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Weight of Water Vapor Per Pound of Dry Air at Saturation

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WEIGHT OF WATER VAPOR PER POUND OF
DRY AIR AT SATURATION

Temperature Degrees F.	Weight		Temperature Degrees F.	Weight	
	Pounds	Grains		Pounds	Grains
0	0.000787	5.51	60	.01103	77.55
10	.001315	9.21	61	.01149	80.43
20	.002152	15.06	62	.01191	83.37
30	.003454	24.18	63	.01235	86.45
32	.003788	26.52	64	.01280	89.60
35	.004275	29.93	65	.01326	92.82
36	.004450	31.15	66	.01374	96.18
37	.004631	32.42	67	.01424	99.68
38	.004818	33.73	68	.01475	103.3
39	.005012	35.08	69	.01528	107.0
40	.005213	36.49	70	.01582	110.7
41	.005421	37.95	71	.01639	114.7
42	.005638	39.47	72	.01697	118.8
43	.005860	41.02	73	.01757	123.0
44	.006091	42.64	74	.01819	127.3
45	.00633	44.31	75	.01882	131.7
46	.00658	46.06	76	.01948	136.4
47	.00684	47.88	77	.02016	141.1
48	.00710	49.70	78	.02086	146.0
49	.00737	51.59	79	.02158	151.1
50	.00766	53.62	80	.02233	156.3
51	.00795	55.65	81	.02310	161.7
52	.00826	57.82	82	.02389	167.2
53	.00857	59.99	83	.02471	173.0
54	.00889	62.23	84	.02555	178.9
55	.00923	64.61	85	.02642	184.9
56	.00958	67.06	86	.02731	191.2
57	.00993	69.51	87	.02824	197.7
58	.01030	72.10	88	.02919	204.3
59	.01069	74.83	89	.03017	211.2

WEIGHT OF WATER VAPOR PER POUND OF
DRY AIR AT SATURATION

Temperature			Temperature		
Degress F.	Pounds	Grains	Degrees F.	Pounds	Grains
90	.03118	218.3	105	.0507	355.0
91	.03223	225.6	106	.0523	366.
92	.03330	233.1	107	.0540	378.
93	.03441	240.9	108	.0558	391.
94	.03556	248.9	109	.0576	403.
95	.03673	257.1	110	.0594	416.
96	.03795	265.7	111	.0614	430.
97	.03920	274.4	112	.0633	443.
98	.04049	283.4	113	.0654	458.
99	.04182	292.7	114	.0675	473.
100	.04319	302.3	115	.0696	487.
101	.04460	312.2	116	.0719	503.
102	.04606	322.4	117	.0742	519.
103	.04756	332.9	118	.0765	536.
104	.04911	343.8	119	.0790	553.
			120	.0815	570.

Compiled by Seed Technology Laboratory . 1968.