



2004 Water Year  
APALACHICOLA RIVER BASIN

02336120 N.F. PEACHTREE CREEK, BUFORD HWY, NEAR ATLANTA, GA

Latitude: 33° 49 ' 53"

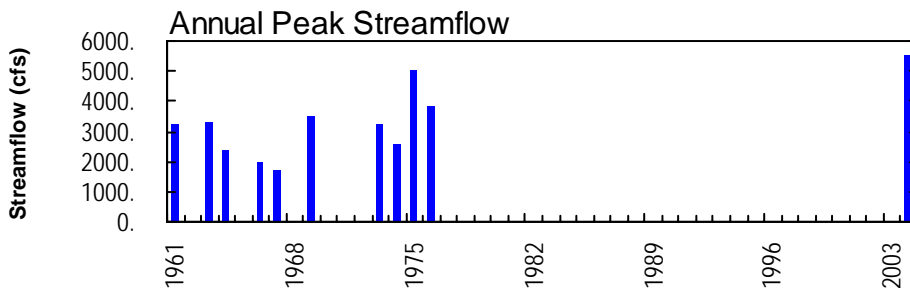
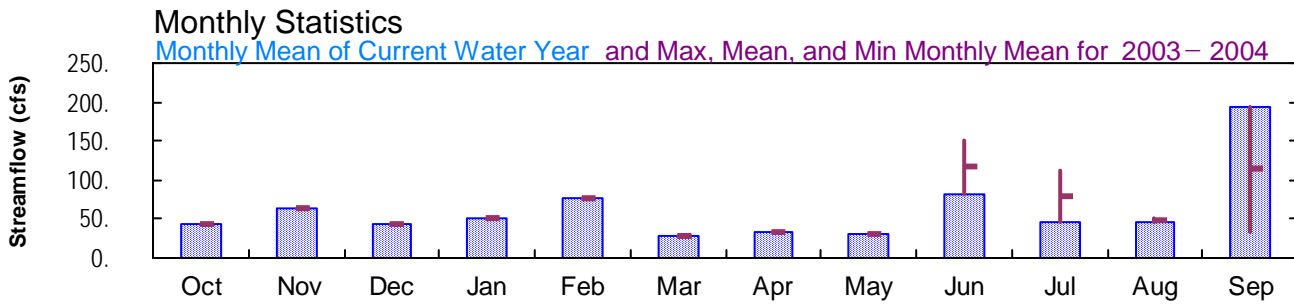
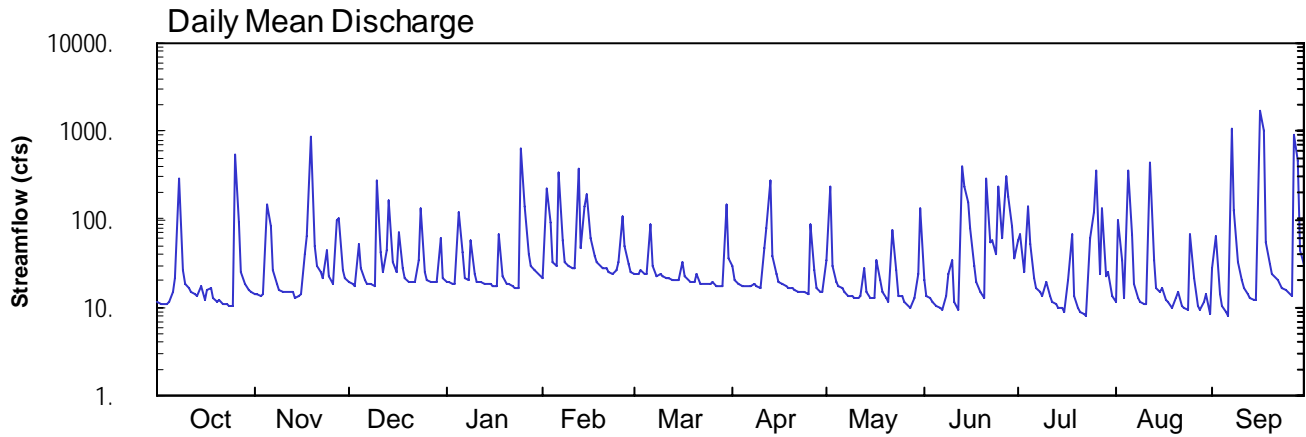
Longitude: 084° 20 ' 34"

Hydrologic Unit Code: 03130001

De kalb County

Datum: 809.57 feet

Drainage Area: 34.8 mi<sup>2</sup>



NO PHOTOS AVAILABLE FOR THIS SITE

**APALACHICOLA RIVER BASIN  
2003 and 2004 Water Years**

**02336120 NORTH FORK PEACHTREE CREEK AT BUFORD HIGHWAY, AT ATLANTA, GA**

**LOCATION.**—Lat 33°49'53", long 84°20'34" referenced to North American Datum (NAD) of 1927, Hydrologic Unit Code 03130001, DeKalb County, downstream side of bridge on GA 13, 4.1 miles south of the junction of US 23 and GA 155, 2.1 miles north of the confluence of the Peachtree Creek.

**DRAINAGE AREA.**—34.8 square miles.

**COOPERATION.**—City of Atlanta.

**WATER-DISCHARGE RECORDS**

**PERIOD OF RECORD.**—May 10, 2003 to current year

**GAGE.**—Satellite telemetry with a water-stage recorder and a continuous water-quality monitor. Datum of gage is 809.57 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

**REMARKS.**—Records good, except for periods of estimated discharge, which are poor.

**WATER-STAGE RECORDS**

**PERIOD OF RECORD.**—May 10, 2003 to current year

**GAGE.**—Satellite telemetry with a water-stage recorder and a continuous water-quality monitor. Datum of gage is 809.57 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

**REMARKS.**—Records good.

**EXTREMES FOR CURRENT YEAR.**—Maximum gage-height recorded, 17.70 feet, September 16; minimum gage-height recorded, 3.66 feet, July 23, 24.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**—May 10, 2003 to current year.

**GAGE.**—Tipping-bucket raingage.

**REMARKS.**—Records good.

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

STATION NUMBER 02336120 N.F. PEACHTREE CREEK, BUFORD HWY, NEAR ATLANTA, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 089  
 LATITUDE 334953 LONGITUDE 0842034 NAD27 DRAINAGE AREA 34.80 CONTRIBUTING DRAINAGE AREA 34.80\* DATUM 809.57 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	12	15	20	19	22	24	30	35	21	57	12	28
2	11	14	18	19	221	24	20	235	14	69	98	63
3	11	14	18	19	94	27	19	29	13	25	34	14
4	11	14	51	18	32	23	18	19	11	143	13	10
5	11	148	28	121	30	24	17	18	10	53	360	8.8
6	15	85	20	42	333	86	17	17	9.7	21	69	7.8
7	22	27	18	21	59	30	17	15	9.3	17	18	1070
8	298	18	18	20	33	23	18	14	13	15	13	130
9	26	16	18	57	29	24	17	13	24	13	12	32
10	18	15	273	24	28	23	17	13	35	19	11	21
11	17	15	42	20	27	21	48	13	11	13	11	16
12	15	15	25	19	371	21	80	13	9.6	12	442	14
13	15	15	46	19	48	20	281	27	389	11	34	13
14	14	13	163	19	143	21	39	15	230	10	17	12
15	18	13	32	19	193	20	24	13	155	9.7	15	12
16	12	14	25	18	62	33	20	13	78	9.0	17	1710
17	15	41	70	18	38	22	18	34	29	20	12	998
18	16	65	29	69	33	20	18	20	20	67	12	54
19	13	864	22	22	30	20	17	15	15	13	10	31
20	12	50	20	18	28	19	16	13	13	10	13	24
21	12	29	19	18	29	24	16	11	295	9.0	15	22
22	11	25	19	18	25	19	15	74	55	8.3	11	20
23	11	22	34	17	24	18	15	27	57	7.8	9.9	17
24	10	45	131	17	26	18	15	14	40	61	9.4	16
25	10	23	26	640	33	18	15	13	233	117	67	15
26	532	19	21	138	106	20	87	12	61	364	21	14
27	93	99	20	40	51	18	27	11	304	24	11	932
28	25	103	19	30	31	18	17	9.8	182	133	9.2	472
29	19	26	19	26	25	18	15	13	85	22	11	44
30	16	21	60	25	---	148	15	24	37	25	14	31
31	15	---	21	23	---	36	---	130	---	13	8.6	---
TOTAL	1336	1883	1345	1593	2204	880	988	922.8	2458.6	1390.8	1410.1	5851.6
MEAN	43.1	62.8	43.4	51.4	76.0	28.4	32.9	29.8	82.0	44.9	45.5	195
MAX	532	864	273	640	371	148	281	235	389	364	442	1710
MIN	10	13	18	17	22	18	15	9.8	9.3	7.8	8.6	7.8
MED	15	21	22	20	33	21	18	15	32	19	13	21
AC-FT	2650	3730	2670	3160	4370	1750	1960	1830	4880	2760	2800	11610

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2003 - 2004, BY WATER YEAR (WY)

	2003	2004	2004	2004	2004	2004	2004	2004	2003	2004	2004	2004
MEAN	43.1	62.8	43.4	51.4	76.0	28.4	32.9	29.8	117	78.9	48.0	114
MAX	43.1	62.8	43.4	51.4	76.0	28.4	32.9	29.8	152	113	50.6	195
(WY)	2004	2004	2004	2004	2004	2004	2004	2004	2003	2003	2003	2004
MIN	43.1	62.8	43.4	51.4	76.0	28.4	32.9	29.8	82.0	44.9	45.5	32.1
(WY)	2004	2004	2004	2004	2004	2004	2004	2004	2004	2004	2004	2003

SUMMARY STATISTICS

FOR 2004 WATER YEAR

WATER YEARS 2003 - 2004

ANNUAL TOTAL	22262.9	
ANNUAL MEAN	60.8	60.8
HIGHEST ANNUAL MEAN		60.8
LOWEST ANNUAL MEAN		60.8
HIGHEST DAILY MEAN	1710	Sep 16 2004
LOWEST DAILY MEAN	7.8	Jul 23 2004
ANNUAL SEVEN-DAY MINIMUM	11	Oct 19 2003
MAXIMUM PEAK FLOW	5530	Sep 16 2004
MAXIMUM PEAK STAGE	17.70	Sep 16 2004
ANNUAL RUNOFF (AC-FT)	44160	44070
10 PERCENT EXCEEDS	124	124
50 PERCENT EXCEEDS	20	20
90 PERCENT EXCEEDS	11	11

a Also Sep 6

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

STATION NUMBER 02336120 N.F. PEACHTREE CREEK, BUFORD HWY, NEAR ATLANTA, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 089  
 LATITUDE 334953 LONGITUDE 0842034 NAD27 DRAINAGE AREA 34.80 CONTRIBUTING DRAINAGE AREA 34.80\* DATUM 809.57 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	3.86	3.95	4.10	4.08	4.14	4.21	4.30	4.30	4.11	4.67	3.85	4.20
2	3.83	3.93	4.06	4.09	5.24	4.20	4.11	5.78	3.93	4.80	4.53	4.65
3	3.82	3.92	4.05	4.07	5.01	4.25	4.08	4.29	3.89	4.21	4.32	3.94
4	3.83	3.93	4.61	4.06	4.35	4.19	4.05	4.09	3.85	4.86	3.89	3.80
5	3.84	4.82	4.27	4.96	4.31	4.19	4.03	4.04	3.80	4.61	5.42	3.73
6	3.92	4.88	4.10	4.48	5.98	4.90	4.02	4.01	3.78	4.13	4.75	3.68
7	4.14	4.25	4.06	4.13	4.72	4.31	4.03	3.96	3.76	4.02	4.05	8.61
8	5.88	4.06	4.06	4.10	4.37	4.18	4.05	3.92	3.90	3.95	3.90	5.25
9	4.23	4.00	4.04	4.67	4.29	4.19	4.03	3.91	3.96	3.92	3.85	4.35
10	4.05	3.97	5.83	4.19	4.28	4.17	4.01	3.89	4.31	4.04	3.84	4.13
11	4.01	3.97	4.49	4.10	4.26	4.14	4.53	3.89	3.85	3.91	3.84	4.01
12	3.96	3.96	4.22	4.08	6.28	4.13	4.48	3.90	3.76	3.85	6.31	3.94
13	3.95	3.96	4.44	4.07	4.60	4.12	5.97	4.24	6.46	3.83	4.36	3.90
14	3.92	3.90	5.42	4.07	5.37	4.12	4.46	3.97	5.53	3.79	4.02	3.88
15	4.02	3.91	4.34	4.07	5.59	4.11	4.19	3.90	5.06	3.77	3.95	3.87
16	3.87	3.93	4.22	4.04	4.76	4.35	4.10	3.89	4.90	3.74	4.00	8.72
17	3.96	4.46	4.82	4.05	4.46	4.16	4.06	4.20	4.29	3.98	3.87	7.89
18	4.00	4.44	4.28	4.81	4.37	4.11	4.04	4.09	4.09	4.67	3.85	4.67
19	3.88	7.82	4.14	4.15	4.31	4.10	4.01	3.95	3.97	3.90	3.79	4.33
20	3.86	4.61	4.10	4.06	4.28	4.08	4.01	3.88	3.88	3.79	3.86	4.19
21	3.86	4.29	4.09	4.05	4.29	4.20	3.99	3.85	5.43	3.74	3.97	4.14
22	3.83	4.21	4.09	4.05	4.22	4.07	3.97	4.39	4.67	3.71	3.81	4.11
23	3.83	4.15	4.25	4.02	4.20	4.06	3.97	4.23	4.60	3.68	3.79	4.01
24	3.81	4.51	5.16	4.02	4.24	4.06	3.95	3.93	4.43	4.19	3.76	3.98
25	3.80	4.17	4.23	7.19	4.35	4.06	3.95	3.91	5.46	4.42	4.51	3.96
26	6.56	4.07	4.13	5.30	5.18	4.09	4.86	3.85	4.69	6.04	4.10	3.92
27	4.95	4.74	4.10	4.49	4.63	4.04	4.24	3.82	5.55	4.18	3.81	7.15
28	4.20	5.07	4.08	4.31	4.32	4.04	4.02	3.78	5.58	5.06	3.75	6.49
29	4.07	4.24	4.08	4.24	4.23	4.04	3.97	3.84	4.87	4.14	3.82	4.54
30	3.99	4.13	4.69	4.21	---	5.30	3.96	4.15	4.40	4.19	3.92	4.32
31	3.96	---	4.14	4.17	---	4.41	---	5.02	---	3.91	3.72	---
MEAN	4.12	4.34	4.34	4.33	4.64	4.21	4.18	4.09	4.49	4.18	4.10	4.75
MAX	6.56	7.82	5.83	7.19	6.28	5.30	5.97	5.78	6.46	6.04	6.31	8.72
MIN	3.80	3.90	4.04	4.02	4.14	4.04	3.95	3.78	3.76	3.68	3.72	3.68

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

STATION NUMBER 02336120 N.F. PEACHTREE CREEK, BUFORD HWY, NEAR ATLANTA, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 089  
 LATITUDE 334953 LONGITUDE 0842034 NAD27 DRAINAGE AREA 34.80 CONTRIBUTING DRAINAGE AREA 34.80\* DATUM 809.57 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	0.00	0.92	0.00	0.53	0.00	0.56
2	0.00	0.00	0.00	0.00	0.76	0.02	0.00	0.26	0.00	0.35	0.02	---
3	0.00	0.00	0.03	0.01	0.05	0.00	0.00	0.00	0.00	0.00	0.00	---
4	0.00	0.02	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	---
5	0.00	0.57	0.01	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.62	---
6	0.21	0.17	0.00	0.00	0.86	0.35	0.00	0.00	0.00	0.03	0.00	---
7	0.06	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.09	0.00	---
8	1.24	0.00	0.00	0.04	0.00	0.00	0.01	0.00	0.00	0.00	0.00	---
9	0.00	0.00	0.00	0.26	0.00	0.07	0.00	0.02	0.00	0.00	0.00	---
10	0.00	0.00	0.94	0.00	0.05	0.00	0.00	0.00	0.01	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.19	0.01	0.31	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.94	0.00	---	0.05	0.12	0.00	1.31	0.00
13	0.00	0.00	0.41	0.00	0.00	0.00	---	0.01	1.30	0.00	0.00	0.00
14	0.03	0.00	0.24	0.00	0.44	0.00	---	0.00	0.03	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.45	0.00	0.00	0.00	0.62	0.00	0.01	0.02
16	0.00	0.00	0.17	0.00	0.00	0.11	0.00	0.04	0.26	0.00	0.00	6.34
17	0.18	0.22	0.11	0.28	0.00	0.00	0.00	0.15	0.00	0.32	0.00	0.15
18	0.00	0.98	0.00	0.07	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
19	0.00	1.51	0.00	0.00	0.00	0.00	0.00	0.03	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	0.18	0.00
21	0.00	0.00	0.00	0.00	0.01	0.06	0.00	0.00	1.35	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.46	0.00	0.01	0.00
23	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.24	0.00	0.00	0.00
24	0.00	0.27	0.01	0.00	0.06	0.00	0.00	0.00	0.04	1.89	0.01	0.00
25	0.00	0.00	0.00	2.10	---	0.00	0.00	0.00	0.72	1.82	1.12	0.00
26	1.68	0.00	0.00	0.01	---	0.00	0.63	0.00	0.01	0.10	0.02	0.00
27	0.01	0.77	0.00	0.00	---	0.00	0.00	0.00	0.99	0.32	0.00	4.60
28	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.09	0.29	---	0.00	0.00
29	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.01	0.00	---	0.08	0.01
30	0.00	0.00	0.17	0.00	---	0.86	0.03	0.00	0.46	0.00	0.01	0.00
31	0.00	---	0.00	0.00	---	0.04	---	0.70	---	0.00	0.00	---
TOTAL	3.41	4.59	3.00	3.27	---	1.52	---	2.32	6.98	---	3.39	---