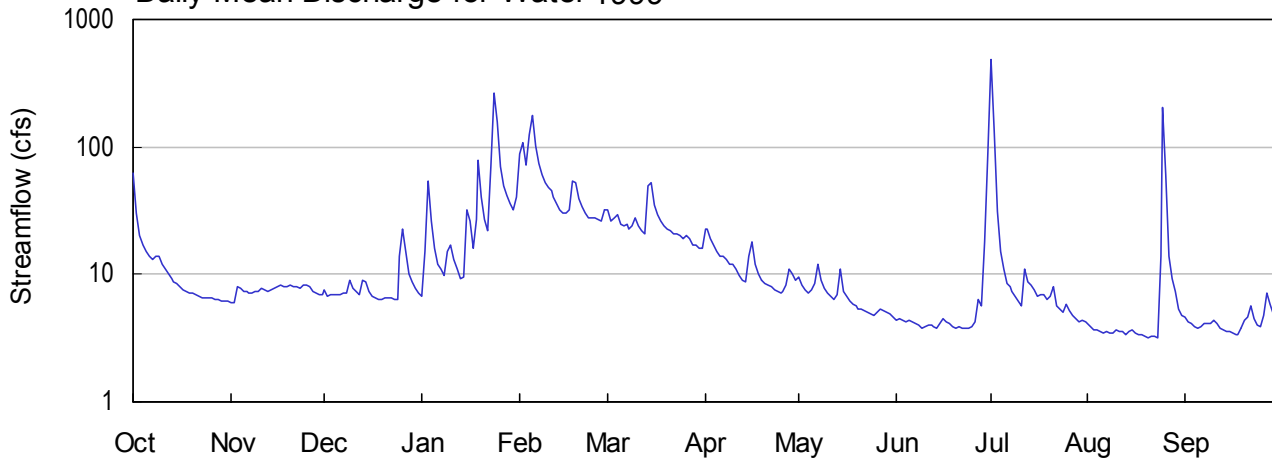


APALACHICOLA RIVER BASIN
TURKEY CREEK AT BYROMVILLE, GA.

02349900

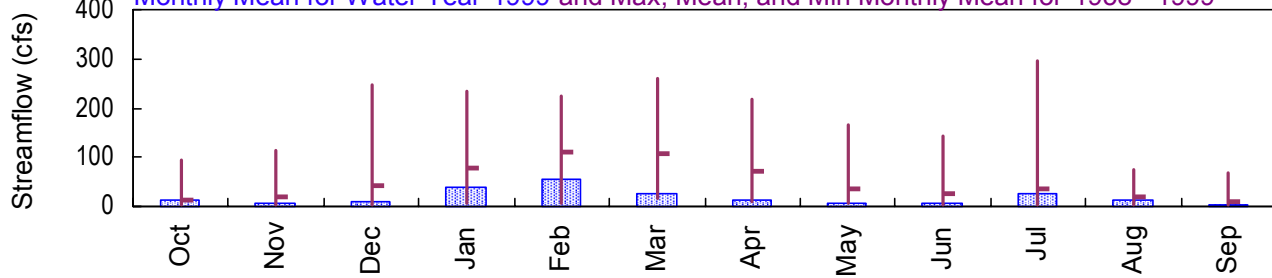
Latitude: 32° 11' 44" Longitude: 83° 54' 03" Hydrologic Unit Code: 03130006 Dooly County
Drainage Area: 45.00 mi² Datum: 286.0 feet Period of Record: 1958 - 1999

Daily Mean Discharge for Water 1999

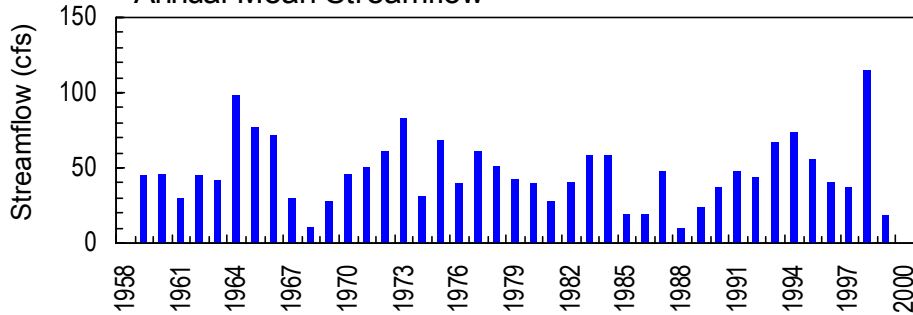


Monthly Statistics

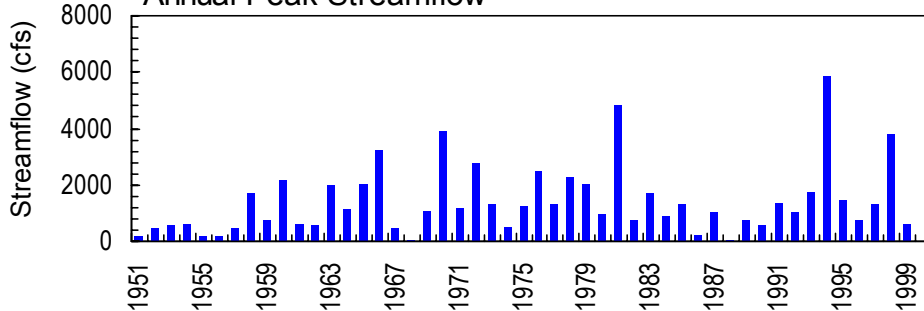
Monthly Mean for Water Year 1999 and Max, Mean, and Min Monthly Mean for 1958 - 1999



Annual Mean Streamflow



Annual Peak Streamflow



USGS
science for a changing world

02349900 - Turkey Creek at Byromville, GA

APALACHICOLA RIVER BASIN
1999 Water Year

02349900 TURKEY CREEK AT BYROMVILLE, GA

LOCATION.--Lat 32°11'44", long 83°54'03", Dooly County, Hydrologic Unit 03130006, on downstream side of bridge pier on State Highway 90, 0.5 miles southwest of Byromville, 1.1 miles downstream from Rogers Branch, and 11 miles upstream from mouth.

DRAINAGE AREA.--45 mi², approximately.

PERIOD OF RECORD.--Water years 1951-58 (annual maximum), June 1958 to current year.

REVISED RECORDS.--WDR GA-90-1: 1967, 1969, WDR GA-92-1: 1968.

GAGE.--Water-stage recorder. Elevation of gage is 286 feet above sea level (from topographic map). Prior to June 19, 1958, crest-stage gage at site 50 feet upstream at same datum.

REMARKS.--Records good to fair.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 400 ft³/s and maximum (*):

DATE	TIME	DISCHARGE (ft ³ /s)	GAGE HEIGHT (ft)
Jul. 1	1200	650*	10.09*

STATION NUMBER 02349900 TURKEY CREEK AT BYROMVILLE, GA. STREAM SOURCE AGENCY USGS
 LATITUDE 321144 LONGITUDE 0835403 DRAINAGE AREA 45.00 DATUM 286.00 STATE 13 COUNTY 093

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	62	6.0	7.5	6.8	87	32	23	9.4	4.4	483	4.1	4.6
2	30	6.0	6.8	15	108	26	23	8.3	4.5	132	3.9	4.3
3	20	8.0	6.9	54	72	28	19	7.6	4.4	31	3.7	4.1
4	17	7.8	6.9	26	126	29	17	7.2	4.3	15	3.7	3.9
5	15	7.3	6.9	16	177	25	15	7.5	4.4	11	3.6	3.8
6	14	7.4	6.9	12	103	24	14	8.4	4.3	8.5	3.5	3.9
7	13	7.1	7.1	11	74	25	14	12	4.1	7.9	3.6	4.1
8	14	7.2	7.2	9.9	61	23	13	9.0	4.0	7.3	3.5	4.1
9	14	7.3	8.9	15	53	24	12	7.8	3.8	6.8	3.5	4.1
10	12	7.4	7.8	17	48	28	12	7.1	3.9	6.2	3.7	4.4
11	11	7.8	7.3	13	45	24	11	6.8	4.0	5.7	3.6	4.1
12	10	7.6	6.9	11	41	22	9.9	6.3	4.0	11	3.6	3.8
13	9.2	7.4	8.9	9.3	36	21	9.0	7.0	3.9	8.7	3.4	3.7
14	8.7	7.5	8.8	9.4	32	49	8.7	11	3.8	8.2	3.6	3.6
15	8.5	7.7	7.3	32	30	52	14	7.4	4.1	7.5	3.7	3.6
16	7.9	7.9	6.8	26	30	35	18	6.7	4.5	6.8	3.5	3.5
17	7.5	8.2	6.5	16	32	29	12	6.1	4.3	7.0	3.4	3.4
18	7.4	8.0	6.3	27	54	26	10	5.8	4.1	7.0	3.4	3.4
19	7.2	8.0	6.3	78	53	24	9.1	5.6	3.9	6.4	3.3	3.8
20	7.2	8.2	6.5	40	39	23	8.6	5.4	3.8	6.7	3.2	4.4
21	7.0	8.0	6.5	27	34	22	8.2	5.3	3.9	8.1	3.3	4.6
22	6.8	8.0	6.6	22	30	21	7.9	5.2	3.8	5.7	3.3	5.7
23	6.5	7.7	6.3	70	28	21	7.5	5.1	3.8	5.3	3.2	4.5
24	6.5	8.3	6.3	264	28	20	7.3	4.9	3.8	5.0	14	4.0
25	6.6	8.3	14	158	28	19	7.2	4.8	3.9	5.9	206	3.9
26	6.5	8.1	23	70	27	20	7.4	5.0	4.2	5.2	60	4.7
27	6.3	7.4	15	50	26	19	8.2	5.4	6.4	4.7	14	7.1
28	6.3	7.2	10	42	32	17	11	5.2	5.6	4.5	9.2	5.9
29	6.2	7.0	8.7	36	---	17	10	5.0	18	4.3	7.3	4.9
30	6.1	7.0	7.8	32	---	16	9.1	4.9	87	4.4	5.4	4.4
31	6.1	---	7.1	41	---	16	---	4.6	---	4.2	4.8	---

TOTAL	366.5	226.8	255.8	1256.4	1534	777	356.1	207.8	222.9	841.0	402.0	128.3
MEAN	11.8	7.56	8.25	40.5	54.8	25.1	11.9	6.70	7.43	27.1	13.0	4.28
MAX	62	8.3	23	264	177	52	23	12	87	483	206	7.1
MIN	6.1	6.0	6.3	6.8	26	16	7.2	4.6	3.8	4.2	3.2	3.4
CFSM	.26	.17	.18	.90	1.22	.56	.26	.15	.17	.60	.29	.10
IN.	.30	.19	.21	1.04	1.27	.64	.29	.17	.18	.70	.33	.11

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1958 - 1999, BY WATER YEAR (WY)

MEAN	12.4	18.5	40.8	78.7	112	107	71.0	34.2	26.4	35.9	20.6	11.2
MAX	95.1	115	248	235	223	260	218	166	142	297	76.3	69.8
(WY)	1995	1998	1998	1964	1983	1966	1998	1976	1973	1994	1969	1998
MIN	3.45	4.16	3.96	5.29	7.74	15.6	10.6	5.45	3.69	2.62	3.36	2.86
(WY)	1969	1989	1989	1989	1989	1989	1968	1988	1988	1988	1988	1990

SUMMARY STATISTICS FOR 1998 CALENDAR YEAR FOR 1999 WATER YEAR WATER YEARS 1958 - 1999

ANNUAL TOTAL	30903.7	6574.6	
ANNUAL MEAN	84.7	18.0	47.1
HIGHEST ANNUAL MEAN			115 1998
LOWEST ANNUAL MEAN			9.87 1988
HIGHEST DAILY MEAN	2210 Mar 9	483 Jul 1	3900 Jul 6 1994
LOWEST DAILY MEAN	4.1 Aug 31	3.2 Aug 20	2.0 Oct 5 1968
ANNUAL SEVEN-DAY MINIMUM	4.3 Aug 27	3.3 Aug 17	2.1 Jul 10 1986
INSTANTANEOUS PEAK FLOW		650 Jul 1	5820 Jul 6 1994
INSTANTANEOUS PEAK STAGE		10.09 Jul 1	14.29 Jul 6 1994
INSTANTANEOUS LOW FLOW		3.1 Aug 20	1.9 Oct 5 1968
ANNUAL RUNOFF (CFSM)	1.88	.40	1.05
ANNUAL RUNOFF (INCHES)	25.55	5.44	14.21
10 PERCENT EXCEEDS	194	34	111
50 PERCENT EXCEEDS	20	7.6	15
90 PERCENT EXCEEDS	6.3	3.9	4.8

STATISTICS COMPUTED BY: sjones

DATE: 10/24/2000 AT: 16:40:14