

01153000 BLACK RIVER AT NORTH SPRINGFIELD, VT

Upper Connecticut Basin
Black-Ottawaquechee Subbasin

LOCATION.--Lat 43°20'00", long 72°30'55" referenced to North American Datum of 1927, Windsor County, Hydrologic Unit 01080106, in North Springfield, 600 ft upstream from State Highway 106, 0.3 mi upstream from Great Brook, 0.6 mi downstream from North Springfield Dam, 0.9 mi east of State Highway 10 and 106 intersection in North Springfield, 2.9 mi northwest of State Highway 11 and 143 intersection in Springfield, and 7.8 mi upstream of mouth.

DRAINAGE AREA.--158 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Discharge records: October 1929 to September 1989. October 1929 monthly discharge only, published in WSP 1301.

Partial-record station: October 1989 to current year.

Peak Streamflow: Water years 1930 to current year.

REVISED RECORDS.--WSP 756: Drainage area. WSP 781: 1931(M), 1934(M).

GAGE.--Water-stage recorder. Datum of gage is 445.79 ft above National Geodetic Vertical Datum of 1929 (levels by U.S. Army Corps of Engineers).

COOPERATION.--U.S. Army Corps of Engineers, New England District.

REMARKS.--Flow regulated by powerplants and mills upstream and by North Springfield Reservoir since November 1960. High flow slightly affected by retarding reservoirs since 1968.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 15,500 ft³/s, Sept. 22, 1938, gage height, 17.68 ft, from rating curve extended above 3,200 ft³/s on basis of computations of flow over dams at gage heights 16.41 ft and 17.68 ft. Maximum discharge since construction of North Springfield Dam in 1960, 4,340 ft³/s, Sept. 2, 2011, gage height 8.18 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,420 ft³/s, July 3, gage height, 6.57 ft.

**DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

Date	Discharge, in ft³/s
Nov 13, 2012	133
Apr 11, 2013	2,160
Jun 18, 2013	347
Aug 19, 2013	54.4