

ALAFIA RIVER BASIN

51. 02301500 ALAFIA RIVER AT LITHIA, FL

LOCATION.--Lat 27°52'19", long 82°12'41", in NE¹/₄ sec.16, T.30 S., R.21 E., Hillsborough County, Hydrologic Unit 03100204, near center of span on downstream side of bridge on State Highway 640, 2.0 mi upstream from Little Fishhawk Creek, 4.3 mi west of Lithia, and 16 mi upstream from mouth.

CONTRIBUTING DRAINAGE AREA.--335 mi².

DATUM OF GAGE.-- 7.00 ft above NGVD 1929. Prior to Oct. 14, 1965, 9.86 ft above NGVD 1929.

Date	Discharge (cubic foot per second)	Gage height (feet)	Date	Discharge (cubic foot per second)	Gage height (feet)
1933-09-07	45,900	25.60	1968-09-15	2,700	15.15
1934-06-16	7,380	16.49	1969-03-19	1,760	12.38
1935-09-05	10,400	18.08	1969-10-04	2,330	14.08
1936-02-11	2,700	11.79	1971-09-13	1,730	12.28
1936-10-12	2,100	10.52	1972-02-05	2,090	13.42
1938-08-02	1,860	10.20	1973-04-06	2,330	14.02
1938-10-17	7,880	16.85	1974-07-03	2,500	14.96
1940-02-19	1,150 ^E	6.84	1975-08-21	1,260 ^E	10.26
1941-07-16	4,020	13.66	1975-10-29	1,750	12.19
1942-03-20	1,760	9.23	1977-09-05	836 ^E	8.14
1943-06-28	6,390	16.14	1978-07-20	1,240 ^E	10.17
1944-08-16	1,570 ^E	8.47	1979-09-24	4,780	17.75
1945-07-26	7,880	16.83	1980-07-26	1,050 ^E	9.34
1946-07-31	2,220	10.60	1981-09-07	2,270 ²	14.98 ⁵
1947-09-20	17,900	20.38	1982-06-20	2,970	15.31
1948-09-30	5,590	15.59	1983-03-18	2,510	14.68
1949-08-29	14,100	19.28	1983-12-31	1,400 ^E	11.33
1950-09-07	5,030	15.04	1985-09-03	2,360	14.72
1951-09-21	1,480 ^E	8.13	1986-08-26	1,300 ^E	11.28
1951-10-02	1,530 ^E	8.41	1987-03-31	3,750	16.44
1952-10-21	7,010	16.27	1988-09-08	9,450	21.71
1953-11-25	4,420	14.38	1988-11-25	1,230 ^E	10.74
1955-09-20	1,300 ^E	7.18	1990-07-15	660 ^E	7.72
1956-09-05	986 ^E	5.83	1991-07-15	4,360	16.82
1957-08-25	2,870	12.24	1992-06-29	1,400 ^E	11.09
1958-04-18	2,850	12.26	1993-09-01	1,550 ^E	11.39
1959-03-21	8,310	17.05	1994-09-28	2,930	15.34
1960-09-12	20,300	21.12	1995-08-04	3,090	15.56
1960-10-10	1,280 ^E	7.37	1996-01-04	2,830	14.77
1962-09-22	3,830	13.98	1997-09-28	3,550	16.09
1963-03-01	2,060	10.79	1998-03-21	5,170	17.72
1964-01-13	2,690	12.32	1999-08-23	842 ^E	8.39
1965-08-12	2,710	12.36	2000-09-18	837 ^E	8.57
1966-01-27	1,500 ^E	11.04 ⁶	2001-09-16	3,870	17.21
1967-08-15	5,060	18.24			

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.	