
UNITS OF MEASUREMENT

Metric Unit	Symbol	U.S. Unit	U.S. Equivalent
meter	m	yard	1.094 yd
kilometer	km	mile	0.6214 mi
cubic meter	m ³	cubic yard	1.308 yd ³
square kilometer	km ²	square mile	0.386 sq mi
hectare	ha	acres	2.471 ac
cubic hectometer	hm ³	acre-foot*	810.68 ac-ft
gram	g	ounce	0.035 oz
kilogram	kg	pound	2.205 lb
metric ton (1,000 kg)	mt	ton	2,205 lb
milliliter	ml	fluid ounce	0.0338 oz
liter	L	quart	1.057 qt

CONCENTRATION UNITS[†]

Metric Unit	Symbol	Ratio Equivalent [‡]	
milligram/liter	mg/L	parts per million	1 ppm = 1 mg/L
microgram/liter	µg/L	parts per billion	1 ppb = 1 µg/L
nanogram/liter	ng/L	parts per trillion	1 ppt** = 1 ng/L

Other common units:

cfs	cubic feet per second
mgd	million gallons per day
NTU	nephelometric turbidity unit
psu	practical salinity units
SU	standard units
µmhos/cm	micromhos per centimeter
µS/cm	microsiemens per centimeter

* This U.S. unit of measure is commonly used to express large volumes of water. It is used throughout the *2012 South Florida Environmental Report*, although related data may be stated in metric units.

‡ Assumes subject water has a density of 1 g/ml.

† Water quality data are typically reported in metric units, such as µg/L. However, public policy documents often express water quality information in U.S. units, such as ppb. Soil/sediment data are typically reported in mg/kg or ppm. These units are used in the *2012 South Florida Environmental Report*, depending on the appropriate context.

** Usually used to denote parts per trillion, although sometimes for parts per thousand, depending on the appropriate context.