WEIGHTS, VOLUMES, TEMPERATURES, & OTHER

Convert From	Into	Multiply By
	liter	1000
stilb	candle/sq cm	1
	candle/sq inch	6.4516
	lambert	3.14159
stokes	sq cm/sec	1
	sq inch/sec	0.1550003
	sq meter/sec	1×10^{-4}
stone	cental (US)	0.14
	pound	14
tablespoon (US measure)	cup (US measure)	0.0625
	drop (US, liq)	180
	gill (US)	0.125
	liter	0.0148
	ounce (US, liq)	0.5
	quart (US, liq)	0.015625
	teaspoon (US measure)	3
teaspoon (US measure)	cup (US measure)	0.0208333
	drop (US, liq)	60
	gill (US)	0.04167
	liter	0.0049
	ounce (US, liq)	0.16667
	pinch	3 to 4
	pint (US, liq)	0.01042
	quart (US, liq)	0.00521
	tablespoon (US measure)	0.3333
tesla	gauss	1×10^{4}
	line/sq inch	6.452×10^{4}
	weber/sq cm	1×10^{-4}
	weber/sq inch	6.452×10^{-4}
	weber/sq meter	1
therm (US)	Btu (15°C)	100000
tierce	gallon (wine)	42
tonne	kilogram	1000
ton (long)	hundredweight (long)	20
	hundredweight (short)	22.4
	kilogram	1016.05
	ounce (avdp)	35840
	pound (apoth or troy)	2722.2
	pound (avdp)	2240
	ton (metric)	1.01605
	ton (short)	1.12
ton–force (long)	dyne	9.964×10^{8}
	newton	9964.02
ton (metric)	gram	1×10^{6}
	hundredweight (short)	22.0462
	kilogram	1000
	ounce (avdp)	35273.96
	pound (apoth or troy)	2679.23
	pound (avdp)	2204.62
	tonne	1
	ton (long)	0.98421
	ton (short)	1.1023
ton–force (metric)	dyne	9.80665×10^{8}
	newton	9806.65
ton (short)	hundredweight (short)	20
	kilogram	907.185
	ounce (avdp)	32000
	pound (apoth or troy)	2430.55
	pound (avdp)	2000
	ton (long)	0.89286
	ton (metric)	0.90718
ton–force (short)	dyne	8.8964×10^{8}
	newton	8896.44
ton–force (long)/sq ft	atmosphere (std)	1.0585
	dyne/sq cm	1.0725×10^{6}
	gram–force/sq cm	1093.66
	newton/sq meter	1.0725×10^{5}
	pascal	1.0725×10^{5}
	pound–force/sq ft	2240
ton–force (short)/sq ft	atmosphere (std)	0.9451
	dyne/sq cm	957605
	gram–force/sq cm	976.49
	newton/sq meter	9.5761×10^{4}
	pascal	9.5761×10^{4}
	pound–force/sq inch	13.889
ton–force (long)/sq in	atmosphere (std)	152.423
	dyne/sq cm	1.544×10^{8}
	gram–force/sq cm	157488
	newton/sq meter	1.5443×10^{7}
	pascal	1.5443×10^{7}
ton-force (short)/sq in	dyne/sq cm	1.37895×10^{8}
	kg–force/sq mm	1.40614
	newton/sq meter	1.379×10^{7}
	pascal	1.379×10^{7}
	pound–force/sq inch	2000
ton of refrigeration	Btu/hr (IST)	12000
ton of water/24 hr	pound of water/hr	83.333
	gallon/min	0.16643
	cu ft/hr	1.3349
torr (0°C)	mm of Hg @ 0°C	0.99999986
	pascal	133.322
township (US Survey)	acre (US Survey)	23040
	section (US Survey)	36
	sq kilometer	93.2399
	sq mile (US Survey)	36
tun (US, liq)	gallon (US, liq)	252
	hogshead (US)	4
	pipe (US, liq)	2
	puncheon	3
volt	abvolt	1×10^{8}
	statvolt	0.003336
	volt (Int)	0.99966
volt (Int)	volt	1.00033
volt coulomb	joule (Int)	0.9998
volt second	maxwell	1×10^{8}
	weber	1
volt/meter	abvolt/cm	1×10^{6}
	kilovolt/cm	1×10^{-5}
	newton/coulomb	1
	statvolt/meter	3.33564×10^{-5}
volt/in	volt/cm	0.393701
	volt/meter	39.3701
	volt/mil	0.001
watt	Btu/hr (IST)	3.41214
	Btu (mean)/hr	3.4095
	Btu (mean)/min	0.056825
	Btu/sec (IST)	0.000948
	Btu (mean)/sec	0.000947
	calorie/hr (thermo)	860.42
	calorie (mean)/hr	859.18
	calorie (@20°C)/hr	860.85
	calorie/min (thermo)	14.34
	calorie (IST)/min	14.331
	calorie (mean)/min	14.3197
	calorie, kg/min (thermo)	0.01434
	calorie, kg (IST)/min	0.01433
	calorie, kg (mean)/min	0.01432
	erg/sec	1×10^{7}
	foot pound–force/min	44.2537
	foot pound–force/sec	0.737562
	horsepower	0.001341
	horsepower (boiler)	0.000102
	horsepower (electric)	0.0013405
	horsepower (metric)	0.0013596
	joule/sec	1
	kilogram–calorie/min(IST)	0.01433
	kilowatt	0.001
	liter atmosphere/hr	35.529
	watt (Int, 1948)	0.99984
watt (Int)	Btu/hr (thermo)	3.41499
	Btu (mean)/hr	3.41007
	Btu/min (thermo)	0.569165
	Btu (mean)/min	0.0568
	calorie/hr (thermo)	860.56
	calorie (mean)/hr	859.326
	calorie, kg/min (thermo)	0.01434
	calorie, kg (IST)/min	0.01433
	calorie, kg (mean)/min	0.01432
	erg/sec	1.000165×10^{7}
	joule (Int)/sec	1
	watt	1.000165
watt/sq cm	Btu/(hr x sq ft) (thermo)	3172.1
	calorie/(hr x sq cm)	860.421
	foot lbf/(min x sq ft)	41113
watt/sq in	Btu/(hr x sq ft) (thermo)	491.68
	calorie/(hr x sq cm)	133.365
	foot lbf/(min x sq ft)	6372.5
watt/sq meter	foot lbf/hr sq meter	2655.2
	horsepower/sq meter	0.00134
	joule/hr sq meter	3600
	joule/sec sq meter	1
	kilowatt/sq meter	0.001
watt/meter K	Btu/hr foot °F (IST)	0.5778
	kilocalorie/hr foot °C	0.26208
watthour	Btu (thermo)	3.4144
	Btu (mean)	3.4095
	calorie (thermo)	860.42
	calorie, kg (mean)	0.85918
	calorie (mean)	859.18
	erg	3.6×10^{10}
	foot pound–force	2655.22
	hp hour	0.00134
	joule	3600
	joule (US legal 1948)	3599.41
	kg-calorie (thermo)	0.8604
	kg–force meter	367.098
	kilowatthour	0.001
	watthour (Int 1948)	0.9998
wattsecond	foot pound–force	0.73756
	gram–force cm	10197.2
	joule	1
	liter atmosphere	0.00987
	volt coulomb	1
weber	kiloline	1×10^{3}
	line	1×10^{8}
	maxwell	1×10^{8}
	volt second	1
weber/sq cm	gauss	1×10^{4}
	line/sq cm	1×10^{8}
	line/sq in	6.4516×10^{8}
	tesla	1×10^{4}
weber/sq in	gauss	1.550003×10^{7}
	line/sq inch	1×10^{8}
	weber/sq cm	0.155
	weber/sq meter	1550
	tesla	1.550003×10^{3}
weber/sq meter	gauss	1×10^{4}
	line/sq inch	6.452×10^{4}
	tesla	1
	weber/sq cm	1×10^{-4}
	weber/sq inch	6.452×10^{-4}
week (mean calendar)	day (mean solar)	7
	day (sidereal)	7.01916
	hour (mean solar)	168