



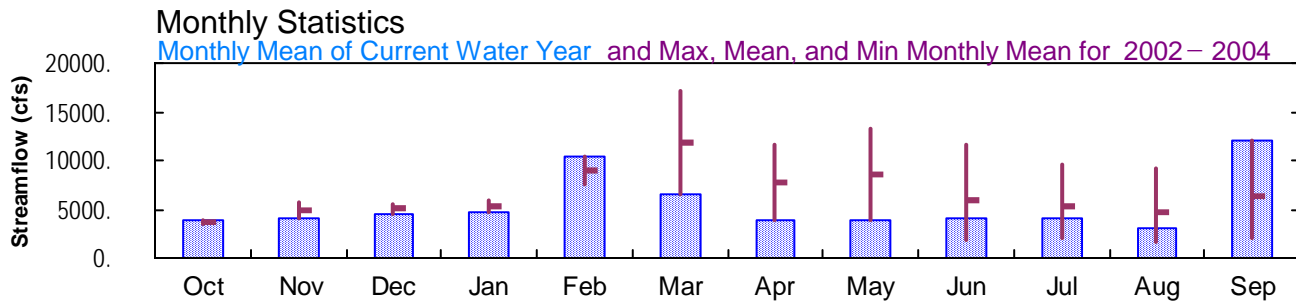
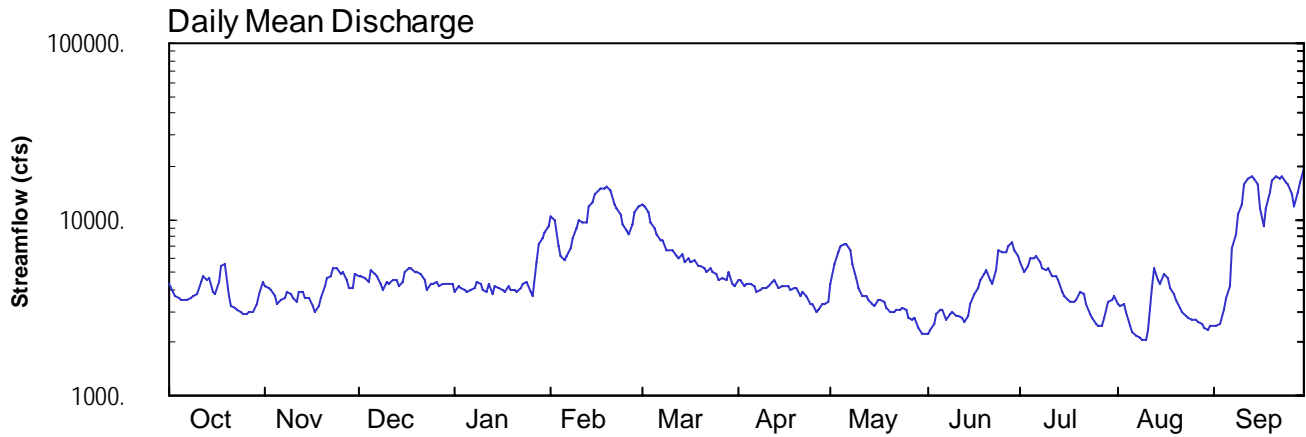
2004 Water Year
APALACHICOLA RIVER BASIN

02355662 FLINT RIVER AT RIVERVIEW PLANTATION NR HOPEFUL, GA

Latitude: 31°08'26"
Mitchell County

Longitude: 084°28'49"
Datum: 62.00 feet

Hydrologic Unit Code: 03130008
Drainage Area: mi²



NO PHOTOS AVAILABLE FOR THIS SITE

**APALACHICOLA RIVER BASIN
2004 Water Year**

02355662 FLINT RIVER AT RIVERVIEW PLANTATION, NEAR HOPEFUL, GA

LOCATION.—Lat 31°08'26", long 84°28'49", referenced to North American Datum (NAD) of 1927, Mitchell County, Hydrologic Unit 03130008, on top of left bank approximately 1.0 mile south of Riverview Plantation headquarters, 3.0 miles downstream of Ichawaynochaway Creek.

DRAINAGE AREA.—7,080 square miles.

COOPERATION.—Georgia Geologic Survey.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—May 8, 2002 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 72.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records good. 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. Periods of monthly discharge only are not included in statistics computations.

WATER-STAGE RECORDS

PERIOD OF RECORD.—May 8, 2002 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 72.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 18.25 feet, September 30; minimum gage-height recorded, 3.91 feet, August 10.

PRECIPITATION RECORDS

PERIOD OF RECORD.—May 8, 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 02355662 FLINT RIVER AT RIVERVIEW PLANTATION NR HOPEFUL, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 205
 LATITUDE 310826 LONGITUDE 0842849 NAD83 DRAINAGE AREA CONTRIBUTING DRAINAGE AREA DATUM 62.00 NGVD29

Discharge, cubic feet per second
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4330	4130	4810	3910	10400	12300	4550	4320	2220	5650	3270	2480
2	3830	4050	4760	4160	9880	11900	4570	5580	2380	5050	3180	2490
3	3660	3970	4700	4030	7110	11000	4200	6500	2580	5400	3310	2550
4	3570	3700	4460	4010	6180	9540	4310	6960	2900	6070	2960	3040
5	3500	3310	5160	3870	5850	8860	4290	7290	3090	6020	2500	3550
6	3490	3470	4880	3930	6240	8200	4160	7250	3060	6130	2280	4240
7	3470	3580	4810	4050	6940	7670	3920	6630	2670	5650	2190	6920
8	3570	3890	4290	4380	7770	7530	4000	5510	2890	5340	2110	8220
9	3670	3760	3950	4320	8810	6660	4130	4670	3000	5210	2050	10600
10	3780	3570	4370	3980	9750	6690	4120	4090	2850	5220	2060	12300
11	4400	3440	4300	3840	9720	6680	4220	3660	2820	4720	2380	15600
12	4800	3840	4550	4300	9730	6140	4390	3660	2770	4800	4090	17000
13	4530	3820	4560	3750	11800	6070	4500	3530	2590	4520	5310	17500
14	4610	3610	4180	4230	12500	6370	4120	3280	2800	3880	4500	17100
15	3890	3610	4460	4090	13900	5760	4190	3230	3340	3690	4300	16000
16	3760	3220	5020	3990	14800	6060	4240	3510	3740	3460	4930	11400
17	4360	3020	5320	3830	15000	5660	4190	3530	4080	3400	4610	9190
18	5500	3230	5280	4180	15200	5830	3970	3390	4480	3420	4040	11400
19	5510	3540	5080	4000	15400	5440	4030	3180	4930	3480	3730	14200
20	3690	4240	4970	3960	14500	5400	4040	3000	5160	3910	3490	16500
21	3210	4610	4950	3870	12000	5270	3700	3010	4560	3790	3180	17600
22	3110	4820	4480	4110	11500	5060	3870	3060	4310	3300	2990	17000
23	3030	5350	3960	4340	10800	5280	3720	3070	5130	2940	2810	17300
24	2960	5250	4240	4390	9450	5050	3320	3130	6600	2730	2740	16000
25	2900	4950	4250	3870	8570	4890	3280	3090	6590	2580	2720	15900
26	2880	4980	4350	3640	8170	4540	3000	2740	6430	2490	2660	13800
27	2950	4510	4230	5660	9350	4610	3090	2700	7020	2500	2610	11700
28	2980	4040	4300	7280	11000	4550	3290	2770	7440	2720	2550	14100
29	3320	4070	4320	7830	11800	5060	3310	2440	6690	3350	2400	16200
30	3790	4850	4270	8510	---	4320	3430	2260	6190	3520	2350	19400
31	4410	---	4300	9070	---	4180	---	2220	---	3690	2480	---
TOTAL	117460	120430	141560	143380	304120	202570	118150	123260	125310	128630	96780	361280
MEAN	3789	4014	4566	4625	10490	6535	3938	3976	4177	4149	3122	12040
MAX	5510	5350	5320	9070	15400	12300	4570	7290	7440	6130	5310	19400
MIN	2880	3020	3950	3640	5850	4180	3000	2220	2220	2490	2050	2480
MED	3670	3860	4460	4050	9880	5830	4080	3390	3540	3790	2810	14000
AC-FT	233000	238900	280800	284400	603200	401800	234400	244500	248600	255100	192000	716600

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2004, BY WATER YEAR (WY)

	2002	2003	2004	2002	2003	2004	2002	2003	2004	2002	2003	2004
MEAN	3611	4905	5050	5299	9028	11800	7748	8584	5840	5283	4640	6267
MAX	3789	5796	5533	5973	10490	17070	11560	13190	11540	9579	9174	12040
(WY)	2004	2003	2003	2003	2004	2003	2003	2003	2003	2003	2003	2004
MIN	3432	4014	4566	4625	7516	6535	3938	3976	1801	2122	1625	1982
(WY)	2003	2004	2004	2004	2003	2004	2004	2004	2002	2002	2002	2002

SUMMARY STATISTICS

	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 2002 - 2004	
ANNUAL TOTAL	3130900		1982930			
ANNUAL MEAN	8578		5418		7095	
HIGHEST ANNUAL MEAN					8776 2003	
LOWEST ANNUAL MEAN					5418 2004	
HIGHEST DAILY MEAN	23600	Mar 23	19400	Sep 30	23600	Mar 23 2003
LOWEST DAILY MEAN	2880	Oct 26	2050	Aug 9	1230	Sep 13 2002
ANNUAL SEVEN-DAY MINIMUM	2970	Oct 22	2220	Aug 5	1280	Sep 8 2002
MAXIMUM PEAK FLOW			20100	Sep 30	23800	Mar 23 2003
MAXIMUM PEAK STAGE			18.25	Sep 30	20.37	Mar 23 2003
INSTANTANEOUS LOW FLOW			2010	Aug 10	1910	Oct 9 2002
ANNUAL RUNOFF (AC-FT)	6210000		3933000		5140000	
10 PERCENT EXCEEDS	16300		10700		14200	
50 PERCENT EXCEEDS	7280		4240		5190	
90 PERCENT EXCEEDS	3760		2810		3060	

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 LATITUDE 310826 LONGITUDE 0842849 NAD83 DRAINAGE AREA CONTRIBUTING DRAINAGE AREA DATUM 62.00 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	6.31	6.10	6.81	5.86	11.68	13.01	6.20	6.00	4.12	7.16	5.09	4.38
2	5.76	6.01	6.76	6.13	11.29	12.75	6.22	7.09	4.29	6.63	5.01	4.40
3	5.58	5.92	6.70	5.99	8.99	12.03	5.90	8.01	4.48	6.95	5.12	4.46
4	5.49	5.63	6.45	5.97	8.14	10.80	6.00	8.46	4.77	7.59	4.83	4.89
5	5.42	5.22	7.16	5.81	7.84	10.21	5.98	8.78	4.94	7.53	4.40	5.32
6	5.41	5.39	6.88	5.87	8.18	9.62	5.87	8.74	4.91	7.65	4.19	5.93
7	5.38	5.50	6.82	6.01	8.80	9.13	5.65	8.14	4.58	7.17	4.09	8.43
8	5.49	5.83	6.27	6.36	9.51	9.00	5.72	7.04	4.76	6.89	4.01	9.61
9	5.59	5.70	5.89	6.30	10.37	8.17	5.84	6.31	4.86	6.77	3.95	11.66
10	5.71	5.49	6.36	5.93	11.13	8.20	5.83	5.80	4.73	6.78	3.96	13.01
11	6.37	5.36	6.28	5.78	11.09	8.19	5.92	5.41	4.71	6.35	4.28	15.41
12	6.80	5.78	6.55	6.28	11.09	7.66	6.07	5.41	4.66	6.42	5.81	16.31
13	6.51	5.76	6.55	5.68	12.72	7.59	6.17	5.30	4.49	6.18	6.85	16.63
14	6.59	5.53	6.15	6.20	13.23	7.89	5.83	5.09	4.67	5.61	6.16	16.40
15	5.84	5.54	6.45	6.05	14.26	7.28	5.89	5.05	5.14	5.44	5.99	15.64
16	5.69	5.13	7.02	5.94	14.83	7.57	5.93	5.28	5.49	5.24	6.54	12.32
17	6.34	4.93	7.32	5.76	14.97	7.17	5.89	5.30	5.79	5.20	6.26	10.50
18	7.49	5.14	7.28	6.14	15.10	7.34	5.70	5.18	6.15	5.21	5.76	12.36
19	7.50	5.46	7.08	5.95	15.28	6.96	5.75	5.01	6.53	5.26	5.48	14.45
20	5.62	6.21	6.97	5.91	14.66	6.92	5.75	4.86	6.72	5.64	5.26	15.96
21	5.12	6.60	6.95	5.81	12.84	6.83	5.45	4.87	6.22	5.53	5.01	16.71
22	5.03	6.82	6.47	6.08	12.43	6.64	5.61	4.91	6.00	5.11	4.85	16.31
23	4.95	7.34	5.90	6.32	11.83	6.82	5.47	4.92	6.72	4.81	4.70	16.48
24	4.87	7.25	6.21	6.38	10.71	6.63	5.12	4.97	8.11	4.63	4.64	15.67
25	4.81	6.95	6.22	5.81	9.95	6.50	5.09	4.93	8.10	4.49	4.62	15.61
26	4.79	6.99	6.33	5.57	9.59	6.19	4.86	4.64	7.94	4.39	4.57	14.14
27	4.86	6.50	6.21	7.61	10.63	6.25	4.93	4.60	8.52	4.41	4.52	12.61
28	4.89	5.99	6.27	9.15	11.98	6.21	5.09	4.67	8.92	4.61	4.45	14.40
29	5.23	6.02	6.30	9.62	12.63	6.64	5.12	4.34	8.20	5.15	4.30	15.77
30	5.73	6.85	6.25	10.19	---	6.00	5.22	4.17	7.71	5.30	4.25	17.83
31	6.39	---	6.28	10.65	---	5.89	---	4.12	---	5.44	4.38	---
MEAN	5.73	5.96	6.55	6.55	11.58	8.00	5.67	5.72	5.91	5.86	4.95	12.45
MAX	7.50	7.34	7.32	10.65	15.28	13.01	6.22	8.78	8.92	7.65	6.85	17.83
MIN	4.79	4.93	5.89	5.57	7.84	5.89	4.86	4.12	4.12	4.39	3.95	4.38

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 LATITUDE 310826 LONGITUDE 0842849 NAD83 DRAINAGE AREA CONTRIBUTING DRAINAGE AREA DATUM 62.00 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	0.35	0.00	0.00	0.13	0.51	0.07	0.14	0.00
2	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.14	0.10	0.12	0.00	0.00
3	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.81	0.00	0.00	0.00
4	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24
6	0.00	0.00	0.00	0.00	1.72	0.05	0.00	0.00	0.01	0.00	0.00	2.80
7	0.55	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.25
8	0.03	0.00	0.00	0.03	0.00	0.00	0.46	0.00	0.83	1.39	0.00	0.00
9	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.03	0.00	0.16	---	0.12	0.00	0.00	0.00	0.00	0.00	1.59	0.03
11	0.56	0.00	0.00	0.00	0.30	0.00	0.00	0.01	0.00	0.00	0.00	0.00
12	0.22	0.00	0.00	0.02	---	0.00	0.14	0.00	0.00	0.00	0.77	0.00
13	0.00	0.00	0.28	0.00	---	0.00	0.24	0.00	0.37	0.01	0.00	0.17
14	0.00	0.00	0.55	0.00	---	0.00	0.01	0.00	0.49	0.00	0.00	0.00
15	0.00	0.00	0.01	0.00	---	0.00	0.00	0.00	0.63	1.44	0.00	0.51
16	0.00	0.00	0.00	0.00	---	0.08	0.00	0.01	0.52	0.02	0.00	1.82
17	0.00	0.00	0.19	0.10	---	0.03	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.49	0.00	0.25	---	0.00	0.00	0.00	0.00	0.47	0.00	0.00
19	0.00	0.48	0.00	0.00	---	0.00	0.00	0.01	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	2.66	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.01	0.00
23	0.00	0.00	0.31	0.00	0.52	0.00	0.00	0.00	0.01	0.00	1.10	0.00
24	0.00	0.28	0.01	0.00	---	0.00	0.00	0.00	0.42	0.17	0.00	0.00
25	0.02	0.00	0.00	0.00	---	0.00	0.00	0.00	0.66	0.00	0.00	0.00
26	0.69	0.00	0.00	2.55	---	0.00	0.57	0.00	0.43	0.05	0.00	0.33
27	0.10	0.00	0.00	---	---	0.00	0.00	0.00	0.08	0.21	0.00	0.81
28	1.19	0.47	0.00	---	---	0.00	0.00	0.00	0.01	0.04	0.00	0.00
29	0.00	0.00	0.01	0.00	0.01	0.00	0.02	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.28	0.00	---	0.56	2.06	0.00	0.00	0.00	0.14	0.00
31	0.00	---	0.00	0.00	---	0.01	---	0.44	---	0.00	0.15	---
TOTAL	3.39	1.72	1.83	---	---	0.73	3.51	0.77	6.03	3.99	6.56	6.96