07024705 MIDDLE FORK OBION RIVER NEAR GLEASON, TN

Hatchie-Obion Basin
South Fork Obion Subbasin

LOCATION.--Lat 36°15′02″, long 88°34′16″ referenced to North American Datum of 1927, Weakley County, TN, Hydrologic Unit 08010203, at bridge on State Route 190, 3.2 mi northeast of Gleason.

DRAINAGE AREA.--87.5 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--2004-2011

GAGE.--Datum of gage is 360.00 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, 4,000 ft^3/s, May 1, 2010, maximum gage height, 16.51 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 3, 2011	2,870	---	16.08	---

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 07024705, accessed at http://wdr.water.usgs.gov/wy2011/pdfs/07024705.2011.pdf