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CONVERSION FACTORS

Multiply	By	To obtain
cubic foot (ft^3)	0.02832	cubic meter
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:

$°C = 5/9 \times (°F - 32)$

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.

ACRONYMS AND ABBREVIATIONS

Organizations

MOWR	Massachusetts Department of Environmental Management, Division of Resource Conservation, Office of Water Resources
USGS	U.S. Geological Survey
USFWS	U.S. Fish and Wildlife Service

Basin Characteristics

DA	Drainage area, in square miles
DR	Area of stratified-drift deposits, in square miles
DR/ST	Area of stratified drift per unit stream length
SLOPE	Mean basin slope, in percent
REG	Region, 0 in eastern Massachusetts, 1 in western Massachusetts

Miscellaneous

AML	A programming language for automating tasks with the Arc/Info GIS software developed by the Environmental Systems Research Institute, Inc.
BCF	Bias correction factor
DEM	Digital elevation model of topography
GIS	Geographic information system computer software
GLS	Generalized-least-squares regression analysis
LFPR	Low-flow partial-record station
OLS	Ordinary-least-squares regression analysis
MAD	Median absolute deviation, in percent
MOVE.1	Maintenance of variance extension, type 1, method of correlation
MSE	Mean square error of regression
MVUE	Minimum variance unbiased estimate of retransformation bias correction
PRESS	Prediction error sum of squares
WLS	Weighted-least-squares regression analysis