

Dew Point Conversion Data

Dew Point °F	Dew Point °C	Moisture Content ppm (v/v)	Moisture Content mg/L	Moisture Content mg/m ³	Moisture Content lbs/mmcf
-110	-78.9	0.58	0.00043	0.43	0.03
-105	-76.1	0.93	0.00069	0.69	0.04
-100	-73.3	1.5	0.0011	1.1	0.07
-95	-70.5	2.3	0.0017	1.7	0.11
-90	-67.8	3.5	0.0026	2.6	0.16
-85	-65.0	5.3	0.0040	4.0	0.25
-80	-62.2	7.8	0.0058	5.8	0.36
-75	-59.4	11.4	0.0085	8.5	0.53
-70	-56.7	16.2	0.012	12	0.75
-65	-53.9	23.0	0.017	17	1.06
-60	-51.1	32.0	0.024	24	1.50
-55	-48.3	45.0	0.034	34	2.12
-50	-45.6	63.0	0.047	47	2.93
-45	-42.8	87.0	0.065	65	4.06
-40	-40.0	120	0.089	89	5.55
-35	-37.2	165	0.12	120	7.49
-30	-34.4	225	0.17	170	10.61
-25	-31.6	305	0.23	230	14.35
-20	-28.9	400	0.30	300	18.72
-15	-26.1	525	0.39	390	24.34
-10	-23.3	690	0.51	510	31.82
-5	-20.5	895	0.67	670	41.81
0	-17.8	1180	0.88	880	54.91
4	-15.6	1560	1.17	1170	73.01
8	-13.3	1913	1.43	1435	89.53
12	-11.1	2340	1.76	1755	109.51
16	-8.9	2852	2.14	2139	133.47
20	-6.7	3463	2.60	2597	162.07
24	-4.4	4194	3.15	3146	196.28
28	-2.2	5064	3.80	3798	237.00
32	0	6096	4.57	4572	285.29

Notes

The -110 to 0 °F data is taken from the ANSI/CGA G-7.1 - 1989 document.

The 4 to 32 °F data is taken from a psychrometric values chart provided by Bauer Compressors, Inc.