

Atmospheric Pressure at Different Altitudes

Altitude Above Sea Level			Temperature		Barometric Pressure		Atmospheric Pressure		
Feet	Miles	Meters	F	C	In. Hg. Abs.	mm Hg. Abs.	PSIA	Kg / sq. cm	kPa A
0		0	59	15	29.92	760.0	14.696	1.0333	101.33
500		153	57	14	29.38	746.3	14.43	1.015	99.49
1000		305	55	13	28.86	733.0	14.16	0.956	97.63
1500		458	54	12	28.33	719.6	13.91	0.978	95.91
2000		610	52	11	27.82	706.6	13.66	0.960	94.19
2500		763	50	10	27.32	693.9	13.41	0.943	92.46
3000		915	48	9	26.82	681.2	13.17	0.926	90.81
3500		1068	47	8	26.33	668.8	12.93	0.909	89.15
4000		1220	45	7	25.84	656.3	12.69	0.892	87.49
4500		1373	43	6	25.37	644.4	12.46	0.876	85.91
5000	0.95	1526	41	5	24.90	632.5	12.23	0.86	84.33
6000	1.1	1831	38	3	23.99	609.3	11.78	0.828	81.22
7000	1.3	2136	34	1	23.10	586.7	11.34	0.797	78.19
8000	1.5	2441	31	-1	22.23	564.6	10.91	0.767	75.22
9000	1.7	2746	27	-3	21.39	543.3	10.5	0.738	72.40
10,000	1.9	3050	23	-5	20.58	522.7	10.1	0.71	69.64
15,000	2.8	4577	6	-14	16.89	429.0	8.29	0.583	57.16
20,000	3.8	6102	-12	-24	13.76	349.5	6.76	0.475	46.61
25,000	4.7	7628	-30	-34	11.12	282.4	5.46	0.384	37.65
30,000	5.7	9153	-48	-44	8.903	226.1	4.37	0.307	30.13
35,000	6.6	10,679	-66	-54	7.06	179.3	3.47	0.244	23.93
40,000	7.6	12,204	-70	-57	5.558	141.2	2.73	0.192	18.82
45,000	8.5	13,730	-70	-57	4.375	111.1	2.15	0.151	14.82
50,000	9.5	15,255	-70	-57	3.444	87.5	1.69	0.119	11.65
55,000	10.4	16,781	-70	-57	2.712	68.9	1.33	0.0935	9.17
60,000	11.4	18,306	-70	-57	2.135	54.2	1.05	0.0738	7.24
70,000	13.3	21,357	-67	-55	1.325	33.7	0.651	0.651	4.49
80,000	15.2	24,408	-62	-52	0.8273	21.0	0.406	0.406	2.80
90,000	17.1	27,459	-57	-59	0.520	13.2	0.255	0.255	1.76
100,000	18.9	30,510	-51	-46	0.329	8.36	0.162	0.162	1.12
150,000	28.4	45720				1.10	2.1×10^{-3}	1.4×10^{-3}	0.146
200,000	37.9	60960				0.17	3.27×10^{-3}	2.0×10^{-4}	2.2×10^{-2}
300,000	56.8	91440				8×10^{-4}	1.47×10^{-5}	1.06×10^{-4}	1.09×10^{-6}
500,000	94.7	152400				3.73×10^{-6}	7.22×10^{-8}	5.07×10^{-9}	4.98×10^{-7}
2,000,000	378.8	609600				3.6×10^{-9}	7.0×10^{-11}	4.9×10^{-12}	4.8×10^{-10}