

UNIVERSAL ANALYZERS INC.

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**MOISTURE CONVERSION TABLE**

DEW POINT, DEGREES C.	% WATER BY VOLUME AT SATURATION	% WATER BY WEIGHT AT SATURATION	WATER VAPOR PRESSURE, mm. Hg
-100	0.00000139	0.00000081	0.0000099
-50	0.00388	0.00241	0.0295
-30	0.0347	0.0215	0.264
-20	0.102	0.0633	0.776
-10	0.256	0.1596	1.950
-5	0.396	0.229	3.014
-4	0.432	0.268	3.280
-3	0.469	0.291	3.569
-2	0.510	0.317	3.880
1	0.555	0.345	4.223
0	0.602	0.364	4.579
1	0.649	0.404	4.937
2	0.696	0.433	5.294
3	0.750	0.466	5.70
4	0.803	0.499	6.10
5	0.861	0.535	6.54
6	0.922	0.573	7.01
7	0.988	0.614	7.51
8	1.06	0.658	8.05
9	1.13	0.702	8.58
10	1.21	0.753	9.15
11	1.29	0.802	9.8
12	1.38	0.860	10.5
13	1.48	0.920	11.2
14	1.58	0.980	12.0
15	1.68	1.044	12.8
20	2.31	1.433	17.5
25	3.13	2.004	23.8
30	4.19	2.64	
35	5.55	3.54	
40	7.28	4.67	
45	9.46	6.12	
50	12.2	8.0	
55	15.5	10.3	
60	19.7	13.3	
65	24.4	16.8	
70	30.7	21.7	
75	38.0	27.8	
80	46.7	35.6	
85	57.2	45.7	
90	69.2	58.4	