

1976 Standard Atmosphere Calculator

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Parameters	Units
Altitude	feet [ft] ▼
<input checked="" type="checkbox"/> Temperature	Fahrenheit ▼
<input checked="" type="checkbox"/> Pressure	pounds-force/sq.inch [psi] ▼
<input checked="" type="checkbox"/> Density	slugs/cubic foot ▼
<input checked="" type="checkbox"/> Speed of sound	meters/second[m/s] ▼
<input checked="" type="checkbox"/> Dynamic viscosity	pound force second / square feet [lb.sec/ft^2] ▼

[SI Units](#) | [English/US Units](#)

Altitude row values

Minimum	<input type="text" value="0"/>	feet [ft]
Maximum	<input type="text" value="5000"/>	feet [ft]
Increment	<input type="text" value="100"/>	feet [ft]

Altitude [ft]	Temperature [Fahrenheit]	Pressure [psi]	Density [slug/ft3]	Speed of sound [m/s]	Viscosity [lb.sec/ft^2]
0.00000	59.0000	14.6959	0.00237717	340.294	3.78456e-7
100.000	58.6434	14.6429	0.00237023	340.177	3.78249e-7
200.000	58.2868	14.5900	0.00236329	340.060	3.78043e-7
300.000	57.9302	14.5373	0.00235638	339.943	3.77836e-7
400.000	57.5735	14.4848	0.00234947	339.826	3.77629e-7
500.000	57.2169	14.4323	0.00234259	339.709	3.77422e-7
600.000	56.8603	14.3801	0.00233572	339.591	3.77215e-7
700.000	56.5037	14.3280	0.00232886	339.474	3.77008e-7
800.000	56.1471	14.2760	0.00232202	339.357	3.76801e-7
900.000	55.7905	14.2242	0.00231520	339.240	3.76594e-7
1000.00	55.4338	14.1726	0.00230839	339.122	3.76386e-7
1100.00	55.0772	14.1211	0.00230159	339.005	3.76179e-7
1200.00	54.7206	14.0698	0.00229482	338.887	3.75972e-7
1300.00	54.3640	14.0186	0.00228805	338.770	3.75764e-7
1400.00	54.0074	13.9675	0.00228130	338.652	3.75557e-7
1500.00	53.6508	13.9166	0.00227457	338.535	3.75349e-7

1600.00	53.2941	13.8659	0.00226785	338.417	3.75142e-7
1700.00	52.9375	13.8153	0.00226115	338.299	3.74934e-7
1800.00	52.5809	13.7649	0.00225446	338.182	3.74726e-7
1900.00	52.2243	13.7146	0.00224779	338.064	3.74518e-7
2000.00	51.8677	13.6644	0.00224114	337.946	3.74310e-7
2100.00	51.5111	13.6144	0.00223449	337.828	3.74102e-7
2200.00	51.1544	13.5646	0.00222787	337.711	3.73894e-7
2300.00	50.7978	13.5149	0.00222126	337.593	3.73686e-7
2400.00	50.4412	13.4653	0.00221466	337.475	3.73478e-7
2500.00	50.0846	13.4159	0.00220808	337.357	3.73270e-7
2600.00	49.7280	13.3667	0.00220151	337.239	3.73061e-7
2700.00	49.3714	13.3176	0.00219496	337.121	3.72853e-7
2800.00	49.0148	13.2686	0.00218842	337.003	3.72645e-7
2900.00	48.6581	13.2198	0.00218190	336.884	3.72436e-7
3000.00	48.3015	13.1711	0.00217539	336.766	3.72228e-7
3100.00	47.9449	13.1226	0.00216890	336.648	3.72019e-7
3200.00	47.5883	13.0742	0.00216242	336.530	3.71810e-7
3300.00	47.2317	13.0260	0.00215596	336.411	3.71601e-7
3400.00	46.8751	12.9779	0.00214951	336.293	3.71392e-7
3500.00	46.5184	12.9299	0.00214308	336.175	3.71184e-7
3600.00	46.1618	12.8821	0.00213666	336.056	3.70975e-7
3700.00	45.8052	12.8345	0.00213026	335.938	3.70765e-7
3800.00	45.4486	12.7869	0.00212387	335.819	3.70556e-7
3900.00	45.0920	12.7396	0.00211750	335.701	3.70347e-7
4000.00	44.7354	12.6923	0.00211114	335.582	3.70138e-7
4100.00	44.3787	12.6452	0.00210479	335.463	3.69929e-7
4200.00	44.0221	12.5983	0.00209846	335.345	3.69719e-7
4300.00	43.6655	12.5515	0.00209214	335.226	3.69510e-7
4400.00	43.3089	12.5048	0.00208584	335.107	3.69300e-7
4500.00	42.9523	12.4583	0.00207956	334.988	3.69090e-7
4600.00	42.5957	12.4119	0.00207328	334.869	3.68881e-7
4700.00	42.2390	12.3656	0.00206703	334.751	3.68671e-7
4800.00	41.8824	12.3195	0.00206078	334.632	3.68461e-7
4900.00	41.5258	12.2736	0.00205455	334.513	3.68251e-7
5000.00	41.1692	12.2277	0.00204834	334.394	3.68041e-7