

Geo-potential Altitude above Sea Level - h - (ft)	Temperature - t - (°F)	Acceleration of Gravity - g - (ft/s²)	Absolute Pressure - p - (lb/in²)	Density - ρ - (10⁻⁴ slugs/ft³) (lbs/ft³)	Dynamic Viscosity - μ - (10⁻⁷ lb s/ft²) (10⁻⁷ slug /(ft s))
-5000	76.84	32.189	17.554	27.45	3.836
0	59	32.174	14.696	23.77	3.737
5000	41.17	32.159	12.228	20.48	3.637
10000	23.36	32.143	10.108	17.56	3.534
15000	5.55	32.128	8.297	14.96	3.430
20000	-12.26	32.112	6.759	12.67	3.324
25000	-30.05	32.097	5.461	10.66	3.217
30000	-47.83	32.082	4.373	8.91	3.107
35000	-65.61	32.066	3.468	7.38	2.995
40000	-69.70	32.051	2.730	5.87	2.969
45000	-69.70	32.036	2.149	4.62	2.969
50000	-69.70	32.020	1.692	3.64	2.969
60000	-69.70	31.990	1.049	2.26	2.969
70000	-67.42	31.959	0.651	1.39	2.984
80000	-61.98	31.929	0.406	0.86	3.018
90000	-56.54	31.897	0.255	0.56	3.052
100000	-51.10	31.868	0.162	0.33	3.087
150000	19.40	31.717	0.020	0.037	3.511
200000	-19.78	31.566	0.003	0.0053	3.279
250000	-88.77	31.415	0.000	0.00065	2.846

U.S. Standard Atmosphere Air Properties - Metric Units

U.S. Standard Atmosphere vs. Altitude - SI Units

Geo potential Altitude above Sea Level - h - (m)	Temperature - t - (°C)	Acceleration of Gravity - g - (m/s ²)	Absolute Pressure - p - (10 ⁴ N/m ²)	Density - ρ - (kg/m ³)	Dynamic Viscosity - μ - (10 ⁻⁵ N s/m ²)
-1000	21.50	9.810	11.39	1.347	1.821
0	15.00	9.807	10.13	1.225	1.789
1000	8.50	9.804	8.988	1.112	1.758
2000	2.00	9.801	7.950	1.007	1.726
3000	-4.49	9.797	7.012	0.9093	1.694
4000	-10.98	9.794	6.166	0.8194	1.661
5000	-17.47	9.791	5.405	0.7364	1.628
6000	-23.96	9.788	4.722	0.6601	1.595
7000	-30.45	9.785	4.111	0.5900	1.561
8000	-36.94	9.782	3.565	0.5258	1.527
9000	-43.42	9.779	3.080	0.4671	1.493
10000	-49.90	9.776	2.650	0.4135	1.458
15000	-56.50	9.761	1.211	0.1948	1.422
20000	-56.50	9.745	0.5529	0.08891	1.422
25000	-51.60	9.730	0.2549	0.04008	1.448
30000	-46.64	9.715	0.1197	0.01841	1.475
40000	-22.80	9.684	0.0287	0.003996	1.601
50000	-2.5	9.654	0.007978	0.001027	1.704
60000	-26.13	9.624	0.002196	0.0003097	1.584
70000	-53.57	9.594	0.00052	0.00008283	1.438
80000	-74.51	9.564	0.00011	0.00001846	1.321

US Atmosphere - Temperature vs. Elevation