

01104615 CHARLES RIVER ABOVE WATERTOWN DAM AT WATERTOWN, MA

MASSACHUSETTS-RHODE ISLAND COASTAL BASIN
CHARLES RIVER SUBBASIN

LOCATION.--Lat 42°21'53", long 71°11'25" referenced to North American Datum of 1927, Middlesex County, MA, Hydrologic Unit 01090001, above Watertown Dam at Watertown.

DRAINAGE AREA.--271 mi² of which 24 mi² probably is noncontributing.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Discharge records: continuous record, August 1999 to September 2000; miscellaneous discharge measurements made in water years 2001-03, 2005 to current year.

COOPERATION.--U.S. Geological Survey, National Water-Quality Assessment Program.

REMARKS.--Instantaneous discharge data presented in this table were collected to support water-quality data collected by the New England Coastal River Basins National Water-Quality Assessment Program (NAWQA).

EXTREMES FOR PERIOD OF RECORD.--

DISCHARGE: Maximum discharge, 1,370 ft³/s, Sept. 10, 1999, gage height, 5.48 ft; minimum discharge, 14 ft³/s, Sept. 7, 1999.

DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Date	Discharge, in ft³/s
Feb 8, 2012	413
Apr 11, 2012	181
Jun 13, 2012	290
Aug 9, 2012	75.9