

Appendix C
CONVERSION TABLE

Multiply	By	To Obtain
AREA		
Acres	43,560	Square feet
Square kilometers	10^6	Square meters
Square kilometers	10.76×10^6	Square feet
Square kilometers	247.10	Acres
Square meters	10.76	Square feet
LENGTH		
Meters	3.28	Feet
Meters	39.36	Inches
Kilometers	0.62	Miles
Kilometers	3280.6	Feet
Centimeters	0.39	Inches
Millimeters	3.9×10^{-2}	Inches
Microns (micrometers)	3.9×10^{-5}	Inches
MASS		
Grams	2.2×10^{-3}	Pounds
Kilograms	2.20	Pounds
Metric tons	1.10	Short tons (2000 pounds)
Metric tons	0.98	Long tons (2240 pounds)
VELOCITY		
Meters per second	3.28	Feet per second
Meters per second	196.8	Feet per minute
Meters per second	2.24	Miles per hour
Meters per hour	6.21×10^{-4}	Miles per hour
VOLUME		
Cubic meters	35.3	Cubic feet
Cubic meters	264.2	Gallons
Liters	3.53×10^{-2}	Cubic feet
Liters	0.26	Gallons
PRESSURE		
Pascals	1.45×10^{-4}	Pounds per square inch

CONVERSION TABLE (Continued)

Multiply	By	To Obtain
CONCENTRATIONS		
Grams per cubic meter	6.24×10^{-5}	Pounds per cubic foot
Milligrams per liter	1	Parts per million (ppm)
BIOMASS		
Grams per square meter	2.04×10^{-2}	Pounds per square foot
Kilograms per square centimeter	14.2	Pounds per square inch
FLOW		
Liters per minute	3.48×10^{-2}	Cubic feet per minute
Liters per minute	0.26	Gallons per minute
Cubic meters per second	35.3	Cubic feet per second
Cubic meters per second	15,850	Gallons per minute
Cubic meters per day	35.3	Cubic feet per day
Cubic meters per day	264	Gallons per day
TEMPERATURE		
(Degrees centigrade + 17.78)	1.8	Degrees Fahrenheit
PREFIXES		
Kilo	$= 10^3$	
Milli	$= 10^{-3}$	
Micro	$= 10^{-6}$	
Pico	$= 10^{-12}$	
Atto	$= 10^{-18}$	