

Approximate Atmospheric Pressures & Barometer Readings at
Different Altitudes

Altitude		Barometer		Atmospheric Pressure
Feet	Meters	in.Hg	mm.Hg	lb/in ²
-1000	-304.8	31.02	787.9	15.2
-500	-152.4	30.47	773.9	15.0
0	0.0	29.921	760.0	14.7
500	152.4	29.38	746.3	14.4
1000	304.8	28.86	733.1	14.2
1500	457.2	28.33	719.6	13.9
2000	609.6	27.82	706.6	13.7
2500	762.0	27.31	693.7	13.4
3000	914.4	26.81	681.0	13.2
3500	1066.8	26.32	668.5	12.9
4000	1219.2	25.84	656.3	12.7
4500	1371.6	25.36	644.1	12.4
5000	1524.0	24.89	632.2	12.2
5500	1676.4	24.43	620.5	12.0
6000	1828.8	23.98	609.1	11.8
6500	1981.2	23.53	597.7	11.5
7000	2133.6	23.09	586.5	11.3
7500	2286.0	22.65	575.3	11.1
8000	2438.4	22.22	564.4	10.9
8500	2590.8	21.8	553.7	10.7
9000	2743.2	21.38	543.1	10.5
9500	2895.6	20.98	532.9	10.3
10000	3048.0	20.58	522.7	10.1
15000	4572.0	16.88	428.8	8.3
20000	6096.0	13.75	349.3	6.7
30000	9144.0	8.88	225.6	4.4
40000	12192.0	5.54	140.7	2.7
50000	15240.0	3.44	87.4	1.7