OGEECHEE RIVER BASIN

02202600 BLACK CREEK NEAR BLITCHTON, GA.

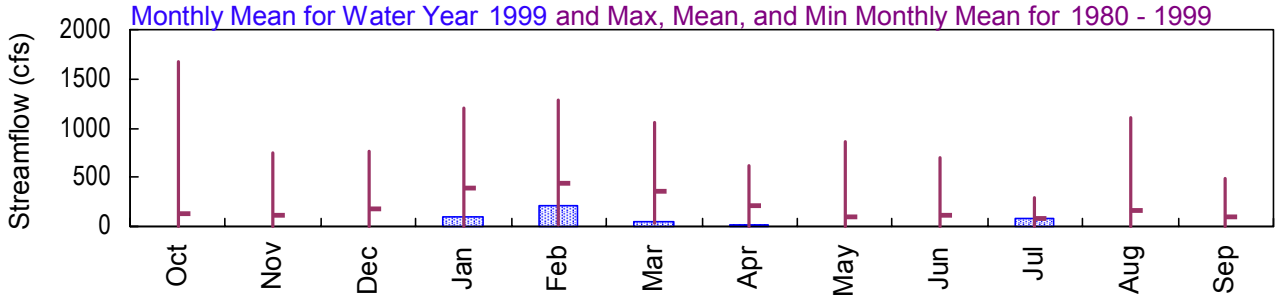
Latitude: 32°10'04" Longitude: 81°29'18" Hydrologic Unit Code: 03060202 Bryan County

Drainage Area: 232.00 mi^2 Datum: 30.00 feet Period of Record: 1980 - 1999

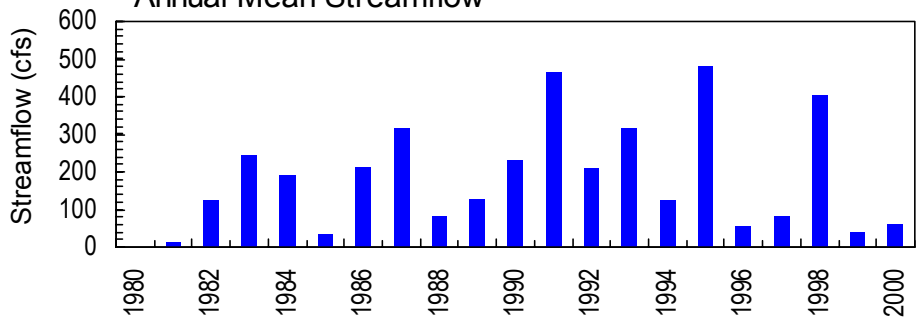
Daily Mean Discharge for Water 1999

Monthly Statistics

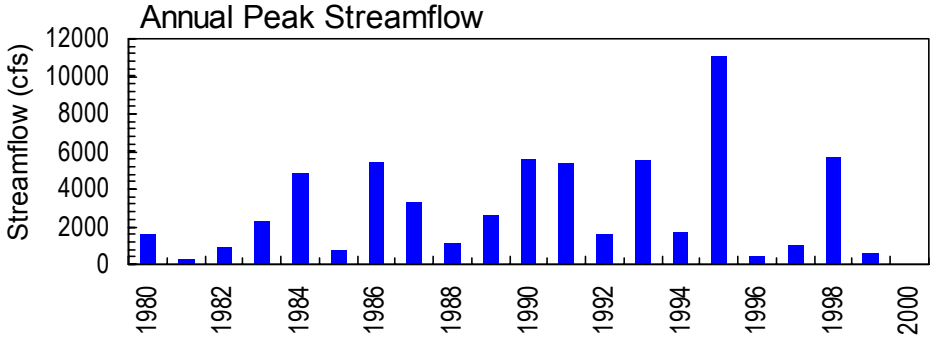
Monthly Mean for Water Year 1999 and Max, Mean, and Min Monthly Mean for 1980 - 1999



Annual Mean Streamflow



Annual Peak Streamflow



02202600 Black Creek near Blichton, GA
August 28, 1991

OGEECHEE RIVER BASIN
1999 Water Year

02202600 BLACK CREEK NEAR BLITCHTON, GA

LOCATION.--Lat 32°10'04", long 81°29'18", Bryan County, Hydrologic Unit 03060202, on upstream side of bridge on U.S. Highway 280 (State Highway 30), 4.2 miles upstream from Mill Creek, 5.8 miles southwest of Blitchton, and 8.7 miles upstream from mouth.

DRAINAGE AREA.--232 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--Occasional low-flow measurements, water years 1944, 1951, 1954, 1959, 1961-62, 1964-68, 1973. February 1980 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 30.0 feet above sea level (from topographic map).

REMARKS.--Records good, except those less than 2.0 ft^3/s, which are fair.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 900 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE HEIGHT (ft)
Feb. 5	1500	554*	7.81*

No other peaks greater than base discharge

STATION NUMBER 02202600 BLACK CREEK NEAR BLITCHTON, GA. STREAM SOURCE AGENCY USGS
LATITUDE 321004 LONGITUDE 0812918 DRAINAGE AREA 232.00 DATUM 30.00 STATE 13 COUNTY 029

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	13	.82	1.1	9.7	217	70	19	2.2	.42	38	8.4	3.6
2	9.9	.92	1.1	11	250	70	21	2.0	1.1	26	5.9	2.3
3	7.0	1.1	1.2	35	290	65	20	1.4	.93	12	3.7	1.7
4	5.2	1.3	1.4	36	417	60	19	.94	.18	7.0	2.2	1.1
5	3.8	1.2	1.4	30	542	56	19	.75	.18	5.4	1.3	.90
6	2.8	.94	1.1	32	545	52	20	1.6	.17	3.3	.82	.67
7	2.5	.99	1.0	34	527	57	21	4.0	.15	11	.58	.60
8	30	1.1	.90	30	443	54	25	2.5	.38	11	.43	.61
9	19	1.3	.97	26	328	48	18	1.5	1.6	15	.35	.66
10	9.4	1.4	1.0	27	264	50	15	1.1	2.1	50	.29	.58
11	6.7	1.5	.96	23	233	50	13	1.1	2.5	53	.23	.52
12	5.1	1.7	.83	21	198	48	12	.66	3.5	47	.20	.43
13	4.3	2.1	.92	25	169	47	10	.69	3.1	78	.19	.38
14	3.7	2.7	1.1	37	150	51	9.0	1.7	3.1	85	.65	.41
15	3.0	3.0	1.4	36	134	60	7.5	1.5	3.0	119	2.1	.56
16	2.5	3.3	2.0	34	118	60	5.2	1.2	3.2	171	1.1	.50
17	2.1	4.0	1.7	38	107	59	3.9	.98	3.9	189	.68	.44
18	1.9	5.3	1.2	40	101	59	2.9	.85	3.6	170	.58	.39
19	1.8	5.9	1.1	43	104	56	2.3	.80	3.1	176	.53	.75
20	1.6	6.7	1.1	38	100	50	2.4	.63	3.1	159	.83	.89
21	1.5	7.2	.97	48	95	46	1.7	.58	3.2	125	1.7	1.0
22	1.4	7.7	1.1	53	97	42	1.3	.51	2.8	153	5.3	.93
23	1.0	7.5	1.3	56	94	36	1.1	.45	1.4	165	12	.67
24	1.1	7.9	1.0	165	87	31	.83	.39	1.5	124	8.9	.67
25	1.3	7.7	4.6	235	81	27	.87	.32	1.7	88	10	.66
26	1.5	7.4	27	294	76	26	.73	.51	1.8	65	6.6	.96
27	1.1	6.0	16	401	71	24	.59	2.0	2.0	48	4.4	9.3
28	1.1	4.4	9.9	381	69	24	.51	2.0	2.8	34	4.6	27
29	1.1	2.6	6.9	304	---	25	.38	1.8	10	22	6.5	43
30	1.0	1.1	5.4	266	---	22	.60	.47	49	15	7.0	132
31	.92	---	8.0	232	---	20	---	.41	---	11	5.3	---

TOTAL	148.32	106.77	105.65	3040.7	5907	1445	273.81	37.54	115.51	2275.7	103.36	234.18
MEAN	4.78	3.56	3.41	98.1	211	46.6	9.13	1.21	3.85	73.4	3.33	7.81
MAX	30	7.9	27	401	545	70	25	4.0	49	189	12	132
MIN	.92	.82	.83	9.7	69	20	.38	.32	.15	3.3	.19	.38
CFSM	.02	.02	.01	.42	.91	.20	.04	.01	.02	.32	.01	.03
IN.	.02	.02	.02	.49	.95	.23	.04	.01	.02	.36	.02	.04

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

MEAN	133	107	183	386	442	357	214	104	116	83.4	158	90.9
MAX	1682	754	762	1203	1286	1065	622	867	696	299	1105	486
(WY)	1995	1986	1995	1987	1998	1998	1993	1991	1991	1989	1991	1989
MIN	.80	1.90	2.14	2.96	11.8	28.8	6.78	1.08	.93	.36	.63	.61
(WY)	1994	1981	1981	1981	1981	1985	1985	1985	1990	1990	1998	1990

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1980 - 1999		
ANNUAL TOTAL	123568.89		13793.54				
ANNUAL MEAN	339		37.8		196		
HIGHEST ANNUAL MEAN					480		1995
LOWEST ANNUAL MEAN					13.3		1981
HIGHEST DAILY MEAN	5220	Mar 10	545	Feb 6	10400	Oct 14	1994
LOWEST DAILY MEAN	.31	Aug 27	.15	Jun 7	.15	Jun 7	1999
ANNUAL SEVEN-DAY MINIMUM	.36	Aug 24	.32	Aug 7	.27	Jul 7	1990
INSTANTANEOUS PEAK FLOW			554	Feb 5	11100	Oct 14	1994
INSTANTANEOUS PEAK STAGE			7.81	Feb 5	15.28	Oct 14	1994
INSTANTANEOUS LOW FLOW					.00	Aug 19	1954
ANNUAL RUNOFF (CFSM)	1.46		.16		.85		
ANNUAL RUNOFF (INCHES)	19.81		2.21		11.48		
10 PERCENT EXCEEDS	1200		105		548		
50 PERCENT EXCEEDS	4.0		4.0		39		
90 PERCENT EXCEEDS	.63		.60		1.1		

STATISTICS COMPUTED BY: btwhite DATE: 05/04/2000 AT: 09:18:18