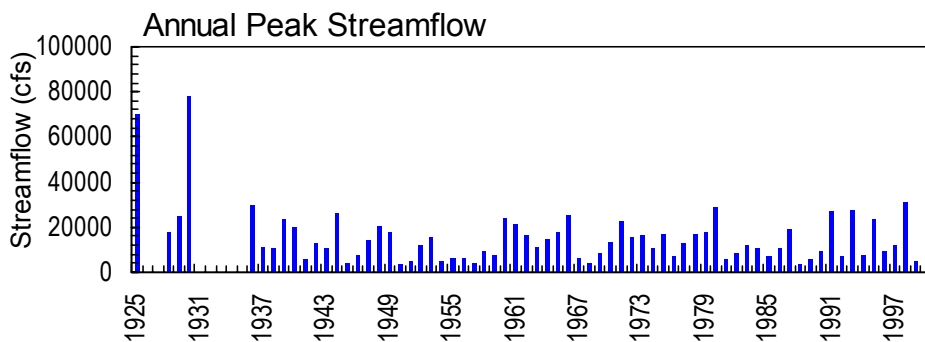
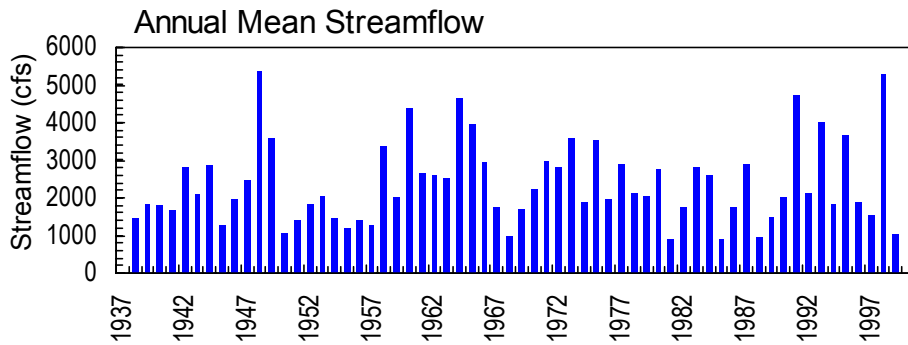
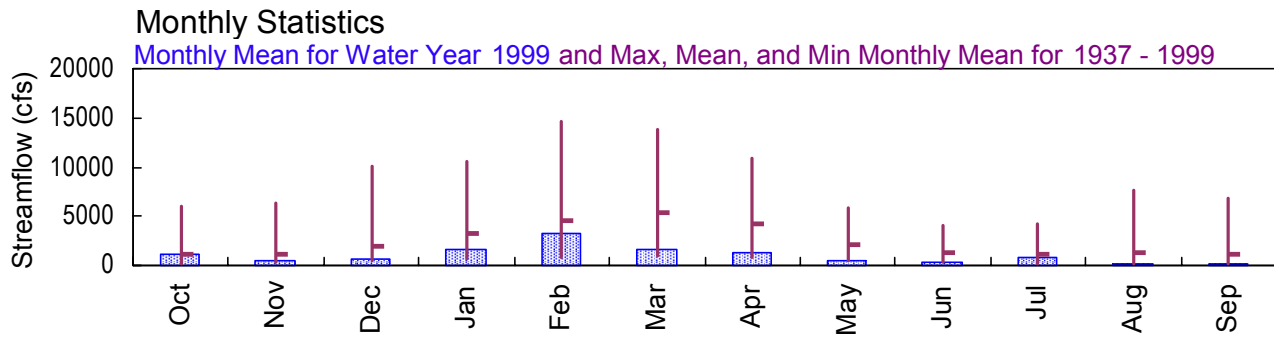
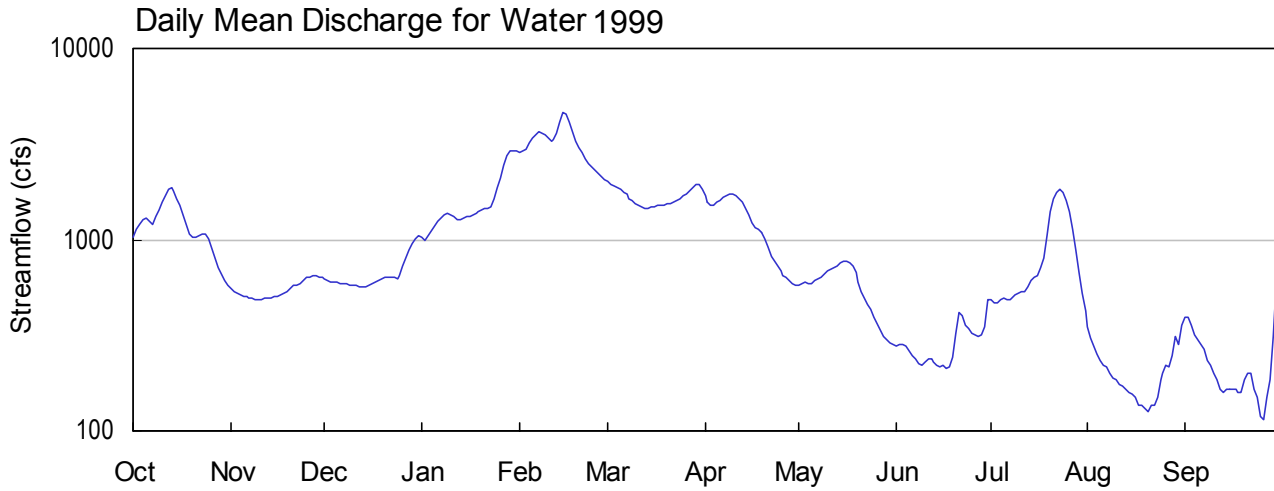


OGEECHEE RIVER BASIN
OGEECHEE RIVER NEAR EDEN, GA.

02202500
 Latitude: 32° 11' 29" Longitude: 81° 24' 58" Hydrologic Unit Code: 03060202 Effingham County
 Drainage Area: 2650.0 mi² Datum: 19.64 feet Period of Record: 1937 - 1999



02202500 - Ogeechee River near Eden, GA

OGEECHEE RIVER BASIN
1999 Water Year

02202500 OGEECHEE RIVER NEAR EDEN, GA

LOCATION.--Lat 32°11'29", long 81°24'58", Effingham-Bryan County line, Hydrologic Unit 03060202, on right bank 600 feet downstream from bridge on U.S. Highway 80, 2 miles west of Eden, 2 miles upstream from Seaboard Coast Line Railroad bridge, and 3 miles upstream from Black Creek.

DRAINAGE AREA.--2,650 mi², approximately.

WATER-DISCHARGE RECORDS

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

GAGE.--Water-stage recorder. Datum of gage is 19.64 feet above sea level (levels by U.S. Army Corps of Engineers). Prior to Oct. 1, 1939, non-recording gage located at site 600 feet upstream at same datum.

REMARKS.-- Records good, except those for the period of estimated daily discharge, which are fair.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage known since at least 1840, 20 feet in October 1929, from data furnished by Central of Georgia Railway Co. Flood of January 1925, reached a stage of 19.5 feet, from information as explained above. Flood of April 1936, reached a stage of 15.2 feet, from information as explained above, discharge, 30,000 ft³/s.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 4,800 ft³/s and maximum (*):

DATE	TIME	DISCHARGE (ft ³ /s)	GAGE HEIGHT (ft)
Feb. 15	1900	4,700*	8.89*

No other peaks greater than base discharge

STATION NUMBER 02202500 OGEECHEE RIVER NEAR EDEN, GA. STREAM SOURCE AGENCY USGS
 LATITUDE 321129 LONGITUDE 0812458 DRAINAGE AREA 2650 DATUM 19.64 STATE 13 COUNTY 103

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	1020	558	621	1030	2880	2010	1710	581	280	484	351	391
2	1130	538	612	1000	2900	1960	1580	588	282	468	304	392
3	1200	524	604	1040	2970	1920	1520	597	283	467	276	357
4	1280	516	599	1110	3200	1880	1520	593	275	482	251	317
5	1300	508	595	1180	3420	1830	1560	592	261	491	233	298
6	1260	503	590	1240	3560	1780	1610	611	248	488	e220	282
7	1210	497	587	1300	3640	1720	1680	622	236	490	e215	267
8	1320	493	585	1350	3620	1650	1710	634	225	493	e200	e235
9	1440	488	583	1370	3500	1590	1740	658	222	517	e190	e220
10	1560	487	579	1360	3370	1550	1740	683	230	528	e185	e200
11	1710	488	573	1310	3300	1510	1710	703	238	538	e175	e185
12	1830	492	567	1280	3350	1490	1650	713	238	538	e170	e165
13	1870	496	568	1280	3580	1470	1560	722	228	571	e165	e160
14	1790	498	570	1290	4130	1470	1460	753	220	612	e160	e165
15	1650	502	575	1310	4600	1480	1350	764	215	633	e155	e165
16	1510	505	585	1330	4580	1490	1230	766	222	651	e150	e165
17	1360	511	599	1350	4160	1500	1150	752	214	708	e135	e165
18	1200	520	615	1370	3670	1510	1130	724	218	794	e135	e160
19	1080	532	626	1390	3300	1520	1100	672	244	1050	e130	e160
20	1020	554	634	1430	3040	1530	1010	603	324	1410	e125	e185
21	1020	573	638	1460	2840	1550	910	539	417	1620	e135	e200
22	1050	581	636	1470	2670	1570	824	495	397	1780	e135	e200
23	1080	590	633	1490	2520	1600	764	462	356	1840	e150	e165
24	1070	617	626	1650	2390	1650	722	429	344	1770	e185	e150
25	1010	632	642	1870	2290	1700	683	395	324	1600	e200	e120
26	905	640	723	2120	2220	1740	653	361	315	1390	e220	e115
27	797	644	800	2430	2150	1790	632	334	313	1130	e215	e150
28	712	644	876	2750	2070	1870	613	313	320	883	e245	e185
29	655	640	952	2900	---	1940	593	300	347	676	e310	313
30	615	631	1010	2940	---	1940	577	291	487	528	282	626
31	583	---	1040	2930	---	1850	---	283	---	425	355	---

TOTAL	37237	16402	20443	49330	89920	52060	36691	17533	8523	26055	6357	6858
MEAN	1201	547	659	1591	3211	1679	1223	566	284	840	205	229
MAX	1870	644	1040	2940	4600	2010	1740	766	487	1840	355	626
MIN	583	487	567	1000	2070	1470	577	283	214	425	125	115
CFSM	.45	.21	.25	.60	1.21	.63	.46	.21	.11	.32	.08	.09
IN.	.52	.23	.29	.69	1.26	.73	.52	.25	.12	.37	.09	.10

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

MEAN	1215	1090	1987	3212	4478	5401	4252	2035	1356	1173	1296	1123
MAX	5985	6387	10010	10550	14690	13880	10820	5814	4141	4240	7579	6812
(WY)	1965	1948	1949	1993	1998	1998	1948	1964	1973	1941	1991	1964
MIN	190	296	516	673	782	1051	835	407	257	163	205	138
(WY)	1982	1955	1955	1956	1989	1938	1985	1985	1988	1986	1999	1990

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

ANNUAL TOTAL	1710475	367409		
ANNUAL MEAN	4686	1007	2368	
HIGHEST ANNUAL MEAN			5370	1948
LOWEST ANNUAL MEAN			874	1985
HIGHEST DAILY MEAN	30700	Mar 15	4600	Feb 15
LOWEST DAILY MEAN	239	Aug 8	115	Sep 26
ANNUAL SEVEN-DAY MINIMUM	256	Aug 5	135	Aug 16
INSTANTANEOUS PEAK FLOW			4700	Feb 15
INSTANTANEOUS PEAK STAGE			8.89	Feb 15
INSTANTANEOUS LOW FLOW			115	Sep 26
ANNUAL RUNOFF (CFSM)	1.77		.38	
ANNUAL RUNOFF (INCHES)	24.01		5.16	
10 PERCENT EXCEEDS	12400		1950	5700
50 PERCENT EXCEEDS	1210		636	1340
90 PERCENT EXCEEDS	336		200	395

STATISTICS COMPUTED BY: tcstamey

DATE: 04/19/2000 AT: 15:58:09

e Estimated