

METEOROLOGICAL OFFICE

# HYGROMETRIC TABLES

for use with

STEVENSON SCREEN READINGS

in

DEGREES FAHRENHEIT

Part I

Fifth Edition

*LONDON*

HER MAJESTY'S STATIONERY OFFICE

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# PREFACE

The adoption by the Meteorological Office of the recommendations relating to atmospheric humidity specified in the "Technical Regulations" of the World Meteorological Organization (Vol. I, General, W.M.O.—No. 49, 1st edn., 1956, Annex III) has necessitated the preparation of a new edition of "Hygrometric Tables". The tables are published in separate parts as follows:

- M.O. 265a Fahrenheit screen values,
- M.O. 265b Celsius screen values, and
- M.O. 265c Celsius aspirated values.

The major recommendations adopted are

- (a) that the saturation vapour pressure of water vapour over water and ice surfaces as a function of temperature shall be computed from the formulae due to J. A. Goff and S. Gratch published in Annex III of W.M.O. "Technical Regulations" (Vol. I, No. 49, 1st edn., 1956)
- and (b) that relative humidity at all temperatures shall be stated with respect to a water surface.

The numerical values of saturation vapour pressure computed from the formulae due to Goff and Gratch differ in the range of temperatures of serious meteorological importance by less than 0.1 mb from those due to K. Scheel and W. Heuse of the Reichsanstalt (Annalen der Physik, Bd. 29, 1909 and Bd. 31, 1910) which formed the basis of previous editions of "Hygrometric Tables".

The computation of the hygrometric elements from readings of wet and dry thermometers is based in this, as in previous editions, upon Regnault's formula with appropriate values of the constant. The relative humidity has been determined as the percentage ratio of the vapour pressure to the saturation vapour pressure at the same temperature. The opportunity has been taken to reduce the interpolation in finding vapour pressure by giving values of that quantity at 0.2°F intervals of wet-bulb depression for temperatures between 0° and 90°F instead of, as in previous editions, 0.5°F. Since the wet-bulb temperature in meteorological practice does not exceed 90°F space has been saved by taking no account of higher values of wet-bulb temperature in constructing the tables.

The conventions employed are identical with those used in the design of the Meteorological Office humidity slide-rule Mark III described in the "Handbook of Meteorological Instruments" (Part I, London, H.M. Stationery Office, 1956, page 165). The same conventions also apply to humidity slide-rules Marks IV, V and VI.

The calculations were made directly from the basic formulae on the Ferranti Mercury computer "Meteor" at the Meteorological Office, Dunstable.



# HYGROMETRIC TABLES

## INTRODUCTION

### FAHRENHEIT SCREEN VALUES

These hygrometric tables are for determining the vapour pressure, relative humidity and dew-point from the readings of a wet- and dry-bulb psychrometer. The vapour pressure is determined from the wet- and dry-bulb readings by substitution in an equation of the form (due originally to Regnault and August and Apjohn)

$$e = e'_w - Ap(T - T')$$

where:

$e$  is the vapour pressure

$e'_w$  is the saturation vapour pressure at the temperature ( $T'$ ) of the wet bulb

$p$  is the atmospheric pressure

$T$  is the temperature of the dry bulb

$T'$  is the temperature of the wet bulb

and  $A$  is a "constant" which depends on the rate of ventilation of the psychrometer, the latent heat of evaporation of water and the temperature scale in which the thermometers are graduated.

In these tables, which are for use with thermometers scaled in degrees Fahrenheit, the values of the "constant"  $A$ , when  $p$  is in mb, are  $4.44 \times 10^{-4}$  when the wet bulb is above  $32^\circ\text{F}$  and  $4.00 \times 10^{-4}$  when the "wet" bulb is ice-covered below  $32^\circ\text{F}$  (the difference is due to the difference between the latent heat of evaporation of water and that of sublimation of ice). These values of the psychrometric constant are those appropriate to a ventilation rate of the psychrometer of  $1-1.5$  m/sec which is likely to be the normal rate of flow past the thermometers exposed in a louvered screen. The values derived using these tables are therefore only correct when the flow approximates to the above values, they are not suitable for either an artificially ventilated psychrometer, such as the Assmann, or for a psychrometer exposed in stagnant air. In these tables the variation of latent heat of evaporation (or sublimation) with temperature is also ignored.

It will be noted that the basic equation involves the atmospheric pressure  $p$ . These tables have been computed using the value  $p = 1000$  mb and may be used in all circumstances at stations less than about 3000 ft above M.S.L. Above this height some correction is necessary when the wet-bulb depression ( $T - T'$ ) exceeds  $10^\circ\text{F}$ ; in general for high-level stations the tables should be recomputed using the mean station-level pressure in mb instead of  $p = 1000$  mb.

**Notes on the computation of the Meteorological Office tables.**—The tables have been computed from the formulae

$$e = e'_w - 0.444 (T - T') \text{ wet bulb above } 32^\circ\text{F}$$

$$e = e'_{\text{ice}} - 0.400 (T - T') \text{ ice bulb below } 32^\circ\text{F}$$

using the Fahrenheit scale of temperature for the dry- and wet-bulb thermometers and dew-point, and millibars for vapour pressure.

The values of saturation vapour pressure are derived from the formulae due to J. A. Goff and S. Gratch. The relative humidity at *all* temperatures is given by 100 times the ratio of the vapour pressure to the saturated vapour pressure with respect to a water surface at the temperature of the dry bulb.

### Notes on the psychrometer

Accurate measurements of humidity depend on a good exposure of the psychrometer and the maintenance of a good wet bulb. For these tables to be applicable the psychrometer should be exposed in a white painted louvered screen of the Stevenson type.

The wet-bulb thermometer should be covered with a single thickness of clean muslin or cambric free from dressing or grease with a wick (cotton thread is suitable) dipping into a reservoir containing distilled water. It is important that the wet-bulb covering fits snugly over the bulb without creases. The muslin should be regularly changed before it gets dirty or contaminated; more frequent changes will be needed at coastal stations and stations near industrial areas than in open country. Distilled water or if this is not available rain-water should be used, do not however use distilled water from a garage owing to the danger of contamination by sulphuric acid.

Whenever water is fed continuously to the wet bulb the relative positions of the dry and wet bulbs and water reservoir should be chosen so as to minimize increases in humidity of the air passing over the dry and wet bulbs, remembering that the reservoir must be put near enough to the wet bulb to ensure a sufficient water supply in hot dry weather.

If the wet bulb is covered with supercooled water, freezing should be induced by touching the wet bulb with a piece of ice or hoar frost or failing this the point of a pencil. On freezing the wet-bulb temperature will first rise to  $32^\circ\text{F}$  and after freezing is completed will gradually fall to give an ice-bulb reading; sufficient time should be allowed for the ice-bulb to attain a steady temperature before reading.

When the wet bulb freezes the wick feed no longer operates and the ice on the wet bulb will evaporate. To obtain an observation under these conditions an ice coating must be made by painting the wet bulb with distilled water and waiting for a steady ice-bulb temperature to be reached. The door of the screen should be kept closed while waiting for a steady ice-bulb temperature to be attained.



## INSTRUCTIONS FOR USING THE TABLES

The relative humidity and vapour pressure are given to the nearest one per cent and 0.1 mb respectively, the arguments used in the tables being the dry-bulb temperature (vertical) and the wet-bulb depression (horizontal) and the following ranges and intervals of temperature:

- (a) dry-bulb from 0°F by 1° to 90°F, then by 2° from 90°F to 120°F and by 5° from 120°F to 140°F
- (b) wet-bulb depression at 0.2° intervals over the range 0°F to 90°F in dry-bulb temperature and at 1° intervals from 90°F to 140°F.

Provision is made for a small range of negative depression of the wet bulb, necessary when there is supersaturation with respect to ice. The range and intervals for these are:

- (a) dry-bulb temperature from 0°F by 2° to 32°F
- (b) wet-bulb depression 0° to 0.5° by 0.1° intervals.

The dew-point can be obtained from the tables on pp. 64 to 87. Below 32°F these tables give the point of condensation of supercooled water drops not of hoar frost.

The following examples illustrate the method of using the tables:

(1) Dry-bulb	..	..	..	..	..	63.5°F
Wet-bulb	..	..	..	..	..	57.8°F
Hence depression of the wet-bulb	..	..	..	..	..	5.7°F
We turn to p. 36 giving "dry-bulb"	..	..	..	..	..	70-51°F
and "depression of wet-bulb"	..	..	..	..	..	4.0-5.8°F

To find the relative humidity it is necessary to interpolate midway between the rows "dry-bulb" 64° and 63° and the columns "depression of the wet-bulb" 5.6 and 5.8; the result is 69 per cent.

By similar interpolation the vapour pressure is given as 13.8 mb and the dew-point from the Dew-Point Table on p. 76 is given as 53°F.

(2) Dry-bulb	..	..	..	..	..	39.5°F
Wet-bulb	..	..	..	..	..	31.6°F
Hence depression of the wet-bulb	..	..	..	..	..	7.9°F

The tables corresponding to the above figures will be found on pp. 49 and 50.

To obtain the relative humidity a double interpolation is indicated between the rows "dry-bulb" 39° and 40° and the columns "depression of the wet-bulb" 7.8 and 8.0, but this first interpolation would involve crossing the black line, hence extrapolation upwards or downwards must be employed. As the "wet-bulb" is below 32°F it is assumed that it is covered with ice; hence extrapolation should be upwards from the figures below the line. The values for "dry-bulb" 39° and "depression of the wet-bulb" 7.8 and 8.0 are respectively 34 and 33; looking at the run of figures below these values and

extrapolating upwards the corresponding values for "dry-bulb" 40° would be 36 and 35. Thus the value required is found by interpolating midway between 36 and 35. This gives 35 per cent for the relative humidity.

Similarly the vapour pressure is obtained by interpolating between 3.1 and 2.8. This gives a value of 2.8 mb.

The dew-point is obtained by looking up the tables on pp. 82 and 83 and extrapolating from the "dry-bulb" readings 39° and the "depression of the wet-bulb" 7.8 and 8.0. This gives a dew-point of 13°F.

If in any particular case of interpolation there is a doubt as to which of two consecutive values should be adopted, the rule is to select that value of the two which ends with an odd figure. For example, suppose the dry-bulb is 54°F and the depression of the wet-bulb is 0.7°F, according to p. 34 the relative humidity is midway between 96 per cent and 95 per cent. The latter value should be the one adopted.



RELATIVE HUMIDITY (Per Cent)

Dry Bulb °F	Depression of the Wet Bulb									
	0	1	2	3	4	5	6	7	8	9
140	100	97	95	92	89	87	84	82	79	77
135	100	97	94	92	89	86	84	81	79	76
130	100	97	94	91	89	86	83	81	78	76
125	100	97	94	91	88	85	83	80	77	75
120	100	97	94	91	88	85	82	79	77	74
118	100	97	94	91	88	85	82	79	76	74
116	100	97	94	91	88	85	82	79	76	73
114	100	97	94	90	87	84	81	79	76	73
112	100	97	93	90	87	84	81	78	75	73
110	100	97	93	90	87	84	81	78	75	72
108	100	97	93	90	87	84	81	78	75	72
106	100	97	93	90	87	83	80	77	74	71
104	100	96	93	90	86	83	80	77	74	71
102	100	96	93	89	86	83	80	76	73	70
100	100	96	93	89	86	83	79	76	73	70
98	100	96	93	89	86	82	79	76	72	69
96	100	96	93	89	85	82	78	75	72	69
94	100	96	92	89	85	81	78	75	71	68
92	100	96	92	88	85	81	78	74	71	67
90	100	96	92	88	84	81	77	74	70	67

VAPOUR PRESSURE (Millibars)

Dry Bulb °F	Depression of the Wet Bulb									
	0	1	2	3	4	5	6	7	8	9
140	199.3	193.7	188.3	183.0	177.9	172.8	167.8	162.9	158.1	153.5
135	175.0	170.0	165.1	160.4	155.7	151.1	146.6	142.2	137.9	133.7
130	153.3	148.8	144.4	140.1	135.9	131.7	127.7	123.7	119.8	116.0
125	134.0	129.9	125.9	122.1	118.3	114.5	110.9	107.3	103.8	100.4
120	116.7	113.1	109.5	106.0	102.6	99.2	96.0	92.7	89.6	86.5
118	110.4	106.9	103.5	100.1	96.8	93.6	90.5	87.4	84.4	81.4
116	104.4	101.0	97.7	94.5	91.4	88.3	85.3	82.3	79.4	76.6
114	98.6	95.4	92.3	89.2	86.2	83.2	80.3	77.5	74.7	72.0
112	93.1	90.1	87.0	84.1	81.2	78.4	75.6	72.9	70.2	67.6
110	87.9	85.0	82.1	79.3	76.5	73.8	71.1	68.5	66.0	63.5
108	83.0	80.1	77.4	74.7	72.0	69.4	66.9	64.4	61.9	59.5
106	78.3	75.5	72.9	70.3	67.7	65.2	62.8	60.4	58.1	55.8
104	73.8	71.2	68.6	66.1	63.7	61.3	59.0	56.7	54.4	52.2
102	69.5	67.0	64.6	62.2	59.9	57.6	55.3	53.1	51.0	48.9
100	65.5	63.1	60.7	58.5	56.2	54.0	51.9	49.8	47.7	45.7
98	61.6	59.3	57.1	54.9	52.8	50.7	48.6	46.6	44.6	42.7
96	58.0	55.8	53.6	51.5	49.5	47.5	45.5	43.6	41.7	39.8
94	54.5	52.4	50.4	48.4	46.4	44.4	42.5	40.7	38.9	37.1
92	51.3	49.2	47.3	45.3	43.4	41.6	39.8	38.0	36.2	34.5
90	48.2	46.2	44.3	42.5	40.7	38.9	37.1	35.4	33.8	32.1

RELATIVE HUMIDITY (Per Cent)

Dry Bulb °F	Depression of the Wet Bulb									
	10	11	12	13	14	15	16	17	18	19
140	75	72	70	68	66	64	62	60	58	56
135	74	72	69	67	65	63	61	59	57	55
130	73	71	69	66	64	62	60	58	56	54
125	72	70	68	65	63	61	58	56	54	52
120	72	69	67	64	62	59	57	55	53	51
118	71	69	66	64	61	59	57	54	52	50
116	71	68	66	63	61	58	56	54	51	49
114	70	68	65	63	60	58	55	53	51	48
112	70	67	65	62	59	57	55	52	50	48
110	69	67	64	61	59	56	54	52	49	47
108	69	66	63	61	58	56	53	51	48	46
106	68	66	63	60	58	55	52	50	48	45
104	68	65	62	60	57	54	52	49	47	44
102	67	64	62	59	56	53	51	48	46	43
100	67	64	61	58	55	53	50	47	45	42
98	66	63	60	57	54	52	49	46	44	41
96	66	62	59	57	54	51	48	45	43	40
94	65	62	59	56	53	50	47	44	42	39
92	64	61	58	55	52	49	46	43	40	38
90	63	60	57	54	51	48	45	42	39	36

VAPOUR PRESSURE (Millibars)

Dry Bulb °F	Depression of the Wet Bulb									
	10	11	12	13	14	15	16	17	18	19
140	148.9	144.4	140.0	135.7	131.4	127.3	123.3	119.3	115.4	111.6
135	129.5	125.5	121.5	117.6	113.8	110.1	106.4	102.9	99.4	95.9
130	112.3	108.7	105.1	101.6	98.2	94.8	91.5	88.3	85.2	82.1
125	97.0	93.7	90.5	87.4	84.3	81.3	78.3	75.4	72.6	69.8
120	83.5	80.5	77.6	74.8	72.0	69.3	66.7	64.1	61.5	59.0
118	78.5	75.7	72.9	70.2	67.6	65.0	62.4	59.9	57.5	55.1
116	73.8	71.1	68.4	65.8	63.3	60.8	58.4	56.0	53.6	51.3
114	69.3	66.7	64.2	61.7	59.3	56.9	54.5	52.2	50.0	47.8
112	65.1	62.6	60.1	57.8	55.4	53.1	50.9	48.7	46.5	44.4
110	61.0	58.6	56.3	54.0	51.8	49.6	47.4	45.3	43.3	41.2
108	57.2	54.9	52.7	50.5	48.3	46.2	44.2	42.1	40.2	38.2
106	53.5	51.4	49.2	47.1	45.0	43.0	41.0	39.1	37.2	35.4
104	50.1	48.0	45.9	43.9	41.9	40.0	38.1	36.3	34.4	32.7
102	46.8	44.8	42.8	40.9	39.0	37.1	35.3	33.5	31.8	30.1
100	43.7	41.8	39.9	38.0	36.2	34.4	32.7	31.0	29.3	27.7
98	40.8	38.9	37.1	35.3	33.6	31.9	30.2	28.6	27.0	25.4
96	38.0	36.2	34.5	32.8	31.1	29.5	27.9	26.3	24.7	23.2
94	35.4	33.7	32.0	30.3	28.7	27.2	25.6	24.1	22.6	21.2
92	32.9	31.2	29.6	28.1	26.5	25.0	23.5	22.1	20.7	19.3
90	30.5	28.9	27.4	25.9	24.4	23.0	21.6	20.2	18.8	17.5



RELATIVE HUMIDITY (Per Cent)

Dry Bulb °F	Depression of the Wet Bulb									
	20	21	22	23	24	25	26	27	28	29
140	54	52	51	49	47	45	44	42	41	39
135	53	51	49	47	46	44	42	41	39	37
130	52	50	48	46	44	42	41	39	37	36
125	50	48	46	44	42	41	39	37	35	34
120	48	46	44	42	41	39	37	35	33	32
118	48	46	44	42	40	38	36	34	32	31
116	47	45	43	41	39	37	35	33	31	30
114	46	44	42	40	38	36	34	32	30	29
112	45	43	41	39	37	35	33	31	29	28
110	45	42	40	38	36	34	32	30	28	26
108	44	42	39	37	35	33	31	29	27	25
106	43	41	38	36	34	32	30	28	26	24
104	42	40	37	35	33	31	29	27	25	23
102	41	39	36	34	32	30	27	25	23	21
100	40	37	35	33	31	28	26	24	22	20
98	39	36	34	32	29	27	25	23	20	18
96	38	35	33	30	28	26	23	21	19	17
94	36	34	31	29	26	24	22	19	17	15
92	35	32	30	27	25	22	20	18	15	13
90	34	31	28	26	23	21	18	16	14	11

VAPOUR PRESSURE (Millibars)

Dry Bulb °F	Depression of the Wet Bulb									
	20	21	22	23	24	25	26	27	28	29
140	107.9	104.2	100.6	97.1	93.7	90.4	87.1	83.9	80.7	77.6
135	92.6	89.3	86.1	82.9	79.9	76.8	73.9	71.0	68.2	65.4
130	79.1	76.1	73.2	70.4	67.6	64.9	62.2	59.6	57.1	54.6
125	67.1	64.5	61.9	59.3	56.8	54.4	52.0	49.6	47.4	45.1
120	56.6	54.2	51.9	49.6	47.3	45.1	43.0	40.9	38.8	36.8
118	52.8	50.5	48.2	46.0	43.9	41.8	39.7	37.7	35.7	33.8
116	49.1	46.9	44.8	42.7	40.6	38.6	36.6	34.7	32.8	30.9
114	45.7	43.5	41.5	39.5	37.5	35.6	33.7	31.8	30.0	28.2
112	42.4	40.4	38.4	36.4	34.6	32.7	30.9	29.1	27.4	25.7
110	39.3	37.3	35.4	33.6	31.8	30.0	28.3	26.5	24.9	23.2
108	36.3	34.5	32.7	30.9	29.1	27.4	25.8	24.1	22.5	21.0
106	33.5	31.8	30.0	28.3	26.7	25.0	23.4	21.8	20.3	18.8
104	30.9	29.2	27.5	25.9	24.3	22.7	21.2	19.7	18.2	16.8
102	28.4	26.8	25.2	23.6	22.1	20.6	19.1	17.6	16.2	14.8
100	26.1	24.5	23.0	21.5	20.0	18.5	17.1	15.7	14.4	13.0
98	23.9	22.3	20.9	19.4	18.0	16.6	15.2	13.9	12.6	11.3
96	21.8	20.3	18.9	17.5	16.1	14.8	13.5	12.2	10.9	9.7
94	19.8	18.4	17.0	15.7	14.4	13.1	11.8	10.6	9.4	8.2
92	17.9	16.6	15.3	14.0	12.7	11.5	10.3	9.1	7.9	6.8
90	16.2	14.9	13.6	12.4	11.2	10.0	8.8	7.7	6.5	5.4

RELATIVE HUMIDITY (Per Cent)

Dry Bulb °F	Depression of the Wet Bulb									
	30	31	32	33	34	35	36	37	38	39
140	37	36	35	33	32	30	29	28	26	25
135	36	34	33	31	30	29	27	26	25	23
130	34	32	31	29	28	27	25	24	22	21
125	32	30	29	27	26	24	23	21	20	19
120	30	28	27	25	23	22	20	19	18	16
118	29	27	26	24	22	21	19	18	16	15
116	28	26	25	23	21	20	18	17	15	14
114	27	25	23	22	20	19	17	15	14	12
112	26	24	22	21	19	17	16	14	13	11
110	25	23	21	19	18	16	14	13	11	10
108	23	22	20	18	16	15	13	11	10	8
106	22	20	18	17	15	13	12	10	8	7
104	21	19	17	15	13	12	10	8	7	5
102	19	17	16	14	12	10	8	7	5	3
100	18	16	14	12	10	8	7	5	3	2
98	16	14	12	10	9	7	5	3	1	
96	15	13	11	9	7	5	3	1		
94	13	11	9	7	5	3	1			
92	11	9	7	5	3	1				
90	9	7	5	3						

VAPOUR PRESSURE (Millibars)

Dry Bulb °F	Depression of the Wet Bulb									
	30	31	32	33	34	35	36	37	38	39
140	74.6	71.7	68.8	65.9	63.2	60.4	57.8	55.2	52.6	50.2
135	62.7	60.0	57.4	54.9	52.4	49.9	47.5	45.2	42.9	40.7
130	52.2	49.8	47.4	45.1	42.9	40.7	38.5	36.4	34.4	32.4
125	42.9	40.8	38.7	36.6	34.6	32.6	30.7	28.8	26.9	25.1
120	34.8	32.9	31.0	29.1	27.3	25.6	23.8	22.1	20.4	18.8
118	31.9	30.0	28.2	26.4	24.7	23.0	21.3	19.7	18.1	16.5
116	29.1	27.3	25.6	23.9	22.2	20.6	19.0	17.4	15.9	14.4
114	26.5	24.8	23.1	21.5	19.9	18.3	16.8	15.2	13.8	12.3
112	24.0	22.4	20.7	19.2	17.6	16.1	14.7	13.2	11.8	10.4
110	21.6	20.1	18.5	17.0	15.5	14.1	12.7	11.3	9.9	8.6
108	19.4	17.9	16.4	15.0	13.6	12.2	10.8	9.5	8.2	6.9
106	17.3	15.9	14.4	13.1	11.7	10.4	9.0	7.8	6.5	5.3
104	15.3	13.9	12.6	11.2	9.9	8.6	7.4	6.2	4.9	3.8
102	13.5	12.1	10.8	9.5	8.3	7.0	5.8	4.6	3.5	2.3
100	11.7	10.4	9.2	7.9	6.7	5.5	4.4	3.2	2.1	1.0
98	10.1	8.8	7.6	6.4	5.2	4.1	3.0	1.9	0.8	
96	8.5	7.3	6.1	5.0	3.9	2.8	1.7	0.6		
94	7.0	5.9	4.8	3.7	2.6	1.5	0.5			
92	5.6	4.5	3.5	2.4	1.3	0.3				
90	4.3	3.3	2.2	1.2	0.2					



RELATIVE HUMIDITY (Per Cent)

Dry Bulb °F	Depression of the Wet Bulb									
	40	41	42	43	44	45	46	47	48	49
140	24	23	22	20	19	18	17	16	15	14
135	22	21	20	18	17	16	15	14	13	12
130	20	19	17	16	15	14	13	12	10	9
125	17	16	15	14	12	11	10	9	8	7
120	15	13	12	11	10	8	7	6	5	4
118	14	12	11	10	8	7	6	5	3	2
116	12	11	10	8	7	6	4	3	2	1
114	11	10	8	7	6	4	3	2	1	
112	10	8	7	5	4	3	1			
110	8	7	5	4	3	1				
108	7	5	4	2	1					
106	5	4	2	1						
104	4	2								
102	2									
100										
98										
96										
94										
92										
90										

VAPOUR PRESSURE (Millibars)

Dry Bulb °F	Depression of the Wet Bulb									
	40	41	42	43	44	45	46	47	48	49
140	47.7	45.3	43.0	40.7	38.5	36.3	34.1	32.0	29.9	27.9
135	38.5	36.3	34.2	32.2	30.1	28.2	26.2	24.3	22.5	20.7
130	30.4	28.5	26.6	24.7	22.9	21.1	19.4	17.7	16.0	14.4
125	23.3	21.6	19.9	18.2	16.6	15.0	13.4	11.9	10.4	8.9
120	17.2	15.6	14.1	12.6	11.1	9.7	8.2	6.8	5.5	4.1
118	15.0	13.5	12.0	10.5	9.1	7.7	6.4	5.0	3.7	2.4
116	12.9	11.4	10.0	8.6	7.3	5.9	4.6	3.3	2.1	0.8
114	10.9	9.5	8.1	6.8	5.5	4.2	2.9	1.7	0.5	
112	9.0	7.7	6.4	5.1	3.8	2.6	1.4	0.2		
110	7.3	6.0	4.7	3.5	2.3	1.1				
108	5.6	4.4	3.2	2.0	0.8					
106	4.1	2.9	1.7	0.5						
104	2.6	1.4	0.3							
102	1.2	0.1								
100										
98										
96										
94										
92										
90										

RELATIVE HUMIDITY (Per Cent)

Dry Bulb °F	Depression of the Wet Bulb									
	50	51	52	53	54	55	56	57	58	59
140	13	12	11	10	9	8	7	7	6	5
135	11	10	9	8	7	6	5	4	3	3
130	8	7	6	5	4	3	2	2	1	
125	6	4	3	2	1					
120	2	1								
118	1									
116										
114										
112										
110										
108										
106										
104										
102										
100										
98										
96										
94										
92										
90										

VAPOUR PRESSURE (Millibars)

Dry Bulb °F	Depression of the Wet Bulb									
	50	51	52	53	54	55	56	57	58	59
140	26.0	24.0	22.1	20.3	18.5	16.7	14.9	13.2	11.6	9.9
135	18.9	17.2	15.4	13.8	12.1	10.5	9.0	7.4	5.9	4.4
130	12.8	11.2	9.6	8.1	6.7	5.2	3.8	2.4	1.0	
125	7.4	6.0	4.6	3.3	1.9	0.6				
120	2.8	1.5	0.3							
118	1.2									
116										
114										
112										
110										
108										
106										
104										
102										
100										
98										
96										
94										
92										
90										



RELATIVE HUMIDITY (Per Cent)

Dry Bulb °F	Depression of the Wet Bulb									
	60	61	62	63	64	65	66	67	68	69
140	4	3	3	2	1					
135	2	1								
130										
125										
120										
118										
116										
114										
112										
110										
108										
106										
104										
102										
100										
98										
96										
94										
92										
90										

VAPOUR PRESSURE (Millibars)

Dry Bulb °F	Depression of the Wet Bulb									
	60	61	62	63	64	65	66	67	68	69
140	8.3	6.7	5.2	3.7	2.2	0.8				
135	3.0	1.6	0.2							
130										
125										
120										
118										
116										
114										
112										
110										
108										
106										
104										
102										
100										
98										
96										
94										
92										
90										



RELATIVE HUMIDITY (Per Cent)

Dry Bulb °F	Depression of the Wet Bulb									
	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8
90	100	99	98	98	97	96	95	94	94	93
89	100	99	98	98	97	96	95	94	94	93
88	100	99	98	98	97	96	95	94	93	93
87	100	99	98	98	97	96	95	94	93	93
86	100	99	98	97	97	96	95	94	93	93
85	100	99	98	97	97	96	95	94	93	92
84	100	99	98	97	97	96	95	94	93	92
83	100	99	98	97	97	96	95	94	93	92
82	100	99	98	97	96	96	95	94	93	92
81	100	99	98	97	96	96	95	94	93	92
80	100	99	98	97	96	96	95	94	93	92
79	100	99	98	97	96	95	95	94	93	92
78	100	99	98	97	96	95	94	94	93	92
77	100	99	98	97	96	95	94	93	93	92
76	100	99	98	97	96	95	94	93	92	92
75	100	99	98	97	96	95	94	93	92	91
74	100	99	98	97	96	95	94	93	92	91
73	100	99	98	97	96	95	94	93	92	91
72	100	99	98	97	96	95	94	93	92	91
71	100	99	98	97	96	95	94	93	92	91

VAPOUR PRESSURE (Millibars)

Dry Bulb °F	Depression of the Wet Bulb									
	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8
90	48.2	47.8	47.4	47.0	46.6	46.2	45.8	45.5	45.1	44.7
89	46.7	46.3	45.9	45.5	45.1	44.8	44.4	44.0	43.7	43.3
88	45.2	44.8	44.5	44.1	43.7	43.4	43.0	42.6	42.3	41.9
87	43.8	43.4	43.1	42.7	42.3	42.0	41.6	41.3	40.9	40.6
86	42.4	42.1	41.7	41.4	41.0	40.7	40.3	40.0	39.6	39.3
85	41.1	40.7	40.4	40.0	39.7	39.4	39.0	38.7	38.3	38.0
84	39.8	39.5	39.1	38.8	38.4	38.1	37.8	37.4	37.1	36.8
83	38.5	38.2	37.9	37.5	37.2	36.9	36.5	36.2	35.9	35.6
82	37.3	37.0	36.7	36.3	36.0	35.7	35.3	35.0	34.7	34.4
81	36.1	35.8	35.5	35.2	34.8	34.5	34.2	33.9	33.6	33.3
80	35.0	34.6	34.3	34.0	33.7	33.4	33.1	32.8	32.5	32.2
79	33.8	33.5	33.2	32.9	32.6	32.3	32.0	31.7	31.4	31.1
78	32.7	32.4	32.1	31.8	31.5	31.2	30.9	30.6	30.3	30.0
77	31.7	31.4	31.1	30.8	30.5	30.2	29.9	29.6	29.3	29.0
76	30.6	30.3	30.1	29.8	29.5	29.2	28.9	28.6	28.3	28.1
75	29.6	29.3	29.1	28.8	28.5	28.2	27.9	27.7	27.4	27.1
74	28.7	28.4	28.1	27.8	27.5	27.3	27.0	26.7	26.4	26.2
73	27.7	27.4	27.2	26.9	26.6	26.3	26.1	25.8	25.5	25.3
72	26.8	26.5	26.3	26.0	25.7	25.5	25.2	24.9	24.7	24.4
71	25.9	25.6	25.4	25.1	24.8	24.6	24.3	24.1	23.8	23.6

RELATIVE HUMIDITY (Per Cent)

Dry Bulb °F	Depression of the Wet Bulb									
	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8
90	92	91	91	90	89	88	87	87	86	85
89	92	91	90	90	89	88	87	87	86	85
88	92	91	90	90	89	88	87	86	86	85
87	92	91	90	89	89	88	87	86	85	85
86	92	91	90	89	88	88	87	86	85	85
85	92	91	90	89	88	88	87	86	85	84
84	92	91	90	89	88	87	87	86	85	84
83	91	91	90	89	88	87	86	86	85	84
82	91	90	90	89	88	87	86	85	85	84
81	91	90	89	89	88	87	86	85	84	84
80	91	90	89	89	88	87	86	85	84	83
79	91	90	89	88	87	87	86	85	84	83
78	91	90	89	88	87	86	86	85	84	83
77	91	90	89	88	87	86	85	85	84	83
76	91	90	89	88	87	86	85	84	83	83
75	91	90	89	88	87	86	85	84	83	82
74	90	89	89	88	87	86	85	84	83	82
73	90	89	88	87	86	86	85	84	83	82
72	90	89	88	87	86	85	84	83	82	82
71	90	89	88	87	86	85	84	83	82	81

VAPOUR PRESSURE (Millibars)

Dry Bulb °F	Depression of the Wet Bulb									
	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8
90	44.3	44.0	43.6	43.2	42.8	42.5	42.1	41.7	41.4	41.0
89	42.9	42.5	42.2	41.8	41.5	41.1	40.7	40.4	40.0	39.7
88	41.5	41.2	40.8	40.5	40.1	39.8	39.4	39.1	38.7	38.4
87	40.2	39.9	39.5	39.2	38.8	38.5	38.1	37.8	37.4	37.1
86	38.9	38.6	38.2	37.9	37.5	37.2	36.9	36.5	36.2	35.9
85	37.6	37.3	37.0	36.6	36.3	36.0	35.6	35.3	35.0	34.7
84	36.4	36.1	35.8	35.4	35.1	34.8	34.5	34.1	33.8	33.5
83	35.2	34.9	34.6	34.3	33.9	33.6	33.3	33.0	32.7	32.4
82	34.1	33.8	33.4	33.1	32.8	32.5	32.2	31.9	31.6	31.3
81	32.9	32.6	32.3	32.0	31.7	31.4	31.1	30.8	30.5	30.2
80	31.8	31.5	31.2	30.9	30.6	30.3	30.0	29.7	29.4	29.2
79	30.8	30.5	30.2	29.9	29.6	29.3	29.0	28.7	28.4	28.1
78	29.7	29.5	29.2	28.9	28.6	28.3	28.0	27.7	27.4	27.2
77	28.7	28.5	28.2	27.9	27.6	27.3	27.0	26.8	26.5	26.2
76	27.8	27.5	27.2	26.9	26.7	26.4	26.1	25.8	25.6	25.3
75	26.8	26.5	26.3	26.0	25.7	25.5	25.2	24.9	24.7	24.4
74	25.9	25.6	25.4	25.1	24.8	24.6	24.3	24.0	23.8	23.5
73	25.0	24.7	24.5	24.2	24.0	23.7	23.4	23.2	22.9	22.7
72	24.1	23.9	23.6	23.4	23.1	22.9	22.6	22.4	22.1	21.8
71	23.3	23.0	22.8	22.5	22.3	22.0	21.8	21.5	21.3	21.0



RELATIVE HUMIDITY (Per Cent)

Dry Bulb °F	Depression of the Wet Bulb									
	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8
90	84	84	83	82	81	81	80	79	79	78
89	84	84	83	82	81	81	80	79	78	78
88	84	83	83	82	81	80	80	79	78	77
87	84	83	82	82	81	80	79	79	78	77
86	84	83	82	81	81	80	79	78	78	77
85	84	83	82	81	80	80	79	78	77	77
84	83	83	82	81	80	79	79	78	77	76
83	83	82	82	81	80	79	78	78	77	76
82	83	82	81	81	80	79	78	77	77	76
81	83	82	81	80	79	79	78	77	76	75
80	83	82	81	80	79	78	78	77	76	75
79	82	81	81	80	79	78	77	76	76	75
78	82	81	80	80	79	78	77	76	75	75
77	82	81	80	79	78	78	77	76	75	74
76	82	81	80	79	78	77	76	76	75	74
75	81	81	80	79	78	77	76	75	74	74
74	81	80	79	78	78	77	76	75	74	73
73	81	80	79	78	77	76	75	75	74	73
72	81	80	79	78	77	76	75	74	73	72
71	80	79	78	78	77	76	75	74	73	72

VAPOUR PRESSURE (Millibars)

Dry Bulb °F	Depression of the Wet Bulb									
	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8
90	40.7	40.3	39.9	39.6	39.2	38.9	38.5	38.2	37.8	37.5
89	39.3	39.0	38.6	38.3	37.9	37.6	37.2	36.9	36.6	36.2
88	38.0	37.7	37.3	37.0	36.7	36.3	36.0	35.6	35.3	35.0
87	36.8	36.4	36.1	35.8	35.4	35.1	34.8	34.4	34.1	33.8
86	35.5	35.2	34.9	34.5	34.2	33.9	33.6	33.3	32.9	32.6
85	34.3	34.0	33.7	33.4	33.1	32.7	32.4	32.1	31.8	31.5
84	33.2	32.9	32.5	32.2	31.9	31.6	31.3	31.0	30.7	30.4
83	32.1	31.7	31.4	31.1	30.8	30.5	30.2	29.9	29.6	29.3
82	31.0	30.7	30.4	30.1	29.7	29.5	29.2	28.9	28.6	28.3
81	29.9	29.6	29.3	29.0	28.7	28.4	28.1	27.8	27.5	27.3
80	28.9	28.6	28.3	28.0	27.7	27.4	27.1	26.8	26.6	26.3
79	27.9	27.6	27.3	27.0	26.7	26.4	26.2	25.9	25.6	25.3
78	26.9	26.6	26.3	26.0	25.8	25.5	25.2	24.9	24.7	24.4
77	25.9	25.7	25.4	25.1	24.8	24.6	24.3	24.0	23.8	23.5
76	25.0	24.7	24.5	24.2	23.9	23.7	23.4	23.2	22.9	22.6
75	24.1	23.9	23.6	23.3	23.1	22.8	22.6	22.3	22.0	21.8
74	23.3	23.0	22.7	22.5	22.2	22.0	21.7	21.5	21.2	21.0
73	22.4	22.2	21.9	21.7	21.4	21.2	20.9	20.7	20.4	20.2
72	21.6	21.3	21.1	20.9	20.6	20.4	20.1	19.9	19.6	19.4
71	20.8	20.6	20.3	20.1	19.8	19.6	19.4	19.1	18.9	18.6

RELATIVE HUMIDITY (Per Cent)

Dry Bulb °F	Depression of the Wet Bulb									
	6.0	6.2	6.4	6.6	6.8	7.0	7.2	7.4	7.6	7.8
90	77	76	76	75	74	74	73	72	71	71
89	77	76	75	75	74	73	73	72	71	70
88	77	76	75	74	74	73	72	72	71	70
87	76	76	75	74	73	73	72	71	71	70
86	76	75	75	74	73	72	72	71	70	69
85	76	75	74	74	73	72	71	71	70	69
84	76	75	74	73	73	72	71	70	70	69
83	75	74	74	73	72	71	71	70	69	68
82	75	74	73	73	72	71	70	70	69	68
81	75	74	73	72	72	71	70	69	68	68
80	74	74	73	72	71	70	70	69	68	67
79	74	73	72	72	71	70	69	68	68	67
78	74	73	72	71	70	70	69	68	67	66
77	73	73	72	71	70	69	68	68	67	66
76	73	72	71	70	70	69	68	67	66	66
75	73	72	71	70	69	68	68	67	66	65
74	72	71	71	70	69	68	67	66	65	65
73	72	71	70	69	68	67	67	66	65	64
72	71	71	70	69	68	67	66	65	64	64
71	71	70	69	68	67	67	66	65	64	63

VAPOUR PRESSURE (Millibars)

Dry Bulb °F	Depression of the Wet Bulb									
	6.0	6.2	6.4	6.6	6.8	7.0	7.2	7.4	7.6	7.8
90	37.1	36.8	36.4	36.1	35.8	35.4	35.1	34.8	34.4	34.1
89	35.9	35.5	35.2	34.9	34.5	34.2	33.9	33.5	33.2	32.9
88	34.6	34.3	34.0	33.7	33.3	33.0	32.7	32.4	32.0	31.7
87	33.5	33.1	32.8	32.5	32.2	31.8	31.5	31.2	30.9	30.6
86	32.3	32.0	31.7	31.3	31.0	30.7	30.4	30.1	29.8	29.5
85	31.2	30.9	30.5	30.2	29.9	29.6	29.3	29.0	28.7	28.4
84	30.1	29.8	29.5	29.2	28.9	28.6	28.3	28.0	27.7	27.4
83	29.0	28.7	28.4	28.1	27.8	27.5	27.2	26.9	26.7	26.4
82	28.0	27.7	27.4	27.1	26.8	26.5	26.2	26.0	25.7	25.4
81	27.0	26.7	26.4	26.1	25.8	25.5	25.3	25.0	24.7	24.4
80	26.0	25.7	25.4	25.2	24.9	24.6	24.3	24.1	23.8	23.5
79	25.0	24.8	24.5	24.2	24.0	23.7	23.4	23.1	22.9	22.6
78	24.1	23.9	23.6	23.3	23.1	22.8	22.5	22.3	22.0	21.7
77	23.2	23.0	22.7	22.4	22.2	21.9	21.7	21.4	21.1	20.9
76	22.4	22.1	21.8	21.6	21.3	21.1	20.8	20.6	20.3	20.1
75	21.5	21.3	21.0	20.8	20.5	20.3	20.0	19.8	19.5	19.3
74	20.7	20.5	20.2	20.0	19.7	19.5	19.2	19.0	18.7	18.5
73	19.9	19.7	19.4	19.2	18.9	18.7	18.5	18.2	18.0	17.8
72	19.1	18.9	18.7	18.4	18.2	18.0	17.7	17.5	17.3	17.0
71	18.4	18.2	17.9	17.7	17.5	17.2	17.0	16.8	16.5	16.3



RELATIVE HUMIDITY (Per Cent)

Dry Bulb °F	Depression of the Wet Bulb									
	8.0	8.2	8.4	8.6	8.8	9.0	9.2	9.4	9.6	9.8
90	70	69	69	68	67	67	66	65	65	64
89	70	69	68	68	67	66	66	65	64	64
88	69	69	68	67	67	66	65	65	64	63
87	69	68	68	67	66	66	65	64	64	63
86	69	68	67	67	66	65	65	64	63	62
85	68	68	67	66	66	65	64	63	63	62
84	68	67	67	66	65	64	64	63	62	62
83	68	67	66	65	65	64	63	63	62	61
82	67	67	66	65	64	64	63	62	61	61
81	67	66	65	65	64	63	62	62	61	60
80	66	66	65	64	63	63	62	61	60	60
79	66	65	64	64	63	62	61	61	60	59
78	66	65	64	63	62	62	61	60	59	59
77	65	64	64	63	62	61	60	60	59	58
76	65	64	63	62	61	61	60	59	58	57
75	64	63	63	62	61	60	59	59	58	57
74	64	63	62	61	60	60	59	58	57	56
73	63	62	62	61	60	59	58	57	56	55
72	63	62	61	60	59	58	57	56	55	54
71	62	61	60	60	59	58	57	56	55	54

VAPOUR PRESSURE (Millibars)

Dry Bulb °F	Depression of the Wet Bulb									
	8.0	8.2	8.4	8.6	8.8	9.0	9.2	9.4	9.6	9.8
90	33.8	33.4	33.1	32.8	32.4	32.1	31.8	31.5	31.2	30.8
89	32.6	32.2	31.9	31.6	31.3	31.0	30.6	30.3	30.0	29.7
88	31.4	31.1	30.8	30.5	30.1	29.8	29.5	29.2	28.9	28.6
87	30.3	30.0	29.7	29.4	29.0	28.7	28.4	28.1	27.8	27.5
86	29.2	28.9	28.6	28.3	28.0	27.7	27.4	27.1	26.8	26.5
85	28.1	27.8	27.5	27.2	26.9	26.6	26.3	26.1	25.8	25.5
84	27.1	26.8	26.5	26.2	25.9	25.6	25.4	25.1	24.8	24.5
83	26.1	25.8	25.5	25.2	24.9	24.7	24.4	24.1	23.8	23.5
82	25.1	24.8	24.5	24.3	24.0	23.7	23.4	23.2	22.9	22.6
81	24.2	23.9	23.6	23.3	23.1	22.8	22.5	22.3	22.0	21.7
80	23.2	23.0	22.7	22.4	22.2	21.9	21.6	21.4	21.1	20.9
79	22.3	22.1	21.8	21.6	21.3	21.0	20.8	20.5	20.3	20.0
78	21.5	21.2	21.0	20.7	20.4	20.2	19.9	19.7	19.4	19.2
77	20.6	20.4	20.1	19.9	19.6	19.4	19.1	18.9	18.6	18.4
76	19.8	19.6	19.3	19.1	18.8	18.6	18.3	18.1	17.9	17.6
75	19.0	18.8	18.5	18.3	18.1	17.8	17.6	17.3	17.1	16.9
74	18.3	18.0	17.8	17.5	17.3	17.1	16.8	16.6	16.4	16.1
73	17.5	17.3	17.0	16.8	16.6	16.3	16.1	15.9	15.7	15.4
72	16.8	16.6	16.3	16.1	15.9	15.6	15.4	15.2	15.0	14.7
71	16.1	15.9	15.6	15.4	15.2	15.0	14.7	14.5	14.3	14.1

RELATIVE HUMIDITY (Per Cent)

Dry Bulb °F	Depression of the Wet Bulb									
	10.0	10.2	10.4	10.6	10.8	11.0	11.2	11.4	11.6	11.8
90	63	63	62	61	61	60	59	59	58	58
89	63	62	62	61	60	60	59	58	58	57
88	63	62	61	61	60	59	59	58	57	57
87	62	61	61	60	59	59	58	57	57	56
86	62	61	60	60	59	58	58	57	56	56
85	61	61	60	59	59	58	57	56	56	55
84	61	60	59	59	58	57	57	56	55	55
83	60	60	59	58	58	57	56	55	55	54
82	60	59	58	58	57	56	56	55	54	54
81	59	59	58	57	57	56	55	54	54	53
80	59	58	57	57	56	55	54	54	53	52
79	58	58	57	56	55	55	54	53	52	52
78	58	57	56	56	55	54	53	53	52	51
77	57	57	56	55	54	53	53	52	51	50
76	57	56	55	54	54	53	52	51	51	50
75	56	55	55	54	53	52	51	51	50	49
74	55	55	54	53	52	51	51	50	49	48
73	55	54	53	52	52	51	50	49	48	48
72	54	53	53	52	51	50	49	48	48	47
71	54	53	52	51	50	49	49	48	47	46

VAPOUR PRESSURE (Millibars)

Dry Bulb °F	Depression of the Wet Bulb									
	10.0	10.2	10.4	10.6	10.8	11.0	11.2	11.4	11.6	11.8
90	30.5	30.2	29.9	29.6	29.3	28.9	28.6	28.3	28.0	27.7
89	29.4	29.1	28.8	28.5	28.2	27.9	27.5	27.2	26.9	26.6
88	28.3	28.0	27.7	27.4	27.1	26.8	26.5	26.2	25.9	25.6
87	27.2	26.9	26.6	26.3	26.0	25.8	25.5	25.2	24.9	24.6
86	26.2	25.9	25.6	25.3	25.0	24.7	24.5	24.2	23.9	23.6
85	25.2	24.9	24.6	24.3	24.1	23.8	23.5	23.2	22.9	22.7
84	24.2	23.9	23.7	23.4	23.1	22.8	22.6	22.3	22.0	21.7
83	23.3	23.0	22.7	22.4	22.2	21.9	21.6	21.4	21.1	20.8
82	22.4	22.1	21.8	21.5	21.3	21.0	20.7	20.5	20.2	20.0
81	21.5	21.2	20.9	20.7	20.4	20.1	19.9	19.6	19.4	19.1
80	20.6	20.3	20.1	19.8	19.6	19.3	19.1	18.8	18.5	18.3
79	19.7	19.5	19.2	19.0	18.7	18.5	18.2	18.0	17.7	17.5
78	18.9	18.7	18.4	18.2	17.9	17.7	17.5	17.2	17.0	16.7
77	18.1	17.9	17.7	17.4	17.2	16.9	16.7	16.4	16.2	16.0
76	17.4	17.1	16.9	16.7	16.4	16.2	15.9	15.7	15.5	15.2
75	16.6	16.4	16.2	15.9	15.7	15.5	15.2	15.0	14.8	14.5
74	15.9	15.7	15.4	15.2	15.0	14.8	14.5	14.3	14.1	13.9
73	15.2	15.0	14.7	14.5	14.3	14.1	13.9	13.6	13.4	13.2
72	14.5	14.3	14.1	13.9	13.6	13.4	13.2	13.0	12.8	12.6
71	13.9	13.6	13.4	13.2	13.0	12.8	12.6	12.4	12.1	11.9



RELATIVE HUMIDITY (Per Cent)

Dry Bulb °F	Depression of the Wet Bulb									
	12.0	12.2	12.4	12.6	12.8	13.0	13.2	13.4	13.6	13.8
90	57	56	56	55	54	54	53	53	52	51
89	56	56	55	55	54	53	53	52	51	51
88	56	55	55	54	53	53	52	52	51	50
87	55	55	54	54	53	52	52	51	50	50
86	55	54	54	53	52	52	51	50	50	49
85	54	54	53	52	52	51	50	50	49	49
84	54	53	53	52	51	51	50	49	49	48
83	53	53	52	51	51	50	49	49	48	47
82	53	52	51	51	50	49	49	48	47	47
81	52	52	51	50	49	49	48	47	47	46
80	52	51	50	49	49	48	47	47	46	45
79	51	50	50	49	48	47	47	46	45	45
78	50	50	49	48	47	47	46	45	45	44
77	50	49	48	47	47	46	45	45	44	43
76	49	48	48	47	46	45	45	44	43	42
75	48	48	47	46	45	45	44	43	42	42
74	48	47	46	45	44	44	43	42	41	41
73	47	46	45	44	44	43	42	41	41	40
72	46	45	44	44	43	42	41	41	40	39
71	45	44	44	43	42	41	40	40	39	38

VAPOUR PRESSURE (Millibars)

Dry Bulb °F	Depression of the Wet Bulb									
	12.0	12.2	12.4	12.6	12.8	13.0	13.2	13.4	13.6	13.8
90	27.4	27.1	26.8	26.5	26.2	25.9	25.6	25.3	25.0	24.7
89	26.3	26.0	25.7	25.5	25.2	24.9	24.6	24.3	24.0	23.7
88	25.3	25.0	24.7	24.4	24.1	23.9	23.6	23.3	23.0	22.7
87	24.3	24.0	23.7	23.4	23.2	22.9	22.6	22.3	22.0	21.8
86	23.3	23.0	22.8	22.5	22.2	21.9	21.7	21.4	21.1	20.8
85	22.4	22.1	21.8	21.6	21.3	21.0	20.7	20.5	20.2	19.9
84	21.5	21.2	20.9	20.7	20.4	20.1	19.9	19.6	19.3	19.1
83	20.6	20.3	20.0	19.8	19.5	19.3	19.0	18.7	18.5	18.2
82	19.7	19.4	19.2	18.9	18.7	18.4	18.2	17.9	17.7	17.4
81	18.9	18.6	18.4	18.1	17.9	17.6	17.4	17.1	16.9	16.6
80	18.0	17.8	17.5	17.3	17.1	16.8	16.6	16.3	16.1	15.8
79	17.3	17.0	16.8	16.5	16.3	16.0	15.8	15.6	15.3	15.1
78	16.5	16.2	16.0	15.8	15.5	15.3	15.1	14.8	14.6	14.4
77	15.7	15.5	15.3	15.0	14.8	14.6	14.3	14.1	13.9	13.7
76	15.0	14.8	14.6	14.3	14.1	13.9	13.6	13.4	13.2	13.0
75	14.3	14.1	13.9	13.6	13.4	13.2	13.0	12.7	12.5	12.3
74	13.6	13.4	13.2	13.0	12.7	12.5	12.3	12.1	11.9	11.7
73	13.0	12.8	12.5	12.3	12.1	11.9	11.7	11.5	11.3	11.0
72	12.3	12.1	11.9	11.7	11.5	11.3	11.1	10.9	10.6	10.4
71	11.7	11.5	11.3	11.1	10.9	10.7	10.5	10.3	10.1	9.8

RELATIVE HUMIDITY (Per Cent)

Dry Bulb °F	Depression of the Wet Bulb									
	14.0	14.2	14.4	14.6	14.8	15.0	15.2	15.4	15.6	15.8
90	51	50	50	49	48	48	47	47	46	45
89	50	50	49	48	48	47	47	46	45	45
88	50	49	48	48	47	47	46	45	45	44
87	49	48	48	47	47	46	45	45	44	44
86	48	48	47	47	46	45	45	44	43	43
85	48	47	47	46	45	45	44	43	43	42
84	47	47	46	45	45	44	43	43	42	42
83	47	46	45	45	44	43	43	42	41	41
82	46	45	45	44	43	43	42	41	41	40
81	45	45	44	43	43	42	41	41	40	39
80	45	44	43	43	42	41	41	40	39	39
79	44	43	43	42	41	40	40	39	38	38
78	43	42	42	41	40	40	39	38	38	37
77	42	42	41	40	40	39	38	37	37	36
76	42	41	40	39	39	38	37	37	36	35
75	41	40	39	39	38	37	36	36	35	34
74	40	39	38	38	37	36	35	35	34	33
73	39	38	38	37	36	35	35	34	33	32
72	38	37	37	36	35	34	34	33	32	31
71	37	36	36	35	34	33	33	32	31	30

VAPOUR PRESSURE (Millibars)

Dry Bulb °F	Depression of the Wet Bulb									
	14.0	14.2	14.4	14.6	14.8	15.0	15.2	15.4	15.6	15.8
90	24.4	24.1	23.8	23.5	23.3	23.0	22.7	22.4	22.1	21.8
89	23.4	23.1	22.8	22.6	22.3	22.0	21.7	21.4	21.2	20.9
88	22.4	22.2	21.9	21.6	21.3	21.1	20.8	20.5	20.2	20.0
87	21.5	21.2	20.9	20.7	20.4	20.1	19.9	19.6	19.3	19.1
86	20.6	20.3	20.0	19.8	19.5	19.2	19.0	18.7	18.4	18.2
85	19.7	19.4	19.2	18.9	18.6	18.4	18.1	17.9	17.6	17.3
84	18.8	18.6	18.3	18.0	17.8	17.5	17.3	17.0	16.8	16.5
83	18.0	17.7	17.5	17.2	17.0	16.7	16.5	16.2	16.0	15.7
82	17.2	16.9	16.7	16.4	16.2	15.9	15.7	15.4	15.2	14.9
81	16.4	16.1	15.9	15.6	15.4	15.2	14.9	14.7	14.4	14.2
80	15.6	15.4	15.1	14.9	14.6	14.4	14.2	13.9	13.7	13.5
79	14.9	14.6	14.4	14.1	13.9	13.7	13.5	13.2	13.0	12.8
78	14.1	13.9	13.7	13.4	13.2	13.0	12.8	12.5	12.3	12.1
77	13.4	13.2	13.0	12.7	12.5	12.3	12.1	11.9	11.6	11.4
76	12.7	12.5	12.3	12.1	11.9	11.6	11.4	11.2	11.0	10.8
75	12.1	11.9	11.7	11.4	11.2	11.0	10.8	10.6	10.4	10.2
74	11.4	11.2	11.0	10.8	10.6	10.4	10.2	10.0	9.8	9.5
73	10.8	10.6	10.4	10.2	10.0	9.8	9.6	9.4	9.2	9.0
72	10.2	10.0	9.8	9.6	9.4	9.2	9.0	8.8	8.6	8.4
71	9.6	9.4	9.2	9.0	8.8	8.6	8.4	8.2	8.0	7.8



RELATIVE HUMIDITY (Per Cent)

Dry Bulb °F	Depression of the Wet Bulb									
	16.0	16.2	16.4	16.6	16.8	17.0	17.2	17.4	17.6	17.8
90	45	44	44	43	42	42	41	41	40	40
89	44	44	43	42	42	41	41	40	40	39
88	44	43	42	42	41	41	40	39	39	38
87	43	42	42	41	41	40	39	39	38	38
86	42	42	41	40	40	39	39	38	37	37
85	42	41	40	40	39	39	38	37	37	36
84	41	40	40	39	38	38	37	37	36	35
83	40	40	39	38	38	37	36	36	35	35
82	39	39	38	38	37	36	36	35	34	34
81	39	38	37	37	36	35	35	34	34	33
80	38	37	37	36	35	35	34	33	33	32
79	37	36	36	35	34	34	33	32	32	31
78	36	36	35	34	34	33	32	32	31	30
77	35	35	34	33	33	32	31	31	30	29
76	34	34	33	32	32	31	30	30	29	28
75	34	33	32	31	31	30	29	29	28	27
74	33	32	31	30	30	29	28	28	27	26
73	32	31	30	29	29	28	27	27	26	25
72	31	30	29	28	28	27	26	25	25	24
71	30	29	28	27	27	26	25	24	24	23

VAPOUR PRESSURE (Millibars)

Dry Bulb °F	Depression of the Wet Bulb									
	16.0	16.2	16.4	16.6	16.8	17.0	17.2	17.4	17.6	17.8
90	21.6	21.3	21.0	20.7	20.4	20.2	19.9	19.6	19.3	19.1
89	20.6	20.3	20.1	19.8	19.5	19.2	19.0	18.7	18.4	18.2
88	19.7	19.4	19.1	18.9	18.6	18.3	18.1	17.8	17.6	17.3
87	18.8	18.5	18.3	18.0	17.7	17.5	17.2	17.0	16.7	16.5
86	17.9	17.7	17.4	17.2	16.9	16.6	16.4	16.1	15.9	15.6
85	17.1	16.8	16.6	16.3	16.1	15.8	15.6	15.3	15.1	14.8
84	16.3	16.0	15.8	15.5	15.3	15.0	14.8	14.5	14.3	14.1
83	15.5	15.2	15.0	14.7	14.5	14.3	14.0	13.8	13.5	13.3
82	14.7	14.5	14.2	14.0	13.8	13.5	13.3	13.0	12.8	12.6
81	14.0	13.7	13.5	13.3	13.0	12.8	12.6	12.3	12.1	11.9
80	13.2	13.0	12.8	12.5	12.3	12.1	11.9	11.6	11.4	11.2
79	12.5	12.3	12.1	11.9	11.6	11.4	11.2	11.0	10.7	10.5
78	11.9	11.6	11.4	11.2	11.0	10.8	10.5	10.3	10.1	9.9
77	11.2	11.0	10.8	10.5	10.3	10.1	9.9	9.7	9.5	9.3
76	10.6	10.3	10.1	9.9	9.7	9.5	9.3	9.1	8.9	8.7
75	9.9	9.7	9.5	9.3	9.1	8.9	8.7	8.5	8.3	8.1
74	9.3	9.1	8.9	8.7	8.5	8.3	8.1	7.9	7.7	7.5
73	8.8	8.6	8.4	8.2	8.0	7.8	7.6	7.4	7.2	7.0
72	8.2	8.0	7.8	7.6	7.4	7.2	7.0	6.8	6.6	6.4
71	7.6	7.5	7.3	7.1	6.9	6.7	6.5	6.3	6.1	5.9

RELATIVE HUMIDITY (Per Cent)

Dry Bulb °F	Depression of the Wet Bulb									
	18.0	18.2	18.4	18.6	18.8	19.0	19.2	19.4	19.6	19.8
90	39	38	38	37	37	36	36	35	35	34
89	38	38	37	37	36	36	35	34	34	33
88	38	37	37	36	35	35	34	34	33	33
87	37	36	36	35	35	34	34	33	32	32
86	36	36	35	34	34	33	33	32	32	31
85	35	35	34	34	33	33	32	31	31	30
84	35	34	34	33	32	32	31	31	30	29
83	34	33	33	32	32	31	30	30	29	29
82	33	32	32	31	31	30	29	29	28	28
81	32	32	31	30	30	29	29	28	27	27
80	31	31	30	29	29	28	28	27	26	26
79	30	30	29	29	28	27	27	26	25	25
78	30	29	28	28	27	26	26	25	24	24
77	29	28	27	27	26	25	25	24	23	23
76	28	27	26	26	25	24	24	23	22	22
75	27	26	25	25	24	23	22	22	21	20
74	25	25	24	23	23	22	21	21	20	19
73	24	24	23	22	22	21	20	20	19	18
72	23	23	22	21	20	20	19	18	18	17
71	22	21	21	20	19	18	18	17	16	16

VAPOUR PRESSURE (Millibars)

Dry Bulb °F	Depression of the Wet Bulb									
	18.0	18.2	18.4	18.6	18.8	19.0	19.2	19.4	19.6	19.8
90	18.8	18.5	18.3	18.0	17.7	17.5	17.2	16.9	16.7	16.4
89	17.9	17.6	17.4	17.1	16.9	16.6	16.3	16.1	15.8	15.6
88	17.0	16.8	16.5	16.3	16.0	15.8	15.5	15.2	15.0	14.7
87	16.2	15.9	15.7	15.4	15.2	14.9	14.7	14.4	14.2	13.9
86	15.4	15.1	14.9	14.6	14.4	14.1	13.9	13.7	13.4	13.2
85	14.6	14.3	14.1	13.9	13.6	13.4	13.1	12.9	12.7	12.4
84	13.8	13.6	13.3	13.1	12.9	12.6	12.4	12.2	11.9	11.7
83	13.1	12.8	12.6	12.4	12.1	11.9	11.7	11.4	11.2	11.0
82	12.4	12.1	11.9	11.7	11.4	11.2	11.0	10.8	10.5	10.3
81	11.6	11.4	11.2	11.0	10.7	10.5	10.3	10.1	9.9	9.6
80	11.0	10.7	10.5	10.3	10.1	9.9	9.6	9.4	9.2	9.0
79	10.3	10.1	9.9	9.7	9.4	9.2	9.0	8.8	8.6	8.4
78	9.7	9.5	9.2	9.0	8.8	8.6	8.4	8.2	8.0	7.8
77	9.1	8.8	8.6	8.4	8.2	8.0	7.8	7.6	7.4	7.2
76	8.5	8.2	8.0	7.8	7.6	7.4	7.2	7.0	6.8	6.6
75	7.9	7.7	7.5	7.3	7.1	6.9	6.7	6.5	6.3	6.1
74	7.3	7.1	6.9	6.7	6.5	6.3	6.1	5.9	5.7	5.5
73	6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.4	5.2	5.0
72	6.2	6.0	5.8	5.7	5.5	5.3	5.1	4.9	4.7	4.5
71	5.7	5.5	5.3	5.2	5.0	4.8	4.6	4.4	4.2	4.0



RELATIVE HUMIDITY (Per Cent)

Dry Bulb °F	Depression of the Wet Bulb									
	20.0	20.2	20.4	20.6	20.8	21.0	21.2	21.4	21.6	21.8
90	34	33	32	32	31	31	30	30	29	29
89	33	32	32	31	31	30	30	29	29	28
88	32	32	31	30	30	29	29	28	28	27
87	31	31	30	30	29	29	28	27	27	26
86	30	30	29	29	28	28	27	27	26	25
85	30	29	29	28	27	27	26	26	25	25
84	29	28	28	27	26	26	25	25	24	24
83	28	27	27	26	26	25	24	24	23	23
82	27	26	26	25	25	24	23	23	22	22
81	26	25	25	24	24	23	22	22	21	21
80	25	25	24	23	23	22	21	21	20	20
79	24	24	23	22	22	21	20	20	19	19
78	23	22	22	21	21	20	19	19	18	18
77	22	21	21	20	19	19	18	18	17	16
76	21	20	20	19	18	18	17	16	16	15
75	20	19	18	18	17	17	16	15	15	14
74	19	18	17	17	16	15	15	14	13	13
73	17	17	16	15	15	14	13	13	12	11
72	16	15	15	14	13	13	12	11	11	10
71	15	14	13	13	12	11	11	10	9	9

VAPOUR PRESSURE (Millibars)

Dry Bulb °F	Depression of the Wet Bulb									
	20.0	20.2	20.4	20.6	20.8	21.0	21.2	21.4	21.6	21.8
90	16.2	15.9	15.6	15.4	15.1	14.9	14.6	14.4	14.1	13.9
89	15.3	15.1	14.8	14.6	14.3	14.0	13.8	13.6	13.3	13.1
88	14.5	14.2	14.0	13.7	13.5	13.3	13.0	12.8	12.5	12.3
87	13.7	13.5	13.2	13.0	12.7	12.5	12.2	12.0	11.8	11.5
86	12.9	12.7	12.5	12.2	12.0	11.7	11.5	11.3	11.0	10.8
85	12.2	12.0	11.7	11.5	11.3	11.0	10.8	10.6	10.3	10.1
84	11.5	11.2	11.0	10.8	10.5	10.3	10.1	9.9	9.6	9.4
83	10.8	10.5	10.3	10.1	9.9	9.6	9.4	9.2	9.0	8.8
82	10.1	9.9	9.6	9.4	9.2	9.0	8.8	8.5	8.3	8.1
81	9.4	9.2	9.0	8.8	8.6	8.3	8.1	7.9	7.7	7.5
80	8.8	8.6	8.4	8.1	7.9	7.7	7.5	7.3	7.1	6.9
79	8.2	8.0	7.7	7.5	7.3	7.1	6.9	6.7	6.5	6.3
78	7.6	7.4	7.2	6.9	6.7	6.5	6.3	6.1	5.9	5.7
77	7.0	6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.4	5.2
76	6.4	6.2	6.0	5.8	5.6	5.4	5.2	5.0	4.8	4.6
75	5.9	5.7	5.5	5.3	5.1	4.9	4.7	4.5	4.3	4.1
74	5.3	5.2	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.6
73	4.8	4.6	4.5	4.3	4.1	3.9	3.7	3.5	3.3	3.2
72	4.3	4.2	4.0	3.8	3.6	3.4	3.2	3.0	2.9	2.7
71	3.9	3.7	3.5	3.3	3.1	2.9	2.8	2.6	2.4	2.2

RELATIVE HUMIDITY (Per Cent)

Dry Bulb °F	Depression of the Wet Bulb									
	22.0	22.2	22.4	22.6	22.8	23.0	23.2	23.4	23.6	23.8
90	28	28	27	27	26	26	25	25	24	24
89	27	27	26	26	25	25	24	24	23	23
88	27	26	26	25	25	24	23	23	22	22
87	26	25	25	24	24	23	23	22	22	21
86	25	24	24	23	23	22	22	21	21	20
85	24	23	23	22	22	21	21	20	20	19
84	23	23	22	21	21	20	20	19	19	18
83	22	22	21	20	20	19	19	18	18	17
82	21	21	20	19	19	18	18	17	17	16
81	20	20	19	18	18	17	17	16	16	15
80	19	19	18	17	17	16	16	15	14	14
79	18	17	17	16	16	15	14	14	13	13
78	17	16	16	15	14	14	13	13	12	11
77	16	15	15	14	13	13	12	11	11	10
76	15	14	13	13	12	11	11	10	10	9
75	13	13	12	11	11	10	10	9	8	8
74	12	11	11	10	9	9	8	8	7	6
73	11	10	9	9	8	7	7	6	5	5
72	9	9	8	7	7	6	5	5	4	3
71	8	7	7	6	5	5	4	3	3	2

VAPOUR PRESSURE (Millibars)

Dry Bulb °F	Depression of the Wet Bulb									
	22.0	22.2	22.4	22.6	22.8	23.0	23.2	23.4	23.6	23.8
90	13.6	13.4	13.1	12.9	12.6	12.4	12.1	11.9	11.6	11.4
89	12.8	12.6	12.3	12.1	11.8	11.6	11.4	11.1	10.9	10.6
88	12.0	11.8	11.6	11.3	11.1	10.9	10.6	10.4	10.2	9.9
87	11.3	11.1	10.8	10.6	10.4	10.1	9.9	9.7	9.4	9.2
86	10.6	10.3	10.1	9.9	9.7	9.4	9.2	9.0	8.8	8.5
85	9.9	9.6	9.4	9.2	9.0	8.7	8.5	8.3	8.1	7.9
84	9.2	9.0	8.7	8.5	8.3	8.1	7.9	7.7	7.4	7.2
83	8.5	8.3	8.1	7.9	7.7	7.5	7.2	7.0	6.8	6.6
82	7.9	7.7	7.5	7.3	7.0	6.8	6.6	6.4	6.2	6.0
81	7.3	7.1	6.9	6.6	6.4	6.2	6.0	5.8	5.6	5.4
80	6.7	6.5	6.3	6.1	5.9	5.6	5.4	5.2	5.0	4.8
79	6.1	5.9	5.7	5.5	5.3	5.1	4.9	4.7	4.5	4.3
78	5.5	5.3	5.1	4.9	4.7	4.5	4.3	4.1	4.0	3.8
77	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.2
76	4.5	4.3	4.1	3.9	3.7	3.5	3.3	3.1	2.9	2.7
75	3.9	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.3
74	3.4	3.3	3.1	2.9	2.7	2.5	2.3	2.2	2.0	1.8
73	3.0	2.8	2.6	2.4	2.2	2.1	1.9	1.7	1.5	1.3
72	2.5	2.3	2.1	2.0	1.8	1.6	1.4	1.3	1.1	0.9
71	2.1	1.9	1.7	1.5	1.4	1.2	1.0	0.8	0.7	0.5



RELATIVE HUMIDITY (Per Cent)

Dry Bulb °F	Depression of the Wet Bulb									
	24·0	24·2	24·4	24·6	24·8	25·0	25·2	25·4	25·6	25·8
90	23	23	22	22	21	21	20	20	19	19
89	22	22	21	21	20	20	19	19	18	18
88	21	21	20	20	19	19	18	18	17	17
87	21	20	19	19	18	18	17	17	16	16
86	20	19	19	18	17	17	16	16	15	15
85	19	18	18	17	16	16	15	15	14	14
84	18	17	17	16	15	15	14	14	13	13
83	17	16	15	15	14	14	13	13	12	12
82	16	15	14	14	13	13	12	12	11	11
81	14	14	13	13	12	12	11	11	10	9
80	13	13	12	12	11	10	10	9	9	8
79	12	12	11	10	10	9	9	8	8	7
78	11	10	10	9	9	8	7	7	6	6
77	10	9	8	8	7	7	6	6	5	4
76	8	8	7	7	6	5	5	4	4	3
75	7	6	6	5	5	4	3	3	2	2
74	6	5	4	4	3	3	2	1	1	
73	4	4	3	2	2	1				
72	3	2	1	1						
71	1	1								

VAPOUR PRESSURE (Millibars)

Dry Bulb °F	Depression of the Wet Bulb									
	24·0	24·2	24·4	24·6	24·8	25·0	25·2	25·4	25·6	25·8
90	11·2	10·9	10·7	10·4	10·2	10·0	9·7	9·5	9·3	9·0
89	10·4	10·2	9·9	9·7	9·5	9·2	9·0	8·8	8·6	8·3
88	9·7	9·5	9·2	9·0	8·8	8·5	8·3	8·1	7·9	7·6
87	9·0	8·8	8·5	8·3	8·1	7·9	7·6	7·4	7·2	7·0
86	8·3	8·1	7·9	7·6	7·4	7·2	7·0	6·8	6·6	6·3
85	7·6	7·4	7·2	7·0	6·8	6·6	6·3	6·1	5·9	5·7
84	7·0	6·8	6·6	6·4	6·2	5·9	5·7	5·5	5·3	5·1
83	6·4	6·2	6·0	5·8	5·6	5·3	5·1	4·9	4·7	4·5
82	5·8	5·6	5·4	5·2	5·0	4·8	4·6	4·4	4·2	4·0
81	5·2	5·0	4·8	4·6	4·4	4·2	4·0	3·8	3·6	3·4
80	4·6	4·4	4·2	4·0	3·8	3·7	3·5	3·3	3·1	2·9
79	4·1	3·9	3·7	3·5	3·3	3·1	2·9	2·7	2·5	2·4
78	3·6	3·4	3·2	3·0	2·8	2·6	2·4	2·2	2·0	1·9
77	3·1	2·9	2·7	2·5	2·3	2·1	1·9	1·7	1·6	1·4
76	2·6	2·4	2·2	2·0	1·8	1·6	1·5	1·3	1·1	0·9
75	2·1	1·9	1·7	1·5	1·4	1·2	1·0	0·8	0·6	0·5
74	1·6	1·4	1·3	1·1	0·9	0·7	0·5	0·4	0·2	
73	1·2	1·0	0·8	0·6	0·5	0·3	0·1			
72	0·7	0·6	0·4	0·2						
71	0·3	0·1								

RELATIVE HUMIDITY (Per Cent)

Dry Bulb °F	Depression of the Wet Bulb									
	26·0	26·2	26·4	26·6	26·8	27·0	27·2	27·4	27·6	27·8
90	18	18	17	17	16	16	15	15	14	14
89	17	17	16	16	15	15	14	14	14	13
88	16	16	15	15	14	14	13	13	13	12
87	15	15	14	14	13	13	12	12	11	11
86	14	14	13	13	12	12	11	11	10	10
85	13	13	12	12	11	11	10	10	9	9
84	12	12	11	11	10	10	9	9	8	8
83	11	11	10	10	9	9	8	8	7	7
82	10	10	9	8	8	7	7	6	6	5
81	9	8	8	7	7	6	6	5	5	4
80	8	7	7	6	5	5	4	4	3	3
79	6	6	5	5	4	4	3	3	2	1
78	5	5	4	3	3	2	2	1	1	
77	4	3	3	2	1	1				
76	2	2	1	1						
75	1									
74										
73										
72										
71										

VAPOUR PRESSURE (Millibars)

Dry Bulb °F	Depression of the Wet Bulb									
	26·0	26·2	26·4	26·6	26·8	27·0	27·2	27·4	27·6	27·8
90	8·8	8·6	8·3	8·1	7·9	7·7	7·4	7·2	7·0	6·8
89	8·1	7·9	7·6	7·4	7·2	7·0	6·8	6·5	6·3	6·1
88	7·4	7·2	7·0	6·8	6·5	6·3	6·1	5·9	5·7	5·4
87	6·8	6·5	6·3	6·1	5·9	5·7	5·5	5·2	5·0	4·8
86	6·1	5·9	5·7	5·5	5·3	5·1	4·8	4·6	4·4	4·2
85	5·5	5·3	5·1	4·9	4·7	4·5	4·2	4·0	3·8	3·6
84	4·9	4·7	4·5	4·3	4·1	3·9	3·7	3·5	3·3	3·1
83	4·3	4·1	3·9	3·7	3·5	3·3	3·1	2·9	2·7	2·5
82	3·8	3·6	3·4	3·2	3·0	2·8	2·6	2·4	2·2	2·0
81	3·2	3·0	2·8	2·6	2·4	2·2	2·0	1·9	1·7	1·5
80	2·7	2·5	2·3	2·1	1·9	1·7	1·5	1·3	1·2	1·0
79	2·2	2·0	1·8	1·6	1·4	1·2	1·0	0·9	0·7	0·5
78	1·7	1·5	1·3	1·1	0·9	0·7	0·6	0·4	0·2	
77	1·2	1·0	0·8	0·6	0·5	0·3	0·1			
76	0·7	0·5	0·4	0·2						
75	0·3	0·1								
74										
73										
72										
71										



RELATIVE HUMIDITY (Per Cent)

Dry Bulb °F	Depression of the Wet Bulb									
	28·0	28·2	28·4	28·6	28·8	29·0	29·2	29·4	29·6	29·8
90	14	13	13	12	12	11	11	10	10	9
89	13	12	12	11	11	10	10	9	9	8
88	12	11	11	10	10	9	9	8	8	7
87	11	10	10	9	9	8	8	7	7	6
86	9	9	8	8	8	7	7	6	6	5
85	8	8	7	7	6	6	5	5	4	4
84	7	7	6	6	5	5	4	4	3	3
83	6	6	5	5	4	4	3	3	2	2
82	5	4	4	3	3	2	2	1	1	
81	4	3	2	2	1	1				
80	2	2	1	1						
79	1									
78										
77										
76										
75										
74										
73										
72										
71										

VAPOUR PRESSURE (Millibars)

Dry Bulb °F	Depression of the Wet Bulb									
	28·0	28·2	28·4	28·6	28·8	29·0	29·2	29·4	29·6	29·8
90	6·5	6·3	6·1	5·9	5·6	5·4	5·2	5·0	4·8	4·6
89	5·9	5·7	5·4	5·2	5·0	4·8	4·6	4·4	4·1	3·9
88	5·2	5·0	4·8	4·6	4·4	4·2	4·0	3·7	3·5	3·3
87	4·6	4·4	4·2	4·0	3·8	3·6	3·4	3·2	2·9	2·7
86	4·0	3·8	3·6	3·4	3·2	3·0	2·8	2·6	2·4	2·2
85	3·4	3·2	3·0	2·8	2·6	2·4	2·2	2·0	1·8	1·6
84	2·9	2·7	2·5	2·3	2·1	1·9	1·7	1·5	1·3	1·1
83	2·3	2·1	1·9	1·7	1·5	1·3	1·2	1·0	0·8	0·6
82	1·8	1·6	1·4	1·2	1·0	0·8	0·6	0·5	0·3	0·1
81	1·3	1·1	0·9	0·7	0·5	0·3	0·2			
80	0·8	0·6	0·4	0·2						
79	0·3	0·1								
78										
77										
76										
75										
74										
73										
72										
71										

RELATIVE HUMIDITY (Per Cent)

Dry Bulb °F	Depression of the Wet Bulb									
	30·0	30·2	30·4	30·6	30·8	31·0	31·2	31·4	31·6	31·8
90	9	9	8	8	7	7	6	6	6	5
89	8	8	7	7	6	6	5	5	4	4
88	7	6	6	6	5	5	4	4	3	3
87	6	5	5	4	4	4	3	3	2	2
86	5	4	4	3	3	2	2	1	1	
85	3	3	3	2	2	1	1			
84	2	2	1	1						
83	1	1								
82										
81										
80										
79										
78										
77										
76										
75										
74										
73										
72										
71										

VAPOUR PRESSURE (Millibars)

Dry Bulb °F	Depression of the Wet Bulb									
	30·0	30·2	30·4	30·6	30·8	31·0	31·2	31·4	31·6	31·8
90	4·3	4·1	3·9	3·7	3·5	3·3	3·1	2·9	2·7	2·4
89	3·7	3·5	3·3	3·1	2·9	2·7	2·5	2·3	2·1	1·9
88	3·1	2·9	2·7	2·5	2·3	2·1	1·9	1·7	1·5	1·3
87	2·5	2·3	2·1	1·9	1·7	1·5	1·3	1·1	0·9	0·7
86	2·0	1·8	1·6	1·4	1·2	1·0	0·8	0·6	0·4	0·2
85	1·4	1·2	1·0	0·8	0·7	0·5	0·3	0·1		
84	0·9	0·7	0·5	0·3	0·1					
83	0·4	0·2								
82										
81										
80										
79										
78										
77										
76										
75										
74										
73										
72										
71										



RELATIVE HUMIDITY (Per Cent)

Dry Bulb °F	Depression of the Wet Bulb									
	32.0	32.2	32.4	32.6	32.8	33.0	33.2	33.4	33.6	33.8
90	5	4	4	3	3	3	2	2	1	1
89	4	3	3	2	2	1	1	1		
88	2	2	2	1	1					
87	1	1								
86										
85										
84										
83										
82										
81										
80										
79										
78										
77										
76										
75										
74										
73										
72										
71										

VAPOUR PRESSURE (Millibars)

Dry Bulb °F	Depression of the Wet Bulb									
	32.0	32.2	32.4	32.6	32.8	33.0	33.2	33.4	33.6	33.8
90	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4
89	1.7	1.5	1.2	1.0	0.8	0.6	0.4	0.2	0.1	
88	1.1	0.9	0.7	0.5	0.3	0.1				
87	0.5	0.3	0.2							
86										
85										
84										
83										
82										
81										
80										
79										
78										
77										
76										
75										
74										
73										
72										
71										

For Dry Bulb 90°F and Dep. of Wet 34.0°F the Vapour Pressure is 0.2 mb.  
For Dep. of Wet greater than 34.0°F in the range of Dry Bulb 90-71°F the Vapour Pressure is negligible.



RELATIVE HUMIDITY (Per Cent)

Dry Bulb °F	Depression of the Wet Bulb									
	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8
70	100	99	98	97	96	95	94	93	92	91
69	100	99	98	97	96	95	94	93	92	91
68	100	99	98	97	96	95	94	93	92	91
67	100	99	98	97	96	95	94	93	91	90
66	100	99	98	97	96	95	93	92	91	90
65	100	99	98	97	96	94	93	92	91	90
64	100	99	98	97	95	94	93	92	91	90
63	100	99	98	97	95	94	93	92	91	90
62	100	99	98	96	95	94	93	92	91	90
61	100	99	98	96	95	94	93	92	91	89
60	100	99	98	96	95	94	93	92	90	89
59	100	99	98	96	95	94	93	91	90	89
58	100	99	97	96	95	94	93	91	90	89
57	100	99	97	96	95	94	92	91	90	89
56	100	99	97	96	95	94	92	91	90	88
55	100	99	97	96	95	93	92	91	90	88
54	100	99	97	96	95	93	92	91	89	88
53	100	99	97	96	95	93	92	90	89	88
52	100	99	97	96	94	93	92	90	89	88
51	100	99	97	96	94	93	91	90	89	87

VAPOUR PRESSURE (Millibars)

Dry Bulb °F	Depression of the Wet Bulb									
	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8
70	25.0	24.8	24.5	24.3	24.0	23.7	23.5	23.2	23.0	22.7
69	24.2	23.9	23.7	23.4	23.2	22.9	22.7	22.4	22.2	21.9
68	23.4	23.1	22.9	22.6	22.4	22.1	21.9	21.6	21.4	21.2
67	22.6	22.3	22.1	21.9	21.6	21.4	21.1	20.9	20.7	20.4
66	21.8	21.6	21.3	21.1	20.9	20.6	20.4	20.2	19.9	19.7
65	21.1	20.8	20.6	20.4	20.1	19.9	19.7	19.4	19.2	19.0
64	20.3	20.1	19.9	19.7	19.4	19.2	19.0	18.7	18.5	18.3
63	19.6	19.4	19.2	19.0	18.7	18.5	18.3	18.1	17.9	17.6
62	19.0	18.7	18.5	18.3	18.1	17.9	17.6	17.4	17.2	17.0
61	18.3	18.1	17.9	17.7	17.4	17.2	17.0	16.8	16.6	16.4
60	17.7	17.4	17.2	17.0	16.8	16.6	16.4	16.2	16.0	15.8
59	17.0	16.8	16.6	16.4	16.2	16.0	15.8	15.6	15.4	15.2
58	16.4	16.2	16.0	15.8	15.6	15.4	15.2	15.0	14.8	14.6
57	15.9	15.7	15.5	15.3	15.1	14.9	14.7	14.5	14.3	14.1
56	15.3	15.1	14.9	14.7	14.5	14.3	14.1	13.9	13.7	13.5
55	14.8	14.6	14.4	14.2	14.0	13.8	13.6	13.4	13.2	13.0
54	14.2	14.0	13.8	13.6	13.5	13.3	13.1	12.9	12.7	12.5
53	13.7	13.5	13.3	13.1	13.0	12.8	12.6	12.4	12.2	12.0
52	13.2	13.0	12.8	12.7	12.5	12.3	12.1	11.9	11.7	11.6
51	12.7	12.6	12.4	12.2	12.0	11.8	11.6	11.5	11.3	11.1

RELATIVE HUMIDITY (Per Cent)

Dry Bulb °F	Depression of the Wet Bulb									
	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8
70	90	89	88	87	86	85	84	83	82	81
69	90	89	88	87	86	85	84	83	82	81
68	90	88	87	86	85	84	83	82	81	80
67	89	88	87	86	85	84	83	82	81	80
66	89	88	87	86	85	84	83	82	81	80
65	89	88	87	86	85	84	83	82	81	79
64	89	88	87	86	84	83	82	81	80	79
63	89	88	86	85	84	83	82	81	80	79
62	88	87	86	85	84	83	82	81	80	78
61	88	87	86	85	84	83	81	80	79	78
60	88	87	86	85	83	82	81	80	79	78
59	88	87	85	84	83	82	81	80	78	77
58	88	86	85	84	83	82	80	79	78	77
57	87	86	85	84	82	81	80	79	78	76
56	87	86	85	83	82	81	80	78	77	76
55	87	86	84	83	82	81	79	78	77	76
54	87	85	84	83	81	80	79	78	76	75
53	86	85	84	82	81	80	78	77	76	75
52	86	85	83	82	81	79	78	77	75	74
51	86	84	83	82	80	79	78	76	75	74

VAPOUR PRESSURE (Millibars)

Dry Bulb °F	Depression of the Wet Bulb									
	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8
70	22.5	22.2	22.0	21.7	21.5	21.2	21.0	20.8	20.5	20.3
69	21.7	21.4	21.2	21.0	20.7	20.5	20.2	20.0	19.8	19.5
68	20.9	20.7	20.4	20.2	20.0	19.7	19.5	19.3	19.0	18.8
67	20.2	19.9	19.7	19.5	19.2	19.0	18.8	18.6	18.3	18.1
66	19.5	19.2	19.0	18.8	18.5	18.3	18.1	17.9	17.6	17.4
65	18.8	18.5	18.3	18.1	17.9	17.6	17.4	17.2	17.0	16.7
64	18.1	17.9	17.6	17.4	17.2	17.0	16.8	16.5	16.3	16.1
63	17.4	17.2	17.0	16.8	16.5	16.3	16.1	15.9	15.7	15.5
62	16.8	16.6	16.3	16.1	15.9	15.7	15.5	15.3	15.1	14.9
61	16.2	15.9	15.7	15.5	15.3	15.1	14.9	14.7	14.5	14.3
60	15.6	15.3	15.1	14.9	14.7	14.5	14.3	14.1	13.9	13.7
59	15.0	14.8	14.6	14.4	14.2	14.0	13.8	13.6	13.4	13.2
58	14.4	14.2	14.0	13.8	13.6	13.4	13.2	13.0	12.8	12.6
57	13.9	13.7	13.5	13.3	13.1	12.9	12.7	12.5	12.3	12.1
56	13.3	13.1	13.0	12.8	12.6	12.4	12.2	12.0	11.8	11.6
55	12.8	12.6	12.4	12.3	12.1	11.9	11.7	11.5	11.3	11.1
54	12.3	12.1	12.0	11.8	11.6	11.4	11.2	11.0	10.9	10.7
53	11.8	11.7	11.5	11.3	11.1	10.9	10.8	10.6	10.4	10.2
52	11.4	11.2	11.0	10.8	10.7	10.5	10.3	10.1	10.0	9.8
51	10.9	10.8	10.6	10.4	10.2	10.1	9.9	9.7	9.5	9.4



RELATIVE HUMIDITY (Per Cent)

Dry Bulb °F	Depression of the Wet Bulb									
	4·0	4·2	4·4	4·6	4·8	5·0	5·2	5·4	5·6	5·8
70	80	79	78	77	76	75	74	73	72	72
69	80	79	78	77	76	75	74	73	72	71
68	79	78	77	76	76	75	74	73	72	71
67	79	78	77	76	75	74	73	72	71	70
66	79	78	77	76	75	74	73	72	71	70
65	78	77	76	75	74	73	72	71	70	69
64	78	77	76	75	74	73	72	71	70	69
63	78	77	76	75	73	72	71	70	69	68
62	77	76	75	74	73	72	71	70	69	68
61	77	76	75	74	73	71	70	69	68	67
60	77	75	74	73	72	71	70	69	68	67
59	76	75	74	73	72	70	69	68	67	66
58	76	75	73	72	71	70	69	68	66	65
57	75	74	73	72	71	69	68	67	66	65
56	75	74	72	71	70	69	68	66	65	64
55	74	73	72	71	69	68	67	66	64	63
54	74	73	71	70	69	68	66	65	64	63
53	73	72	71	69	68	67	66	64	63	62
52	73	71	70	69	67	66	65	64	62	61
51	72	71	69	68	67	65	64	63	62	60

VAPOUR PRESSURE (Millibars)

Dry Bulb °F	Depression of the Wet Bulb									
	4·0	4·2	4·4	4·6	4·8	5·0	5·2	5·4	5·6	5·8
70	20·0	19·8	19·6	19·3	19·1	18·8	18·6	18·4	18·1	17·9
69	19·3	19·1	18·8	18·6	18·4	18·1	17·9	17·7	17·4	17·2
68	18·6	18·3	18·1	17·9	17·6	17·4	17·2	17·0	16·7	16·5
67	17·9	17·6	17·4	17·2	17·0	16·7	16·5	16·3	16·1	15·9
66	17·2	17·0	16·7	16·5	16·3	16·1	15·9	15·6	15·4	15·2
65	16·5	16·3	16·1	15·9	15·7	15·4	15·2	15·0	14·8	14·6
64	15·9	15·7	15·5	15·2	15·0	14·8	14·6	14·4	14·2	14·0
63	15·3	15·1	14·8	14·6	14·4	14·2	14·0	13·8	13·6	13·4
62	14·7	14·5	14·3	14·0	13·8	13·6	13·4	13·2	13·0	12·8
61	14·1	13·9	13·7	13·5	13·3	13·1	12·9	12·7	12·5	12·3
60	13·5	13·3	13·1	12·9	12·7	12·5	12·3	12·1	11·9	11·8
59	13·0	12·8	12·6	12·4	12·2	12·0	11·8	11·6	11·4	11·2
58	12·4	12·3	12·1	11·9	11·7	11·5	11·3	11·1	10·9	10·7
57	11·9	11·7	11·6	11·4	11·2	11·0	10·8	10·6	10·4	10·3
56	11·4	11·3	11·1	10·9	10·7	10·5	10·3	10·2	10·0	9·8
55	11·0	10·8	10·6	10·4	10·2	10·1	9·9	9·7	9·5	9·3
54	10·5	10·3	10·1	10·0	9·8	9·6	9·4	9·2	9·1	8·9
53	10·0	9·9	9·7	9·5	9·3	9·2	9·0	8·8	8·6	8·5
52	9·6	9·4	9·3	9·1	8·9	8·7	8·6	8·4	8·2	8·1
51	9·2	9·0	8·8	8·7	8·5	8·3	8·2	8·0	7·8	7·7

RELATIVE HUMIDITY (Per Cent)

Dry Bulb °F	Depression of the Wet Bulb									
	6·0	6·2	6·4	6·6	6·8	7·0	7·2	7·4	7·6	7·8
70	71	70	69	68	67	66	65	64	63	62
69	70	69	68	67	66	66	65	64	63	62
68	70	69	68	67	66	65	64	63	62	61
67	69	68	67	66	65	64	64	63	62	61
66	69	68	67	66	65	64	63	62	61	60
65	68	67	66	65	64	63	62	61	60	59
64	68	67	66	65	64	63	62	61	60	59
63	67	66	65	64	63	62	61	60	59	58
62	67	66	65	63	62	61	60	59	58	57
61	66	65	64	63	62	61	60	59	58	57
60	65	64	63	62	61	60	59	58	57	56
59	65	64	63	62	60	59	58	57	56	55
58	64	63	62	61	60	59	57	56	55	54
57	64	62	61	60	59	58	57	56	54	53
56	63	62	60	59	58	57	56	55	54	52
55	62	61	60	58	57	56	55	54	53	51
54	61	60	59	58	56	55	54	53	52	50
53	61	59	58	57	56	54	53	52	51	49
52	60	58	57	56	55	53	52	51	50	48
51	59	58	56	55	54	52	51	50	49	47

VAPOUR PRESSURE (Millibars)

Dry Bulb °F	Depression of the Wet Bulb									
	6·0	6·2	6·4	6·6	6·8	7·0	7·2	7·4	7·6	7·8
70	17·7	17·4	17·2	17·0	16·8	16·5	16·3	16·1	15·9	15·6
69	17·0	16·8	16·5	16·3	16·1	15·9	15·6	15·4	15·2	15·0
68	16·3	16·1	15·9	15·6	15·4	15·2	15·0	14·8	14·5	14·3
67	15·6	15·4	15·2	15·0	14·8	14·6	14·3	14·1	13·9	13·7
66	15·0	14·8	14·6	14·4	14·1	13·9	13·7	13·5	13·3	13·1
65	14·4	14·2	14·0	13·8	13·5	13·3	13·1	12·9	12·7	12·5
64	13·8	13·6	13·4	13·2	13·0	12·8	12·6	12·3	12·1	11·9
63	13·2	13·0	12·8	12·6	12·4	12·2	12·0	11·8	11·6	11·4
62	12·6	12·4	12·2	12·0	11·8	11·6	11·4	11·3	11·1	10·9
61	12·1	11·9	11·7	11·5	11·3	11·1	10·9	10·7	10·5	10·3
60	11·6	11·4	11·2	11·0	10·8	10·6	10·4	10·2	10·0	9·9
59	11·0	10·9	10·7	10·5	10·3	10·1	9·9	9·7	9·6	9·4
58	10·6	10·4	10·2	10·0	9·8	9·6	9·4	9·3	9·1	8·9
57	10·1	9·9	9·7	9·5	9·3	9·2	9·0	8·8	8·6	8·4
56	9·6	9·4	9·2	9·1	8·9	8·7	8·5	8·4	8·2	8·0
55	9·2	9·0	8·8	8·6	8·5	8·3	8·1	7·9	7·8	7·6
54	8·7	8·6	8·4	8·2	8·0	7·9	7·7	7·5	7·3	7·2
53	8·3	8·1	8·0	7·8	7·6	7·5	7·3	7·1	6·9	6·8
52	7·9	7·7	7·6	7·4	7·2	7·1	6·9	6·7	6·6	6·4
51	7·5	7·3	7·2	7·0	6·8	6·7	6·5	6·4	6·2	6·0



RELATIVE HUMIDITY (Per Cent)

Dry Bulb °F	Depression of the Wet Bulb									
	8·0	8·2	8·4	8·6	8·8	9·0	9·2	9·4	9·6	9·8
70	62	61	60	59	58	57	56	55	55	54
69	61	60	59	58	57	57	56	55	54	53
68	60	59	59	58	57	56	55	54	53	52
67	60	59	58	57	56	55	54	53	52	51
66	59	58	57	56	55	54	53	53	52	51
65	58	57	57	56	55	54	53	52	51	50
64	58	57	56	55	54	53	52	51	50	49
63	57	56	55	54	53	52	51	50	49	48
62	56	55	54	53	52	51	50	49	48	47
61	56	54	53	52	51	50	49	48	47	46
60	55	54	53	52	51	49	48	47	46	45
59	54	53	52	51	50	49	48	46	45	44
58	53	52	51	50	49	48	47	45	44	43
57	52	51	50	49	48	47	46	44	43	42
56	51	50	49	48	47	46	44	43	42	41
55	50	49	48	47	46	44	43	42	41	40
54	49	48	47	46	45	43	42	41	40	39
53	48	47	46	45	43	42	41	40	39	37
52	47	46	45	43	42	41	40	39	37	36
51	46	45	44	42	41	40	39	37	36	35

VAPOUR PRESSURE (Millibars)

Dry Bulb °F	Depression of the Wet Bulb									
	8·0	8·2	8·4	8·6	8·8	9·0	9·2	9·4	9·6	9·8
70	15·4	15·2	15·0	14·7	14·5	14·3	14·1	13·9	13·7	13·4
69	14·8	14·5	14·3	14·1	13·9	13·7	13·5	13·2	13·0	12·8
68	14·1	13·9	13·7	13·5	13·3	13·0	12·8	12·6	12·4	12·2
67	13·5	13·3	13·1	12·9	12·7	12·4	12·2	12·0	11·8	11·6
66	12·9	12·7	12·5	12·3	12·1	11·9	11·7	11·5	11·3	11·1
65	12·3	12·1	11·9	11·7	11·5	11·3	11·1	10·9	10·7	10·5
64	11·7	11·5	11·3	11·2	11·0	10·8	10·6	10·4	10·2	10·0
63	11·2	11·0	10·8	10·6	10·4	10·2	10·0	9·8	9·7	9·5
62	10·7	10·5	10·3	10·1	9·9	9·7	9·5	9·3	9·2	9·0
61	10·2	10·0	9·8	9·6	9·4	9·2	9·0	8·8	8·7	8·5
60	9·7	9·5	9·3	9·1	8·9	8·7	8·6	8·4	8·2	8·0
59	9·2	9·0	8·8	8·6	8·5	8·3	8·1	7·9	7·7	7·6
58	8·7	8·5	8·4	8·2	8·0	7·8	7·7	7·5	7·3	7·1
57	8·3	8·1	7·9	7·7	7·6	7·4	7·2	7·0	6·9	6·7
56	7·8	7·7	7·5	7·3	7·1	7·0	6·8	6·6	6·5	6·3
55	7·4	7·2	7·1	6·9	6·7	6·6	6·4	6·2	6·1	5·9
54	7·0	6·8	6·7	6·5	6·3	6·2	6·0	5·8	5·7	5·5
53	6·6	6·4	6·3	6·1	6·0	5·8	5·6	5·5	5·3	5·1
52	6·2	6·1	5·9	5·7	5·6	5·4	5·3	5·1	4·9	4·8
51	5·9	5·7	5·5	5·4	5·2	5·1	4·9	4·8	4·6	4·4

RELATIVE HUMIDITY (Per Cent)

Dry Bulb °F	Depression of the Wet Bulb									
	10·0	10·2	10·4	10·6	10·8	11·0	11·2	11·4	11·6	11·8
70	53	52	51	50	49	49	48	47	46	45
69	52	51	50	50	49	48	47	46	45	44
68	51	50	50	49	48	47	46	45	44	44
67	51	50	49	48	47	46	45	44	43	43
66	50	49	48	47	46	45	44	43	43	42
65	49	48	47	46	45	44	43	43	42	41
64	48	47	46	45	44	43	42	42	41	40
63	47	46	45	44	43	42	41	41	40	39
62	46	45	44	43	42	41	40	39	39	38
61	45	44	43	42	41	40	39	38	37	36
60	44	43	42	41	40	39	38	37	36	35
59	43	42	41	40	39	38	37	36	35	34
58	42	41	40	39	38	37	36	35	34	33
57	41	40	39	38	37	36	35	34	33	32
56	40	39	38	37	36	35	33	32	31	30
55	39	38	37	35	34	33	32	31	30	29
54	38	36	35	34	33	32	31	30	28	27
53	36	35	34	33	32	30	29	28	27	26
52	35	34	33	31	30	29	28	27	25	24
51	34	32	31	30	29	28	26	25	24	23

VAPOUR PRESSURE (Millibars)

Dry Bulb °F	Depression of the Wet Bulb									
	10·0	10·2	10·4	10·6	10·8	11·0	11·2	11·4	11·6	11·8
70	13·2	13·0	12·8	12·6	12·4	12·2	11·9	11·7	11·5	11·3
69	12·6	12·4	12·2	12·0	11·8	11·6	11·4	11·1	10·9	10·7
68	12·0	11·8	11·6	11·4	11·2	11·0	10·8	10·6	10·4	10·2
67	11·4	11·2	11·0	10·8	10·6	10·4	10·2	10·0	9·8	9·6
66	10·9	10·7	10·5	10·3	10·1	9·9	9·7	9·5	9·3	9·1
65	10·3	10·1	9·9	9·7	9·5	9·3	9·1	9·0	8·8	8·6
64	9·8	9·6	9·4	9·2	9·0	8·8	8·6	8·5	8·3	8·1
63	9·3	9·1	8·9	8·7	8·5	8·3	8·1	8·0	7·8	7·6
62	8·8	8·6	8·4	8·2	8·0	7·9	7·7	7·5	7·3	7·1
61	8·3	8·1	7·9	7·7	7·6	7·4	7·2	7·0	6·9	6·7
60	7·8	7·7	7·5	7·3	7·1	6·9	6·8	6·6	6·4	6·2
59	7·4	7·2	7·0	6·9	6·7	6·5	6·3	6·2	6·0	5·8
58	6·9	6·8	6·6	6·4	6·3	6·1	5·9	5·7	5·6	5·4
57	6·5	6·4	6·2	6·0	5·8	5·7	5·5	5·3	5·2	5·0
56	6·1	6·0	5·8	5·6	5·4	5·3	5·1	5·0	4·8	4·6
55	5·7	5·6	5·4	5·2	5·1	4·9	4·7	4·6	4·4	4·3
54	5·3	5·2	5·0	4·9	4·7	4·5	4·4	4·2	4·1	3·9
53	5·0	4·8	4·7	4·5	4·3	4·2	4·0	3·9	3·7	3·5
52	4·6	4·5	4·3	4·1	4·0	3·8	3·7	3·5	3·4	3·2
51	4·3	4·1	4·0	3·8	3·7	3·5	3·3	3·2	3·0	2·9



RELATIVE HUMIDITY (Per Cent)

Dry Bulb °F	Depression of the Wet Bulb									
	12.0	12.2	12.4	12.6	12.8	13.0	13.2	13.4	13.6	13.8
70	44	44	43	42	41	40	39	39	38	37
69	44	43	42	41	40	39	39	38	37	36
68	43	42	41	40	39	38	38	37	36	35
67	42	41	40	39	38	37	37	36	35	34
66	41	40	39	38	37	36	36	35	34	33
65	40	39	38	37	36	35	34	34	33	32
64	39	38	37	36	35	34	33	32	32	31
63	38	37	36	35	34	33	32	31	30	29
62	37	36	35	34	33	32	31	30	29	28
61	35	35	34	33	32	31	30	29	28	27
60	34	33	32	31	30	29	28	27	27	26
59	33	32	31	30	29	28	27	26	25	24
58	32	31	30	29	28	27	26	25	24	23
57	31	29	28	27	26	25	24	23	22	21
56	29	28	27	26	25	24	23	22	21	20
55	28	27	26	24	23	22	21	20	19	18
54	26	25	24	23	22	21	20	19	17	16
53	25	24	22	21	20	19	18	17	16	15
52	23	22	21	20	19	17	16	15	14	13
51	21	20	19	18	17	16	14	13	12	11

VAPOUR PRESSURE (Millibars)

Dry Bulb °F	Depression of the Wet Bulb									
	12.0	12.2	12.4	12.6	12.8	13.0	13.2	13.4	13.6	13.8
70	11.1	10.9	10.7	10.5	10.3	10.1	9.9	9.7	9.5	9.3
69	10.5	10.3	10.1	9.9	9.7	9.5	9.3	9.1	8.9	8.7
68	10.0	9.8	9.6	9.4	9.2	9.0	8.8	8.6	8.4	8.2
67	9.4	9.2	9.0	8.8	8.6	8.5	8.3	8.1	7.9	7.7
66	8.9	8.7	8.5	8.3	8.1	7.9	7.8	7.6	7.4	7.2
65	8.4	8.2	8.0	7.8	7.6	7.4	7.3	7.1	6.9	6.7
64	7.9	7.7	7.5	7.3	7.1	7.0	6.8	6.6	6.4	6.2
63	7.4	7.2	7.0	6.9	6.7	6.5	6.3	6.1	6.0	5.8
62	6.9	6.8	6.6	6.4	6.2	6.1	5.9	5.7	5.5	5.3
61	6.5	6.3	6.1	6.0	5.8	5.6	5.4	5.3	5.1	4.9
60	6.1	5.9	5.7	5.5	5.4	5.2	5.0	4.9	4.7	4.5
59	5.6	5.5	5.3	5.1	5.0	4.8	4.6	4.5	4.3	4.1
58	5.2	5.1	4.9	4.7	4.6	4.4	4.2	4.1	3.9	3.7
57	4.8	4.7	4.5	4.3	4.2	4.0	3.9	3.7	3.5	3.4
56	4.5	4.3	4.1	4.0	3.8	3.6	3.5	3.3	3.2	3.0
55	4.1	3.9	3.8	3.6	3.4	3.3	3.1	3.0	2.8	2.7
54	3.7	3.6	3.4	3.3	3.1	2.9	2.8	2.6	2.5	2.3
53	3.4	3.2	3.1	2.9	2.8	2.6	2.5	2.3	2.2	2.0
52	3.1	2.9	2.8	2.6	2.4	2.3	2.1	2.0	1.8	1.7
51	2.7	2.6	2.4	2.3	2.1	2.0	1.8	1.7	1.5	1.4

RELATIVE HUMIDITY (Per Cent)

Dry Bulb °F	Depression of the Wet Bulb									
	14.0	14.2	14.4	14.6	14.8	15.0	15.2	15.4	15.6	15.8
70	36	35	35	34	33	32	32	31	30	29
69	35	34	34	33	32	31	30	30	29	28
68	34	33	33	32	31	30	29	29	28	27
67	33	32	32	31	30	29	28	27	27	26
66	32	31	30	30	29	28	27	26	25	25
65	31	30	29	28	27	27	26	25	24	23
64	30	29	28	27	26	25	25	24	23	22
63	29	28	27	26	25	24	23	22	21	21
62	27	26	25	25	24	23	22	21	20	19
61	26	25	24	23	22	21	20	19	19	18
60	25	24	23	22	21	20	19	18	17	16
59	23	22	21	20	19	18	17	16	15	15
58	22	21	20	19	18	17	16	15	14	13
57	20	19	18	17	16	15	14	13	12	11
56	19	18	17	16	14	13	12	11	10	9
55	17	16	15	14	13	12	11	10	9	8
54	15	14	13	12	11	10	9	8	7	6
53	13	12	11	10	9	8	7	6	5	4
52	12	11	9	8	7	6	5	4	3	2
51	10	9	7	6	5	4	3	2	1	

VAPOUR PRESSURE (Millibars)

Dry Bulb °F	Depression of the Wet Bulb									
	14.0	14.2	14.4	14.6	14.8	15.0	15.2	15.4	15.6	15.8
70	9.1	8.9	8.7	8.5	8.3	8.1	7.9	7.7	7.5	7.3
69	8.5	8.3	8.1	8.0	7.8	7.6	7.4	7.2	7.0	6.8
68	8.0	7.8	7.6	7.4	7.2	7.1	6.9	6.7	6.5	6.3
67	7.5	7.3	7.1	6.9	6.7	6.6	6.4	6.2	6.0	5.8
66	7.0	6.8	6.6	6.4	6.3	6.1	5.9	5.7	5.5	5.3
65	6.5	6.3	6.2	6.0	5.8	5.6	5.4	5.3	5.1	4.9
64	6.1	5.9	5.7	5.5	5.3	5.2	5.0	4.8	4.6	4.5
63	5.6	5.4	5.3	5.1	4.9	4.7	4.6	4.4	4.2	4.0
62	5.2	5.0	4.8	4.7	4.5	4.3	4.1	4.0	3.8	3.6
61	4.8	4.6	4.4	4.2	4.1	3.9	3.7	3.6	3.4	3.2
60	4.3	4.2	4.0	3.8	3.7	3.5	3.3	3.2	3.0	2.8
59	4.0	3.8	3.6	3.5	3.3	3.1	3.0	2.8	2.6	2.5
58	3.6	3.4	3.2	3.1	2.9	2.8	2.6	2.4	2.3	2.1
57	3.2	3.0	2.9	2.7	2.6	2.4	2.2	2.1	1.9	1.8
56	2.8	2.7	2.5	2.4	2.2	2.1	1.9	1.7	1.6	1.4
55	2.5	2.3	2.2	2.0	1.9	1.7	1.6	1.4	1.3	1.1
54	2.2	2.0	1.9	1.7	1.6	1.4	1.3	1.1	1.0	0.8
53	1.9	1.7	1.5	1.4	1.2	1.1	0.9	0.8	0.6	0.5
52	1.5	1.4	1.2	1.1	0.9	0.8	0.6	0.5	0.4	0.2
51	1.2	1.1	0.9	0.8	0.7	0.5	0.4	0.2	0.1	



## RELATIVE HUMIDITY (Per Cent)

[illegible]

## VAPOUR PRESSURE (Millibars)

[illegible]

## RELATIVE HUMIDITY (Per Cent)

[illegible]

## VAPOUR PRESSURE (Millibars)

[illegible]



## RELATIVE HUMIDITY (Per Cent)

[illegible]

## VAPOUR PRESSURE (Millibars)

[illegible]

## RELATIVE HUMIDITY (Per Cent)

[illegible]

## VAPOUR PRESSURE (Millibars)

[illegible]



RELATIVE HUMIDITY (Per Cent)

Dry Bulb °F	Depression of the Wet Bulb									
	0·0	0·2	0·4	0·6	0·8	1·0	1·2	1·4	1·6	1·8
50	100	99	97	96	94	93	91	90	88	87
49	100	99	97	96	94	93	91	90	88	87
48	100	98	97	95	94	92	91	89	88	86
47	100	98	97	95	94	92	91	89	88	86
46	100	98	97	95	94	92	90	89	87	86
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45	100	98	97	95	94	92	90	89	87	85
44	100	98	97	95	93	92	90	88	87	85
43	100	98	97	95	93	92	90	88	86	85
42	100	98	97	95	93	91	90	88	86	84
41	100	98	96	95	93	91	89	88	86	84
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40	100	98	96	95	93	91	89	87	85	84
39	100	98	96	94	93	91	89	87	85	83
38	100	98	96	94	92	90	89	87	85	83
37	100	98	96	94	92	90	88	86	84	82
36	100	98	96	94	92	90	88	86	84	82
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35	100	98	96	94	92	90	88	86	83	81
34	100	98	96	94	91	89	87	85	83	81
33	100	98	96	93	91	89	88	85	83	81

VAPOUR PRESSURE (Millibars)

Dry Bulb °F	Depression of the Wet Bulb									
	0·0	0·2	0·4	0·6	0·8	1·0	1·2	1·4	1·6	1·8
50	12·3	12·1	11·9	11·7	11·6	11·4	11·2	11·0	10·8	10·7
49	11·8	11·6	11·5	11·3	11·1	10·9	10·8	10·6	10·4	10·3
48	11·4	11·2	11·0	10·9	10·7	10·5	10·4	10·2	10·0	9·8
47	11·0	10·8	10·6	10·5	10·3	10·1	9·9	9·8	9·6	9·4
46	10·6	10·4	10·2	10·1	9·9	9·7	9·6	9·4	9·2	9·1
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45	10·2	10·0	9·8	9·7	9·5	9·3	9·2	9·0	8·9	8·7
44	9·8	9·6	9·5	9·3	9·1	9·0	8·8	8·7	8·5	8·3
43	9·4	9·3	9·1	8·9	8·8	8·6	8·5	8·3	8·1	8·0
42	9·1	8·9	8·7	8·6	8·4	8·3	8·1	8·0	7·8	7·7
41	8·7	8·6	8·4	8·3	8·1	7·9	7·8	7·6	7·5	7·3
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40	8·4	8·2	8·1	7·9	7·8	7·6	7·5	7·3	7·2	7·0
39	8·1	7·9	7·8	7·6	7·5	7·3	7·2	7·0	6·9	6·7
38	7·8	7·6	7·5	7·3	7·2	7·0	6·9	6·7	6·6	6·4
37	7·5	7·3	7·2	7·0	6·9	6·7	6·6	6·4	6·3	6·1
36	7·2	7·0	6·9	6·7	6·6	6·4	6·3	6·2	6·0	5·9
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35	6·9	6·7	6·6	6·5	6·3	6·2	6·0	5·9	5·8	5·6
34	6·6	6·5	6·3	6·2	6·1	5·9	5·8	5·6	5·5	5·4
33	6·4	6·2	6·1	5·9	5·8	5·7	5·6	5·4	5·3	5·2

The values of relative humidity and vapour pressure below the thick zig-zag lines are valid only when the wet bulb is coated with ice. Interpolation should not be made across the interval indicated by the thick line, but the required values should be obtained by extrapolation downwards or upwards according as the wet bulb is water-covered or ice-covered.

RELATIVE HUMIDITY (Per Cent)

Dry Bulb °F	Depression of the Wet Bulb									
	2·0	2·2	2·4	2·6	2·8	3·0	3·2	3·4	3·6	3·8
50	86	84	83	81	80	79	77	76	74	73
49	85	84	82	81	79	78	77	75	74	72
48	85	83	82	81	79	78	76	75	73	72
47	85	83	82	80	79	77	76	74	73	71
46	84	83	81	80	78	77	75	74	72	71
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45	84	82	81	79	78	76	74	73	71	70
44	84	82	80	79	77	75	74	72	71	69
43	83	81	80	78	77	75	73	72	70	68
42	83	81	79	78	76	74	73	71	69	68
41	82	81	79	77	75	74	72	70	69	67
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40	82	80	78	77	75	73	71	70	68	66
39	81	80	78	76	74	72	71	69	67	65
38	81	79	77	75	73	72	70	68	66	64
37	80	79	77	75	73	71	69	67	65	63
36	80	78	76	74	72	70	68	66	64	62
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35	79	77	75	73	71	69	69	67	65	63
34	79	78	76	74	72	70	68	66	64	62
33	79	77	75	73	71	69	67	65	63	61

VAPOUR PRESSURE (Millibars)

Dry Bulb °F	Depression of the Wet Bulb									
	2·0	2·2	2·4	2·6	2·8	3·0	3·2	3·4	3·6	3·8
50	10·5	10·3	10·2	10·0	9·8	9·6	9·5	9·3	9·1	9·0
49	10·1	9·9	9·7	9·6	9·4	9·2	9·1	8·9	8·7	8·6
48	9·7	9·5	9·3	9·2	9·0	8·8	8·7	8·5	8·3	8·2
47	9·3	9·1	8·9	8·8	8·6	8·5	8·3	8·1	8·0	7·8
46	8·9	8·7	8·6	8·4	8·2	8·1	7·9	7·8	7·6	7·4
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45	8·5	8·4	8·2	8·0	7·9	7·7	7·6	7·4	7·3	7·1
44	8·2	8·0	7·9	7·7	7·5	7·4	7·2	7·1	6·9	6·8
43	7·8	7·7	7·5	7·4	7·2	7·1	6·9	6·7	6·6	6·4
42	7·5	7·3	7·2	7·0	6·9	6·7	6·6	6·4	6·3	6·1
41	7·2	7·0	6·9	6·7	6·6	6·4	6·3	6·1	6·0	5·8
<hr/>										
40	6·9	6·7	6·6	6·4	6·3	6·1	6·0	5·8	5·7	5·5
39	6·6	6·4	6·3	6·1	6·0	5·8	5·7	5·5	5·4	5·3
38	6·3	6·1	6·0	5·8	5·7	5·6	5·4	5·3	5·1	5·0
37	6·0	5·9	5·7	5·6	5·4	5·3	5·1	5·0	4·9	4·7
36	5·7	5·6	5·4	5·3	5·2	5·0	4·9	4·7	4·6	4·5
<hr/>										
35	5·5	5·3	5·2	5·1	4·9	4·8	4·8	4·6	4·5	4·4
34	5·2	5·2	5·0	4·9	4·8	4·6	4·5	4·4	4·2	4·1
33	5·0	4·9	4·8	4·6	4·5	4·4	4·2	4·1	4·0	3·8

The values of relative humidity and vapour pressure below the thick zig-zag lines are valid only when the wet bulb is coated with ice. Interpolation should not be made across the interval indicated by the thick line, but the required values should be obtained by extrapolation downwards or upwards according as the wet bulb is water-covered or ice-covered.



RELATIVE HUMIDITY (Per Cent)

Dry Bulb °F	Depression of the Wet Bulb									
	4·0	4·2	4·4	4·6	4·8	5·0	5·2	5·4	5·6	5·8
50	72	70	69	67	66	65	63	62	61	59
49	71	70	68	67	65	64	63	61	60	58
48	70	69	67	66	65	63	62	60	59	58
47	70	68	67	65	64	62	61	60	58	57
46	69	68	66	65	63	62	60	59	57	56
45	68	67	65	64	62	61	59	58	56	55
44	68	66	64	63	61	60	58	57	55	54
43	67	65	64	62	60	59	57	56	54	52
42	66	64	63	61	59	58	56	55	53	51
41	65	63	62	60	58	57	55	53	52	50
40	64	63	61	59	57	56	54	52	51	49
39	63	62	60	58	56	55	53	51	49	48
38	62	61	59	57	55	53	52	50	48	46
37	61	60	58	56	54	52	53	51	50	48
36	60	61	59	57	55	53	52	50	48	46
35	61	60	58	56	54	52	50	48	46	44
34	60	58	56	54	52	50	48	46	44	42
33	58	56	54	52	50	48	46	44	42	40

VAPOUR PRESSURE (Millibars)

Dry Bulb °F	Depression of the Wet Bulb									
	4·0	4·2	4·4	4·6	4·8	5·0	5·2	5·4	5·6	5·8
50	8·8	8·6	8·4	8·3	8·1	7·9	7·8	7·6	7·5	7·3
49	8·4	8·2	8·1	7·9	7·7	7·6	7·4	7·2	7·1	6·9
48	8·0	7·8	7·7	7·5	7·4	7·2	7·0	6·9	6·7	6·6
47	7·6	7·5	7·3	7·2	7·0	6·8	6·7	6·5	6·4	6·2
46	7·3	7·1	7·0	6·8	6·7	6·5	6·3	6·2	6·0	5·9
45	6·9	6·8	6·6	6·5	6·3	6·2	6·0	5·9	5·7	5·6
44	6·6	6·5	6·3	6·2	6·0	5·8	5·7	5·5	5·4	5·2
43	6·3	6·1	6·0	5·8	5·7	5·5	5·4	5·2	5·1	4·9
42	6·0	5·8	5·7	5·5	5·4	5·2	5·1	4·9	4·8	4·6
41	5·7	5·5	5·4	5·2	5·1	4·9	4·8	4·7	4·5	4·4
40	5·4	5·2	5·1	5·0	4·8	4·7	4·5	4·4	4·2	4·1
39	5·1	5·0	4·8	4·7	4·5	4·4	4·3	4·1	4·0	3·8
38	4·8	4·7	4·6	4·4	4·3	4·1	4·0	3·9	3·7	3·6
37	4·6	4·4	4·3	4·2	4·0	3·9	4·0	3·8	3·7	3·6
36	4·3	4·4	4·2	4·1	4·0	3·8	3·7	3·6	3·4	3·3
35	4·2	4·1	4·0	3·8	3·7	3·6	3·4	3·3	3·2	3·0
34	4·0	3·8	3·7	3·6	3·4	3·3	3·2	3·1	2·9	2·8
33	3·7	3·6	3·5	3·3	3·2	3·1	3·0	2·8	2·7	2·6

The values of relative humidity and vapour pressure below the thick zig-zag lines are valid only when the wet bulb is coated with ice. Interpolation should not be made across the interval indicated by the thick line, but the required values should be obtained by extrapolation downwards or upwards according as the wet bulb is water-covered or ice-covered.

RELATIVE HUMIDITY (Per Cent)

Dry Bulb °F	Depression of the Wet Bulb									
	6·0	6·2	6·4	6·6	6·8	7·0	7·2	7·4	7·6	7·8
50	58	57	55	54	53	51	50	49	48	46
49	57	56	54	53	52	50	49	48	46	45
48	56	55	53	52	51	49	48	47	45	44
47	55	54	52	51	50	48	47	45	44	43
46	54	53	51	50	48	47	46	44	43	41
45	53	52	50	49	47	46	44	43	41	40
44	52	51	49	47	46	44	43	41	40	38
43	51	49	48	46	45	43	42	40	38	37
42	50	48	46	45	43	42	40	39	37	35
41	48	47	45	44	42	40	39	37	35	34
40	47	45	44	42	40	39	37	35	34	32
39	46	44	42	41	39	37	39	38	36	34
38	44	46	44	43	41	39	37	36	34	32
37	46	44	42	41	39	37	35	34	32	30
36	44	42	41	39	37	35	33	32	30	28
35	42	41	39	37	35	33	31	29	28	26
34	40	39	37	35	33	31	29	27	25	23
33	38	37	35	33	31	29	27	25	23	21

VAPOUR PRESSURE (Millibars)

Dry Bulb °F	Depression of the Wet Bulb									
	6·0	6·2	6·4	6·6	6·8	7·0	7·2	7·4	7·6	7·8
50	7·1	7·0	6·8	6·6	6·5	6·3	6·1	6·0	5·8	5·7
49	6·8	6·6	6·4	6·3	6·1	6·0	5·8	5·6	5·5	5·3
48	6·4	6·2	6·1	5·9	5·8	5·6	5·5	5·3	5·1	5·0
47	6·1	5·9	5·7	5·6	5·4	5·3	5·1	5·0	4·8	4·7
46	5·7	5·6	5·4	5·3	5·1	5·0	4·8	4·7	4·5	4·4
45	5·4	5·3	5·1	4·9	4·8	4·6	4·5	4·3	4·2	4·1
44	5·1	4·9	4·8	4·6	4·5	4·3	4·2	4·1	3·9	3·8
43	4·8	4·6	4·5	4·4	4·2	4·1	3·9	3·8	3·6	3·5
42	4·5	4·4	4·2	4·1	3·9	3·8	3·6	3·5	3·4	3·2
41	4·2	4·1	3·9	3·8	3·7	3·5	3·4	3·2	3·1	2·9
40	4·0	3·8	3·7	3·5	3·4	3·3	3·1	3·0	2·8	2·7
39	3·7	3·6	3·4	3·3	3·1	3·0	3·2	3·0	2·9	2·8
38	3·4	3·6	3·4	3·3	3·2	3·0	2·9	2·8	2·6	2·5
37	3·4	3·3	3·2	3·0	2·9	2·8	2·6	2·5	2·4	2·2
36	3·2	3·0	2·9	2·8	2·6	2·5	2·4	2·3	2·1	2·0
35	2·9	2·8	2·7	2·5	2·4	2·3	2·2	2·0	1·9	1·8
34	2·7	2·6	2·4	2·3	2·2	2·0	1·9	1·8	1·7	1·5
33	2·4	2·3	2·2	2·1	1·9	1·8	1·7	1·6	1·5	1·3

The values of relative humidity and vapour pressure below the thick zig-zag lines are valid only when the wet bulb is coated with ice. Interpolation should not be made across the interval indicated by the thick line, but the required values should be obtained by extrapolation downwards or upwards according as the wet bulb is water-covered or ice-covered.



RELATIVE HUMIDITY (Per Cent)

Dry Bulb °F	Depression of the Wet Bulb									
	8.0	8.2	8.4	8.6	8.8	9.0	9.2	9.4	9.6	9.8
50	45	44	42	41	40	38	37	36	35	33
49	44	42	41	40	38	37	36	35	33	32
48	42	41	40	38	37	36	34	33	32	30
47	41	40	38	37	36	34	33	32	30	29
46	40	38	37	36	34	33	31	30	29	27
45	38	37	36	34	33	31	30	28	27	25
44	37	35	34	32	31	30	28	27	25	24
43	35	34	32	31	29	28	26	25	23	22
42	34	32	31	29	28	26	25	23	21	20
41	32	31	29	27	26	24	27	26	24	23
40	30	33	31	30	28	27	25	23	22	20
39	33	31	29	28	26	24	23	21	20	18
38	31	29	27	26	24	22	21	19	17	16
37	28	27	25	23	22	20	18	16	15	13
36	26	24	23	21	19	17	16	14	12	10
35	24	22	20	18	17	15	13	11	10	8
34	22	20	18	16	14	12	10	9	7	5
33	19	17	15	13	11	10	8	6	4	2

VAPOUR PRESSURE (Millibars)

Dry Bulb °F	Depression of the Wet Bulb									
	8.0	8.2	8.4	8.6	8.8	9.0	9.2	9.4	9.6	9.8
50	5.5	5.4	5.2	5.0	4.9	4.7	4.6	4.4	4.3	4.1
49	5.2	5.0	4.9	4.7	4.5	4.4	4.2	4.1	3.9	3.8
48	4.8	4.7	4.5	4.4	4.2	4.1	3.9	3.8	3.6	3.5
47	4.5	4.4	4.2	4.1	3.9	3.8	3.6	3.5	3.3	3.2
46	4.2	4.1	3.9	3.8	3.6	3.5	3.3	3.2	3.0	2.9
45	3.9	3.8	3.6	3.5	3.3	3.2	3.0	2.9	2.7	2.6
44	3.6	3.5	3.3	3.2	3.0	2.9	2.7	2.6	2.5	2.3
43	3.3	3.2	3.0	2.9	2.8	2.6	2.5	2.3	2.2	2.1
42	3.1	2.9	2.8	2.6	2.5	2.4	2.2	2.1	1.9	1.8
41	2.8	2.7	2.5	2.4	2.3	2.1	2.4	2.2	2.1	2.0
40	2.6	2.8	2.6	2.5	2.4	2.2	2.1	2.0	1.8	1.7
39	2.6	2.5	2.4	2.2	2.1	2.0	1.8	1.7	1.6	1.4
38	2.4	2.2	2.1	2.0	1.8	1.7	1.6	1.5	1.3	1.2
37	2.1	2.0	1.9	1.7	1.6	1.5	1.4	1.2	1.1	1.0
36	1.9	1.8	1.6	1.5	1.4	1.2	1.1	1.0	0.9	0.7
35	1.6	1.5	1.4	1.3	1.1	1.0	0.9	0.8	0.7	0.5
34	1.4	1.3	1.2	1.1	0.9	0.8	0.7	0.6	0.4	0.3
33	1.2	1.1	1.0	0.8	0.7	0.6	0.5	0.4	0.3	0.1

The values of relative humidity and vapour pressure below the thick zig-zag lines are valid only when the wet bulb is coated with ice. Interpolation should not be made across the interval indicated by the thick line, but the required values should be obtained by extrapolation downwards or upwards according as the wet bulb is water-covered or ice-covered.

RELATIVE HUMIDITY (Per Cent)

Dry Bulb °F	Depression of the Wet Bulb									
	10.0	10.2	10.4	10.6	10.8	11.0	11.2	11.4	11.6	11.8
50	32	31	30	28	27	26	25	23	22	21
49	31	29	28	27	26	24	23	22	21	19
48	29	28	26	25	24	23	21	20	19	17
47	28	26	25	23	22	21	19	18	17	16
46	26	24	23	22	20	19	18	16	15	14
45	24	23	21	20	18	17	16	14	13	12
44	22	21	19	18	17	15	14	12	11	9
43	20	19	17	16	14	13	17	15	14	12
42	18	22	20	19	17	16	14	13	11	10
41	21	19	18	16	15	13	12	10	9	7
40	19	17	16	14	13	11	9	8	6	5
39	16	15	13	12	10	8	7	5	4	2
38	14	12	11	9	7	6	4	3	1	
37	11	10	8	6	5	3	1			
36	9	7	5	4	2					
35	6	4	2							
34	3	1								
33										

VAPOUR PRESSURE (Millibars)

Dry Bulb °F	Depression of the Wet Bulb									
	10.0	10.2	10.4	10.6	10.8	11.0	11.2	11.4	11.6	11.8
50	3.9	3.8	3.6	3.5	3.3	3.2	3.0	2.9	2.7	2.6
49	3.6	3.5	3.3	3.2	3.0	2.9	2.7	2.6	2.4	2.3
48	3.3	3.2	3.0	2.9	2.7	2.6	2.4	2.3	2.1	2.0
47	3.0	2.9	2.7	2.6	2.4	2.3	2.1	2.0	1.8	1.7
46	2.7	2.6	2.4	2.3	2.1	2.0	1.9	1.7	1.6	1.4
45	2.4	2.3	2.2	2.0	1.9	1.7	1.6	1.5	1.3	1.2
44	2.2	2.0	1.9	1.8	1.6	1.5	1.3	1.2	1.1	0.9
43	1.9	1.8	1.6	1.5	1.4	1.2	1.6	1.4	1.3	1.2
42	1.7	2.0	1.8	1.7	1.6	1.4	1.3	1.2	1.0	0.9
41	1.8	1.7	1.6	1.4	1.3	1.2	1.0	0.9	0.8	0.6
40	1.6	1.4	1.3	1.2	1.0	0.9	0.8	0.7	0.5	0.4
39	1.3	1.2	1.1	0.9	0.8	0.7	0.6	0.4	0.3	0.2
38	1.1	1.0	0.8	0.7	0.6	0.4	0.3	0.2	0.1	
37	0.8	0.7	0.6	0.5	0.3	0.2	0.1			
36	0.6	0.5	0.4	0.3	0.1					
35	0.4	0.3	0.2							
34	0.2	0.1								
33										

The values of relative humidity and vapour pressure below the thick zig-zag lines are valid only when the wet bulb is coated with ice. Interpolation should not be made across the interval indicated by the thick line, but the required values should be obtained by extrapolation downwards or upwards according as the wet bulb is water-covered or ice-covered.



RELATIVE HUMIDITY (Per Cent)

Dry Bulb °F	Depression of the Wet Bulb									
	12.0	12.2	12.4	12.6	12.8	13.0	13.2	13.4	13.6	13.8
50	20	19	17	16	15	14	13	11	10	9
49	18	17	16	14	13	12	11	9	8	7
48	16	15	14	12	11	10	9	7	6	5
47	14	13	12	10	9	8	6	5	4	3
46	12	11	10	8	7	6	4	3	2	
45	10	9	7	6	5	3	8	6	5	4
44	8	12	11	9	8	6	5	4	2	1
43	11	10	8	7	5	4	3	1		
42	9	7	6	4	3	1				
41	6	4	3	2						
40	3	2								
39										
38										
37										
36										
35										
34										
33										

VAPOUR PRESSURE (Millibars)

Dry Bulb °F	Depression of the Wet Bulb									
	12.0	12.2	12.4	12.6	12.8	13.0	13.2	13.4	13.6	13.8
50	2.4	2.3	2.1	2.0	1.8	1.7	1.5	1.4	1.2	1.1
49	2.1	2.0	1.8	1.7	1.5	1.4	1.3	1.1	1.0	0.8
48	1.8	1.7	1.5	1.4	1.3	1.1	1.0	0.8	0.7	0.5
47	1.6	1.4	1.3	1.1	1.0	0.8	0.7	0.6	0.4	0.3
46	1.3	1.1	1.0	0.9	0.7	0.6	0.4	0.3	0.2	
45	1.0	0.9	0.8	0.6	0.5	0.3	0.8	0.6	0.5	0.4
44	0.8	1.2	1.0	0.9	0.8	0.6	0.5	0.4	0.2	0.1
43	1.0	0.9	0.8	0.6	0.5	0.4	0.2	0.1		
42	0.8	0.6	0.5	0.4	0.2	0.1				
41	0.5	0.4	0.3	0.1						
40	0.3	0.2								
39										
38										
37										
36										
35										
34										
33										

The values of relative humidity and vapour pressure below the thick zig-zag lines are valid only when the wet bulb is coated with ice. Interpolation should not be made across the interval indicated by the thick line, but the required values should be obtained by extrapolation downwards or upwards according as the wet bulb is water-covered or ice-covered.

RELATIVE HUMIDITY (Per Cent)

Dry Bulb °F	Depression of the Wet Bulb									
	14.0	14.2	14.4	14.6	14.8	15.0	15.2	15.4	15.6	15.8
50	8	7	5	4	3	2	1			
49	6	4	3	2	1					
48	4	2	1							
47	1									
46										
45	2	1								
44										
43										
42										
41										
40										
39										
38										
37										
36										
35										
34										
33										

VAPOUR PRESSURE (Millibars)

Dry Bulb °F	Depression of the Wet Bulb									
	14.0	14.2	14.4	14.6	14.8	15.0	15.2	15.4	15.6	15.8
50	1.0	0.8	0.7	0.5	0.4	0.2	0.1			
49	0.7	0.5	0.4	0.2	0.1					
48	0.4	0.3	0.1							
47	0.1									
46		0.4	0.2	0.1						
45	0.2	0.1								
44										
43										
42										
41										
40										
39										
38										
37										
36										
35										
34										
33										

The values of relative humidity and vapour pressure below the thick zig-zag lines are valid only when the wet bulb is coated with ice. Interpolation should not be made across the interval indicated by the thick line, but the required values should be obtained by extrapolation downwards or upwards according as the wet bulb is water-covered or ice-covered.



RELATIVE HUMIDITY (Per Cent)

Dry Bulb °F	Depression of the Wet Bulb									
	0·0	0·2	0·4	0·6	0·8	1·0	1·2	1·4	1·6	1·8
32	100	98	96	93	91	89	87	85	82	80
31	99	97	95	93	90	88	86	84	81	79
30	99	97	94	92	90	87	85	83	80	78
29	98	96	94	91	89	87	84	82	79	77
28	98	95	93	91	88	86	83	81	78	76
27	97	95	92	90	87	85	82	80	77	75
26	97	94	92	89	87	84	81	79	76	74
25	96	94	91	88	86	83	81	78	75	73
24	96	93	90	88	85	82	80	77	74	72
23	95	92	90	87	84	81	79	76	73	70
22	95	92	89	86	83	80	78	75	72	69
21	94	91	88	85	82	79	77	74	71	68
20	94	91	88	85	82	79	76	73	70	67
19	93	90	87	84	81	78	74	71	68	65
18	93	89	86	83	80	77	73	70	67	64
17	92	89	86	82	79	76	72	69	66	62
16	92	88	85	81	78	75	71	68	64	61
15	91	88	84	81	77	73	70	66	63	59
14	91	87	83	80	76	72	69	65	61	58
13	90	86	83	79	75	71	67	64	60	56

VAPOUR PRESSURE (Millibars)

Dry Bulb °F	Depression of the Wet Bulb									
	0·0	0·2	0·4	0·6	0·8	1·0	1·2	1·4	1·6	1·8
32	6·1	6·0	5·8	5·7	5·6	5·4	5·3	5·2	5·0	4·9
31	5·8	5·7	5·6	5·4	5·3	5·2	5·0	4·9	4·8	4·6
30	5·6	5·4	5·3	5·2	5·0	4·9	4·8	4·7	4·5	4·4
29	5·3	5·2	5·1	4·9	4·8	4·7	4·6	4·4	4·3	4·2
28	5·1	5·0	4·8	4·7	4·6	4·4	4·3	4·2	4·1	3·9
27	4·8	4·7	4·6	4·5	4·3	4·2	4·1	4·0	3·9	3·7
26	4·6	4·5	4·4	4·3	4·1	4·0	3·9	3·8	3·6	3·5
25	4·4	4·3	4·2	4·0	3·9	3·8	3·7	3·6	3·5	3·3
24	4·2	4·1	4·0	3·9	3·7	3·6	3·5	3·4	3·3	3·1
23	4·0	3·9	3·8	3·7	3·5	3·4	3·3	3·2	3·1	3·0
22	3·8	3·7	3·6	3·5	3·4	3·2	3·1	3·0	2·9	2·8
21	3·6	3·5	3·4	3·3	3·2	3·1	3·0	2·9	2·7	2·6
20	3·5	3·4	3·3	3·1	3·0	2·9	2·8	2·7	2·6	2·5
19	3·3	3·2	3·1	3·0	2·9	2·8	2·6	2·5	2·4	2·3
18	3·2	3·0	2·9	2·8	2·7	2·6	2·5	2·4	2·3	2·2
17	3·0	2·9	2·8	2·7	2·6	2·5	2·4	2·2	2·1	2·0
16	2·9	2·8	2·6	2·5	2·4	2·3	2·2	2·1	2·0	1·9
15	2·7	2·6	2·5	2·4	2·3	2·2	2·1	2·0	1·9	1·8
14	2·6	2·5	2·4	2·3	2·2	2·1	2·0	1·9	1·8	1·7
13	2·5	2·4	2·3	2·2	2·1	2·0	1·8	1·7	1·6	1·5

RELATIVE HUMIDITY (Per Cent)

Dry Bulb °F	Depression of the Wet Bulb									
	2·0	2·2	2·4	2·6	2·8	3·0	3·2	3·4	3·6	3·8
32	78	76	74	72	70	67	65	63	61	59
31	77	75	73	70	68	66	64	62	60	57
30	76	74	71	69	67	65	63	60	58	56
29	75	73	70	68	66	63	61	59	57	54
28	74	71	69	67	64	62	60	57	55	53
27	73	70	68	65	63	60	58	56	53	51
26	71	69	66	64	61	59	56	54	52	49
25	70	68	65	62	60	57	55	52	50	47
24	69	66	64	61	58	56	53	51	48	45
23	68	65	62	59	57	54	51	49	46	43
22	66	63	61	58	55	52	50	47	44	41
21	65	62	59	56	53	51	48	45	42	39
20	64	61	58	55	52	49	46	43	40	37
19	62	59	56	53	50	47	44	41	38	35
18	61	57	54	51	48	45	42	39	35	32
17	59	56	53	49	46	43	40	36	33	30
16	58	54	51	47	44	41	37	34	31	27
15	56	52	49	45	42	39	35	32	28	25
14	54	51	47	43	40	36	33	29	26	22
13	52	49	45	41	38	34	30	27	23	19

VAPOUR PRESSURE (Millibars)

Dry Bulb °F	Depression of the Wet Bulb									
	2·0	2·2	2·4	2·6	2·8	3·0	3·2	3·4	3·6	3·8
32	4·8	4·6	4·5	4·4	4·2	4·1	4·0	3·9	3·7	3·6
31	4·5	4·4	4·3	4·1	4·0	3·9	3·8	3·6	3·5	3·4
30	4·3	4·2	4·0	3·9	3·8	3·6	3·5	3·4	3·3	3·1
29	4·0	3·9	3·8	3·7	3·5	3·4	3·3	3·2	3·1	2·9
28	3·8	3·7	3·6	3·5	3·3	3·2	3·1	3·0	2·8	2·7
27	3·6	3·5	3·4	3·2	3·1	3·0	2·9	2·8	2·7	2·5
26	3·4	3·3	3·2	3·1	2·9	2·8	2·7	2·6	2·5	2·3
25	3·2	3·1	3·0	2·9	2·7	2·6	2·5	2·4	2·3	2·2
24	3·0	2·9	2·8	2·7	2·6	2·4	2·3	2·2	2·1	2·0
23	2·8	2·7	2·6	2·5	2·4	2·3	2·2	2·1	1·9	1·8
22	2·7	2·6	2·5	2·3	2·2	2·1	2·0	1·9	1·8	1·7
21	2·5	2·4	2·3	2·2	2·1	2·0	1·8	1·7	1·6	1·5
20	2·4	2·2	2·1	2·0	1·9	1·8	1·7	1·6	1·5	1·4
19	2·2	2·1	2·0	1·9	1·8	1·7	1·6	1·4	1·3	1·2
18	2·1	2·0	1·8	1·7	1·6	1·5	1·4	1·3	1·2	1·1
17	1·9	1·8	1·7	1·6	1·5	1·4	1·3	1·2	1·1	1·0
16	1·8	1·7	1·6	1·5	1·4	1·3	1·2	1·1	1·0	0·9
15	1·7	1·6	1·5	1·4	1·3	1·2	1·0	0·9	0·8	0·7
14	1·6	1·4	1·3	1·2	1·1	1·0	0·9	0·8	0·7	0·6
13	1·4	1·3	1·2	1·1	1·0	0·9	0·8	0·7	0·6	0·5



## RELATIVE HUMIDITY (Per Cent)

Dry Bulb °F	Depression of the Wet Bulb									
	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8
32	57	55	53	51	49	47	45	43	40	38
31	55	53	51	49	47	45	43	41	38	36
30	54	52	49	47	45	43	41	39	36	34
29	52	50	48	45	43	41	39	36	34	32
28	50	48	46	43	41	39	37	34	32	30
27	48	46	44	41	39	37	34	32	30	27
26	47	44	42	39	37	35	32	30	27	25
25	45	42	40	37	35	32	30	27	25	22
24	43	40	38	35	32	30	27	25	22	20
23	41	38	35	33	30	27	25	22	20	17
22	39	36	33	30	28	25	22	20	17	14
21	36	34	31	28	25	22	20	17	14	11
20	34	31	28	25	22	20	17	14	11	8
19	32	29	26	23	20	17	14	11	8	5
18	29	26	23	20	17	14	11	8	5	2
17	27	24	20	17	14	11	8	4		
16	24	21	17	14	11	8	4			
15	21	18	14	11	8	4				
14	18	15	11	8	4					
13	15	12	8	5						

## VAPOUR PRESSURE (Millibars)

Dry Bulb °F	Depression of the Wet Bulb									
	4·0	4·2	4·4	4·6	4·8	5·0	5·2	5·4	5·6	5·8
32	3·5	3·4	3·2	3·1	3·0	2·8	2·7	2·6	2·5	2·3
31	3·2	3·1	3·0	2·9	2·7	2·6	2·5	2·4	2·3	2·1
30	3·0	2·9	2·8	2·7	2·5	2·4	2·3	2·2	2·0	1·9
29	2·8	2·7	2·6	2·4	2·3	2·2	2·1	2·0	1·9	1·7
28	2·6	2·5	2·4	2·3	2·1	2·0	1·9	1·8	1·7	1·5
27	2·4	2·3	2·2	2·1	1·9	1·8	1·7	1·6	1·5	1·4
26	2·2	2·1	2·0	1·9	1·8	1·6	1·5	1·4	1·3	1·2
25	2·0	1·9	1·8	1·7	1·6	1·5	1·4	1·3	1·1	1·0
24	1·9	1·8	1·7	1·5	1·4	1·3	1·2	1·1	1·0	0·9
23	1·7	1·6	1·5	1·4	1·3	1·2	1·0	0·9	0·8	0·7
22	1·6	1·4	1·3	1·2	1·1	1·0	0·9	0·8	0·7	0·6
21	1·4	1·3	1·2	1·1	1·0	0·9	0·8	0·6	0·5	0·4
20	1·3	1·2	1·0	0·9	0·8	0·7	0·6	0·5	0·4	0·3
19	1·1	1·0	0·9	0·8	0·7	0·6	0·5	0·4	0·3	0·2
18	1·0	0·9	0·8	0·7	0·6	0·5	0·4	0·3	0·2	0·1
17	0·9	0·8	0·7	0·6	0·5	0·4	0·2	0·1		
16	0·8	0·6	0·5	0·4	0·3	0·2	0·1			
15	0·6	0·5	0·4	0·3	0·2	0·1				
14	0·5	0·4	0·3	0·2	0·1					
13	0·4	0·3	0·2	0·1						

## RELATIVE HUMIDITY (Per Cent)

[illegible]

## VAPOUR PRESSURE (Millibars)

[illegible]



DRY BULB 32° to 13°F  
DEP. OF WET 8.0° to 9.8°F

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## RELATIVE HUMIDITY (Per Cent)

[illegible]

## VAPOUR PRESSURE (Millibars)

[illegible]



RELATIVE HUMIDITY (Per Cent)

Dry Bulb °F	Depression of the Wet Bulb									
	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8
12	90	86	82	78	74	70	66	62	58	55
11	89	85	81	77	73	69	65	61	57	53
10	89	85	80	76	72	68	64	59	55	51
9	88	84	80	75	71	66	62	58	54	49
8	88	83	79	74	70	65	61	56	52	47
7	87	83	78	73	69	64	59	55	50	45
6	87	82	77	72	67	63	58	53	48	43
5	86	81	76	71	66	61	56	51	46	41
4	86	81	75	70	65	60	54	49	44	39
3	85	80	75	69	64	58	53	47	42	37
2	85	79	74	68	62	57	51	45	40	34
1	85	79	73	67	61	55	49	43	37	31
0	84	78	72	65	59	53	47	41	34	28

VAPOUR PRESSURE (Millibars)

Dry Bulb °F	Depression of the Wet Bulb									
	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8
12	2.4	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4
11	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3
10	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2
9	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1
8	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0
7	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9
6	1.7	1.6	1.5	1.4	1.3	1.3	1.2	1.1	1.0	0.9
5	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8
4	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7
3	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6
2	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.8	0.7	0.6
1	1.3	1.2	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5
0	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4

RELATIVE HUMIDITY (Per Cent)

Dry Bulb °F	Depression of the Wet Bulb									
	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8
12	51	47	43	39	35	31	28	24	20	16
11	49	45	41	37	33	29	25	21	17	13
10	47	43	39	34	30	26	22	18	14	10
9	45	41	36	32	28	23	19	15	11	6
8	43	38	34	29	25	21	16	12	7	3
7	41	36	31	27	22	18	13	8	4	
6	38	34	29	24	19	14	10	5		
5	36	31	26	21	16	11	6			
4	34	28	23	18	13	8				
3	31	26	20	15	10	4				
2	29	23	17	11	6					
1	25	20	14	8	2					
0	22	16	10	3						

VAPOUR PRESSURE (Millibars)

Dry Bulb °F	Depression of the Wet Bulb									
	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8
12	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4
11	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
10	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
9	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1
8	0.9	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.2	0.1
7	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	
6	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1		
5	0.7	0.6	0.5	0.4	0.3	0.2	0.1			
4	0.6	0.5	0.4	0.3	0.2	0.1				
3	0.5	0.4	0.4	0.3	0.2	0.1				
2	0.5	0.4	0.3	0.2	0.1					
1	0.4	0.3	0.2	0.1						
0	0.3	0.2	0.1							



RELATIVE HUMIDITY (Per Cent)

Dry Bulb °F	Depression of the Wet Bulb									
	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8
12	12	9	5							
11	9	5								
10	6									
9	2									
8										
7										
6										
5										
4										
3										
2										
1										
0										

VAPOUR PRESSURE (Millibars)

Dry Bulb °F	Depression of the Wet Bulb									
	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8
12	0.3	0.2	0.1							
11	0.2	0.1								
10	0.1									
9	0.1									
8										
7										
6										
5										
4										
3										
2										
1										
0										

Negative depression of the Wet Bulb

Dry Bulb °F	RELATIVE HUMIDITY (Per Cent)						VAPOUR PRESSURE (Millibars)					
	Depression of the Wet Bulb						Depression of the Wet Bulb					
	0.0	-0.1	-0.2	-0.3	-0.4	-0.5	0.0	-0.1	-0.2	-0.3	-0.4	-0.5
32	100						6.1					
30	99	100					5.6	5.6				
28	98	99	100				5.1	5.1	5.2			
26	97	98	100				4.6	4.7	4.7			
24	96	97	99	100			4.2	4.3	4.3	4.4		
22	95	96	98	99			3.8	3.9	3.9	4.0		
20	94	95	97	99	100		3.5	3.5	3.6	3.6	3.7	
18	93	94	96	98	100		3.2	3.2	3.3	3.3	3.4	
16	92	94	95	97	99		2.9	2.9	3.0	3.0	3.1	
14	91	93	95	97	99		2.6	2.6	2.7	2.8	2.8	
12	90	92	94	96	98	100	2.4	2.4	2.5	2.5	2.6	2.6
10	89	91	93	96	98	100	2.1	2.2	2.2	2.3	2.3	2.4
8	88	90	93	95	98	100	1.9	2.0	2.0	2.1	2.1	2.2
6	87	90	92	95	98	100	1.7	1.8	1.8	1.9	1.9	2.0
4	86	89	92	95	97	100	1.6	1.6	1.7	1.7	1.8	1.8
2	85	88	91	94	97	100	1.4	1.5	1.5	1.6	1.6	1.7
0	84	87	91	94	97	100	1.3	1.3	1.4	1.4	1.5	1.5



DEW-POINT (°F)

Dry Bulb °F	Depression of the Wet Bulb									
	0	1	2	3	4	5	6	7	8	9
140	140	139	138	137	136	134	133	132	131	130
135	135	134	133	132	131	129	128	127	126	125
130	130	129	128	127	125	124	123	122	121	120
125	125	124	123	122	120	119	118	117	116	115
120	120	119	118	117	115	114	113	112	111	109
118	118	117	116	114	113	112	111	110	109	107
116	116	115	114	112	111	110	109	108	107	105
114	114	113	112	110	109	108	107	106	104	103
112	112	111	110	108	107	106	105	104	102	101
110	110	109	108	106	105	104	103	101	100	99
108	108	107	106	104	103	102	101	99	98	97
106	106	105	104	102	101	100	99	97	96	95
104	104	103	102	100	99	98	97	95	94	93
102	102	101	100	98	97	96	94	93	92	90
100	100	99	97	96	95	94	92	91	90	88
98	98	97	95	94	93	92	90	89	88	86
96	96	95	93	92	91	90	88	87	85	84
94	94	93	91	90	89	87	86	85	83	82
92	92	91	89	88	87	85	84	83	81	80
90	90	89	87	86	85	83	82	80	79	77
Depression of the Wet Bulb										
	10	11	12	13	14	15	16	17	18	19
140	129	128	127	125	124	123	122	121	120	118
135	124	123	121	120	119	118	117	115	114	113
130	119	117	116	115	114	113	111	110	109	108
125	113	112	111	110	109	107	106	105	103	102
120	108	107	106	104	103	102	101	99	98	97
118	106	105	104	102	101	100	98	97	96	94
116	104	103	101	100	99	98	96	95	93	92
114	102	101	99	98	97	95	94	93	91	90
112	100	99	97	96	94	93	92	90	89	87
110	98	96	95	94	92	91	89	88	87	85
108	96	94	93	91	90	89	87	86	84	83
106	93	92	91	89	88	86	85	83	82	80
104	91	90	88	87	86	84	83	81	80	78
102	89	88	86	85	83	82	80	79	77	75
100	87	86	84	83	81	80	78	76	75	73
98	85	83	82	80	79	77	76	74	72	70
96	83	81	80	78	76	75	73	71	70	68
94	80	79	77	76	74	72	71	69	67	65
92	78	77	75	73	72	70	68	66	64	63
90	76	74	73	71	69	68	66	64	62	60

DEW-POINT (°F)

Dry Bulb °F	Depression of the Wet Bulb									
	20	21	22	23	24	25	26	27	28	29
140	117	116	115	113	112	111	110	108	107	106
135	112	111	109	108	107	105	104	103	101	100
130	106	105	104	102	101	100	98	97	95	94
125	101	99	98	97	95	94	92	91	89	88
120	95	94	92	91	89	88	86	85	83	82
118	93	91	90	89	87	86	84	82	81	79
116	91	89	88	86	85	83	81	80	78	76
114	88	87	85	84	82	81	79	77	75	74
112	86	84	83	81	80	78	76	74	73	71
110	84	82	80	79	77	75	74	72	70	68
108	81	80	78	76	74	73	71	69	67	65
106	79	77	75	74	72	70	68	66	64	62
104	76	75	73	71	69	67	65	63	61	59
102	74	72	70	68	66	64	62	60	58	55
100	71	69	68	66	64	61	59	57	54	52
98	69	67	65	63	61	58	56	53	51	48
96	66	64	62	60	57	55	53	50	47	44
94	63	61	59	57	54	52	49	46	43	39
92	60	58	56	54	51	48	45	42	38	35
90	58	55	53	50	48	45	41	38	34	29
Depression of the Wet Bulb										
	30	31	32	33	34	35	36	37	38	39
140	104	103	102	100	99	97	96	94	93	91
135	99	97	96	94	93	91	90	88	86	85
130	93	91	89	88	86	85	83	81	80	78
125	86	85	83	81	80	78	76	74	72	70
120	80	78	76	74	73	71	69	66	64	62
118	77	75	74	72	70	68	65	63	61	58
116	74	73	71	69	67	64	62	60	57	54
114	72	70	68	66	63	61	59	56	53	50
112	69	67	64	62	60	57	55	52	49	46
110	66	64	61	59	56	54	51	48	44	41
108	63	60	58	55	53	50	47	43	39	35
106	59	57	54	52	49	46	42	38	34	29
104	56	53	51	48	44	41	37	32	27	21
102	53	50	47	43	40	35	31	25	19	9
100	49	46	42	38	34	29	24	17	7	-9
98	45	41	37	33	28	22	15	5	-13	
96	40	36	32	27	21	13	2	-19		
94	35	31	26	20	12	0	-22			
92	30	25	19	10	-3	-32				
90	23	17	8	-5	-39					



DEW-POINT (°F)

Dry Bulb °F	Depression of the Wet Bulb									
	40	41	42	43	44	45	46	47	48	49
140	90	88	86	85	83	81	79	77	75	73
135	83	81	79	78	75	74	71	69	67	64
130	76	74	72	70	67	65	63	60	57	54
125	68	66	63	61	58	55	52	49	46	42
120	59	57	54	51	47	44	39	35	29	22
118	55	53	49	46	42	38	33	27	20	10
116	51	48	45	41	36	31	25	17	7	-13
114	47	43	39	35	29	23	14	2	-22	
112	42	38	33	28	21	12	-1	-39		
110	36	32	26	19	9	-7				
108	30	24	17	6	-13					
106	22	14	2	-22						
104	12	-1	-32							
102	-5	-51								
100										
	Depression of the Wet Bulb									
	50	51	52	53	54	55	56	57	58	59
140	71	69	66	64	61	58	55	52	48	44
135	62	59	56	53	50	46	42	37	31	24
130	51	48	43	39	34	28	21	10	-9	
125	37	32	25	17	5	-19				
120	13	0	-32							
118	-5									
116										
114										
112										
110										
	Depression of the Wet Bulb									
	60	61	62	63	64	65	66	67	68	69
140	40	34	28	20	8	-13				
135	15	1	-39							
130										
125										
120										

DEW-POINT (°F)

Dry Bulb °F	Depression of the Wet Bulb									
	0·0	0·2	0·4	0·6	0·8	1·0	1·2	1·4	1·6	1·8
90	90	90	89	89	89	89	88	88	88	88
89	89	89	88	88	88	88	87	87	87	87
88	88	88	87	87	87	87	86	86	86	86
87	87	87	86	86	86	86	85	85	85	85
86	86	86	85	85	85	85	84	84	84	84
85	85	85	84	84	84	84	83	83	83	83
84	84	84	83	83	83	83	82	82	82	82
83	83	83	82	82	82	82	81	81	81	81
82	82	82	81	81	81	81	80	80	80	80
81	81	81	80	80	80	80	79	79	79	79
80	80	80	79	79	79	79	78	78	78	78
79	79	79	78	78	78	78	77	77	77	76
78	78	78	77	77	77	77	76	76	76	75
77	77	77	76	76	76	76	75	75	75	74
76	76	76	75	75	75	75	74	74	74	73
75	75	75	74	74	74	74	73	73	73	72
74	74	74	73	73	73	73	72	72	72	71
73	73	73	72	72	72	71	71	71	71	70
72	72	72	71	71	71	71	70	70	70	69
71	71	71	70	70	70	69	69	69	69	68
	Depression of the Wet Bulb									
	2·0	2·2	2·4	2·6	2·8	3·0	3·2	3·4	3·6	3·8
90	87	87	87	87	86	86	86	85	85	85
89	86	86	86	86	85	85	85	84	84	84
88	85	85	85	85	84	84	84	83	83	83
87	84	84	84	84	83	83	83	82	82	82
86	83	83	83	82	82	82	82	81	81	81
85	82	82	82	81	81	81	81	80	80	80
84	81	81	81	80	80	80	80	79	79	79
83	80	80	80	79	79	79	79	78	78	78
82	79	79	79	78	78	78	78	77	77	77
81	78	78	78	77	77	77	76	76	76	76
80	77	77	77	76	76	76	75	75	75	75
79	76	76	76	75	75	75	74	74	74	73
78	75	75	75	74	74	74	73	73	73	72
77	74	74	74	73	73	73	72	72	72	71
76	73	73	72	72	72	72	71	71	71	70
75	72	72	71	71	71	71	70	70	70	69
74	71	71	70	70	70	69	69	69	69	68
73	70	70	69	69	69	68	68	68	67	67
72	69	69	68	68	68	67	67	67	66	66
71	68	68	67	67	67	66	66	66	65	65



DEW-POINT (°F)

Dry Bulb °F	Depression of the Wet Bulb									
	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8
90	85	84	84	84	84	83	83	83	82	82
89	84	83	83	83	82	82	82	82	81	81
88	83	82	82	82	81	81	81	81	80	80
87	82	81	81	81	80	80	80	80	79	79
86	80	80	80	80	79	79	79	79	78	78
85	79	79	79	79	78	78	78	77	77	77
84	78	78	78	78	77	77	77	76	76	76
83	77	77	77	76	76	76	76	75	75	75
82	76	76	76	75	75	75	75	74	74	74
81	75	75	75	74	74	74	73	73	73	73
80	74	74	74	73	73	73	72	72	72	71
79	73	73	73	72	72	72	71	71	71	70
78	72	72	71	71	71	71	70	70	70	69
77	71	71	70	70	70	69	69	69	69	68
76	70	70	69	69	69	68	68	68	67	67
75	69	69	68	68	68	67	67	67	66	66
74	68	68	67	67	67	66	66	66	65	65
73	67	67	66	66	65	65	65	64	64	64
72	66	65	65	65	64	64	64	63	63	63
71	65	64	64	64	63	63	63	62	62	61
Depression of the Wet Bulb										
	6.0	6.2	6.4	6.6	6.8	7.0	7.2	7.4	7.6	7.8
90	82	82	81	81	81	80	80	80	80	79
89	81	80	80	80	80	79	79	79	78	78
88	80	79	79	79	79	78	78	78	77	77
87	79	78	78	78	78	77	77	77	76	76
86	78	77	77	77	76	76	76	75	75	75
85	77	76	76	76	75	75	75	74	74	74
84	75	75	75	75	74	74	74	73	73	73
83	74	74	74	73	73	73	72	72	72	72
82	73	73	73	72	72	72	71	71	71	70
81	72	72	72	71	71	71	70	70	70	69
80	71	71	70	70	70	69	69	69	69	68
79	70	70	69	69	69	68	68	68	67	67
78	69	69	68	68	68	67	67	67	66	66
77	68	68	67	67	67	66	66	65	65	65
76	67	66	66	66	65	65	65	64	64	64
75	66	65	65	65	64	64	64	63	63	63
74	64	64	64	64	63	63	62	62	62	61
73	63	63	63	62	62	62	61	61	61	60
72	62	62	62	61	61	61	60	60	59	59
71	61	61	60	60	60	59	59	59	58	58

DEW-POINT (°F)

Dry Bulb °F	Depression of the Wet Bulb									
	8.0	8.2	8.4	8.6	8.8	9.0	9.2	9.4	9.6	9.8
90	79	79	78	78	78	77	77	77	77	76
89	78	78	77	77	77	76	76	76	75	75
88	77	76	76	76	75	75	75	75	74	74
87	76	75	75	75	74	74	74	73	73	73
86	75	74	74	74	73	73	73	72	72	72
85	73	73	73	72	72	72	71	71	71	71
84	72	72	72	71	71	71	70	70	70	69
83	71	71	71	70	70	70	69	69	69	68
82	70	70	69	69	69	68	68	68	67	67
81	69	69	68	68	68	67	67	67	66	66
80	68	68	67	67	67	66	66	65	65	65
79	67	66	66	66	65	65	65	64	64	64
78	66	65	65	64	64	64	63	63	63	62
77	64	64	64	63	63	63	62	62	61	61
76	63	63	63	62	62	61	61	61	60	60
75	62	62	61	61	61	60	60	59	59	59
74	61	61	60	60	59	59	59	58	58	57
73	60	59	59	59	58	58	57	57	57	56
72	59	58	58	57	57	57	56	56	55	55
71	57	57	57	56	56	55	55	55	54	54
Depression of the Wet Bulb										
	10.0	10.2	10.4	10.6	10.8	11.0	11.2	11.4	11.6	11.8
90	76	76	75	75	75	74	74	74	73	73
89	75	74	74	74	73	73	72	72	72	72
88	74	73	73	73	72	72	72	71	71	71
87	72	72	72	71	71	71	71	70	70	69
86	71	71	71	70	70	70	69	69	69	68
85	70	70	69	69	69	69	68	68	67	67
84	69	69	68	68	68	67	67	67	66	66
83	68	68	67	67	67	66	66	65	65	65
82	67	66	66	66	65	65	64	64	64	64
81	66	65	65	64	64	64	63	63	63	62
80	64	64	64	63	63	63	62	62	61	61
79	63	63	62	62	62	61	61	61	60	60
78	62	62	61	61	60	60	60	59	59	58
77	61	60	60	60	59	59	58	58	58	57
76	60	59	59	58	58	58	57	57	56	56
75	58	58	58	57	57	56	56	55	55	55
74	57	57	56	56	55	55	55	54	54	53
73	56	55	55	55	54	54	53	53	52	52
72	55	54	54	53	53	52	52	51	51	51
71	53	53	52	52	52	51	51	50	50	49



DEW-POINT (°F)

Dry Bulb °F	Depression of the Wet Bulb									
	12.0	12.2	12.4	12.6	12.8	13.0	13.2	13.4	13.6	13.8
90	73	72	72	72	71	71	71	70	70	70
89	71	71	71	71	70	70	69	69	69	68
88	70	70	70	69	69	69	68	68	68	67
87	69	69	68	68	68	67	67	67	66	66
86	68	68	67	67	67	66	66	65	65	65
85	67	66	66	66	65	65	64	64	64	63
84	66	65	65	64	64	64	63	63	63	62
83	64	64	64	63	63	63	62	62	61	61
82	63	63	62	62	62	61	61	60	60	60
81	62	61	61	61	60	60	60	59	59	58
80	61	60	60	59	59	59	58	58	57	57
79	59	59	59	58	58	57	57	57	56	56
78	58	58	57	57	56	56	56	55	55	54
77	57	56	56	55	55	55	54	54	53	53
76	55	55	55	54	54	53	53	52	52	52
75	54	54	53	53	52	52	52	51	50	50
74	53	52	52	52	51	50	50	50	49	49
73	52	51	50	50	50	49	49	48	48	47
72	50	50	49	49	48	48	47	47	46	46
71	49	48	48	47	47	46	46	45	45	44
Depression of the Wet Bulb										
	14.0	14.2	14.4	14.6	14.8	15.0	15.2	15.4	15.6	15.8
90	69	69	69	68	68	68	67	67	66	66
89	68	68	67	67	67	66	66	65	65	65
88	67	67	66	66	65	65	65	64	64	64
87	66	65	65	64	64	64	63	63	63	62
86	64	64	64	63	63	62	62	62	61	61
85	63	63	62	62	61	61	61	60	60	59
84	62	61	61	61	60	60	59	59	59	58
83	61	60	60	59	59	58	58	58	57	57
82	59	59	58	58	57	57	56	56	55	55
81	58	57	57	57	56	56	55	55	54	54
80	57	56	56	55	55	54	54	53	53	53
79	55	55	54	54	53	53	52	52	52	51
78	54	53	53	52	52	52	51	50	50	50
77	52	52	52	51	50	50	50	49	48	48
76	51	50	50	50	49	48	48	47	47	47
75	50	49	49	48	48	47	47	46	46	45
74	48	48	47	47	46	46	45	45	44	43
73	47	46	46	45	45	44	43	43	42	42
72	45	45	44	43	43	42	42	41	41	40
71	43	43	42	42	41	41	40	39	39	38

DEW-POINT (°F)

Dry Bulb °F	Depression of the Wet Bulb									
	16.0	16.2	16.4	16.6	16.8	17.0	17.2	17.4	17.6	17.8
90	66	65	65	64	64	64	63	63	63	62
89	64	64	63	63	63	62	62	62	61	61
88	63	63	62	62	61	61	61	60	60	59
87	62	61	61	61	60	60	59	59	58	58
86	60	60	60	59	59	58	58	57	57	57
85	59	59	58	58	57	57	57	56	56	55
84	58	57	57	56	56	55	55	55	54	54
83	56	56	55	55	55	54	54	53	53	52
82	55	55	54	54	53	53	52	52	51	51
81	54	53	53	52	52	51	51	50	50	49
80	52	52	51	50	50	50	49	48	48	48
79	50	50	50	49	48	48	48	47	46	46
78	49	48	48	48	47	47	46	45	45	48
77	48	47	47	46	45	45	44	44	43	43
76	46	45	45	44	44	43	43	42	42	41
75	44	44	43	43	42	42	41	40	40	39
74	43	42	42	41	40	40	39	38	38	37
73	41	41	40	39	39	38	37	37	36	35
72	39	39	38	37	37	36	35	35	34	33
71	37	37	36	36	35	34	34	33	32	31
Depression of the Wet Bulb										
	18.0	18.2	18.4	18.6	18.8	19.0	19.2	19.4	19.6	19.8
90	62	61	61	61	60	60	59	59	58	58
89	60	60	60	59	59	58	58	57	57	57
88	59	59	58	58	57	57	56	56	55	55
87	58	57	57	56	56	55	55	54	54	53
86	56	56	55	55	54	54	53	53	52	52
85	55	54	54	53	53	52	52	51	51	50
84	53	53	52	52	51	51	50	50	49	49
83	52	51	51	50	50	49	49	48	48	47
82	50	50	49	49	48	48	47	47	46	45
81	48	48	48	47	46	46	45	45	44	43
80	47	46	46	45	45	44	43	43	42	42
79	45	45	44	44	43	42	42	41	41	40
78	44	43	42	42	41	41	40	39	39	38
77	42	41	41	40	39	39	38	37	37	36
76	40	39	39	38	37	37	36	35	35	34
75	38	38	37	36	36	35	34	34	33	32
74	36	36	35	34	34	33	32	31	30	29
73	35	34	33	32	32	31	30	29	28	27
72	32	32	31	30	29	29	28	27	26	25
71	30	29	29	28	27	26	25	24	23	22



DRY BULB 90° to 71°F  
DEP. OF WET 20.0° to 23.8°F

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DEW-POINT (°F)

Dry Bulb °F	Depression of the Wet Bulb									
	20.0	20.2	20.4	20.6	20.8	21.0	21.2	21.4	21.6	21.8
90	58	57	57	56	56	55	55	54	54	53
89	56	56	55	55	54	54	53	53	52	52
88	55	54	54	53	53	52	52	51	50	50
87	53	53	52	52	51	50	50	49	49	48
86	51	51	50	50	49	49	48	48	47	47
85	50	49	49	48	48	47	47	46	45	45
84	48	48	47	47	46	45	45	44	43	43
83	47	46	45	45	44	43	43	42	42	41
82	45	44	43	43	42	42	41	40	40	39
81	43	42	42	41	41	40	39	38	38	37
80	41	41	40	39	38	38	37	36	36	35
79	39	39	38	37	36	36	35	34	34	33
78	37	37	36	35	34	34	33	32	31	30
77	35	35	34	33	32	32	31	30	29	28
76	33	32	32	31	30	29	28	27	26	25
75	31	30	29	29	28	27	26	25	23	22
74	29	28	27	26	25	24	23	22	21	19
73	26	25	25	23	22	21	20	19	17	17
72	23	23	22	21	19	18	17	15	14	13
71	21	20	19	17	16	14	13	12	10	8
	Depression of the Wet Bulb									
	22.0	22.2	22.4	22.6	22.8	23.0	23.2	23.4	23.6	23.8
90	53	52	52	51	51	50	50	49	48	48
89	51	51	50	50	49	48	48	47	47	46
88	49	49	48	48	47	47	46	46	45	44
87	48	47	47	46	46	45	44	44	43	42
86	46	45	45	44	44	43	42	42	41	40
85	44	43	43	42	42	41	40	40	39	38
84	42	42	41	40	40	39	38	38	37	36
83	40	40	39	38	38	37	36	35	35	34
82	38	38	37	36	35	35	34	33	32	32
81	36	36	35	34	33	32	32	31	30	29
80	34	34	33	32	31	30	29	28	27	26
79	32	31	30	29	29	28	27	26	25	23
78	29	29	28	27	26	25	23	22	22	21
77	27	26	25	24	23	22	21	19	18	17
76	25	23	22	21	20	19	17	16	14	13
75	21	21	19	18	17	15	13	12	10	9
74	18	17	16	14	13	11	9	8	6	4
73	15	13	12	10	8	7	5	2	0	- 3
72	11	9	7	6	4	1	- 1	- 3	- 7	-11
71	7	5	2	0	- 1	- 5	- 9	-13	-16	-22

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DRY BULB 90° to 71°F  
DEP. OF WET 24.0° to 27.8°F

DEW-POINT (°F)

[illegible]



DEW-POINT (°F)

Dry Bulb °F	Depression of the Wet Bulb									
	28.0	28.2	28.4	28.6	28.8	29.0	29.2	29.4	29.6	29.8
90	34	33	32	31	30	29	28	27	26	25
89	31	30	29	28	27	26	25	24	22	21
88	28	27	26	25	24	23	22	20	19	17
87	25	24	23	22	21	19	18	17	14	13
86	22	21	19	18	17	15	13	12	10	8
85	18	17	15	13	12	10	8	6	4	1
84	14	13	11	9	7	5	2	0	-3	-7
83	9	7	5	2	0	-3	-5	-9	-13	-19
82	4	1	-1	-5	-9	-13	-19	-22	-32	-51
81	-3	-7	-11	-16	-22	-32	-39			
80	-13	-19	-27	-39						
79	-32	-51								
78										
77										
76										
Depression of the Wet Bulb										
30.0 30.2 30.4 30.6 30.8 31.0 31.2 31.4 31.6 31.8										
90	23	22	21	20	19	17	16	14	13	10
89	20	19	17	16	14	13	11	9	7	5
88	16	14	13	11	9	7	5	2	0	-3
87	11	9	7	5	2	0	-3	-7	-11	-16
86	6	4	1	-1	-5	-9	-13	-19	-27	-39
85	-1	-5	-9	-13	-16	-22	-32	-51		
84	-11	-16	-22	-32	-51					
83	-27	-39								
82										
81										
Depression of the Wet Bulb										
32.0 32.2 32.4 32.6 32.8 33.0 33.2 33.4 33.6 33.8										
90	8	6	4	1	-1	-5	-9	-13	-19	-27
89	2	0	-5	-9	-13	-19	-27	-39	-51	
88	-7	-11	-16	-22	-32	-51				
87	-22	-32	-39							
86										

DEW-POINT (°F)

Dry Bulb °F	Depression of the Wet Bulb									
	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8
70	70	70	69	69	69	68	68	68	68	67
69	69	69	68	68	68	67	67	67	67	66
68	68	68	67	67	67	66	66	66	65	65
67	67	67	66	66	66	65	65	65	64	64
66	66	66	65	65	65	64	64	64	63	63
65	65	65	64	64	64	63	63	63	62	62
64	64	64	63	63	62	62	62	62	61	61
63	63	63	62	62	62	61	61	61	60	60
62	62	62	61	61	61	60	60	60	59	59
61	61	61	60	60	60	59	59	59	58	58
60	60	60	59	59	59	58	58	58	57	57
59	59	59	58	58	58	57	57	57	56	56
58	58	58	57	57	57	56	56	55	55	55
57	57	57	56	56	56	55	55	55	54	54
56	56	56	55	55	55	54	54	53	53	53
55	55	55	54	54	54	53	53	52	52	52
54	54	54	53	53	53	52	52	51	51	50
53	53	53	52	52	52	51	51	50	50	49
52	52	52	51	51	50	50	50	49	49	48
51	51	51	50	50	49	49	48	48	48	47
Depression of the Wet Bulb										
2.0 2.2 2.4 2.6 2.8 3.0 3.2 3.4 3.6 3.8										
70	67	67	66	66	66	65	65	65	64	64
69	66	65	65	65	64	64	64	64	63	63
68	65	64	64	64	64	63	63	63	62	62
67	64	63	63	63	62	62	62	61	61	61
66	63	62	62	62	61	61	61	60	60	60
65	62	61	61	61	60	60	60	59	59	58
64	61	60	60	60	59	59	59	58	58	57
63	60	59	59	59	58	58	57	57	57	56
62	59	58	58	57	57	57	56	56	56	55
61	58	57	57	56	56	56	55	55	55	54
60	57	56	56	55	55	55	54	54	53	53
59	55	55	55	54	54	54	53	53	52	52
58	54	54	54	53	53	52	52	52	51	51
57	53	53	53	52	52	51	51	50	50	50
56	52	52	51	51	50	50	50	49	49	48
55	51	51	50	50	50	49	49	48	48	47
54	50	50	49	49	48	48	48	47	47	46
53	49	49	48	48	47	47	47	46	46	45
52	48	48	47	47	46	46	45	45	45	44
51	47	47	46	46	45	45	45	44	43	43



DEW-POINT (°F)

Dry Bulb °F	Depression of the Wet Bulb									
	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8
70	64	63	63	63	62	62	61	61	61	60
69	63	62	62	61	61	61	60	60	60	59
68	61	61	61	60	60	60	59	59	58	58
67	60	60	60	59	59	58	58	58	57	57
66	59	59	58	58	58	57	57	57	56	56
65	58	58	57	57	57	56	56	55	55	55
64	57	57	56	56	55	55	55	54	54	54
63	56	56	55	55	54	54	54	53	53	52
62	55	55	54	54	53	53	52	52	52	51
61	54	53	53	53	52	52	51	51	50	50
60	53	52	52	51	51	50	50	50	49	49
59	52	51	51	50	50	49	49	48	48	48
58	50	50	50	49	49	48	48	47	47	46
57	49	49	48	48	48	47	47	46	46	45
56	48	48	47	47	46	46	45	45	45	44
55	47	47	46	46	45	45	44	44	43	43
54	46	45	45	45	44	43	43	42	42	42
53	45	44	44	43	43	42	42	41	41	40
52	43	43	43	42	42	41	41	40	39	39
51	42	42	41	41	40	40	39	39	38	38
Depression of the Wet Bulb										
	6.0	6.2	6.4	6.6	6.8	7.0	7.2	7.4	7.6	7.8
70	60	60	59	59	59	58	58	57	57	57
69	59	59	58	58	57	57	57	56	56	55
68	58	57	57	57	56	56	55	55	55	54
67	57	56	56	55	55	55	54	54	53	53
66	55	55	55	54	54	53	53	53	52	52
65	54	54	54	53	53	52	52	51	51	50
64	53	53	52	52	52	51	51	50	50	49
63	52	52	51	51	50	50	49	49	48	48
62	51	50	50	49	49	48	48	47	47	47
61	50	49	49	48	48	47	47	46	46	45
60	48	48	48	47	47	46	46	45	45	44
59	47	47	46	46	45	45	44	44	43	43
58	46	46	45	45	44	43	43	43	42	42
57	45	44	44	43	43	42	42	41	41	40
56	43	43	42	42	42	41	40	40	39	39
55	42	42	41	41	40	40	39	38	38	37
54	41	41	40	39	39	38	38	37	36	36
53	40	39	39	38	37	37	36	36	35	35
52	38	38	37	37	36	36	35	34	34	33
51	37	36	36	35	35	34	34	33	32	32

DEW-POINT (°F)

Dry Bulb °F	Depression of the Wet Bulb									
	8.0	8.2	8.4	8.6	8.8	9.0	9.2	9.4	9.6	9.8
70	56	56	55	55	55	54	54	53	53	52
69	55	55	54	54	53	53	53	52	52	51
68	54	53	53	53	52	52	51	51	50	50
67	53	52	52	51	51	50	50	49	49	48
66	51	51	50	50	50	49	49	48	48	47
65	50	50	49	49	48	48	47	47	46	46
64	49	48	48	48	47	47	46	46	45	45
63	48	47	47	46	46	45	45	44	44	43
62	46	46	45	45	44	44	43	43	42	42
61	45	45	44	43	43	42	42	41	41	40
60	44	43	43	42	42	41	41	40	39	39
59	42	42	41	41	40	40	39	38	38	37
58	41	40	40	39	39	38	38	37	36	36
57	40	39	38	38	37	37	36	35	35	34
56	38	38	37	36	36	35	35	34	34	33
55	37	36	36	35	34	34	33	32	32	31
54	35	35	34	34	33	32	32	31	30	29
53	34	33	33	32	32	31	30	29	29	28
52	32	32	31	30	30	29	29	28	27	26
51	31	30	29	29	28	28	27	26	25	24
Depression of the Wet Bulb										
	10.0	10.2	10.4	10.6	10.8	11.0	11.2	11.4	11.6	11.8
70	52	52	51	51	50	50	49	49	48	48
69	51	50	50	49	49	48	48	47	47	46
68	49	49	48	48	48	47	47	46	46	45
67	48	48	47	47	46	46	45	45	44	43
66	47	46	46	45	45	44	44	43	43	42
65	45	45	44	44	43	43	42	42	41	41
64	44	43	43	42	42	41	41	40	40	39
63	43	42	42	41	40	40	39	39	38	37
62	41	41	40	39	39	38	38	37	36	36
61	40	39	38	38	37	37	36	35	35	34
60	38	38	37	36	36	35	35	34	33	32
59	37	36	35	35	34	34	33	32	32	31
58	35	35	34	33	33	32	31	30	30	29
57	34	33	32	32	31	30	29	29	28	27
56	32	32	31	30	29	29	28	27	26	25
55	30	30	29	28	28	27	26	25	24	23
54	29	28	27	27	26	25	24	23	22	21
53	27	26	26	25	23	23	22	21	20	19
52	25	25	23	22	22	21	20	19	18	17
51	23	22	20	21	20	19	17	17	15	14



### Depression of the Wet Bulb

### Depression of the Wet Bulb

[illegible]



DEW-POINT (°F)

Dry Bulb °F	Depression of the Wet Bulb									
	20.0	20.2	20.4	20.6	20.8	21.0	21.2	21.4	21.6	21.8
70	18	17	15	14	13	11	9	7	6	4
69	14	13	12	10	8	7	5	2	0	-1
68	11	9	8	6	4	1	0	-3	-7	-9
67	7	5	2	1	-1	-5	-7	-11	-16	-19
66	2	0	-3	-5	-9	-13	-16	-22	-32	-39
65	-3	-7	-9	-13	-19	-22	-32	-51		
64	-11	-16	-19	-27	-32	-51				
63	-22	-27	-39	-51						
62	-39									
61										
60										
59										
58										
57										
56										
55										
54										
53										
52										
51										
Depression of the Wet Bulb										
Dry Bulb °F	22.0	22.2	22.4	22.6	22.8	23.0	23.2	23.4	23.6	23.8
70	1	-1	-3	-7	-11	-13	-19	-27	-39	-51
69	-5	-9	-11	-16	-22	-32	-39			
68	-13	-19	-22	-32	-51					
67	-27	-39	-51							
66										
65										
64										
63										
62										
61										
60										
59										
58										
57										
56										
55										
54										
53										
52										
51										

DEW-POINT (°F)

Dry Bulb °F	Depression of the Wet Bulb									
	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8
50	50	50	49	49	48	48	48	47	47	46
49	49	48	48	48	47	47	47	46	46	45
48	48	48	47	47	46	46	46	45	45	44
47	47	47	46	46	45	45	44	44	43	43
46	46	46	45	45	44	44	43	43	42	42
45	45	45	44	44	43	43	42	42	42	41
44	44	43	43	43	42	42	41	41	40	40
43	43	43	42	42	41	41	40	40	39	39
42	42	42	41	41	40	40	39	39	38	38
41	41	41	40	40	39	38	38	37	37	36
40	40	39	39	38	38	37	37	36	36	35
39	39	38	38	37	37	36	36	35	35	34
38	38	38	37	36	36	35	35	34	34	33
37	37	36	36	35	35	34	34	33	33	32
36	36	35	35	34	34	33	33	32	32	31
35	35	34	34	34	33	32	32	31	31	30
34	34	34	33	32	32	31	31	30	29	29
33	33	32	32	31	31	30	30	29	29	28
Depression of the Wet Bulb										
Dry Bulb °F	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8
50	46	45	45	45	44	43	43	43	42	42
49	45	44	44	43	43	42	42	42	41	41
48	44	43	43	42	42	41	41	40	40	39
47	43	42	42	41	41	40	40	39	39	38
46	42	41	41	40	39	39	38	38	37	37
45	40	40	39	39	38	38	37	37	36	36
44	39	39	38	38	37	37	36	36	35	35
43	38	38	37	37	36	36	35	34	34	33
42	37	36	36	35	35	34	34	33	33	32
41	36	35	35	34	34	33	33	32	32	31
40	35	34	34	33	33	32	32	31	30	29
39	34	33	33	32	32	31	30	29	29	29
38	33	32	32	31	30	29	29	28	28	27
37	32	31	30	30	29	29	28	27	27	26
36	30	30	29	29	28	27	27	26	25	25
35	29	29	28	28	27	26	26	25	25	24
34	28	28	27	27	26	25	25	24	23	22
33	27	27	26	25	25	24	23	22	22	21

The values of dew-point below the thick zig-zag lines are valid only when the wet bulb is coated with ice. Interpolation should not be made across the interval indicated by the thick line, but the required values should be obtained by extrapolation downwards or upwards according as the wet bulb is water-covered or ice-covered.



DEW-POINT (°F)

Dry Bulb °F	Depression of the Wet Bulb									
	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8
50	41	41	40	40	39	38	38	37	37	36
49	40	39	39	38	38	37	37	36	36	35
48	39	38	38	37	37	36	35	35	34	34
47	37	37	36	36	35	35	34	34	33	32
46	36	36	35	35	34	34	33	32	32	31
45	35	35	34	34	33	32	32	31	30	30
44	34	34	33	32	32	31	30	29	29	28
43	33	32	32	31	30	29	29	28	28	27
42	32	31	30	29	29	28	28	27	26	25
41	30	29	29	28	28	27	26	26	25	24
40	29	28	28	27	26	26	25	24	23	22
39	28	27	26	26	25	24	23	22	22	21
38	26	26	25	24	23	22	22	21	20	19
37	25	24	23	23	22	21	22	21	20	19
36	23	24	23	22	22	21	20	19	18	17
35	23	22	22	21	20	19	18	17	17	15
34	22	21	20	19	18	17	17	16	14	13
33	20	19	19	17	17	16	15	13	13	12
	Depression of the Wet Bulb									
	6.0	6.2	6.4	6.6	6.8	7.0	7.2	7.4	7.6	7.8
50	36	35	35	34	34	33	32	32	31	30
49	35	34	33	33	32	32	31	30	29	29
48	33	32	32	31	31	30	29	29	28	27
47	32	31	30	30	29	29	28	27	26	26
46	30	30	29	29	28	27	26	26	25	24
45	29	29	28	27	26	25	25	23	23	22
44	28	27	26	25	25	23	23	22	21	21
43	26	25	25	24	23	22	21	21	19	19
42	25	24	23	22	21	21	19	19	18	17
41	23	22	21	21	20	19	18	17	16	14
40	22	21	20	19	18	17	16	15	13	13
39	20	19	18	17	16	15	17	15	14	13
38	18	19	18	17	17	15	14	13	12	11
37	18	17	17	15	14	13	12	11	10	8
36	17	15	14	13	12	11	10	9	7	6
35	14	13	13	11	10	9	8	6	5	4
34	13	12	10	9	8	6	5	4	2	0
33	10	9	8	7	5	4	2	1	0	-3

The values of dew-point below the thick zig-zag lines are valid only when the wet bulb is coated with ice. Interpolation should not be made across the interval indicated by the thick line, but the required values should be obtained by extrapolation downwards or upwards according as the wet bulb is water-covered or ice-covered.

DEW-POINT (°F)

Dry Bulb °F	Depression of the Wet Bulb									
	8.0	8.2	8.4	8.6	8.8	9.0	9.2	9.4	9.6	9.8
50	29	29	28	27	27	26	25	24	23	22
49	28	27	27	26	25	24	23	22	21	21
48	26	26	25	24	23	22	21	21	19	19
47	25	24	23	22	21	21	19	19	17	17
46	23	22	21	21	19	19	17	17	15	14
45	21	21	19	19	17	17	15	14	13	12
44	19	19	17	17	15	14	13	12	11	9
43	17	17	15	14	13	12	11	9	8	7
42	16	14	13	12	11	10	8	7	5	4
41	13	13	11	10	9	7	10	8	7	6
40	12	13	12	11	10	8	7	6	4	2
39	12	11	10	8	7	6	4	2	1	-1
38	10	8	7	6	4	2	1	0	-3	-5
37	7	6	5	2	1	0	-1	-5	-7	-9
36	5	4	1	0	-1	-5	-7	-9	-11	-16
35	1	0	-1	-3	-7	-9	-11	-13	-16	-22
34	-1	-3	-5	-7	-11	-13	-16	-19	-27	-32
33	-5	-7	-9	-13	-16	-19	-22	-27	-32	-51
	Depression of the Wet Bulb									
	10.0	10.2	10.4	10.6	10.8	11.0	11.2	11.4	11.6	11.8
50	21	21	19	19	17	17	15	14	13	12
49	19	19	17	17	15	14	13	12	10	9
48	17	17	15	14	13	12	10	9	7	6
47	15	14	13	12	10	9	7	6	4	2
46	13	12	10	9	7	6	5	2	1	-1
45	10	9	8	6	5	2	1	0	-3	-5
44	8	6	5	4	1	0	-3	-5	-7	-11
43	5	4	1	0	-1	-5	1	-1	-3	-5
42	2	6	4	2	1	-1	-3	-5	-9	-11
41	4	2	1	-1	-3	-5	-9	-11	-13	-19
40	1	-1	-3	-5	-9	-11	-13	-16	-22	-27
39	-3	-5	-7	-11	-13	-16	-19	-27	-32	-39
38	-7	-9	-13	-16	-19	-27	-32	-39	-51	
37	-13	-16	-19	-22	-32	-39	-51			
36	-19	-22	-27	-32	-51					
35	-27	-32	-39							
34	-39	-51								
33										

The values of dew-point below the thick zig-zag lines are valid only when the wet bulb is coated with ice. Interpolation should not be made across the interval indicated by the thick line, but the required values should be obtained by extrapolation downwards or upwards according as the wet bulb is water-covered or ice-covered.



DEW-POINT (°F)

Dry Bulb °F	Depression of the Wet Bulb									
	12.0	12.2	12.4	12.6	12.8	13.0	13.2	13.4	13.6	13.8
50	10	9	7	6	4	2	0	-1	-5	-7
49	7	6	4	2	0	-1	-3	-7	-9	-13
48	4	2	0	-1	-3	-7	-9	-13	-16	-22
47	1	-1	-3	-7	-9	-13	-16	-19	-27	-32
46	-3	-7	-9	-11	-16	-19	-27	-32	-39	
<hr/>										
45	-9	-11	-13	-19	-22	-32	-13	-19	-22	-27
44	-13	-5	-9	-11	-13	-19	-22	-27	-39	-51
43	-9	-11	-13	-19	-22	-27	-39	-51		
42	-13	-19	-22	-27	-39	-51				
41	-22	-27	-32	-51						
40	-32	-39								
39										
38										
37										
36										
<hr/>										
Depression of the Wet Bulb										
	14.0	14.2	14.4	14.6	14.8	15.0	15.2	15.4	15.6	15.8
50	-9	-13	-16	-22	-27	-39	-51			
49	-16	-22	-27	-39	-51					
48	-27	-32	-51							
47	-51									
46										
45										
44										
43										
42										
41										
40										
39										
38										
37										
36										
35										
34										
33										

The values of dew-point below the thick zig-zag line are valid only when the wet bulb is coated with ice. Interpolation should not be made across the interval indicated by the thick line, but the required values should be obtained by extrapolation downwards or upwards according as the wet bulb is water-covered or ice-covered.

DEW-POINT (°F)

Dry Bulb °F	Depression of the Wet Bulb									
	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8
32	32	32	31	30	30	29	29	28	27	27
31	31	30	30	29	29	28	27	27	26	25
30	30	29	29	28	27	27	26	25	25	24
29	29	28	27	27	26	26	25	24	23	23
28	27	27	26	26	25	24	24	23	22	21
<hr/>										
27	26	26	25	24	24	23	22	22	21	20
26	25	25	24	23	23	22	21	20	20	19
25	24	23	23	22	21	21	20	19	18	17
24	23	22	22	21	20	19	19	18	17	16
23	22	21	20	20	19	18	17	17	16	15
<hr/>										
22	21	20	19	18	18	17	16	15	14	13
21	20	19	18	17	16	16	15	14	13	12
20	18	18	17	16	15	14	13	13	12	11
19	17	17	16	15	14	13	12	11	10	9
18	16	15	15	14	13	12	11	10	9	8
<hr/>										
17	15	14	13	13	12	11	10	9	7	6
16	14	13	12	11	10	9	8	7	6	5
15	13	12	11	10	9	8	7	6	5	3
14	12	11	10	9	8	7	6	4	3	2
13	11	10	9	8	7	5	4	3	2	0
<hr/>										
Depression of the Wet Bulb										
	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8
32	26	25	25	24	23	22	22	21	20	19
31	25	24	23	23	22	21	20	19	19	18
30	23	23	22	21	20	20	19	18	17	16
29	22	21	21	20	19	18	17	16	16	15
28	21	20	19	18	17	17	16	15	14	13
<hr/>										
27	19	19	18	17	16	15	14	13	12	11
26	18	17	16	15	15	14	13	12	11	9
25	17	16	15	14	13	12	11	10	9	8
24	15	14	13	13	11	10	9	8	7	6
23	14	13	12	11	10	9	8	7	5	4
<hr/>										
22	13	12	10	9	8	7	6	5	3	2
21	11	10	9	8	7	6	4	3	2	0
20	10	9	7	6	5	4	2	1	-1	-2
19	8	7	6	5	3	2	1	-1	-2	-4
18	7	6	4	3	2	0	-1	-3	-5	-7
<hr/>										
17	5	4	3	1	0	-2	-3	-5	-7	-9
16	4	2	1	-1	-2	-4	-5	-7	-9	-12
15	2	1	-1	-2	-4	-6	-8	-9	-12	-15
14	0	-1	-2	-4	-6	-8	-10	-12	-15	-18
13	-1	-2	-4	-6	-8	-10	-12	-15	-18	-21



DRY BULB 32° to 13°F  
DEP. OF WET 4.0° to 9.8°F

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DEW-POINT (°F)

Dry Bulb °F	Depression of the Wet Bulb									
	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8
32	18	18	17	16	15	14	13	12	11	10
31	17	16	15	14	13	12	11	10	9	7
30	15	14	13	12	11	10	9	8	7	5
29	14	13	12	10	9	8	7	6	4	3
28	12	11	10	9	7	6	5	3	2	0
27	10	9	8	7	5	4	3	1	-1	-2
26	8	7	6	5	3	2	0	-1	-3	-5
25	7	5	4	3	1	-1	-2	-4	-6	-8
24	5	3	2	0	-1	-3	-5	-7	-9	-11
23	3	1	0	-2	-4	-5	-8	-10	-12	-15
22	1	-1	-2	-4	-6	-8	-11	-13	-16	-20
21	-1	-3	-5	-7	-9	-11	-14	-17	-21	-25
20	-4	-5	-8	-10	-12	-15	-18	-22	-26	-32
19	-6	-8	-10	-13	-16	-19	-22	-27	-33	-41
18	-9	-11	-13	-16	-19	-23	-28	-35	-43	
17	-11	-14	-17	-20	-24	-29	-35	-44		
16	-14	-17	-20	-25	-29	-36	-45			
15	-17	-21	-25	-30	-37	-46				
14	-21	-25	-30	-37	-48					
13	-25	-31	-37	-48						
Dry Bulb °F	Depression of the Wet Bulb									
	6.0	6.2	6.4	6.6	6.8	7.0	7.2	7.4	7.6	7.8
32	8	7	6	4	3	1	0	-2	-4	-6
31	6	5	3	2	0	-1	-3	-5	-8	-10
30	4	2	1	-1	-3	-5	-7	-9	-12	-15
29	1	0	-2	-4	-6	-8	-10	-13	-16	-20
28	-1	-3	-5	-7	-9	-12	-15	-18	-22	-27
27	-4	-6	-8	-10	-13	-16	-20	-24	-29	-37
26	-7	-9	-12	-15	-18	-22	-27	-33	-41	
25	-10	-13	-16	-19	-23	-29	-35	-45		
24	-14	-17	-21	-25	-31	-38	-51			
23	-18	-22	-27	-33	-42					
22	-23	-29	-35	-45						
21	-30	-37	-49							
20	-39	-51								
Dry Bulb °F	Depression of the Wet Bulb									
	8.0	8.2	8.4	8.6	8.8	9.0	9.2	9.4	9.6	9.8
32	-8	-11	-14	-17	-21	-26	-32	-41		
31	-13	-16	-19	-24	-29	-37	-49			
30	-18	-22	-27	-33	-43					
29	-25	-30	-37	-49						
28	-33	-42								
27	-49									

87

DRY BULB 12° to 0°F  
DEP. OF WET 0.0° to 5.8°F

DEW-POINT (°F)

Dry Bulb °F	Depression of the Wet Bulb									
	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8
12	10	9	8	6	5	4	3	2	0	-1
11	8	7	6	5	4	3	2	0	-1	-3
10	7	6	5	4	3	1	0	-1	-3	-3
9	6	5	4	3	1	0	-1	-3	-4	-6
8	5	4	3	2	0	-1	-3	-4	-6	-8
7	4	3	2	0	-1	-2	-4	-6	-8	-9
6	3	2	0	-1	-2	-4	-6	-7	-9	-11
5	2	0	-1	-2	-4	-5	-7	-9	-11	-13
4	1	-1	-2	-3	-5	-7	-9	-11	-13	-15
3	0	-2	-3	-5	-6	-8	-10	-12	-15	-17
2	-1	-3	-4	-6	-8	-10	-12	-14	-17	-20
1	-2	-4	-5	-7	-9	-11				
0	-4									
Dry Bulb °F	Depression of the Wet Bulb									
	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8
12	-3	-4	-6	-8	-10	-13	-15	-18	-21	-26
11	-4	-6	-8	-10	-13	-15	-18	-21	-25	-30
10	-6	-8	-10	-12	-15	-18	-21	-25	-30	-36
9	-8	-10	-12	-15	-17	-21	-25	-30	-35	-44
8	-10	-12	-15	-17	-20	-25	-29	-35	-43	
7	-12	-14	-17	-20	-23	-28	-34	-41		
6	-14	-16	-19	-23	-27	-33	-40	-51		
5	-16	-19	-22	-27	-31	-38	-48			
4	-18	-21	-25	-30	-36	-45				
3	-21	-25	-29	-35	-42					
2	-23									
1										
0										
Dry Bulb °F	Depression of the Wet Bulb									
	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8
12	-31	-37	-46							
11	-37	-46								
10	-45									
9										
8										
7										
6										
5										
4										
3										
2										
1										
0										







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