At 0.0 km, Pressure is 1013.0 mbar, Total density is 2.45e+19 cm-3, temperature is 299.7 K

Molecular densities of H20 is 25930.0 ppmv

Molecular densities of CO2 is 330.0 ppmv

Molecular densities of O3 is 0.02869 ppmv

Molecular densities of N2O is 0.32 ppmv

Molecular densities of CO is 0.15 ppmv

Molecular densities of CH4 is 1.7 ppmv

Molecular densities of O2 is 209000.0 ppmv

At 1.0 km, Pressure is 904.0 mbar, Total density is 2.231e+19 cm-3, temperature is 293.7 K

Molecular densities of H20 is 19490.0 ppmv

Molecular densities of CO2 is 330.0 ppmv

Molecular densities of O3 is 0.0315 ppmv

Molecular densities of N2O is 0.32 ppmv

Molecular densities of CO is 0.145 ppmv

Molecular densities of CH4 is 1.7 ppmv

Molecular densities of O2 is 209000.0 ppmv

At 2.0 km, Pressure is 805.0 mbar, Total density is 2.028e+19 cm-3, temperature is 287.7 K

Molecular densities of H20 is 15340.0 ppmv

Molecular densities of CO2 is 330.0 ppmv

Molecular densities of O3 is 0.03342 ppmv

Molecular densities of N2O is 0.32 ppmv

Molecular densities of CO is 0.1399 ppmv

Molecular densities of CH4 is 1.7 ppmv

Molecular densities of O2 is 209000.0 ppmv

At 3.0 km, Pressure is 715.0 mbar, Total density is 1.827e+19 cm-3, temperature is 283.7 K

Molecular densities of H20 is 8600.0 ppmv

Molecular densities of CO2 is 330.0 ppmv

Molecular densities of O3 is 0.03504 ppmv

Molecular densities of N2O is 0.32 ppmv

Molecular densities of CO is 0.1349 ppmv

Molecular densities of CH4 is 1.7 ppmv

Molecular densities of O2 is 209000.0 ppmv

At 4.0 km, Pressure is 633.0 mbar, Total density is 1.656e+19 cm-3, temperature is 277.0 K

Molecular densities of H20 is 4441.0 ppmv

Molecular densities of CO2 is 330.0 ppmv

Molecular densities of O3 is 0.03561 ppmv

Molecular densities of N2O is 0.32 ppmv

Molecular densities of CO is 0.1312 ppmv

Molecular densities of CH4 is 1.7 ppmv

Molecular densities of O2 is 209000.0 ppmv

At 5.0 km, Pressure is 559.0 mbar, Total density is 1.499e+19 cm-3, temperature is 270.3 K

Molecular densities of H20 is 3346.0 ppmv

Molecular densities of CO2 is 330.0 ppmv

Molecular densities of O3 is 0.03767 ppmv

Molecular densities of N2O is 0.32 ppmv

Molecular densities of CO is 0.1303 ppmv

Molecular densities of CH4 is 1.7 ppmv

Molecular densities of O2 is 209000.0 ppmv

At 6.0 km, Pressure is 492.0 mbar, Total density is 1.353e+19 cm-3, temperature is 263.6 K

Molecular densities of H20 is 2101.0 ppmv

Molecular densities of CO2 is 330.0 ppmv

Molecular densities of O3 is 0.03989 ppmv

Molecular densities of N2O is 0.32 ppmv

Molecular densities of CO is 0.1288 ppmv

Molecular densities of CH4 is 1.7 ppmv

Molecular densities of O2 is 209000.0 ppmv

At 7.0 km, Pressure is 432.0 mbar, Total density is 1.218e+19 cm-3, temperature is 257.0 K

Molecular densities of H20 is 1289.0 ppmv

Molecular densities of CO2 is 330.0 ppmv

Molecular densities of O3 is 0.04223 ppmv

Molecular densities of N2O is 0.32 ppmv

Molecular densities of CO is 0.1247 ppmv

Molecular densities of CH4 is 1.699 ppmv

Molecular densities of O2 is 209000.0 ppmv

At 8.0 km, Pressure is 378.0 mbar, Total density is 1.095e+19 cm-3, temperature is 250.3 K

Molecular densities of H20 is 763.7 ppmv

Molecular densities of CO2 is 330.0 ppmv

Molecular densities of O3 is 0.04471 ppmv

Molecular densities of N2O is 0.32 ppmv

Molecular densities of CO is 0.1185 ppmv

Molecular densities of CH4 is 1.697 ppmv

Molecular densities of O2 is 209000.0 ppmv

At 9.0 km, Pressure is 329.0 mbar, Total density is 9.789e+18 cm-3, temperature is 243.6 K

Molecular densities of H20 is 409.8 ppmv

Molecular densities of CO2 is 330.0 ppmv

Molecular densities of O3 is 0.05 ppmv

Molecular densities of N2O is 0.3195 ppmv

Molecular densities of CO is 0.1094 ppmv

Molecular densities of CH4 is 1.693 ppmv

Molecular densities of O2 is 209000.0 ppmv

At 10.0 km, Pressure is 286.0 mbar, Total density is 8.747e+18 cm-3, temperature is 237.0 K

Molecular densities of H20 is 191.2 ppmv

Molecular densities of CO2 is 330.0 ppmv

Molecular densities of O3 is 0.05595 ppmv

Molecular densities of N2O is 0.3179 ppmv

Molecular densities of CO is 0.09962 ppmv

Molecular densities of CH4 is 1.685 ppmv

Molecular densities of O2 is 209000.0 ppmv

At 11.0 km, Pressure is 247.0 mbar, Total density is 7.78e+18 cm-3, temperature is 230.1 K

Molecular densities of H20 is 73.06 ppmv

Molecular densities of CO2 is 330.0 ppmv

Molecular densities of O3 is 0.06613 ppmv

Molecular densities of N2O is 0.314 ppmv

Molecular densities of CO is 0.08964 ppmv

Molecular densities of CH4 is 1.675 ppmv

Molecular densities of O2 is 209000.0 ppmv

At 12.0 km, Pressure is 213.0 mbar, Total density is 6.904e+18 cm-3, temperature is 223.6 K

Molecular densities of H20 is 29.05 ppmv

Molecular densities of CO2 is 330.0 ppmv

Molecular densities of O3 is 0.07815 ppmv

Molecular densities of N2O is 0.3095 ppmv

Molecular densities of CO is 0.07814 ppmv

Molecular densities of CH4 is 1.662 ppmv

Molecular densities of O2 is 209000.0 ppmv

At 13.0 km, Pressure is 182.0 mbar, Total density is 6.079e+18 cm-3, temperature is 217.0 K

Molecular densities of H20 is 9.9 ppmv

Molecular densities of CO2 is 330.0 ppmv

Molecular densities of O3 is 0.09289 ppmv

Molecular densities of N2O is 0.3048 ppmv

Molecular densities of CO is 0.06374 ppmv

Molecular densities of CH4 is 1.645 ppmv

Molecular densities of O2 is 209000.0 ppmv

At 14.0 km, Pressure is 156.0 mbar, Total density is 5.377e+18 cm-3, temperature is 210.3 K

Molecular densities of H20 is 6.22 ppmv

Molecular densities of CO2 is 330.0 ppmv

Molecular densities of O3 is 0.105 ppmv

Molecular densities of N2O is 0.2999 ppmv

Molecular densities of CO is 0.05025 ppmv

Molecular densities of CH4 is 1.626 ppmv

Molecular densities of O2 is 209000.0 ppmv

At 15.0 km, Pressure is 132.0 mbar, Total density is 4.697e+18 cm-3, temperature is 203.7 K

Molecular densities of H20 is 4.0 ppmv

Molecular densities of CO2 is 330.0 ppmv

Molecular densities of O3 is 0.1256 ppmv

Molecular densities of N2O is 0.2944 ppmv

Molecular densities of CO is 0.03941 ppmv

Molecular densities of CH4 is 1.605 ppmv

Molecular densities of O2 is 209000.0 ppmv

At 16.0 km, Pressure is 111.0 mbar, Total density is 4.084e+18 cm-3, temperature is 197.0 K

Molecular densities of H20 is 3.0 ppmv

Molecular densities of CO2 is 330.0 ppmv

Molecular densities of O3 is 0.1444 ppmv

Molecular densities of N2O is 0.2877 ppmv

Molecular densities of CO is 0.03069 ppmv

Molecular densities of CH4 is 1.582 ppmv

Molecular densities of O2 is 209000.0 ppmv

At 17.0 km, Pressure is 93.7 mbar, Total density is 3.486e+18 cm-3, temperature is 194.8 K

Molecular densities of H20 is 2.9 ppmv

Molecular densities of CO2 is 330.0 ppmv

Molecular densities of O3 is 0.25 ppmv

Molecular densities of N2O is 0.2783 ppmv

Molecular densities of CO is 0.02489 ppmv

Molecular densities of CH4 is 1.553 ppmv

Molecular densities of O2 is 209000.0 ppmv

At 18.0 km, Pressure is 78.9 mbar, Total density is 2.877e+18 cm-3, temperature is 198.8 K

Molecular densities of H20 is 2.75 ppmv

Molecular densities of CO2 is 330.0 ppmv

Molecular densities of O3 is 0.5 ppmv

Molecular densities of N2O is 0.2671 ppmv

Molecular densities of CO is 0.01966 ppmv

Molecular densities of CH4 is 1.521 ppmv

Molecular densities of O2 is 209000.0 ppmv

At 19.0 km, Pressure is 66.6 mbar, Total density is 2.381e+18 cm-3, temperature is 202.7 K

Molecular densities of H20 is 2.6 ppmv

Molecular densities of CO2 is 330.0 ppmv

Molecular densities of O3 is 0.95 ppmv

Molecular densities of N2O is 0.2527 ppmv

Molecular densities of CO is 0.01549 ppmv

Molecular densities of CH4 is 1.48 ppmv

Molecular densities of O2 is 209000.0 ppmv

At 20.0 km, Pressure is 56.5 mbar, Total density is 1.981e+18 cm-3, temperature is 206.7 K

Molecular densities of H20 is 2.6 ppmv

Molecular densities of CO2 is 330.0 ppmv

Molecular densities of O3 is 1.4 ppmv

Molecular densities of N2O is 0.2365 ppmv

Molecular densities of CO is 0.01331 ppmv

Molecular densities of CH4 is 1.424 ppmv

Molecular densities of O2 is 209000.0 ppmv

At 21.0 km, Pressure is 48.0 mbar, Total density is 1.651e+18 cm-3, temperature is 210.7 K

Molecular densities of H20 is 2.65 ppmv

Molecular densities of CO2 is 330.0 ppmv

Molecular densities of O3 is 1.8 ppmv

Molecular densities of N2O is 0.2194 ppmv

Molecular densities of CO is 0.01232 ppmv

Molecular densities of CH4 is 1.355 ppmv

Molecular densities of O2 is 209000.0 ppmv

At 22.0 km, Pressure is 40.9 mbar, Total density is 1.381e+18 cm-3, temperature is 214.6 K

Molecular densities of H20 is 2.8 ppmv

Molecular densities of CO2 is 330.0 ppmv

Molecular densities of O3 is 2.4 ppmv

Molecular densities of N2O is 0.2051 ppmv

Molecular densities of CO is 0.01232 ppmv

Molecular densities of CH4 is 1.272 ppmv

Molecular densities of O2 is 209000.0 ppmv

At 23.0 km, Pressure is 35.0 mbar, Total density is 1.169e+18 cm-3, temperature is 217.0 K

Molecular densities of H20 is 2.9 ppmv

Molecular densities of CO2 is 330.0 ppmv

Molecular densities of O3 is 3.4 ppmv

Molecular densities of N2O is 0.1967 ppmv

Molecular densities of CO is 0.01307 ppmv

Molecular densities of CH4 is 1.191 ppmv

Molecular densities of O2 is 209000.0 ppmv

At 24.0 km, Pressure is 30.0 mbar, Total density is 9.92e+17 cm-3, temperature is 219.2 K

Molecular densities of H20 is 3.2 ppmv

Molecular densities of CO2 is 330.0 ppmv

Molecular densities of O3 is 4.3 ppmv

Molecular densities of N2O is 0.1875 ppmv

Molecular densities of CO is 0.014 ppmv

Molecular densities of CH4 is 1.118 ppmv

Molecular densities of O2 is 209000.0 ppmv

At 25.0 km, Pressure is 25.7 mbar, Total density is 8.413e+17 cm-3, temperature is 221.4 K

Molecular densities of H20 is 3.25 ppmv

Molecular densities of CO2 is 330.0 ppmv

Molecular densities of O3 is 5.4 ppmv

Molecular densities of N2O is 0.1756 ppmv

Molecular densities of CO is 0.01521 ppmv

Molecular densities of CH4 is 1.055 ppmv

Molecular densities of O2 is 209000.0 ppmv

At 27.5 km, Pressure is 17.63 mbar, Total density is 5.629e+17 cm-3, temperature is 227.0 K

Molecular densities of H20 is 3.6 ppmv

Molecular densities of CO2 is 330.0 ppmv

Molecular densities of O3 is 7.8 ppmv

Molecular densities of N2O is 0.1588 ppmv

Molecular densities of CO is 0.01722 ppmv

Molecular densities of CH4 is 0.987 ppmv

Molecular densities of O2 is 209000.0 ppmv

At 30.0 km, Pressure is 12.2 mbar, Total density is 3.807e+17 cm-3, temperature is 232.3 K

Molecular densities of H20 is 4.0 ppmv

Molecular densities of CO2 is 330.0 ppmv

Molecular densities of O3 is 9.3 ppmv

Molecular densities of N2O is 0.1416 ppmv

Molecular densities of CO is 0.01995 ppmv

Molecular densities of CH4 is 0.9136 ppmv

Molecular densities of O2 is 209000.0 ppmv

At 32.5 km, Pressure is 8.52 mbar, Total density is 2.598e+17 cm-3, temperature is 237.7 K

Molecular densities of H20 is 4.3 ppmv

Molecular densities of CO2 is 330.0 ppmv

Molecular densities of O3 is 9.85 ppmv

Molecular densities of N2O is 0.1165 ppmv

Molecular densities of CO is 0.02266 ppmv

Molecular densities of CH4 is 0.83 ppmv

Molecular densities of O2 is 209000.0 ppmv

At 35.0 km, Pressure is 6.0 mbar, Total density is 1.789e+17 cm-3, temperature is 243.1 K

Molecular densities of H20 is 4.6 ppmv

Molecular densities of CO2 is 330.0 ppmv

Molecular densities of O3 is 9.7 ppmv

Molecular densities of N2O is 0.09275 ppmv

Molecular densities of CO is 0.02487 ppmv

Molecular densities of CH4 is 0.746 ppmv

Molecular densities of O2 is 209000.0 ppmv

At 37.5 km, Pressure is 4.26 mbar, Total density is 1.243e+17 cm-3, temperature is 248.5 K

Molecular densities of H20 is 4.9 ppmv

Molecular densities of CO2 is 330.0 ppmv

Molecular densities of O3 is 8.8 ppmv

Molecular densities of N2O is 0.06693 ppmv

Molecular densities of CO is 0.02738 ppmv

Molecular densities of CH4 is 0.6618 ppmv

Molecular densities of O2 is 209000.0 ppmv

At 40.0 km, Pressure is 3.05 mbar, Total density is 8.703e+16 cm-3, temperature is 254.0 K

Molecular densities of H20 is 5.2 ppmv

Molecular densities of CO2 is 330.0 ppmv

Molecular densities of O3 is 7.5 ppmv

Molecular densities of N2O is 0.04513 ppmv

Molecular densities of CO is 0.03098 ppmv

Molecular densities of CH4 is 0.5638 ppmv

Molecular densities of O2 is 209000.0 ppmv

At 42.5 km, Pressure is 2.2 mbar, Total density is 6.147e+16 cm-3, temperature is 259.4 K

Molecular densities of H20 is 5.5 ppmv

Molecular densities of CO2 is 330.0 ppmv

Molecular densities of O3 is 5.9 ppmv

Molecular densities of N2O is 0.02751 ppmv

Molecular densities of CO is 0.0351 ppmv

Molecular densities of CH4 is 0.4614 ppmv

Molecular densities of O2 is 209000.0 ppmv

At 45.0 km, Pressure is 1.59 mbar, Total density is 4.352e+16 cm-3, temperature is 264.8 K

Molecular densities of H20 is 5.7 ppmv

Molecular densities of CO2 is 330.0 ppmv

Molecular densities of O3 is 4.5 ppmv

Molecular densities of N2O is 0.01591 ppmv

Molecular densities of CO is 0.03987 ppmv

Molecular densities of CH4 is 0.3631 ppmv

Molecular densities of O2 is 209000.0 ppmv

At 47.5 km, Pressure is 1.16 mbar, Total density is 3.119e+16 cm-3, temperature is 269.6 K

Molecular densities of H20 is 5.9 ppmv

Molecular densities of CO2 is 330.0 ppmv

Molecular densities of O3 is 3.45 ppmv

Molecular densities of N2O is 0.009378 ppmv

Molecular densities of CO is 0.04482 ppmv

Molecular densities of CH4 is 0.2773 ppmv

Molecular densities of O2 is 209000.0 ppmv

At 50.0 km, Pressure is 0.854 mbar, Total density is 2.291e+16 cm-3, temperature is 270.2 K

Molecular densities of H20 is 6.0 ppmv

Molecular densities of CO2 is 330.0 ppmv

Molecular densities of O3 is 2.8 ppmv

Molecular densities of N2O is 0.004752 ppmv

Molecular densities of CO is 0.05092 ppmv

Molecular densities of CH4 is 0.21 ppmv

Molecular densities of O2 is 209000.0 ppmv

At 55.0 km, Pressure is 0.456 mbar, Total density is 1.255e+16 cm-3, temperature is 263.4 K

Molecular densities of H20 is 6.0 ppmv

Molecular densities of CO2 is 330.0 ppmv

Molecular densities of O3 is 1.8 ppmv

Molecular densities of N2O is 0.003 ppmv

Molecular densities of CO is 0.05985 ppmv

Molecular densities of CH4 is 0.1651 ppmv

Molecular densities of O2 is 209000.0 ppmv

At 60.0 km, Pressure is 0.239 mbar, Total density is 6844000000000000.0 cm-3, temperature is 253.1 K

Molecular densities of H20 is 6.0 ppmv

Molecular densities of CO2 is 330.0 ppmv

Molecular densities of O3 is 1.1 ppmv

Molecular densities of N2O is 0.002065 ppmv

Molecular densities of CO is 0.0696 ppmv

Molecular densities of CH4 is 0.15 ppmv

Molecular densities of O2 is 209000.0 ppmv

At 65.0 km, Pressure is 0.121 mbar, Total density is 3716000000000000.0 cm-3, temperature is 236.0 K

Molecular densities of H20 is 5.4 ppmv

Molecular densities of CO2 is 330.0 ppmv

Molecular densities of O3 is 0.65 ppmv

Molecular densities of N2O is 0.001507 ppmv

Molecular densities of CO is 0.09188 ppmv

Molecular densities of CH4 is 0.15 ppmv

Molecular densities of O2 is 209000.0 ppmv

At 70.0 km, Pressure is 0.058 mbar, Total density is 1920000000000000.0 cm-3, temperature is 218.9 K

Molecular densities of H20 is 4.5 ppmv

Molecular densities of CO2 is 330.0 ppmv

Molecular densities of O3 is 0.3 ppmv

Molecular densities of N2O is 0.001149 ppmv

Molecular densities of CO is 0.1938 ppmv

Molecular densities of CH4 is 0.15 ppmv

Molecular densities of O2 is 209000.0 ppmv

At 75.0 km, Pressure is 0.026 mbar, Total density is 933800000000000.0 cm-3, temperature is 201.8 K

Molecular densities of H20 is 3.3 ppmv

Molecular densities of CO2 is 330.0 ppmv

Molecular densities of O3 is 0.18 ppmv

Molecular densities of N2O is 0.000889 ppmv

Molecular densities of CO is 0.5688 ppmv

Molecular densities of CH4 is 0.15 ppmv

Molecular densities of O2 is 209000.0 ppmv

At 80.0 km, Pressure is 0.011 mbar, Total density is 431400000000000.0 cm-3, temperature is 184.8 K

Molecular densities of H20 is 2.1 ppmv

Molecular densities of CO2 is 328.0 ppmv

Molecular densities of O3 is 0.33 ppmv

Molecular densities of N2O is 0.0007056 ppmv

Molecular densities of CO is 1.549 ppmv

Molecular densities of CH4 is 0.15 ppmv

Molecular densities of O2 is 209000.0 ppmv

At 85.0 km, Pressure is 0.0044 mbar, Total density is 180100000000000.0 cm-3, temperature is 177.1 K

Molecular densities of H20 is 1.3 ppmv

Molecular densities of CO2 is 320.0 ppmv

Molecular densities of O3 is 0.5 ppmv

Molecular densities of N2O is 0.0005716 ppmv

Molecular densities of CO is 3.849 ppmv

Molecular densities of CH4 is 0.15 ppmv

Molecular densities of O2 is 200000.0 ppmv

At 90.0 km, Pressure is 0.00172 mbar, Total density is 70430000000000.0 cm-3, temperature is 177.0 K

Molecular densities of H20 is 0.85 ppmv

Molecular densities of CO2 is 310.0 ppmv

Molecular densities of O3 is 0.52 ppmv

Molecular densities of N2O is 0.0004708 ppmv

Molecular densities of CO is 6.59 ppmv

Molecular densities of CH4 is 0.14 ppmv

Molecular densities of O2 is 190000.0 ppmv

At 95.0 km, Pressure is 0.000688 mbar, Total density is 27060000000000.0 cm-3, temperature is 184.3 K

Molecular densities of H20 is 0.54 ppmv

Molecular densities of CO2 is 270.0 ppmv

Molecular densities of O3 is 0.5 ppmv

Molecular densities of N2O is 0.0003932 ppmv

Molecular densities of CO is 10.44 ppmv

Molecular densities of CH4 is 0.13 ppmv

Molecular densities of O2 is 180000.0 ppmv

At 100.0 km, Pressure is 0.000289 mbar, Total density is 10980000000000.0 cm-3, temperature is 190.7 K

Molecular densities of H20 is 0.4 ppmv

Molecular densities of CO2 is 195.0 ppmv

Molecular densities of O3 is 0.4 ppmv

Molecular densities of N2O is 0.0003323 ppmv

Molecular densities of CO is 17.05 ppmv

Molecular densities of CH4 is 0.12 ppmv

Molecular densities of O2 is 160000.0 ppmv

At 105.0 km, Pressure is 0.00013 mbar, Total density is 4445000000000.0 cm-3, temperature is 212.0 K

Molecular densities of H20 is 0.34 ppmv

Molecular densities of CO2 is 110.0 ppmv

Molecular densities of O3 is 0.2 ppmv

Molecular densities of N2O is 0.0002837 ppmv

Molecular densities of CO is 24.71 ppmv

Molecular densities of CH4 is 0.11 ppmv

Molecular densities of O2 is 140000.0 ppmv

At 110.0 km, Pressure is 6.47e-05 mbar, Total density is 1941000000000.0 cm-3, temperature is 241.6 K

Molecular densities of H20 is 0.28 ppmv

Molecular densities of CO2 is 60.0 ppmv

Molecular densities of O3 is 0.05 ppmv

Molecular densities of N2O is 0.0002443 ppmv

Molecular densities of CO is 33.58 ppmv

Molecular densities of CH4 is 0.095 ppmv

Molecular densities of O2 is 120000.0 ppmv

At 115.0 km, Pressure is 3.6e-05 mbar, Total density is 870600000000.0 cm-3, temperature is 299.7 K

Molecular densities of H20 is 0.24 ppmv

Molecular densities of CO2 is 40.0 ppmv

Molecular densities of O3 is 0.005 ppmv

Molecular densities of N2O is 0.000212 ppmv

Molecular densities of CO is 41.48 ppmv

Molecular densities of CH4 is 0.06 ppmv

Molecular densities of O2 is 94000.0 ppmv

At 120.0 km, Pressure is 2.25e-05 mbar, Total density is 422500000000.0 cm-3, temperature is 380.0 K

Molecular densities of H20 is 0.2 ppmv

Molecular densities of CO2 is 35.0 ppmv

Molecular densities of O3 is 0.0005 ppmv

Molecular densities of N2O is 0.0001851 ppmv

Molecular densities of CO is 50.0 ppmv

Molecular densities of CH4 is 0.03 ppmv

Molecular densities of O2 is 72500.0 ppmv