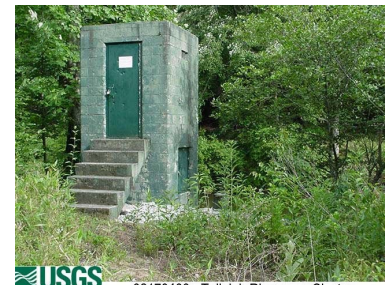
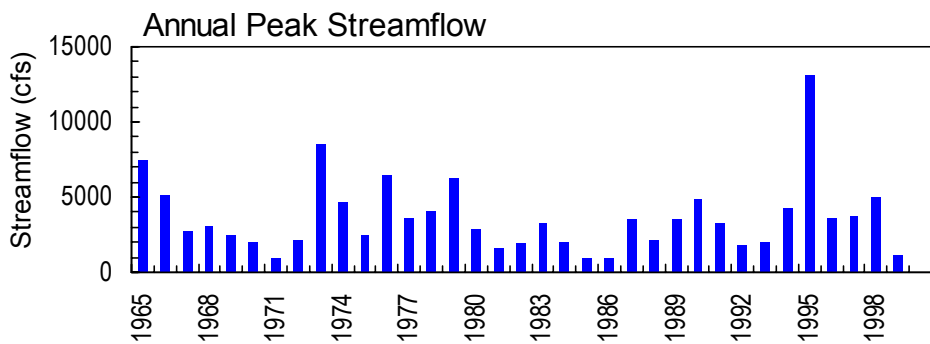
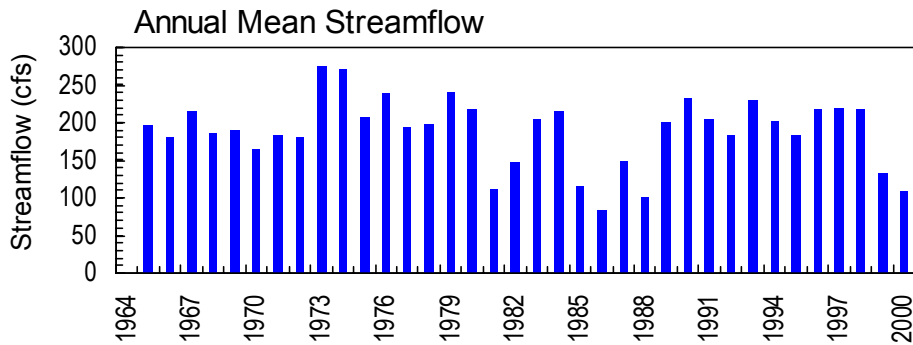
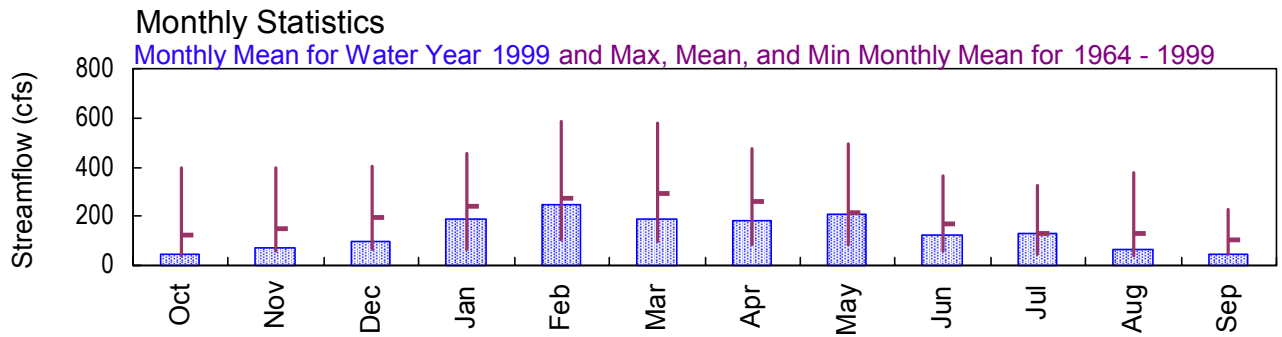
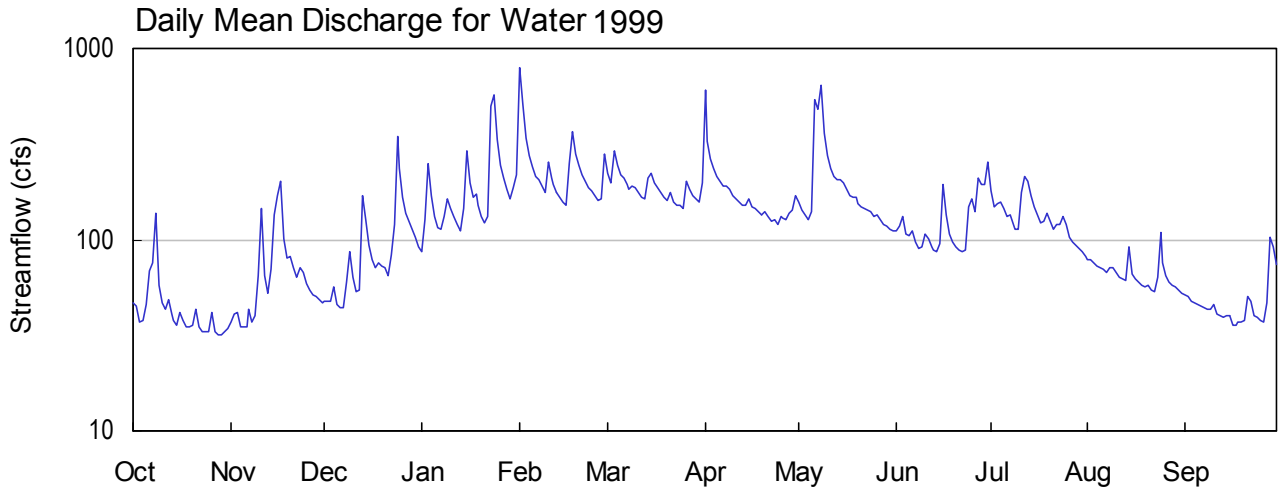


SAVANNAH RIVER BASIN
TALLULAH RIVER NEAR CLAYTON, GA.

02178400

Latitude: 34° 53' 25" Longitude: 83° 31' 50" Hydrologic Unit Code: 03060102 Rabun County
Drainage Area: 56.50 mi² Datum: 1868. feet Period of Record: 1964 - 1999



USGS science for a changing world 02178400 - Tallulah River near Clayton

**SAVANNAH RIVER BASIN
1999 Water Year**

02178400 TALLULAH RIVER NEAR CLAYTON, GA.

LOCATION.--Lat 34°53'25", long 83°31'50", Rabun County, Hydrologic Unit 03060102, on right bank 100 feet downstream from Plum Orchard Road bridge, 120 feet downstream from Persimmon Creek, 8 miles upstream from Burton Dam, and 10.3 miles west of Clayton.

DRAINAGE AREA.--56.5 mi².

PERIOD OF RECORD.--July 1964 to current year.

GAGE.--Water-stage recorder. Datum of gage is 1,868.93 feet above sea level (levels by Georgia Department of Transportation).

REMARKS.--Records good. Low flows affected by releases from private reservoirs upstream.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,200 ft³/s and maximum (*):

DATE	TIME	DISCHARGE (ft ³ /s)	GAGE HEIGHT (ft)
May 7	2145	1,150*	4.70*

No other peaks greater than base discharge

STATION NUMBER 02178400 TALLULAH RIVER NEAR CLAYTON, GA. STREAM SOURCE AGENCY USGS
 LATITUDE 345325 LONGITUDE 0833150 DRAINAGE AREA 56.50 DATUM 1868.93 STATE 13 COUNTY 241

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	47	37	48	87	797	222	601	158	111	179	79	51
2	45	41	48	128	513	199	330	144	117	149	78	50
3	37	42	48	250	340	290	265	135	132	154	75	48
4	38	35	57	169	277	244	237	128	108	158	73	47
5	46	35	46	133	239	218	215	141	105	147	72	46
6	69	35	44	115	215	212	203	541	111	131	70	45
7	76	43	44	114	206	196	191	484	97	134	68	44
8	138	37	60	133	190	183	189	642	90	128	71	43
9	58	40	87	164	177	191	183	363	91	114	71	43
10	47	65	63	145	257	188	171	277	107	114	67	46
11	43	147	53	131	211	177	165	235	101	175	64	41
12	49	65	54	121	195	168	156	214	92	216	62	40
13	41	52	171	112	178	163	152	204	88	202	61	39
14	38	70	128	146	166	208	151	207	86	169	91	40
15	36	134	93	290	158	222	163	200	96	148	66	40
16	42	171	78	198	152	199	149	182	194	134	62	36
17	38	201	71	167	252	186	145	171	136	122	60	36
18	35	101	76	174	368	176	141	168	107	124	58	37
19	35	80	73	151	279	167	135	167	98	137	57	37
20	36	81	71	132	246	160	141	155	92	126	58	38
21	43	72	65	123	219	176	133	149	89	114	55	50
22	35	64	84	131	201	158	125	146	87	121	53	48
23	33	72	119	496	187	151	128	142	88	119	64	40
24	33	67	347	572	179	150	121	141	149	132	110	39
25	33	59	234	334	169	145	131	132	165	119	76	38
26	42	54	168	246	161	201	129	136	139	103	65	37
27	33	51	137	209	164	184	127	128	211	98	60	47
28	32	50	126	185	283	171	138	121	196	93	58	103
29	32	49	114	163	---	165	144	118	194	90	57	92
30	33	47	102	187	---	156	171	114	257	87	54	74
31	34	---	92	217	---	198	---	111	---	82	52	---

TOTAL	1377	2097	3001	5923	6979	5824	5430	6354	3734	4119	2067	1415
MEAN	44.4	69.9	96.8	191	249	188	181	205	124	133	66.7	47.2
MAX	138	201	347	572	797	290	601	642	257	216	110	103
MIN	32	35	44	87	152	145	121	111	86	82	52	36
CFSM	.79	1.24	1.71	3.38	4.41	3.33	3.20	3.63	2.20	2.35	1.18	.83
IN.	.91	1.38	1.98	3.90	4.60	3.83	3.58	4.18	2.46	2.71	1.36	.93

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1964 - 1999, BY WATER YEAR (WY)

MEAN	123	151	196	243	276	294	263	216	168	127	133	107
MAX	394	398	405	456	588	579	473	495	364	328	380	230
(WY)	1965	1993	1993	1974	1990	1979	1979	1976	1989	1989	1967	1979
MIN	41.3	58.9	64.9	62.8	106	100	87.8	87.1	56.5	45.5	38.1	43.1
(WY)	1988	1982	1966	1981	1986	1988	1986	1986	1988	1986	1986	1986

SUMMARY STATISTICS FOR 1998 CALENDAR YEAR FOR 1999 WATER YEAR WATER YEARS 1964 - 1999

ANNUAL TOTAL		74834		48320								
ANNUAL MEAN		205		132						191		
HIGHEST ANNUAL MEAN										275		1973
LOWEST ANNUAL MEAN										82.9		1986
HIGHEST DAILY MEAN		2190	Jan 7		797	Feb 1			3910		Mar 4	1979
LOWEST DAILY MEAN		32	Oct 28		32	Oct 28			28		Oct 6	1986
ANNUAL SEVEN-DAY MINIMUM		34	Oct 23		34	Oct 23			29		Oct 2	1986
INSTANTANEOUS PEAK FLOW					1150	May 7			8500		May 28	1973
INSTANTANEOUS PEAK STAGE					4.70	May 7			12.00		May 28	1973
INSTANTANEOUS LOW FLOW					32	Oct 27			27		Oct 8	1986
ANNUAL RUNOFF (CFSM)		3.63			2.34				3.38			
ANNUAL RUNOFF (INCHES)		49.27			31.81				45.87			
10 PERCENT EXCEEDS		396			217				339			
50 PERCENT EXCEEDS		136			121				150			
90 PERCENT EXCEEDS		42			41				65			

STATISTICS COMPUTED BY: gabailey

DATE: 03/02/2000 AT: 13:10:52