



Water-Data Report 2010

**03569168 STRINGERS BRANCH AT LEAWOOD DRIVE AT RED BANK, TN**

Middle Tennessee-Hiwassee Basin  
Middle Tennessee-Chickamauga Subbasin

LOCATION.--Lat 35°07'00", long 85°17'28" referenced to North American Datum of 1927, Hamilton County, TN, Hydrologic Unit 06020001, at bridge on E. Leawood Avenue at Red Bank.

DRAINAGE AREA.--1.54 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--1980-2010

REMARKS.--As the number of streams on which streamflow information is likely to be desired far exceeds the number of stream-gaging stations feasible to operate at one time, the Geological Survey collects limited streamflow data at sites other than stream-gaging stations. When limited streamflow data are collected on a systematic basis over a period of years for use in hydrologic analyses, the site at which the data are collected is called a partial-record station. Data collected at these partial-record stations are usable in low-flow or floodflow analyses, depending on the type of data collected.

The following table contains annual maximum discharges for crest-stage stations. A crest-stage gage is a device that will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from current meter or indirect measurements of peak flow. 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 on some lower floods may have been obtained, but is not published herein. 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 discharge, not determined; maximum gage height, 28.24 ft, Aug. 11, 1996.

**MAXIMUM PEAK DISCHARGE  
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Discharge, in ft <sup>3</sup> /s	Discharge qualification code	Gage height, in ft	Gage height qualification code
Dec 9, 2009	---	---	24.18	---