

SUWANNEE RIVER BASIN
OKAPILCO CREEK NEAR QUITMAN, GA.

02318700

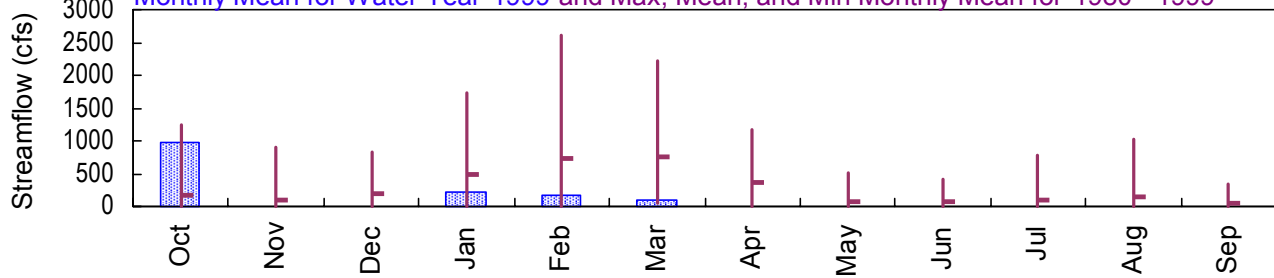
Latitude: 30° 49' 32" Longitude: 83° 33' 45" Hydrologic Unit Code: 03110203 Brooks County
Drainage Area: 269.00 mi² Datum: 110.0 feet Period of Record: 1980 - 1999

Daily Mean Discharge for Water 1999

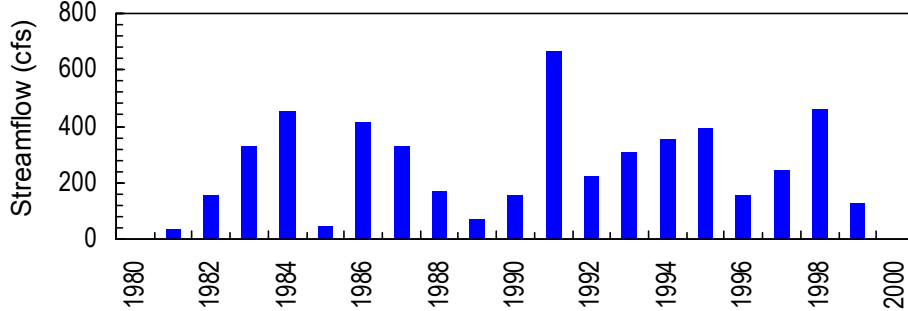


Monthly Statistics

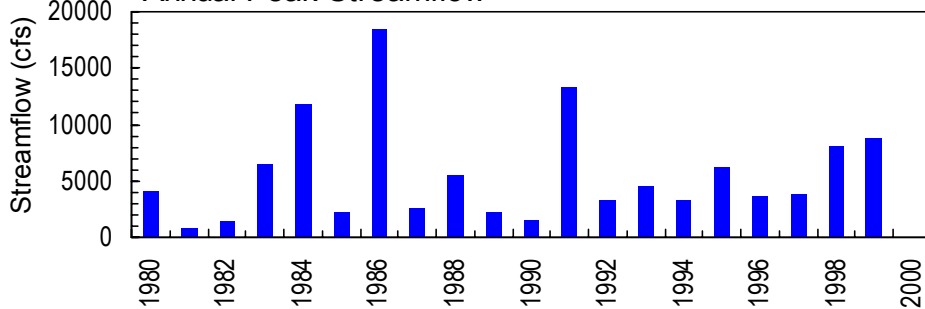
Monthly Mean for Water Year 1999 and Max, Mean, and Min Monthly Mean for 1980 - 1999



Annual Mean Streamflow



Annual Peak Streamflow



**SUWANNEE RIVER BASIN
1999 Water Year**

**02318700 OKAPILCO CREEK AT STATE HIGHWAY 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 State Highway 33, 1.0 mile downstream from Coon Creek, and 3.0 mile north of Quitman.

DRAINAGE AREA.--269 mi², approximately.

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

GAGE.--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 ft³/s and maximum (*):

DATE	TIME	DISCHARGE (ft ³ /s)	GAGE HEIGHT (ft)
Oct. 1	2000	8,820*	15.54*
Jan. 28	0600	1,260	11.29

STATION NUMBER 02318700 OKAPILCO CREEK AT ST RT 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 1998 TO SEPTEMBER 1999
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8000	14	6.9	30	248	102	26	.43	.00	3.1	26	.00
2	6930	13	6.6	34	236	104	26	.28	.00	3.5	15	.00
3	4220	13	6.0	62	229	109	25	.12	.00	.85	7.1	.00
4	2750	18	5.3	75	230	135	23	.04	.00	.53	3.0	.00
5	1800	17	4.9	76	237	150	23	.01	.00	.42	1.2	.00
6	1280	14	4.7	81	244	150	27	.01	.00	.44	.59	.00
7	897	12	4.1	85	232	161	29	.03	.00	1.2	.33	.00
8	654	11	3.6	83	189	162	28	.11	.00	.92	.31	.00
9	570	12	3.3	79	150	132	23	.14	.00	.56	.41	.00
10	538	14	2.9	81	122	110	18	.13	.00	.44	.55	.00
11	486	14	2.4	76	106	96	15	.10	.00	.49	.94	.00
12	373	13	2.2	69	96	82	11	.06	.00	.52	.75	.00
13	267	11	2.2	73	87	76	8.7	.04	.00	.74	.45	.00
14	196	9.6	2.9	78	80	91	6.6	.04	.01	1.1	.51	.00
15	152	8.5	3.2	78	72	116	5.0	.03	5.5	1.3	.88	.00
16	122	8.1	3.3	74	65	109	4.2	.01	2.3	1.2	1.0	.00
17	100	8.7	3.2	65	60	122	3.5	.01	.04	1.1	1.3	.00
18	85	10	2.9	56	62	146	2.7	.00	.00	1.5	1.3	.00
19	74	9.6	2.5	52	78	159	1.9	.00	.00	2.1	1.0	.00
20	65	9.1	2.0	50	98	133	1.5	.00	.00	1.9	.76	.00
21	56	9.6	1.5	47	192	100	1.2	.00	.00	1.3	.57	.00
22	48	10	1.3	44	327	78	.88	.00	.00	.96	.40	.00
23	42	11	1.4	53	369	64	.62	.00	.00	2.1	.27	.00
24	37	11	1.6	196	289	54	.50	.00	.00	11	.15	.00
25	32	11	1.8	227	184	47	.41	.00	.00	14	.07	.00
26	28	12	7.1	581	121	43	.36	.00	.00	13	.02	.00
27	24	11	17	1090	99	46	.33	.00	.00	9.1	.01	.00
28	22	9.9	16	1220	92	45	.31	.00	.00	5.4	.00	.00
29	19	8.7	16	890	---	39	.32	.00	.03	5.3	.00	.00
30	17	7.7	18	565	---	33	.43	.00	1.3	14	.00	.00
31	15	---	24	340	---	29	---	.00	---	23	.00	---

TOTAL	29899	341.5	180.8	6610	4594	3023	313.46	1.59	9.18	123.07	64.87	0.00
MEAN	964	11.4	5.83	213	164	97.5	10.4	.051	.31	3.97	2.09	.000
MAX	8000	18	24	1220	369	162	29	.43	5.5	23	26	.00
MIN	15	7.7	1.3	30	60	29	.31	.00	.00	.42	.00	.00
CFSM	3.59	.04	.02	.79	.61	.36	.04	.00	.00	.01	.01	.00
IN.	4.13	.05	.03	.91	.64	.42	.04	.00	.00	.02	.01	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 1999, BY WATER YEAR (WY)

MEAN	159	89.1	190	478	725	763	365	75.3	78.7	106	141	53.1
MAX	1255	910	839	1735	2614	2223	1160	507	424	788	1031	341
(WY)	1995	1998	1986	1991	1986	1991	1983	1991	1994	1991	1994	1998
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	1990	1998	1990

SUMMARY STATISTICS FOR 1998 CALENDAR YEAR FOR 1999 WATER YEAR WATER YEARS 1980 - 1999

ANNUAL TOTAL	137896.02			45160.47					
ANNUAL MEAN	378			124			267		
HIGHEST ANNUAL MEAN							664		
LOWEST ANNUAL MEAN							36.4		
HIGHEST DAILY MEAN	8000	Oct	1	8000	Oct	1	14600	Feb	12 1986
LOWEST DAILY MEAN	.00	Jun	2	.00	May	18	.00	Sep	6 1980
ANNUAL SEVEN-DAY MINIMUM	.00	Jun	2	.00	May	18	.00	Sep	10 1980
INSTANTANEOUS PEAK FLOW				8820	Oct	1	18500	Feb	12 1986
INSTANTANEOUS PEAK STAGE				15.54	Oct	1	18.75	Feb	12 1986
INSTANTANEOUS LOW FLOW				.00	May	18			
ANNUAL RUNOFF (CFSM)	1.40			.46			.99		
ANNUAL RUNOFF (INCHES)	19.07			6.25			13.46		
10 PERCENT EXCEEDS	996			161			746		
50 PERCENT EXCEEDS	24			6.0			33		
90 PERCENT EXCEEDS	.00			.00			.00		

STATISTICS COMPUTED BY: rnichols

DATE: 10/24/2000 AT: 08:30:55