

SATILLA RIVER BASIN

02226500

SATILLA RIVER NEAR WAYCROSS, GA.

Latitude: 31° 14' 17" Longitude: 82° 19' 29" Hydrologic Unit Code: 03070201

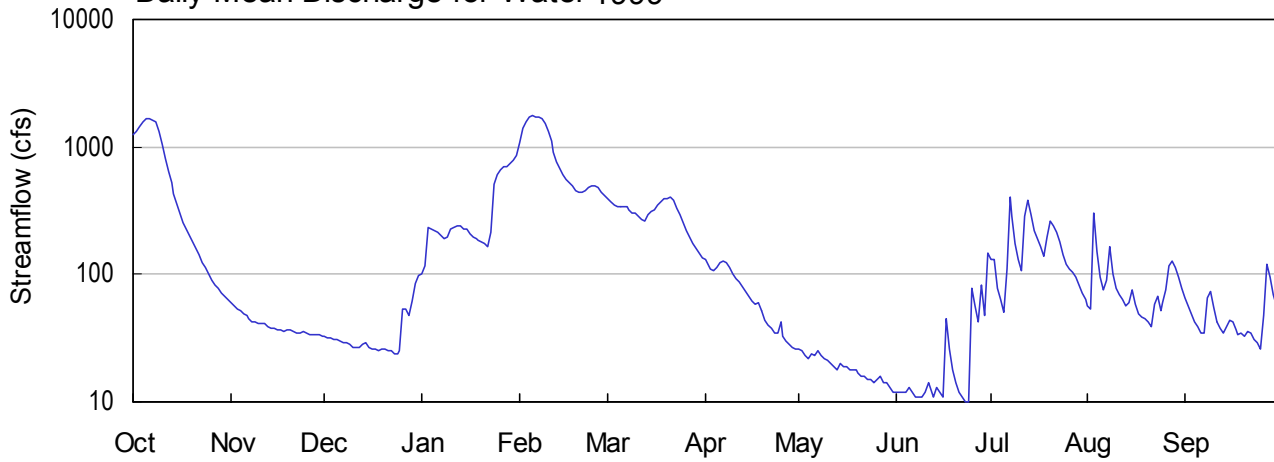
Ware County

Drainage Area: 1200.0 mi²

Datum: 66.43 feet

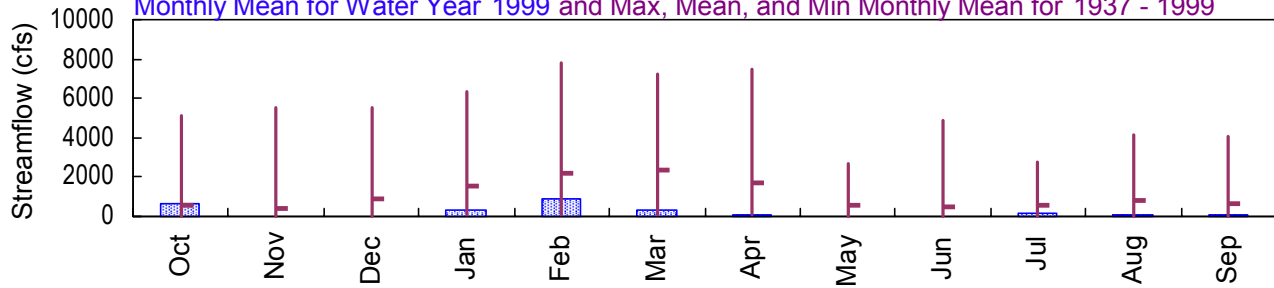
Period of Record: 1937 - 1999

Daily Mean Discharge for Water 1999

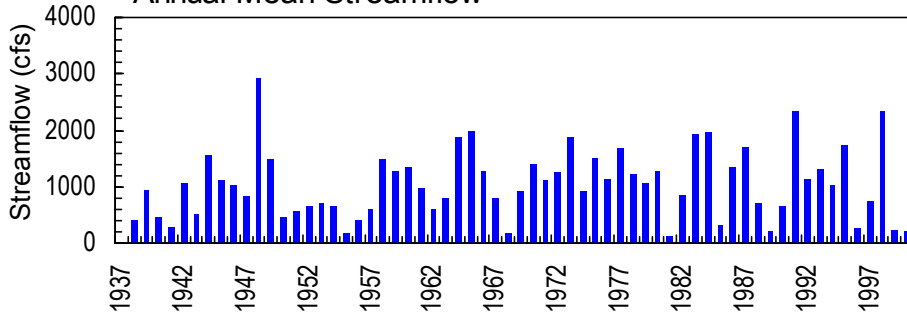


Monthly Statistics

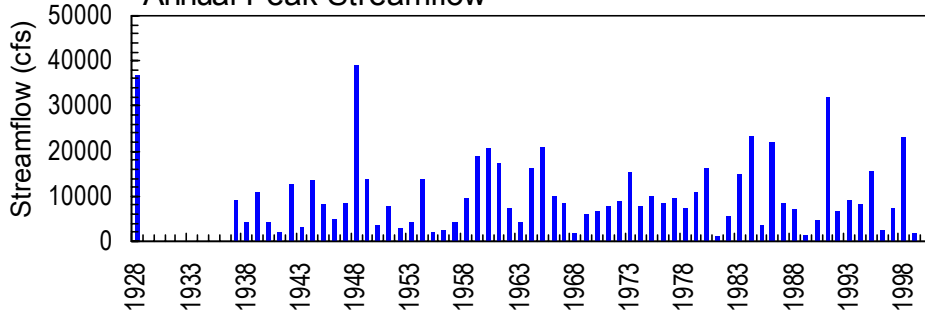
Monthly Mean for Water Year 1999 and Max, Mean, and Min Monthly Mean for 1937 - 1999



Annual Mean Streamflow



Annual Peak Streamflow



USGS
science for a changing world

02226500 - Satilla River near Waycross, GA

SATILLA RIVER BASIN
1999 Water Year

02226500 SATILLA RIVER NEAR WAYCROSS, GA

LOCATION.--Lat 31°14'17", long 82°19'29", Ware-Pierce County line, Hydrologic Unit 03070201, on downstream side of pier near center span of bridge on State Highway 38, 3 miles northeast of Waycross, and 16 miles upstream from Alabaha River.

DRAINAGE AREA.--1,200 mi², approximately.

PERIOD OF RECORD.--April 1937 to current year.

REVISED RECORDS.--WSP 952: 1939. WSP 1624: Drainage area. WDR GA-87- 1: 1986.

GAGE.--Water-stage recorder. Datum of gage is 66.43 feet above sea level. Prior to Nov. 22, 1952, non-recording gage located at site 300 feet downstream at same datum.

REMARKS.--Records good. Records of chemical analyses for the water years 1968-73 are published in reports of the U.S. Geological Survey.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage known since at least 1862, that of Apr. 4, 1948.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 2,700 ft³/s and maximum (*):

DATE	TIME	DISCHARGE (ft ³ /s)	GAGE HEIGHT (ft)
Feb. 5	1000	1,750*	12.23*

No other peaks greater than base discharge

STATION NUMBER 02226500 SATILLA RIVER NEAR WAYCROSS, GA. STREAM SOURCE AGENCY USGS
 LATITUDE 311417 LONGITUDE 0821929 DRAINAGE AREA 1200.00 DATUM 66.43 STATE 13 COUNTY 299

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	1240	60	33	100	1080	397	131	26	12	132	57	65
2	1310	57	32	116	1420	366	122	25	12	132	53	56
3	1450	54	32	233	1580	346	110	23	12	77	301	49
4	1560	52	31	228	1700	337	107	22	12	63	152	43
5	1670	49	31	218	1750	340	114	24	13	51	94	39
6	1660	47	30	217	1730	343	125	23	12	109	75	35
7	1640	45	29	203	1710	336	127	25	11	402	90	35
8	1560	43	29	188	1660	319	122	23	11	287	166	65
9	1340	42	28	195	1540	307	112	22	11	176	100	73
10	1040	41	27	226	1330	299	101	21	12	132	77	55
11	805	41	27	236	1100	284	93	20	14	106	70	43
12	646	41	27	238	905	271	87	19	12	286	63	38
13	521	39	28	239	770	263	79	18	11	380	57	35
14	425	38	29	227	675	293	73	20	13	297	60	39
15	355	38	27	227	609	309	67	19	12	222	75	44
16	301	37	26	210	555	321	61	19	11	191	59	42
17	258	37	26	196	519	353	59	18	45	167	49	37
18	226	36	25	189	497	376	60	18	26	139	46	34
19	201	37	26	186	460	391	52	18	18	199	45	35
20	179	37	26	182	435	398	44	17	14	262	42	33
21	161	36	25	175	438	403	40	16	12	242	39	36
22	142	35	25	163	456	379	38	16	11	217	59	35
23	125	35	24	214	474	334	35	15	10	181	67	31
24	112	36	24	508	493	290	35	15	10	142	52	29
25	101	35	25	600	494	252	43	14	77	120	60	26
26	91	34	53	661	475	223	33	15	56	111	76	47
27	83	34	54	692	441	196	30	16	42	103	117	121
28	77	34	48	700	422	175	28	14	82	94	127	95
29	72	34	62	732	---	159	27	14	47	83	113	70
30	67	33	85	785	---	145	26	13	147	72	95	56
31	64	---	98	846	---	133	---	12	---	64	78	---

TOTAL	19482	1217	1092	10130	25718	9338	2181	580	788	5239	2614	1441
MEAN	628	40.6	35.2	327	918	301	72.7	18.7	26.3	169	84.3	48.0
MAX	1670	60	98	846	1750	403	131	26	147	402	301	121
MIN	64	33	24	100	422	133	26	12	10	51	39	26
CFSM	.52	.03	.03	.27	.77	.25	.06	.02	.02	.14	.07	.04
IN.	.60	.04	.03	.31	.80	.29	.07	.02	.02	.16	.08	.04

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1937 - 1999, BY WATER YEAR (WY)

MEAN	568	370	895	1516	2184	2376	1743	605	454	605	784	657
MAX	5135	5516	5551	6302	7789	7218	7487	2675	4838	2778	4128	4047
(WY)	1948	1948	1965	1987	1986	1959	1948	1964	1973	1963	1971	1949
MIN	7.52	9.13	17.6	48.3	74.4	91.1	68.4	18.7	21.0	10.1	12.4	7.34
(WY)	1955	1955	1955	1981	1989	1955	1938	1999	1954	1990	1954	1990

SUMMARY STATISTICS FOR 1998 CALENDAR YEAR FOR 1999 WATER YEAR WATER YEARS 1937 - 1999

ANNUAL TOTAL	598270.9	79820	
ANNUAL MEAN	1639	219	1054
HIGHEST ANNUAL MEAN			2910
LOWEST ANNUAL MEAN			118
HIGHEST DAILY MEAN	21800	Mar 13	1750
LOWEST DAILY MEAN	9.9	Jul 11	10
ANNUAL SEVEN-DAY MINIMUM	12	Jul 6	12
INSTANTANEOUS PEAK FLOW			1750
INSTANTANEOUS PEAK STAGE			12.23
INSTANTANEOUS LOW FLOW			9.9
ANNUAL RUNOFF (CFSM)	1.37	.18	39000
ANNUAL RUNOFF (INCHES)	18.55	2.47	5.5
10 PERCENT EXCEEDS	5460	520	5.6
50 PERCENT EXCEEDS	184	72	39000
90 PERCENT EXCEEDS	27	18	22.40

STATISTICS COMPUTED BY: rnichols

DATE: 08/31/2000 AT: 14:11:05