

02176575 OKATEE RIVER NEAR BLUFFTON, SC

LOCATION.--Lat 32°17'22'', long 80°55'47'', Beaufort County, Hydrologic Unit 03050208, on right bank about 100 ft upstream of U.S.Hwy 278 and about 6.0 mi west of Bluffton.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--July 2001 to current year.

REVISED RECORDS.--Discharge records for the 2001-2002 Water Years will be revised based on modified velocity record for that period and published in the Water Resources Data Report, 2004 Water Year publication. The velocity record will be modified by processing the signal with a low-pass filter to remove spurious data points. This process will enhance the quality of the velocity record and resulting discharge computations.

GAGE.--Data Collection Platform and acoustic velocity meter. Datum of gage is 3.17 ft below NGVD of 1929.

REMARKS.--This site is strongly affected by astronomical tides. The astronomical tides occur at primary harmonic periods of 12.42 hours for semi-diurnal tides and 24.84 hours for diurnal tides. Computed 24-hour daily mean discharge for this site may be affected by aliasing due to tides and, thus, may contain spurious fluctuations or oscillations that are not indicative of net downstream discharge.

EXTREMES FOR PERIOD OF RECORD.--

EXTREMES FOR CURRENT YEAR.--

DISCHARGE FOR THE 2003 WATER YEAR WILL BE PUBLISHED IN THE 2004 WATER RESOURCES DATA REPORT