Water-Data Report 2013

04282700 LEWIS CREEK TRIBUTARY AT STARKSBORO, VT

Lake Champlain-Richelieu River
Otter Creek Subbasin

LOCATION.--Lat 44°13′00″, long 73°03′21″ referenced to North American Datum of 1927, Addison County, Hydrologic Unit 04150402, at VT 116, 0.1 mi north of Tatro Road and VT 116 intersection, 0.4 mi upstream from mouth at Lewis Creek, 0.7 mi south of Big Hollow Road and VT 116 intersection in Starksboro, 0.9 mi west of East Mountain, and 5.9 mi north of Main Street (VT 17/116), South Street, and North Street intersection in Bristol.

DRAINAGE AREA.--5.31 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Discharge records: Water years 1963 to 1974.

Peak Streamflow: Water years 1963 to 1974, 1999 to current year.

GAGE.--Crest stage gage. Prior to 1999, water-stage recorder, on right bank, 25 ft downstream of culvert, at different datum. Elevation of gage is 640 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, 1,350 ft^3/s, Dec. 21, 1973, gage height 5.25 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
Mar 12, 2013	233	---	16.77	---

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 04282700, accessed at http://wdr.water.usgs.gov/wy2013/pdfs/04282700.2013.pdf