6.72	6.32
19	4.68	10.96	7.32	4.90	8.47	5.48	5.82	5.96	4.92	6.04	6.42	5.38
20	6.60	10.39	4.96	6.57	8.67	4.90	5.82	6.16	4.76	6.37	4.74	5.08
21	7.29	11.37	4.90	5.06	5.19	4.90	5.94	5.68	6.44	6.51	5.03	4.95
22	7.55	11.23	8.03	5.36	5.39	6.74	5.45	5.71	5.22	6.16	5.13	4.89
23	8.52	10.74	8.34	5.36	6.38	6.83	5.49	6.57	6.19	5.94	6.39	8.07
24	7.88	10.92	7.53	5.32	6.82	5.82	4.86	6.90	6.16	4.89	5.10	12.82
25	4.82	9.74	6.21	6.18	6.53	5.28	4.90	6.08	5.42	4.72	6.17	12.82
26	4.68	9.58	6.31	7.81	7.51	4.86	6.32	6.51	5.05	6.58	6.26	12.89
27	7.68	7.91	6.27	8.83	7.62	4.86	6.18	5.81	5.23	6.77	5.97	12.87
28	7.99	8.30	4.91	8.36	6.41	4.86	6.66	6.07	6.62	7.14	4.64	12.96
29	8.20	6.04	7.87	7.37	4.97	5.59	5.74	4.79	7.81	6.29	4.77	12.95
30	8.11	5.02	8.37	5.09	---	6.66	5.47	5.53	8.42	6.05	5.33	12.97
31	7.46	---	8.38	6.07	---	6.52	---	6.16	---	4.93	5.87	---
MEAN	6.55	7.83	7.65	6.31	7.24	5.80	5.89	5.85	6.27	6.33	5.82	7.72
MAX	8.52	11.37	9.22	8.83	9.99	7.08	9.25	6.90	8.42	8.28	7.94	12.97
MIN	4.67	4.69	4.90	4.84	4.97	4.86	4.85	4.79	4.76	4.72	4.64	4.65

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 LATITUDE 340834 LONGITUDE 0845020 NAD27 DRAINAGE AREA 1345.00 CONTRIBUTING DRAINAGE AREA 1345.00* DATUM 650.81 NGVD29

Precipitation, total, inches
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
 DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.08	0.02	0.23	0.00	1.20
2	0.00	0.00	0.00	0.00	0.55	0.22	0.00	0.46	0.01	0.66	0.06	0.00
3	0.00	0.00	0.08	0.00	0.03	0.00	0.00	0.01	0.00	0.01	0.01	0.00
4	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00
5	0.00	0.00	0.03	0.63	0.00	0.00	0.01	0.00	0.00	0.00	0.31	0.00
6	0.06	0.35	0.00	0.00	2.03	0.55	0.00	0.00	0.00	0.58	0.00	0.01
7	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.01	0.00	2.76
8	0.26	0.00	0.00	0.08	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.09
9	0.00	0.00	0.00	0.23	0.00	0.00	0.00	0.08	0.00	0.03	0.00	0.01
10	0.03	0.00	0.82	0.00	0.09	0.00	0.00	0.01	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.20	0.00	0.43	0.00	0.00	0.00	0.00	0.00
12	0.00	0.05	0.00	0.00	0.56	0.00	---	0.07	0.00	0.13	1.13	0.00
13	0.01	0.01	0.25	0.00	0.01	0.00	---	0.57	0.28	0.03	0.00	0.00
14	0.02	0.00	0.10	0.00	0.15	0.00	---	0.00	0.19	0.02	0.00	0.00
15	0.00	0.00	0.00	0.00	0.34	0.00	0.01	0.00	0.09	0.01	0.00	0.00
16	0.04	0.19	0.21	0.00	0.00	0.16	0.00	0.04	0.10	0.02	0.00	2.94
17	0.20	0.11	0.11	0.19	0.00	0.00	0.00	2.20	0.01	0.01	0.00	0.11
18	0.00	3.17	0.02	0.07	0.00	0.00	0.00	0.87	0.15	0.01	0.00	0.00
19	0.00	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.01	0.11	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.02	0.03	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.05	0.01	0.00	0.00
23	0.00	0.00	0.64	0.00	0.00	0.00	0.00	0.00	0.48	0.00	0.01	0.00
24	0.00	0.47	0.01	0.04	0.01	0.00	0.00	0.00	0.76	0.00	0.01	0.00
25	0.00	0.00	0.00	2.06	0.22	0.00	0.96	0.00	1.05	1.10	0.00	0.00
26	0.22	0.00	0.00	0.00	0.62	0.00	1.15	0.00	0.03	0.04	0.00	0.00
27	0.02	1.05	0.00	0.00	0.01	0.00	0.00	0.00	0.98	0.03	0.00	0.17
28	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.04	0.56	0.01	0.05	0.00
29	0.00	0.00	0.14	0.00	0.00	0.02	0.00	0.17	0.00	0.00	0.01	0.00
30	0.00	0.00	0.02	0.00	---	0.88	0.00	0.00	0.57	0.08	0.00	0.00
31	0.00	---	0.00	0.00	---	0.18	---	0.85	---	0.07	0.00	---
TOTAL	1.16	5.85	2.50	3.30	4.82	2.11	---	5.45	6.66	3.22	1.73	7.29