

STANDARD ATMOSPHERE

Standard Atmosphere			
Altitude (Feet)	Pressure (mb)	Temperature (°C)	Density Ratio**
0	1013.25	15.000	1
100	1009.50	14.802	0.997
500	995.07	14.009	0.985
1,000	977.16	13.019	0.971
2,000	942.13	11.038	0.943
4,000	875.13	7.077	0.888
6,000	812.04	3.116	0.836
8,000	752.71	-.844	0.786
10,000	696.94	-4.803	0.738
12,000	644.58	-8.761	0.693
14,000	595.46	-12.718	0.650
16,000	549.42	-16.675	0.609
18,000	506.32	-20.631	0.570
20,000	466.00	-24.586	0.533
22,000	428.33	-28.541	0.498
24,000	393.17	-32.494	0.464
26,000	360.40	-36.447	0.433
28,000	329.87	-40.399	0.403
30,000	301.48	-44.351	0.374
32,000	275.11	-48.301	0.347
34,000	250.64	-52.251	0.322
36,000	227.97	-56.200	0.298
*36,200	225.79	-56.500	0.296
38,000	207.14	-56.500	0.271
40,000	188.23	-56.500	0.246
42,000	171.04	-56.500	0.224
44,000	155.42	-56.500	0.203
46,000	141.24	-56.500	0.185
48,000	128.35	-56.500	0.168
50,000	116.64	-56.500	0.152
52,000	106.00	-56.500	0.138
54,000	96.332	-56.500	0.126
56,000	87.547	-56.500	0.114
58,000	79.565	-56.500	0.104
60,000	72.312	-56.500	0.094
62,000	65.721	-56.500	0.086
64,000	59.732	-56.500	0.078

* Tropopause

**The ratio of density at the given altitude to that at mean sea level