



Water-Data Report GA-2005

02205230 WOLF CREEK AT DEAN ROAD, NEAR SUWANEE, GA

Altamaha River Basin

LOCATION.--Lat 34°00'04", long 84°02'57" referenced to North American Datum of 1927, Gwinnett County, Hydrologic Unit 03070103, at culvert on Dean Road, 3.8 miles south of Suwanee.

DRAINAGE AREA.--0.39 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--1987 to current year.

REVISED RECORDS.--WDR GA-04-1: Gage datum.

GAGE.--Crest-stage partial-record gage. Datum of gage is 1000 feet (revised) above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

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, 8.47 feet, October 5, 1995; Maximum discharge, 220 cfs, October 5, 1995.

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

Date	Discharge, in ft ³ /s	Discharge qualification code	Gage height, in ft	Gage height qualification code
Nov 23, 2004	155	C	6.99	---

Discharge qualification code:

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