

07025000 RUTHERFORD FORK OBION RIVER NEAR BRADFORD, TN

Hatchie-Obion Basin
South Fork Obion Subbasin

LOCATION.--Lat 36°03'39", long 88°53'20" referenced to North American Datum of 1927, Gibson County, TN, Hydrologic Unit 08010203, at bridge on Old Trenton-Dresden rd. 5.7 miles east of Dyer, 4 miles west of Bradford, and about 18.2 miles upstream from confluence with the South Fork of the Obion River. Current gage is located 0.8 mile downstream of former gage location. A second CSG was added to the former gage location on the HWY 54 bridge on Nov. 3, 2010.

DRAINAGE AREA.--206.00 mi², The drainage area is 206 square miles, as noted on old station description last revised in 1955. The drainage area of the former gage location (S.R. 54) is noted as 203 square miles.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--1929-57 (operated as continuous-record gaging station), 2008 to current year.

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 occurred May 1, 2010, discharge not determined, maximum gage height 31.09 ft., present datum.

**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	6,410	---	25.83	---