

KISSIMMEE RIVER BASIN

11. 02270500 ARBUCKLE CREEK NEAR DE SOTO CITY, FL

LOCATION.--Lat 27°26'32", long 81°17'51", in SE¹/₄ sec.11, T.35 S., R.30 E., Highlands County, Hydrologic Unit 03090101, on right bank 20 ft downstream from bridge on U.S. Highway 98, 1.3 mi upstream from mouth, and 7 mi east of De Soto City.

CONTRIBUTING DRAINAGE AREA.--379 mi².

DATUM OF GAGE.-- 35.51 ft above NGVD 1929.

Date	Discharge (cubic foot per second)	Gage height (feet)	Date	Discharge (cubic foot per second)	Gage height (feet)
1940-09-11	1,920 ⁵	7.26	1971-09-17	850 ⁵	4.91
1941-07-26	2,710 ⁵	7.52	1971-10-15	972 ⁵	5.23
1942-02-26	1,030 ⁵	6.33	1973-09-18	1,340 ⁵	5.86
1943-07-18	1,290 ⁵	6.40	1974-07-06	2,770 ⁵	6.79
1943-10-07	1,290 ⁵	6.78	1975-09-03	1,040	5.45
1945-09-17	6,540 ⁵	8.47	1976-06-12	1,290	5.51
1945-10-16	1,330 ⁵	6.64	1976-10-07	451	4.25 ²
1947-09-23	5,610 ⁵	8.20	1978-08-01	2,920	6.92
1948-09-23	7,380 ⁵	8.71	1979-09-28	2,820	6.54
1948-10-04	6,680 ⁵	8.51	1980-02-19	645	4.36
1949-10-04	1,870 ⁵	6.74	1981-09-21	710	4.62
1951-07-26	1,720 ⁵	6.03	1982-06-21	2,610	6.66
1951-10-04	1,610 ⁵	6.11	1983-02-17	1,800	5.70
1952-10-23	2,720 ⁵	6.80	1984-03-14	1,190	M
1953-10-10	5,490 ⁵	8.16	1985-09-06	1,090	5.29
1954-11-16	296 ⁵	5.15	1985-10-04	1,310	5.05
1956-09-10	275 ⁵	4.82	1987-09-13	585	M
1956-10-17	2,920 ⁵	7.93	1987-10-16	1,070	5.56
1957-10-01	1,490 ⁵	6.85	1989-09-04	646	4.64
1959-06-19	4,680 ⁵	9.29	1990-08-15	1,430	5.65
1960-09-12	4,900 ⁵	9.45	1991-07-30	880	5.06
1961-01-13	778 ⁵	6.28	1992-08-25	1,090	5.65
1962-09-23	1,400 ^{1,5}	5.72	1993-03-26	632	4.52
1963-02-28	913 ^{1,5}	6.42	1994-09-29	986	5.77
1964-09-17	938 ^{1,5}	6.53	1995-09-03	1,060	6.57 ²
1965-08-07	992 ^{1,5}	6.53	1995-10-19	897	5.88
1966-08-09	1,680 ^{1,5}	M	1997-09-29	818	5.63
1966-10-03	792 ⁵	5.06	1998-03-21	3,810	7.41
1968-07-11	1,900 ^{1,5}	6.08	1999-08-25	1,430	5.79
1969-09-25	2,920 ⁵	6.92	1999-10-22	1,260	5.78
1969-10-03	3,680 ⁵	7.55	2001-09-15	3,180	6.97

EXPLANATION OF PEAK DATA CODES

Discharge Qualification Codes	Gage Height Qualification Codes
¹ Discharge is a maximum daily average.	¹ Gage height affected by backwater.
² Discharge is an estimate.	² Gage height not the maximum for the year.
³ Discharge affected by dam failure.	³ Gage height at different site and/or datum.
⁴ Discharge less than indicated value, which is minimum recordable discharge at this site.	⁴ Gage height below minimum recordable elevation.
⁵ Discharge affected to unknown degree by regulation or diversion.	⁵ Gage height is an estimate.
⁶ Discharge affected by regulation or diversion.	⁶ Gage datum changed during this year.
⁷ Discharge is an historic peak.	M Missing value.
^B Month or day of occurrence is unknown or not exact.	
^E Only annual maximum peak available for this year.	
^M Missing value.	