

**APALACHICOLA RIVER BASIN
2001 Water Year**

02356000 FLINT RIVER AT BAINBRIDGE, GA

LOCATION.--Lat 30°54'41", long 84°34'48", Decatur County, Hydrologic Unit 03130008, on downstream side of bridge on US Highway 27 (Business Route), 0.2 miles downstream from Seaboard Coast Line Railroad bridge, and 29.2 miles upstream from Jim Woodruff Dam, and at mile 29.0.

DRAINAGE AREA.--7,570 mi², approximately.

COOPERATION.—Georgia Geologic Survey.

WATER-STAGE RECORDS

PERIOD OF RECORD.—August 1977 to current year. From October 1971 to July 1976, only annual peak discharge data were published. Daily mean discharge data were published from October 1907 to December 1913, and from October 1928 to September 1971. Gage-height records were collected at the same sites from 1904 to 1907.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 58.06 feet above sea level. Prior to December 31, 1913, a non-recording gage was located at same site at datum 0.3 feet higher. From October 1, 1928 to January 14, 1929, a non-recording gage was located at present site and datum. An auxiliary water-stage recorder was located at a site 6.4 miles upstream January 15, 1957 to September 1971.

REMARKS.--Flow regulated by power plants at Flint River Reservoir since 1921, with a capacity of 7,500 acre-feet; and at Warwick Reservoir since 1930, with a capacity of about 35,000 acre-feet. Normal operation of power plants does not materially affect figures of monthly runoff. Average discharge was adjusted for storage for records previous to October 1, 1999.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 108,000 ft³/s July 14, 1994; gage-height, 37.20 feet; minimum daily, 1,340 ft³/s Sept. 25, 1963 .

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage known since at least 1893, 40.9 feet, present datum, Jan. 24, 1925, discharge 101,000 ft³/s, from rating curve extended above 70,000 ft³/s on basis of slope-conveyance studies.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 29,400 ft³/s, Mar. 23, gage-height, 23.95 feet.

PRECIPITATION RECORDS

PERIOD OF RECORD.—April 18, 2001 to September 30, 2001.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02356000 FLINT RIVER AT BAINBRIDGE, GA STREAM SOURCE AGENCY USGS
 LATITUDE 305441 LONGITUDE 0843448 DRAINAGE AREA 7570.00 DATUM 58.06 STATE 13 COUNTY 087

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	18.47	17.92	18.80	19.43	18.75	19.24	21.12	19.19	18.77	---	18.93	18.38
2	18.38	17.86	18.76	19.50	18.89	19.48	21.14	19.20	19.08	---	18.89	18.34
3	18.44	17.89	18.66	19.54	19.03	19.60	21.12	19.31	19.24	---	18.92	18.34
4	18.45	17.97	18.49	19.85	19.07	19.56	21.01	19.33	19.29	---	18.87	18.40
5	18.47	17.95	18.58	19.76	19.05	19.34	21.52	19.24	19.50	---	18.61	18.53
6	18.49	17.87	18.67	19.70	19.09	20.30	21.76	19.02	19.65	---	18.51	18.60
7	18.56	17.95	18.71	19.34	19.01	21.22	22.03	18.81	19.65	---	18.66	18.70
8	18.48	18.10	18.70	19.11	18.87	21.37	21.72	18.82	19.80	---	18.75	8.86
9	18.38	18.26	18.54	19.12	18.83	21.97	21.92	18.83	19.97	---	18.96	18.90
10	18.42	18.29	18.40	19.19	18.80	22.35	22.41	18.83	20.06	---	19.15	18.88
11	18.45	18.28	18.29	19.21	18.71	22.58	22.20	18.81	19.98	---	19.18	18.92
12	18.39	18.24	18.29	19.21	18.67	22.33	22.09	18.82	19.83	19.26	19.03	18.95
13	18.38	18.18	18.35	19.03	18.81	21.53	21.10	18.72	19.80	19.09	18.89	18.81
14	18.36	18.31	18.34	18.83	18.95	20.83	20.51	18.67	19.61	19.03	18.87	18.70
15	18.27	18.31	18.16	18.57	19.04	20.92	20.10	18.67	19.79	18.80	18.85	18.78
16	18.18	18.31	18.04	18.51	19.10	21.47	20.05	18.85	20.01	18.51	18.80	18.62
17	18.24	18.41	18.16	18.64	19.16	21.90	19.89	18.91	20.04	18.43	18.69	18.51
18	18.25	18.42	17.99	18.77	19.10	22.17	19.66	18.95	20.00	18.38	18.63	18.51
19	18.20	18.48	18.02	18.85	19.11	22.21	19.65	19.01	19.91	18.35	18.53	18.45
20	18.17	18.62	18.16	18.95	19.19	22.52	19.60	19.15	19.63	18.37	18.49	18.39
21	18.17	18.77	18.23	19.21	19.10	22.90	19.64	19.37	19.52	18.42	18.49	18.37
22	18.07	18.79	18.36	19.26	19.21	23.52	19.71	18.99	19.46	18.33	18.49	18.37
23	17.97	18.74	18.30	19.30	19.30	23.85	19.75	18.56	19.41	18.24	18.51	18.36
24	17.98	18.58	18.18	19.29	19.42	23.88	19.84	18.43	19.36	18.29	18.67	18.37
25	18.01	18.76	17.96	19.15	19.25	23.56	19.79	18.42	19.25	18.40	18.77	18.45
26	18.04	18.83	17.92	19.07	19.05	23.21	19.74	18.57	---	18.56	18.68	18.44
27	18.07	18.85	18.06	19.05	19.04	22.93	19.65	18.64	---	18.65	18.59	18.43
28	18.11	18.83	18.22	18.68	19.04	22.68	19.53	18.70	---	18.91	18.56	18.41
29	18.01	18.84	18.51	18.52	---	22.07	19.32	18.82	---	19.02	18.53	18.41
30	17.89	18.78	18.98	18.55	---	21.40	19.20	18.79	---	19.03	18.49	18.36
31	17.91	---	19.18	18.68	---	21.01	---	18.76	---	19.04	18.39	---
MEAN	18.25	18.38	18.39	19.09	19.02	21.74	20.56	18.88	---	---	18.72	18.22
MAX	18.56	18.85	19.18	19.85	19.42	23.88	22.41	19.37	---	---	19.18	18.95
MIN	17.89	17.86	17.92	18.51	18.67	19.24	19.20	18.42	---	---	18.39	8.86