

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	1.489	148.9	.1489
8	.0288	.0588	20.34	1.496	.0020	.0020	1.992	199.2	.1992
10	.0361	.0735	25.41	1.868	.0025	.0025	2.489	248.9	.2489
2	.0722	.1470	50.81	3.736	.0051	.0050	4.978	497.8	.4978
3	.1083	.2205	76.22	5.604	.0076	.0075	7.467	746.7	.7476
4	.1444	.2940	101.62	7.472	.0102	.0099	9.956	995.6	.9956
5	.1804	.3673	127.0	9.335	.0127	.0124	12.44	1244	1.244
6	.2165	.4408	152.4	11.203	.0152	.0149	14.93	1493	1.493
7	.2526	.5143	177.8	13.072	.0178	.0174	17.42	1742	1.742
8	.2887	.5878	203.2	14.940	.0203	.0199	19.90	1990	1.990
9	.3248	.6613	228.6	16.808	.0228	.0224	22.39	2239	2.239
10	.3609	.7348	254.0	18.676	.0254	.0249	24.88	2488	2.488
11	.3970	.8083	279.4	20.544	.0279	.0274	27.37	2737	2.737
12	.4331	.8818	304.8	22.412	.0304	.0299	29.86	2986	2.986
13	.4692	.9553	330.2	24.280	.0330	.0324	32.35	3235	3.235
14	.5053	1.029	355.6	26.148	.0355	.0348	34.84	3484	3.484
15	.5414	1.102	381.0	28.016	.0381	.0373	37.33	3733	3.733
16	.5774	1.176	406.4	29.879	.0406	.0398	39.81	3981	3.981
17	.6136	1.249	431.8	31.752	.0431	.0423	42.31	4231	4.231
18	.6496	1.322	457.2	33.616	.0457	.0448	44.79	4479	4.479
19	.6857	1.396	482.6	35.484	.0482	.0473	47.28	4728	4.728
20	.7218	1.470	508.0	37.352	.0507	.0498	49.77	4977	4.977
21	.7579	1.543	533.4	39.22	.0533	.0523	52.26	5226	5.226
22	.7940	1.616	558.8	41.09	.0558	.0547	54.74	5474	5.474
23	.8301	1.690	584.2	42.96	.0584	.0572	57.23	5723	5.723
24	.8662	1.764	609.6	44.82	.0609	.0597	59.72	5972	5.972
25	.9023	1.837	635.0	46.69	.0634	.0622	62.21	6221	6.221
26	.9384	1.910	660.4	48.56	.0660	.0647	64.70	6470	6.470
27	.9745	1.984	685.8	50.43	.0685	.0672	67.19	6719	6.719
28	1.0106	2.058	711.2	52.29	.0710	.0696	69.68	6968	6.968
29	1.0467	2.132	736.6	54.16	.0736	.0722	72.17	7217	7.217
30	1.0828	2.206	762.0	56.03	.0761	.0747	74.67	7467	7.467
31	1.1189	2.280	787.4	57.90	.0787	.0772	77.15	7715	7.715
32	1.1550	2.354	812.8	59.77	.0812	.0796	79.63	7963	7.963
33	1.1911	2.428	838.2	61.63	.0837	.0821	82.12	8212	8.212
34	1.2272	2.502	863.6	63.49	.0862	.0846	84.60	8460	8.460
35	1.2633	2.576	889.0	65.36	.0888	.0871	87.08	8708	8.708
36	1.2994	2.650	914.4	67.22	.0913	.0896	89.56	8956	8.956
37	1.3355	2.724	939.8	69.09	.0938	.0920	92.04	9204	9.204
38	1.3716	2.798	965.2	70.95	.0964	.0945	94.53	9453	9.453
39	1.4077	2.872	990.6	72.82	.0990	.0971	97.02	9702	9.702
40	1.4438	2.946	1016.0	74.68	.1015	.0996	99.51	9951	9.951
41	1.4800	3.020	1041.4	76.54	.1040	.1020	102.00	10200	10.200
42	1.5161	3.094	1066.8	78.40	.1066	.1045	104.50	10450	10.450
43	1.5522	3.168	1092.2	80.26	.1091	.1070	107.00	10700	10.700
44	1.5883	3.242	1117.6	82.12	.1116	.1095	109.50	10950	10.950
45	1.6244	3.316	1143.0	83.98	.1142	.1120	112.00	11197	11.200
46	1.6605	3.390	1168.4	85.84	.1167	.1144	114.50	11445	11.444
47	1.6966	3.464	1193.8	87.70	.1192	.1169	116.90	11694	11.699
48	1.7327	3.538	1219.2	89.56	.1218	.1194	119.40	11942	11.944
49	1.7688	3.612	1244.6	91.42	.1243	.1219	121.90	12190	12.199
50	1.8049	3.686	1270.0	93.28	.1268	.1244	124.40	12438	12.444
51	1.8410	3.760	1295.4	95.14	.1293	.1269	126.90	12693	12.699
52	1.8771	3.834	1320.8	97.00	.1318	.1294	129.40	12941	12.944
53	1.9132	3.908	1346.2	98.86	.1343	.1319	131.90	13190	13.199
54	1.9493	3.982	1371.6	100.72	.1368	.1344	134.40	13438	13.444
55	1.9854	4.056	1397.0	102.58	.1393	.1369	136.90	13686	13.699
56	2.0215	4.130	1422.4	104.44	.1418	.1393	139.30	13934	13.939
57	2.0576	4.204	1447.8	106.30	.1443	.1418	141.80	14182	14.188
58	2.0937	4.278	1473.2	108.16	.1468	.1443	144.30	14431	14.433
59	2.1298	4.352	1498.6	110.02	.1492	.1468	146.80	14679	14.683
60	2.1659	4.426	1524.0	111.88	.1517	.1493	149.30	14927	14.938
61	2.2020	4.500	1549.4	113.74	.1542	.1518	151.80	15182	15.188
62	2.2381	4.574	1574.8	115.60	.1567	.1543	154.30	15430	15.433
63	2.2742	4.648	1600.2	117.46	.1592	.1568	156.80	15679	15.683
64	2.3103	4.722	1625.6	119.32	.1617	.1593	159.30	15927	15.938
65	2.3464	4.796	1651.0	121.18	.1642	.1618	161.80	16175	16.188
66	2.3825	4.870	1676.4	123.04	.1667	.1642	164.20	16423	16.424
67	2.4186	4.944	1701.8	124.90	.1692	.1667	166.70	16672	16.673
68	2.4547	5.018	1727.2	126.76	.1717	.1692	169.20	16920	16.923
69	2.4908	5.092	1752.6	128.62	.1742	.1717	171.70	17168	17.173
70	2.5269	5.166	1778.0	130.48	.1767	.1742	174.20	17416	17.423
71	2.5630	5.240	1803.4	132.34	.1792	.1767	176.70	17664	17.673
72	2.5991	5.314	1828.8	134.20	.1817	.1791	179.10	17912	17.913
73	2.6352	5.388	1854.2	136.06	.1842	.1817	181.70	18168	18.173
74	2.6713	5.462	1879.6	137.92	.1867	.1842	184.20	18416	18.423
75	2.7074	5.536	1905.0	139.78	.1892	.1867	186.70	18664	18.673
76	2.7435	5.610	1930.4	141.64	.1917	.1891	189.10	18912	18.913
77	2.7796	5.684	1955.8	143.50	.1942	.1916	191.60	19160	19.163
78	2.8157	5.758	1981.2	145.36	.1967	.1941	194.10	19409	19.413
79	2.8518	5.832	2006.6	147.22	.1992	.1966	196.60	19657	19.663
80	2.8879	5.906	2032.0	149.08	.2017	.1991	199.10	19905	19.903
81	2.9240	5.980	2057.4	150.94	.2042	.2015	201.50	20153	20.153
82	2.9601	6.054	2082.8	152.80	.2067	.2040	204.00	20402	20.403
83	2.9962	6.128	2108.2	154.66	.2092	.2066	206.60	20657	20.663
84	3.0323	6.202	2133.6	156.52	.2117	.2091	209.10	20905	20.903
85	3.0684	6.276	2159.0	158.38	.2142	.2115	211.50	21153	21.153
86	3.1045	6.350	2184.4	160.24	.2167	.2140	214.00	21401	21.403
87	3.1406	6.424	2209.8	162.10	.2192	.2165	216.50	21650	21.653
88	3.1767	6.498	2235.2	163.96	.2217	.2190	219.00	21898	21.903
89	3.2128	6.572	2260.6	165.82	.2242	.2215	221.50	22146	22.153
90	3.2489	6.646	2286.0	167.68	.2267	.2239	223.90	22394	22.393
91	3.2850	6.720	2311.4	169.54	.2292	.2264	226.40	22642	22.643
92	3.3211	6.794	2336.8	171.40	.2317	.2289	228.90	22890	22.893
93	3.3572	6.868	2362.2	173.26	.2342	.2314	231.40	23139	23.143
94	3.3933	6.942	2387.6	175.12	.2367	.2339	233.90	23387	23.393
95	3.4294	7.016	2413.0	176.98	.2392	.2364	236.40	23642	23.643
96	3.4655	7.090	2438.4	178.84	.2417	.2389	238.90	23890	23.893
97	3.5016	7.164	2463.8	180.70	.2442	.2414	241.40	24138	24.143
98	3.5377	7.238	2489.2	182.56	.2467	.2439	243.90	24387	24.393
99	3.5738	7.312	2514.6	184.42	.2492	.2464	246.40	24635	24.643
100	3.6099	7.386	2540.0	186.28	.2517	.2488	248.80	24883	24.883

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	103.40	10340	10.340
1.6	44.29	3.258	1125.0	82.74	.1125	.1103	110.30	11030	11.030
1.7	47.06	3.461	1195.3	87.92	.1195	.1172	117.20	11720	11.720
1.8	49.82	3.665	1265.7	93.09	.1266	.1241	124.10	12410	12.410
1.9	52.59	3.868	1336.0	98.26	.1336	.1310	131.00	13100	13.100
2.0	55.36	4.072	1406.4	103.43	.1406	.1379	137.90	13790	13.790
2.1	58.13	4.276	1476.7	108.60	.1476	.1448	144.80	14480	14.480
2.2	60.90	4.479	1547.1	113.78	.1547	.1517	151.70	15170	