

TENNESSEE RIVER BASIN

03568933

LOOKOUT CREEK NEAR NEW ENGLAND, GA.

Latitude: 34° 53' 51" Longitude: 85° 27' 47" Hydrologic Unit Code: 06020001

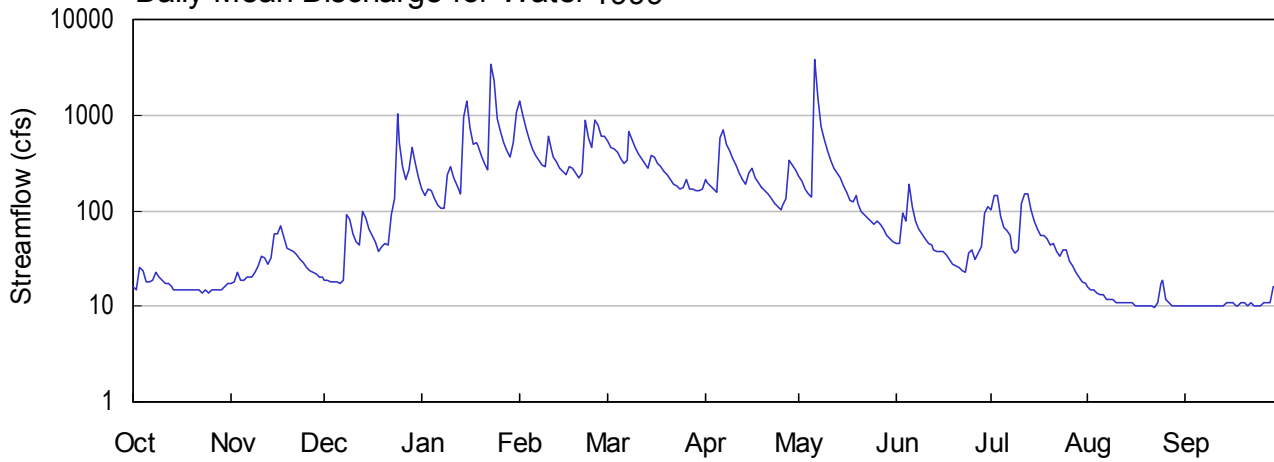
Dade County

Drainage Area: 149.00 mi²

Datum: 663.8 feet

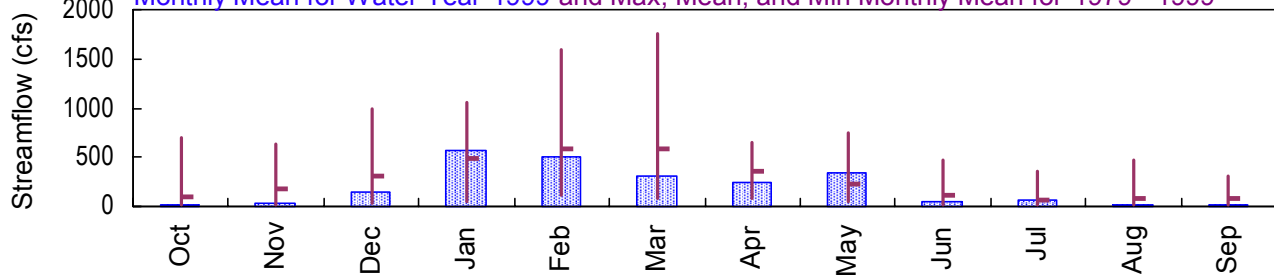
Period of Record: 1979 - 1999

Daily Mean Discharge for Water 1999

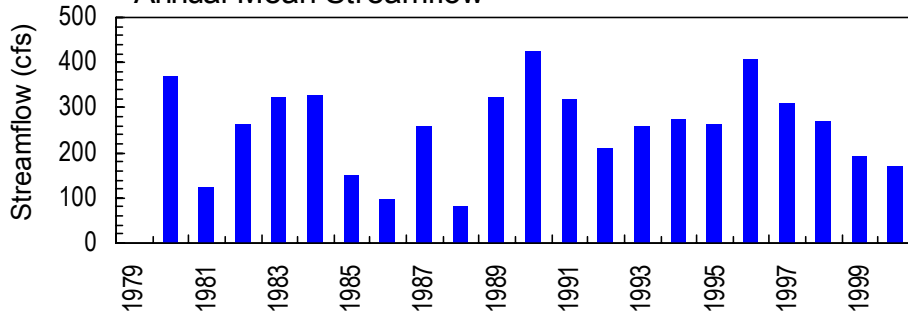


Monthly Statistics

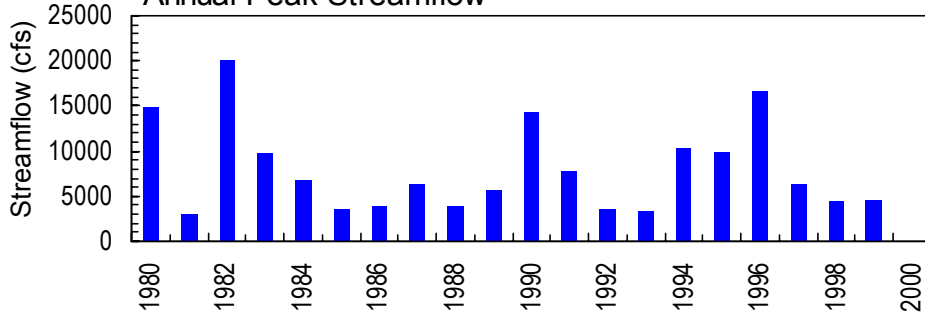
Monthly Mean for Water Year 1999 and Max, Mean, and Min Monthly Mean for 1979 - 1999



Annual Mean Streamflow



Annual Peak Streamflow



**TENNESSEE RIVER BASIN
1999 Water Year**

03568933 LOOKOUT CREEK NEAR NEW ENGLAND, GA

LOCATION.--Lat 34°53'51", long 85°27'47", Dade County, Hydrologic Unit 06020001, at bridge on county road 2214, 0.4 miles downstream of Squirrel Town Creek, 2.2 miles southeast of New England, and at mile 16.3.

DRAINAGE AREA.--149 mi².

PERIOD OF RECORD.--August 1979 to current year.

GAGE.--Water-stage recorder. Datum of gage is 663.80 feet above sea level (levels by Tennessee Valley Authority). From Aug. 30, 1979 to Oct. 4, 1988, located at site 200 feet downstream at same datum.

REMARKS.--Records good, except those periods of estimated daily discharges, which are fair. Daily water-temperature data for November 1980 to September 1984 published in reports of U.S. Geological Survey.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 3,000 ft³/s and maximum (*):

DATE	TIME	DISCHARGE (ft ³ /s)	GAGE HEIGHT (ft)
Jan. 23	1400	4,590*	14.05*
May 6	1030	4,260	13.81

STATION NUMBER 03568933 LOOKOUT CREEK NEAR NEW ENGLAND, GA. STREAM SOURCE AGENCY USGS
 LATITUDE 345351 LONGITUDE 0852747 DRAINAGE AREA 149.00 DATUM 663.80 STATE 13 COUNTY 083
 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	16	17	19	169	1380	542	e210	233	45	103	16	10
2	15	18	19	143	975	452	e195	201	45	144	15	10
3	25	23	18	167	715	441	181	171	96	145	15	10
4	24	19	18	160	554	401	169	148	79	88	14	10
5	18	19	18	131	442	349	156	137	186	66	13	10
6	18	20	17	114	377	310	575	3840	109	61	13	10
7	19	20	19	105	339	334	692	1530	78	54	12	10
8	23	20	92	108	299	673	501	759	65	41	12	10
9	20	23	80	242	285	548	421	552	57	36	12	10
10	19	26	57	289	596	455	347	419	51	39	11	10
11	17	33	47	219	429	398	296	335	46	120	11	10
12	17	32	43	180	364	352	247	279	43	148	11	10
13	16	28	97	150	322	307	215	244	39	149	11	10
14	15	32	85	955	283	274	192	218	37	101	11	11
15	15	58	65	1390	257	377	251	182	37	77	11	11
16	15	57	54	717	237	364	282	153	37	65	10	11
17	15	70	47	501	285	309	221	130	34	54	10	10
18	15	53	38	521	274	285	193	123	31	55	10	10
19	15	40	42	470	244	259	173	147	28	50	10	11
20	15	39	45	374	220	234	165	117	26	44	10	11
21	15	37	44	313	251	210	149	99	25	45	10	10
22	15	34	92	269	888	190	134	90	24	37	9.9	11
23	14	31	132	3410	585	180	121	85	23	33	11	10
24	15	29	1040	2300	459	169	111	78	36	39	17	10
25	14	25	516	918	898	176	101	71	39	39	19	10
26	15	24	293	662	778	216	113	79	31	30	12	11
27	15	23	213	515	601	e170	131	72	36	26	11	11
28	15	22	264	422	603	e170	337	63	42	23	10	11
29	15	20	465	363	---	e165	303	56	94	20	10	16
30	16	20	306	515	---	e160	266	51	110	18	10	16
31	17	---	220	1060	---	e170	---	48	---	17	10	---

TOTAL	518	912	4505	17852	13940	9640	7448	10710	1629	1967	367.9	321
MEAN	16.7	30.4	145	576	498	311	248	345	54.3	63.5	11.9	10.7
MAX	25	70	1040	3410	1380	673	692	3840	186	149	19	16
MIN	14	17	17	105	220	160	101	48	23	17	9.9	10
CFSM	.11	.20	.98	3.86	3.34	2.09	1.67	2.32	.36	.43	.08	.07
IN.	.13	.23	1.12	4.46	3.48	2.41	1.86	2.67	.41	.49	.09	.08

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1979 - 1999, BY WATER YEAR (WY)

MEAN	105	184	315	480	584	586	365	225	107	72.4	75.2	77.2
MAX	704	627	992	1061	1591	1755	652	751	468	361	465	311
(WY)	1996	1980	1983	1996	1990	1980	1983	1984	1989	1989	1982	1979
MIN	15.8	20.3	36.1	44.5	107	79.2	77.3	54.4	19.6	14.4	11.9	10.7
(WY)	1988	1988	1988	1981	1988	1988	1986	1988	1988	1988	1999	1999

SUMMARY STATISTICS FOR 1998 CALENDAR YEAR FOR 1999 WATER YEAR WATER YEARS 1979 - 1999

ANNUAL TOTAL	95711	69809.9	
ANNUAL MEAN	262	191	262
HIGHEST ANNUAL MEAN			424 1990
LOWEST ANNUAL MEAN			81.0 1988
HIGHEST DAILY MEAN	4040 Feb 4	3840 May 6	11900 Oct 5 1995
LOWEST DAILY MEAN	13 Aug 29	9.9 Aug 22	9.9 Aug 22 1999
ANNUAL SEVEN-DAY MINIMUM	14 Aug 25	10 Aug 16	10 Aug 16 1999
INSTANTANEOUS PEAK FLOW		4590 Jan 23	20000 Aug 17 1982
INSTANTANEOUS PEAK STAGE		14.05 Jan 23	20.73 Aug 17 1982
ANNUAL RUNOFF (CFSM)	1.76	1.28	1.76
ANNUAL RUNOFF (INCHES)	23.90	17.43	23.92
10 PERCENT EXCEEDS	629	467	591
50 PERCENT EXCEEDS	57	63	96
90 PERCENT EXCEEDS	17	11	23

STATISTICS COMPUTED BY: gabailey

DATE: 06/28/2000 AT: 15:59:48

e Estimated