



2004 Water Year  
APALACHICOLA RIVER BASIN

02343940 SAWHATCHEE CREEK AT CEDAR SPRINGS, GA

Latitude: 31° 10' 51"

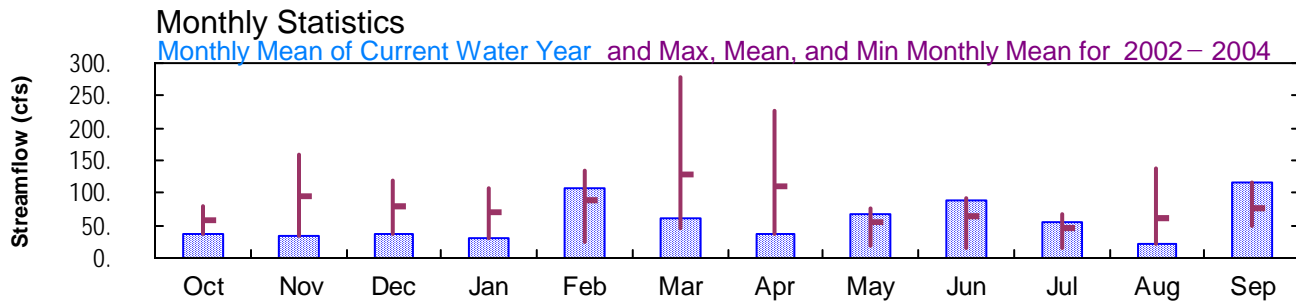
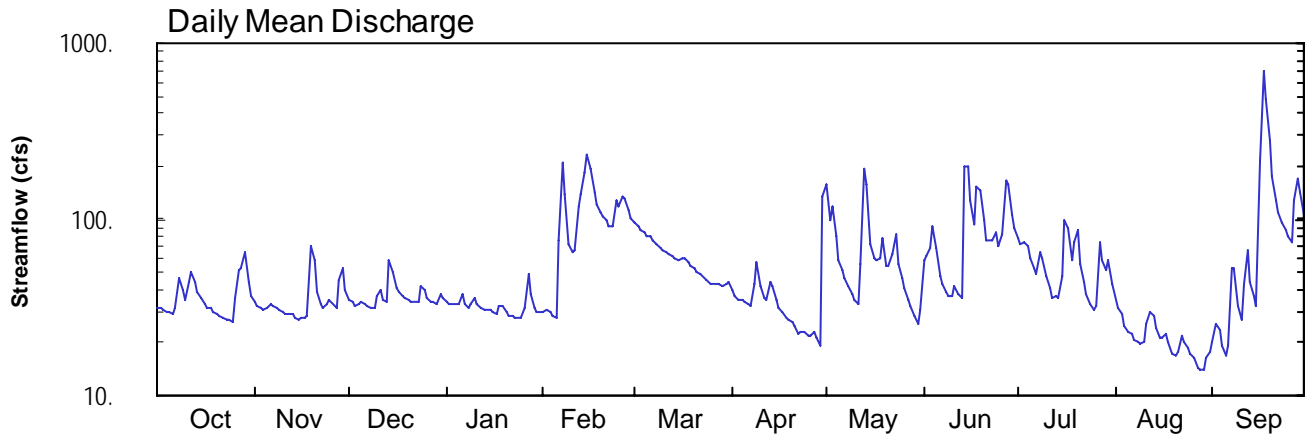
Longitude: 085° 02' 37"

Hydrologic Unit Code: 03130004

Early County

Datum: 99.00 feet

Drainage Area: 64.2 mi<sup>2</sup>



NO PHOTOS AVAILABLE FOR THIS SITE

**APALACHICOLA RIVER BASIN  
2004 Water Year**

**02343940 SAWHATCHEE CREEK AT CEDAR SPRINGS, GA**

**LOCATION.**—Lat 31°10'40", long 85°02'37" referenced to North American Datum (NAD) of 1927, Early County, Hydrologic Unit 03130004, 0.3 miles west of GA 363 on GA 273, 0.30 miles west of Cedar Springs.

**DRAINAGE AREA.**—64.2 square miles.

**COOPERATION.**—Georgia Geologic Survey.

**WATER-DISCHARGE RECORDS**

**PERIOD OF RECORD.**—January 18, 2002 to current year.

**GAGE.**—Satellite telemetry with a water-stage recorder. Datum of gage is 99.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

**REMARKS.**—Records good.

**WATER-STAGE RECORDS**

**PERIOD OF RECORD.**—January 18, 2002 to current year.

**GAGE.**—Satellite telemetry with a water-stage recorder. Datum of gage is 99.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

**REMARKS.**—Records good.

**EXTREMES FOR CURRENT YEAR.**—Maximum gage-height recorded, 8.11 feet, September 17; minimum gage-height recorded, 2.01 feet, August 27-29.

**PRECIPITATION RECORDS**

**PERIOD OF RECORD.**—January 18, 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 02343940 SAWHATCHEE CREEK AT CEDAR SPRINGS, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 099  
 LATITUDE 311051 LONGITUDE 0850237 NAD83 DRAINAGE AREA 64.2\* CONTRIBUTING DRAINAGE AREA DATUM 99.00 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	32	34	35	34	30	96	40	158	59	77	35	20
2	31	33	34	33	31	91	37	99	62	72	31	25
3	30	31	32	33	30	87	35	118	68	74	29	24
4	30	31	33	33	29	83	35	79	91	70	25	19
5	30	32	34	33	28	81	34	58	69	60	23	17
6	29	33	33	38	77	80	33	51	48	53	22	19
7	31	32	32	33	211	77	33	46	43	48	21	53
8	47	31	32	31	137	72	43	42	39	65	20	53
9	40	30	32	33	71	68	57	38	37	60	20	33
10	35	30	37	36	65	67	42	35	37	48	20	27
11	44	29	39	33	66	64	36	34	42	41	25	43
12	51	29	35	31	118	63	35	55	38	36	30	67
13	44	29	34	31	137	62	45	194	35	36	28	44
14	39	27	58	30	182	60	41	160	200	36	24	36
15	36	27	51	30	230	59	34	72	201	47	21	33
16	33	28	41	30	192	60	32	60	130	100	21	215
17	32	28	38	29	142	60	30	59	94	89	23	702
18	31	28	37	32	122	56	28	60	154	58	20	487
19	30	70	36	33	111	54	27	78	146	74	17	280
20	29	59	35	30	104	53	26	54	100	86	17	173
21	29	38	34	28	99	50	25	54	77	56	18	129
22	28	34	34	28	92	48	22	63	75	44	22	108
23	27	32	34	28	91	46	23	83	75	37	20	96
24	27	33	42	27	127	45	23	56	84	33	19	88
25	26	35	39	28	119	43	22	47	70	31	17	81
26	35	33	36	31	134	43	22	40	81	32	16	74
27	51	32	34	49	132	43	23	35	164	73	14	129
28	53	45	34	38	112	42	21	33	159	59	14	169
29	65	52	33	32	101	41	19	28	107	52	14	143
30	45	40	37	30	---	43	134	26	89	59	17	107
31	37	---	36	29	---	44	---	31	---	43	18	---
TOTAL	1127	1045	1131	994	3120	1881	1057	2046	2674	1749	661	3494
MEAN	36.4	34.8	36.5	32.1	108	60.7	35.2	66.0	89.1	56.4	21.3	116
MAX	65	70	58	49	230	96	134	194	201	100	35	702
MIN	26	27	32	27	28	41	19	26	35	31	14	17
MED	32	32	35	31	111	60	33	55	76	56	20	70
AC-FT	2240	2070	2240	1970	6190	3730	2100	4060	5300	3470	1310	6930

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	58.7	96.3	78.1	69.8	89.6	128	109	53.9	65.7	46.7	60.3	78.0
MAX	81.0	158	120	107	135	277	227	76.1	91.7	67.9	138	116
(WY)	2003	2003	2003	2003	2003	2003	2003	2003	2003	2003	2003	2004
MIN	36.4	34.8	36.5	32.1	25.7	45.3	35.2	19.6	16.4	15.8	21.3	49.9
(WY)	2004	2004	2004	2004	2002	2002	2004	2002	2002	2002	2004	2003

SUMMARY STATISTICS

	FOR 2003 CALENDAR YEAR	FOR 2004 WATER YEAR	WATER YEARS 2002 - 2004	
ANNUAL TOTAL	38814	20979		
ANNUAL MEAN	106	57.3	92.3	
HIGHEST ANNUAL MEAN			127	2003
LOWEST ANNUAL MEAN			57.3	2004
HIGHEST DAILY MEAN	998	Apr 9	702	Sep 17
LOWEST DAILY MEAN	26	Oct 25	14	Aug 27 a
ANNUAL SEVEN-DAY MINIMUM	28	Oct 19	16	Aug 25
MAXIMUM PEAK FLOW			839	Sep 17
MAXIMUM PEAK STAGE			8.11	Sep 17
INSTANTANEOUS LOW FLOW			14	Aug 27
ANNUAL RUNOFF (AC-FT)	76990	41610	66840	
10 PERCENT EXCEEDS	229	109	185	
50 PERCENT EXCEEDS	70	38	66	
90 PERCENT EXCEEDS	32	24	29	

a Also Aug 28,29

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

STATION NUMBER 02343940 SAWHATCHEE CREEK AT CEDAR SPRINGS, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 099  
 LATITUDE 311051 LONGITUDE 0850237 NAD83 DRAINAGE AREA 64.2\* CONTRIBUTING DRAINAGE AREA DATUM 99.00 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	2.45	2.50	2.52	2.50	2.41	3.76	2.62	4.73	3.02	3.41	2.52	2.19
2	2.44	2.47	2.49	2.48	2.43	3.68	2.56	3.83	3.09	3.31	2.44	2.31
3	2.42	2.45	2.47	2.48	2.41	3.60	2.52	4.15	3.23	3.36	2.39	2.27
4	2.42	2.44	2.48	2.48	2.38	3.53	2.52	3.45	3.67	3.26	2.30	2.17
5	2.41	2.45	2.49	2.48	2.37	3.49	2.50	3.01	3.23	3.04	2.26	2.10
6	2.40	2.48	2.48	2.57	3.27	3.46	2.48	2.85	2.78	2.89	2.24	2.16
7	2.44	2.46	2.46	2.49	5.34	3.41	2.47	2.74	2.67	2.79	2.20	2.89
8	2.75	2.44	2.45	2.45	4.41	3.31	2.68	2.65	2.59	3.14	2.19	2.89
9	2.61	2.43	2.45	2.47	3.29	3.23	2.97	2.58	2.56	3.04	2.18	2.47
10	2.52	2.41	2.55	2.53	3.15	3.19	2.65	2.53	2.55	2.78	2.19	2.34
11	2.70	2.40	2.60	2.48	3.18	3.14	2.53	2.49	2.66	2.64	2.31	2.69
12	2.83	2.39	2.52	2.44	4.09	3.11	2.52	2.91	2.57	2.54	2.41	3.18
13	2.70	2.39	2.51	2.43	4.44	3.08	2.71	5.16	2.53	2.54	2.37	2.69
14	2.60	2.35	3.00	2.43	4.98	3.05	2.65	4.67	5.20	2.54	2.28	2.55
15	2.54	2.35	2.83	2.43	5.54	3.03	2.51	3.31	5.24	2.77	2.21	2.47
16	2.47	2.37	2.63	2.41	5.14	3.05	2.45	3.04	4.32	3.83	2.21	4.85
17	2.45	2.37	2.59	2.40	4.51	3.05	2.41	3.03	3.72	3.64	2.25	7.71
18	2.44	2.37	2.56	2.47	4.21	2.96	2.37	3.03	4.68	3.00	2.19	7.01
19	2.42	3.25	2.54	2.47	4.03	2.91	2.35	3.41	4.57	3.33	2.11	5.91
20	2.40	3.02	2.52	2.41	3.91	2.88	2.33	2.91	3.83	3.58	2.10	4.92
21	2.39	2.58	2.50	2.38	3.83	2.83	2.30	2.91	3.40	2.94	2.13	4.33
22	2.37	2.49	2.49	2.37	3.70	2.79	2.24	3.11	3.38	2.69	2.23	3.99
23	2.35	2.45	2.51	2.36	3.67	2.75	2.25	3.51	3.38	2.56	2.19	3.78
24	2.34	2.48	2.65	2.35	4.30	2.72	2.25	2.95	3.55	2.48	2.16	3.61
25	2.33	2.53	2.60	2.37	4.16	2.68	2.23	2.75	3.26	2.43	2.12	3.48
26	2.52	2.47	2.53	2.44	4.40	2.67	2.22	2.62	3.47	2.45	2.09	3.35
27	2.85	2.45	2.50	2.80	4.37	2.68	2.25	2.52	4.81	3.31	2.03	4.26
28	2.89	2.72	2.49	2.58	4.06	2.67	2.21	2.47	4.75	3.02	2.02	4.88
29	3.16	2.87	2.49	2.45	3.86	2.64	2.16	2.37	3.97	2.86	2.03	4.52
30	2.71	2.61	2.56	2.42	---	2.67	4.31	2.31	3.63	3.02	2.09	3.97
31	2.55	---	2.54	2.40	---	2.69	---	2.42	---	2.67	2.13	---
MEAN	2.54	2.51	2.55	2.46	3.86	3.06	2.51	3.11	3.54	2.96	2.21	3.60
MAX	3.16	3.25	3.00	2.80	5.54	3.76	4.31	5.16	5.24	3.83	2.52	7.71
MIN	2.33	2.35	2.45	2.35	2.37	2.64	2.16	2.31	2.53	2.43	2.02	2.10

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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	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.27	0.84	0.05	0.00	0.32
2	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.52	0.27	0.03	0.31	0.09
3	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.58	0.03	0.01	0.00
4	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
5	0.00	0.18	0.01	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.01	2.05	0.10	0.00	0.00	0.00	0.00	0.00	1.45
7	0.29	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.06	0.01	0.00	0.16
8	0.00	0.00	0.00	0.02	0.00	0.00	0.67	0.00	0.63	0.45	0.00	0.00
9	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.17	0.00	0.33	0.00	0.10	0.00	0.00	0.00	0.10	0.00	0.59	0.26
11	0.57	0.00	0.00	0.00	0.25	0.00	0.01	0.00	0.01	0.00	0.01	0.78
12	0.15	0.00	0.00	0.00	1.07	0.00	0.56	0.79	0.54	0.00	0.18	0.00
13	0.01	0.00	0.66	0.00	0.02	0.00	0.24	0.01	1.68	0.07	0.00	0.12
14	0.00	0.00	0.16	0.00	1.42	0.00	0.00	0.00	0.19	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.26	2.73	0.00	0.32
16	0.00	0.00	0.01	0.00	0.00	0.12	0.00	0.10	0.00	0.00	0.47	4.56
17	0.00	0.00	0.01	0.15	0.00	0.00	0.00	0.01	0.02	0.02	0.00	0.00
18	0.00	0.98	0.00	0.05	0.00	0.00	0.00	1.34	0.00	0.01	0.00	0.00
19	0.00	0.39	0.00	0.01	0.00	0.00	0.00	0.67	0.15	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.00	0.70	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.00	0.01	0.00
23	0.00	0.00	0.29	0.00	0.74	0.00	0.00	0.00	0.42	0.00	0.00	0.00
24	0.00	0.23	0.00	0.00	0.28	0.00	0.00	0.00	0.16	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.02	0.00	0.00	0.00
26	1.74	0.00	0.00	0.60	0.27	0.00	0.06	0.00	0.89	1.94	0.00	0.02
27	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.14	0.00	1.87
28	0.91	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.86	0.01	0.00	0.00
29	0.00	0.00	0.24	0.00	0.00	0.00	0.66	0.00	0.01	0.87	0.18	0.00
30	0.00	0.00	0.05	0.00	---	0.29	3.68	0.00	0.00	0.00	0.01	0.00
31	0.00	---	0.01	0.00	---	0.00	---	0.67	---	0.00	0.17	---
TOTAL	3.91	2.53	1.94	1.25	6.63	0.51	5.93	4.39	8.60	6.36	2.65	9.95