



2004 Water Year
APALACHICOLA RIVER BASIN

02336240 S.F. PEACHTREE CREEK, JOHNSON RD, NEAR ATLANTA, GA

Latitude: 33° 48 ' 10"

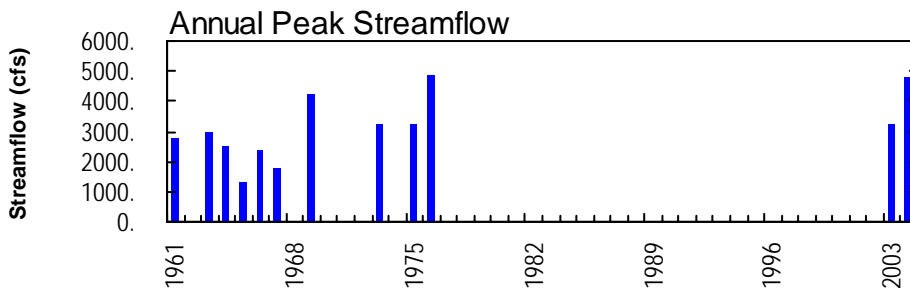
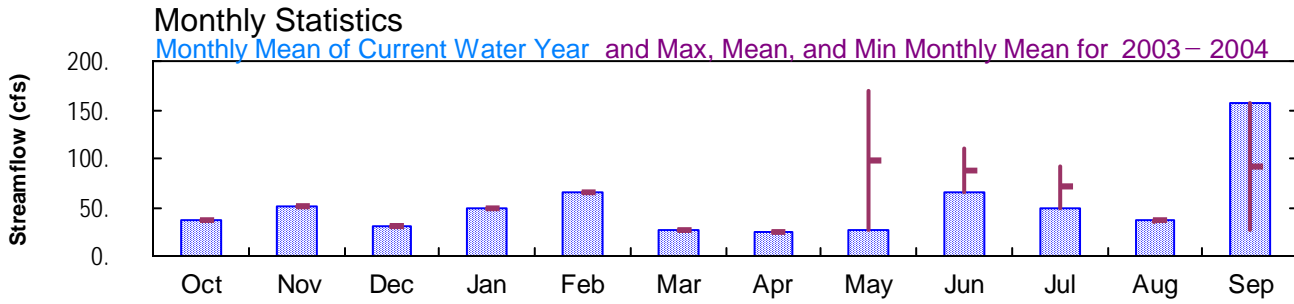
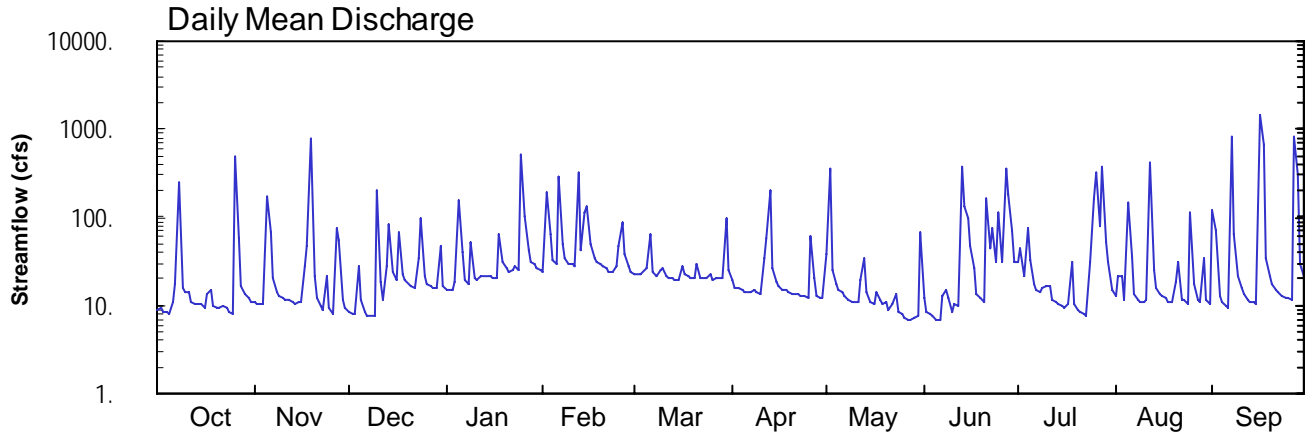
Longitude: 084° 20 ' 27"

Hydrologic Unit Code: 03130001

De kalb County

Datum: feet

Drainage Area: 28.7 mi²



NO PHOTOS AVAILABLE FOR THIS SITE

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

02336240 SOUTH FORK PEACHTREE CREEK AT JOHNSON ROAD, AT ATLANTA, GA

LOCATION.—Lat 33°48'10", long 84°20'27" referenced to North American Datum (NAD) of 1927, Hydrologic Unit Code 03130001, DeKalb County, on downstream side of bridge on Johnson Road, 0.20 miles east of US 23, 0.8 miles downstream of Peavine Creek, and 2.8 miles upstream of confluence with Peachtree Creek.

DRAINAGE AREA.—28.7 square miles.

COOPERATION.—City of Atlanta.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.— April 30, 2003 to current year

GAGE.—Satellite telemetry with a water-stage recorder and a continuous water-quality monitor. Datum of gage is 829.58 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.— April 30, 2003 to current year

GAGE.—Satellite telemetry with a water-stage recorder and a continuous water-quality monitor. Datum of gage is 829.58 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 16.10 feet, September 16; minimum gage-height recorded, 3.05 feet, October 5, 6.

PRECIPITATION RECORDS

PERIOD OF RECORD.—April 30, 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 02336240 S.F. PEACHTREE CREEK, JOHNSON RD, NEAR ATLANTA, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 089
 LATITUDE 334810 LONGITUDE 0842027 NAD27 DRAINAGE AREA 28.70* CONTRIBUTING DRAINAGE AREA DATUM

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	9.0	11	8.6	15	23	23	19	39	12	32	13	119
2	9.2	10	8.1	15	189	22	16	363	8.5	45	22	70
3	8.4	10	7.9	15	66	22	16	25	7.9	22	22	13
4	8.4	11	28	18	32	25	15	18	7.5	73	12	11
5	8.2	177	12	156	30	26	14	15	6.8	33	146	9.7
6	11	66	8.3	40	284	65	15	15	6.7	17	36	9.5
7	18	21	7.7	19	50	24	14	13	13	15	14	838
8	255	14	7.7	18	34	22	15	12	15	14	12	64
9	16	13	7.6	52	30	25	14	11	12	16	11	21
10	14	12	201	20	29	27	14	11	8.6	17	11	16
11	14	12	19	20	28	21	35	11	10	17	12	13
12	11	12	12	22	330	21	59	20	9.8	11	414	12
13	10	11	28	22	43	20	197	35	370	11	25	11
14	10	10	82	21	113	19	27	14	130	10	16	11
15	10	11	24	21	135	20	18	11	100	9.7	14	10
16	9.5	11	19	20	49	28	16	11	46	9.4	13	1460
17	14	28	68	21	35	22	15	14	26	10	12	678
18	15	47	22	65	32	22	15	11	14	31	11	34
19	9.9	775	19	31	30	21	14	10	12	10	11	22
20	9.3	21	17	27	28	20	14	11	11	8.7	19	17
21	9.4	12	16	24	26	30	13	9.0	168	8.3	32	15
22	10	10	16	25	24	21	13	10	44	7.9	12	14
23	9.6	8.9	35	28	24	20	13	13	74	7.6	11	13
24	8.5	22	95	25	29	20	13	8.2	32	31	10	12
25	8.2	9.5	21	525	47	23	12	8.0	115	164	116	12
26	494	8.1	18	105	89	20	60	7.3	30	326	18	11
27	59	77	17	41	39	20	21	7.0	356	80	12	811
28	16	55	16	32	27	20	13	6.8	184	369	11	310
29	13	12	16	29	24	20	12	7.1	71	51	35	30
30	12	9.4	48	27	---	97	12	7.5	31	31	12	22
31	11	---	17	25	---	25	---	67	---	15	10	---
TOTAL	1120.6	1506.9	921.9	1524	1919	811	744	820.9	1931.8	1502.6	1125	4689.2
MEAN	36.1	50.2	29.7	49.2	66.2	26.2	24.8	26.5	64.4	48.5	36.3	156
MAX	494	775	201	525	330	97	197	363	370	369	414	1460
MIN	8.2	8.1	7.6	15	23	19	12	6.8	6.7	7.6	10	9.5
MED	10	12	17	25	32	22	15	11	21	17	13	15
AC-FT	2220	2990	1830	3020	3810	1610	1480	1630	3830	2980	2230	9300

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	2003
MEAN	36.1	50.2	29.7	49.2	66.2	26.2	24.8	98.2	86.9	70.4	35.8	91.3
MAX	36.1	50.2	29.7	49.2	66.2	26.2	24.8	170	109	92.4	36.3	156
(WY)	2004	2004	2004	2004	2004	2004	2004	2003	2003	2003	2004	2004
MIN	36.1	50.2	29.7	49.2	66.2	26.2	24.8	26.5	64.4	48.5	35.3	26.3
(WY)	2004	2004	2004	2004	2004	2004	2004	2004	2004	2004	2003	2003

SUMMARY STATISTICS

FOR 2004 WATER YEAR

WATER YEARS 2003 - 2004

ANNUAL TOTAL	18616.9		
ANNUAL MEAN	50.9	50.9	2004
HIGHEST ANNUAL MEAN		50.9	2004
LOWEST ANNUAL MEAN		50.9	2004
HIGHEST DAILY MEAN	1460	Sep 16	1700 May 6 2003
LOWEST DAILY MEAN	6.7	Jun 6	6.7 Jun 6 2004
ANNUAL SEVEN-DAY MINIMUM	7.4	May 24	7.4 May 24 2004
MAXIMUM PEAK FLOW	4800	Sep 16	4800 Sep 16 2004
MAXIMUM PEAK STAGE	16.10	Sep 16	16.10 Sep 16 2004
ANNUAL RUNOFF (AC-FT)	36930		36850
10 PERCENT EXCEEDS	91		91
50 PERCENT EXCEEDS	18		18
90 PERCENT EXCEEDS	9.4		9.4

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

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 LATITUDE 334810 LONGITUDE 0842027 NAD27 DRAINAGE AREA 28.70* CONTRIBUTING DRAINAGE AREA DATUM

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	3.09	3.15	3.26	3.43	3.59	3.58	3.52	3.71	3.36	3.71	3.49	4.11
2	3.09	3.14	3.24	3.44	4.43	3.57	3.46	5.31	3.25	3.89	3.62	4.10
3	3.07	3.13	3.23	3.44	4.06	3.57	3.44	3.62	3.23	3.56	3.65	3.50
4	3.07	3.14	3.63	3.50	3.72	3.61	3.43	3.49	3.22	3.93	3.46	3.43
5	3.06	4.05	3.34	4.37	3.68	3.63	3.41	3.43	3.19	3.70	4.17	3.41
6	3.12	3.84	3.25	3.79	4.98	4.03	3.42	3.42	3.18	3.48	3.84	3.40
7	3.29	3.36	3.23	3.52	3.94	3.60	3.42	3.38	3.30	3.44	3.51	6.90
8	4.67	3.23	3.22	3.49	3.74	3.56	3.43	3.35	3.41	3.42	3.46	4.14
9	3.28	3.19	3.22	3.92	3.68	3.60	3.41	3.34	3.32	3.44	3.44	3.66
10	3.22	3.18	4.65	3.54	3.67	3.64	3.40	3.33	3.25	3.45	3.44	3.56
11	3.23	3.17	3.50	3.53	3.65	3.55	3.72	3.34	3.32	3.45	3.46	3.51
12	3.15	3.17	3.35	3.57	5.23	3.55	3.73	3.44	3.30	3.35	5.36	3.46
13	3.14	3.15	3.55	3.56	3.87	3.53	4.73	3.71	5.31	3.33	3.72	3.45
14	3.13	3.13	4.15	3.56	4.41	3.52	3.64	3.41	4.28	3.31	3.56	3.44
15	3.13	3.15	3.59	3.55	4.51	3.53	3.50	3.33	4.07	3.29	3.51	3.43
16	3.11	3.15	3.51	3.53	3.93	3.65	3.46	3.32	3.87	3.28	3.48	7.63
17	3.20	3.46	4.06	3.54	3.76	3.57	3.44	3.41	3.61	3.31	3.47	6.20
18	3.25	3.47	3.57	4.08	3.71	3.56	3.43	3.34	3.40	3.67	3.45	3.85
19	3.12	6.49	3.52	3.70	3.68	3.54	3.42	3.31	3.36	3.31	3.44	3.67
20	3.10	3.54	3.48	3.64	3.65	3.53	3.40	3.33	3.32	3.26	3.53	3.59
21	3.10	3.37	3.46	3.59	3.63	3.68	3.40	3.27	4.32	3.25	3.78	3.54
22	3.12	3.30	3.45	3.61	3.60	3.54	3.39	3.30	3.85	3.23	3.46	3.52
23	3.11	3.27	3.61	3.65	3.59	3.53	3.39	3.38	4.06	3.22	3.45	3.50
24	3.07	3.52	4.19	3.62	3.66	3.53	3.38	3.24	3.69	3.49	3.43	3.48
25	3.06	3.29	3.55	5.95	3.87	3.58	3.36	3.24	4.23	3.99	4.09	3.47
26	5.46	3.24	3.49	4.34	4.29	3.52	3.94	3.21	3.68	5.01	3.59	3.45
27	3.75	3.81	3.47	3.85	3.81	3.53	3.53	3.20	4.93	3.89	3.46	6.13
28	3.28	3.92	3.45	3.71	3.64	3.54	3.38	3.19	4.60	5.04	3.43	5.10
29	3.21	3.35	3.45	3.66	3.59	3.53	3.36	3.20	4.04	3.85	3.69	3.79
30	3.18	3.28	3.88	3.64	---	4.24	3.36	3.22	3.69	3.78	3.46	3.68
31	3.15	---	3.47	3.61	---	3.61	---	3.92	---	3.54	3.42	---
MEAN	3.29	3.45	3.55	3.74	3.92	3.60	3.51	3.44	3.72	3.61	3.62	4.07
MAX	5.46	6.49	4.65	5.95	5.23	4.24	4.73	5.31	5.31	5.04	5.36	7.63
MIN	3.06	3.13	3.22	3.43	3.59	3.52	3.36	3.19	3.18	3.22	3.42	3.40

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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	0.16	0.00	0.00	0.00	0.00	0.00	0.00	1.36	0.00	0.32	0.00	0.86
2	0.00	0.00	0.00	0.00	0.87	0.02	0.00	0.30	0.00	0.25	0.52	0.19
3	0.00	0.00	0.03	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.02	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.51	0.00	0.00
5	0.00	0.57	0.01	0.72	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.00
6	0.04	0.17	0.00	0.00	0.85	0.30	0.00	0.00	0.00	0.04	0.00	0.15
7	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.02	0.00	2.80
8	1.53	0.00	0.00	0.04	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.08
9	0.00	0.00	0.00	0.27	0.00	0.08	0.00	0.00	0.02	0.00	0.00	0.00
10	0.00	0.00	0.98	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.21	0.00	0.25	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.86	0.00	1.10	0.03	0.01	0.00	1.20	0.00
13	0.00	0.00	0.45	0.00	0.00	0.00	0.45	0.00	2.26	0.00	0.00	0.00
14	0.04	0.00	0.22	0.00	0.47	0.00	0.00	0.00	0.03	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.48	0.00	0.00	0.00	0.50	0.00	0.00	0.01
16	0.00	0.00	0.21	0.00	0.00	0.10	0.00	0.02	0.28	0.00	0.00	5.49
17	0.19	0.25	0.12	0.26	0.00	0.00	0.00	0.02	0.00	0.24	0.00	0.14
18	0.00	0.83	0.00	0.08	0.00	0.00	0.00	0.11	0.00	0.05	0.00	0.00
19	0.00	1.36	0.00	0.00	0.00	0.00	0.00	0.05	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	0.14	0.00
21	0.00	0.00	0.00	0.00	0.01	0.08	0.00	0.00	0.73	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	0.21	0.00
23	0.00	0.00	0.59	0.00	0.00	0.00	0.00	0.00	0.48	0.00	0.01	0.00
24	0.00	0.23	0.00	0.00	0.08	0.00	0.00	0.00	0.03	0.87	0.00	0.00
25	0.00	0.00	0.00	2.13	---	0.00	0.00	0.00	0.88	1.68	1.40	0.00
26	2.03	0.00	0.00	0.03	---	0.00	0.57	0.00	0.01	0.18	0.00	0.00
27	0.01	0.69	0.00	0.01	---	0.00	0.00	0.00	1.58	1.18	0.00	3.79
28	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.01	0.41	0.41	0.00	0.00
29	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.01	0.01	0.79	0.53	0.00
30	0.00	0.00	0.20	0.00	---	0.78	0.05	0.00	0.23	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	0.06	---	0.56	---	0.00	0.00	---
TOTAL	4.06	4.23	3.22	3.54	---	1.42	2.44	2.47	8.11	6.55	4.41	13.51