

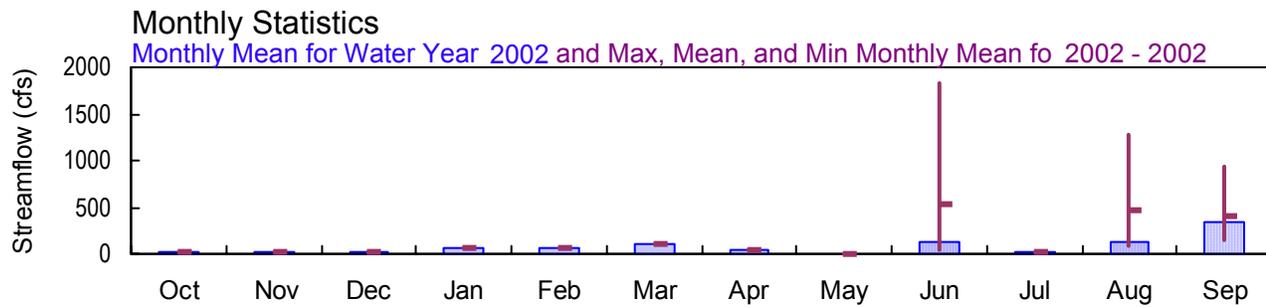
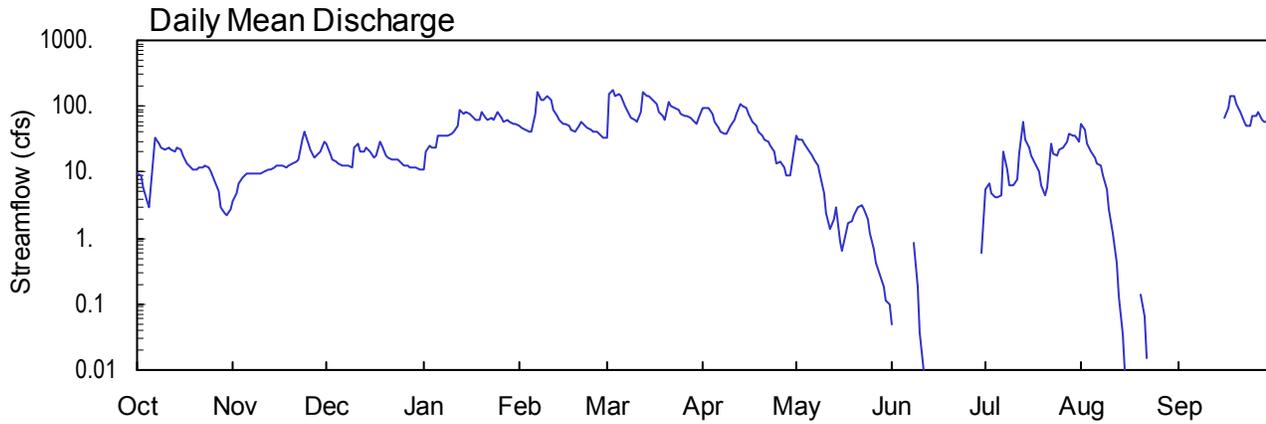


APALACHICOLA RIVER BASIN

2002 Water Year

02354410 CHICKASAWHATCHEE CREEK NEAR LEARY, GA

Latitude: 31° 30' 13" Longitude: 84° 25' 50" Hydrologic Unit Code: 03130009 Calhoun County
Drainage Area: 157. mi² Datum: 173.00 feet



USGS 02354410 CHICKASAWHATCHEE CREEK NEAR LEARY, GA

**APALACHICOLA RIVER BASIN
2001 and 2002 Water Years**

02354410 CHICKASAWHATCHEE CREEK NEAR LEARY, GA

LOCATION.—Lat 31°30'13", long 84°25'50" referenced to North American Datum (NAD) of 1927, Calhoun County, Hydrologic Unit 03130009, on GA 62, 5.2 miles east of Leary.

DRAINAGE AREA.—157 mi².

COOPERATION.—Albany-Dougherty Planning Commission.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—August 4, 2001 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 173.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records fair. Periods of no flow occur occasionally during the water year.

WATER-STAGE RECORDS

PERIOD OF RECORD.—August 4, 2001 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 173.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

REMARKS.—Records fair. Periods of no flow occur occasionally during the water year.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 6.29 feet, March 2; minimum gage-height recorded, 3.29 feet, September 14.

PRECIPITATION RECORDS

PERIOD OF RECORD.—August 4, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

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

STATION NUMBER 02354410 CHICKASAWHATCHEE CREEK NEAR LEARY, GA SOURCE AGENCY USGS STATE 13 COUNTY 037
 LATITUDE 313013 LONGITUDE 0842550 NAD83 DRAINAGE AREA 157* CONTRIBUTING DRAINAGE AREA DATUM 173.00 NGVD29
 Date Processed: 2003-03-10 13:08 By acday

APPROVED

DD #2, DCP

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.5	e3.7	27	11	51	34	96	36	0.05	5.6	56	---
2	8.7	4.9	19	e20	48	159	96	32	---	6.6	43	---
3	6.0	6.9	16	25	44	179	96	32	---	4.9	28	---
4	e3.70	8.6	15	23	42	145	77	28	---	4.3	21	---
5	2.9	9.5	14	24	40	150	58	22	---	4.1	17	---
6	15	9.7	13	37	77	146	48	18	---	4.4	14	---
7	33	9.5	13	36	162	104	42	16	---	20	13	---
8	28	9.5	13	35	122	77	39	e13	0.84	11	8.9	---
9	23	9.7	12	37	123	66	38	8.9	0.18	6.3	5.7	---
10	22	9.8	23	39	142	63	51	4.8	0.04	6.2	2.7	---
11	23	10	28	41	122	58	61	2.4	e0.01	7.6	1.2	---
12	22	11	20	50	89	85	76	1.4	---	19	0.41	---
13	21	11	20	91	72	163	107	2.0	---	59	0.13	---
14	24	12	23	78	63	148	100	2.9	---	31	0.03	---
15	22	13	21	85	56	144	95	0.92	---	24	e0.01	---
16	18	13	17	77	53	127	76	0.66	---	18	---	69
17	14	13	e18	69	49	108	60	1.2	---	14	---	97
18	12	12	30	63	44	83	49	1.7	---	10	---	145
19	11	13	e25	64	42	70	42	1.8	---	6.4	e0.00	139
20	11	14	18	81	52	64	36	2.3	---	4.4	0.14	108
21	12	15	17	69	58	115	32	2.9	---	5.9	0.06	82
22	12	16	16	64	50	103	29	3.1	---	27	0.02	60
23	13	31	16	65	48	93	25	2.8	---	19	---	49
24	12	41	16	63	43	90	20	1.9	---	18	---	52
25	10	28	14	82	42	77	14	1.2	---	22	---	74
26	7.3	22	13	69	41	72	15	0.71	---	23	---	72
27	5.0	17	13	60	37	73	12	0.42	---	29	---	82
28	3.0	19	12	62	34	65	9.1	0.27	---	38	---	63
29	2.4	21	12	60	---	61	8.8	0.18	---	37	---	58
30	e2.2	29	12	56	---	56	15	0.11	e0.61	37	---	57
31	e2.8	---	11	53	---	65	---	0.10	---	30	---	---
TOTAL	411.50	442.8	537	1689	1846	3043	1522.9	241.67	---	552.7	---	---
MEAN	13.3	14.8	17.3	54.5	65.9	98.2	50.8	7.80	---	17.8	---	---
MAX	33	41	30	91	162	179	107	36	---	59	---	---
MIN	2.2	3.7	11	11	34	34	8.8	0.10	---	4.1	---	---
CFSM	0.08	0.09	0.11	0.35	0.42	0.63	0.32	0.05	---	0.11	---	---
IN.	0.10	0.10	0.13	0.40	0.44	0.72	0.36	0.06	---	0.13	---	---

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

	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002	2002
MEAN	13.3	14.8	17.3	54.5	65.9	98.2	50.8	7.80	---	17.8	---	---
MAX	13.3	14.8	17.3	54.5	65.9	98.2	50.8	7.80	---	17.8	---	---
(WY)	2002	2002	2002	2002	2002	2002	2002	2002	---	2002	---	---
MIN	13.3	14.8	17.3	54.5	65.9	98.2	50.8	7.80	---	17.8	---	---
(WY)	2002	2002	2002	2002	2002	2002	2002	2002	---	2002	---	---

e Estimated

STATION NUMBER 02354410 CHICKASAWHATCHEE CREEK NEAR LEARY, GA SOURCE AGENCY USGS STATE 13 COUNTY 037
 LATITUDE 313013 LONGITUDE 0842550 NAD83 DRAINAGE AREA 157* CONTRIBUTING DRAINAGE AREA DATUM 173.00 NGVD29
 Date Processed: 2003-03-10 13:08 By acday

APPROVED

DD #1, DCP

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.04	---	5.53	5.48	5.59	5.44	5.86	5.46	4.47	5.00	5.62	3.91
2	5.01	4.98	5.45	---	5.57	6.04	5.86	5.42	4.35	5.03	5.53	3.87
3	4.94	5.04	5.44	5.65	5.54	6.15	5.86	5.42	4.26	4.98	5.38	3.82
4	---	5.08	5.45	5.59	5.52	6.05	5.76	5.38	4.17	4.96	5.30	3.77
5	4.82	5.10	5.45	5.58	5.50	6.06	5.64	5.31	4.11	4.95	5.24	3.71
6	5.08	5.11	5.46	5.68	5.71	6.05	5.57	5.26	4.03	4.94	5.20	3.65
7	5.39	5.10	5.48	5.64	6.10	5.89	5.52	5.22	4.18	5.28	5.18	3.60
8	5.33	5.10	5.49	5.60	5.97	5.76	5.49	---	4.71	5.14	5.09	3.54
9	5.27	5.11	5.48	5.59	5.97	5.70	5.48	5.09	4.56	5.02	5.00	3.49
10	5.26	5.11	5.64	5.58	6.04	5.67	5.59	4.97	4.44	5.02	4.88	3.45
11	5.27	5.12	5.72	5.57	5.97	5.64	5.66	4.87	4.34	5.06	4.77	3.40
12	5.27	5.13	5.63	5.60	5.82	5.76	5.75	4.79	4.25	5.18	4.64	3.36
13	5.24	5.14	5.64	5.83	5.73	6.10	5.91	4.79	4.16	5.64	4.54	3.32
14	5.29	5.15	5.67	5.77	5.68	6.06	5.88	4.89	4.08	5.41	4.44	3.35
15	5.26	5.17	5.64	5.80	5.63	6.04	5.85	4.74	4.05	5.33	4.37	5.70
16	5.20	5.18	5.59	5.76	5.61	5.99	5.75	4.70	3.97	5.26	4.30	5.71
17	5.14	5.17	---	5.71	5.57	5.91	5.66	4.77	3.89	5.19	4.24	5.85
18	5.10	5.16	5.74	5.68	5.54	5.79	5.58	4.82	3.81	5.12	4.16	6.05
19	5.09	5.17	---	5.68	5.52	5.72	5.52	4.83	3.75	5.03	4.15	6.03
20	5.10	5.19	5.60	5.78	5.59	5.68	5.46	4.87	3.69	4.97	4.55	5.91
21	5.11	5.21	5.59	5.71	5.64	5.93	5.42	4.90	3.64	4.96	4.49	5.79
22	5.13	5.23	5.58	5.68	5.59	5.89	5.39	4.91	3.62	5.36	4.40	5.66
23	5.14	5.41	5.58	5.69	5.57	5.84	5.35	4.89	3.61	5.27	4.32	5.58
24	5.14	5.52	5.57	5.67	5.53	5.83	5.28	4.84	3.64	5.26	4.24	5.59
25	5.10	5.41	5.55	5.79	5.52	5.76	5.20	4.77	3.60	5.32	4.15	5.74
26	5.03	5.36	5.53	5.71	5.51	5.73	5.20	4.71	3.57	5.33	4.08	5.73
27	4.98	5.33	5.52	5.66	5.47	5.74	5.16	4.65	3.53	5.39	4.07	5.79
28	4.89	5.36	5.51	5.67	5.44	5.69	5.10	4.61	3.49	5.48	4.01	5.68
29	4.87	5.42	5.51	5.66	---	5.66	5.09	4.57	3.46	5.47	3.95	5.64
30	---	5.53	5.50	5.63	---	5.63	5.16	4.53	4.50	5.47	3.92	5.63
31	---	---	5.49	5.61	---	5.68	---	4.52	---	5.40	3.94	---
MEAN	---	---	---	---	5.66	5.83	5.53	---	4.00	5.20	4.59	4.74
MAX	---	---	---	---	6.10	6.15	5.91	---	4.71	5.64	5.62	6.05
MIN	---	---	---	---	5.44	5.44	5.09	---	3.46	4.94	3.92	3.32

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

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 LATITUDE 313013 LONGITUDE 0842550 NAD83 DRAINAGE AREA 157* CONTRIBUTING DRAINAGE AREA DATUM 173.00 NGVD29
 Date Processed: 2003-03-10 13:08 By acday

APPROVED

DD #3, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
 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	0.02	0.33	0.06	0.00	0.00	1.17	0.00
2	0.00	0.00	0.00	0.60	0.00	2.53	0.00	0.14	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.05	0.00	0.21	0.00	0.13	0.02	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.13	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.01	0.00	0.00	0.00
6	1.12	0.00	0.00	0.28	1.69	0.00	0.00	0.05	0.01	1.66	0.19	0.00
7	0.00	0.00	0.00	0.00	0.26	0.00	0.00	0.02	2.06	0.28	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	0.01	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.07	0.07	0.00	0.00	0.02	0.00	0.00
10	0.00	0.00	1.10	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.01	0.00	0.00	0.00
12	0.00	0.00	0.01	0.74	0.00	1.22	0.04	0.00	0.00	2.03	0.00	0.00
13	0.00	0.00	0.01	0.00	0.00	0.01	0.02	1.17	0.00	0.00	0.00	0.06
14	0.22	0.00	0.00	0.38	0.00	0.00	0.02	0.00	0.16	0.00	0.01	2.04
15	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.00	0.00	0.00	0.00	3.17
16	0.00	0.00	0.00	0.00	0.00	0.45	0.01	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.58	0.00	0.00	0.00	0.02	0.45	0.00	0.00	0.00	0.02
18	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.07	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.47	0.00	0.00	0.02	0.00	0.00	0.00	0.98	0.00
20	0.00	0.00	0.00	0.00	0.39	0.00	0.01	0.00	0.00	0.19	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.84	0.01	0.00	0.14	1.32	0.04	0.01
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	1.13	0.07	0.00
23	0.00	0.74	0.03	0.00	0.00	0.00	0.02	0.00	0.44	0.05	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.02	0.08	0.00	0.55
25	0.00	0.16	0.00	0.68	0.00	0.00	0.02	0.00	0.03	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.36	0.03	0.00	0.02	0.00	0.28	0.00
27	0.00	0.00	0.00	0.02	0.00	0.00	0.03	0.00	0.00	0.07	0.02	0.06
28	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	15.48	0.01	0.00	0.34
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.07	0.00
30	0.00	0.22	0.00	0.00	---	0.00	0.01	0.00	0.41	0.00	0.40	0.00
31	0.00	---	0.00	0.00	---	0.73	---	0.00	---	0.00	0.01	---
TOTAL	1.34	1.12	1.73	3.23	2.34	6.44	0.80	---	19.04	6.84	3.24	6.25

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

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 LATITUDE 313013 LONGITUDE 0842550 NAD83 DRAINAGE AREA 157* CONTRIBUTING DRAINAGE AREA DATUM 173.00 NGVD29
 Date Processed: 2003-03-10 13:08 By acday

APPROVED

DD #3, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
 DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	---	0.0	0.22
2	---	---	---	---	---	---	---	---	---	---	0.0	1.40
3	---	---	---	---	---	---	---	---	---	---	0.0	0.63
4	---	---	---	---	---	---	---	---	---	---	0.00	0.31
5	---	---	---	---	---	---	---	---	---	---	0.18	0.12
6	---	---	---	---	---	---	---	---	---	---	0.09	0.04
7	---	---	---	---	---	---	---	---	---	---	0.76	0.00
8	---	---	---	---	---	---	---	---	---	---	0.00	0.15
9	---	---	---	---	---	---	---	---	---	---	0.00	0.00
10	---	---	---	---	---	---	---	---	---	---	0.01	0.00
11	---	---	---	---	---	---	---	---	---	---	0.01	0.02
12	---	---	---	---	---	---	---	---	---	---	0.29	0.00
13	---	---	---	---	---	---	---	---	---	---	0.17	0.00
14	---	---	---	---	---	---	---	---	---	---	0.04	0.00
15	---	---	---	---	---	---	---	---	---	---	0.00	0.00
16	---	---	---	---	---	---	---	---	---	---	0.00	0.00
17	---	---	---	---	---	---	---	---	---	---	0.04	0.00
18	---	---	---	---	---	---	---	---	---	---	0.02	0.00
19	---	---	---	---	---	---	---	---	---	---	0.00	0.00
20	---	---	---	---	---	---	---	---	---	---	0.00	0.00
21	---	---	---	---	---	---	---	---	---	---	0.00	0.00
22	---	---	---	---	---	---	---	---	---	---	0.00	0.00
23	---	---	---	---	---	---	---	---	---	---	0.00	0.32
24	---	---	---	---	---	---	---	---	---	---	0.00	0.49
25	---	---	---	---	---	---	---	---	---	---	0.00	0.01
26	---	---	---	---	---	---	---	---	---	---	0.00	0.00
27	---	---	---	---	---	---	---	---	---	---	0.00	0.00
28	---	---	---	---	---	---	---	---	---	---	0.13	0.00
29	---	---	---	---	---	---	---	---	---	---	0.01	0.00
30	---	---	---	---	---	---	---	---	---	---	0.00	0.00
31	---	---	---	---	---	---	---	---	---	---	0.00	---
TOTAL	---	---	---	---	---	---	---	---	---	---	1.75	3.71