

Moisture Conversion Table

Dewpoint		Vapor Pressure	PPM on Volume	% Relative	PPM on Weight
°C	°F	(Water/Ice in Equilibrium) mm of Mercury	Basis at 760 mm of of Hg Pressure	Humidity at 70 °F	Base in Air
-110	-166	.0000010	.00132	.0000053	.00082
-108	-162	.0000018	.00237	.0000096	.0015
-106	-159	.0000028	.00368	.000015	.0023
-104	-155	.0000043	.00566	.000023	.0035
-102	-152	.0000065	.00855	.000035	.0053
-100	-148	.0000099	.0130	.000053	.0081
-98	-144	.000015	.0197	.000080	.012
-96	-141	.000022	.0289	.00012	.018
-94	-137	.000033	.0434	.00018	.027
-92	-134	.000048	.0632	.00026	.039
-90	-130	.000070	.0921	.00037	.057
-88	-126	.00010	.132	.00054	.082
-86	-123	.00014	.184	.00075	.11
-84	-119	.00020	.263	.00107	.16
-82	-116	.00029	.382	.00155	.24
-80	-112	.00040	.562	.00214	.33
-78	-108	.00056	.737	.00300	.46
-76	-105	.00077	1.01	.00410	.63
-74	-101	.00105	1.38	.00559	.86
-72	-98	.00143	1.88	.00762	1.17
-70	-94	.00194	2.55	.0104	1.58
-68	-90	.00261	3.43	.0140	2.13
-66	-87	.00349	4.59	.0187	2.84
-64	-83	.00464	6.11	.0248	3.79
-62	-80	.00614	8.08	.0328	5.01
-60	-76	.00808	10.6	.0430	6.59
-58	-72	.0106	13.9	.0565	8.63
-56	-69	.0138	18.2	.0735	11.3
-54	-65	.0178	23.4	.0948	14.5
-52	-62	.0230	30.3	.123	18.8
-50	-58	.0295	38.8	.157	24.1
-48	-54	.0378	49.7	.202	30.9
-46	-51	.0481	63.3	.257	39.3
-44	-47	.0609	80.0	.325	49.7
-42	-44	.0768	101.	.410	62.7
-40	-40	.0966	127.	.516	78.9
-38	-36	.1209	159.	.644	98.6
-36	-33	.1507	198.	.804	122.9
-34	-29	.1873	246.	1.00	152.
-32	-26	.2318	305.	1.24	189.
-30	-22	.2859	376.	1.52	234.
-28	-18	.351	462.	1.88	287.
-26	-15	.430	566.	2.30	351.
-24	-11	.526	692.	2.81	430.
-22	-8	.640	842.	3.41	523.
-20	-4	.776	1020.	4.13	633.
-18	0	.939	1240.	5.00	770.
-16	+ 3	1.132	1490.	6.03	925.
-14	+ 7	1.361	1790.	7.25	110.
-12	+ 10	1.632	2150.	8.69	1335.
-10	+ 14	1.950	2570.	10.4	1596.
-8	+ 18	2.326	3060.	12.4	1900.
-6	+ 21	2.765	3640.	14.7	2260.
-4	+ 25	3.280	4320.	17.5	2680.
-2	+ 28	3.880	5100.	20.7	3170.
0	+ 32	4.579	6020.	24.4	3640.
+ 2	+ 36	5.294	6970.	28.2	4330.
+ 4	+ 39	6.101	8030.	32.5	4990.
+ 6	+ 43	7.013	9230.	37.4	5730.
+ 8	+ 46	8.045	10590.	42.9	6580.
+ 10	+ 50	9.029	12120.	49.1	7530.
+ 12	+ 54	10.52	13840.	56.1	8600.
+ 14	+ 57	11.99	15780.	63.9	9800.
+ 16	+ 61	13.63	17930.	72.6	11140.
+ 18	+ 64	15.48	20370.	82.5	12650.
+ 20	+ 68	17.54	23080.	93.5	14330.
+ 22	+ 71.5	19.827	26088.		16699.
+ 24	+ 75	22.377	29443.		18847.
+ 26	+ 79	25.209	33169.		21232.
+ 28	+ 82	28.349	37301.		23877.
+ 30	+ 86	31.824	41874.		26804.