



Conversion Table: Acceleration

Unit Name	Relation to: meter/square second [m/s ²]
foot/(hour minute) [fph/min]	1.411111E-6 [m/s ²]
foot/(hour second) [fph/s]	8.466667E-5 [m/s ²]
foot/(minute second) [fpm/s]	0.00508 [m/s ²]
foot/square hour [ft/hr ²]	2.351852E-8 [m/s ²]
foot/square minute [ft/min ²]	8.466667E-5 [m/s ²]
foot/square second [ft/s ²]	0.3048 [m/s ²]
gal	0.01 [m/s ²]
milligal	1E-5 [m/s ²]
centigal	1E-4 [m/s ²]
kilogal	10 [m/s ²]
galileo [Gal]	0.01 [m/s ²]
milligalileo	1E-5 [m/s ²]
centigalileo	1E-4 [m/s ²]
kilogalileo	10 [m/s ²]
gravity [g]	9.80665 [m/s ²]
g-units [G]	9.80665 [m/s ²]
inch/(hour minute) [iph/min]	1.175926E-7 [m/s ²]
inch/(hour second) [iph/s]	7.055556E-6 [m/s ²]
inch/(minute second) [ipm/s]	4.233333E-4 [m/s ²]
inch/square hour [in/hr ²]	1.959877E-9 [m/s ²]
inch/square minute [in/min ²]	7.055556E-6 [m/s ²]
inch/square second [in/s ²]	0.0254 [m/s ²]
knot/hour [kn/hr]	1.429012E-4 [m/s ²]
knot/minute [kn/min]	0.008574074074074074 [m/s ²]
knot/second [kn/s]	0.5144444444444444 [m/s ²]
knot/millisecond [kn/ms]	514.4444444444444 [m/s ²]
meter/square hour [m/hr ²]	7.716049E-8 [m/s ²]
millimeter/square hour	7.716049E-11 [m/s ²]
centimeter/square hour	7.716049E-10 [m/s ²]
kilometer/square hour	7.716049E-5 [m/s ²]
meter/square minute [m/min ²]	2.777778E-4 [m/s ²]
millimeter/square minute	2.777778E-7 [m/s ²]
centimeter/square minute	2.777778E-6 [m/s ²]
kilometer/square minute	0.2777777777777778 [m/s ²]



SmartConversion

Category: Acceleration

Provided by: Smart Conversion

URL: <http://www.smartconversion.com>

meter/square second [m/s ²]	1 [m/s ²]
millimeter/square second [mm/s ²]	0.001 [m/s ²]
centimeter/square second [cm/s ²]	0.01 [m/s ²]
kilometer/square second [km/s ²]	1000 [m/s ²]
mile/(hour minute)	0.007450666666666667 [m/s ²]
mile/(hour second)	0.44704 [m/s ²]
mile/(minute second)	26.8224 [m/s ²]
mile/square hour [mi/hr ²]	1.241778E-4 [m/s ²]
mile/square minute [mi/min ²]	0.44704 [m/s ²]
mile/square second [mi/s ²]	1609.344 [m/s ²]