

Composition of the atmosphere

Composition of atmosphere's air, after water is removed - table

Component symbol	Component name	Concentration in [ppm]	Concentration in [%]
N ₂	Nitrogen	780 840	78.08%
O ₂	Oxygen	209 460	20.95%
Ar	Argon	9 340	0.93%
CO ₂	Carbon dioxide	394.45	0.04%
Ne	Neon	18.18	0.00%
He	Helium	5.24	0.00%
CH ₄	Methane	1.79	0.00%
Kr	Krypton	1.14	0.00%
H ₂	Hydrogen	0.55	0.00%
N ₂ O	Nitrus oxide	0.33	0.00%
CO	Carbon monoxide	0.10	0.00%
Xe	Xenon	0.09	0.00%
O ₃	Ozone	0.07	0.00%
NO ₂	Nitrogen dioxide	0.02	0.00%

Content of water in the atmosphere

Component symbol	Component name	Concentration in [ppm]	Concentration in [%]
H ₂ O	Over whole atmosphere	~400	0.04%
H ₂ O	Near surface, typically	1000 ÷ 4000	0,1% ÷ 0,4%

Composition of atmosphere's air, after water is removed - graph

