

What are the effects of Pressure on Steam Temperature?

Steam Table

Pressure		Temperature	
PSIG	PSI	°F	°C
0	14.7	212.0	100.0
1	15.7	215.5	101.9
2	16.7	218.5	103.6
3	17.7	221.5	105.3
4	18.7	224.5	106.9
5	19.7	227.4	108.6
6	20.7	230.0	110.0
7	21.7	232.4	111.3
8	22.7	234.8	112.7
9	23.7	237.1	113.9
10	24.7	239.4	115.2
11	25.7	241.6	116.4
12	26.7	243.7	117.6
13	27.7	245.8	118.8
14	28.7	247.9	119.9
15	29.7	249.8	121.0
16	30.7	251.7	122.1
17	31.7	253.6	123.1
18	32.7	255.6	124.2
19	33.7	257.2	125.1
20	34.7	258.8	126.0
21	35.7	260.6	127.0
22	36.7	262.3	127.9
23	37.7	263.8	128.8
24	38.7	265.3	129.6
25	39.7	266.8	130.4
26	40.7	268.3	131.3
27	41.7	269.9	132.2

Pressure		Temperature	
PSIG	PSI	°F	°C
28	42.7	271.4	133.0
29	43.7	272.7	133.7
30	44.7	274.0	134.4
31	45.7	275.4	135.2
32	46.7	276.7	135.9
33	47.7	278.1	136.7
34	48.7	279.4	137.4
35	49.7	280.7	138.2
36	50.7	281.9	138.8
37	51.7	283.2	139.6
38	52.7	284.4	140.2
39	53.7	285.6	140.8
40	54.7	286.7	141.5
41	55.7	287.9	142.2
42	56.7	289.0	142.8
43	57.7	290.2	143.4
44	58.7	291.3	144.1
45	59.7	292.4	144.7
46	60.7	293.5	145.3
47	61.7	294.6	145.9
48	62.7	295.6	146.4
49	63.7	296.7	147.1
50	64.7	297.7	147.6
51	65.7	298.7	148.2
52	66.7	299.7	148.7
53	67.7	300.7	149.3
54	68.7	301.7	149.8
55	69.7	302.7	150.4

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