

FLOW VOLUME MASS

FLOW CONVERSION TABLE

	Liters per second	Liters per minute	Liters per hour	Cubic feet per second	Cubic feet per minute	Gallons (US) per second	Gallons (US) per minute	Million gallons (US) per day
	(l/s)	(l/m)	(l/hr)	(CFS)	(CFM)	(GPS)	(GPM)	(MGD)
l/s	1	60.0000	3600.00	0.0353157	2.11894	0.264179	15.85077	0.0228251
l/m	0.01666667	1	60.0000	5.88594e-4	0.0353157	0.00440299	0.264179	3.80418e-4
l/hr	2.77778e-4	0.01666667	1	9.80990e-6	5.88594e-4	7.33832e-5	0.00440299	6.34031e-6
CFS	28.3161	1698.963	101937.8	1	60.0000	7.48052	448.831	0.646317
CFM	0.471934	28.3161	1698.963	0.01666667	1	0.1246753	7.48052	0.01077195
GPS	3.78531	227.118	13627.10	0.1336806	8.02083	1	60.0000	0.0864000
GPM	0.0630884	3.78531	227.118	0.00222801	0.1336806	0.01666667	1	0.001440000
MGD	43.8114	2628.68	157721.1	1.547229	92.8337	11.57407	694.444	1

VOLUME CONVERSION TABLE

	Liter	Cubic cm (cc)	Cubic meters	Gallons (US)	Cubic in. (cu in.)	Cubic ft. (cu ft)	Acre ft	Cu ft per sec day (CFSD)
Liter	1	1000.028	0.001000028	0.264179	61.0255	0.0353157	8.10736e-7	4.08746e-7
cc	9.99972e-4	1	1e-6	2.64172e-4	0.0610237	3.53147e-5	8.10713e-10	4.08735e-10
cu meters	999.972	1e6	1	264.172	61023.7	35.3147	8.10713e-4	4.08735e-4
Gal.(US)	3.78531	3785.41	0.00378541	1	2310.1336806	3.06888e-6	1.547229e-6	
cu in.	0.01638661	16.38706	1.638706e-5	0.00432900	1	5.78704e-4	1.328521e-8	6.69796e-9
cu ft.	28.3161	28316.8	0.0283168	7.48052	1728	1	2.29568e-5	1.157407e-5
Acre ft	1.233447e6	1.233482e9	1233.482	325851	7.52717e7	43560.0	1	0.504167
CFSD	2.44651e6	2.44658e9	2446.58	646317	1.492992e8	86400	1.983471	1

MASS CONVERSION TABLE (“WEIGHT”)

	Kilogram (kg)	Grams (g)	Pounds (lb)	Ounce (oz)
kilograms (kg)	1	1000	2.20462	35.2740
grams (g)	0.001	1	0.00220462	0.0352740
pounds (lb)	0.453592	453.592	1	16
ounces (oz)	0.0283495	28.3495	0.0625000	1

Example

To convert pounds into ounces, find the row that is labeled “lb.” Look across to the column labeled “ounce.” The number at that intersection is 16. Multiply pounds by 16 to convert to ounces. $22 \times 16 = 352$ | Therefore 22 pounds is the same as 352 ounces.