WEIGHTS, VOLUMES, TEMPERATURES, & OTHER

Convert From	Into	Multiply By
	foot poundal	2.373×10^{-6}
	foot pound–force	7.376×10^{-8}
	gram–force cm	0.0010197
	horsepower hour	3.725×10^{-14}
	joule	1×10^{-7}
	joule (US Int)	9.998×10^{-8}
	kilowatthour	2.778×10^{-14}
	kg–force meter	1.0197×10^{-8}
	liter atmosphere	9.869×10^{-10}
	watthour	0.278×10^{-10}
	wattsecond	1×10^{-7}
erg/sec	Btu/min (thermo)	5.691×10^{-9}
erg/sec	calorie, kg/minute (IST)	1.43×10^{-9}
	calorie/min (IST)	1.4331×10^{-6}
	dyne–cm/sec	1
	foot pound–force/min	4.425×10^{-6}
	foot pound–force/sec	7.376×10^{-8}
	gram–force cm/sec	0.0010197
	horsepower	1.341×10^{-10}
	joule/sec	1×10^{-7}
erg/sq cm	dyne/cm	1
	erg/sq mm	0.01
erg/sq mm	dyne/cm	100
	erg/sq cm	100
erg sec	Planck constant	1.5092×10^{-34}
faraday (chem)	ampere hour	26.8
	coloumb	9.649×10^{4}
faraday/sec	ampere (absolute)	9.65×10^{4}
farad	abfarad	1×10^{-9}
	farads (Int)	1.00049
	microfarad	1×10^{6}
	statfarad	8.98755×10^{11}
farads (Int)	farad	0.9995
fathom (US Survey)	centimeter	182.88
	foot (US Survey)	6
	furlong (US Survey)	0.0090909
	Inch (US Survey)	72
	meter	1 8288
	mile (naut,Int)	0.00098747
	mile (US statute)	0.0011363
	yard (US Survey)	2
fifth (US, liq)	jigger (US, liq)	17.067
	liter	0.75708
	ounce (US, liq)	25.6
	pint (US, liq)	1.6
	pony (US, liq)	25.6
	quart (US, liq)	0.8
	shot (US, liq)	25.6
firkin (UK)	bushel (UK)	1.125
	cu cm	40914.8
	cu foot	1.44489
	firkin (UK)	1.20095
	gallon (UK)	9
	liter	40.91481
	pint (UK)	72
firkin (US)	barrel (US, dry)	0.294643
	barrel (US, liq)	0.285714
	bushel (US, dry)	0.966788
	cu foot	1 203125
	firkin (UK)	0.832674
	gallon (US, liq)	9
	liter	34.0687
	pint (US, liq)	72
flask of mercury	kilogram	34.473
foot	centimeter	30.48
	chain (Gunter)	0.015151
	fathom (US Survey)	0.166667
	foot (US Survey)	0.999998
	furlong (US Survey)	0.001515
	inch	12
	kilometer	3.048×10^{-4}
	meter	0.3048
	micron	304800
	mile (naut Int)	0.000165
	mile (US statute)	0.000189
	millimeter	304.8
	mil	1.2×10^{4}
	rod (US Survey)	0.060606
	rope (UK)	0.05
	yard	0.333333
foot (US Survey)	centimeter	30.48006
	chain (Gunter)	0.015152
	chain (Ramden)	0.01000002
	foot	1.000002
	inch	12.000024
	link (Gunter)	1.515155
	link (Ramden)	1.000002
foot (US Survey)	meter	0.304801
	mile (US statute)	0.00018939
	rod (US Survey)	0.06060618
	yard	0.333334
foot of air @ 60°F	atmosphere (std)	3.608×10^{-6}
	ft of Hg @ 32°F	0.0009
	ft of H_2O @ 60°F	0.00122
	in of Hg @ 32°F	0.00108
	pound–force/sq in	0.00053
foot of Hg @ 32°F	cm of Hg @ 0°C	30.48
	ft of H_2O @ 60°F	13.6066
	in of H_2O @ 60°F	163.3
	ounce–force/sq in	94.302
	pound–force/sq in	5.8938
foot of H_2O @ 4°C	atmosphere (std)	0.0295
	cm of Hg @ 0°C	2.24198
	dyne/sq cm	29890.7
	gram–force/sq cm	30.48
	in of Hg @ 32°F	0.882671
	kg–force/sq meter	304.8
	newton/sq meter	2989.07
	pascal	2989.07
	pound–force/sq foot	62.428
	pound–force/sq inch	0.433528
foot/hour	cm/hr	30.48
	cm/minute	0.508
	cm/second	0.008467
	foot/minute	0.016667
	inch/hour	12
	kilometer/hr	0.0003048
	kilometer/min	5.08×10^{-5}
	knots (Int)	0.00016458
	mile/hr	0.0001894
	mile/min	3.15656×10^{-6}
	mile/sec	5.2609×10^{-8}
foot/minute	cm/sec	0.508
	foot/sec	0.016667
	kilometer/hr	0.018288
	meter/min	0.3048
	meter/sec	0.00508
	mile/hr	0.011364
foot/second	cm/sec	30.48
	kilometer/hr	1.09728
	kilometer/min	0.01829
foot/second	knot	0.5925
	meter/min	18.288
	mile/hr	0.681818
	mile/min	0.011364
foot/(sec x sec)	cm/(sec x sec)	30.48
	km/(hr x sec)	1.0973
	meter/(sec x sec)	0.3048
	mile/(hr x sec)	0.681818
foot/100 foot	percent grade	1footcandle
lumen/sq ft	foot-candle	1
	lumen/sq meter	10.7639
	lux	10.7639
	milliphot	1.07639
footlambert	candle/sq cm	0.00034
	candle/sq ft	0.31831
	millilambert	1.07639
	lambert	0.0010764
	lumen/sq ft	1
foot poundal	Btu (thermo)	3.9968×10^{-5}
	Btu (IST)	3.9941×10^{-5}
	Btu (mean)	3.991×10^{-5}
	calorie (thermo)	0.010072
	calorie (IST)	0.010065
	calorie (mean)	0.010057
	cu cm atmosphere	0.41589
	cu ft atmosphere	1.4687×10^{-5}
	dyne cm	4.21401×10^{4}
	erg	4.21401×10^{4}
	foot pound–force	0.03108
	hp hour	1.5697×10^{-8}
	joule	0.0421401
	joule (Int)	0.042132
	kg–force meter	0.004297
	kilowatthour	1.1706×10^{-6}
	liter atmosphere	0.0004159
foot pound force	Btu (thermochemical)	0.0012859
	Btu (IST)	0.0012851
	Btu (mean)	0.0012841
	calorie (thermo)	0.3240483
	calorie (IST)	0.3238316
	calorie (mean)	0.3235827
	calorie @ 20°C	0.32421
	calorie, kg (IST)	0.0003238
	cu ft atmosphere	0.0004725
	dyne cm	1.3558179×10^{7}
	erg	1.3558179×10^{7}
	foot poundal	32.174049
	gram–force cm	13825.5
	hp hour	5.0505051×10^{-7}
	joule	1.3558179
	kg–force meter	0.13825495
	kilowatthour	3.766161×10^{-7}
	kilowatthour (Int)	3.765544×10^{-7}
	liter atmosphere	0.01338088
	newton meter	1.3558179
	watthour	0.0003766161
foot pound–force/hr	Btu/min (thermo)	2.1432×10^{-5}
	Btu (mean)/min	2.1401×10^{-5}
	calorie/min (thermo)	0.0054
	calorie (mean)/min	0.00539
	erg/min	2.2597×10^{5}
	foot pound–force/min	0.016667
	horsepower	5.0505×10^{-7}
	horsepower (metric)	5.1205×10^{-7}
	kilowatt	3.7662×10^{-7}
	watt	0.00037662
	watt (Int)	0.00037655
foot pound–force/min	Btu/minute (thermo)	1.286×10^{-3}
	Btu/sec (thermo)	2.1433×10^{-5}
	Btu (mean)/sec	2.1401×10^{-5}
	calorie/sec (thermo)	0.0054
	calorie (mean)/sec	0.00539
	calorie, kg(thermo)/min	3.24×10^{-4}
	erg/sec	2.2597×10^{5}
	foot pound–force/sec	0.01667