

Appendix H

Units of Measure

Symbol	Name	Symbol	Name
Temperature		Concentration	
°C	degrees Celsius	ppb	parts per billion
°F	degrees Fahrenheit	ppm	parts per million
Time		Rate	
d	day	cfs	cubic feet per second
h	hour	gpm	gallons per minute
y	year	Conductivity	
Length		µmho	micromho
cm	centimeter	Radioactivity	
ft	foot	Ci	curie
in	inch	cpm	counts per minute
km	kilometer	mCi	millicurie
m	meter	µCi	microcurie
mm	millimeter	pCi	picocurie
µm	micrometer	Bq	becquerel
Mass		Radiation Dose	
g	gram	mrad	millirad
kg	kilogram	mrem	millirem
mg	milligram	Sv	sievert
µg	microgram	mSv	millisievert
Area		µSv	microsievert
mi ²	square mile	R	roentgen
ft ²	square foot	mR	milliroentgen
Volume		µR	microroentgen
gal	gallon	Gy	gray
L	liter		
mL	milliliter		

Fractions and Multiples of Units					
Multiple	Decimal Equivalent	Prefix	Symbol	Report Format	
10^6	1,000,000	mega-	M	E+06	
10^3	1,000	kilo-	k	E+03	
10^2	100	hecto-	h	E+02	
10	10	deka-	da	E+01	
10^{-1}	0.1	deci-	d	E-01	
10^{-2}	0.01	centi-	c	E-02	
10^{-3}	0.001	milli-	m	E-03	
10^{-6}	0.000001	micro-	μ	E-06	
10^{-9}	0.000000001	nano-	n	E-09	
10^{-12}	0.000000000001	pico-	p	E-12	
10^{-15}	0.000000000000001	femto-	f	E-15	
10^{-18}	0.000000000000000001	atto-	a	E-18	

Conversion Table (Units of Radiation Measure)		
Current System	<i>Système International</i>	Conversion
curie (Ci)	becquerel (Bq)	1 Ci = 3.7×10^{10} Bq
rad (radiation absorbed dose)	gray (Gy)	1 rad = 0.01 Gy
rem (roentgen equivalent man)	sievert (Sv)	1 rem = 0.01 Sv

Conversion Table					
Multiply	By	To Obtain	Multiply	By	To Obtain
in	2.54	cm	cm	0.394	in
ft	0.305	m	m	3.28	ft
mi	1.61	km	km	0.621	mi
lb	0.4536	kg	kg	2.205	lb
liq qt-US	0.945	L	L	1.057	liq qt-US
ft ²	0.093	m ²	m ²	10.764	ft ²
mi ²	2.59	km ²	km ²	0.386	mi ²
ft ³	0.028	m ³	m ³	35.31	ft ³
d/m	0.450	pCi	pCi	2.22	d/m
pCi	10^{-6}	μ Ci	μ Ci	10^6	pCi
pCi/L (water)	10^{-9}	μ Ci/mL (water)	μ Ci/mL (water)	10^9	pCi/L (water)
pCi/m ³ (air)	10^{-12}	μ Ci/mL (air)	μ Ci/mL (air)	10^{12}	pCi/m ³ (air)