07030000 HATCHIE RIVER NEAR STANTON, TN

Hatchie-Obion Basin
Lower Hatchie Subbasin

LOCATION.--Lat 35°31′22″, long 89°20′57″ referenced to North American Datum of 1927, Haywood County, TN, Hydrologic Unit 08010208, at bridge on US Highway 70 and 79, 4.6 mi northeast of Stanton.

DRAINAGE AREA.--1975.00 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--1929-58 (operated as a continuous-record gaging station), 2004-2011.

GAGE.--Datum of gage is 267.34 ft above NGVD of 1929.

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, 59,000 ft^3/s, Jan. 22, 1935, maximum gage height, 20.35 ft.

MAXIMUM PEAK DISCHARGE
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Date	Discharge, in ft^3/s	Discharge qualification code	Gage height, in ft	Gage height qualification code
May 1, 2011	41,500	---	19.03	---

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 07030000, accessed at http://wdr.water.usgs.gov/wy2011/pdfs/07030000.2011.pdf