02206105 JACKSON CREEK AT ANGELS LANE, NEAR LILBURN, GA

Altamaha Basin
Upper Ocmulgee Subbasin

LOCATION.--Lat 33°53′12″, long 84°12′42″ referenced to North American Datum of 1927, Gwinnett County, GA, Hydrologic Unit 03070103, at culvert on Angel's Lane, 4.2 miles west of Lilburn.

DRAINAGE AREA.--0.15 mi², revised.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--November 1986 to September 1996, October 1996 to current year. Records not equivalent due to datum change after new culvert construction during September 1996.

REVISED RECORDS.--WDR-US-2011: Drainage Area.

GAGE.--Crest-stage partial-record gage. Datum of gage is 990 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

COOPERATION.--Gwinnett County Department of Water Resources.

REMARKS.--A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information of some lower floods may have been obtained, but is not published within. The years given in the period of record represent water years for which the annual maximum has been determined.

EXTREMES FOR PERIOD OF RECORD.--Maximum stage, 7.13 feet, September 21, 2009; maximum discharge, 249 cfs, September 21, 2009, present datum. Maximum stage, 6.71 feet, September 7, 1987, maximum discharge, 144 cfs, September 7, 1987, Datum then in use.

MAXIMUM PEAK DISCHARGE
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Date	Discharge, in ft³/s	Discharge qualification code	Gage height, in ft	Gage height qualification code
May 19, 2013	44.1	C	2.51	---

Discharge qualification code:
C - All or part of the record affected by urbanization, mining, agricultural changes, channelization, or others

Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2013: U.S. Geological Survey Water-Data Report WDR-US-2013, site 02206105, accessed at http://wdr.water.usgs.gov/wy2013/pdfs/02206105.2013.pdf