03566420 WOLFTEVER CREEK NEAR OOLTEWAH, TN

Middle Tennessee-Hiwassee Basin
Middle Tennessee-Chickamauga Subbasin

LOCATION.--Lat 35°03'43.51", long 85°03'59.21" referenced to North American Datum of 1927, Hamilton County, TN, Hydrologic Unit 06020001, on downstream side of right bridge pier on Ooltewah-Ringgold Road (State Route 321), 0.6 mi. downstream from Southern Railway bridge, 0.9 mi. south of Ooltewah, 1.6 mi. upstream from Little Wolftever Creek, and at River Mile 16.1.

DRAINAGE AREA.--18.8 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Continuous-record gage, 1964-89; Crest-stage gage, 1990-2011

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.

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 gage height 9.84 ft., maximum discharge, not determined, Sept. 17, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 7.01 ft., maximum discharge, not determined, Sept. 6, 2011.

Suggested citation: U.S. Geological Survey, 2012, Water-resources data for the United States, Water Year 2011: U.S. Geological Survey Water-Data Report WDR-US-2011, site 03566420, accessed at http://wdr.water.usgs.gov/wy2011/pdfs/03566420.2011.pdf