

MOBILE RIVER BASIN

02384540

MILL CREEK NEAR CRANDALL, GEORGIA

Latitude: 34° 52' 19" Longitude: 84° 43' 17" Hydrologic Unit Code: 03150101

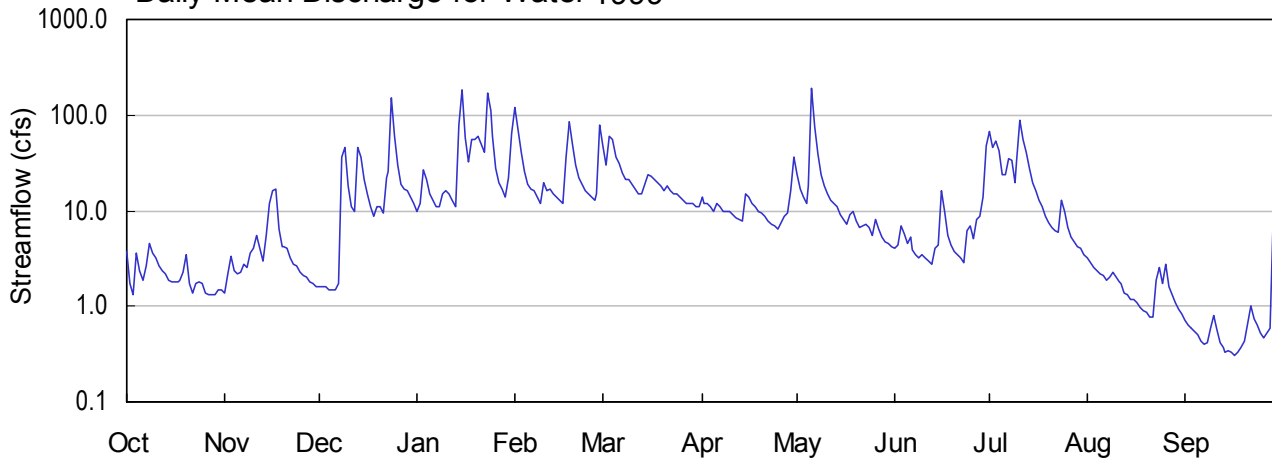
Murray County

Drainage Area: 8.27 mi²

Datum: 888.9 feet

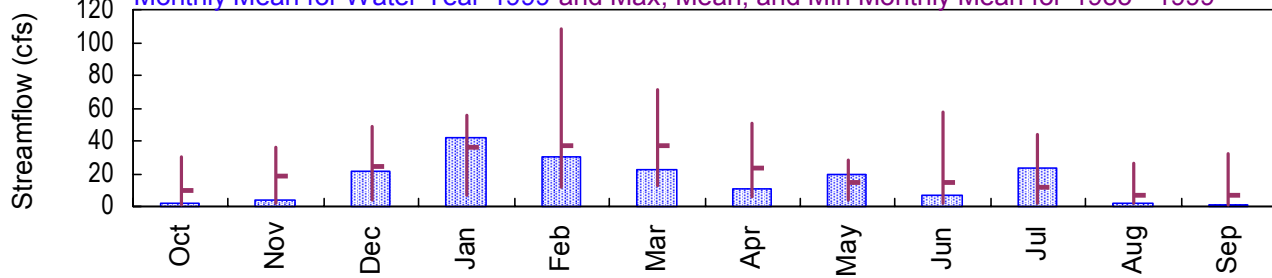
Period of Record: 1985 - 1999

Daily Mean Discharge for Water 1999

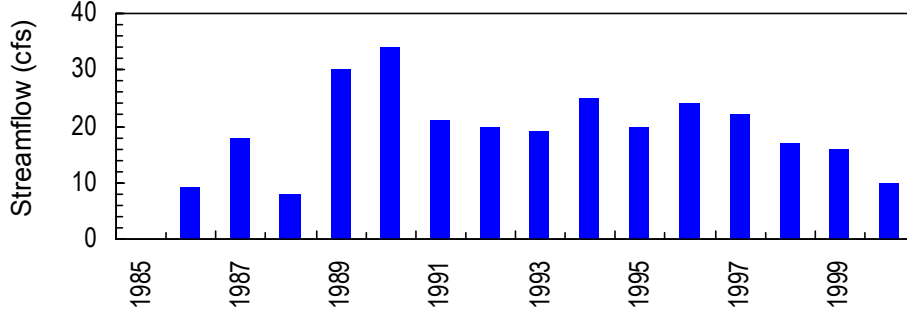


Monthly Statistics

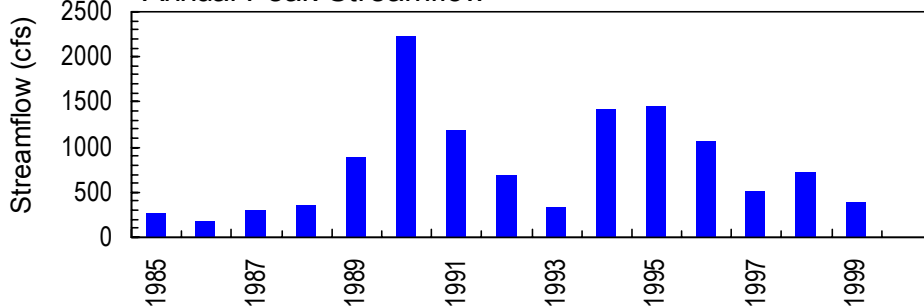
Monthly Mean for Water Year 1999 and Max, Mean, and Min Monthly Mean for 1985 - 1999



Annual Mean Streamflow



Annual Peak Streamflow



USGS
science for a changing world

02384540 - Mill Creek near Crandall, GA

**MOBILE RIVER BASIN
1999 Water Year**

02384540 MILL CREEK NEAR CRANDALL, GA

LOCATION.--Lat 34°52'19", long 84°43'17", Murray County, Hydrologic Unit 03150101, on right bank 100 feet south of Forest Service Road 630, 1.3 miles upstream from Cohorn Creek, and 1.4 miles northeast of Crandall.

DRAINAGE AREA.--8.27 mi².

PERIOD OF RECORD.--January 1985 to current year.

GAGE.--Water-stage recorder. Datum of gage is 888.98 feet above sea level.

REMARKS.--Records good, except for those periods of estimated daily discharges, which are fair.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 300 ft³/s and maximum (*):

DATE	TIME	DISCHARGE (ft ³ /s)	GAGE HEIGHT (ft)
Jan. 15	0015	393*	3.76*
May 6	0830	328	3.55

STATION NUMBER 02384540 MILL CREEK NEAR CRANDALL, GEORGIA STREAM SOURCE AGENCY USGS
 LATITUDE 345219 LONGITUDE 0844317 DRAINAGE AREA 8.27 DATUM 888.98 STATE 13 COUNTY 213

PROVISIONAL DATA

SUBJECT TO REVISION

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	3.7	e1.4	1.6	10	120	48	14	24	4.1	68	3.2	.71
2	1.7	e2.2	1.6	12	70	30	12	17	4.4	45	2.9	.64
3	e1.3	e3.3	1.6	27	41	60	12	14	6.9	54	2.5	.59
4	e3.6	e2.4	1.5	21	26	55	11	12	5.7	42	2.4	.54
5	e2.4	e2.2	1.5	15	19	37	10	18	4.5	24	2.2	.50
6	e1.9	e2.3	1.5	13	17	31	12	190	5.3	24	2.1	.44
7	e2.6	e2.8	1.7	11	16	25	11	77	3.9	35	1.9	.40
8	e4.5	e2.5	37	11	14	21	10	39	3.5	34	2.0	.42
9	e3.6	e3.6	46	15	12	21	10	24	3.2	20	2.3	.60
10	e3.2	e4.0	18	16	20	19	9.9	18	3.4	34	2.0	.79
11	e2.6	5.5	11	15	16	17	9.2	15	3.2	87	1.8	.57
12	e2.4	e4.0	10	13	17	15	8.4	13	3.0	56	1.7	.42
13	e2.2	e3.0	46	11	15	15	8.0	12	2.7	41	1.4	.37
14	e1.9	5.5	36	80	14	19	7.9	11	4.1	28	1.3	.33
15	e1.8	12	21	184	13	24	15	9.2	4.3	20	1.2	.34
16	e1.8	16	15	58	12	23	14	8.1	16	16	1.2	.33
17	e1.8	17	11	33	37	21	12	7.2	9.8	13	1.1	.30
18	e1.9	6.4	8.7	56	86	20	11	9.1	5.6	11	.98	.33
19	e2.3	4.2	11	56	49	18	9.8	10	4.4	8.7	.90	.37
20	e3.4	4.2	11	60	30	16	9.4	7.7	3.7	7.6	.85	.44
21	e1.7	4.0	9.4	49	22	18	8.6	6.7	3.4	6.8	.78	.67
22	e1.4	3.2	22	41	19	16	7.8	6.9	3.2	6.2	.78	1.0
23	e1.7	2.8	26	170	16	15	7.1	7.2	2.9	5.9	1.9	.75
24	e1.8	2.6	150	110	15	15	6.9	6.6	6.2	13	2.5	.64
25	e1.7	2.3	61	60	14	14	6.4	5.6	6.9	10	1.7	.52
26	e1.4	2.1	30	28	13	13	7.5	8.1	5.1	6.6	2.8	.47
27	e1.3	2.0	19	20	15	12	8.7	6.4	8.2	5.3	1.6	.52
28	e1.3	1.8	17	17	78	12	9.6	5.3	8.9	4.7	1.3	.59
29	e1.3	1.7	16	14	---	12	16	4.8	14	4.2	1.1	9.1
30	e1.5	1.6	14	22	---	11	36	4.5	47	4.0	.93	4.7
31	e1.5	---	12	64	---	11	---	4.2	---	3.5	.83	---

TOTAL	67.2	128.6	669.1	1312	836	684	331.2	601.6	207.5	738.5	52.15	28.39
MEAN	2.17	4.29	21.6	42.3	29.9	22.1	11.0	19.4	6.92	23.8	1.68	.95
MAX	4.5	17	150	184	120	60	36	190	47	87	3.2	9.1
MIN	1.3	1.4	1.5	10	12	11	6.4	4.2	2.7	3.5	.78	.30
CFSM	.26	.52	2.61	5.12	3.61	2.67	1.33	2.35	.84	2.88	.20	.11
IN.	.30	.58	3.01	5.90	3.76	3.08	1.49	2.71	.93	3.32	.23	.13

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 1999, BY WATER YEAR (WY)

MEAN	9.43	18.5	24.0	35.7	37.2	36.6	23.9	14.5	14.4	11.7	7.19	7.13
MAX	30.0	35.9	48.3	55.5	108	71.6	50.8	28.0	57.3	43.6	25.9	32.0
(WY)	1990	1990	1992	1996	1990	1990	1994	1997	1989	1990	1994	1989
MIN	1.26	1.52	3.95	7.30	11.8	12.5	5.91	3.48	1.49	1.75	1.68	.95
(WY)	1988	1988	1988	1986	1988	1988	1986	1986	1988	1986	1999	1999

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR	FOR 1999 WATER YEAR	WATER YEARS 1985 - 1999
ANNUAL TOTAL	6325.41	5656.24	
ANNUAL MEAN	17.3	15.5	20.2
HIGHEST ANNUAL MEAN			34.3
LOWEST ANNUAL MEAN			8.37
HIGHEST DAILY MEAN	364 Apr 19	190 May 6	970 Feb 16 1990
LOWEST DAILY MEAN	.75 Jul 22	.30 Sep 17	.30 Sep 17 1999
ANNUAL SEVEN-DAY MINIMUM	.96 Jul 16	.34 Sep 13	.34 Sep 13 1999
INSTANTANEOUS PEAK FLOW		393 Jan 15	2240 Feb 16 1990
INSTANTANEOUS PEAK STAGE		3.76 Jan 15	6.96 Feb 16 1990
ANNUAL RUNOFF (CFSM)	2.10	1.87	2.44
ANNUAL RUNOFF (INCHES)	28.45	25.44	33.22
10 PERCENT EXCEEDS	40	38	43
50 PERCENT EXCEEDS	7.4	8.6	11
90 PERCENT EXCEEDS	1.6	1.1	1.9

STATISTICS COMPUTED BY: cgsomer

DATE: 08/10/2000 AT: 12:44:55

e Estimated