

APPENDIX C

CONVERSION TABLE

ENGLISH TO METRIC				
Symbol	From <i>English</i>	Multiply by	To <i>Metric</i>	Symbol
LENGTH				
in	inches	2.54	centimeters	cm
in	inches	25.4	millimeters	mm
ft	feet	30	centimeters	cm
ft	feet	0.3048	meter	m
yd	yard	0.9	meter	m
mi	mile	1.609	kilometer	km
AREA				
in ²	square inches	6.5	square centimeters	cm ²
ft ²	square feet	0.0929	square meters	m ²
yd ²	square yards	0.8	square meters	m ²
mi ²	square miles	2.59	square kilometers	km ²
ac	acres	4047	square meters	m ²
ac	acres	0.4	hectares	ha
VOLUME				
fl oz	fluid ounces	30	milliliters	mL
pt	pint	0.47	liter	L
qt	quart	0.95	liter	L
gal	gallon	3.8	liter	L
ft ³	cubic feet	0.0283	cubic meters	m ³
yd ³	cubic yards	0.76	cubic meters	m ³
cfs or ft ³ /s	cubic feet per second	0.0283	cubic meters per second	m ³ /s
cfs or ft ³ /s	cubic feet per second	0.646	million gallons per day	mgd
mgd	million gallons per day	0.0438	cubic meters per second	m ³ /s
mgd	million gallons per day	1.547	cubic feet per second	cfs or ft ³ /s

TEMPERATURE				
°F	degrees Fahrenheit	5/9 (°F – 32)	degrees Celsius	°C
METRIC TO ENGLISH				
Symbol	From <i>Metric</i>	Multiply by	To <i>English</i>	Symbol
LENGTH				
cm	centimeters	0.4	inches	in
m	meters	3.281	feet	ft
m	meters	1.1	yards	yd
km	kilometers	0.6214	miles	mi
AREA				
cm ²	square centimeters	0.16	square inches	in ²
m ²	square meters	10.76	square feet	ft ²
m ²	square meters	1.2	square yards	yd ²
km ²	square kilometers	0.3861	square miles	mi ²
m ²	square meters	0.0002471	acres	ac
ha	hectares (10,000 m ²)	2.5	acres	ac
VOLUME				
mL	milliliters	0.03	fluid ounces	fl oz
L	liters	2.1	pint	pt
L	liters	1.06	quart	qt
L	liters	0.26	gallon	gal
m ³	cubic meters	35.31	cubic feet	ft ³
m ³	cubic meters	1.3	cubic yards	yd ³
m ³ /s	cubic meters per second	35.31	cubic feet per second	ft ³ /s or cfs
m ³ /s	cubic meters per second	22.821	million gallons per day	mgd
TEMPERATURE				
°C	degrees Celsius	9/5 (°C + 32)	degrees Fahrenheit	°F