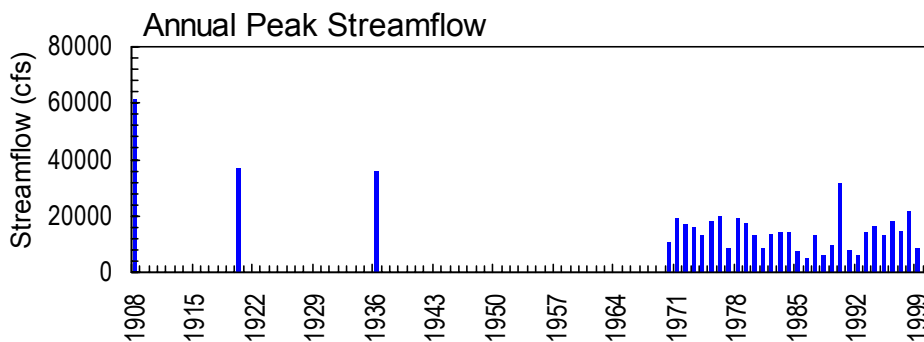
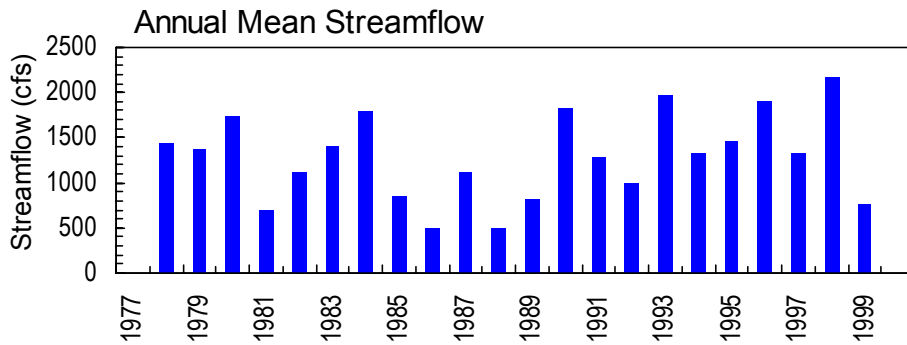
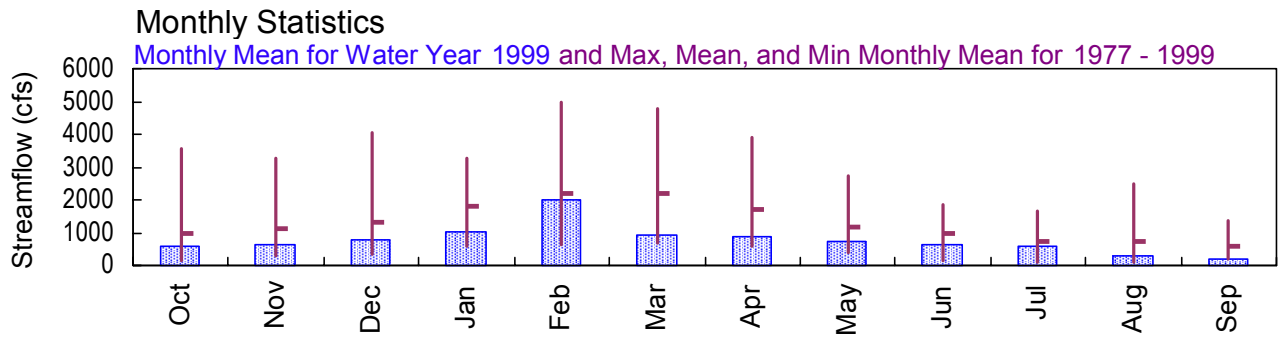
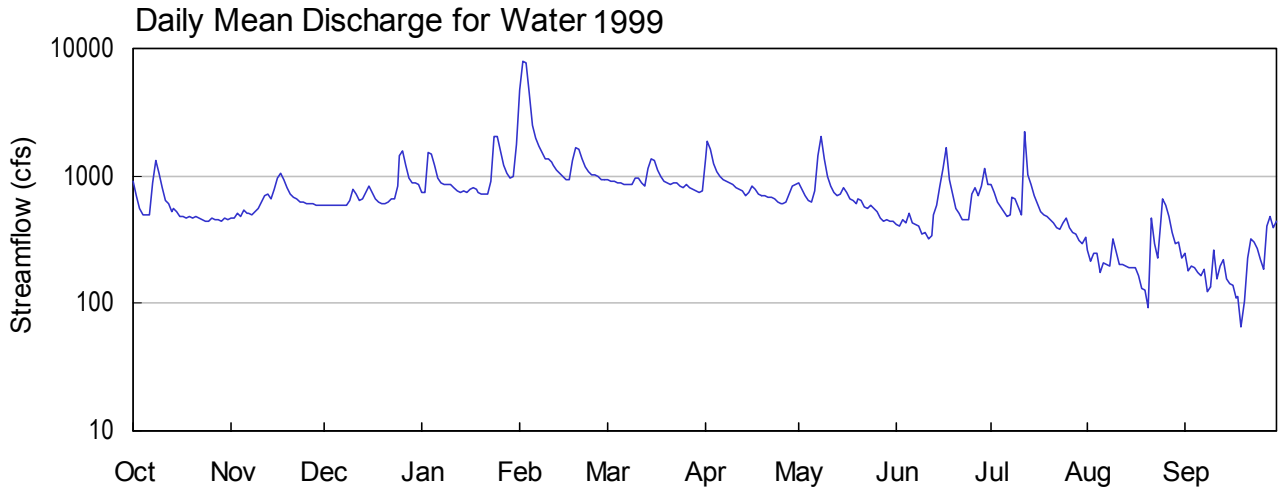


ALTAMAHA RIVER BASIN
 OCONEE RIVER NEAR PENFIELD, GA.

02218300 Latitude: 33° 43' 16" Longitude: 83° 17' 44" Hydrologic Unit Code: 03070101 Greene County
 Drainage Area: 940.00 mi² Datum: 433.2 feet Period of Record: 1977 - 1999



USGS
 02218300 - Oconee River near Penfield, GA

**ALTAMAHA RIVER BASIN
1999 Water Year**

02218300 OCONEE RIVER NEAR PENFIELD, GA

LOCATION.--Lat 33°43'14", long 83°17'45", Greene County, Hydrologic Unit 03070101, on downstream side of bridge on State Highway 15, 7.0 miles upstream from Greenbrier Creek, 8.0 miles northwest of Penfield, and 10.0 mi southeast of Watkinsville.

DRAINAGE AREA.--940 mi².

PERIOD OF RECORD.--Water years 1970-77 (annual maximum), August 1977 to current year.

REVISED RECORDS.--WDR GA-91-1: 1990(M).

GAGE.-Water-stage recorder. Datum of gage is 433.26 feet above sea level. From November 4, 1969 to July 21, 1977, crest-stage gage, and from July 22, 1977 to August 1, 1990, water-stage recorder located at site 300 feet upstream at same datum.

REMARKS.-Records good to fair. Some regulation at low flow occurs from operation of Barnett Shoals Dam.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Dec. 19, 1919, reached a stage of 26.9 feet, information supplied by Georgia Department of Transportation, discharge, 37,000 ft³/s, from rating curve extended above 22,000 ft³/s on basis of slope-conveyance study. The flood of April 6, 1936 reached a stage of 26.7 feet, discharge, 36,000 ft³/s (revised) from rating curve extended above 22,000 ft³/s on basis of slope-conveyance study.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 4,600 ft³/s and maximum (*):

DATE	TIME	DISCHARGE (ft ³ /s)	GAGE HEIGHT (ft)
Feb. 2	2400	8,280*	15.54*

STATION NUMBER 02218300 OCONEE RIVER NEAR PENFIELD, GA. STREAM SOURCE AGENCY USGS
 LATITUDE 334316 LONGITUDE 0831744 DRAINAGE AREA 940 DATUM 433.26 STATE 13 COUNTY 133

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	898	470	592	750	4650	947	1370	874	414	851	264	245
2	708	465	586	746	7910	901	1860	784	404	747	217	181
3	549	509	592	1520	7720	897	1640	704	452	630	249	199
4	501	485	591	1470	4510	890	1260	644	433	573	247	189
5	490	534	594	1200	2470	876	1090	628	503	525	174	174
6	493	508	593	960	1990	846	998	773	428	485	210	164
7	877	506	582	881	1700	858	945	1450	411	494	204	185
8	1310	501	588	850	1530	847	903	2020	405	676	194	123
9	1040	522	635	861	1380	867	892	1370	354	653	317	135
10	808	556	785	852	1360	966	851	995	355	567	258	265
11	641	618	711	820	1290	960	816	821	323	491	201	155
12	599	699	635	764	1220	870	793	741	340	2210	203	198
13	525	718	668	744	1120	825	755	692	494	1010	198	222
14	552	657	732	759	1040	1140	705	725	597	857	190	157
15	518	782	831	737	985	1370	742	819	826	700	188	141
16	484	970	740	786	941	1320	829	735	1150	600	193	137
17	483	1060	664	818	938	1110	785	669	1660	524	163	110
18	471	926	630	775	1310	977	711	634	943	496	132	114
19	480	812	608	740	1660	913	695	614	713	485	127	65
20	473	711	606	727	1620	878	699	666	555	448	93	103
21	482	675	627	718	1360	869	685	641	511	429	468	225
22	471	655	664	719	1180	888	685	573	457	398	297	323
23	458	623	653	908	1090	876	660	558	456	386	228	303
24	441	616	829	2020	1030	827	627	588	459	434	458	273
25	447	614	1430	2050	1010	819	611	562	719	472	652	222
26	462	605	1560	1580	999	846	610	528	799	391	596	187
27	459	601	1220	1210	937	820	615	462	706	357	480	403
28	455	595	954	1060	948	784	719	445	841	345	356	483
29	440	586	871	960	---	758	836	451	1160	312	298	393
30	472	583	879	995	---	748	848	436	863	296	306	444
31	456	---	848	1790	---	755	---	446	---	335	230	---

