

ALTITUDE AND ATMOSPHERIC PRESSURE

Altitude above Sea Level		Temperature			Barometer			Atmospheric Pressure	
Feet*	Miles	Meters*	°F	°C	Inches Hg Abs.	mm Hg Abs.	PSIA	Kg/cm Abs.	kPa A
-5000		-1526	77	25	35.58	903.7	17.48	1.229	1205
-4500		-1373	75	24	35.00	889.0	17.19	1.209	1185
-4000		-1220	73	23	34.42	874.3	16.90	1.188	1165
-3500		-1068	71	22	33.84	859.5	16.62	1.169	1146
-3000		-915	70	21	33.27	845.1	16.34	1.149	1127
-2500		-763	68	20	32.70	830.6	16.00	1.129	1107
-2000		-610	66	19	32.14	816.4	15.78	1.109	1088
-1500		-458	64	18	31.58	802.1	15.51	1.091	1069
-1000		-305	63	17	31.02	787.9	15.23	1.071	1050
-500		-153	61	16	30.47	773.9	14.90	1.052	1031
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	99.19
1000		305	55	13	28.86	733.0	14.16	.956	97.63
1500		458	54	12	28.33	719.6	13.91	.978	95.91
2000		610	52	11	27.82	706.6	13.60	.960	94.19
2500		763	50	10	27.32	693.9	13.41	.943	92.46
3000		915	48	9	20.82	681.2	13.17	.926	90.81
3500		1068	47	8	26.33	668.8	12.93	.909	89.15

4000		1220	45	7	25.84	656.3	12.09	.892	87.40
4500		1373	43	6	25.37	644.4	12.46	.876	85.91
5000	0.95	1526	41	5	24.90	632.5	12.23	.860	84.33
6000	1.1	1831	38	3	23.99	609.3	11.78	.828	81.22
7000	1.3	2136	34	1	23.10	580.7	11.34	.797	78.19
8000	1.5	2441	31	-1	22.23	564.6	10.91	.767	75.22
9000	1.7	2746	27	-3	21.39	543.3	10.50	.738	72.40
10,000	1.9	3050	23	-5	20.58	522.7	10.10	.710	69.64
15,000	2.8	4577	6	-14	16.89	429.0	8.29	.583	57.16
20,000	3.8	6102	-12	-24	13.76	3495	6.76	.475	40.01
25,000	4.7	7628	-30	-34	11.12	282.4	5.46	.384	31.66
30,000	5.7	9153	-48	-44	8.903	226.1	4.37	.307	30.13
35,000	6.6	10,679	-66		7.060	179.3	3.47	.244	23.90
40,000	7.6	12,204	-70	-57	5.558	141.2	2.73	.192	18.82
45,000	8.5	13,730	-70	-57	4.375	111.1	2.15	.151	14.82
50,000	9.5	15,255	-70	-57	3.444	87.5	1.6	.119	11.66
55,000	10.4	16,781	-70	-57	2.712	68.9	1.33	.0935	9.17
60,000	11.4	18,306	-70	-57	2.135	54.2	1.05	.0738	7.24
70,000	13.3	21,357	-67	-55	1.325	33.7	.651	.0458	4.49
80,000	15.2	24,408	-62	-52	18.273-1	21.0	.400	.0285	2.80
90,000	17.1	27,459	-57	-59	5.200-1	13.2	.255	.0179	1.76
100,000	18.9	30510	-51	-46	3.290-1	8.36	.162	.0114	1.12