Basic Air Data

Reference Tables

Indicated Airspeed Correction Factor $C_{T,P}$

JLJ

Authored by
Basic Air Data Team. June 27, 2017

Dry Air, Relative Humidity 0%

Temperature			Pressure Pa										
°C	°K	°F	80 000	83 000	86 000	89 000	91 000	94 000	97 000	100 000	101 325	103 000	106 000	109 000
-15	258.1	5.0	1.065	1.046	0.983	1.010	0.999	0.983	0.967	0.953	0.947	0.939	0.925	0.913
-14	259.1	6.8	1.067	1.048	0.985	1.012	1.001	0.985	0.969	0.955	0.948	0.941	0.927	0.914
-13	260.1	8.6	1.069	1.050	0.986	1.014	1.003	0.986	0.971	0.956	0.950	0.942	0.929	0.916
-12	261.1	10.4	1.071	1.052	0.988	1.016	1.005	0.988	0.973	0.958	0.952	0.944	0.931	0.918
-11	262.1	12.2	1.073	1.054	0.990	1.018	1.006	0.990	0.975	0.960	0.954	0.946	0.933	0.920
-10	263.1	14.0	1.075	1.056	0.992	1.020	1.008	0.992	0.977	0.962	0.956	0.948	0.934	0.921
-9	264.1	15.8	1.078	1.058	0.994	1.022	1.010	0.994	0.979	0.964	0.957	0.950	0.936	0.923
-8	265.1	17.6	1.080	1.060	0.996	1.024	1.012	0.996	0.980	0.966	0.959	0.951	0.938	0.925
-7	266.1	19.4	1.082	1.062	0.998	1.025	1.014	0.998	0.982	0.967	0.961	0.953	0.940	0.927
-6	267.1	21.2	1.084	1.064	1.000	1.027	1.016	1.000	0.984	0.969	0.963	0.955	0.941	0.928
-5	268.1	23.0	1.086	1.066	1.002	1.029	1.018	1.002	0.986	0.971	0.965	0.957	0.943	0.930
-4	269.1	24.8	1.088	1.068	1.003	1.031	1.020	1.003	0.988	0.973	0.966	0.959	0.945	0.932
-3	270.1	26.6	1.090	1.070	1.005	1.033	1.022	1.005	0.990	0.975	0.968	0.960	0.947	0.934
-2	271.1	28.4	1.092	1.072	1.007	1.035	1.024	1.007	0.991	0.976	0.970	0.962	0.948	0.935
-1	272.1	30.2	1.094	1.074	1.009	1.037	1.025	1.009	0.993	0.978	0.972	0.964	0.950	0.937
0	273.1	32.0	1.096	1.076	1.011	1.039	1.027	1.011	0.995	0.980	0.974	0.966	0.952	0.939
1	274.1	33.8	1.098	1.078	1.013	1.041	1.029	1.013	0.997	0.982	0.975	0.967	0.954	0.940
2	275.1	35.6	1.100	1.080	1.015	1.043	1.031	1.015	0.999	0.984	0.977	0.969	0.955	0.942
3	276.1	37.4	1.102	1.082	1.016	1.045	1.033	1.016	1.001	0.985	0.979	0.971	0.957	0.944
4	277.1	39.2	1.104	1.084	1.018	1.046	1.035	1.018	1.002	0.987	0.981	0.973	0.959	0.946
5	278.1	41.0	1.106	1.086	1.020	1.048	1.037	1.020	1.004	0.989	0.982	0.974	0.961	0.947
6	279.1	42.8	1.108	1.087	1.022	1.050	1.039	1.022	1.006	0.991	0.984	0.976	0.962	0.949
7	280.1	44.6	1.110	1.089	1.024	1.052	1.040	1.024	1.008	0.993	0.986	0.978	0.964	0.951
8	281.1	46.4	1.112	1.091	1.026	1.054	1.042	1.026	1.010	0.994	0.988	0.980	0.966	0.952
9	282.1	48.2	1.114	1.093	1.027	1.056	1.044	1.027	1.011	0.996	0.990	0.981	0.967	0.954
10	283.1	50.0	1.116	1.095	1.029	1.058	1.046	1.029	1.013	0.998	0.991	0.983	0.969	0.956

Temperature			Pressure Pa											
°C	°K	°F	80 000	83 000	86 000	89 000	91 000	94 000	97 000	100 000	101 325	103 000	106 000	109 000
11	284.1	51.8	1.118	1.097	1.031	1.060	1.048	1.031	1.015	1.000	0.993	0.985	0.971	0.957
12	285.1	53.6	1.120	1.099	1.033	1.061	1.050	1.033	1.017	1.001	0.995	0.987	0.973	0.959
13	286.1	55.4	1.121	1.101	1.035	1.063	1.052	1.035	1.018	1.003	0.997	0.988	0.974	0.961
14	287.1	57.2	1.123	1.103	1.036	1.065	1.053	1.036	1.020	1.005	0.998	0.990	0.976	0.962
15	288.1	59.0	1.125	1.105	1.038	1.067	1.055	1.038	1.022	1.006	1.000	0.992	0.978	0.964
16	289.1	60.8	1.127	1.107	1.040	1.069	1.057	1.040	1.024	1.008	1.002	0.993	0.979	0.966
17	290.1	62.6	1.129	1.109	1.042	1.071	1.059	1.042	1.025	1.010	1.003	0.995	0.981	0.967
18	291.1	64.4	1.131	1.110	1.043	1.072	1.061	1.043	1.027	1.012	1.005	0.997	0.983	0.969
19	292.1	66.2	1.133	1.112	1.045	1.074	1.062	1.045	1.029	1.013	1.007	0.999	0.984	0.971
20	293.1	68.0	1.135	1.114	1.047	1.076	1.064	1.047	1.031	1.015	1.008	1.000	0.986	0.972
21	294.1	69.8	1.137	1.116	1.049	1.078	1.066	1.049	1.032	1.017	1.010	1.002	0.988	0.974
22	295.1	71.6	1.139	1.118	1.051	1.080	1.068	1.051	1.034	1.019	1.012	1.004	0.989	0.976
23	296.1	73.4	1.141	1.120	1.052	1.082	1.070	1.052	1.036	1.020	1.014	1.005	0.991	0.977
24	297.1	75.2	1.143	1.122	1.054	1.083	1.071	1.054	1.038	1.022	1.015	1.007	0.993	0.979
25	298.1	77.0	1.145	1.124	1.056	1.085	1.073	1.056	1.040	1.024	1.017	1.009	0.994	0.981
26	299.1	78.8	1.147	1.126	1.058	1.087	1.075	1.058	1.041	1.026	1.019	1.010	0.996	0.982
27	300.1	80.6	1.149	1.128	1.060	1.089	1.077	1.060	1.043	1.027	1.021	1.012	0.998	0.984
28	301.1	82.4	1.151	1.130	1.061	1.091	1.079	1.061	1.045	1.029	1.022	1.014	0.999	0.986
29	302.1	84.2	1.152	1.131	1.063	1.093	1.081	1.063	1.047	1.031	1.024	1.016	1.001	0.987
30	303.1	86.0	1.154	1.133	1.065	1.094	1.082	1.065	1.048	1.032	1.026	1.017	1.003	0.989
31	304.1	87.8	1.156	1.135	1.067	1.096	1.084	1.067	1.050	1.034	1.027	1.019	1.004	0.991
32	305.1	89.6	1.158	1.137	1.068	1.098	1.086	1.068	1.052	1.036	1.029	1.021	1.006	0.992
33	306.1	91.4	1.160	1.139	1.070	1.100	1.088	1.070	1.053	1.038	1.031	1.022	1.008	0.994
34	307.1	93.2	1.162	1.141	1.072	1.102	1.089	1.072	1.055	1.039	1.032	1.024	1.009	0.995
35	308.1	95.0	1.164	1.143	1.074	1.103	1.091	1.074	1.057	1.041	1.034	1.026	1.011	0.997
36	309.1	96.8	1.166	1.144	1.075	1.105	1.093	1.075	1.059	1.043	1.036	1.027	1.013	0.999
37	310.1	98.6	1.168	1.146	1.077	1.107	1.095	1.077	1.060	1.044	1.037	1.029	1.014	1.000
38	311.1	100.4	1.169	1.148	1.079	1.109	1.096	1.079	1.062	1.046	1.039	1.031	1.016	1.002

Temperature			Pressure Pa											
°C	°K	°F	80 000	83 000	86 000	89 000	91 000	94 000	97 000	100 000	101 325	103 000	106 000	109 000
39	312.1	102.2	1.171	1.150	1.081	1.111	1.098	1.081	1.064	1.048	1.041	1.032	1.018	1.003
40	313.1	104.0	1.173	1.152	1.082	1.112	1.100	1.082	1.065	1.049	1.042	1.034	1.019	1.005
41	314.1	105.8	1.175	1.154	1.084	1.114	1.102	1.084	1.067	1.051	1.044	1.036	1.021	1.007
42	315.1	107.6	1.177	1.155	1.086	1.116	1.104	1.086	1.069	1.053	1.046	1.037	1.022	1.008
43	316.1	109.4	1.179	1.157	1.087	1.118	1.105	1.087	1.071	1.054	1.047	1.039	1.024	1.010
44	317.1	111.2	1.181	1.159	1.089	1.119	1.107	1.089	1.072	1.056	1.049	1.041	1.026	1.011
45	318.1	113.0	1.183	1.161	1.091	1.121	1.109	1.091	1.074	1.058	1.051	1.042	1.027	1.013
46	319.1	114.8	1.184	1.163	1.093	1.123	1.111	1.093	1.076	1.059	1.052	1.044	1.029	1.015
47	320.1	116.6	1.186	1.165	1.094	1.125	1.112	1.094	1.077	1.061	1.054	1.045	1.031	1.016
48	321.1	118.4	1.188	1.166	1.096	1.126	1.114	1.096	1.079	1.063	1.056	1.047	1.032	1.018
49	322.1	120.2	1.190	1.168	1.098	1.128	1.116	1.098	1.081	1.064	1.057	1.049	1.034	1.019
50	323.1	122.0	1.192	1.170	1.099	1.130	1.117	1.099	1.082	1.066	1.059	1.050	1.035	1.021

Moist Air, Relative Humidity 50%

Temperature			Pressure Pa										
°C	°K	°F	80 000	83 000	86 000	89 000	91 000	94 000	97 000	100 000	101 325	103 000	106 000	109 000
-15	258.1	5.0	1.065	1.046	0.983	1.010	0.999	0.983	0.968	0.953	0.947	0.939	0.926	0.913
-14	259.1	6.8	1.068	1.048	0.985	1.012	1.001	0.985	0.969	0.955	0.949	0.941	0.927	0.915
-13	260.1	8.6	1.070	1.050	0.987	1.014	1.003	0.987	0.971	0.957	0.950	0.943	0.929	0.916
-12	261.1	10.4	1.072	1.052	0.989	1.016	1.005	0.989	0.973	0.958	0.952	0.944	0.931	0.918
-11	262.1	12.2	1.074	1.054	0.991	1.018	1.007	0.991	0.975	0.960	0.954	0.946	0.933	0.920
-10	263.1	14.0	1.076	1.056	0.992	1.020	1.009	0.992	0.977	0.962	0.956	0.948	0.935	0.922
-9	264.1	15.8	1.078	1.058	0.994	1.022	1.011	0.994	0.979	0.964	0.958	0.950	0.936	0.923
-8	265.1	17.6	1.080	1.060	0.996	1.024	1.013	0.996	0.981	0.966	0.960	0.952	0.938	0.925
-7	266.1	19.4	1.082	1.062	0.998	1.026	1.014	0.998	0.983	0.968	0.961	0.954	0.940	0.927
-6	267.1	21.2	1.084	1.064	1.000	1.028	1.016	1.000	0.984	0.970	0.963	0.955	0.942	0.929
-5	268.1	23.0	1.086	1.066	1.002	1.030	1.018	1.002	0.986	0.971	0.965	0.957	0.944	0.930
-4	269.1	24.8	1.088	1.068	1.004	1.032	1.020	1.004	0.988	0.973	0.967	0.959	0.945	0.932
-3	270.1	26.6	1.090	1.070	1.006	1.034	1.022	1.006	0.990	0.975	0.969	0.961	0.947	0.934
-2	271.1	28.4	1.092	1.072	1.008	1.036	1.024	1.008	0.992	0.977	0.971	0.963	0.949	0.936
-1	272.1	30.2	1.094	1.074	1.010	1.038	1.026	1.010	0.994	0.979	0.972	0.964	0.951	0.937
0	273.1	32.0	1.097	1.076	1.011	1.040	1.028	1.011	0.996	0.981	0.974	0.966	0.952	0.939
1	274.1	33.8	1.099	1.079	1.013	1.041	1.030	1.013	0.998	0.982	0.976	0.968	0.954	0.941
2	275.1	35.6	1.101	1.081	1.015	1.043	1.032	1.015	0.999	0.984	0.978	0.970	0.956	0.943
3	276.1	37.4	1.103	1.083	1.017	1.045	1.034	1.017	1.001	0.986	0.980	0.972	0.958	0.944
4	277.1	39.2	1.105	1.085	1.019	1.047	1.036	1.019	1.003	0.988	0.981	0.973	0.960	0.946
5	278.1	41.0	1.107	1.087	1.021	1.049	1.038	1.021	1.005	0.990	0.983	0.975	0.961	0.948
6	279.1	42.8	1.109	1.089	1.023	1.051	1.040	1.023	1.007	0.992	0.985	0.977	0.963	0.950
7	280.1	44.6	1.111	1.091	1.025	1.053	1.042	1.025	1.009	0.993	0.987	0.979	0.965	0.951
8	281.1	46.4	1.113	1.093	1.027	1.055	1.043	1.027	1.011	0.995	0.989	0.981	0.967	0.953
9	282.1	48.2	1.115	1.095	1.029	1.057	1.045	1.029	1.012	0.997	0.991	0.982	0.968	0.955
10	283.1	50.0	1.117	1.097	1.030	1.059	1.047	1.030	1.014	0.999	0.992	0.984	0.970	0.957

Temperature			Pressure Pa											
°C	°K	°F	80 000	83 000	86 000	89 000	91 000	94 000	97 000	100 000	101 325	103 000	106 000	109 000
11	284.1	51.8	1.119	1.099	1.032	1.061	1.049	1.032	1.016	1.001	0.994	0.986	0.972	0.959
12	285.1	53.6	1.121	1.101	1.034	1.063	1.051	1.034	1.018	1.003	0.996	0.988	0.974	0.960
13	286.1	55.4	1.123	1.103	1.036	1.065	1.053	1.036	1.020	1.005	0.998	0.990	0.976	0.962
14	287.1	57.2	1.126	1.105	1.038	1.067	1.055	1.038	1.022	1.006	1.000	0.992	0.977	0.964
15	288.1	59.0	1.128	1.107	1.040	1.069	1.057	1.040	1.024	1.008	1.001	0.993	0.979	0.965
16	289.1	60.8	1.130	1.109	1.042	1.071	1.059	1.042	1.025	1.010	1.003	0.995	0.981	0.967
17	290.1	62.6	1.132	1.111	1.044	1.073	1.061	1.044	1.027	1.012	1.005	0.997	0.983	0.969
18	291.1	64.4	1.134	1.113	1.046	1.075	1.063	1.046	1.029	1.014	1.007	0.999	0.984	0.971
19	292.1	66.2	1.136	1.115	1.048	1.077	1.065	1.048	1.031	1.016	1.009	1.001	0.986	0.973
20	293.1	68.0	1.138	1.117	1.050	1.079	1.067	1.050	1.033	1.017	1.011	1.002	0.988	0.974
21	294.1	69.8	1.140	1.119	1.051	1.081	1.069	1.051	1.035	1.019	1.013	1.004	0.990	0.976
22	295.1	71.6	1.142	1.121	1.053	1.083	1.071	1.053	1.037	1.021	1.014	1.006	0.992	0.978
23	296.1	73.4	1.145	1.124	1.055	1.085	1.073	1.055	1.039	1.023	1.016	1.008	0.994	0.980
24	297.1	75.2	1.147	1.126	1.057	1.087	1.075	1.057	1.041	1.025	1.018	1.010	0.995	0.981
25	298.1	77.0	1.149	1.128	1.059	1.089	1.077	1.059	1.043	1.027	1.020	1.012	0.997	0.983
26	299.1	78.8	1.151	1.130	1.061	1.091	1.079	1.061	1.045	1.029	1.022	1.014	0.999	0.985
27	300.1	80.6	1.153	1.132	1.063	1.093	1.081	1.063	1.047	1.031	1.024	1.016	1.001	0.987
28	301.1	82.4	1.156	1.134	1.065	1.095	1.083	1.065	1.049	1.033	1.026	1.017	1.003	0.989
29	302.1	84.2	1.158	1.137	1.067	1.097	1.085	1.067	1.051	1.035	1.028	1.019	1.005	0.991
30	303.1	86.0	1.160	1.139	1.069	1.099	1.087	1.069	1.053	1.037	1.030	1.021	1.007	0.993
31	304.1	87.8	1.162	1.141	1.072	1.101	1.089	1.072	1.055	1.039	1.032	1.023	1.009	0.994
32	305.1	89.6	1.165	1.143	1.074	1.104	1.091	1.074	1.057	1.041	1.034	1.025	1.010	0.996
33	306.1	91.4	1.167	1.145	1.076	1.106	1.093	1.076	1.059	1.043	1.036	1.027	1.012	0.998
34	307.1	93.2	1.169	1.148	1.078	1.108	1.095	1.078	1.061	1.045	1.038	1.029	1.014	1.000
35	308.1	95.0	1.172	1.150	1.080	1.110	1.098	1.080	1.063	1.047	1.040	1.031	1.016	1.002
36	309.1	96.8	1.174	1.152	1.082	1.112	1.100	1.082	1.065	1.049	1.042	1.033	1.018	1.004
37	310.1	98.6	1.176	1.155	1.084	1.114	1.102	1.084	1.067	1.051	1.044	1.035	1.020	1.006
38	311.1	100.4	1.179	1.157	1.086	1.117	1.104	1.086	1.069	1.053	1.046	1.037	1.022	1.008

Temperature			Pressure Pa										
°C	°K	°F	80 000	83 000	86 000	89 000	91 000	94 000	97 000	100 000	101 325	103 000	106 000	109 000
39	312.1	102.2	1.181	1.159	1.088	1.119	1.106	1.088	1.071	1.055	1.048	1.039	1.024	1.010
40	313.1	104.0	1.184	1.162	1.090	1.121	1.109	1.090	1.073	1.057	1.050	1.041	1.026	1.012
41	314.1	105.8	1.186	1.164	1.093	1.123	1.111	1.093	1.075	1.059	1.052	1.043	1.028	1.014
42	315.1	107.6	1.189	1.166	1.095	1.126	1.113	1.095	1.077	1.061	1.054	1.045	1.030	1.016
43	316.1	109.4	1.191	1.169	1.097	1.128	1.115	1.097	1.080	1.063	1.056	1.047	1.032	1.018
44	317.1	111.2	1.194	1.171	1.099	1.130	1.118	1.099	1.082	1.065	1.058	1.049	1.034	1.020
45	318.1	113.0	1.196	1.174	1.102	1.133	1.120	1.102	1.084	1.067	1.060	1.051	1.036	1.022
46	319.1	114.8	1.199	1.176	1.104	1.135	1.122	1.104	1.086	1.070	1.062	1.054	1.038	1.024
47	320.1	116.6	1.201	1.179	1.106	1.138	1.125	1.106	1.089	1.072	1.065	1.056	1.040	1.026
48	321.1	118.4	1.204	1.182	1.109	1.140	1.127	1.109	1.091	1.074	1.067	1.058	1.043	1.028
49	322.1	120.2	1.207	1.184	1.111	1.143	1.130	1.111	1.093	1.076	1.069	1.060	1.045	1.030
50	323.1	122.0	1.210	1.187	1.113	1.145	1.132	1.113	1.096	1.079	1.071	1.062	1.047	1.032

Moist Air, Relative Humidity 100%

Temperature			Pressure Pa										
°C	°K	°F	80 000	83 000	86 000	89 000	91 000	94 000	97 000	100 000	101 325	103 000	106 000	109 000
-15	258.1	5.0	1.066	1.046	0.983	1.010	0.999	0.983	0.968	0.953	0.947	0.939	0.926	0.913
-14	259.1	6.8	1.068	1.048	0.985	1.012	1.001	0.985	0.970	0.955	0.949	0.941	0.928	0.915
-13	260.1	8.6	1.070	1.050	0.987	1.014	1.003	0.987	0.972	0.957	0.951	0.943	0.929	0.916
-12	261.1	10.4	1.072	1.052	0.989	1.016	1.005	0.989	0.973	0.959	0.952	0.945	0.931	0.918
-11	262.1	12.2	1.074	1.054	0.991	1.018	1.007	0.991	0.975	0.961	0.954	0.946	0.933	0.920
-10	263.1	14.0	1.076	1.057	0.993	1.020	1.009	0.993	0.977	0.962	0.956	0.948	0.935	0.922
-9	264.1	15.8	1.078	1.059	0.995	1.022	1.011	0.995	0.979	0.964	0.958	0.950	0.937	0.924
-8	265.1	17.6	1.080	1.061	0.997	1.024	1.013	0.997	0.981	0.966	0.960	0.952	0.938	0.925
-7	266.1	19.4	1.083	1.063	0.999	1.026	1.015	0.999	0.983	0.968	0.962	0.954	0.940	0.927
-6	267.1	21.2	1.085	1.065	1.000	1.028	1.017	1.000	0.985	0.970	0.964	0.956	0.942	0.929
-5	268.1	23.0	1.087	1.067	1.002	1.030	1.019	1.002	0.987	0.972	0.965	0.958	0.944	0.931
-4	269.1	24.8	1.089	1.069	1.004	1.032	1.021	1.004	0.989	0.974	0.967	0.959	0.946	0.933
-3	270.1	26.6	1.091	1.071	1.006	1.034	1.023	1.006	0.991	0.976	0.969	0.961	0.947	0.934
-2	271.1	28.4	1.093	1.073	1.008	1.036	1.025	1.008	0.992	0.977	0.971	0.963	0.949	0.936
-1	272.1	30.2	1.095	1.075	1.010	1.038	1.027	1.010	0.994	0.979	0.973	0.965	0.951	0.938
0	273.1	32.0	1.097	1.077	1.012	1.040	1.029	1.012	0.996	0.981	0.975	0.967	0.953	0.940
1	274.1	33.8	1.099	1.079	1.014	1.042	1.031	1.014	0.998	0.983	0.977	0.969	0.955	0.941
2	275.1	35.6	1.102	1.081	1.016	1.044	1.033	1.016	1.000	0.985	0.978	0.970	0.957	0.943
3	276.1	37.4	1.104	1.083	1.018	1.046	1.035	1.018	1.002	0.987	0.980	0.972	0.958	0.945
4	277.1	39.2	1.106	1.086	1.020	1.048	1.037	1.020	1.004	0.989	0.982	0.974	0.960	0.947
5	278.1	41.0	1.108	1.088	1.022	1.050	1.039	1.022	1.006	0.991	0.984	0.976	0.962	0.949
6	279.1	42.8	1.110	1.090	1.024	1.052	1.041	1.024	1.008	0.993	0.986	0.978	0.964	0.951
7	280.1	44.6	1.112	1.092	1.026	1.054	1.043	1.026	1.010	0.994	0.988	0.980	0.966	0.952
8	281.1	46.4	1.114	1.094	1.028	1.056	1.045	1.028	1.012	0.996	0.990	0.982	0.968	0.954
9	282.1	48.2	1.117	1.096	1.030	1.058	1.047	1.030	1.014	0.998	0.992	0.984	0.969	0.956
10	283.1	50.0	1.119	1.098	1.032	1.060	1.049	1.032	1.016	1.000	0.994	0.985	0.971	0.958

Temperature			Pressure Pa										
°C	°K	°F	80 000	83 000	86 000	89 000	91 000	94 000	97 000	100 000	101 325	103 000	106 000	109 000
11	284.1	51.8	1.121	1.100	1.034	1.063	1.051	1.034	1.018	1.002	0.995	0.987	0.973	0.960
12	285.1	53.6	1.123	1.103	1.036	1.065	1.053	1.036	1.019	1.004	0.997	0.989	0.975	0.961
13	286.1	55.4	1.125	1.105	1.038	1.067	1.055	1.038	1.021	1.006	0.999	0.991	0.977	0.963
14	287.1	57.2	1.128	1.107	1.040	1.069	1.057	1.040	1.023	1.008	1.001	0.993	0.979	0.965
15	288.1	59.0	1.130	1.109	1.042	1.071	1.059	1.042	1.025	1.010	1.003	0.995	0.980	0.967
16	289.1	60.8	1.132	1.111	1.044	1.073	1.061	1.044	1.027	1.012	1.005	0.997	0.982	0.969
17	290.1	62.6	1.134	1.113	1.046	1.075	1.063	1.046	1.029	1.014	1.007	0.999	0.984	0.971
18	291.1	64.4	1.137	1.116	1.048	1.077	1.065	1.048	1.031	1.016	1.009	1.001	0.986	0.972
19	292.1	66.2	1.139	1.118	1.050	1.079	1.067	1.050	1.033	1.018	1.011	1.003	0.988	0.974
20	293.1	68.0	1.141	1.120	1.052	1.081	1.069	1.052	1.035	1.020	1.013	1.005	0.990	0.976
21	294.1	69.8	1.144	1.123	1.054	1.084	1.072	1.054	1.038	1.022	1.015	1.007	0.992	0.978
22	295.1	71.6	1.146	1.125	1.056	1.086	1.074	1.056	1.040	1.024	1.017	1.009	0.994	0.980
23	296.1	73.4	1.148	1.127	1.058	1.088	1.076	1.058	1.042	1.026	1.019	1.011	0.996	0.982
24	297.1	75.2	1.151	1.130	1.061	1.090	1.078	1.061	1.044	1.028	1.021	1.013	0.998	0.984
25	298.1	77.0	1.153	1.132	1.063	1.093	1.080	1.063	1.046	1.030	1.023	1.015	1.000	0.986
26	299.1	78.8	1.156	1.134	1.065	1.095	1.083	1.065	1.048	1.032	1.025	1.017	1.002	0.988
27	300.1	80.6	1.158	1.137	1.067	1.097	1.085	1.067	1.050	1.034	1.027	1.019	1.004	0.990
28	301.1	82.4	1.161	1.139	1.070	1.100	1.087	1.070	1.053	1.036	1.030	1.021	1.006	0.992
29	302.1	84.2	1.163	1.142	1.072	1.102	1.090	1.072	1.055	1.039	1.032	1.023	1.008	0.994
30	303.1	86.0	1.166	1.144	1.074	1.104	1.092	1.074	1.057	1.041	1.034	1.025	1.010	0.996
31	304.1	87.8	1.169	1.147	1.076	1.107	1.094	1.076	1.059	1.043	1.036	1.027	1.013	0.998
32	305.1	89.6	1.171	1.150	1.079	1.109	1.097	1.079	1.062	1.045	1.038	1.030	1.015	1.000
33	306.1	91.4	1.174	1.152	1.081	1.112	1.099	1.081	1.064	1.048	1.041	1.032	1.017	1.003
34	307.1	93.2	1.177	1.155	1.084	1.114	1.102	1.084	1.066	1.050	1.043	1.034	1.019	1.005
35	308.1	95.0	1.180	1.157	1.086	1.117	1.104	1.086	1.069	1.052	1.045	1.036	1.021	1.007
36	309.1	96.8	1.182	1.160	1.088	1.119	1.107	1.088	1.071	1.055	1.047	1.039	1.024	1.009
37	310.1	98.6	1.185	1.163	1.091	1.122	1.109	1.091	1.074	1.057	1.050	1.041	1.026	1.011
38	311.1	100.4	1.188	1.166	1.094	1.125	1.112	1.094	1.076	1.059	1.052	1.043	1.028	1.014

Temperature			**Pressure Pa**										
°C	°K	°F	80 000	83 000	86 000	89 000	91 000	94 000	97 000	100 000	101 325	103 000	106 000	109 000
39	312.1	102.2	1.191	1.169	1.096	1.127	1.115	1.096	1.079	1.062	1.055	1.046	1.031	1.016
40	313.1	104.0	1.194	1.172	1.099	1.130	1.117	1.099	1.081	1.064	1.057	1.048	1.033	1.018
41	314.1	105.8	1.197	1.175	1.101	1.133	1.120	1.101	1.084	1.067	1.060	1.051	1.035	1.021
42	315.1	107.6	1.200	1.178	1.104	1.136	1.123	1.104	1.086	1.069	1.062	1.053	1.038	1.023
43	316.1	109.4	1.204	1.181	1.107	1.139	1.126	1.107	1.089	1.072	1.065	1.056	1.040	1.025
44	317.1	111.2	1.207	1.184	1.110	1.142	1.129	1.110	1.092	1.075	1.067	1.058	1.043	1.028
45	318.1	113.0	1.210	1.187	1.113	1.145	1.132	1.113	1.095	1.077	1.070	1.061	1.045	1.030
46	319.1	114.8	1.214	1.190	1.115	1.148	1.135	1.115	1.097	1.080	1.073	1.064	1.048	1.033
47	320.1	116.6	1.217	1.194	1.118	1.151	1.138	1.118	1.100	1.083	1.076	1.066	1.051	1.035
48	321.1	118.4	1.221	1.197	1.122	1.154	1.141	1.122	1.103	1.086	1.078	1.069	1.053	1.038
49	322.1	120.2	1.224	1.201	1.125	1.157	1.144	1.125	1.106	1.089	1.081	1.072	1.056	1.041
50	323.1	122.0	1.228	1.204	1.128	1.161	1.147	1.128	1.109	1.092	1.084	1.075	1.059	1.044