

SYSTÈME INTERNATIONALE

For the convenience of readers who are unfamiliar with SI units the following conversion tables are given for those quantities most likely to be met in ornithology. Some measures of volume, and those for pressure and density, are omitted.

Imperial units to Metric (SI) units

Quantity	Imperial unit	SI equivalent	
		Accurate	Approximate
Length	inch	0.0254 m	4 in = 10 cm
	foot	0.3048 m	10 ft = 3 m
	yard	0.9144 m	10 yds = 9 m
	mile	1.6093 km	10 miles = 16 km
Area	sq. inch	645.16 mm ²	1 sq. in = 650 mm ²
	sq. foot	0.0929 m ²	100 sq. ft = 9.3 m ²
	sq. yard	0.836 m ²	100 sq. yd = 84 m ²
	sq. mile	2.58999 km ²	10 sq. miles = 26 km ²
	acre	0.405 ha (hectare)	10 acres = 4 ha
	cu. inch	1.6387 × 10 ⁻⁵ m ³	1 cu. in = 16 cm ³
Volume	cu. foot	0.0283 m ³	1 cu. ft = 28 litres
			1000 cu. ft = 28 m ³
Mass	ounce	0.0284 kg	1 oz = 28 gm
	pound	0.4536 kg	10 lb = 4.5 kg
Temperature	degree Fahrenheit	0.555 degree Celsius	
	(°F)	(°C)	
Temperature scale	t°F	= 5/9(t - 32)°C	

SI units to Imperial units

Quantity	SI unit	Imperial equivalent	
		Accurate	Approximate
Length	centimetre (cm)	0.394 in	10 cm = 4 in
	metre (m)	3.281 ft	10 m = 33 ft
	kilometre (km)	0.621 miles	100 km = 62 miles
	square metre	10.764 sq. ft.	10 m ² = 12 sq. yds
Area	hectare	2.471 acres	1 ha = 2.5 acres
	square kilometre	0.386 sq. miles	100 km ² = 40 sq. miles
Volume	cu. metre	35.315 cu. ft	1 m ³ = 35 cu. ft
			1 m ³ = 1.3 cu. yds
	litre (l)	0.22 UK gal	100 litres = 3.5 cu. ft.
	(1000 litres = 1 m ³)		= 22 UK gal.
Mass	kilogramme (kg)	2.205 lb	10 kg = 22 lb
	gramme (g)	0.035 oz	100 g = 3.5 oz
	gramme per cu. cm (g/cm ³)	0.036 lb/cu. in	30 g/cm ³ = 1 lb/cu. in
	Temperature degree Celsius	1.8° Fahrenheit	
Temperature scale	t°C	= 9/5t + 32°F	

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