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Boiling Point V/S Atmosphere Tables *Reference number : Gilles-BPT- 01*

By: Gilles Desormeaux Date: 26 / 11 / 2006 Email: ethanolpro@globetrottre.net							REFERENCES : http://www.unitconversion.org/ http://partyman.se/calculator.htm						BOILING POINTS FOR :					
ELEVATION IN FEET	PRESSURE	INCHES WATER	INCHES MERCURY	MILIMETERS MERCURY	MILIBARS	KILOPASCALS	PURE WATER		PURE ETHANOL		AZEOTROPE 95% Ethanol							
	Psi	" H ² O	" hG	mm Hg	mbar	kPa	° C	° F	° C	° F	° C	° F						
		in Aq	in Hg	Torr	hPa													
- 1,000 Ft	15.24	421.7	31.02	787.9	1050.4	105.0	101.0	213.8	79.1	174.4	78.8	173.8						
- 500 Ft	14.94	414.6	30.44	773.8	1031.6	103.2	100.5	212.9	78.8	173.8	78.6	173.5						
0 Ft	14.70	407.2	29.92	760.0	1013.2	101.32	100.0	212.0	78.3	172.9	78.1	172.6						
500Ft	14.43	399.9	29.38	746.4	995.1	99.51	99.5	211.5	77.5	171.5	77.3	171.1						
1,000 Ft	14.18	392.6	28.86	732.9	977.1	97.71	99.0	210.2	77.3	171.1	77.1	170.8						
2,000 Ft	13.64	378.6	27.82	706.6	942.1	94.21	97.9	208.2	76.4	169.5	76.2	169.2						
3,000 Ft	13.19	364.9	26.81	681.1	908.1	90.81	96.9	206.4	75.4	167.7	75.2	167.4						
4,000 Ft	12.70	351.6	25.84	656.3	875.0	87.50	95.9	204.5	74.4	165.9	74.2	165.6						
5,000 Ft	12.23	338.8	24.89	632.3	843.0	84.30	94.8	202.6	73.5	164.3	73.3	163.9						
10,000 Ft	10.10	280.0	20.58	522.6	696.7	69.70	89.6	193.3	68.8	155.8	68.4	155.1						
15,000 Ft	8.29	229.7	16.88	428.8	571.7	57.20	84.4	183.8	63.7	146.7	63.5	146.3						
20,000 Ft	6.75	187.1	13.75	349.1	465.4	46.50	79.1	174.4	58.6	137.5	58.1	136.6						
30,000 Ft	4.36	120.9	8.87	225.6	300.8	30.10	68.4	155.1	48.7	119.7	48.5	119.3						
40,000 Ft	2.72	75.4	5.54	140.7	187.6	18.70	57.5	135.5	38.5	101.3	38.3	100.9						
50,000 Ft	1.69	46.8	3.25	87.3	116.4	11.64	41.7	107.6	28.8	83.8	28.6	83.5						
60,000 Ft	2.13	29.0	2.13	54.15	72.2	7.22	37.4	99.3	19.7	67.5	19.5	67.1						
70,000 Ft	0.65	18.0	1.32	33.56	44.7	4.47	28.3	82.9	11.2	52.2	11.0	51.8						
80,000 Ft	0.40	11.2	0.82	20.83	28.7	2.77	19.6	67.3	3.0	37.4	2.9	37.2						

Notes