

APPENDIX A

Metric Conversion Chart

This appendix complies with current Army directives, which state that the metric system will be incorporated into all new publications. The following table is an English-to-metric conversion chart.

Table A-1. Metric Conversion Chart

US Units	Multiplied By	Equals Metric Units	Metric Units	Multiplied By	Equals US Units
Length					
Inches	2.5400	Centimeters	Centimeters	0.3937	Inches
Feet	0.3048	Meters	Meters	3.2808	Feet
Yards	0.9144	Meters	Meters	1.0936	Yards
Miles	1.6093	Kilometers	Kilometers	0.6214	Miles
Area					
Square inches	6.4516	Square centimeters	Square centimeters	0.1550	Square inches
Square feet	0.0929	Square meters	Square meters	10.7640	Square feet
Square yards	0.8361	Square meters	Square meters	1.1960	Square yards
Acres	0.4047	Hectares	Hectares	2.4710	Acres
Volume					
Cubic feet	0.0283	Cubic meters	Cubic meters	35.3144	Cubic feet
Cubic yards	0.7646	Cubic meters	Cubic meters	1.3079	Cubic yards
Gallons	3.7854	Liters	Liters	0.2642	Gallons
Weight					
Foot-pounds	1.3830	Newton-meters	Newton-meters	0.7380	Foot-pounds
Pounds	0.4536	Kilograms	Kilograms	2.2046	Pounds
Foot-pounds	1.3830	Newton-meters	Newton-meters	0.7380	Foot-pounds