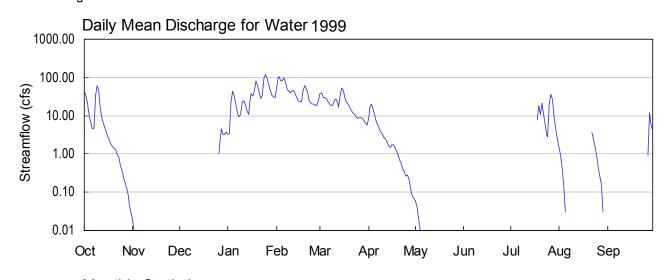
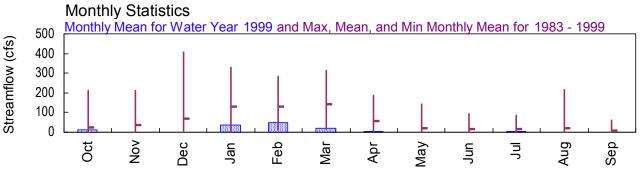
ALTAMAHA RIVER BASIN

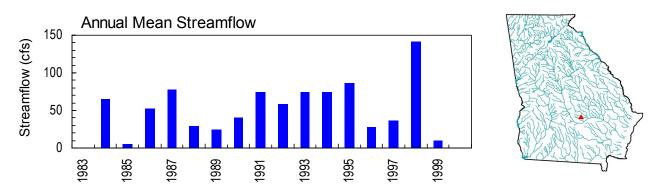
02216180

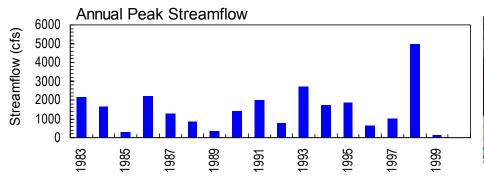
TURNPIKE CREEK NEAR MCRAE, GA.

Latitude: 31°59′29″ Longitude: 82°55′19″ Hydrologic Unit Code: 03070105 Telfair County Drainage Area: 49.20 mi² Datum: 173.1 feet Period of Record: 1983 - 1999











ALTAMAHA RIVER BASIN 1999 Water Year

02216180 TURNPIKE CREEK NEAR MCRAE, GA

LOCATION.--Lat 31°59'29", long 82°55'19", Telfair County, Hydrologic Unit 03070105, on downstream side of bridge pier on U.S. Highways 319 and 441, 4.8 miles south of McRae and 13.8 miles upstream from mouth.

DRAINAGE AREA.--49.2 mi².

PERIOD OF RECORD.--January 1983 to current year.

GAGE.--Water-stage recorder. Datum of gage is 173.17 feet above sea level (levels by Georgia Department of Transportation).

REMARKS.--Records good, except those less than 1 ft³/s, which are fair.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 600 ft³/s and maximum (*):

DATE	TIME	DISCHARGE (ft ³ /s)	GAGE HEIGHT (ft)				
Jan. 25	0500	128*	6.06*				
		No other peaks greater than base discharge					

STATION NUMBER 02216180 TURNPIKE CREEK (US HWY 319 & 441) NR MCRAE, GA. STREAM SOURCE AGENCY USGS LATITUDE 315929 LONGITUDE 0825519 DRAINAGE AREA 49.23 DATUM 173.17 STATE 13 COUNTY 271

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	43	.02	.00	3.2	56	38	9.3	.06	.00	.00	1.5	.00
2	33	.01	.00	3.4	105	40	16	.04	.00	.00	.93	.00
3	20	.00	.00	22	105	30	20	.02	.00	.00	.43	.00
4	10	.00	.00	43	83	30	15	.01	.00	.00	.14	.00
5	6.6	.00	.00	33	83	28	11	.01	.00	.00	.03	.00
_												
6	4.5	.00	.00	20	101	23	7.5	.00	.00	.00	.00	.00
7	4.7	.00	.00	12	73	20	5.8	.00	.00	.00	.00	.00
8	35	.00	.00	9.2	51	18	4.6	.00	.00	.00	.00	.00
9	60	.00	.00	11	43	19	3.8	.00	.00	.00	.00	.00
10	43	.00	.00	23	39	26	3.2	.00	.00	.00	.00	.00
11	22	.00	.00	24	44	27	2.7	.00	.00	.00	.00	.00
12	11	.00	.00	19	45	22	2.4	.00	.00	.00	.00	.00
13	7.1	.00	.00	13	38	17	2.0	.00	.00	.00	.00	.00
14	5.2	.00	.00	11	30	32	1.6	.00	.00	.00	.00	.00
15	3.9	.00	.00	20	25	52	1.5	.00	.00	.00	.00	.00
16	3.0	.00	.00	38	23	46	1.7	.00	.00	.00	.00	.00
17	2.3	.00	.00	33	23	30	1.7	.00	.00	.00	.00	.00
18	1.8	.00	.00	43	45	22	1.4	.00	.00	7.6	.00	.00
19	1.6	.00	.00	81	60	20	1.1	.00	.00	18	.00	.00
20	1.4	.00	.00	61	51	17	.90	.00	.00	11	.00	.00
21	1.3	.00	.00	41	37	14	.74	.00	.00	21	.00	.00
22	.99	.00	.00	28	27	12	.56	.00	.00	11	3.8	.00
23	.84	.00	.00	34	22	11	.42	.00	.00	5.9	2.5	.00
24	.50	.00	.00	96	20	9.4	.33	.00	.00	3.1	1.6	.00
25	.37	.00	.00	118	20	8.4	.26	.00	.00	2.8	.94	.00
0.5	0.4	0.0	1 0	0.4	1.0	0 0	0.0	0.0	0.0	0.0	4.6	0.0
26	. 24	.00	1.0	94	19	8.8	. 28	.00	.00	20	.46	.00
27	.17	.00	1.9	64	18	8.7	.22	.00	.00	36	.26	.93
28	.12	.00	4.5	45	24	8.3	.12	.00	.00	27	.16	12
29	.08	.00	3.3	35		7.4	.08	.00	.00	9.7	.03	5.5
30	.05	.00	3.2	31		6.4	.07	.00	.00	4.7	.00	4.2
31	.03		3.8	30		5.9		.00		2.4	.00	

TOTAL MEAN MAX MIN CFSM IN.	323.79 10.4 60 .03 .21 .24	0.03 .001 .02 .00 .00	17.70 .57 4.5 .00 .01	118 3.2 .75	1310 46.8 105 18 .95	657.3 21.2 52 5.9 .43 .50	116.28 3.88 20 .07 .08 .09	0.14 .005 .06 .00 .00	0.00 .000 .00 .00	180.20 5.81 36 .00 .12 .14	12.78 .41 3.8 .00 .01	22.63 .75 12 .00 .02		
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1983 - 1999, BY WATER YEAR (WY)														
MEAN MAX (WY) MIN (WY)	25.8 212 1995 .000 1984	35.7 212 1998 .000 1985	70.3 406 1998 .000 1985		132 285 1998 10.2 1985	142 315 1998 16.1 1985	58.4 188 1998 3.88 1999	21.9 141 1984 .000 1986	17.2 92.3 1995 .000 1985	15.5 84.1 1994 .000 1986	19.1 215 1994 .000 1986	8.36 60.5 1994 .000 1984		
SUMMARY STATISTICS			FOI	FOR 1998 CALENDAR YEAR			FOR 1999 WATER YEAR				WATER YEARS 1983 - 1999			
ANNUAL TOTAL ANNUAL MEAN HIGHEST ANNUAL MEAN LOWEST ANNUAL MEAN				31916.0 87.4			3779.65 10.4			54.9 142 4.71		1998 1985		
HIGHEST DAILY MEAN LOWEST DAILY MEAN ANNUAL SEVEN-DAY MINIMUM INSTANTANEOUS PEAK FLOW INSTANTANEOUS PEAK STAGE ANNUAL RUNOFF (CFSM) ANNUAL RUNOFF (INCHES) 10 PERCENT EXCEEDS 50 PERCENT EXCEEDS 90 PERCENT EXCEEDS			3040 .0 .0 1.7 24.1 228 1.6	00 Jun 3 00 Jun 11		118 .00 .00 128 6.06 .21 2.86 35 .08	Nov 3 Nov 3 Jan 25 Jan 25		3040 .00 .00 4980 11.82 1.11 15.14 157 6.6 .00	Mar Jun Jul Mar Mar	9 1998 2 1983 17 1983 9 1998 9 1998			

STATISTICS COMPUTED BY: sjones DATE: 09/14/2000 AT: 11:25:34