

Prepared in cooperation with the
MASSACHUSETTS DEPARTMENT OF ENVIRONMENTAL MANAGEMENT,
OFFICE OF WATER RESOURCES, and the
MASSACHUSETTS DEPARTMENT OF ENVIRONMENTAL PROTECTION,
OFFICE OF WATERSHED MANAGEMENT

Streamflow Measurements, Basin Characteristics, and Streamflow Statistics for Low-Flow Partial-Record Stations Operated in Massachusetts from 1989 Through 1996

Water-Resources Investigations Report 99-4006

**U.S. Department of the Interior
U.S. Geological Survey**

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By KERNELL G. RIES, III

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CONVERSION FACTORS, VERTICAL DATUM, AND ABBREVIATIONS

CONVERSION FACTORS

Multiply	By	To Obtain
cubic feet per second (ft ³ /s)	0.02832	cubic meter per second
foot (ft)	0.3048	meter
inch (in.)	25.4	millimeter
mile (mi)	1.609	kilometer
square mile (mi ²)	2.590	square kilometer
Temperature in degrees Fahrenheit (°F) can be converted to degrees Celsius (°C) as follows: $^{\circ}\text{C} = 5/9 \times (^{\circ}\text{F} - 32)$.		

VERTICAL DATUM

Sea Level: In this report “sea level” refers to the National Geodetic Vertical Datum of 1929 (NGVD of 1929)--a geodetic datum derived from a general adjustment of the first-order level nets of the United States and Canada, formerly called Sea Level Datum of 1929.

ABBREVIATIONS

Organizations

USGS	U.S. Geological Survey
MOWR	Massachusetts Department of Environmental Management, Office of Water Resources

Miscellaneous

LFPR	Low-flow partial-record station
GIS	Geographic information system computer software
DEM	Digital elevation model
MOVE.1	Maintenance Of Variance Extension, type 1, method of correlation