

01085000 CONTOOCCOOK RIVER NEAR HENNIKER, NH

Merrimack Basin
Contoocook Subbasin

LOCATION.--Lat 43°09'07", long 71°51'28" referenced to North American Datum of 1927, Merrimack County, NH, Hydrologic Unit 01070003, on right bank, 1.6 mi downstream from Sand Brook, 2.6 mi southwest of Main Street, Bridge Street (NH 114), and Maple Street intersection in Henniker, and 3.2 mi northeast of Bridge Street (NH 149) and West Main Street (US 202) intersection in Hillsborough.

DRAINAGE AREA.--368 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Discharge records: October 1939 to September 1977.

Partial-record station: October 1977 to current year.

Peak Streamflow: Water years 1938, 1940 to 1977, 1980, and 1989 to current year.

Miscellaneous Discharge measurements: Water years 1978 to 1982, 1988 to current year.

REVISED RECORDS.--WSP 1701: 1944 (M).

GAGE.--Water-stage recorder and crest-stage gage. The datum of gage is 470.32 ft above National Geodetic Vertical datum of 1929. Prior to Dec. 18, 1939, nonrecording gage at same site and datum.

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

REMARKS.--Record of peak-stage from water-stage recorder. Flow regulated by powerplants and by Nubanusit Lake, Edward MacDowell Reservoir, since March 1950, Highland Lake, Lake Franklin Pierce, and other reservoirs upstream. Satellite gage-height telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 13,100 ft³/s, Apr. 17, 2007, gage height, 14.54 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge since at least 1768, 22,200 ft³/s, Sept. 21, 1938, gage height, 21.3 ft, from floodmarks, from rating curve extended above 7,500 ft³/s on basis of computation of flow over dams at gage heights 12.72 ft and 21.3 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 4,920 ft³/s, Dec. 9, gage height, 10.77 ft.

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

Date	Discharge, in ft³/s
Nov 29, 2011	1,030
Mar 15, 2012	1,140
May 11, 2012	1,680
Jul 13, 2012	76.8
Sep 6, 2012	64.2