04290700 BAILEY BROOK AT EAST HARDWICK, VT

Lake Champlain-Richelieu River
Lamoille River Subbasin

LOCATION.--Lat 44°31′41″, long 72°18′16″ referenced to North American Datum of 1927, Caledonia County, Hydrologic Unit 04150405, at culvert on Hardwick Street, 800 ft north of railroad crossing of Hardwick Street, 0.4 mi upstream from mouth at Lamoille River, 0.5 mi northeast of Brochu Road and Church Street intersection at East Hardwick, and 3.6 mi northeast of Main Street and Church Street intersection in Hardwick.

DRAINAGE AREA.--2.52 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Peak Streamflow: Water years 1964 to 1978, 1999 to current year.

GAGE.--Crest stage gage. Elevation of gage is 1080 ft above National Geodetic Vertical Datum of 1929, from topographic map.

COOPERATION.--Vermont Agency of Transportation.

REMARKS.--A crest-stage gage is a device which will register the maximum stage occurring between inspections of the gage. The discharge is determined from the stage using indirect measurement techniques. 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 of some lower floods may have been obtained, but is not published within. 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, 285 ft^3/s, June 30, 1973, gage height 15.92 ft.

MAXIMUM PEAK DISCHARGE
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Date	Discharge, in ft^3/s	Discharge qualification code	Gage height, in ft	Gage height qualification code
May 25, 2013	72	---	11.41	---

Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2013: U.S. Geological Survey Water-Data Report WDR-US-2013, site 04290700, accessed at http://wdr.water.usgs.gov/wy2013/pdfs/04290700.2013.pdf