

PHY 458 2.0 – Space & Atmospheric Physics

Continuous Assignment – 03

Modeling the following parameters of the Venus with respect to altitude of the Venus from the surface using given data set.

h vs Pressure

h vs Temperature

Height (km)	Temperature (Celsius)	Atmospheric Pressure (x Earth Surface)
0	462	92.10
5	424	66.65
10	385	47.39
15	348	33.04
20	306	22.52
25	264	14.93
30	222	9.851
35	180	5.917
40	143	3.501
45	110	1.979
50	75	1.066
55	27	0.5314
60	-10	0.2357
65	-30	0.09765
70	-43	0.03690
80	-76	0.004760
90	-104	0.0003736
100	-112	0.00002660
150	-25	0.000001530
200	50	0.0000000690
