



Water-Data Report GA-2005

**02205500 PEW CREEK NEAR LAWRENCEVILLE, GA**

Altamaha River Basin

LOCATION.--Lat 33°56'05", long 84°01'00" referenced to North American Datum of 1927, Gwinnett County, Hydrologic Unit 03070103, at culvert on Johnson Road, 2.2 miles southwest of Lawrenceville.

DRAINAGE AREA.--2.23 mi<sup>2</sup>.

**WATER-DISCHARGE RECORDS**

PERIOD OF RECORD.--1954 to 1963 (at a different datum), 1995 to current year.

GAGE.--Crest-stage partial-record gage. Datum of gage is 930 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from barometer).

COOPERATION.--Gwinnett County Department of Public Utilities.

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, 13.39 feet, October 5, 1995; maximum discharge, 2,440 cfs, October 5, 1995.

**MAXIMUM PEAK DISCHARGE  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Date	Discharge, in ft <sup>3</sup> /s	Discharge qualification code	Gage height, in ft	Gage height qualification code
Jul 7, 2005	896	C	7.57	---

Discharge qualification code:

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