

Water Content of Gases

Sl.No.	Dew Point ° C	Moisture Content		Sl.No.	Dew Point ° C	Moisture Content	
		g / NM ³	ppm Volume			g / NM ³	ppm Volume
01	-90	0.0000767	0.0953	41	+0	4.84	6020
02	-80	0.000434	0.54	42	+1	5.21	6480
03	-70	0.00207	2.57	43	+2	5.59	6953
04	-60	0.00857	10.7	44	+3	6.02	7487
05	-55	0.0166	20.6	45	+4	6.45	8022
06	-50	0.0317	39.4	46	+5	6.91	8595
07	-48	0.0399	49.6	47	+6	7.41	9216
08	-46	0.0507	63.0	48	+7	7.94	9875
09	-44	0.0642	80.1	49	+8	8.51	10584
10	-42	0.0816	101.5	50	+9	9.10	11318
11	-40	0.102	126.9	51	+10	9.74	12114
12	-38	0.127	158.0	52	+11	10.4	12935
13	-36	0.159	197.8	53	+12	11.1	13806
14	-34	0.197	245	54	+13	11.9	14800
15	-32	0.244	303	55	+14	12.7	15796
16	-30	0.301	374	56	+15	13.5	16791
17	-28	0.371	461	57	+16	14.4	17885
18	-26	0.454	564	58	+17	15.4	19030
19	-24	0.554	689	59	+18	16.4	20396
20	-22	0.675	840	60	+19	17.4	21641
21	-20	0.816	1015	61	+20	18.5	23020
22	-19	0.899	1118	62	+21	19.7	24502
23	-18	0.989	1231	63	+22	21.0	26120
24	-17	1.09	1356	64	+23	22.3	27736
25	-16	1.19	1480	65	+24	23.7	29477
26	-15	1.31	1630	66	+25	25.1	31219
27	-14	1.43	1779	67	+26	26.7	33209
28	-13	1.57	1953	68	+27	28.3	35200
29	-12	1.72	2140	69	+28	30.0	37312
30	-11	1.80	2338	70	+29	31.8	39551
31	-10	2.06	2562	71	+30	33.6	41791
32	-9	2.25	2798	72	+35	44.6	55472
33	-8	2.45	3047	73	+40	58.5	71761
34	-7	2.68	3333	74	+45	76.0	94527
35	-6	2.92	3632	75	+50	97.8	120398
36	-5	3.18	3955	76	+55	125	155472
37	-4	3.46	4303	77	+60	158	196517
38	-3	3.77	4690	78	+70	247	307212
39	-2	4.10	5100	79	+80	376	467662
40	-1	4.46	5547	80	+90	556	691542