

Air Density Correction Factors Based on US Standard Conditions (Sea Level, 70°F, 29.921 Inch Hg)												
Altitude (FT)	0	1,000	2,000	3,000	4,000	5,000	6,000	7,000	8,000	9,000	10,000	
Inches Hg.	29.921	28.861	27.83	27.325	26.828	25.853	24.906	23.986	23.092	21.383	20.567	
Inches W.G.	406.567	392.163	378.154	371.292	364.539	351.291	338.423	325.922	313.774	290.552	279.464	
Temperature (°F)	-40	1.259	1.214	1.171	1.149	1.128	1.087	1.048	1.009	0.971	0.899	0.865
	-30	1.229	1.186	1.143	1.123	1.102	1.062	1.023	0.985	0.949	0.879	0.845
	-20	1.201	1.159	1.117	1.097	1.077	1.038	1.000	0.963	0.927	0.859	0.826
	-10	1.175	1.133	1.093	1.073	1.053	1.015	0.978	0.942	0.907	0.839	0.807
	0	1.149	1.108	1.069	1.049	1.030	0.993	0.957	0.921	0.887	0.821	0.790
	10	1.125	1.085	1.046	1.027	1.008	0.972	0.936	0.902	0.868	0.804	0.773
	20	1.101	1.062	1.024	1.006	0.987	0.952	0.917	0.883	0.850	0.787	0.757
	30	1.079	1.041	1.003	0.985	0.967	0.932	0.898	0.865	0.833	0.771	0.742
	40	1.057	1.020	0.983	0.965	0.948	0.913	0.880	0.848	0.816	0.756	0.727
	50	1.036	1.000	0.964	0.947	0.929	0.896	0.863	0.831	0.800	0.741	0.712
	60	1.017	0.981	0.946	0.928	0.911	0.878	0.846	0.815	0.785	0.726	0.699
	70	0.997	0.962	0.928	0.911	0.894	0.862	0.830	0.800	0.770	0.713	0.686
	80	0.979	0.944	0.910	0.894	0.878	0.846	0.815	0.785	0.755	0.700	0.673
	90	0.961	0.927	0.894	0.878	0.862	0.830	0.800	0.770	0.742	0.687	0.661
	100	0.944	0.910	0.878	0.862	0.846	0.816	0.786	0.757	0.728	0.675	0.649
	110	0.927	0.895	0.863	0.847	0.832	0.801	0.772	0.743	0.716	0.663	0.637
	120	0.911	0.879	0.848	0.832	0.817	0.787	0.759	0.731	0.703	0.651	0.626
	130	0.896	0.864	0.833	0.818	0.803	0.774	0.746	0.718	0.691	0.640	0.616
	140	0.881	0.850	0.819	0.805	0.790	0.761	0.733	0.706	0.680	0.630	0.606
	150	0.867	0.836	0.806	0.791	0.777	0.749	0.721	0.695	0.669	0.619	0.596
	160	0.853	0.822	0.793	0.779	0.764	0.737	0.710	0.683	0.658	0.609	0.586
	170	0.839	0.809	0.780	0.766	0.752	0.725	0.698	0.673	0.648	0.600	0.577
	180	0.826	0.797	0.768	0.754	0.741	0.714	0.688	0.662	0.637	0.590	0.568
	190	0.813	0.784	0.756	0.743	0.729	0.703	0.677	0.652	0.628	0.581	0.559
	200	0.801	0.773	0.745	0.731	0.718	0.692	0.667	0.642	0.618	0.572	0.551
	210	0.789	0.761	0.734	0.721	0.707	0.682	0.657	0.632	0.609	0.564	0.542
	220	0.777	0.750	0.723	0.710	0.697	0.672	0.647	0.623	0.600	0.556	0.534
	230	0.766	0.739	0.713	0.700	0.687	0.662	0.638	0.614	0.591	0.547	0.527
	240	0.755	0.728	0.702	0.690	0.677	0.652	0.629	0.605	0.583	0.540	0.519
	250	0.745	0.718	0.692	0.680	0.668	0.643	0.620	0.597	0.575	0.532	0.512
260	0.734	0.708	0.683	0.670	0.658	0.634	0.611	0.589	0.567	0.525	0.505	
270	0.724	0.698	0.674	0.661	0.649	0.626	0.603	0.580	0.559	0.517	0.498	
280	0.714	0.689	0.664	0.652	0.640	0.617	0.595	0.573	0.551	0.510	0.491	
290	0.705	0.680	0.656	0.644	0.632	0.609	0.587	0.565	0.544	0.504	0.484	
300	0.696	0.671	0.647	0.635	0.624	0.601	0.579	0.558	0.537	0.497	0.478	
310	0.686	0.662	0.639	0.627	0.616	0.593	0.571	0.550	0.530	0.491	0.472	
320	0.678	0.654	0.630	0.619	0.608	0.586	0.564	0.543	0.523	0.484	0.466	
330	0.669	0.645	0.622	0.611	0.600	0.578	0.557	0.536	0.516	0.478	0.460	
340	0.661	0.637	0.615	0.603	0.592	0.571	0.550	0.530	0.510	0.472	0.454	
350	0.653	0.629	0.607	0.596	0.585	0.564	0.543	0.523	0.504	0.466	0.449	
360	0.645	0.622	0.600	0.589	0.578	0.557	0.537	0.517	0.498	0.461	0.443	
370	0.637	0.614	0.592	0.582	0.571	0.550	0.530	0.511	0.492	0.455	0.438	
380	0.629	0.607	0.585	0.575	0.564	0.544	0.524	0.504	0.486	0.450	0.433	
390	0.622	0.600	0.578	0.568	0.558	0.537	0.518	0.499	0.480	0.444	0.427	
400	0.615	0.593	0.572	0.561	0.551	0.531	0.512	0.493	0.474	0.439	0.423	
450	0.581	0.560	0.540	0.530	0.521	0.502	0.484	0.466	0.448	0.415	0.399	
500	0.551	0.531	0.512	0.503	0.494	0.476	0.458	0.441	0.425	0.394	0.378	
550	0.523	0.505	0.487	0.478	0.469	0.452	0.436	0.420	0.404	0.374	0.360	
600	0.499	0.481	0.464	0.455	0.447	0.431	0.415	0.400	0.385	0.356	0.343	
650	0.476	0.459	0.443	0.435	0.427	0.411	0.396	0.382	0.368	0.340	0.327	
700	0.456	0.440	0.424	0.416	0.409	0.394	0.379	0.365	0.352	0.326	0.313	
750	0.437	0.421	0.406	0.399	0.392	0.377	0.364	0.350	0.337	0.312	0.300	
800	0.420	0.405	0.390	0.383	0.376	0.362	0.349	0.336	0.324	0.300	0.288	
850	0.404	0.389	0.375	0.369	0.362	0.349	0.336	0.323	0.311	0.288	0.277	
900	0.389	0.375	0.362	0.355	0.349	0.336	0.324	0.312	0.300	0.278	0.267	
950	0.375	0.362	0.349	0.342	0.336	0.324	0.312	0.301	0.289	0.268	0.258	
1000	0.362	0.349	0.337	0.331	0.325	0.313	0.301	0.290	0.279	0.259	0.249	