

Conversion Factors

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To Convert	Into	Multiply By
Barrels (U.S., dry)	cu inches	7,056.0
Barrels (U.S., dry)	quarts (dry)	105.0
Barrels (U.S., liquid)	gallons	31.5
barrels (oil)	gallons (oil)	42.0
bars	atmospheres	0.9869
bars	dynes/sq cm	10 6
bars	kgs/sq meter	1.020 x 10 ⁴
bars	pounds/sq ft	2,089.0
bars	pounds/sq in	14.50
Baryl	Dyne/sq cm	1.000
Bolt (U.S. Cloth)	Meters	36.576
BTU	Liter—Atmosphere	10.409
Btu	ergs	1.0550 x 10 ¹⁰
Btu	foot-lbs	778.3
Btu	gram-calories	252.0
Btu	horsepower-hrs	3.931 x 10 ⁻⁴
Btu	joules	1,054.8
Btu	kilogram-calories	0.2520
Btu	kilogram-meters	107.5
Btu	kilowatt-hrs	2.298 x 10 ⁻⁴
Btu/hr	foot-pounds/sec	0.2162
Btu/hr	gram-cal/sec	0.0700
Btu/hr	horsepower-hrs	3.929 x 10 ⁻⁴
Btu/hr	watts	0.2931
Btu/min	foot-pounds/sec	12.96
Btu/min	horsepower	0.02356
Btu/min	kilowatts	0.01757
Btu/min	watts	17.57
Btu/sq ft/min	watts/sq in	0.1221
Bucket (Br. dry)	Cubic Cm (mL)	1.818 x 10 ⁴
bushels	cu ft	1.2445
bushels	cu in	2,150.4
bushels	cu meters	0.03524
bushels	liters	35.24
bushels	pecks	4.0
bushels	pints (dry)	64.0
bushels	quarts (dry)	32.0