

The Handy-Dandy Slow Force Carbonation Chart featuring Pressure vs. Temperature in Degrees Fahrenheit

Temperature		PSI (Pounds Per Square Inch)																													
F	C	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
30 F	-1.1 C	1.8	1.9	2	2.1	2.2	2.4	2.5	2.6	2.7	2.8	2.9	3	3.1	3.2	3.4	3.5	3.6	3.7	3.8	3.9	4	4.1	4.2	4.3	4.4	4.7	4.8	4.9	5	5
31 F	-0.6 C	1.8	1.9	2	2.1	2.2	2.3	2.4	2.5	2.7	2.8	2.9	3	3.1	3.2	2.3	3.4	3.5	3.6	3.7	3.8	3.9	4	4.1	4.3	4.4	4.5	4.6	4.7	4.8	4.9
32 F	0.0 C	1.8	1.9	2	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4	4.2	4.3	4.4	4.5	4.6	4.7	4.8
33 F	0.6 C	1.7	1.8	1.9	2	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	3	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4	4.1	4.2	4.3	4.4	4.5	4.6	4.7
34 F	1.1 C	1.7	1.8	1.9	2	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4	4.1	4.2	4.3	4.4	4.5	4.6
35 F	1.7 C	1.6	1.7	1.8	1.9	2	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4	4.1	4.2	4.3	4.4	4.5
36 F	2.2 C	1.6	1.7	1.8	1.9	2	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3	3.1	3.2	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4	4.1	4.2	4.3	4.4
37 F	2.8 C	1.6	1.7	1.7	1.8	1.9	2	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.8	3.9	4	4.1	4.2	4.3
38 F	3.3 C	1.5	1.6	1.7	1.8	1.9	2	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	2.9	3	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4	4.1	4.2	4.2
39 F	3.9 C	1.5	1.6	1.7	1.8	1.9	2	2.1	2.2	2.3	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3	3.1	3.2	3.3	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4	4.1	4.2
40 F	4.4 C	1.5	1.6	1.7	1.7	1.8	1.9	2	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.8	2.9	3	3.1	3.2	3.3	3.4	3.5	3.6	3.6	3.7	3.8	3.9	4	4.1
41 F	5.0 C	1.4	1.5	1.6	1.7	1.8	1.9	2	2.1	2.2	2.3	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3	3.1	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4	4
42 F	5.6 C	1.4	1.5	1.6	1.7	1.8	1.9	1.9	2	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.7	2.8	2.9	3	3.1	3.2	3.3	3.4	3.4	3.5	3.6	3.7	3.8	3.9	4
43 F	6.1 C	1.4	1.5	1.5	1.6	1.7	1.8	1.9	2	2.1	2.2	2.3	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3	3	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.7	3.8	3.9
44 F	6.7 C	1.4	1.4	1.5	1.6	1.7	1.8	1.9	2	2	2.1	2.2	2.3	2.4	2.5	2.6	2.6	2.7	2.8	2.9	3	3.1	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.8
45 F	7.2 C	1.3	1.4	1.5	1.6	1.7	1.8	1.8	1.9	2	2.1	2.2	2.3	2.3	2.4	2.5	2.6	2.7	2.8	2.9	2.9	3	3.1	3.2	3.3	3.4	3.5	3.5	3.6	3.7	3.8
46 F	7.8 C	1.3	1.4	1.5	1.5	1.6	1.7	1.8	1.9	2	2	2.1	2.2	2.3	2.4	2.5	2.6	2.6	2.7	2.8	2.9	3	3.1	3.2	3.2	3.3	3.4	3.5	3.6	3.7	3.7
47 F	8.3 C	1.3	1.3	1.4	1.5	1.6	1.7	1.8	1.8	1.9	2	2.1	2.2	2.3	2.3	2.4	2.5	2.6	2.7	2.8	2.8	2.9	3	3.1	3.2	3.3	3.4	3.4	3.5	3.6	3.7
48 F	8.9 C	1.2	1.3	1.4	1.5	1.6	1.7	1.7	1.8	1.9	2	2.1	2.1	2.2	2.3	2.4	2.5	2.5	2.6	2.7	2.8	2.9	3	3	3.1	3.2	3.3	3.4	3.5	3.5	3.6
49 F	9.4 C	1.2	1.3	1.4	1.5	1.5	1.6	1.7	1.8	1.9	1.9	2	2.1	2.2	2.3	2.3	2.4	2.5	2.6	2.7	2.8	2.8	2.9	3	3.1	3.2	3.2	3.3	3.4	3.5	3.6
50 F	10.0 C	1.2	1.3	1.3	1.4	1.5	1.6	1.7	1.7	1.8	1.9	2	2.1	2.1	2.2	2.3	2.4	2.5	2.5	2.6	2.7	2.8	2.9	2.9	3	3.1	3.2	3.3	3.3	3.4	3.5
51 F	10.6 C	1.2	1.3	1.3	1.4	1.5	1.6	1.6	1.7	1.8	1.9	2	2	2.1	2.2	2.3	2.3	2.4	2.5	2.6	2.7	2.7	2.8	2.9	3	3.1	3.1	3.2	3.3	3.3	3.4
52 F	11.1 C	1.2	1.2	1.3	1.4	1.5	1.5	1.6	1.7	1.8	1.8	1.9	2	2.1	2.1	2.2	2.3	2.4	2.5	2.5	2.6	2.7	2.8	2.8	2.9	3	3.1	3.1	3.2	3.3	3.4
53 F	11.7 C	1.1	1.2	1.3	1.4	1.4	1.5	1.6	1.7	1.7	1.8	1.9	2	2	2.1	2.2	2.3	2.3	2.4	2.5	2.6	2.6	2.7	2.8	2.9	2.9	3	3.1	3.2	3.2	3.3
54 F	12.2 C	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.6	1.7	1.8	1.9	1.9	2	2.1	2.2	2.2	2.3	2.4	2.5	2.5	2.6	2.7	2.7	2.8	2.9	3	3	3.1	3.2	3.2
55 F	12.8 C	1.1	1.2	1.2	1.3	1.4	1.5	1.5	1.6	1.7	1.8	1.8	1.9	2	2	2.1	2.2	2.3	2.3	2.4	2.5	2.5	2.6	2.7	2.8	2.8	2.9	3	3	3.1	3.2
56 F	13.3 C	1.1	1.2	1.2	1.3	1.4	1.4	1.5	1.6	1.7	1.7	1.8	1.9	1.9	2	2.1	2.2	2.2	2.3	2.4	2.4	2.5	2.6	2.6	2.7	2.8	2.9	2.9	3	3.1	3.1
57 F	13.9 C	1.1	1.1	1.2	1.3	1.3	1.4	1.5	1.5	1.6	1.7	1.8	1.8	1.9	2	2	2.1	2.2	2.3	2.3	2.4	2.5	2.5	2.6	2.7	2.7	2.8	2.9	2.9	3	3.1
58 F	14.4 C	1	1.1	1.2	1.2	1.3	1.4	1.4	1.5	1.6	1.7	1.7	1.8	1.9	1.9	2	2.1	2.2	2.2	2.3	2.4	2.4	2.5	2.6	2.6	2.7	2.8	2.8	2.9	3	3
59 F	15.0 C	1	1.1	1.2	1.2	1.3	1.4	1.4	1.5	1.6	1.6	1.7	1.8	1.8	1.9	2	2	2.1	2.2	2.2	2.3	2.4	2.4	2.5	2.6	2.6	2.7	2.8	2.8	2.9	3
60 F	15.6 C	1	1.1	1.2	1.2	1.3	1.3	1.4	1.5	1.5	1.6	1.6	1.8	1.8	1.9	2	2	2.1	2.1	2.2	2.3	2.3	2.4	2.5	2.5	2.6	2.7	2.7	2.8	2.9	2.9
61 F	16.1 C	1	1.1	1.1	1.2	1.2	1.3	1.4	1.4	1.5	1.6	1.6	1.7	1.8	1.8	1.9	2	2	2.1	2.1	2.2	2.3	2.3	2.4	2.5	2.5	2.6	2.7	2.7	2.8	2.9
62 F	16.7 C	1	1	1.1	1.2	1.2	1.3	1.3	1.4	1.5	1.5	1.6	1.7	1.7	1.8	1.8	1.9	2	2	2.1	2.2	2.2	2.3	2.3	2.4	2.5	2.5	2.6	2.7	2.7	2.8
63 F	17.2 C	0.9	1	1.1	1.1	1.2	1.2	1.3	1.4	1.4	1.5	1.6	1.6	1.7	1.7	1.8	1.9	1.9	2	2	2.1	2.2	2.2	2.3	2.4	2.4	2.5	2.5	2.6	2.7	2.7
64 F	17.8 C	0.9	1	1	1.1	1.2	1.2	1.3	1.3	1.4	1.5	1.5	1.6	1.6	1.7	1.8	1.8	1.9	1.9	2	2.1	2.1	2.2	2.2	2.3	2.4	1.4	2.5	2.5	2.6	2.6
65 F	18.3 C	0.9	0.9	1	1.1	1.1	1.2	1.2	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.7	1.8	1.8	1.9	1.9	2	2.1	2.1	2.2	2.2	2.3	2.3	2.4	2.5	2.5	2.6

Table Key:

- Blue = Under-Carbonated, 0 – 1.40 volumes CO2
- Gray = Stouts and porters, 1.50 – 2.20 volumes CO2
- Green = Lagers, Ales, Ambers, most beers, 2.20 – 2.60 volumes CO2
- Yellow = Highly carbonated ales, Lambics, Wheat beers 2.60 – 4.0 volumes CO2
- Red = Over-carbonated (except for certain specialty ales) 4.1+ volumes CO2

* This chart is for use in force carbonating draft beer. Use this force carbonation chart at your own risk. Never exceed the pressure rating of the carbonating vessel as injury to yourself or others may result. This information is provided "as is" and the author assumes no liability for the use of the results from this force carbonation chart