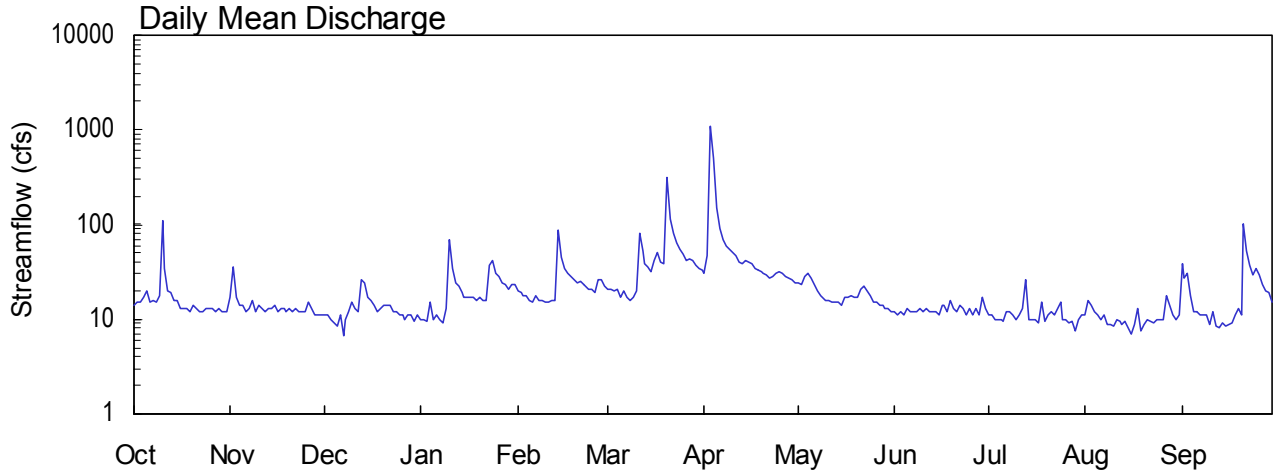
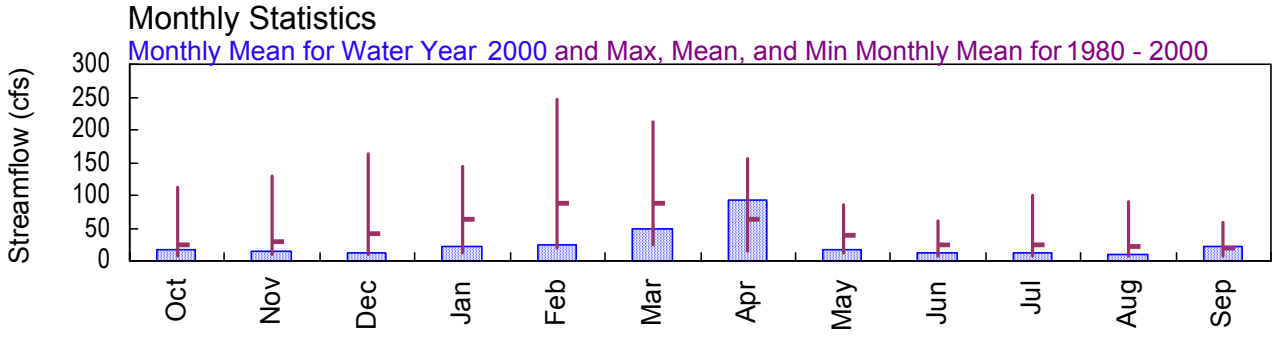
MOBILE RIVER BASIN

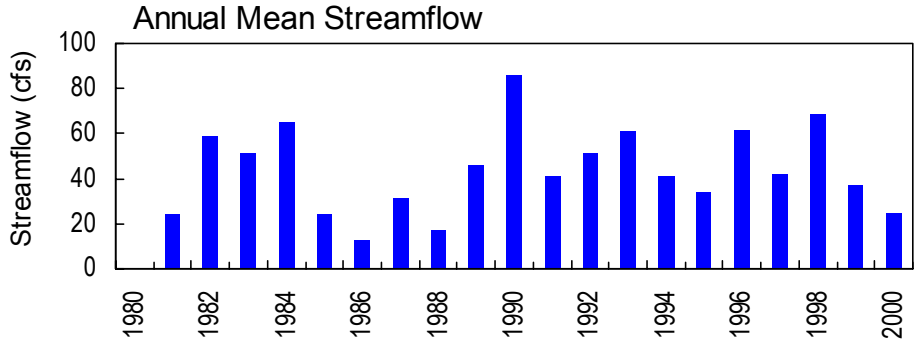
2000 Water Year

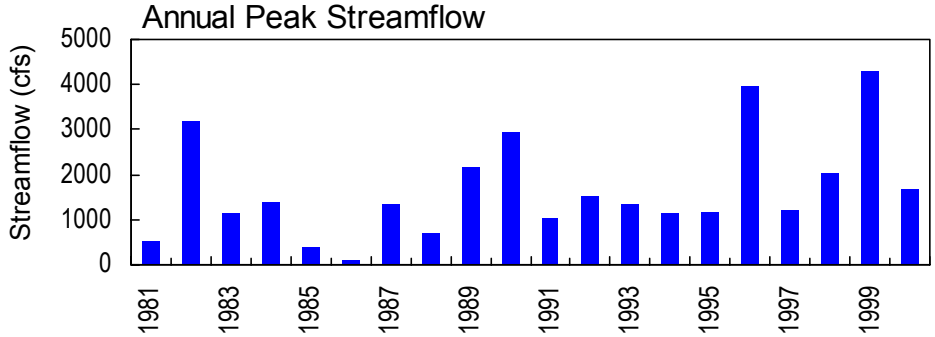
02395120 TWO RUN CREEK NEAR KINGSTON, GA

Latitude: 34°14'34" Longitude: 84°53'23" Hydrologic Unit Code: 03150104 Bartow County
Drainage Area: 33.1 mi^2 Datum: 723.1 feet Period of Record: 1980 - 2000









02395120 TWO RUN CREEK
NEAR KINGSTON, GA

MOBILE RIVER BASIN
2000 Water Year

02395120 TWO RUN CREEK NEAR KINGSTON, GA

LOCATION.--Lat 34°14'34", long 84°53'23", Bartow County, Hydrologic Unit 03150104, on right bank 200 feet upstream from bridge on State Highway 293, 1.9 miles upstream from Lime kiln Branch, and 3.0 miles east of Kingston.

DRAINAGE AREA.--33.1 mi^2.

WATER-DISCHARGE RECORD

PERIOD OF RECORD.--May 1980 to current year.

GAGE.--Water-stage recorder. Datum of gage is 723.10 feet above sea level (leveling by Global Positioning System equipment).

REMARKS.--Records good to fair.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 500 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE HEIGHT (ft)
Mar. 20	0600	639	4.88
Apr. 3	0830	1,680*	6.61*

STATION NUMBER 02395120 TWO RUN CREEK NEAR KINGSTON, GA STREAM SOURCE AGENCY USGS
LATITUDE 341434 LONGITUDE 0845323 DRAINAGE AREA 33.10 DATUM 723.10 STATE 13 COUNTY 015

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	14	17	11	9.8	20	21	31	e24	12	11	11	38
2	15	36	11	9.8	19	21	46	e23	11	11	16	27
3	15	17	10	9.7	18	20	1090	e28	12	10	14	31
4	17	14	9.0	15	18	21	e500	e30	11	10	12	18
5	20	14	8.5	10	16	17	e150	e27	13	10	11	12
6	15	12	11	11	15	20	e90	e23	12	9.6	9.9	12
7	16	13	6.6	10	18	17	e70	e20	12	12	11	11
8	15	16	9.9	9.1	16	16	e60	e18	12	12	8.7	11
9	18	12	12	13	16	17	e54	17	13	11	8.8	11
10	112	14	15	70	15	20	e50	16	12	10	8.6	8.8
11	35	13	13	34	15	82	e46	16	13	11	10	12
12	20	12	12	24	16	52	e40	15	12	13	9.5	8.6
13	19	13	26	22	16	39	e38	15	12	26	8.8	8.1
14	16	13	24	19	87	36	e41	15	12	10	9.5	9.2
15	16	14	17	17	45	32	e40	14	11	10	8.3	8.4
16	13	12	16	17	35	41	e38	17	14	9.9	7.1	8.7
17	13	13	14	17	30	51	e35	17	14	9.2	8.7	9.0
18	13	13	12	17	28	40	e33	18	12	15	13	11
19	12	12	13	16	26	39	e32	17	16	9.7	7.4	13
20	14	13	14	17	24	312	e30	17	13	11	8.9	11
21	13	12	14	16	25	115	e29	21	12	12	10	101
22	12	13	14	16	23	80	e27	22	14	11	9.4	52
23	12	12	12	37	22	63	e28	20	13	13	9.1	37
24	13	12	12	42	21	54	e30	18	11	15	10	29
25	13	12	11	31	21	48	e32	15	13	10	10	35
26	13	15	11	28	19	42	e30	15	11	10	10	29
27	12	13	10	24	26	44	e28	14	13	9.0	18	23
28	13	11	11	23	26	41	e27	14	11	9.4	14	20
29	12	11	11	21	22	37	e26	13	17	7.5	11	19
30	12	11	9.5	23	---	35	e24	13	13	9.8	10	15
31	12	---	11	23	---	33	---	12	---	11	11	---
TOTAL	565	415	391.5	651.4	698	1506	2795	564	377	349.1	324.7	638.8
MEAN	18.2	13.8	12.6	21.0	24.1	48.6	93.2	18.2	12.6	11.3	10.5	21.3
MAX	112	36	26	70	87	312	1090	30	17	26	18	101
MIN	12	11	6.6	9.1	15	16	24	12	11	7.5	7.1	8.1
CFSM	.55	.42	.38	.63	.73	1.47	2.81	.55	.38	.34	.32	.64
IN.	.63	.47	.44	.73	.78	1.69	3.14	.63	.42	.39	.36	.72

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

MEAN	24.5	29.1	42.4	64.2	88.2	88.9	64.3	39.5	24.6	23.8	21.2	18.9
MAX	112	129	164	144	247	213	156	84.9	60.2	98.9	90.9	57.9
(WY)	1990	1993	1984	1996	1990	1990	1982	1984	1989	1999	1992	1989
MIN	7.25	9.28	8.93	11.5	18.9	24.9	15.4	11.4	7.97	8.27	7.72	8.39
(WY)	1988	1988	1989	1981	1986	1988	1986	1986	1988	1986	1988	1986

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1980 - 2000	
ANNUAL TOTAL	12937.5		9275.5			
ANNUAL MEAN	35.4		25.3		43.9	
HIGHEST ANNUAL MEAN					86.2	1990
LOWEST ANNUAL MEAN					12.9	1986
HIGHEST DAILY MEAN	1640	Jul 12	1090	Apr 3	1840	Jan 27 1996
LOWEST DAILY MEAN	6.3	Aug 22	6.6	Dec 7	4.5	Oct 12 1988
ANNUAL SEVEN-DAY MINIMUM	8.1	Aug 16	8.8	Aug 10	5.2	Oct 7 1988
MAXIMUM PEAK FLOW			1680	Apr 3	4300	Jul 12 1999
MAXIMUM PEAK STAGE			6.61	Apr 3	8.65	Jul 12 1999
ANNUAL RUNOFF (CFSM)	1.07		.77		1.33	
ANNUAL RUNOFF (INCHES)	14.54		10.42		18.03	
10 PERCENT EXCEEDS	61		38		83	
50 PERCENT EXCEEDS	20		14		23	
90 PERCENT EXCEEDS	11		9.9		10	

STATISTICS COMPUTED BY: kerestes DATE: 10/11/2001 AT: 14:47:30

e Estimated