

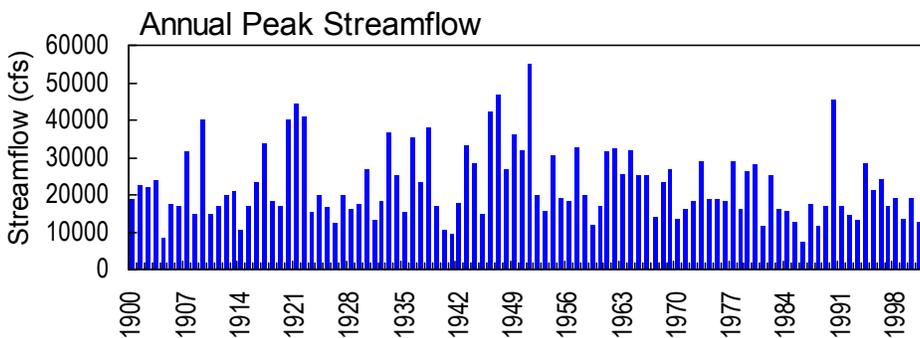
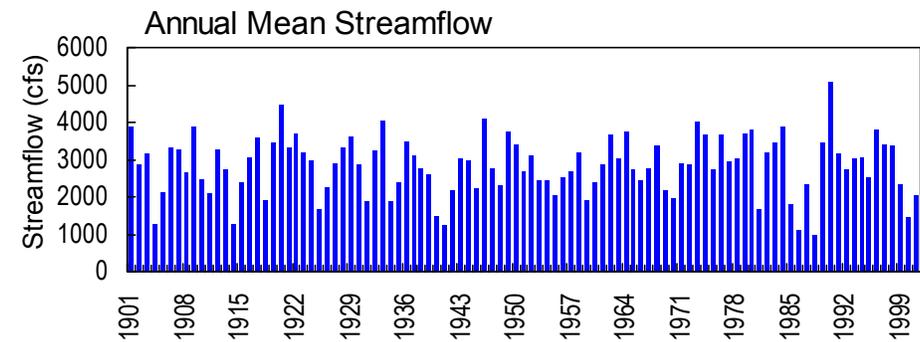
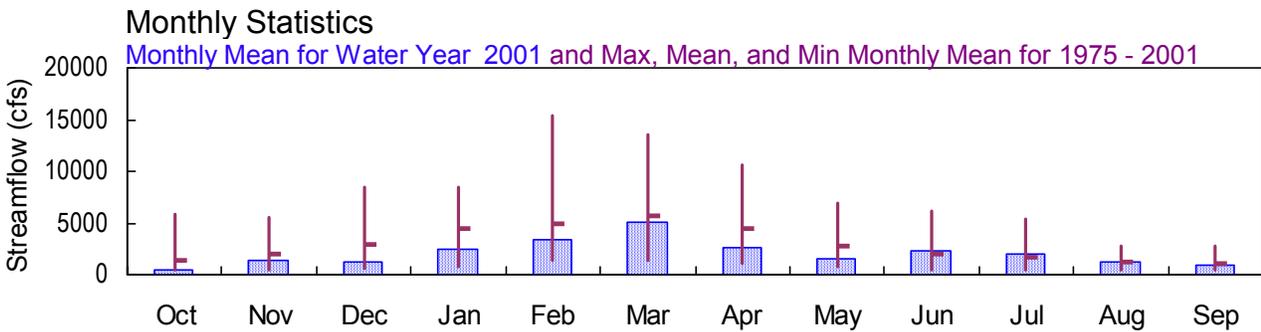
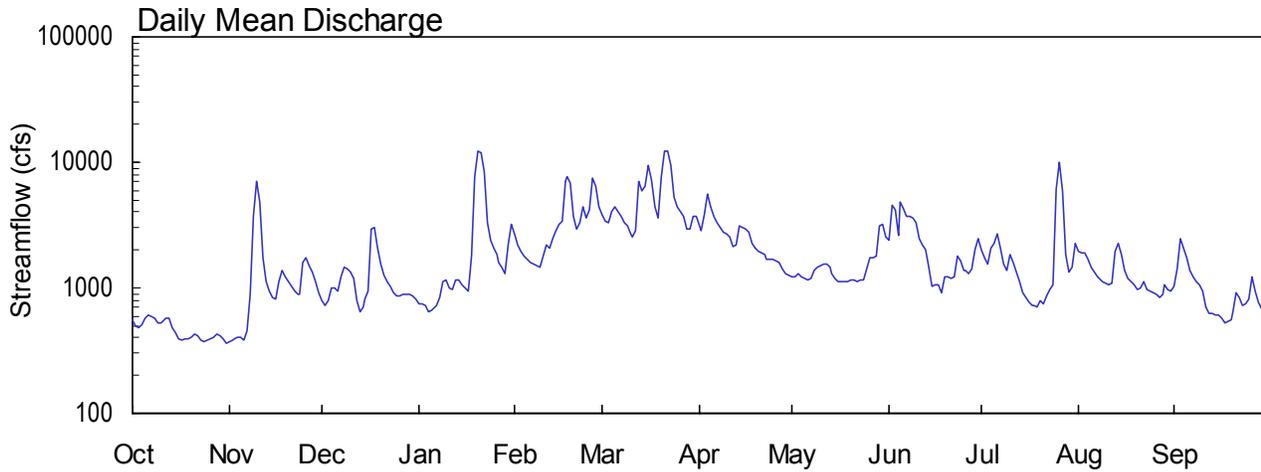


MOBILE RIVER BASIN

2001 Water Year

02387500 OOSTANAULA RIVER AT RESACA, GA

Latitude: 34° 34' 42" Longitude: 84° 56' 29" Hydrologic Unit Code: 03150103 Gordon County
Drainage Area: 1600 mi² Datum: 604.1 feet Period of Record: 1975 - 2001



USGS
02387500 - Oostanaula River at Resaca, GA - March 14, 1973

**MOBILE RIVER BASIN
2001 Water Year**

02387500 OOSTANAULA RIVER AT RESACA, GA

LOCATION.-- Lat 34°34'42", long 84°56'29", Gordon County, Hydrologic Unit 03150103, on downstream side of center pier of bridge on US 41 at Resaca, 200 feet downstream from Nashville, Chattanooga, & St. Louis Railway bridge, 0.8 miles upstream from Camp Creek, and 3.5 miles downstream from confluence of Conasauga and Coosawattee Rivers.

DRAINAGE AREA.-- 1,600 mi².

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

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.-- October 1892 to current year. Monthly discharge only for October 1892, published in WSP 1304.

REVISED RECORDS.--WSP 697: 1896-1928. WSP 1504: 1897-1903, 1905-07, 1909, 1912-13, 1914-15(M), 1916-18, 1919(M), 1920-22. 1923(M), 1924, 1927, 1929-30, 1932, 1933(M), 1936(M), 1938(M), 1946- 47(M). WDR GA-80-1: Drainage area.

GAGE.--Satellite telemetry with a water-stage recorder. ADR digital recorder was removed on April 18, 2001. Datum of gage is 604.14 feet above sea level (levels by Corps of Engineers). Since June 1, 1979, an auxiliary water-stage recorder has been located at Calhoun waterworks intake 6.5 miles downstream. From October 28, 1948, to May 31, 1979, a non-recording auxiliary gage was located at GA 136 connector 7.1 miles downstream.

REMARKS.-- Records good. Flow regulated by Carters Lake and re-regulation dam.

EXTREMES OUTSIDE PERIOD OF RECORD.-- Maximum stage known since at least 1834, 36.6 feet, April 1, 1886, from information by Georgia Department of Archives; discharge, 68,600 ft³/s.

**MOBILE RIVER BASIN
2001 Water Year**

02387500 OOSTANAULA RIVER AT RESACA, GA--continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.-- October 1892 to current year.

GAGE.--Satellite telemetry with a water-stage recorder. ADR digital recorder was removed on April 18, 2001. Datum of gage is 604.14 feet above sea level (levels by Corps of Engineers). Since June 1, 1979, an auxiliary water-stage recorder has been located at Calhoun waterworks intake 6.5 miles downstream. From October 28, 1948, to May 31, 1979, a non-recording auxiliary gage was located at GA 136 connector 7.1 miles downstream.

REMARKS.--Records good. Gage-height records collected at same site since 1892 are contained in reports of National Weather Service.

EXTREMES FOR CURRENT YEAR.--Maximum gage-height recorded, 17.77 feet, March 22; minimum gage-height recorded, 1.52 feet, October 31.

PRECIPITATION RECORDS

PERIOD OF RECORD.--June 1, 2001 to September 30, 2001.

GAGE.--Tipping-bucket raingage.

REMARKS.--Records good.

STATION NUMBER 02387500 OOSTANAULA RIVER AT RESACA, GA STREAM SOURCE AGENCY USGS
 LATITUDE 343442 LONGITUDE 0845629 DRAINAGE AREA 1602 DATUM 604.14 STATE 13 COUNTY 129

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	563	373	793	752	2690	3790	3130	1230	e2400	2030	1970	1040
2	500	387	736	741	2190	3400	2850	1230	4590	1720	1890	1430
3	480	390	802	726	1950	3260	3850	1290	4120	1550	1890	2500
4	511	411	998	652	1790	4090	5530	1220	2650	2100	1690	2070
5	583	408	1010	662	1670	4400	4460	1190	4850	2270	1480	1720
6	601	382	938	680	1610	4060	3690	1160	e4250	2700	1340	1390
7	597	451	1240	718	1550	3660	3320	1190	3710	2060	1240	1220
8	578	898	1470	838	1510	3330	3040	1370	3720	1570	1190	1140
9	532	3670	1430	1110	1460	3090	2800	1470	3590	1370	1130	1050
10	533	7030	1350	1170	1780	2730	2670	1510	3340	1840	1100	932
11	559	4790	1190	998	2220	2540	2510	1540	2480	1600	1070	696
12	569	1740	803	978	2080	2880	2130	1570	2180	1340	1090	628
13	568	1140	644	1150	2440	6950	2210	1450	2010	1110	1970	624
14	487	934	702	1150	2840	5840	3110	1290	1480	906	2230	615
15	445	838	811	1060	3170	6380	3060	1180	1020	828	1860	611
16	394	826	950	988	3390	9350	2960	1140	1060	774	1360	576
17	380	1130	2980	945	7080	7290	2770	1120	1050	729	1180	530
18	389	1360	2990	1810	7790	4360	2250	1120	908	728	1120	540
19	393	1230	2080	7630	6840	3560	2060	1140	1230	710	1050	565
20	407	1120	1560	12200	3730	7640	1970	1160	1220	796	961	651
21	424	1030	1280	11800	2980	12200	1910	1150	1190	757	990	905
22	417	936	1120	8390	3310	12200	1830	1130	1210	866	1120	841
23	380	879	1040	3290	4360	9540	1700	1150	1800	971	977	722
24	373	883	929	2420	3600	5220	1690	1170	1660	1050	931	751
25	382	1610	858	2050	4150	4370	1680	1410	1360	6130	922	825
26	388	1750	855	1820	7400	4020	1650	1750	1390	10100	897	1220
27	410	1510	894	1590	6500	3660	1580	1720	1300	e5880	846	938
28	431	1330	889	1450	4420	2970	1410	1790	1410	1840	899	768
29	421	1120	886	1290	---	2930	1310	3120	1990	1330	1050	694
30	398	919	877	2200	---	3700	1260	3190	2480	1480	978	701
31	363	---	819	3190	---	3680	---	2510	---	2260	936	---
TOTAL	14456	41475	35924	76448	96500	157090	76390	45660	67648	61395	39357	28893
MEAN	466	1382	1159	2466	3446	5067	2546	1473	2255	1980	1270	963
MAX	601	7030	2990	12200	7790	12200	5530	3190	4850	10100	2230	2500
MIN	363	373	644	652	1460	2540	1260	1120	908	710	846	530
CFSM	.29	.86	.72	1.54	2.15	3.16	1.59	.92	1.41	1.24	.79	.60
IN.	.34	.96	.83	1.78	2.24	3.65	1.77	1.06	1.57	1.43	.91	.67

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1975 - 2001, BY WATER YEAR (WY)

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	
MEAN	1410	2037	2902	4402	4856	5732	4518	2775	2009	1632	1203	1141																
MAX	5843	5560	8388	8517	15450	13530	10630	6948	6110	5327	2735	2732																
(WY)	1990	1978	1983	1982	1990	1980	1977	1984	1989	1976	1984	1975																
MIN	396	462	629	830	1435	1314	1060	751	397	452	511	449																
(WY)	1979	1988	1988	1981	2000	1988	1986	1988	1988	1988	1986	1993																

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1975 - 2001

ANNUAL TOTAL		568762		741236																									
ANNUAL MEAN		1554		2031						2875																			
HIGHEST ANNUAL MEAN										5056		1990																	
LOWEST ANNUAL MEAN										978		1988																	
HIGHEST DAILY MEAN			18600	Apr 6		12200	Jan 20		44400		Feb 18	1990																	
LOWEST DAILY MEAN			363	Oct 31		363	Oct 31		323		Sep 20	1999																	
ANNUAL SEVEN-DAY MINIMUM			388	Oct 31		388	Oct 31		352		Jun 27	1988																	
MAXIMUM PEAK FLOW						12600	Jan 20		45500		Feb 18	1990																	
MAXIMUM PEAK STAGE							17.77	Mar 22		32.59		Feb 18	1990																
ANNUAL RUNOFF (CFSM)		.97					1.27			1.79																			
ANNUAL RUNOFF (INCHES)		13.21					17.21			24.38																			
10 PERCENT EXCEEDS			2730			4100			6410																				
50 PERCENT EXCEEDS			946			1330			1760																				
90 PERCENT EXCEEDS			506			569			589																				

STATISTICS COMPUTED BY: kerestes

DATE: 04/05/2002 AT: 12:20:46

e Estimated

STATION NUMBER 02387500 OOSTANAULA RIVER AT RESACA, GA STREAM SOURCE AGENCY USGS
 LATITUDE 343442 LONGITUDE 0845629 DRAINAGE AREA 1602 DATUM 604.14 STATE 13 COUNTY 129

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	2.11	1.59	2.67	2.58	6.10	7.71	6.77	3.59	---	5.04	4.93	3.22
2	1.95	1.63	2.54	2.55	5.29	7.16	6.34	3.59	8.77	4.50	4.80	3.95
3	1.89	1.64	2.69	2.51	4.89	6.95	7.72	3.71	8.11	4.18	4.80	5.80
4	1.98	1.70	3.12	2.33	4.62	8.12	9.97	3.57	6.02	5.14	4.45	5.10
5	2.16	1.69	3.14	2.36	4.41	8.53	8.62	3.51	9.12	5.42	4.05	4.49
6	2.21	1.62	2.99	2.40	4.30	8.08	7.57	3.44	---	6.11	3.80	3.89
7	2.20	1.81	3.58	2.49	4.18	7.52	7.04	3.51	7.60	5.08	3.61	3.58
8	2.15	2.85	4.03	2.77	4.11	7.06	6.63	3.85	7.61	4.23	3.50	3.42
9	2.03	7.25	3.95	3.34	4.01	6.71	6.26	4.04	7.43	3.85	3.40	3.23
10	2.03	11.75	3.82	3.46	4.59	6.16	6.06	4.11	7.06	4.68	3.34	2.98
11	2.10	8.98	3.51	3.12	5.35	5.86	5.82	4.16	5.77	4.27	3.27	2.44
12	2.13	4.51	2.68	3.08	5.12	6.35	5.20	4.22	5.29	3.80	3.30	2.28
13	2.12	3.40	2.32	3.44	5.70	11.64	5.34	4.00	5.01	3.34	4.92	2.27
14	1.91	2.99	2.46	3.42	6.32	10.32	6.72	3.71	4.05	2.92	5.36	2.24
15	1.80	2.77	2.71	3.24	6.83	10.93	6.66	3.48	3.16	2.75	4.74	2.23
16	1.65	2.75	3.02	3.10	7.14	14.28	6.50	3.41	3.24	2.63	3.84	2.14
17	1.61	3.38	6.48	3.01	11.77	12.01	6.22	3.37	3.23	2.52	3.49	2.03
18	1.64	3.83	6.55	4.53	12.60	8.48	5.41	3.36	2.93	2.52	3.37	2.05
19	1.65	3.60	5.12	12.30	11.51	7.38	5.08	3.41	3.59	2.47	3.22	2.12
20	1.69	3.36	4.20	17.11	7.61	12.21	4.94	3.46	3.56	2.68	3.04	2.33
21	1.74	3.18	3.68	16.71	6.54	17.47	4.83	3.44	3.52	2.59	3.10	2.92
22	1.72	2.99	3.38	13.19	7.01	17.28	4.69	3.38	3.55	2.84	3.38	2.78
23	1.61	2.86	3.20	6.98	8.48	14.43	4.46	3.42	4.63	3.06	3.08	2.50
24	1.59	2.87	2.98	5.67	7.43	9.59	4.44	3.46	4.38	3.22	2.98	2.57
25	1.62	4.29	2.82	5.07	8.14	8.50	4.43	3.92	3.84	10.25	2.96	2.74
26	1.63	4.54	2.81	4.66	12.17	8.02	4.37	4.54	3.89	15.01	2.91	3.56
27	1.70	4.11	2.90	4.27	11.12	7.52	4.23	4.50	3.73	---	2.79	2.99
28	1.76	3.77	2.89	4.00	8.55	6.53	3.93	4.60	3.93	4.69	2.91	2.61
29	1.73	3.37	2.88	3.71	---	6.46	3.74	6.74	4.95	3.77	3.24	2.44
30	1.66	2.95	2.86	5.28	---	7.58	3.65	6.85	5.77	4.05	3.08	2.45
31	1.56	---	2.73	6.85	---	7.56	---	5.80	---	5.41	2.99	---
MEAN	1.85	3.60	3.38	5.15	7.00	9.17	5.79	4.00	---	---	3.63	2.98
MAX	2.21	11.75	6.55	17.11	12.60	17.47	9.97	6.85	---	---	5.36	5.80
MIN	1.56	1.59	2.32	2.33	4.01	5.86	3.65	3.36	---	---	2.79	2.03

STATION NUMBER 02387500 OOSTANAULA RIVER AT RESACA, GA STREAM SOURCE AGENCY USGS
 LATITUDE 343442 LONGITUDE 0845629 DRAINAGE AREA 1602 DATUM 604.14 STATE 13 COUNTY 129

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
 DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	.00	.00	.03	.25
2	---	---	---	---	---	---	---	---	.00	.00	.01	.61
3	---	---	---	---	---	---	---	---	.11	.71	.07	.97
4	---	---	---	---	---	---	---	---	.34	.52	.00	.00
5	---	---	---	---	---	---	---	---	---	.17	.02	.00
6	---	---	---	---	---	---	---	---	---	.00	.00	.00
7	---	---	---	---	---	---	---	---	.26	.00	.00	.00
8	---	---	---	---	---	---	---	---	.06	.00	.00	.00
9	---	---	---	---	---	---	---	---	.00	.59	.00	.00
10	---	---	---	---	---	---	---	---	.00	.01	.00	.00
11	---	---	---	---	---	---	---	---	.00	.00	.61	.00
12	---	---	---	---	---	---	---	---	.00	.00	.63	.00
13	---	---	---	---	---	---	---	---	.00	.00	.56	.00
14	---	---	---	---	---	---	---	---	.00	.00	.00	.00
15	---	---	---	---	---	---	---	---	.17	.00	.00	.00
16	---	---	---	---	---	---	---	---	.00	.00	.00	.00
17	---	---	---	---	---	---	---	---	.00	.00	.02	.00
18	---	---	---	---	---	---	---	---	.00	.00	.00	.00
19	---	---	---	---	---	---	---	---	.00	.26	.00	.42
20	---	---	---	---	---	---	---	---	.00	2.52	.00	.01
21	---	---	---	---	---	---	---	---	.00	.00	.00	.00
22	---	---	---	---	---	---	---	---	.63	.00	.00	.00
23	---	---	---	---	---	---	---	---	.00	.99	.00	.00
24	---	---	---	---	---	---	---	---	.00	.05	.00	1.60
25	---	---	---	---	---	---	---	---	.04	1.72	.00	.00
26	---	---	---	---	---	---	---	---	.00	.01	.00	.00
27	---	---	---	---	---	---	---	---	.02	.01	.01	.00
28	---	---	---	---	---	---	---	---	1.00	.02	.00	.00
29	---	---	---	---	---	---	---	---	.58	.25	.00	.00
30	---	---	---	---	---	---	---	---	.11	.00	.04	.00
31	---	---	---	---	---	---	---	---	---	.00	.38	---
TOTAL	---	---	---	---	---	---	---	---	---	7.83	2.38	3.86