

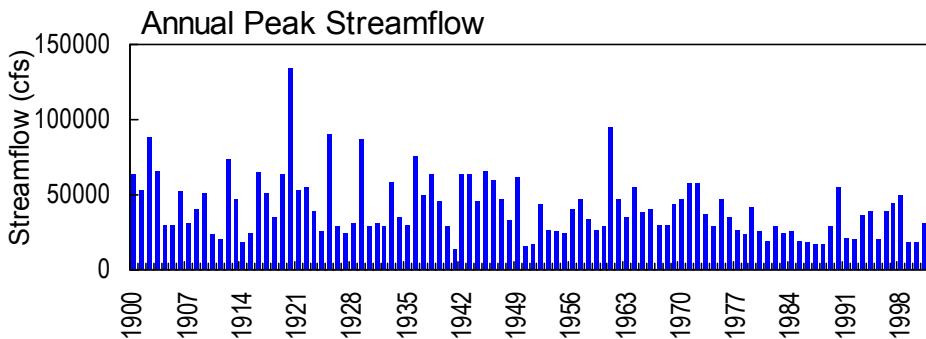
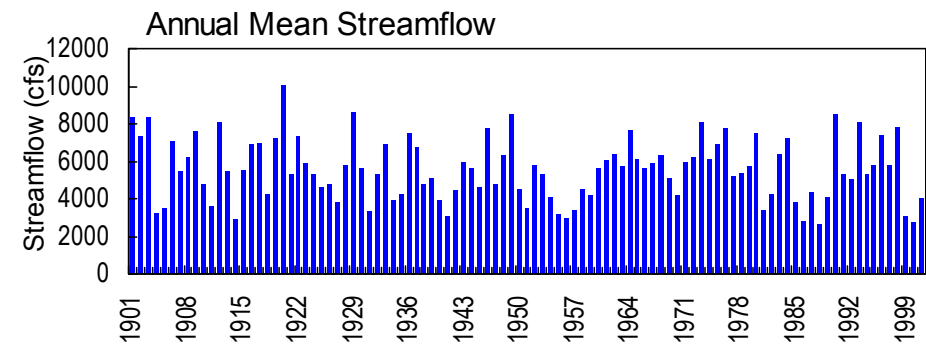
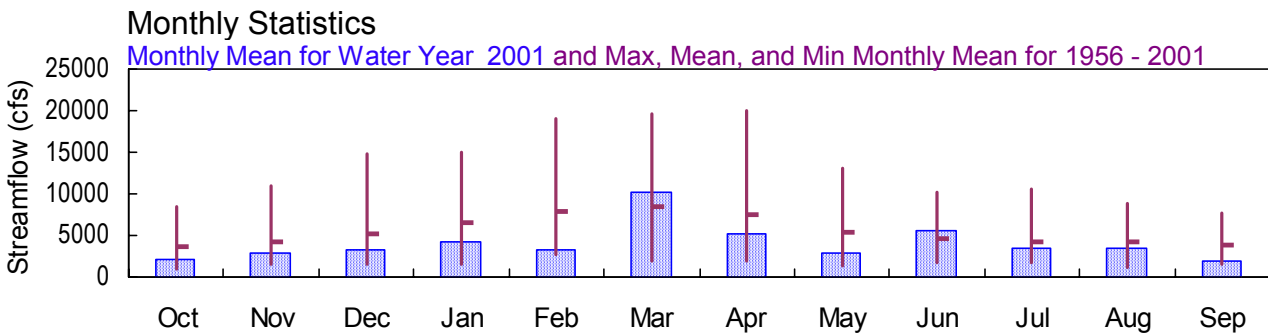
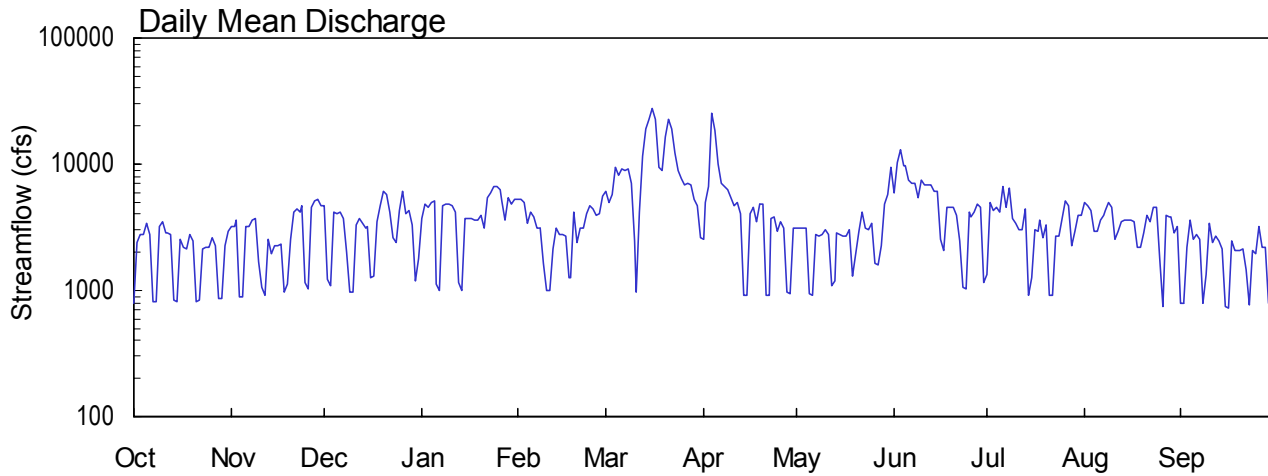


# APALACHICOLA RIVER BASIN

## 2001 Water Year

### 02339500 CHATTAHOOCHEE RIVER AT WEST POINT, GA

Latitude: 32° 53' 10" Longitude: 85° 10' 56" Hydrologic Unit Code: 03130002 Troup County  
Drainage Area: 3550 mi<sup>2</sup> Datum: 551.7 feet Period of Record: 1956 - 2001



USGS  
02339500 - Chattahoochee River at West Point, GA

**APALACHICOLA RIVER BASIN  
2001 Water Year**

**02339500 CHATTAHOOCHEE RIVER AT WEST POINT, GA**

**LOCATION.**--Lat 32°53'10", long 85°10'56", Troup County, Hydrologic Unit 03130002, on right bank just downstream from Oseligee Creek at West Point, 1.0 mile upstream from bridge on US Highway 29, 2.5 miles downstream from West Point Dam and at mile 198.9.

**DRAINAGE AREA.**--3,550 mi<sup>2</sup>, approximately.

**COOPERATION.**—U.S. Army Corps of Engineers, Mobile District.

**WATER-DISCHARGE RECORDS**

**PERIOD OF RECORD.**--August 1896 to current year.

**REVISED RECORDS.**--WSP 682: 1920, drainage area. WSP 972: 1931-32. WSP 1504: 1912, 1916-17.

**GAGE.**—Phone telemetry with a water-stage recorder. Datum of gage is 551.67 feet above sea level. Prior to October 20, 1912, a non-recording gage was located at site 0.8 miles downstream at datum 2.83 feet lower. From October 20, 1912, to January 25, 1925, a non-recording gage was located at site 500 feet upstream at present datum.

**REMARKS.**--Records fair. Flow regulated by Lake Sidney Lanier since January 1956 and by West Point Lake since October 1974.

**EXTREMES OUTSIDE PERIOD OF RECORD.**--Maximum stage known since at least 1827, that of December 10, 1919. Flood in 1886 reached a stage of 25.6 feet at former site and datum, from flood marks, by National Weather Service, discharge 92,800 ft<sup>3</sup>/s.

**WATER-STAGE RECORDS**

**PERIOD OF RECORD.**-- August 1896 to current year.

**GAGE.**—Phone telemetry with a water-stage recorder. Datum of gage is 551.67 feet above sea level. Prior to October 20, 1912, a non-recording gage was located at site 0.8 miles downstream at datum 2.83 feet lower. From October 20, 1912, to January 25, 1925, a non-recording gage was located at site 500 feet upstream at present datum.

**REMARKS.**—Records fair. Gage-height records collected at site 0.8 miles downstream since 1899 are contained in reports of National Weather Service.

**EXTREMES FOR CURRENT YEAR.**—Maximum gage-height recorded, 13.11 feet, April 4; minimum gage-height recorded, 1.96 feet, September 13.

STATION NUMBER 02339500 CHATTAHOOCHEE RIVER AT WEST POINT, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 325310 LONGITUDE 0851056 DRAINAGE AREA 3550.00 DATUM 551.67 STATE 13 COUNTY 285

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	796	3190	4720	3670	5220	6030	2540	3080	5880	1340	4980	795
2	2410	3230	1240	4800	5210	5010	5010	3150	10300	4910	4620	792
3	2750	3570	1100	4550	4920	5690	6730	3110	12900	4300	4260	2200
4	2740	879	4220	5020	3420	9540	25300	3110	9780	4540	2920	3570
5	3400	880	4050	5100	4130	8130	18500	930	9660	4180	2910	2530
6	2780	3230	4200	1140	3840	9220	9890	929	7400	6600	3620	2790
7	818	3170	3690	997	3080	8990	7140	2770	6980	4490	3940	2510
8	811	3590	2020	4630	3120	9040	6700	2730	6960	6430	4280	791
9	3170	3720	967	4810	1650	7080	6240	2740	5370	3730	4950	1320
10	3510	1680	973	4890	987	2440	5380	3030	7370	3360	4600	3440
11	2830	1060	3320	4710	1000	980	4750	2750	6820	3030	2570	2380
12	2860	913	3710	4170	2140	4130	5010	1090	6830	3030	2900	2660
13	2790	2550	3440	1150	3150	11500	4000	1180	6900	4380	3540	2440
14	847	1940	3130	988	2780	18800	909	2850	6060	906	3580	2110
15	817	2240	3200	3720	2790	22700	909	2760	6050	1280	3560	742
16	2530	2240	1260	3730	2700	27700	4080	2730	2540	3000	3560	731
17	2180	2300	1310	3760	1280	22600	4500	2720	2100	2970	3480	2470
18	2120	975	3530	3620	1270	9560	3530	3050	4580	3650	2170	2080
19	2810	1120	4720	3610	4120	9020	4800	1290	4580	2600	2180	2080
20	2500	2510	6100	3890	2420	16200	4790	1950	4600	3260	2840	2090
21	827	4150	5670	3090	3090	22400	915	2920	3880	921	3900	2120
22	831	4470	4140	5380	3090	19100	906	4120	2480	920	3520	1450
23	2150	4210	2590	5950	4030	12400	3730	3090	1050	2660	4540	764
24	2170	4650	2420	6650	4670	8890	3860	3030	1040	2680	4590	2090
25	2190	1150	4280	6670	4440	7670	2970	3360	4120	3700	1790	1950
26	2590	1020	6030	6340	3880	6800	3460	1650	3780	5080	755	3190
27	2260	4510	4100	5080	4020	7130	3120	1610	4140	4690	3880	2180
28	854	5090	4320	3650	5610	6750	959	2260	4800	2290	3870	2180
29	855	5210	3260	5500	---	5260	950	4810	4570	2950	3860	800
30	2240	4640	1190	4870	---	4670	3110	5820	1160	3950	2850	798
31	2930	---	1790	5310	---	2620	---	9300	---	3980	3210	---
TOTAL	65366	84087	100690	131445	92057	318050	154688	89919	164680	105807	108225	58043
MEAN	2109	2803	3248	4240	3288	10260	5156	2901	5489	3413	3491	1935
MAX	3510	5210	6100	6670	5610	27700	25300	9300	12900	6600	4980	3570
MIN	796	879	967	988	987	980	906	929	1040	906	755	731
CFSM	.59	.79	.91	1.19	.93	2.89	1.45	.82	1.55	.96	.98	.55
IN.	.68	.88	1.06	1.38	.96	3.33	1.62	.94	1.73	1.11	1.13	.61

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1956 - 2001, BY WATER YEAR (WY)

	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956
MEAN	3624	4312	5280	6459	7904	8500	7511	5439	4545	4286	4308	3792
MAX	8536	10950	14880	14930	18980	19540	19940	13000	10250	10560	8890	7782
(WY)	1990	1993	1993	1972	1990	1990	1964	1973	1994	1984	1984	1994
MIN	948	1601	1592	1574	2766	1921	1961	1423	1807	1672	1068	1606
(WY)	1956	1956	1956	1956	1989	1988	1988	1999	1978	1988	1956	1986

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1956 - 2001

ANNUAL TOTAL		1068133		1473057								
ANNUAL MEAN		2918		4036						5484		
HIGHEST ANNUAL MEAN										8501		1990
LOWEST ANNUAL MEAN										2644		1988
HIGHEST DAILY MEAN			17300	Apr 4		27700	Mar 16			80000	Feb 26	1961
LOWEST DAILY MEAN			793	Aug 27		731	Sep 16			516	Sep 12	1993
ANNUAL SEVEN-DAY MINIMUM			1490	Jan 7		1760	Sep 14			659	Sep 2	1957
MAXIMUM PEAK FLOW						30400	Apr 4			94400	Feb 26	1961
MAXIMUM PEAK STAGE						13.11	Apr 4			24.90	Feb 26	1961
ANNUAL RUNOFF (CFSM)		.82				1.14				1.54		
ANNUAL RUNOFF (INCHES)		11.19				15.44				20.99		
10 PERCENT EXCEEDS			4730			6810				10200		
50 PERCENT EXCEEDS			2630			3360				4350		
90 PERCENT EXCEEDS			866			984				1010		

STATISTICS COMPUTED BY: gabailey

DATE: 03/28/2002 AT: 09:27:28

STATION NUMBER 02339500 CHATTAHOOCHEE RIVER AT WEST POINT, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 325310 LONGITUDE 0851056 DRAINAGE AREA 3550.00 DATUM 551.67 STATE 13 COUNTY 285

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.14	3.33	4.10	3.61	4.33	4.70	3.12	3.39	4.63	2.56	4.17	2.13
2	2.94	3.35	2.49	4.14	4.33	4.23	4.24	3.43	6.39	4.20	4.00	2.12
3	3.11	3.53	2.41	4.03	4.19	4.54	4.99	3.40	7.50	3.90	3.83	2.84
4	3.10	2.22	3.88	4.24	3.49	6.20	11.63	3.41	6.33	3.99	3.21	3.49
5	3.42	2.22	3.79	4.28	3.82	5.63	9.50	2.40	6.28	3.82	3.19	3.00
6	3.13	3.36	3.87	2.41	3.69	6.11	6.37	2.40	5.31	4.93	3.53	3.12
7	2.16	3.33	3.63	2.33	3.33	6.02	5.21	3.25	5.11	3.97	3.67	2.98
8	2.15	3.53	2.83	4.05	3.35	6.04	5.02	3.22	5.10	4.85	3.83	2.12
9	3.34	3.61	2.30	4.15	2.64	5.16	4.73	3.23	4.38	3.64	4.15	2.46
10	3.50	2.68	2.31	4.19	2.32	3.04	4.29	3.35	5.27	3.43	3.98	3.48
11	3.19	2.35	3.45	4.10	2.33	2.32	4.14	3.24	5.05	3.29	3.02	3.00
12	3.20	2.25	3.64	3.86	2.89	3.81	4.25	2.52	5.03	3.28	3.18	3.12
13	3.16	3.07	3.52	2.42	3.38	6.97	3.80	2.59	5.07	3.90	3.48	2.91
14	2.18	2.77	3.37	2.32	3.20	9.57	2.39	3.30	4.70	2.25	3.49	2.76
15	2.16	2.90	3.41	3.63	3.20	10.88	2.39	3.24	4.69	2.45	3.48	2.07
16	3.00	2.91	2.52	3.66	3.16	12.41	3.85	3.22	3.10	3.25	3.48	2.06
17	2.85	2.95	2.56	3.66	2.54	10.81	4.05	3.21	2.88	3.23	3.43	2.93
18	2.81	2.31	3.58	3.58	2.53	6.24	3.62	3.36	4.01	3.55	2.82	2.74
19	3.15	2.42	4.10	3.60	3.83	6.03	4.18	2.57	4.01	3.06	2.82	2.74
20	3.03	3.10	4.73	3.73	3.04	8.65	4.15	2.93	4.02	3.37	3.14	2.75
21	2.17	3.84	4.54	3.36	3.34	10.80	2.39	3.36	3.68	2.26	3.65	2.77
22	2.17	3.98	3.85	4.38	3.35	9.68	2.39	3.85	3.05	2.26	3.45	2.46
23	2.83	3.86	3.12	4.66	3.78	7.31	3.67	3.39	2.37	3.09	3.95	2.09
24	2.85	4.07	3.02	4.97	4.08	5.98	3.74	3.36	2.36	3.10	3.97	2.76
25	2.85	2.42	3.89	4.98	3.96	5.44	3.39	3.50	3.80	3.57	2.63	2.71
26	3.05	2.35	4.71	4.82	3.74	5.03	3.59	2.74	3.64	4.21	2.09	3.34
27	2.90	3.99	3.83	4.22	3.78	5.18	3.42	2.71	3.81	4.04	3.62	2.83
28	2.20	4.27	3.92	3.59	4.49	5.02	2.43	2.99	4.10	2.91	3.62	2.83
29	2.20	4.33	3.46	4.45	---	4.35	2.42	4.15	4.01	3.22	3.62	2.13
30	2.89	4.06	2.48	4.16	---	4.11	3.40	4.60	2.46	3.69	3.13	2.13
31	3.21	---	2.74	4.38	---	3.15	---	6.14	---	3.70	3.31	---
MEAN	2.81	3.18	3.42	3.87	3.43	6.30	4.23	3.30	4.40	3.45	3.45	2.70
MAX	3.50	4.33	4.73	4.98	4.49	12.41	11.63	6.14	7.50	4.93	4.17	3.49
MIN	2.14	2.22	2.30	2.32	2.32	2.32	2.39	2.40	2.36	2.25	2.09	2.06