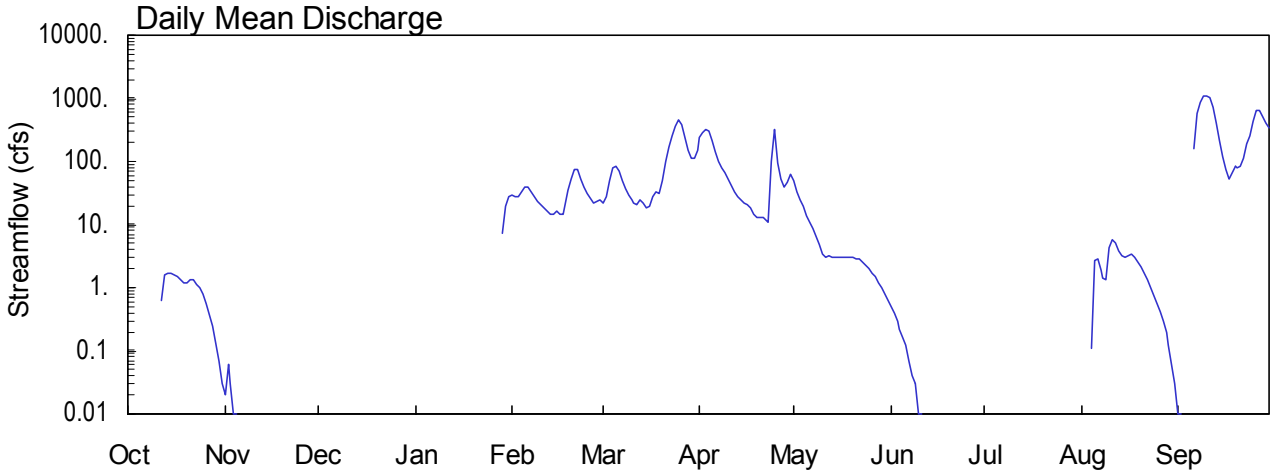
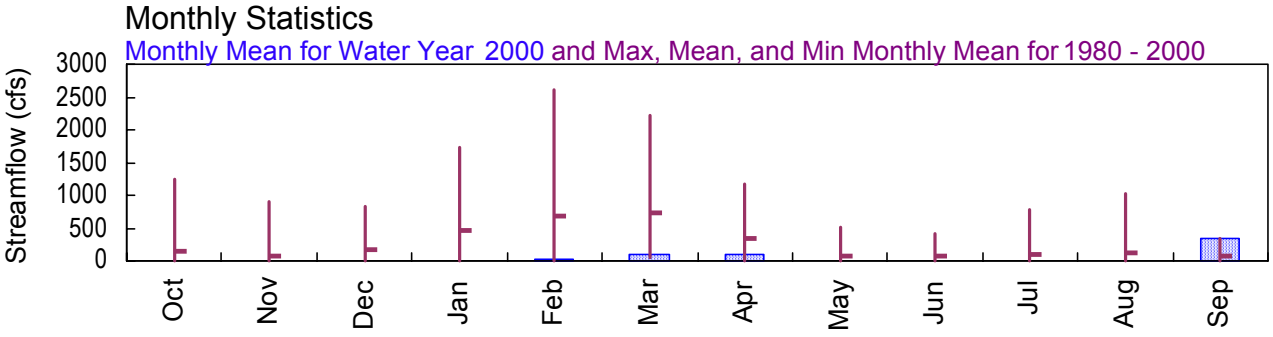
SUWANNEE RIVER BASIN

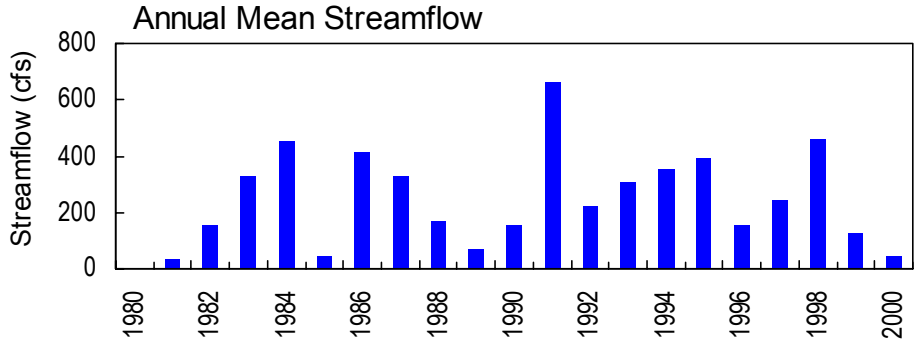
2000 Water Year

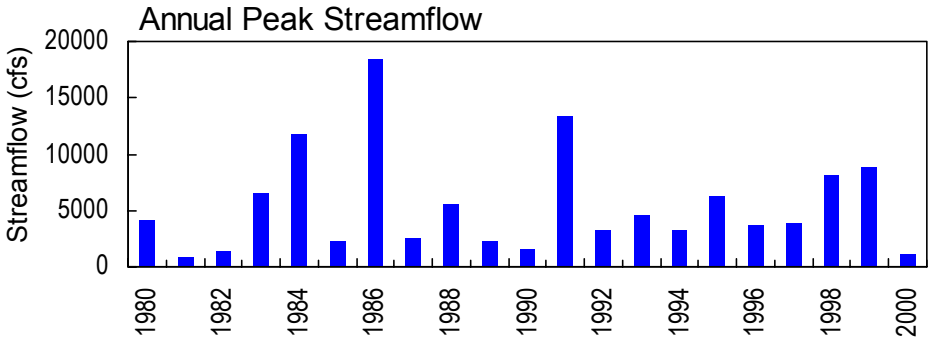
02318700 OKAPILCO CREEK AT GA 33, NEAR QUITMAN, GA

Latitude: 30°49'32" Longitude: 83°33'45" Hydrologic Unit Code: 03110203 Brooks County
Drainage Area: 269 mi^2 Datum: 110 feet Period of Record: 1980 - 2000









02318700 Okapilco Creek at SR 33, near Quitman, GA

SUWANNEE RIVER BASIN
2000 Water Year

02318700 OKAPILCO CREEK AT GA 33, NEAR QUITMAN, GA

LOCATION.--Lat 30°49'32", long 83°33'45", Brooks County, Hydrologic Unit 03110203, on downstream side of bridge pier on GA Highway 33, 1.0 mile downstream from Coon Creek, and 3.0 mile north of Quitman.

DRAINAGE AREA.--269 mi^2, approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--December 1979 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Elevation of gage is 110 feet above sea level (from topographic map).

REMARKS.--Records fair to poor.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,200 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE HEIGHT (ft)
Sep. 11	1230	1,040	10.95

No other peaks greater than the base discharge

STATION NUMBER 02318700 OKAPILCO CREEK AT GA 33, NEAR QUITMAN, GA STREAM SOURCE AGENCY USGS
LATITUDE 304932 LONGITUDE 0833345 DRAINAGE AREA 269.00 DATUM 110.00 STATE 13 COUNTY 027

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.02	.00	e.00	29	22	234	51	.51	.00	.00	.01
2	.00	.06	.00	e.00	27	28	291	34	.40	.00	.00	.01
3	.00	.03	.00	e.00	27	49	319	25	.30	.00	.00	.00
4	.00	.01	.00	e.00	34	77	300	19	.22	.00	.11	.00
5	.00	.01	.00	e.00	40	83	218	14	.16	.00	2.7	.00
6	.00	.00	.00	e.00	39	69	140	11	.12	.00	2.8	160
7	.00	.00	.00	e.00	33	51	100	8.5	.07	.00	1.9	569
8	.00	.00	.00	e.00	28	38	79	6.3	.04	.00	1.4	e870
9	.00	.00	.00	e.00	23	30	65	4.7	.03	.00	1.3	e1100
10	.00	.00	.00	e.00	21	25	52	3.4	.01	.00	4.2	e1120
11	.00	.00	.00	e.00	18	22	42	3.1	.01	.00	5.8	e1050
12	.62	.00	.00	e.00	16	21	34	3.2	.00	.00	5.0	718
13	1.6	.00	.00	e.00	15	24	28	3.0	.00	.00	3.9	410
14	1.7	.00	.00	e.00	15	22	24	3.0	.00	.00	3.3	215
15	1.7	.00	.00	e.00	16	18	22	3.1	.00	.00	3.1	117
16	1.6	.00	.00	e.00	15	19	21	3.0	.00	.00	3.3	74
17	1.5	.00	.00	e.00	15	27	18	3.1	.00	.00	3.4	53
18	1.3	.00	e.00	e.00	20	33	15	3.1	.00	.00	3.1	66
19	1.2	.00	e.00	e.00	35	32	13	3.1	.00	.00	2.6	84
20	1.2	.00	e.00	.00	54	50	13	3.0	.00	.00	2.1	80
21	1.3	.00	e.00	.00	74	101	13	2.9	.00	.00	1.7	85
22	1.3	.00	e.00	.00	73	169	12	2.8	.00	.00	1.3	113
23	1.1	.00	e.00	.00	54	260	11	2.6	.00	.00	1.0	192
24	.99	.00	e.00	.00	39	363	102	2.3	.00	.00	.75	249
25	.80	.00	e.00	.00	31	448	316	2.0	.00	.00	.56	424
26	.57	.00	e.00	.00	26	374	96	1.7	.00	.00	.42	637
27	.38	.00	e.00	.00	22	234	54	1.5	.00	.00	.29	631
28	.24	.00	e.00	.00	23	148	39	1.2	.00	.00	.19	500
29	.13	.00	e.00	7.4	24	112	47	1.0	.00	.00	.12	396
30	.07	.00	e.00	19	---	111	63	.80	.00	.00	.06	334
31	.03	---	e.00	27	---	154	---	.64	---	.00	.03	---
TOTAL	19.33	0.13	0.00	53.40	886	3214	2781	227.04	1.87	0.00	56.43	10247.02
MEAN	.62	.004	.000	1.72	30.6	104	92.7	7.32	.062	.000	1.82	342
MAX	1.7	.06	.00	27	74	448	319	51	.51	.00	5.8	1120
MIN	.00	.00	.00	.00	15	18	11	.64	.00	.00	.00	.00
CFSM	.00	.00	.00	.01	.11	.39	.34	.03	.00	.00	.01	1.27
IN.	.00	.00	.00	.01	.12	.44	.38	.03	.00	.00	.01	1.42

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 2000, BY WATER YEAR (WY)

MEAN	151	84.6	181	455	691	732	352	72.1	74.9	101	134	66.8
MAX	1255	910	839	1735	2614	2223	1160	507	424	788	1031	342
(WY)	1995	1998	1986	1991	1986	1991	1983	1991	1994	1991	1994	2000
MIN	.000	.000	.000	.63	1.95	52.5	10.4	.051	.001	.000	.073	.000
(WY)	1982	1991	1991	1989	1989	1985	1999	1999	1998	2000	1998	1990

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1980 - 2000	
ANNUAL TOTAL	14758.63		17486.22			
ANNUAL MEAN	40.4		47.8		256	
HIGHEST ANNUAL MEAN					664	1991
LOWEST ANNUAL MEAN					36.4	1981
HIGHEST DAILY MEAN	1220	Jan 28	1120	Sep 10	14600	Feb 12 1986
LOWEST DAILY MEAN	.00	May 18	.00	Oct 1	.00	Sep 6 1980
ANNUAL SEVEN-DAY MINIMUM	.00	May 18	.00	Oct 1	.00	Sep 10 1980
MAXIMUM PEAK FLOW			1120	Sep 10	18500	Feb 12 1986
MAXIMUM PEAK STAGE					18.75	Feb 12 1986
ANNUAL RUNOFF (CFSM)	.15		.18		.95	
ANNUAL RUNOFF (INCHES)	2.04		2.42		12.91	
10 PERCENT EXCEEDS	109		105		722	
50 PERCENT EXCEEDS	.42		.60		29	
90 PERCENT EXCEEDS	.00		.00		.00	

STATISTICS COMPUTED BY: landers DATE: 10/29/2001 AT: 09:37:08

e Estimated