



Water-Data Report 2013

02206136 JACKSON CREEK TRIBUTARY 1 AT WILLIAMS ROAD, NEAR LILBURN,GA

Altamaha Basin
Upper Ocmulgee Subbasin

LOCATION.--Lat 33°53'19", long 84°10'59" referenced to North American Datum of 1927, Gwinnett County, GA, Hydrologic Unit 03070103, at culvert on Williams Road, 2.6 miles west of Lilburn.

DRAINAGE AREA.--0.33 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Nov. 1986 to Feb. 1993, May 1994 to Mar. 2006, May 2006 to current year.

GAGE.--Crest-stage partial-record gage. Datum of gage is 920 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, 8.57 feet, June 17, 2003; maximum discharge, 214 cfs, June 17, 2003 (prior to May 15, 2006 and new gage datum). Maximum stage, 20.00 feet, September 21, 2009; maximum discharge, undetermined (new gage datum May 15, 2006 to current year).

REVISIONS.--The gage datum from May 23, 1994 to March 2006 was destroyed. The gage was reestablished May 15, 2006 with a new gage datum. The records are not equivalent.

**MAXIMUM PEAK DISCHARGE
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

Date	Discharge, in ft ³ /s	Discharge qualification code	Gage height, in ft	Gage height qualification code
May 19, 2013	---	C	19.49	---

Discharge qualification code:

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