

01087000 BLACKWATER RIVER NEAR WEBSTER, NH

Merrimack Basin
Contoocook Subbasin

LOCATION.--Lat 43°17'49", long 71°41'42" referenced to North American Datum of 1927, Merrimack County, NH, Hydrologic Unit 01070003, on left bank, 0.2 mi west of Clothspin Bridge Road and Pleasant Street intersection at Dingit Corner, 0.4 mi downstream from Clothspin Bridge Road, 2.4 mi downstream from Blackwater Dam, 2.5 mi southeast of Davisville Road (NH 127) and Long Street intersection in Webster, 4.4 mi west of Main Street (US 3S) and King Street (US 4E) intersection in Boscawen, and 6.6 mi upstream from mouth at Contoocook River.

DRAINAGE AREA.--129 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Discharge records: May 1918 to September 1920, February 1927 to September 1989. Published as "near Contoocook", 1918-20, 1927-35. Records published under both names October 1934 to September 1935.

Partial-record station: October 1989 to current year.

Peak Streamflow: Water years 1919, 1920, 1927 to current.

Miscellaneous Discharge measurements: Water years 1990 to current year.

REVISED RECORDS.--WSP 696: Drainage area. WSP 821: 1936(M). WSP: 851: 1936. WSP 867: 1936 (flood-report data). WSP 1231: 1919-20, 1927, 1928(M), 1929-32, 1933-34(M), 1936 (calendar-year summaries).

GAGE.--Water-stage recorder. Elevation of gage is 431.73 ft above National Geodetic Vertical Datum of 1929.

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

REMARKS.--Satellite gage-height telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 11,000 ft³/s, March 19, 1936, gage height, 11.78 ft, from floodmarks, from rating curve extended above 6,700 ft³/s on basis of slope-area and critical-depth measurements of peak flow. Maximum discharge since construction of Blackwater Reservoir in 1941, 2,390 ft³/s, April 16, 1951, April 10, 1952, gage height, 7.18 ft. Maximum stage since at least 1733, that of March 19, 1936.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,450 ft³/s, Dec. 23, gage height, 6.09 ft.

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

Date	Discharge, in ft³/s
Oct 9, 2012	42.0
Dec 7, 2012	90.3
Mar 25, 2013	188
Mar 25, 2013	159
May 29, 2013	505
Jul 1, 2013	1,140
Aug 6, 2013	112