

ALAFIA RIVER BASIN

50. 02301300 SOUTH PRONG ALAFIA RIVER NEAR LITHIA, FL

LOCATION.--Lat 27°47'47", long 82°07'04", in SW¹/₄ sec.9, T.31 S., R.22 E., Hillsborough County, Hydrologic Unit 03100204, on right bank, 12 ft upstream from bridge on county road, 1.5 mi upstream from Halls Branch, 5.0 mi southeast of Lithia, and 7.6 mi upstream from mouth.

CONTRIBUTING DRAINAGE AREA.--107 mi².

DATUM OF GAGE.-- 40.00 ft above NGVD 1929. Prior to Oct. 13, 1965, 1.56 ft below NGVD 1929; Oct. 13, 1965, to Apr. 11, 1975, 50.00 ft above NGVD 1929.

Date	Discharge (cubic foot per second)	Gage height (feet)	Date	Discharge (cubic foot per second)	Gage height (feet)
1963-02-13	2,200	58.77	1983-09-20	624	16.01
1964-05-04	578	57.58	1983-12-31	390 ^E	15.01
1965-08-01	950	58.04	1985-09-02	520	16.00
1965-10-01	512	5.53 ³	1986-08-28	249 ^E	14.21
1967-08-14	2,600	7.88	1987-07-09	609	15.84
1968-07-19	1,660	6.72	1988-09-07	2,400	17.93
1969-08-20	1,360	6.69	1989-09-27	440 ^E	15.37
1969-10-04	1,250	6.47	1990-07-16	187 ^E	13.29
1971-09-15	1,050	6.70	1991-07-14	883 ²	16.47
1972-02-03	917	6.38	1992-06-23	756	16.23
1973-04-05	1,760	7.25	1993-09-08	301 ^E	14.57
1974-07-02	1,060	6.81	1994-09-28	733	16.15
1975-07-24	389 ^E	14.83 ⁶	1995-08-03	856	16.36
1975-10-30	602	15.93	1995-11-02	664	16.02
1977-09-29	153 ^E	12.74	1997-09-28	700 ²	16.23
1978-08-05	386 ^E	14.89	1997-12-14	1,010	16.59
1979-09-22	1,600	17.09	1998-10-13	426 ^E	15.32
1980-05-26	362 ^E	14.99	1999-10-06	327 ^E	14.94
1981-09-06	1,600	17.09 ⁵	2001-09-15	1,090	16.71
1982-09-27	655	15.98			

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.	