Input Parameters

	P_0	T	μ	g	$h = k\,T / g\,m_0\,\mu$	$\rho / P = m_0\,\mu / k\,T$
VENUS	9200000	730	43.45	8.9	15683	0.0000072
EARTH	101000	290	28.97	9.8	8486	0.0000120
MARS	636	285	43.34	3.7	14765	0.0000183
	Input parameters from: https://nssdc.gsfc.nasa.gov/planetary/factsheet					

Venus

z(km)	P(mks)	ρ(mks)	m(z)/m
0	9.20E+06	6.6E+01	0.000
1	8.63E+06	6.2E+01	0.062
2	8.10E+06	5.8E+01	0.120
5	6.69E+06	4.8E+01	0.273
10	4.86E+06	3.5E+01	0.471
20	2.57E+06	1.8E+01	0.721
50	3.79E+05	2.7E+00	0.959
100	1.57E+04	1.1E-01	0.998
200	2.66E+01	1.9E-04	1.000

Earth

z(km)	P(mks)	ρ(mks)	m(z)/m
0	1.01E+05	1.2E+00	0.000
1	8.98E+04	1.1E+00	0.111
2	7.98E+04	9.6E-01	0.210
5	5.60E+04	6.7E-01	0.445
10	3.11E+04	3.7E-01	0.692
20	9.57E+03	1.2E-01	0.905
50	2.79E+02	3.4E-03	0.997
100	7.70E-01	9.3E-06	1.000
200	5.87E-06	7.1E-11	1.000

Mars

z(km)	P(mks)	ρ(mks)	m(z)/m
0	6.4E+02	1.2E-02	0.000
1	5.9E+02	1.1E-02	0.065
2	5.6E+02	1.0E-02	0.127
5	4.5E+02	8.3E-03	0.287
10	3.2E+02	5.9E-03	0.492
20	1.6E+02	3.0E-03	0.742
50	2.2E+01	3.9E-04	0.966
100	7.3E-01	1.3E-05	0.999
200	8.3E-04	1.5E-08	1.000