

**01158600 OTTER BROOK BELOW OTTER BROOK DAM NEAR KEENE, NH**

Lower Connecticut Basin  
Middle Connecticut Subbasin

LOCATION.--Lat 42°56'45", long 72°14'14" referenced to North American Datum of 1927, Cheshire County, NH, Hydrologic Unit 01080201, on right bank, 450 ft downstream from Otter Brook Dam, 1.5 mi downstream of station 01158500, "Otter Brook near Keene", 2.2 mi northeast of City Hall in Keene, and 2.3 mi upstream from confluence with Minnewawa Brook to form "The Branch."

DRAINAGE AREA.--47.2 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--Discharge records: May 1958 to September 1989, October 1995 to September 2008.

Peak streamflow: Water years 1959 to current year.

Miscellaneous discharge measurements: Water years 1990 to 1995, current year.

GAGE.--Water-stage recorder, crest-stage gage, and concrete control. Datum of gage is 658.65 ft above National Geodetic Vertical Datum of 1929 (levels by U.S. Army Corps of Engineers). Prior to September 29, 1933, nonrecording gage on highway bridge at same datum.

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

REMARKS.--Flow regulated by Otter Brook Lake.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 667 cfs, April 9, 1987, gage height 8.62 ft. Estimated discharge including bypass flow around the gage through the emergency spillway was 752 cfs.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 581 ft<sup>3</sup>/s, May 31, gage height, 8.37 ft; minimum discharge, 3.1 ft<sup>3</sup>/s, Sept. 3, 4, gage height, 5.61 ft.

**DISCHARGE MEASUREMENTS  
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

<b>Date</b>	<b>Discharge, in ft<sup>3</sup>/s</b>
Oct 3, 2011	383
Nov 22, 2011	70.5
Jan 17, 2012	32.9
Mar 6, 2012	43.1
Jun 12, 2012	76.5
Jul 20, 2012	9.59
Sep 4, 2012	3.26