



Water-Data Report 2007

**02227990 SATILLA RIVER TRIBUTARY 2 AT ATKINSON, GA**

St. Marys-Satilla Basin  
Satilla Subbasin

LOCATION.--Lat 31°13'32", long 81°51'10" referenced to North American Datum of 1927, Brantley County, GA, Hydrologic Unit 03070201, on County Road 153, 0.3 miles north of Atkinson.

DRAINAGE AREA.--0.38 mi<sup>2</sup>,

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--1977 to current year.

GAGE.--Crest-stage partial-record gage. Datum of gage is 47.74 feet above National Geodetic Vertical Datum (NGVD) of 1929.

COOPERATION.--Georgia Department of Transportation.

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, 2.63 feet, August 2, 1978; maximum discharge, 93 cfs, August 2, 1978.

**MAXIMUM PEAK DISCHARGE  
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

| Date | Discharge,<br>in ft <sup>3</sup> /s | Discharge<br>qualification<br>code | Gage height,<br>in ft | Gage height<br>qualification<br>code |
|------|-------------------------------------|------------------------------------|-----------------------|--------------------------------------|
| 2007 | 4.76                                | 4                                  | 0.650                 | 4                                    |

Discharge qualification code:

4 - Discharge less than indicated value, which is minimum recordable discharge at this site

Gage height qualification code:

4 - Gage height below minimum recordable elevation