

Pressure Conversion Chart

in/H ₂ O	P.S.I.	in/Hg	mm/H ₂ O	mm/Hg	kg/cm ²	bar	mbar	Pa	kPa
.1	.0036	.0073	2.534	.1863	.0002	.0002	2482	24.82	.0248
.2	.0072	.0146	5.067	.3726	.0005	.0005	4964	49.64	.0496
.4	.0144	.0293	10.13	.7452	.0010	.0010	9928	99.28	.0993
.6	.0216	.0440	15.20	1.118	.0015	.0015	1489	148.9	.1489
.8	.0288	.0588	20.34	1.496	.0020	.0020	1992	199.2	.1992
1.0	.0361	.0735	25.41	1.868	.0025	.0025	2489	248.9	.2489
2	.0722	.1470	50.81	3.736	.0051	.0051	4978	497.8	.4978
3	.1083	.2205	76.22	5.604	.0076	.0076	7467	746.7	.7467
4	.1444	.2940	101.62	7.472	.0102	.0102	9956	995.6	.9956
5	.1804	.3673	127.0	9.335	.0127	.0127	1244	1244	1.244
6	.2165	.4408	152.4	11.203	.0152	.0152	1493	1493	1.493
7	.2526	.5143	177.8	13.072	.0178	.0178	1742	1742	1.742
8	.2887	.5878	203.2	14.940	.0203	.0203	1990	1990	1.990
9	.3248	.6613	228.6	16.808	.0228	.0228	2239	2239	2.239
10	.3609	.7348	254.0	18.676	.0254	.0254	2488	2488	2.488
11	.3970	.8083	279.4	20.544	.0279	.0279	2737	2737	2.737
12	.4331	.8818	304.8	22.412	.0304	.0304	2986	2986	2.986
13	.4692	.9553	330.2	24.280	.0330	.0330	3235	3235	3.235
14	.5053	1.029	355.6	26.148	.0355	.0355	3484	3484	3.484
15	.5414	1.102	381.0	28.016	.0381	.0381	3733	3733	3.733
16	.5774	1.176	406.4	29.879	.0406	.0406	3981	3981	3.981
17	.6136	1.249	431.8	31.752	.0431	.0431	4231	4231	4.231
18	.6496	1.322	457.2	33.616	.0457	.0457	4479	4479	4.479
19	.6857	1.396	482.6	35.484	.0482	.0482	4728	4728	4.728
20	.7218	1.470	508.0	37.352	.0507	.0507	4977	4977	4.977
21	.7579	1.543	533.4	39.22	.0533	.0533	5226	5226	5.226
22	.7940	1.616	558.8	41.09	.0558	.0558	5474	5474	5.474
23	.8301	1.690	584.2	42.96	.0584	.0584	5723	5723	5.723
24	.8662	1.764	609.6	44.82	.0609	.0609	5972	5972	5.972
25	.9023	1.837	635.0	46.69	.0634	.0634	6221	6221	6.221
26	.9384	1.910	660.4	48.56	.0660	.0660	6470	6470	6.470
27	.9745	1.984	685.8	50.43	.0685	.0685	6719	6719	6.719
28	1.0106	2.058	711.2	52.29	.0710	.0710	6968	6968	6.968
29	1.0467	2.132	736.6	54.16	.0736	.0736	7217	7217	7.217
30	1.0828	2.205	762.0	56.03	.0761	.0761	7467	7467	7.467
31	1.1189	2.278	787.4	57.91	.0787	.0787	7716	7716	7.716
32	1.1550	2.352	812.8	59.77	.0812	.0812	7965	7965	7.965
33	1.1911	2.425	838.2	61.63	.0837	.0837	8214	8214	8.214
34	1.2272	2.499	863.6	63.49	.0862	.0862	8463	8463	8.463
35	1.2633	2.572	889.0	65.36	.0888	.0888	8712	8712	8.712
36	1.2994	2.646	914.4	67.22	.0913	.0913	8961	8961	8.961
37	1.3355	2.719	939.8	69.09	.0938	.0938	9210	9210	9.210
38	1.3716	2.793	965.2	70.95	.0964	.0964	9459	9459	9.459
39	1.4077	2.866	990.6	72.82	.0989	.0989	9708	9708	9.708
40	1.4438	2.940	1016.0	74.68	.1015	.1015	9957	9957	9.957
41	1.4800	3.013	1041.4	76.55	.1040	.1040	10206	10206	10.206
42	1.5161	3.086	1066.8	78.42	.1066	.1066	10455	10455	10.455
43	1.5522	3.160	1092.2	80.29	.1091	.1091	10704	10704	10.704
44	1.5883	3.233	1117.6	82.16	.1116	.1116	10953	10953	10.953
45	1.6244	3.306	1143.0	84.03	.1142	.1142	11202	11202	11.202
46	1.6605	3.379	1168.4	85.90	.1167	.1167	11451	11451	11.451
47	1.6966	3.453	1193.8	87.77	.1192	.1192	11700	11700	11.700
48	1.7327	3.526	1219.2	89.63	.1218	.1218	11949	11949	11.949
49	1.7688	3.600	1244.6	91.50	.1243	.1243	12198	12198	12.198
50	1.8049	3.673	1270.0	93.37	.1268	.1268	12447	12447	12.447
51	1.8410	3.746	1295.4	95.24	.1294	.1294	12696	12696	12.696
52	1.8771	3.820	1320.8	97.11	.1320	.1320	12945	12945	12.945
53	1.9132	3.893	1346.2	98.98	.1345	.1345	13194	13194	13.194
54	1.9493	3.967	1371.6	100.85	.1370	.1370	13443	13443	13.443
55	1.9854	4.040	1397.0	102.72	.1396	.1396	13692	13692	13.692
56	2.0215	4.114	1422.4	104.59	.1421	.1421	13941	13941	13.941
57	2.0576	4.187	1447.8	106.46	.1446	.1446	14190	14190	14.190
58	2.0937	4.261	1473.2	108.33	.1471	.1471	14439	14439	14.439
59	2.1298	4.334	1498.6	110.20	.1497	.1497	14688	14688	14.688
60	2.1659	4.408	1524.0	112.07	.1522	.1522	14937	14937	14.937
61	2.2020	4.481	1549.4	113.94	.1548	.1548	15186	15186	15.186
62	2.2381	4.555	1574.8	115.81	.1573	.1573	15435	15435	15.435
63	2.2742	4.628	1600.2	117.68	.1599	.1599	15684	15684	15.684
64	2.3103	4.702	1625.6	119.55	.1624	.1624	15933	15933	15.933
65	2.3464	4.775	1651.0	121.42	.1649	.1649	16182	16182	16.182
66	2.3825	4.849	1676.4	123.29	.1674	.1674	16431	16431	16.431
67	2.4186	4.922	1701.8	125.16	.1700	.1700	16680	16680	16.680
68	2.4547	4.996	1727.2	127.03	.1725	.1725	16929	16929	16.929
69	2.4908	5.070	1752.6	128.90	.1750	.1750	17178	17178	17.178
70	2.5269	5.143	1778.0	130.77	.1776	.1776	17427	17427	17.427
71	2.5630	5.217	1803.4	132.64	.1801	.1801	17676	17676	17.676
72	2.5991	5.290	1828.8	134.51	.1826	.1826	17925	17925	17.925
73	2.6352	5.364	1854.2	136.38	.1852	.1852	18174	18174	18.174
74	2.6713	5.438	1879.6	138.25	.1877	.1877	18423	18423	18.423
75	2.7074	5.511	1905.0	140.12	.1903	.1903	18672	18672	18.672
76	2.7435	5.585	1930.4	141.99	.1928	.1928	18921	18921	18.921
77	2.7796	5.658	1955.8	143.86	.1954	.1954	19170	19170	19.170
78	2.8157	5.732	1981.2	145.73	.1979	.1979	19419	19419	19.419
79	2.8518	5.805	2006.6	147.60	.2004	.2004	19668	19668	19.668
80	2.8879	5.879	2032.0	149.47	.2030	.2030	19917	19917	19.917
81	2.9240	5.952	2057.4	151.34	.2055	.2055	20166	20166	20.166
82	2.9601	6.026	2082.8	153.21	.2080	.2080	20415	20415	20.415
83	2.9962	6.100	2108.2	155.08	.2106	.2106	20664	20664	20.664
84	3.0323	6.173	2133.6	156.95	.2131	.2131	20913	20913	20.913
85	3.0684	6.247	2159.0	158.82	.2157	.2157	21162	21162	21.162
86	3.1045	6.320	2184.4	160.69	.2182	.2182	21411	21411	21.411
87	3.1406	6.394	2209.8	162.56	.2207	.2207	21660	21660	21.660
88	3.1767	6.468	2235.2	164.43	.2233	.2233	21909	21909	21.909
89	3.2128	6.541	2260.6	166.30	.2258	.2258	22158	22158	22.158
90	3.2489	6.615	2286.0	168.17	.2283	.2283	22407	22407	22.407
91	3.2850	6.688	2311.4	170.04	.2309	.2309	22656	22656	22.656
92	3.3211	6.762	2336.8	171.91	.2334	.2334	22905	22905	22.905
93	3.3572	6.835	2362.2	173.78	.2359	.2359	23154	23154	23.154
94	3.3933	6.909	2387.6	175.65	.2384	.2384	23403	23403	23.403
95	3.4294	6.982	2413.0	177.52	.2410	.2410	23652	23652	23.652
96	3.4655	7.056	2438.4	179.39	.2435	.2435	23901	23901	23.901
97	3.5016	7.130	2463.8	181.26	.2461	.2461	24150	24150	24.150
98	3.5377	7.203	2489.2	183.13	.2486	.2486	24399	24399	24.399
99	3.5738	7.277	2514.6	185.00	.2512	.2512	24648	24648	24.648
100	3.6099	7.350	2540.0	186.87	.2537	.2537	24897	24897	24.897

P.S.I.	in/H ₂ O	in/Hg	mm/H ₂ O	mm/Hg	kg/cm ²	bar	mbar	Pa	kPa
1.0	27.71	2.036	703.1	51.75	.0703	.0689	68.95	6895	6.895
1.1	30.45	2.240	773.4	56.89	.0773	.0758	75.84	7584	7.584
1.2	33.22	2.443	843.7	62.06	.0844	.0827	82.74	8274	8.274
1.3	35.98	2.647	914.0	67.23	.0914	.0896	89.63	8963	8.963
1.4	38.75	2.850	984.3	72.40	.0984	.0965	96.52	9652	9.652
1.5	41.52	3.054	1054.6	77.57	.1055	.1034	103.4	10340	10.34
1.6	44.29	3.258	1124.9	82.74	.1125	.1103	110.3	11030	11.03
1.7	47.06	3.461	1195.2	87.92	.1195	.1172	117.2	11720	11.72
1.8	49.82	3.665	1265.5	93.09	.1266	.1241	124.1	12410	12.41
1.9	52.59	3.868	1335.8	98.26	.1336	.1310	131.0	13100	13.10
2.0	55.36	4.072	1406.1	103.43	.1406	.1379	137.9	13790	13.79
2.1	58.13	4.276	1476.4	108.60	.1476	.1448	144.8	14480	14.48
2.2	60.90	4.479	1546.7	113.77	.1547	.1517	151.7	15170	15.17
2.3	63.67	4.683	1617.0	118.94	.1617	.1586	158.6	15860	15.86