

Typical composition of The Earth's Atmosphere in PPM

Main gases	Composition	
	dry	humid
N ₂ - Nitrogen	780 840	768 543
O ₂ - Oxygen	209 450	206 152
H ₂ O - Water vapour	0	15 748
Ar - Argon	9 340	9 193
CO ₂ - Carbon dioxide	340	335
Trace gases		
Ne - Neon	18	18
He - Helium	5	5
CH ₄ - Methane	1.8	1.8
Kr - Krypton	1.1	1.1
H ₂ - Hydrogen	0.5	0.5
N ₂ O - Nitrous oxide	0.3	0.3
CO - Carbon monoxide	0.09	0.09
Xe - Xenon	0.09	0.09
O ₃ - Ozone	0.07	0.07
further trace gases	3.05	3.0
In total	1000 000	1000 000

1 Vol% = 10 000 ppm (= parts per million); assumption: rel. humidity 68% RH at 20°C