



Water-Data Report 2006

01129700 PAUL STREAM TRIBUTARY NEAR BRUNSWICK SPRINGS, VT

Upper Connecticut Basin
Upper Connecticut Subbasin

LOCATION.--Lat 44°41'06", long 71°37'18" referenced to North American Datum of 1927, Essex County, Hydrologic Unit 01080101, at Maidstone Lake Road, 400 ft upstream from mouth at Paul Stream, 1.4 mi west along Maidstone Lake Road from the intersection of Maidstone Lake Road and VT 102, 1.6 mi west of Diamond Road and Daniel Webster Highway (US 3) in Masons, NH, 1.9 mi northeast of Maidstone Lake outlet, 3.5 mi south of VT 102 and Brunswick springs Road northern intersection in Brunswick Springs, and 4.6 mi south of Bridge Street and Daniel Webster Highway (US 3) intersection in North Stratford, NH.

DRAINAGE AREA.--1.29 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Peak Streamflow: Water years 1966 to 1978, 1999 to current year. Prior to 1999 published as "near Brunswick."

Miscellaneous Discharge measurement: Water year 2002.

GAGE.--Crest stage gage. Elevation of gage is 1030 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, 126 ft³/s, July 12, 2002, gage height 12.70 ft.

**MAXIMUM PEAK DISCHARGE
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Date	Discharge, in ft³/s	Discharge qualification code	Gage height, in ft	Gage height qualification code
Oct 16, 2005	62	---	11.61	---