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METEOROLOGICAL OFFICE

AVERAGES OF HUMIDITY
FOR THE BRITISH ISLES

LONDON

HER MAJESTY'S STATIONERY OFFICE

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AVERAGES OF HUMIDITY FOR THE BRITISH ISLES

INTRODUCTION

1. GENERAL ARRANGEMENT OF THE VOLUME

The present volume gives information in regard to the geographical, seasonal and diurnal variations of atmospheric humidity in the British Isles in the form of tables and charts comprising :—

Table I.—Averages of temperature, relative humidity, vapour pressure and moisture content at 13h. G.M.T., supplemented by averages of relative humidity at 7h. and 18h. for 44 stations.

Table II.—Hourly averages of relative humidity for nine stations.

Table III.—Hourly averages of vapour pressure for two stations.

Monthly and annual charts showing the average distribution of relative humidity and of vapour pressure at 13h.

2. SOURCES OF INFORMATION

Humidity data for stations in the British Isles have been derived in three ways :—

(1) Eye readings at fixed hours of dry-bulb and wet-bulb thermometers exposed in standard screens with their bulbs four feet above ground.

(2) Hourly tabulations of records from photographic dry-bulb and wet-bulb thermographs in north-wall screens, standardised by eye readings of dry-bulb and wet-bulb thermometers at fixed hours.

(3) Hourly tabulations of records from hair hygrometers in standard screens, standardised by eye readings of dry-bulb and wet-bulb thermometers at fixed hours.

The "standard screens" referred to under headings (1) and (3) are either Stevenson screens as described in the "Meteorological Observer's Handbook" or screens similar in general design but having a breadth of 41 in., in order to provide accommodation for a thermograph and a hair hygrometer in addition to the usual four thermometers.

In general, the values printed in Table I have been computed from eye readings of dry-bulb and wet-bulb thermometers at the stated hours. The values for Fort William, Glasgow, Oxford and Falmouth have been derived from published hourly tabulations of photographic records. At these stations, and also at Aberdeen, Kew and Valentia, the instruments are exposed in north-wall screens. At Eskdalemuir, the instruments

are in a large louvered screen standing in the open. With these exceptions the stations included in Table I are "synoptic" stations at which 7h., 13h. and 18h. G.M.T. are standard hours of observation, and they are equipped with standard screens.

The hourly averages of relative humidity given in Table II are taken for the most part from previously published averages of relative humidity or of dry-bulb and wet-bulb temperature. Further details are given under the heading "Notes on Table II".

The hourly averages of vapour pressure given in Table III for Kew Observatory are taken from the "Meteorological Glossary" (Fourth issue, 1918). The values for Eskdalemuir were computed for this publication from the hourly averages of dry-bulb temperature and relative humidity.

3. NOTES ON TABLE I

For this table, the period 1921-35 has been adopted as the standard period. This decision was due mainly to the fact that for many of the stations included, the records began about the year 1921. Averages are given for all stations having at least ten years of observations within the standard period. In addition, averages referring to the following periods of years at certain stations have been included in order to improve the geographical representation :—

Fort William	..	..	..	1891-1903
Dalwhinnie..	..	..	..	1931-1936
Tiree	..	..	..	1927-1936
Glasgow	..	..	..	1868-1912
Oxford (Radcliffe Observatory)	..			1880-1887 ; 1900-1905
Falmouth	..	..	..	1896-1910
Aldergrove	..	..	..	1927-1936
Blacksod Point	..	..	..	1929-1935

In all cases the values given are simple averages for the stated periods. No attempt has been made to reduce all the results to the standard period by "weighting" the values derived from non-standard periods.

For most stations the averages are based on the monthly means as published in *The Monthly Weather Report*, Table IV. Two different methods have been in use for the computation of monthly means of relative humidity and vapour pressure, namely—

First method :—At certain stations the relative humidity and vapour pressure are computed at each observation, and the monthly means are averages of the daily values.

Second method :—For other stations the mean values of dry-bulb and wet-bulb temperature at each hour of observation are taken out at the end of the month, and the mean relative humidity and vapour pressure are computed therefrom.

Stations where the first method, which is clearly the more accurate, has been employed are indicated in Table I by the letter H.

For Fort William, Glasgow and Falmouth the values of relative humidity given in Table I are taken direct from Table II. The averages of vapour pressure were computed from these values combined with averages of temperature at 13h. given in the publications referred to under the heading "Notes on Table II".

In all cases the averages of moisture-content at 13h. were computed from the averages of temperature and vapour pressure at that hour.

4. NOTES ON TABLE II

The hourly averages of relative humidity printed in Table II are derived in the main from previously published data. The following are the relevant particulars for each of the stations included :—

Fort William.—The values were computed from the averages of dry-bulb temperature and wet-bulb temperature for the period 1891–1903 published in *Transactions of the Royal Society of Edinburgh*, Vol. 43, 1905. The computations were made by slide-rule utilising the formulae of "Hygrometric Tables", 3rd edition, 1931 (see Methods of Computation, Section 7).

Aberdeen, Kew and Valentia.—The values are reproduced from *Hourly Values from Autographic Records (British Meteorological and Magnetic Year Book, Part IV)*, 1915.

Eskdalemuir and Falmouth.—The values are taken from "The Book of Normals," Section VI.

Glasgow.—The values are taken from *Geophysical Memoirs*, No. 23, 1925.

Sealand and Cranwell.—The values have been computed for this publication from hourly tabulations of hair hygrometers.

It should be noted that in most cases the periods of years covered by the hourly averages in Table II are not the same as the periods used for the derivation of the averages at fixed hours in Table I. Also the tables used in recent years for the determination of relative humidity from dry-bulb and wet-bulb readings differ from those formerly in use. For both these reasons the values printed in Table II for 7h., 13h. and 18h. may differ from the values printed in Table I. In the case of Valentia the differences are unexpectedly large, but the reason for this has not been discovered.

5. NOTES ON TABLE III

In view of the fact that the diurnal variation of vapour pressure is small in all districts it has been thought sufficient to include averages of hourly values at two stations only. Kew Observatory is representative of conditions near sea level in the south of England, while Eskdalemuir is representative of conditions in the southern uplands of Scotland. The sources of data have already been mentioned in Section 2.

6. NOTES ON THE CHARTS

The charts reproduced in this publication are based upon the values printed in Table I, supplemented by values from a few additional stations where readings at 13h. were available only for a few years, or where readings were available for 15h. but not for 13h. The total number of average values entered upon each chart was no more than 50 and it must be realised that only the broader outlines of the geographical distribution can be represented in charts based upon so small a number of stations. The uncertainty is greatest in regions such as northern and western Scotland where there are large areas of high land. Apart from the records from Ben Nevis (1884-1903) the only available data for the high ground were the values for Dalwhinnie (Inverness-shire) (1,176 ft.) covering the six years 1931-36, and for Eskdalemuir Observatory (794 ft.). As it was impracticable in such charts to attempt to include any representation of conditions on high mountain summits the Ben Nevis data were not used. The charts are, therefore, to be regarded as representations of the geographical distribution at low and moderate altitudes.

7. METHODS OF COMPUTATION

Since 1926 the determination of vapour pressure (x) and relative humidity from readings of dry-bulb temperature (t) and wet-bulb temperature (t') has been effected at Meteorological Office stations by means of tables ("Hygrometric Tables", 3rd edition, 1931) which are based on the modified Regnault formula,

$$x = f - A(t - t'),$$

where f is the pressure of saturated vapour at the temperature of the wet bulb (t') and A is a constant. For readings of temperature in degrees Fahrenheit and of vapour pressure in millibars, A has the value 0.444 when t' is 32° F. or above, and 0.400 when t' is below 32° F.

The fundamental values of the pressure of saturated vapour are equivalent to those of Scheel and Heuse, published with the authority of the Reichsanstalt in *Annalen der Physik* 1909 and 1910. For purposes of reference they are reproduced in the Appendix, along with values of the density of saturated vapour in grams per cubic metre.

Prior to the year 1926 the computations were made by reference to Glaisher's Tables. In general the results given by Glaisher's Tables for stated values of dry-bulb and wet-bulb temperature are not the same as those given by the more recent tables. In certain cases the differences are substantial, but within the range of temperature and humidity represented by the monthly average values occurring at stations in the British Isles the change of tables has not greatly affected the deduced values of relative humidity and vapour pressure. It has, therefore, not been thought necessary to re-compute the earlier results, derived from Glaisher's Tables, in order to render the values summarised in this publication entirely homogeneous.

The majority of the entries in Table I rest on "Hygrometric Tables" (3rd edition, 1931) and the majority of the entries in Table II rest on Glaisher's Tables. In order to indicate the order of magnitude of

the differences arising from the change of tables the following passage is quoted from the General Introduction to *The Observatories Year Book, 1935*. "The application of the new tables to the normal hourly values of dry- and wet-bulb temperatures gives results for normal relative humidity which are only slightly different from those which have been published. At Kew Observatory in winter the difference is negligible; in July it does not exceed one per cent. at any hour. The effect is greatest in April, when the published normal values of average relative humidity are reduced by three per cent. at noon and at 16h. and by smaller amounts at other hours."

The values of moisture content given in Table I have been computed from the values of temperature and vapour pressure by means of the formula—

$$s = 216.7 \frac{x}{T}$$

(see "Computer's Handbook", Introduction, p. 16) where x is the vapour pressure, T is the dry-bulb temperature on the Absolute Centigrade scale, and s is the moisture-content in grams per cubic metre.

8. AVERAGES OF SATURATION DEFICIT AND DEW POINT

Readers who desire data in regard to average values of saturation-deficit and dew point at 13h. may obtain the information by referring to Table I and the Appendix, and proceeding as in the following examples, which refer to Eskdalemuir and the month of May.

Saturation deficit in millibars :—

Average temperature at 13h. (Table I)	.. .. =	52.6° F.
Saturation vapour pressure for 52.6° F. (interpolated from Appendix)	.. .. =	13.5 mb.
Average vapour pressure at 13h. (Table I)	.. =	8.8 mb.
Saturation deficit in millibars .. ..	.. =	<u>4.7 mb.</u>

Saturation deficit in grams per cubic metre :—

Saturation moisture content for 52.6° F. (interpolated from Appendix)	.. .. =	10.3 gm./m. ³
Average moisture content at 13h. (Table I)	.. =	6.7 gm./m. ³
Saturation deficit in grams per cubic metre .. ..	.. =	<u>3.6 gm./m.³</u>

Dew Point :—

Average vapour pressure at 13h. (Table I)	.. =	8.8 mb.
Temperature at which 8.8 mb. is the saturation vapour pressure (interpolated from Appendix)	.. =	41.4° F.
and this is the average dew point.		

TABLE I.—AVERAGES OF HUMIDITY AT FIXED HOURS
SCOTLAND, N.

	LERWICK Shetland 60° 9' N., 1° 8' W., 156 ft. 1921-1935						STORNOWAY Hebrides 58° 11' N., 6° 21' W., 34 ft. 1921-1935					
	Averages for 13h.				Rel. Hum.		Averages for 13h.				Rel. Hum.	
	Temp.	Rel. Hum.	Vap. Press.	Moist. Cont.	7h.	18h.	Temp.	Rel. Hum.	Vap. Press.	Moist. Cont.	7h.	18h.
	° F.	%	mb.	gm./m. ³	%	%	° F.	%	mb.	gm./m. ³	%	%
Jan.	41.9	85	7.6	6.0	87	87	42.9	87	8.1	6.3	89	88
Feb.	41.3	84	7.4	5.8	88	87	43.5	83	8.0	6.2	89	87
Mar.	42.1	84	7.6	5.9	88	85	45.0	80	8.2	6.3	89	85
Apr.	44.2	79	7.8	6.0	86	82	47.0	78	8.5	6.6	88	81
May	47.7	79	8.9	6.9	85	82	51.0	76	9.7	7.4	85	79
June	51.8	79	10.4	8.0	85	81	55.0	77	11.3	8.6	86	79
July	55.9	83	12.6	9.6	89	86	58.7	81	13.7	10.4	89	83
Aug.	56.1	82	12.7	9.6	90	86	59.7	80	13.8	10.6	91	85
Sept.	52.4	82	11.3	8.4	89	87	55.1	79	11.7	9.0	91	85
Oct.	48.0	81	9.3	7.2	87	85	50.5	82	10.2	7.9	90	89
Nov.	44.7	85	8.5	6.6	87	87	46.0	85	9.0	6.9	89	88
Dec.	42.6	85	7.9	6.2	87	86	43.4	87	8.3	6.4	89	89
Year	47.4	83	9.3	7.1	87	85	49.7	81	10.0	7.6	89	85

	WICK Caithness 58° 26' N., 3° 5' W., 81 ft. 1925-1935						DALWHINNIE Inverness 56° 56' N., 4° 14' W., 1,176 ft. 1931-1936					
	Averages for 13h.				Rel. Hum.		Averages for 13h.				Rel. Hum.	
	Temp.	Rel. Hum.	Vap. Press.	Moist. Cont.	7h.	18h.	Temp.	Rel. Hum.	Vap. Press.	Moist. Cont.	7h.	18h.
	° F.	%	mb.	gm./m. ³	%	%	° F.	%	mb.	gm./m. ³	%	%
Jan.	41.6	89	7.9	6.2	91	90	37.5	85	6.5	5.1	89	87
Feb.	41.7	90	8.1	6.3	93	91	37.8	83	6.6	5.0	89	88
Mar.	43.4	85	8.2	6.4	91	88	41.4	79	7.0	5.4	91	84
Apr.	45.2	84	8.6	6.7	91	87	44.1	70	6.9	5.3	87	76
May	48.4	85	9.9	7.6	91	87	52.4	63	8.4	6.4	82	68
June	53.0	83	11.6	8.7	89	85	58.8	61	10.4	7.8	79	65
July	57.3	85	13.8	10.4	92	87	60.7	68	12.2	9.2	84	73
Aug.	57.2	87	13.8	10.5	93	88	59.8	70	12.2	9.3	86	75
Sept.	54.7	85	12.3	9.4	93	88	55.2	73	10.9	8.2	90	79
Oct.	48.5	83	10.0	7.5	91	88	46.5	77	8.4	6.4	87	84
Nov.	45.3	85	8.8	6.8	89	88	41.8	82	7.3	5.7	89	87
Dec.	42.3	89	8.1	6.3	90	90	38.5	86	6.9	5.3	89	88
Year	48.3	86	10.1	7.6	91	88	47.9	75	8.6	6.6	87	79

TABLE I.—SCOTLAND, N. AND E.

	FORT WILLIAM Inverness 56° 48' N., 5° 7' W., 42 ft. 1891-1903					H ABERDEEN Aberdeen 57° 10' N., 2° 6' W., 37 ft. 1921-1935				
	Averages for 13h.				Rel. Hum.	Averages for 13h.				Rel. Hum.
	Temp.	Rel. Hum.	Vap. Press.	Moist. Cont.	7h. 18h.	Temp.	Rel. Hum.	Vap. Press.	Moist. Cont.	7h. 18h.
	° F.	%	mb.	gm./m. ³	% %	° F.	%	mb.	gm./m. ³	% %
Jan.	39.8	78	6.6	5.1	82 81	41.5	80	7.0	5.5	84 84
Feb.	40.8	77	6.7	5.2	82 78	41.9	76	6.9	5.4	83 81
Mar.	43.4	71	6.7	5.3	83 73	44.1	73	7.1	5.5	84 78
Apr.	49.2	64	7.6	5.8	80 65	46.3	73	7.8	6.1	84 77
May	54.2	61	8.7	6.6	79 63	50.8	73	9.2	7.1	81 75
June	59.6	67	11.7	8.8	82 67	56.3	71	10.9	8.3	78 73
July	60.7	70	12.7	9.5	84 71	60.8	73	13.2	9.9	82 76
Aug.	59.8	74	13.1	9.8	87 75	60.0	72	12.7	9.6	84 78
Sept.	56.6	74	11.5	8.8	86 76	56.7	73	11.4	8.7	86 80
Oct.	49.7	75	9.2	7.0	84 78	50.9	74	9.4	7.2	86 81
Nov.	45.6	79	8.1	6.3	82 80	44.9	80	8.0	6.3	85 84
Dec.	41.1	82	7.0	5.6	82 81	42.1	80	7.3	5.7	84 82
Year	50.0	73	8.8	6.9	83 74	49.7	75	9.2	7.0	83 79

	INCHKEITH Fife 56° 2' N., 3° 8' W., 190 ft. 1923-1935					H LEUCHARS Fife 56° 23' N., 2° 53' W., 35 ft. 1922-1935				
	Averages for 13h.				Rel. Hum.	Averages for 13h.				Rel. Hum.
	Temp.	Rel. Hum.	Vap. Press.	Moist. Cont.	7h. 18h.	Temp.	Rel. Hum.	Vap. Press.	Moist. Cont.	7h. 18h.
	° F.	%	mb.	gm./m. ³	% %	° F.	%	mb.	gm./m. ³	% %
Jan.	42.1	83	7.6	5.9	88 86	41.7	81	7.4	5.7	87 86
Feb.	41.4	83	7.4	5.7	89 86	42.6	76	7.1	5.5	87 83
Mar.	43.6	78	7.5	5.8	89 81	45.6	71	7.5	5.7	89 81
Apr.	46.3	76	8.1	6.3	87 80	48.2	70	8.1	6.2	86 75
May	50.6	78	9.8	7.5	87 80	52.8	70	9.6	7.3	83 76
June	56.6	75	11.6	8.9	86 77	58.9	68	11.5	8.7	81 73
July	60.4	78	14.0	10.4	90 80	63.1	71	13.9	10.4	86 75
Aug.	59.7	76	13.3	10.1	90 80	62.2	71	13.5	10.2	89 76
Sept.	56.7	77	12.1	9.2	90 80	58.5	71	11.9	9.0	90 80
Oct.	50.9	78	9.9	7.6	87 83	52.0	73	9.8	7.4	89 84
Nov.	44.9	83	8.4	6.5	88 85	45.5	78	8.3	6.3	88 87
Dec.	42.2	85	7.8	6.0	89 87	41.9	82	7.5	5.8	87 86
Year	49.6	79	9.8	7.3	89 82	51.1	73	9.7	7.1	87 80

For explanation of letter H, see Introduction, p. 5.

TABLE I.—SCOTLAND, W.

	TIREE Argyll 56° 32' N., 6° 55' W., 22 ft. 1927-1936					RENFREW (ABBOTSINCH) Renfrew 55° 52' N., 4° 26' W., 19 ft. 1921-1935				
	Averages for 13h.				Rel. Hum.	Averages for 13h.				Rel. Hum.
	Temp.	Rel. Hum.	Vap. Press.	Moist. Cont.	7h. 18h.	Temp.	Rel. Hum.	Vap. Press.	Moist. Cont.	7h. 18h.
	° F.	%	mb.	gm./m. ³	% %	° F.	%	mb.	gm./m. ³	% %
Jan.	43·8	84	8·1	6·3	86 86	41·9	85	7·7	6·0	90 88
Feb.	43·7	81	7·9	6·1	85 84	42·5	78	7·4	5·6	89 84
Mar.	45·8	79	8·3	6·4	88 83	45·8	70	7·4	5·7	90 76
Apr.	47·9	77	8·8	6·7	85 81	49·5	66	8·0	6·1	86 71
May	53·2	77	10·5	8·1	84 80	55·0	66	9·8	7·4	86 71
June	56·6	76	11·9	9·1	84 79	60·4	67	11·8	9·0	85 70
July	59·3	83	14·3	10·7	90 85	63·1	71	14·0	10·4	88 75
Aug.	59·6	82	14·4	10·8	90 84	61·7	73	13·4	10·2	91 77
Sept.	57·2	79	12·6	9·6	87 84	58·3	72	12·1	9·1	92 80
Oct.	51·9	80	10·5	8·0	84 83	51·8	76	10·0	7·6	91 85
Nov.	47·5	81	9·1	7·0	84 84	44·6	83	8·3	6·5	91 89
Dec.	44·7	82	8·3	6·4	85 86	42·2	85	7·8	6·1	90 88
Year	50·9	80	10·4	7·8	86 83	51·4	74	9·8	7·3	89 79
	GLASGOW OBSERVATORY Lanark 55° 53' N., 4° 18' W., 180 ft. 1868-1912					H ESKDALEMUIR OBSERVATORY Dumfries 55° 19' N., 3° 12' W., 794 ft. 1921-1935				
	Averages for 13h.				Rel. Hum.	Averages for 13h.				Rel. Hum.
	Temp.	Rel. Hum.	Vap. Press.	Moist. Cont.	7h. 18h.	Temp.	Rel. Hum.	Vap. Press.	Moist. Cont.	7h. 18h.
	° F.	%	mb.	gm./m. ³	% %	° F.	%	mb.	gm./m. ³	% %
Jan.	40·3	84	7·1	5·6	87 85	39·1	86	7·0	5·5	89 88
Feb.	41·4	80	7·1	5·5	87 83	39·5	79	6·5	5·1	88 84
Mar.	43·8	74	7·2	5·6	86 78	43·4	71	6·8	5·3	88 80
Apr.	48·9	67	7·9	6·1	84 69	46·4	67	7·2	5·6	85 74
May	54·1	65	9·3	7·1	81 66	52·6	65	8·8	6·7	82 71
June	59·7	67	11·8	8·8	82 67	58·1	66	10·9	8·2	81 71
July	61·7	69	13·0	9·7	84 70	61·2	72	13·3	10·0	86 77
Aug.	60·9	71	13·0	9·7	86 74	59·6	73	12·7	9·6	89 80
Sept.	57·1	73	11·7	8·8	88 78	55·9	74	11·3	8·6	90 83
Oct.	50·5	76	9·4	7·3	87 83	49·6	76	9·3	7·1	89 86
Nov.	44·5	81	8·1	6·3	87 85	42·6	82	7·7	5·9	90 87
Dec.	40·9	85	7·4	5·8	87 86	39·4	86	7·1	5·5	90 88
Year	50·3	74	9·1	7·0	86 77	48·8	75	9·1	6·8	87 81

For explanation of letter H, see Introduction, p. 5.

TABLE I.—ENGLAND, N. AND E.

	TYNEMOUTH Northumberland 55° 0' N., 1° 25' W., 108 ft. 1921-1935						SPURN HEAD Yorkshire, E.R. 53° 34' N., 0° 7' E., 29 ft. 1921-1935					
	Averages for 13h.				Rel. Hum.		Averages for 13h.				Rel. Hum.	
	Temp.	Rel. Hum.	Vap. Press.	Moist. Cont.	7h.	18h.	Temp.	Rel. Hum.	Vap. Press.	Moist. Cont.	7h.	18h.
	° F.	%	mb.	gm./m. ³	%	%	° F.	%	mb.	gm./m. ³	%	%
Jan.	42.6	82	7.5	5.9	88	85	41.7	89	8.0	6.2	93	91
Feb.	42.6	79	7.4	5.8	87	83	41.9	85	7.7	6.0	91	90
Mar.	45.3	74	7.6	5.9	87	79	45.0	80	8.1	6.3	91	87
Apr.	47.2	75	8.3	6.4	85	79	48.2	79	9.1	7.0	89	85
May	51.5	75	9.8	7.4	85	77	53.3	79	10.9	8.3	88	83
June	56.9	75	11.8	8.9	83	77	58.9	77	13.1	9.9	87	83
July	61.7	74	14.0	10.5	84	76	63.9	77	15.6	11.6	88	83
Aug.	61.4	75	13.8	10.4	86	79	63.8	77	15.5	11.6	89	83
Sept.	58.5	76	12.6	9.6	89	79	60.6	78	14.0	10.5	90	85
Oct.	53.1	75	10.3	7.8	87	81	54.1	80	11.5	8.7	90	86
Nov.	46.1	81	8.6	6.7	87	84	46.5	85	9.1	7.1	91	89
Dec.	43.2	83	7.9	6.1	87	85	42.3	89	8.1	6.3	92	91
Year	50.9	77	10.0	7.5	87	81	51.2	81	10.7	7.9	90	86

	H CRANWELL Lincoln 53° 2' N., 0° 31' W., 240 ft. 1921-1935						YARMOUTH (GORLESTON) Norfolk 52° 35' N., 1° 43' E., 5 ft. 1921-1935					
	Averages for 13h.				Rel. Hum.		Averages for 13h.				Rel. Hum.	
	Temp.	Rel. Hum.	Vap. Press.	Moist. Cont.	7h.	18h.	Temp.	Rel. Hum.	Vap. Press.	Moist. Cont.	7h.	18h.
	° F.	%	mb.	gm./m. ³	%	%	° F.	%	mb.	gm./m. ³	%	%
Jan.	42.0	86	7.9	6.1	93	91	42.8	87	8.0	6.3	91	88
Feb.	42.3	83	7.7	5.9	93	89	42.6	84	7.8	6.1	90	86
Mar.	47.2	72	7.9	6.2	93	81	45.3	79	8.1	6.3	90	81
Apr.	50.8	72	9.1	6.9	92	78	48.4	78	9.0	6.9	87	79
May	57.5	68	11.0	8.3	88	74	54.1	76	10.9	8.3	85	76
W st Ybr.	63.2	68	13.2	10.0	87	72	60.0	75	13.2	9.9	84	75
W st Ecp.	67.9	65	14.9	11.2	87	69	65.2	74	15.5	11.7	86	75
1935	66.1	69	14.9	11.2	92	75	65.5	72	15.3	11.5	87	75
	61.9	72	13.6	10.2	95	82	62.2	74	14.1	10.6	89	77
	54.4	76	11.1	8.3	94	88	55.4	77	11.5	8.7	89	81
	45.9	85	9.1	6.9	95	92	47.3	85	9.4	7.3	89	87
	41.6	88	7.9	6.1	94	92	42.9	87	8.3	6.4	90	87
	53.4	75	10.7	7.9	92	82	52.7	79	10.9	8.2	88	81

For explanation of letter H, see Introduction, p. 5.

TABLE I.—ENGLAND, E., AND MIDLAND COUNTIES

	FELIXSTOWE Suffolk 51° 57' N., 1° 20' E., 15 ft. 1925-1935						HARROGATE Yorkshire, W.R. 54° 0' N., 1° 33' W., 478 ft. 1925-1934					
	Averages for 13h.				Rel. Hum.		Averages for 13h.				Rel. Hum.	
	Temp.	Rel. Hum.	Vap. Press.	Moist. Cont.	7h. 18h.		Temp.	Rel. Hum.	Vap. Press.	Moist. Cont.	7h. 18h.	
	° F.	%	mb.	gm./m. ³	%	%	° F.	%	mb.	gm./m. ³	%	%
Jan.	42.4	83	7.7	5.9	90	88	41.0	82	7.2	5.6	91	88
Feb.	42.6	79	7.2	5.7	90	85	40.9	80	7.0	5.4	91	87
Mar.	45.8	73	7.6	5.9	89	80	45.1	70	7.2	5.6	88	77
Apr.	49.8	72	8.7	6.8	87	79	48.9	67	7.9	6.1	85	73
May	55.7	70	10.5	8.0	84	75	54.4	67	9.7	7.4	84	71
June	62.1	68	12.8	9.7	82	73	60.2	67	11.9	8.8	82	71
July	67.0	68	15.0	11.4	83	72	64.6	67	14.0	10.4	84	70
Aug.	67.3	66	15.0	11.2	86	74	63.5	68	13.7	10.2	88	74
Sept.	63.3	68	13.5	10.0	88	77	59.6	69	12.1	9.2	89	79
Oct.	55.8	71	10.6	8.2	89	81	51.9	74	9.7	7.4	89	85
Nov.	48.0	81	9.3	7.1	90	86	45.1	82	8.4	6.5	90	89
Dec.	42.4	84	7.7	6.0	89	87	40.8	85	7.4	5.7	91	89
Year	53.5	74	10.5	7.9	87	80	51.3	73	9.7	7.2	88	79
	OXFORD (RADCLIFFE OBSERVATORY) Oxford 51° 46' N., 1° 16' W., 208 ft. 1880-87; 1900-05						H BIRMINGHAM (EDGBASTON) Warwick 52° 29' N., 1° 56' W., 535 ft. 1923-1935					
	Averages for 13h.				Rel. Hum.		Averages for 13h.				Rel. Hum.	
	Temp.	Rel. Hum.	Vap. Press.	Moist. Cont.	7h. 18h.		Temp.	Rel. Hum.	Vap. Press.	Moist. Cont.	7h. 18h.	
	° F.	%	mb.	gm./m. ³	%	%	° F.	%	mb.	gm./m. ³	%	%
Jan.	40.8	82	7.1	5.6	89	89	42.0	82	7.5	5.8	90	85
Feb.	42.6	76	7.1	5.5	90	82	41.8	77	7.1	5.4	88	80
Mar.	46.1	66	7.0	5.4	90	72	46.3	67	7.1	5.5	88	71
Apr.	52.4	61	8.1	6.2	87	65	49.7	66	8.0	6.2	85	68
May	57.7	60	9.8	7.1	83	62	55.9	63	9.6	7.3	82	66
June	64.0	61	12.5	9.3	89	63	62.0	63	11.8	8.9	82	65
July	67.5	60	13.8	10.3	85	61	66.0	65	13.9	10.5	84	65
Aug.	66.1	63	13.8	10.3	87	66	64.9	65	13.5	10.2	87	67
Sept.	61.9	67	12.7	9.5	90	75	60.4	68	12.1	9.1	89	73
Oct.	53.7	73	10.3	7.8	91	83	52.9	73	10.1	7.6	90	81
Nov.	46.3	78	8.3	6.5	90	85	45.8	80	8.5	6.5	90	85
Dec.	41.6	82	7.4	5.7	89	87	41.6	84	7.6	5.8	89	86
Year	53.4	69	9.8	7.4	88	74	52.4	71	9.7	7.2	87	75

For explanation of letter H, see Introduction, p. 5.

TABLE I.—ENGLAND, MIDLAND COUNTIES AND S.E.

	H ROSS-ON-WYE Hereford 51° 55' N., 2° 35' W., 223 ft. 1921-1935						H KEW OBSERVATORY Surrey 51° 28' N., 0° 19' W., 18 ft. 1921-1935					
	Averages for 13h.				Rel. Hum.		Averages for 13h.				Rel. Hum.	
	Temp. Rel. Vap. Moist. Hum. Press. Cont.				7h. 18h.		Temp. Rel. Vap. Moist. Hum. Press. Cont.				7h. 18h.	
	° F.	%	mb.	gm./m. ³	%	%	° F.	%	mb.	gm./m. ³	%	%
Jan.	44.1	79	7.8	6.0	87	83	43.8	81	7.9	6.1	89	84
Feb.	43.8	74	7.2	5.6	87	78	43.8	73	7.3	5.5	87	78
Mar.	47.8	66	7.5	5.7	87	71	48.4	63	7.4	5.7	87	69
Apr.	51.6	63	8.2	6.2	84	67	52.3	62	8.3	6.3	85	66
May	58.1	63	10.3	7.8	82	67	59.9	58	10.3	7.7	81	61
June	64.1	61	12.3	9.2	80	64	65.1	57	12.0	9.0	78	59
July	67.7	62	14.2	10.7	83	65	69.6	57	14.0	10.5	80	59
Aug.	65.8	65	14.0	10.6	87	70	67.8	61	14.0	10.5	85	63
Sept.	62.0	68	12.7	9.6	90	75	63.7	64	12.9	9.6	90	72
Oct.	54.8	72	10.7	8.1	90	81	56.1	70	10.8	8.1	91	80
Nov.	47.1	77	8.6	6.6	89	84	47.4	78	8.8	6.7	90	84
Dec.	43.5	79	7.8	5.9	87	85	43.7	81	8.0	6.1	88	85
Year	54.2	69	10.1	7.5	86	75	55.1	67	10.1	7.6	86	72
	H CROYDON Surrey 51° 21' N., 0° 7' W., 217 ft. 1921-1935						H BIGGIN HILL Kent 51° 19' N., 0° 2' E., 567 ft. 1921-1935					
	Averages for 13h.				Rel. Hum.		Averages for 13h.				Rel. Hum.	
	Temp. Rel. Vap. Moist. Hum. Press. Cont.				7h. 18h.		Temp. Rel. Vap. Moist. Hum. Press. Cont.				7h. 18h.	
	° F.	%	mb.	gm./m. ³	%	%	° F.	%	mb.	gm./m. ³	%	%
Jan.	43.6	81	8.0	6.1	91	87	42.1	84	7.7	5.9	92	89
Feb.	43.4	75	7.4	5.6	90	82	41.8	79	7.1	5.5	91	84
Mar.	48.2	64	7.5	5.7	90	74	46.3	68	7.3	5.6	90	77
Apr.	52.0	63	8.4	6.3	87	70	49.9	68	8.3	6.4	88	73
May	59.3	61	10.5	7.9	84	66	57.1	66	10.5	8.0	86	71
June	64.7	60	12.3	9.3	81	64	62.9	66	12.5	9.6	84	70
July	69.2	60	14.3	10.8	83	64	67.1	65	14.4	11.0	86	70
Aug.	67.5	63	14.3	10.8	87	69	65.5	68	14.4	10.8	89	74
Sept.	63.7	65	13.1	9.8	91	76	61.7	70	13.1	9.8	92	80
Oct.	56.0	70	10.9	8.1	91	82	54.2	74	10.7	8.1	92	85
Nov.	47.2	79	8.9	6.8	91	86	45.7	82	8.6	6.6	92	88
Dec.	43.2	83	8.0	6.1	90	87	41.6	85	7.7	5.9	92	89
Year	54.8	69	10.3	7.7	88	76	53.0	73	10.2	7.6	89	79

For explanation of letter H, see Introduction, p. 5.

TABLE I.—ENGLAND, S.E.

	DUNGENESS Kent 50° 55' N., 0° 58' E., 20 ft. 1921-29; 1931-35					H LYMPNE Kent 51° 5' N., 1° 1' E., 346 ft. 1921-1935				
	Averages for 13h.				Rel. Hum.	Averages for 13h.				Rel. Hum.
	Temp.	Rel. Hum.	Vap. Press.	Moist. Cont.	7h. 18h.	Temp.	Rel. Hum.	Vap. Press.	Moist. Cont.	7h. 18h.
	° F.	%	mb.	gm./m. ³	% %	° F.	%	mb.	gm./m. ³	% %
Jan.	43.5	88	8.5	6.6	93 91	42.4	85	7.9	6.1	92 89
Feb.	43.6	85	8.2	6.4	92 89	42.3	79	7.5	5.6	90 85
Mar.	46.4	82	8.8	6.8	93 88	46.1	72	7.8	5.9	90 82
Apr.	50.0	79	9.8	7.5	90 84	49.9	71	8.7	6.7	88 78
May	55.7	77	11.6	8.8	87 82	56.4	71	10.9	8.4	87 76
June	60.5	78	14.1	10.6	86 83	61.5	71	13.1	9.9	86 77
July	65.3	79	16.7	12.4	88 84	66.7	68	15.1	11.3	87 75
Aug.	65.7	78	16.6	12.5	89 83	65.7	70	15.1	11.2	90 78
Sept.	63.1	78	15.4	11.4	91 83	62.3	70	13.5	10.0	91 82
Oct.	56.7	79	12.3	9.3	91 85	55.2	74	11.1	8.3	91 85
Nov.	48.5	84	9.8	7.5	91 87	46.7	82	9.0	6.9	90 88
Dec.	44.2	87	8.6	6.7	91 90	42.3	85	8.0	6.1	91 89
Year	53.6	81	11.7	8.6	90 86	53.1	75	10.6	7.9	89 82

	CALSHOT Hampshire 50° 49' N., 1° 18' W., 8 ft. 1921-1935					H SOUTH FARNBOROUGH Hampshire 51° 17' N., 0° 45' W., 237 ft. 1921-1935				
	Averages for 13h.				Rel. Hum.	Averages for 13h.				Rel. Hum.
	Temp.	Rel. Hum.	Vap. Press.	Moist. Cont.	7h. 18h.	Temp.	Rel. Hum.	Vap. Press.	Moist. Cont.	7h. 18h.
	° F.	%	mb.	gm./m. ³	% %	° F.	%	mb.	gm./m. ³	% %
Jan.	44.8	81	8.2	6.3	89 86	43.9	82	8.1	6.2	93 88
Feb.	44.3	76	7.7	5.8	88 82	44.1	75	7.5	5.7	91 83
Mar.	47.3	71	8.0	6.1	88 78	49.1	63	7.6	5.8	92 74
Apr.	51.3	69	8.9	6.8	86 74	53.0	62	8.6	6.5	89 70
May	57.6	69	11.1	8.5	84 73	60.4	61	11.0	8.2	86 67
June	63.5	68	13.4	10.2	82 72	66.1	60	13.0	9.9	83 64
July	67.4	69	15.6	11.8	85 74	70.5	59	14.6	11.0	85 65
Aug.	66.2	71	15.5	11.6	88 76	68.5	63	14.7	11.2	91 70
Sept.	63.1	71	14.1	10.4	89 79	64.4	67	13.6	10.3	95 78
Oct.	56.8	74	11.5	8.8	89 82	56.6	72	11.3	8.5	95 85
Nov.	48.9	78	9.2	7.1	89 84	47.6	80	9.0	6.9	93 89
Dec.	45.0	82	8.4	6.5	88 86	43.6	83	8.2	6.2	92 89
Year	54.7	72	10.9	8.0	87 79	55.7	69	10.6	7.9	90 77

For explanation of letter H, see Introduction, p. 5.

TABLE I.—ENGLAND, S.E., N.W., AND WALES

	H LARKHILL Wiltshire 51° 11' N., 1° 48' W., 440 ft. 1921-1935						H SOUTHPORT Lancashire 53° 37' N., 3° 0' W., 35 ft. 1924-1935					
	Averages for 13h.				Rel. Hum.		Averages for 13h.				Rel. Hum.	
	Temp.	Rel. Hum.	Vap. Press.	Moist. Cont.	7h.	18h.	Temp.	Rel. Hum.	Vap. Press.	Moist. Cont.	7h.	18h.
	° F.	%	mb.	gm./m. ³	%	%	° F.	%	mb.	gm./m. ³	%	%
Jan.	43.1	85	8.1	6.2	..	..	42.6	84	7.9	6.1	..	..
Feb.	43.2	78	7.5	5.7	..	..	42.8	79	7.5	5.7	..	..
Mar.	47.5	67	7.5	5.8	..	..	46.8	71	7.7	6.0	..	..
Apr.	50.9	67	8.5	6.5	..	..	50.4	69	8.7	6.5	..	..
May	57.9	66	10.9	8.2	..	..	56.5	68	10.5	8.0	..	..
June	63.6	64	12.6	9.6	..	..	61.9	68	12.9	9.7	..	..
July	67.4	64	14.5	10.9	..	..	64.9	71	14.9	11.2	..	..
Aug.	65.7	67	14.3	10.8	..	..	64.1	72	14.7	11.0	..	..
Sept.	62.1	69	13.0	9.8	..	..	60.7	71	13.0	9.7	..	..
Oct.	54.9	73	10.9	8.2	..	..	53.7	75	10.8	8.1	..	..
Nov.	46.7	81	8.8	6.8	..	..	46.8	82	9.1	6.9	..	..
Dec.	42.7	85	8.1	6.2	..	..	42.7	84	8.0	6.1	..	..
Year	53.8	72	10.4	7.7	..	..	52.9	75	10.5	7.7	..	..
	LIVERPOOL (BIDSTON) Cheshire 53° 24' N., 3° 4' W., 198 ft. 1922-1934						H SEALAND Flint 53° 13' N., 3° 0' W., 16 ft. 1922-1935					
	Averages for 13h.				Rel. Hum.		Averages for 13h.				Rel. Hum.	
	Temp.	Rel. Hum.	Vap. Press.	Moist. Cont.	7h.	18h.	Temp.	Rel. Hum.	Vap. Press.	Moist. Cont.	7h.	18h.
	° F.	%	mb.	gm./m. ³	%	%	° F.	%	mb.	gm./m. ³	%	%
Jan.	42.7	82	7.6	5.9	88	85	44.1	79	7.8	6.0	86	83
Feb.	42.2	78	7.1	5.5	88	83	44.2	73	7.4	5.6	86	80
Mar.	45.3	71	7.3	5.6	86	75	47.6	67	7.7	5.8	88	75
Apr.	48.6	68	7.8	6.1	84	72	50.9	64	8.3	6.2	85	71
May	54.7	68	9.9	7.6	83	71	57.0	65	10.4	7.8	84	70
June	59.7	68	11.8	8.9	80	76	62.3	65	12.5	9.3	81	70
July	63.0	72	14.2	10.6	83	72	65.6	67	14.3	10.8	83	71
Aug.	62.0	73	13.7	10.4	87	74	64.8	68	14.2	10.6	87	72
Sept.	58.9	72	12.2	9.3	87	76	61.3	68	12.7	9.4	90	77
Oct.	52.5	75	10.1	7.7	87	81	54.3	72	10.5	7.9	88	82
Nov.	46.1	81	8.6	6.6	88	84	47.3	78	8.8	6.7	88	85
Dec.	42.9	84	7.9	6.1	89	86	43.9	80	7.9	6.1	87	85
Year	51.5	74	9.9	7.4	86	77	53.6	70	10.2	7.5	86	76

For explanation of letter H, see Introduction, p. 5.

Averages of Humidity for the British Isles

TABLE I.—WALES AND ENGLAND, S.W.

	H HOLYHEAD Anglesey 53° 19' N., 4° 37' W., 26 ft. 1921-1935						ST. ANN'S HEAD Pembroke 51° 41' N., 5° 11' W., 142 ft. 1921-31 ; 1933-35					
	Averages for 13h.				Rel. Hum.		Averages for 13h.				Rel. Hum.	
	Temp.	Rel. Hum.	Vap. Press.	Moist. Cont.	7h.	18h.	Temp.	Rel. Hum.	Vap. Press.	Moist. Cont.	7h.	18h.
	° F.	%	mb.	gm./m. ³	%	%	° F.	%	mb.	gm./m. ³	%	%
Jan.	45.5	85	8.9	6.8	89	87	45.7	88	9.1	7.1	90	88
Feb.	44.8	81	8.3	6.3	87	85	44.5	87	8.6	6.7	90	88
Mar.	46.7	77	8.4	6.5	87	82	46.4	82	8.8	6.8	90	85
Apr.	48.9	78	9.2	7.1	87	82	48.9	81	9.6	7.4	90	83
May	53.3	79	11.1	8.3	88	82	53.2	82	11.3	8.6	88	83
June	57.9	80	13.1	9.9	88	82	57.9	83	13.6	10.3	88	83
July	61.3	82	15.1	11.4	90	85	61.4	83	15.5	11.6	90	85
Aug.	61.4	81	14.9	11.2	90	85	61.0	84	15.3	11.5	90	85
Sept.	59.4	79	13.6	10.3	88	84	59.6	82	14.3	10.8	89	86
Oct.	54.6	79	11.6	8.8	86	83	55.1	83	12.2	9.3	88	86
Nov.	48.9	81	9.7	7.3	86	84	49.1	85	10.2	7.8	88	86
Dec.	46.2	85	9.1	7.0	88	86	46.4	87	9.4	7.2	90	89
Year	52.4	81	11.1	8.3	88	84	52.4	84	11.6	8.7	89	85
	PORTLAND BILL Dorset 50° 32' N., 2° 27' W., 32 ft. 1921-1935						H PLYMOUTH (MOUNT BATTEN) Devon 50° 22' N., 4° 8' W., 82 ft. 1921-1935					
	Averages for 13h.				Rel. Hum.		Averages for 13h.				Rel. Hum.	
	Temp.	Rel. Hum.	Vap. Press.	Moist. Cont.	7h.	18h.	Temp.	Rel. Hum.	Vap. Press.	Moist. Cont.	7h.	18h.
	° F.	%	mb.	gm./m. ³	%	%	° F.	%	mb.	gm./m. ³	%	%
Jan.	46.1	84	8.9	6.9	86	85	46.5	83	9.1	6.9	89	86
Feb.	44.7	83	8.3	6.5	86	84	45.6	78	8.3	6.3	88	82
Mar.	46.4	81	8.6	6.7	85	83	47.8	74	8.5	6.4	88	79
Apr.	49.2	81	9.6	8.4	86	83	50.5	72	9.1	6.9	86	75
May	54.4	82	11.8	9.0	85	85	55.3	77	11.2	8.7	86	77
June	58.9	82	13.9	10.6	85	84	61.1	74	13.4	10.2	84	75
July	62.8	81	15.9	11.9	85	84	64.1	77	15.5	11.8	88	79
Aug.	63.1	81	16.1	12.0	85	84	63.5	77	15.4	11.5	90	80
Sept.	61.7	79	14.9	11.0	84	81	61.6	75	14.1	10.5	90	81
Oct.	56.5	79	12.3	9.3	84	81	56.2	78	12.1	9.1	90	84
Nov.	50.1	80	9.8	7.5	83	75	49.9	79	9.8	7.4	89	85
Dec.	46.8	83	9.0	6.9	85	83	46.7	83	9.2	7.0	89	86
Year	53.4	81	11.6	8.6	85	83	54.1	77	11.3	8.4	88	81

For explanation of letter H, see Introduction, p. 5.

TABLE I.—ENGLAND, S.W., AND IRELAND, N.

	FALMOUTH Cornwall 50° 9' N., 5° 5' W., 167 ft. 1896-1910					SCILLY Cornwall 49° 56' N., 6° 18' W., 163 ft. 1921-1935				
	Averages for 13h.				Rel. Hum.	Averages for 13h.				Rel. Hum.
	Temp.	Rel. Hum.	Vap. Press.	Moist. Cont.	7h. 18h.	Temp.	Rel. Hum.	Vap. Press.	Moist. Cont.	7h. 18h.
	° F.	%	mb.	gm./m. ³	% %	° F.	%	mb.	gm./m. ³	% %
Jan.	45.3	81	8.2	6.5	85 84	48.3	86	9.8	7.7	89 88
Feb.	45.1	77	7.8	6.1	84 81	47.3	85	9.4	7.3	89 87
Mar.	47.0	75	8.3	6.3	86 79	49.1	84	9.9	7.6	90 87
Apr.	51.1	72	9.1	7.0	83 76	51.1	82	10.5	8.0	89 85
May	55.8	72	11.1	8.3	83 75	55.1	83	12.2	9.3	90 86
June	61.0	73	13.4	10.0	84 76	60.4	81	14.5	10.9	91 85
July	64.1	72	14.6	10.9	85 75	63.8	81	16.4	12.3	91 85
Aug.	63.9	73	14.8	11.0	88 78	63.6	82	16.6	12.3	93 86
Sept.	60.9	76	14.0	10.4	89 82	61.4	83	15.3	11.4	92 88
Oct.	55.0	75	11.1	8.4	91 84	56.5	83	12.9	9.8	89 88
Nov.	50.3	79	9.6	7.5	86 84	51.1	83	10.5	8.1	87 86
Dec.	47.1	81	9.0	6.9	85 84	48.7	84	9.9	7.6	88 88
Year	53.9	76	10.9	8.2	86 80	54.7	83	12.3	9.2	90 87
	BLACKSOD POINT Mayo 54° 6' N., 10° 4' W., 18 ft. 1929-1935					MALIN HEAD Donegal 55° 23' N., 7° 24' W., 84 ft. 1921-1935				
	Averages for 13h.				Rel. Hum.	Averages for 13h.				Rel. Hum.
	Temp.	Rel. Hum.	Vap. Press.	Moist. Cont.	7h. 18h.	Temp.	Rel. Hum.	Vap. Press.	Moist. Cont.	7h. 18h.
	° F.	%	mb.	gm./m. ³	% %	° F.	%	mb.	gm./m. ³	% %
Jan.	45.7	85	8.9	6.9	85 84	44.4	89	8.8	6.9	91 91
Feb.	45.3	80	8.2	6.4	85 83	44.1	89	8.7	6.8	91 90
Mar.	47.4	80	8.9	6.9	85 81	45.7	86	9.0	7.0	91 87
Apr.	49.7	76	9.2	7.2	83 77	47.5	86	9.5	7.4	90 87
May	54.7	75	11.0	8.3	82 74	51.4	85	11.1	8.4	89 86
June	58.8	78	13.0	10.0	83 78	55.3	85	12.7	9.7	88 86
July	61.1	80	14.7	11.0	87 82	59.1	87	14.8	11.2	89 88
Aug.	60.6	81	14.7	11.0	87 81	59.1	85	14.6	11.0	90 87
Sept.	59.0	78	13.3	10.0	85 80	56.9	84	13.3	10.2	90 86
Oct.	53.3	78	10.9	8.2	83 81	52.3	87	11.7	8.8	91 89
Nov.	48.9	82	9.6	7.4	84 84	47.3	88	9.7	7.5	91 90
Dec.	46.6	83	9.1	7.0	84 84	44.9	89	9.0	7.0	90 91
Year	52.6	80	11.0	8.2	84 82	50.7	87	11.1	8.3	90 88

TABLE I.—IRELAND, N. AND S.

	H ALDERGROVE Antrim 54° 39' N., 6° 13' W., 238 ft. 1927-1936					BIRR CASTLE Offaly 53° 6' N., 7° 56' W., 173 ft. 1921-1935				
	Averages for 13h.				Rel. Hum.	Averages for 13h.				Rel. Hum.
	Temp.	Rel. Hum.	Vap. Press.	Moist. Cont.	7h. 18h.	Temp.	Rel. Hum.	Vap. Press.	Moist. Cont.	7h. 18h.
	° F.	%	mb.	gm./m. ³	% %	° F.	%	mb.	gm./m. ³	% %
Jan.	41.7	86	7.9	6.0	90 89	44.8	87	8.8	6.8	93 91
Feb.	42.6	81	7.6	5.9	90 85	45.0	83	8.5	6.5	94 87
Mar.	46.5	73	7.9	6.1	90 77	48.0	77	8.8	6.8	94 80
Apr.	49.3	69	8.3	6.4	89 72	51.0	71	9.0	6.9	93 73
May	55.6	69	10.4	7.9	86 70	56.6	71	11.1	8.5	92 71
June	60.1	71	12.7	9.5	86 72	61.8	72	13.4	10.1	91 72
July	62.6	74	14.3	10.8	89 77	64.3	73	15.1	11.2	93 75
Aug.	62.1	74	14.1	10.6	91 78	62.7	75	14.5	10.8	95 77
Sept.	58.7	75	12.7	9.6	92 81	59.6	77	13.4	10.2	95 80
Oct.	52.4	79	10.6	8.1	90 85	54.1	80	11.5	8.7	94 87
Nov.	46.3	82	8.8	6.8	90 87	47.3	84	9.3	7.2	94 91
Dec.	42.8	85	8.1	6.2	87 88	44.6	88	8.9	6.8	94 92
Year	51.7	77	10.3	7.7	89 80	53.3	78	11.0	8.3	93 81

	H VALENTIA OBSERVATORY Kerry 51° 56' N., 10° 15' W., 30 ft. 1921-1935					ROCHES POINT Cork 51° 47' N., 8° 15' W., 22 ft. 1921-1935				
	Averages for 13h.				Rel. Hum.	Averages for 13h.				Rel. Hum.
	Temp.	Rel. Hum.	Vap. Press.	Moist. Cont.	7h. 18h.	Temp.	Rel. Hum.	Vap. Press.	Moist. Cont.	7h. 18h.
	° F.	%	mb.	gm./m. ³	% %	° F.	%	mb.	gm./m. ³	% %
Jan.	47.2	81	9.0	7.0	84 82	46.7	87	9.4	7.3	92 90
Feb.	47.0	77	8.5	6.5	82 80	46.3	84	8.9	6.9	91 87
Mar.	49.0	73	8.6	6.6	81 76	47.7	82	9.2	7.1	91 84
Apr.	50.8	72	9.0	6.9	81 74	50.0	79	9.6	7.4	89 81
May	55.4	74	11.1	8.4	83 76	54.5	81	11.6	8.9	88 82
June	59.6	77	13.3	10.1	85 78	59.7	79	13.9	10.6	89 82
July	62.5	79	15.2	11.4	87 81	62.3	81	15.5	11.6	91 83
Aug.	61.8	80	14.9	11.3	89 82	61.8	82	15.3	11.2	93 83
Sept.	59.4	79	13.6	10.2	87 82	59.8	82	14.4	10.8	92 84
Oct.	55.0	79	11.6	8.8	85 82	55.1	82	12.1	9.2	92 86
Nov.	49.6	80	9.6	7.4	84 83	49.5	84	10.2	7.8	91 88
Dec.	48.1	82	9.1	7.2	83 83	47.0	87	9.6	7.4	92 90
Year	53.1	78	11.1	8.1	84 80	53.4	82	11.7	8.7	91 85

For explanation of letter H, see Introduction, p. 5.

INDEX OF STATIONS appearing in Table I

Station	Years Used	Page	Station	Years Used	Page
Abbotsinch (Renfrew)	1921-35	10	Larkhill	1921-35	15
Aberdeen	1921-35	9	Lerwick	1921-35	8
Aldergrove	1927-36	18	Leuchars	1922-35	9
Bidston (Liverpool)	1922-34	15	Liverpool (Bidston)	1922-34	15
Biggin Hill	1921-35	13	Lympne	1921-35	14
Birmingham			Malin Head	1921-35	17
(Edgbaston)	1923-35	12	Mount Batten		
Birr Castle	1921-35	18	(Plymouth)	1921-35	16
Blacksod Point	1929-35	17	Oxford (Radcliffe)		
Calshot	1921-35	14	1880-87 : 1900-05		12
Cranwell	1921-35	11	Plymouth		
Croydon	1921-35	13	(Mount Batten)	1921-35	16
Dalwhinnie	1931-36	8	Portland Bill	1921-35	16
Dungeness	1921-29 : '31-35	14	Renfrew (Abbotsinch)	1921-35	10
Edgbaston			Roches Point	1921-35	18
(Birmingham)	1923-35	12	Ross-on-Wye	1921-35	13
Eskdalemuir			St. Ann's Head	1921-31 : '33-35	16
Observatory	1921-35	10	Sealand	1922-34	15
Falmouth			Scilly	1921-35	17
Observatory	1896-1910	17	South Farnborough	1921-35	14
Felixstowe	1925-35	12	Southport	1924-35	15
Fort William	1891-1903	9	Spurn Head	1921-35	11
Glasgow			Stornoway	1921-35	8
Observatory	1868-1912	10	Tiree	1927-36	10
Gorleston			Tynemouth	1921-35	11
(Yarmouth)	1921-35	11	Valentia Observatory	1921-35	18
Harrogate	1925-34	12	Wick	1925-35	8
Holyhead	1921-35	16	Yarmouth		
Inchkeith	1923-35	9	(Gorleston)	1921-35	11
Kew Observatory	1921-35	13			

Averages of Humidity for the British Isles

TABLE II.—AVERAGES OF RELATIVE HUMIDITY FOR
Fort William 1891-1903 (North-Wall Screen, bulbs of

	0	1	2	3	4	5	6	7	8	9	10	11	Noon
January	%	%	%	%	%	%	%	%	%	%	%	%	%
February	80.9	80.9	81.8	81.8	81.8	82.9	82.1	82.1	82.8	82.1	81.2	80.6	78.9
March	82.2	82.0	82.7	82.7	82.6	82.6	82.5	82.5	83.3	82.0	81.4	80.0	78.3
April	81.5	82.3	82.4	83.0	82.8	82.8	83.8	82.6	82.2	79.8	76.8	75.3	73.1
May	78.9	80.3	81.1	81.8	81.8	82.0	82.5	80.0	77.2	73.5	70.5	68.8	65.8
June	79.4	81.2	81.6	82.4	83.0	82.7	81.8	79.4	75.6	71.6	68.0	65.8	64.1
July	82.8	83.7	85.0	86.3	86.3	86.4	84.4	82.3	78.4	75.4	72.8	70.6	68.0
August	84.7	85.8	85.9	86.4	87.2	87.2	86.0	84.2	81.6	77.7	75.0	74.3	71.8
September	86.1	86.8	87.2	87.8	87.7	87.8	87.8	86.7	84.4	81.0	78.5	77.3	74.7
October	84.7	85.3	85.7	85.4	86.5	86.5	86.4	86.3	85.5	82.9	80.3	77.4	74.7
November	83.5	83.3	83.9	84.0	84.7	85.0	84.6	84.0	83.8	82.6	81.6	78.6	77.7
December	81.7	81.8	82.5	82.5	82.2	82.6	83.2	82.5	82.4	81.8	82.0	80.6	80.0
Year	81.7	81.7	82.0	82.8	82.0	82.0	82.1	81.8	81.8	81.7	80.6	81.0	80.7
Year	82.3	82.9	83.5	83.9	84.1	84.2	83.9	82.9	81.6	79.3	77.4	75.9	74.0

Aberdeen 1886-1915 (North-Wall Screen on Tower, bulbs of

	0	1	2	3	4	5	6	7	8	9	10	11	Noon
January	%	%	%	%	%	%	%	%	%	%	%	%	%
February	81.1	81.1	81.2	81.4	81.5	81.7	81.8	81.8	81.8	81.8	81.1	79.9	78.7
March	80.8	81.1	81.1	81.4	81.5	81.5	81.6	81.6	81.4	80.7	79.3	77.8	76.2
April	81.4	82.2	82.2	82.5	82.7	83.0	83.0	82.9	81.2	79.1	76.4	74.8	73.0
May	82.6	83.3	83.7	84.0	84.3	84.4	83.7	82.0	79.1	76.0	73.4	72.0	70.9
June	84.3	84.9	85.3	85.8	86.1	85.5	83.5	80.2	77.6	75.4	74.0	72.8	71.9
July	84.3	85.0	85.9	86.1	86.4	85.1	82.0	78.7	76.2	74.6	73.3	72.2	71.8
August	84.9	85.2	85.8	86.0	86.4	85.2	82.9	80.0	77.0	74.7	73.1	72.0	71.9
September	85.0	85.6	86.1	86.5	87.1	87.1	85.7	82.5	79.7	76.1	74.3	72.7	71.6
October	85.0	85.4	85.7	85.9	86.2	86.2	86.3	84.9	82.2	78.6	75.7	73.5	72.4
November	85.2	85.6	85.7	85.8	85.7	85.8	86.0	86.0	84.8	83.0	80.2	77.9	76.3
December	83.6	83.6	83.7	83.6	83.6	83.8	83.6	83.7	83.5	82.9	81.5	80.1	78.8
Year	82.6	83.0	83.2	83.3	83.4	83.4	83.0	83.2	83.2	82.8	82.5	81.6	80.7
Year	83.4	83.8	84.1	84.4	84.6	84.4	83.6	82.3	80.6	78.8	77.1	75.6	74.5

Glasgow 1868-1912 (North-Wall Screen, bulbs of

	1	2	3	4	5	6	7	8	9	10	11	Noon
January	%	%	%	%	%	%	%	%	%	%	%	%
February	86.6	86.6	86.8	86.9	87.0	87.3	87.4	87.2	87.0	86.7	85.4	84.6
March	85.9	85.9	86.4	86.1	86.4	86.9	86.7	86.5	86.0	85.2	82.9	81.1
April	85.1	85.4	85.8	85.7	86.0	86.0	85.7	84.8	83.0	80.6	77.5	75.2
May	83.4	84.1	84.8	85.4	85.4	85.2	83.6	80.5	77.0	73.0	70.3	67.8
June	83.2	83.8	84.8	85.5	85.3	84.5	81.5	77.8	74.1	70.5	68.0	66.3
July	85.0	86.3	86.8	87.2	86.8	85.3	82.1	78.5	75.0	71.9	69.5	67.5
August	86.4	87.4	87.8	87.9	87.8	86.6	83.9	80.5	76.7	74.0	71.8	69.7
September	87.3	88.0	88.5	88.8	89.0	88.5	86.4	83.5	80.0	76.7	73.7	71.7
October	87.9	88.3	88.6	89.0	89.2	89.1	88.4	86.7	82.8	79.3	76.3	74.3
November	86.7	87.4	87.5	87.2	87.4	87.5	87.3	86.7	84.5	82.2	79.5	77.2
December	86.5	86.9	86.7	87.0	87.2	87.2	87.0	86.9	86.4	85.4	83.7	82.0
Year	86.9	87.0	86.9	87.2	87.2	87.4	87.2	87.3	87.4	87.0	86.2	85.2
Year	85.9	86.5	86.8	87.0	87.1	86.8	85.6	83.9	81.7	79.4	77.1	75.3

EACH HOUR (GREENWICH MEAN TIME) OF THE DAY

thermometers 1.5 metres (4.9 ft.) above ground)

13	14	15	16	17	18	19	20	21	22	23	24	Mean
%	%	%	%	%	%	%	%	%	%	%	%	%
78.6	78.6	78.3	80.1	79.6	80.5	80.3	81.1	80.3	80.5	80.3	81.3	80.8
76.8	75.2	74.0	75.5	77.0	78.5	78.9	80.7	79.6	80.3	81.3	82.0	80.1
71.4	70.0	70.2	69.8	71.6	73.5	76.7	77.8	78.5	80.2	80.7	80.5	77.8
64.2	63.3	62.4	63.5	63.7	65.1	69.1	71.7	74.4	76.1	78.1	79.5	73.2
61.7	61.3	61.0	61.0	61.7	63.2	66.1	69.6	73.4	75.5	78.0	79.3	72.0
67.2	65.5	65.5	64.8	65.9	66.8	69.2	73.4	76.8	79.4	81.5	82.7	75.8
70.3	69.3	69.0	69.5	71.0	71.3	73.7	77.5	79.8	81.4	83.7	84.7	78.5
74.4	73.4	72.6	72.4	73.3	75.0	78.6	80.4	82.6	83.4	84.8	86.0	81.0
73.7	72.3	72.0	72.2	74.3	76.8	79.6	81.4	82.3	83.6	83.8	84.7	80.8
75.0	74.5	74.3	75.6	78.0	78.7	80.1	81.6	82.3	81.8	83.5	83.3	80.9
78.8	78.0	78.8	79.3	79.8	80.4	81.3	81.0	82.2	81.7	81.7	81.7	81.2
80.8	79.8	80.5	80.5	81.4	81.0	81.7	81.9	81.9	82.0	82.7	82.7	81.5
72.7	71.8	71.5	72.0	73.1	74.2	76.3	78.2	79.5	80.5	81.7	82.4	78.6

thermometers 12.5 metres (41.0 ft.) above ground)

13	14	15	16	17	18	19	20	21	22	23	24	Mean
%	%	%	%	%	%	%	%	%	%	%	%	%
78.2	78.0	78.4	79.8	80.4	80.8	81.0	81.1	81.1	81.1	81.1	81.0	80.7
75.8	75.4	75.7	76.7	78.4	79.6	80.2	80.2	80.4	80.6	80.7	81.0	79.6
72.4	72.1	72.4	73.4	75.1	77.3	79.0	80.1	80.7	81.2	81.4	81.6	78.7
70.5	70.6	70.9	71.6	73.0	74.6	77.0	79.2	80.3	81.3	82.3	82.8	78.0
71.9	71.8	72.0	72.5	73.2	74.2	76.2	78.7	80.7	82.1	83.5	84.3	78.5
71.3	71.2	72.0	72.5	72.6	73.9	75.5	77.6	80.1	82.0	83.6	84.3	78.1
71.3	71.5	71.8	72.7	73.5	74.7	76.4	79.1	81.5	83.0	83.9	84.8	78.5
71.3	70.9	71.9	72.6	74.2	76.1	78.7	81.3	82.5	83.6	84.3	85.0	79.5
71.9	72.1	72.5	73.9	75.8	78.4	80.7	82.1	83.2	84.0	84.5	84.9	80.3
75.9	75.2	76.4	77.9	80.3	82.1	83.5	83.8	84.3	84.7	84.8	85.2	82.4
78.5	78.5	79.5	80.5	81.5	82.0	82.5	82.5	82.9	82.8	83.2	83.3	82.1
80.1	80.0	81.0	81.5	81.9	82.3	82.6	82.5	82.6	82.7	82.7	82.6	82.3
74.1	74.0	74.6	75.5	76.7	78.0	79.4	80.7	81.7	82.4	83.0	83.4	79.9

thermometers 2.1 metres (6.9 ft.) above ground)

13	14	15	16	17	18	19	20	21	22	23	24	Mean
%	%	%	%	%	%	%	%	%	%	%	%	%
83.6	83.2	83.5	84.4	85.1	85.4	85.6	85.9	86.0	86.1	86.0	86.1	85.9
79.8	79.1	79.3	80.3	81.8	83.1	83.9	84.6	84.8	85.3	85.5	85.8	84.2
73.7	72.9	73.0	73.6	75.3	77.6	80.2	81.5	82.8	83.5	84.1	84.8	81.0
66.8	65.6	65.6	65.6	66.8	69.4	73.4	77.0	79.1	80.9	82.0	82.0	76.5
65.0	64.2	63.5	63.3	64.2	66.2	69.9	74.2	77.9	80.1	81.2	82.5	74.8
66.5	65.4	64.9	64.6	65.6	67.4	71.0	75.1	78.8	81.5	83.0	84.5	76.2
68.5	67.3	67.0	66.9	68.0	70.1	73.9	77.5	81.3	83.3	84.5	86.0	78.1
70.6	69.3	69.5	69.6	71.4	73.8	77.6	81.4	84.1	85.5	86.3	87.0	80.3
72.8	71.6	72.0	72.7	74.8	77.8	81.5	83.5	85.3	86.5	86.7	87.3	82.2
75.8	75.1	75.9	77.4	80.3	82.5	83.8	84.8	85.3	85.6	86.2	86.4	83.3
81.2	81.1	81.9	82.8	84.1	84.6	84.9	85.4	85.4	85.9	86.1	86.2	85.1
84.5	84.1	84.9	85.4	86.1	86.3	86.4	86.6	86.6	87.0	87.0	86.8	86.4
74.1	73.3	73.4	73.9	75.3	77.1	79.4	81.5	83.1	84.3	84.9	85.5	81.2

Averages of Humidity for the British Isles

TABLE II.—AVERAGES OF RELATIVE HUMIDITY FOR EACH

Eskdalemuir 1911-12; 1914-26 (Louvred Hut, bulbs of

	0	1	2	3	4	5	6	7	8	9	10	11	Noon
	%	%	%	%	%	%	%	%	%	%	%	%	%
January	88.2	88.4	88.0	88.2	88.0	88.2	88.2	89.0	88.7	89.1	87.6	87.1	86.1
February	87.6	87.7	87.6	87.9	88.0	87.9	87.6	88.0	88.1	87.9	85.7	84.7	83.1
March	86.4	87.0	86.8	87.4	87.1	87.3	87.1	87.1	85.8	83.8	79.9	78.2	76.6
April	86.8	87.0	87.0	87.2	87.5	87.8	87.3	86.0	82.4	78.4	75.0	75.0	70.9
May	87.3	88.1	88.4	88.9	88.9	88.8	87.3	84.4	80.3	76.4	73.7	73.7	69.4
June	87.0	87.6	88.0	88.4	88.4	87.6	85.5	81.7	77.3	73.6	71.8	69.7	68.6
July	89.3	90.0	90.6	90.8	90.7	90.8	89.2	86.2	82.1	78.7	76.4	74.4	72.9
August	90.1	90.2	90.3	90.6	90.9	91.0	90.5	88.8	85.5	81.8	78.8	76.4	74.9
September	89.0	89.5	89.4	89.5	89.3	89.5	89.4	88.7	86.5	83.5	79.7	77.6	75.6
October	88.6	89.2	89.2	89.4	89.1	89.1	88.9	89.2	88.3	86.6	83.1	80.4	78.4
November	87.7	87.9	88.1	87.9	87.8	88.1	88.0	88.3	87.9	87.6	86.0	84.0	82.5
December	89.0	89.1	88.8	88.8	88.6	88.7	88.6	88.9	89.1	89.0	87.9	87.1	86.3
Year	88.1	88.5	88.5	88.7	88.7	88.7	87.1	87.2	85.2	83.0	80.5	78.6	77.1

Cranwell 1921-1935 (Hygrograph in Louvred Screen,

	0	1	2	3	4	5	6	7	8	9	10	11	Noon
	%	%	%	%	%	%	%	%	%	%	%	%	%
January	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.7	92.5	91.6	90.0	87.9
February	92.2	92.5	92.7	92.7	92.8	93.0	92.9	92.9	92.8	92.1	90.1	87.1	84.4
March	91.9	92.6	93.0	93.4	93.6	93.7	93.8	93.8	92.4	88.1	83.2	78.2	74.4
April	91.3	92.1	92.6	92.7	93.2	93.4	93.3	92.1	88.5	82.4	77.1	73.0	70.5
May	91.4	92.4	93.1	93.2	93.6	93.5	92.1	88.8	84.2	78.6	74.1	70.1	67.9
June	90.8	91.8	92.4	92.9	93.2	92.9	91.4	87.8	83.1	77.6	72.9	69.8	67.7
July	89.4	90.8	91.5	92.0	92.4	92.5	91.2	87.7	82.6	77.1	72.2	68.7	66.6
August	91.6	92.7	93.6	94.1	94.5	94.6	94.3	92.6	88.1	81.9	77.0	72.7	70.4
September	91.6	93.0	93.6	93.9	94.0	94.2	94.3	93.8	91.4	85.8	79.8	75.2	71.6
October	92.2	92.7	92.9	93.1	93.3	93.3	93.4	93.3	92.4	89.5	84.8	80.2	77.1
November	93.3	93.7	93.7	93.8	93.9	94.0	94.0	94.2	94.0	93.3	91.5	88.9	87.0
December	92.4	92.5	92.5	92.5	92.4	92.4	92.4	92.8	92.8	92.6	91.6	89.9	88.5
Year	91.7	92.4	92.8	93.1	93.3	93.3	92.9	91.9	89.6	86.0	82.2	78.7	76.2

Kew Observatory 1886-1915 (North-Wall Screen, bulbs of

	0	1	2	3	4	5	6	7	8	9	10	11	Noon
	%	%	%	%	%	%	%	%	%	%	%	%	%
January	86.4	86.2	86.6	86.4	86.5	86.2	86.8	86.7	86.7	86.1	85.4	82.8	81.5
February	84.9	84.7	85.2	85.1	85.6	85.3	85.8	85.4	85.5	83.9	82.1	78.5	76.4
March	85.3	85.4	86.6	86.5	87.1	86.8	87.2	86.4	84.9	81.2	77.9	73.4	71.2
April	83.4	84.2	85.5	86.0	86.9	86.7	86.7	83.6	79.9	74.9	70.2	66.3	63.5
May	83.2	84.5	86.2	86.8	87.5	86.7	85.2	81.0	76.2	71.3	68.0	65.0	62.7
June	83.2	84.5	86.0	87.3	87.8	85.9	83.8	79.6	75.6	71.2	67.7	64.7	62.3
July	83.8	85.3	86.5	87.3	88.2	87.2	85.5	81.0	76.1	70.9	67.3	63.6	61.7
August	86.0	87.0	87.9	88.8	89.3	89.4	88.6	85.3	80.7	74.8	70.3	65.8	63.8
September	87.8	88.5	89.5	89.6	90.1	90.1	90.5	88.5	85.0	79.8	74.7	70.0	66.9
October	90.0	90.0	90.7	90.6	91.3	91.1	91.3	90.7	89.4	86.1	82.6	78.2	75.2
November	88.9	88.7	89.3	89.2	89.3	89.0	89.6	89.2	89.2	87.5	85.9	83.0	80.7
December	87.6	87.2	87.8	87.4	87.8	87.6	88.0	87.5	87.8	87.0	86.3	84.1	82.7
Year	85.9	86.3	87.3	87.6	88.1	87.7	87.4	86.1	83.1	79.6	76.5	73.0	70.7

HOUR (GREENWICH MEAN TIME) OF THE DAY—continued

thermometers 0·9 metres (3·0 ft.) above ground)

13	14	15	16	17	18	19	20	21	22	23	24	Mean
%	%	%	%	%	%	%	%	%	%	%	%	%
85·9	86·2	86·3	87·0	87·9	87·8	88·0	87·8	87·9	87·8	87·9	88·1	87·8
82·8	82·7	83·1	83·8	85·2	86·1	86·7	87·2	87·4	87·5	87·4	87·7	86·4
75·4	74·8	75·1	76·4	78·6	81·5	83·5	84·7	85·6	85·8	86·2	86·4	82·9
69·5	68·8	68·5	70·1	72·3	75·0	79·4	82·2	84·4	85·2	86·1	86·6	79·9
68·9	68·5	68·4	69·6	71·0	73·2	77·2	81·5	84·4	85·9	86·9	87·4	79·6
67·8	67·5	67·4	68·5	69·5	71·8	75·0	79·3	82·7	84·6	86·0	87·0	78·1
72·2	72·0	71·8	72·7	74·3	76·2	79·3	83·2	86·3	87·7	88·9	89·5	82·0
74·5	74·2	74·6	75·3	77·3	80·2	83·8	86·4	88·2	88·8	89·4	90·1	84·0
74·7	74·3	74·7	76·0	78·7	82·4	85·3	86·5	88·0	88·2	88·6	89·0	84·0
77·2	76·9	78·0	80·6	83·7	85·9	87·0	87·4	88·2	88·3	88·7	88·6	85·6
81·8	81·9	83·3	85·0	86·1	86·8	87·0	87·4	87·6	87·8	88·0	87·7	86·5
86·0	86·2	87·2	87·5	88·3	88·4	88·8	88·6	89·1	88·9	89·1	89·0	88·4
76·4	76·2	76·5	77·7	79·4	81·3	83·4	85·2	86·7	87·2	87·8	88·1	83·8

1 metre (3·3 ft.) above ground)

13	14	15	16	17	18	19	20	21	22	23	24	Mean
%	%	%	%	%	%	%	%	%	%	%	%	%
86·2	85·8	86·7	88·4	89·6	90·7	91·2	91·6	91·8	91·9	92·0	92·2	90·8
82·2	80·9	81·3	82·8	85·7	88·7	90·0	90·9	91·2	91·7	92·0	92·2	89·5
71·9	70·6	70·6	72·4	76·0	80·8	85·2	87·6	89·2	90·5	91·3	91·8	85·7
68·9	68·4	68·3	69·1	72·0	76·0	81·5	85·3	87·9	89·5	90·7	91·5	82·9
66·5	65·9	66·3	67·8	70·0	73·4	78·3	83·0	86·7	88·9	90·2	91·3	81·2
66·6	65·8	66·2	67·4	69·5	72·7	76·7	81·6	85·7	88·2	89·7	90·9	80·6
65·3	64·5	64·5	65·1	67·3	69·9	74·7	80·3	84·5	86·9	88·4	89·4	79·4
68·3	67·5	67·6	68·6	71·3	75·1	81·0	85·7	88·3	89·9	91·2	92·0	83·0
70·1	69·4	69·9	72·3	76·1	81·0	85·5	88·1	89·7	90·5	91·2	91·9	84·8
75·1	74·8	76·1	78·4	83·7	87·3	89·3	90·1	90·9	91·5	92·0	92·3	87·4
85·6	85·4	86·6	89·2	90·6	91·7	92·3	92·5	92·9	93·0	93·1	93·5	91·6
87·6	87·4	88·2	89·7	90·6	91·4	91·6	91·8	91·9	92·0	92·2	92·4	91·2
74·5	73·9	74·4	75·9	78·5	81·6	84·8	87·4	89·2	90·4	91·2	91·8	86·3

thermometers 3·0 metres (9·8 ft.) above ground)

13	14	15	16	17	18	19	20	21	22	23	24	Mean
%	%	%	%	%	%	%	%	%	%	%	%	%
79·7	79·4	79·6	81·4	82·5	83·9	84·3	85·1	85·1	85·9	85·7	86·4	84·5
74·6	73·7	73·7	74·7	77·1	79·8	81·2	82·7	83·2	84·0	84·4	84·8	81·6
68·9	67·7	67·7	68·4	70·6	74·1	77·2	80·2	81·4	83·4	84·4	85·5	79·3
62·0	60·8	60·7	61·0	62·6	65·6	69·7	74·0	76·9	79·5	81·5	83·0	74·7
60·8	59·9	59·4	59·6	60·6	62·7	66·6	71·8	75·5	78·8	81·0	83·2	73·4
60·3	59·2	58·5	58·8	59·8	61·9	65·4	70·5	74·9	78·4	80·8	83·2	72·8
59·6	58·6	58·0	58·3	59·3	61·5	65·2	71·0	75·8	79·2	81·8	84·0	73·0
61·3	60·1	60·1	60·2	62·0	65·3	70·6	76·1	79·6	82·5	84·3	86·0	75·8
64·7	63·6	63·4	64·6	67·4	72·5	77·5	81·1	83·2	85·2	86·4	87·8	79·2
73·1	72·0	72·6	74·8	78·9	82·9	85·1	87·2	87·6	88·7	89·1	90·0	84·6
78·8	78·3	78·7	81·4	83·5	85·1	85·8	86·8	87·2	88·1	88·3	88·7	85·9
81·6	81·0	81·8	83·8	84·8	85·9	86·0	86·6	86·6	87·2	87·0	87·6	85·9
68·8	67·9	67·9	68·9	70·8	73·4	76·2	79·4	81·4	83·4	84·5	85·8	79·2

*Averages of Humidity for the British Isles*TABLE II.—AVERAGES OF RELATIVE HUMIDITY FOR EACH
Sealand 1922-1935 (Hygrograph in Louvred Screen,

	0	1	2	3	4	5	6	7	8	9	10	11	Noon
	%	%	%	%	%	%	%	%	%	%	%	%	%
January	85.9	85.9	85.9	85.8	86.0	86.3	86.4	86.6	86.7	86.8	86.0	83.4	81.5
February	85.7	86.0	86.4	86.5	86.7	86.6	86.8	87.2	87.3	86.1	83.7	80.7	78.1
March	86.3	86.9	87.3	87.9	88.1	88.2	88.2	88.1	87.0	83.5	78.5	74.2	71.2
April	85.7	86.5	87.3	87.8	87.9	88.2	88.1	86.4	83.0	77.9	73.2	70.3	68.3
May	87.0	88.1	88.6	88.9	89.6	89.9	88.7	85.1	80.3	75.4	71.7	69.2	67.4
June	87.8	88.6	89.2	89.5	90.1	90.0	87.9	82.6	77.6	73.8	70.4	68.1	66.9
July	88.1	88.8	89.3	89.8	89.9	89.7	88.3	84.2	79.6	75.4	72.2	70.2	69.0
August	89.2	89.6	89.9	90.4	90.7	90.8	90.4	87.9	83.6	78.3	73.9	71.4	70.0
September	88.9	89.3	89.5	89.8	90.1	90.2	90.5	90.1	87.5	82.3	76.7	72.5	70.5
October	88.0	88.1	88.4	88.5	88.6	88.6	88.7	88.8	87.9	85.3	80.8	77.4	74.4
November	87.4	87.6	87.8	87.9	88.0	88.1	88.6	88.8	88.8	88.2	86.5	83.8	80.7
December	86.7	86.8	86.8	86.5	86.6	86.7	87.0	87.3	87.2	87.0	86.3	84.8	82.9
Year	86.4	87.7	88.0	88.3	88.5	88.6	88.3	86.9	84.7	81.7	78.3	75.5	73.4

Falmouth 1886-1910 (North-Wall Screen, bulbs of

	0	1	2	3	4	5	6	7	8	9	10	11	Noon
	%	%	%	%	%	%	%	%	%	%	%	%	%
January	84.6	84.9	84.9	85.0	85.1	85.3	85.3	85.3	85.4	85.0	83.9	82.2	81.2
February	83.8	83.6	83.5	83.7	83.7	83.9	84.0	83.9	83.9	83.2	81.4	79.4	77.9
March	84.6	84.4	84.8	84.9	84.9	85.2	85.4	85.6	84.2	81.6	79.1	77.1	75.7
April	84.4	84.6	84.9	85.4	85.6	85.6	85.4	83.5	80.5	77.3	74.9	73.5	72.6
May	87.0	87.2	87.5	87.6	88.0	88.1	86.5	83.0	78.8	75.6	73.9	73.1	72.4
June	88.8	89.1	89.4	89.8	89.8	89.9	87.9	84.0	79.7	76.6	75.0	74.2	73.8
July	89.4	89.6	90.0	90.1	90.1	90.2	89.0	85.5	81.1	77.0	75.2	73.8	72.8
August	89.4	89.7	89.9	90.1	90.3	90.7	90.6	87.8	83.9	79.7	77.1	75.6	74.3
September	88.4	88.8	89.2	89.4	89.4	89.8	90.0	88.9	86.2	82.9	80.1	78.0	76.5
October	90.0	89.9	90.5	90.6	91.2	91.2	91.3	90.6	89.3	86.1	82.8	79.1	76.5
November	85.4	85.7	85.6	85.4	85.7	85.9	85.5	85.9	85.8	84.8	83.2	81.3	79.7
December	85.0	85.0	84.8	85.0	85.0	85.1	84.7	85.2	85.1	84.9	84.2	82.8	81.5
Year	86.7	86.9	87.1	87.3	87.4	87.6	87.1	85.8	83.7	81.2	79.2	77.5	76.2

Valentia Observatory 1886-1915 (North-Wall Screen, bulbs of

	0	1	2	3	4	5	6	7	8	9	10	11	Noon
	%	%	%	%	%	%	%	%	%	%	%	%	%
January	86.8	86.6	87.1	86.9	87.2	87.0	87.1	87.1	87.1	86.8	86.8	86.0	85.3
February	87.2	87.1	87.3	87.5	87.5	87.5	87.7	87.1	87.5	87.1	86.4	84.7	82.8
March	86.5	86.6	86.8	87.0	87.2	87.1	87.2	87.3	86.8	85.1	83.1	80.8	79.3
April	85.8	86.2	86.7	86.6	86.9	86.9	87.0	86.5	84.1	81.9	79.6	77.2	76.3
May	86.7	87.1	87.2	87.4	87.8	87.9	87.5	85.6	82.2	79.2	77.3	75.6	74.7
June	87.0	87.2	87.9	87.9	88.2	88.2	87.3	85.3	82.5	79.9	77.9	76.5	76.0
July	88.2	88.4	88.7	89.0	89.2	89.6	89.0	87.7	85.5	83.1	81.2	79.4	78.6
August	88.7	88.9	89.5	89.3	89.6	89.6	89.5	88.9	87.1	84.5	82.4	80.5	79.3
September	87.4	87.7	87.8	88.1	88.3	88.0	88.3	88.0	87.3	84.7	82.2	79.8	78.7
October	86.6	86.8	87.0	87.0	87.0	87.0	86.9	87.2	86.9	85.8	84.1	81.6	80.2
November	86.7	86.7	87.1	87.3	87.3	87.5	87.6	87.7	87.7	87.2	86.4	84.8	83.4
December	87.9	88.0	87.6	87.7	88.0	87.6	87.9	88.0	87.9	87.7	87.5	86.4	86.1
Year	86.8	87.3	87.6	87.7	87.8	87.8	87.8	87.2	86.0	84.4	82.9	81.1	80.1

HOUR (GREENWICH MEAN TIME) OF THE DAY—*continued*
 1.4 metres (4.6 ft.) above ground)

13	14	15	16	17	18	19	20	21	22	23	24	Mean
%	%	%	%	%	%	%	%	%	%	%	%	%
79.8	78.9	79.6	81.1	82.8	84.3	84.8	85.3	85.7	86.0	86.2	86.1	84.5
75.5	74.1	74.1	75.3	77.8	80.7	82.2	83.4	84.1	84.7	85.2	85.7	82.7
69.1	68.3	68.0	68.8	71.2	75.7	79.1	81.5	83.1	84.7	85.6	86.3	80.4
67.0	65.0	66.6	67.5	69.1	72.6	76.6	79.7	81.9	83.8	84.9	85.8	78.6
66.4	65.8	66.0	67.1	68.5	71.1	74.8	79.0	82.3	84.8	86.2	87.2	78.4
66.3	66.5	66.8	67.6	69.2	71.1	74.2	78.4	82.1	84.8	86.7	87.8	78.2
68.3	67.8	67.6	68.4	69.7	72.1	75.0	79.4	83.3	85.7	86.9	88.0	79.1
69.1	68.9	68.5	69.3	71.0	74.1	78.4	82.4	85.1	86.9	88.4	89.4	80.7
69.1	68.5	68.9	70.1	72.9	77.7	81.7	84.6	86.5	87.6	88.4	88.9	81.8
73.1	72.4	72.8	75.1	78.7	82.3	84.3	85.4	86.3	87.4	87.7	87.9	83.3
79.0	78.6	79.8	81.8	83.7	85.2	85.9	86.3	87.0	87.1	87.3	87.4	85.6
80.6	80.4	80.9	82.7	83.9	85.1	85.4	85.7	85.9	86.3	86.6	86.7	85.3
71.9	71.3	71.6	72.9	74.9	77.7	80.2	82.6	84.4	85.8	86.7	87.3	81.5

thermometers 1.2 metres (3.9 ft.) above ground)

13	14	15	16	17	18	19	20	21	22	23	24	Mean
%	%	%	%	%	%	%	%	%	%	%	%	%
80.7	80.3	81.1	82.1	83.2	83.9	84.3	84.1	84.2	84.6	84.6	84.8	83.8
77.1	76.7	77.2	77.9	79.7	81.4	82.2	82.9	83.4	83.5	83.8	83.8	81.7
74.9	74.7	74.9	75.7	77.2	79.1	81.8	82.8	83.5	83.9	84.2	84.7	81.3
72.3	72.1	72.4	73.0	74.1	75.8	79.5	82.1	83.1	83.9	84.1	84.3	79.6
72.2	71.9	72.2	72.6	73.2	75.0	78.4	82.3	85.1	86.3	86.8	87.2	80.2
73.2	72.9	72.9	73.4	74.2	75.8	78.7	82.9	86.0	87.5	88.2	88.8	81.4
72.4	72.2	72.4	72.8	73.6	75.3	78.6	83.0	86.6	88.0	88.9	89.3	81.6
73.5	73.4	73.4	74.4	75.7	78.1	82.0	85.9	87.8	88.3	89.0	89.5	82.9
76.0	75.8	76.5	77.3	79.2	82.0	85.2	86.6	87.3	87.7	88.2	88.5	84.2
74.8	73.9	74.4	76.6	80.3	83.9	85.9	87.7	87.9	88.7	89.2	89.9	85.2
79.2	79.2	80.0	81.3	83.4	84.2	84.4	84.4	84.5	84.9	85.4	85.2	83.8
81.2	81.1	82.0	83.1	84.0	84.2	84.6	84.4	84.7	84.8	84.8	85.0	84.1
75.6	75.4	75.8	76.7	78.2	79.9	82.1	84.1	85.3	86.0	86.4	86.8	82.5

thermometers 1.3 metres (4.3 ft.) above ground)

13	14	15	16	17	18	19	20	21	22	23	24	Mean
%	%	%	%	%	%	%	%	%	%	%	%	%
84.3	84.0	84.3	84.8	85.6	86.1	86.3	86.5	86.6	86.5	86.4	86.7	86.2
81.7	81.3	81.5	82.1	83.4	84.9	85.4	86.1	86.1	86.3	86.8	87.1	85.5
78.2	78.2	78.1	78.7	79.7	81.3	83.5	84.7	85.0	85.6	85.8	86.5	83.7
75.8	75.5	75.7	75.9	77.1	78.8	81.0	83.4	84.5	85.2	85.7	85.9	82.1
74.5	74.3	74.6	74.6	74.6	77.0	78.9	81.7	83.8	85.2	86.1	86.6	81.2
75.4	75.3	75.3	74.7	74.7	77.2	79.1	81.7	84.3	85.5	86.2	87.0	81.7
77.9	77.6	77.0	77.1	76.9	79.1	81.1	83.7	85.9	87.1	87.6	88.2	83.7
78.5	78.2	78.2	78.7	79.1	81.1	83.2	85.5	86.9	87.8	88.1	88.3	84.7
77.8	77.6	77.7	78.7	79.6	82.2	84.2	85.6	86.2	86.7	87.2	87.4	84.2
79.4	79.0	79.1	80.3	81.8	83.9	84.5	85.1	85.6	86.1	86.3	86.8	84.4
82.4	82.0	82.4	83.6	84.8	85.3	85.6	86.2	86.2	86.4	86.5	86.8	85.8
85.5	85.3	85.5	86.4	86.7	87.0	87.0	87.5	87.8	87.7	87.9	87.8	87.2
79.3	79.0	79.1	79.6	80.3	82.0	83.3	84.8	85.7	86.3	86.7	87.1	84.2

Averages of Humidity for the British Isles

TABLE III.—AVERAGES OF VAPOUR PRESSURE FOR EACH

Eskdalemuir 1911-12; 1914-19 (Louvred Hut, bulbs of

	0	1	2	3	4	5	6	7	8	9	10	11	Noon
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
January	6.4	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.4	6.6	6.7
February	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.9	6.1	6.3	6.5	6.6
March	6.0	5.9	5.9	5.9	5.8	5.8	5.8	5.8	6.1	6.3	6.5	6.7	6.7
April	6.6	6.5	6.4	6.4	6.4	6.3	6.4	6.6	7.1	7.3	7.4	7.7	7.5
May	8.2	8.1	7.9	7.9	7.8	7.9	8.3	8.7	9.0	9.1	9.2	9.6	9.4
June	9.5	9.4	9.3	9.2	9.1	9.3	9.8	10.2	10.4	10.5	10.7	10.7	10.9
July	11.4	11.2	11.1	11.0	11.0	11.2	11.6	12.0	12.2	12.3	12.6	12.7	12.8
August	11.4	11.3	11.2	11.1	11.0	11.0	11.3	11.7	12.1	12.4	12.5	12.6	12.8
September	9.8	9.7	9.7	9.5	9.5	9.4	9.5	9.8	10.3	10.8	11.0	11.0	11.1
October	8.4	8.4	8.3	8.3	8.3	8.2	8.1	8.2	8.4	8.9	9.2	9.2	9.3
November	6.8	6.9	6.8	6.8	6.8	6.7	6.7	6.7	6.8	6.9	7.2	7.3	7.5
December	6.5	6.5	6.5	6.5	6.4	6.4	6.4	6.5	6.5	6.5	6.6	6.7	6.9
Year	8.1	8.0	7.9	7.9	7.9	7.9	8.0	8.2	8.4	8.6	8.8	8.9	9.0

Kew Observatory 1886-1915 (North-Wall Screen, bulbs of

	0	1	2	3	4	5	6	7	8	9	10	11	Noon
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
January	6.8	6.7	6.7	6.6	6.6	6.6	6.6	6.6	6.6	6.7	6.8	6.9	7.0
February	6.8	6.6	6.6	6.6	6.6	6.5	6.5	6.5	6.5	6.7	6.8	6.9	7.0
March	7.1	7.0	6.9	6.9	6.8	6.7	6.7	6.7	6.9	6.9	7.3	7.3	7.4
April	8.0	7.9	7.9	7.7	7.7	7.7	7.7	7.9	8.1	8.1	8.2	8.3	8.3
May	9.6	9.4	9.3	9.3	9.2	9.2	9.3	9.7	9.7	9.8	9.9	10.0	10.0
June	12.0	11.7	11.6	11.6	11.4	11.5	11.7	12.0	12.1	12.2	12.2	12.4	12.3
July	13.8	13.5	13.1	13.2	13.1	13.2	13.4	13.7	13.7	13.7	13.6	13.6	13.6
August	13.9	13.5	13.3	13.2	13.1	13.0	13.2	13.6	13.8	13.9	13.8	13.7	13.7
September	12.2	12.1	12.0	11.8	11.7	11.6	11.6	11.8	12.1	12.4	12.5	12.7	12.6
October	10.1	9.8	9.8	9.7	9.7	9.6	9.6	9.6	9.8	10.1	10.4	10.5	10.5
November	8.3	8.2	8.2	8.1	8.1	8.0	8.0	8.0	8.1	8.2	8.4	8.6	8.7
December	7.2	7.0	7.0	6.9	6.9	7.0	6.9	6.9	6.9	7.0	7.2	7.3	7.3
Year	9.6	9.5	9.4	9.3	9.2	9.2	9.3	9.4	9.5	9.6	9.8	9.9	9.9

HOUR (GREENWICH MEAN TIME) OF THE DAY

thermometers 0·9 metres (3·0 ft. above ground)

13	14	15	16	17	18	19	20	21	22	23	24	Mean
mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
6·8	6·8	6·8	6·6	6·6	6·5	6·5	6·4	6·4	6·4	6·3	6·3	6·5
6·7	6·8	6·8	6·7	6·5	6·3	6·2	6·2	6·1	6·1	6·0	6·0	6·2
6·8	6·9	6·9	6·8	6·7	6·6	6·4	6·3	6·2	6·1	6·0	6·0	6·3
7·5	7·5	7·5	7·5	7·5	7·4	7·2	7·0	6·9	6·7	6·7	6·6	7·0
9·5	9·6	9·6	9·6	9·5	9·4	9·3	9·0	8·8	8·6	8·4	8·2	8·9
11·0	11·1	11·1	11·2	11·1	11·0	10·9	10·6	10·2	10·0	9·8	9·6	10·3
12·9	13·0	13·1	13·0	13·0	12·8	12·8	12·5	12·1	11·7	11·6	11·4	12·1
12·9	12·9	12·9	12·8	12·9	12·8	12·6	12·3	12·0	11·7	11·6	11·4	12·1
11·1	11·2	11·2	11·2	11·1	10·9	10·6	10·3	10·2	10·0	9·9	9·7	10·4
9·3	9·3	9·3	9·3	9·1	8·9	8·7	8·7	8·5	8·5	8·4	8·3	8·7
7·5	7·5	7·5	7·3	7·2	7·1	7·0	7·0	6·9	6·9	6·9	6·8	7·0
6·9	6·9	6·9	6·7	6·7	6·6	6·6	6·6	6·6	6·6	6·5	6·5	6·6
9·1	9·1	9·1	9·1	9·0	8·9	8·7	8·6	8·4	8·3	8·2	8·1	8·5

thermometers 3·0 metres (9·8 ft.) above ground)

13	14	15	16	17	18	19	20	21	22	23	24	Mean
mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
7·1	7·1	7·1	7·1	6·9	6·9	6·9	6·9	6·8	6·8	6·7	6·7	6·8
7·0	7·0	7·0	7·0	7·0	7·0	6·9	6·8	6·8	6·8	6·7	6·7	6·8
7·4	7·4	7·4	7·4	7·5	7·4	7·3	7·3	7·2	7·2	7·1	7·1	7·1
8·4	8·3	8·4	8·3	8·3	8·3	8·2	8·2	8·1	8·1	8·0	8·0	8·1
10·0	10·0	10·1	10·1	10·1	10·1	10·0	9·9	9·9	9·8	9·6	9·6	9·7
12·4	12·4	12·4	12·4	12·5	12·5	12·6	12·5	12·3	12·2	12·1	11·9	12·1
13·7	13·7	13·9	13·9	14·0	14·0	14·2	14·0	14·1	14·0	13·8	13·7	13·7
13·8	13·7	13·8	13·8	13·9	14·0	14·2	14·1	14·0	14·0	13·8	13·7	13·7
12·6	12·6	12·6	12·6	12·8	12·8	12·7	12·6	12·5	12·4	12·2	12·1	12·3
10·5	10·4	10·5	10·5	10·5	10·5	10·4	10·3	10·2	10·1	10·0	9·9	10·1
8·7	8·7	8·7	8·7	8·6	8·5	8·4	8·4	8·3	8·2	8·2	8·3	8·3
7·5	7·4	7·4	7·4	7·3	7·3	7·2	7·2	7·1	7·1	7·1	7·1	7·1
9·9	9·9	9·9	9·9	9·9	9·9	9·9	9·9	9·8	9·7	9·6	9·6	9·6

APPENDIX

Standard values of the vapour pressure in millibars and weight of moisture in grams per cubic metre of saturated air.

(Computed from the tables of saturation vapour pressure by Scheel and Heuse, published with the authority of the Reichsanstalt in the *Annalen der Physik*, 1909 and 1910.)

A. over Ice

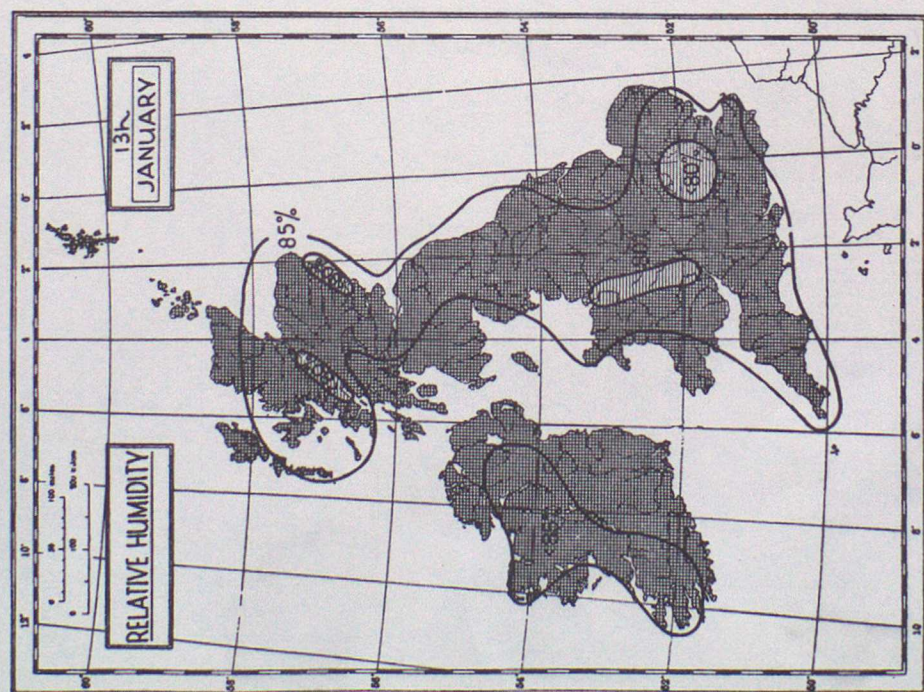
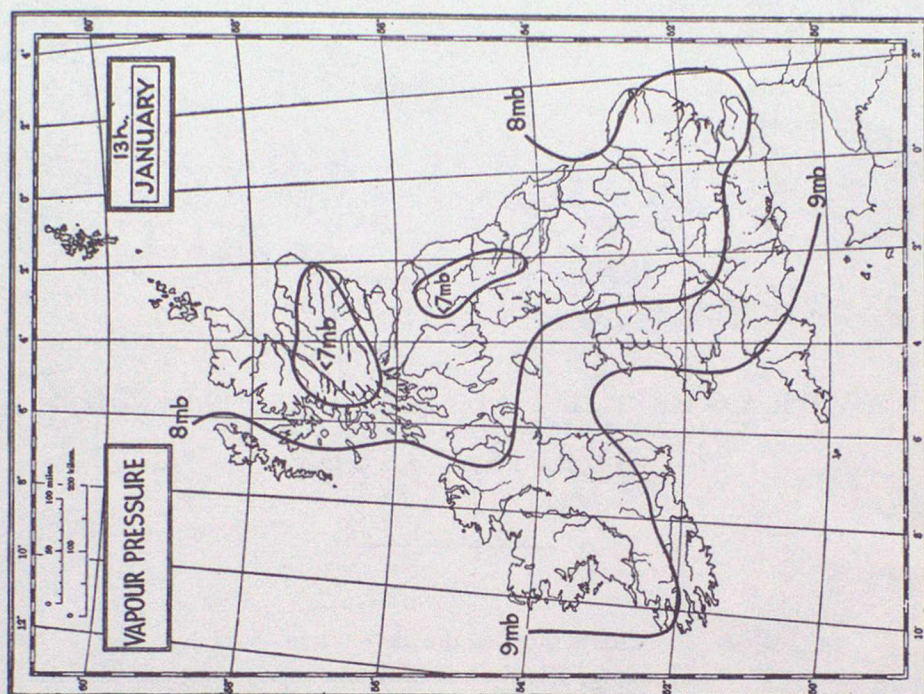
Temp. ° F.	Vap. Press.	Moist Cont.	Temp. ° F.	Vap. Press.	Moist Cont.	Temp. ° F.	Vap. Press.	Moist Cont.	Temp. ° F.	Vap. Press.	Moist Cont.
° F.	mb.	gm./m. ³	° F.	mb.	gm./m. ³	° F.	mb.	gm./m. ³	° F.	mb.	gm./m. ³
0	1.29	1.09	9	2.05	1.71	18	3.18	2.60	27	4.86	3.90
1	1.36	1.15	10	2.15	1.79	19	3.33	2.72	28	5.09	4.07
2	1.43	1.21	11	2.26	1.87	20	3.50	2.85	29	5.33	4.26
3	1.51	1.27	12	2.37	1.96	21	3.67	2.98	30	5.58	4.45
4	1.59	1.33	13	2.49	2.06	22	3.85	3.12	31	5.84	4.65
5	1.67	1.40	14	2.62	2.16	23	4.03	3.27	32	6.11	4.85
6	1.76	1.47	15	2.75	2.26	24	4.23	3.42	..	..	..
7	1.85	1.55	16	2.89	2.37	25	4.43	3.57	..	..	..
8	1.95	1.63	17	3.03	2.48	26	4.64	3.73	..	..	..

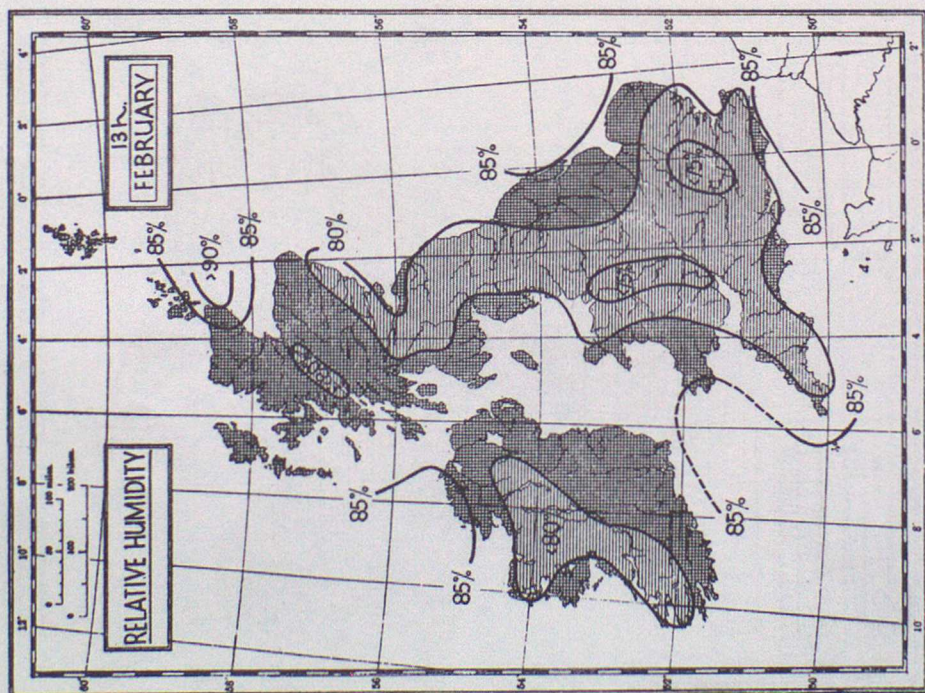
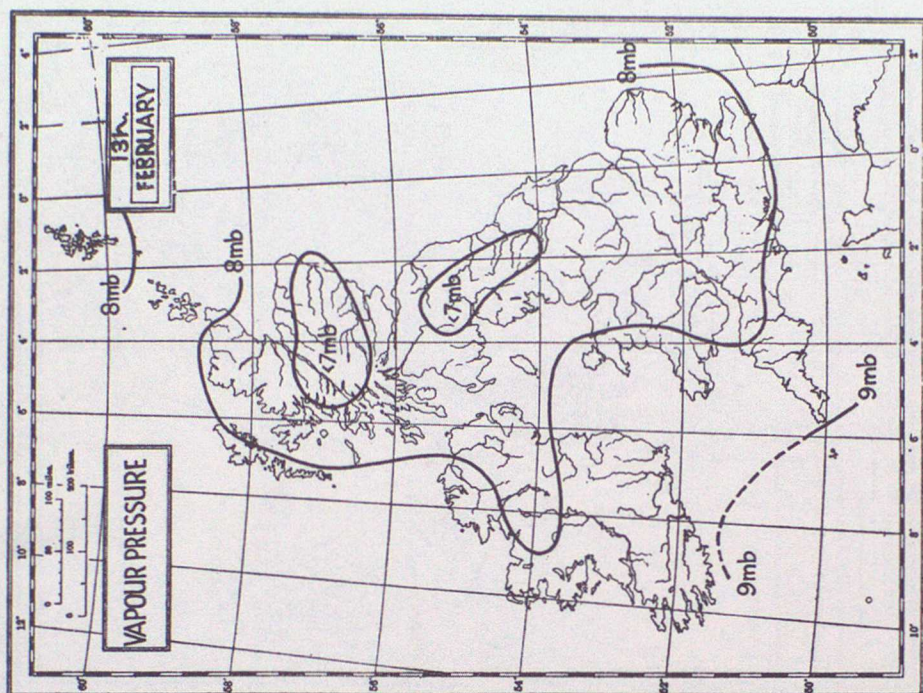
B. over Water

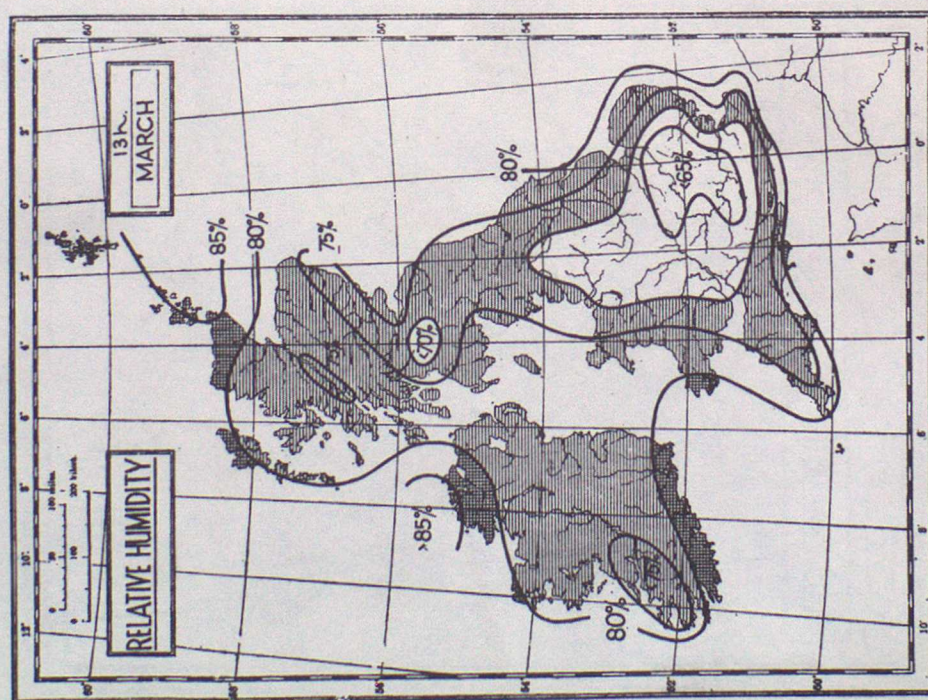
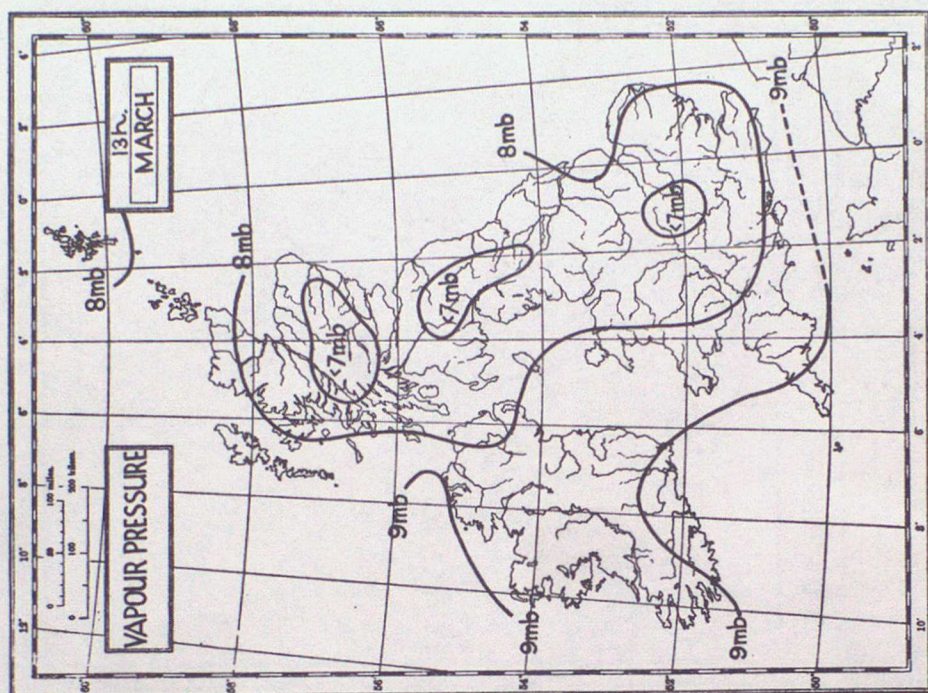
° F.	mb.	gm./m. ³	° F.	mb.	gm./m. ³	° F.	mb.	gm./m. ³	° F.	mb.	gm./m. ³
0	1.53	1.30	31	5.87	4.67	61	18.31	13.72	91	49.70	35.24
1	1.61	1.36	32	6.11	4.85	62	18.98	14.21	92	51.28	36.25
2	1.69	1.42	33	6.36	5.04	63	19.66	14.70	93	52.89	37.34
3	1.76	1.48	34	6.62	5.24	64	20.36	15.19	94	54.56	38.46
4	1.84	1.55	35	6.89	5.44	65	21.08	15.70	95	56.25	39.60
5	1.93	1.62									
6	2.02	1.69	36	7.17	5.65	66	21.82	16.22	96	58.01	40.78
7	2.11	1.76	37	7.46	5.86	67	22.60	16.74	97	59.80	41.92
8	2.21	1.84	38	7.76	6.09	68	23.38	17.30	98	61.66	43.16
9	2.31	1.92	39	8.07	6.32	69	24.21	17.88	99	63.56	44.43
10	2.42	2.01	40	8.40	6.56	70	25.05	18.47	100	65.49	45.66
11	2.52	2.10	41	8.72	6.81	71	25.92	19.08	101	67.49	46.97
12	2.64	2.19	42	9.07	7.06	72	26.81	19.70	102	69.53	48.32
13	2.76	2.28	43	9.43	7.32	73	27.73	20.34	103	71.65	49.73
14	2.88	2.38	44	9.80	7.59	74	28.68	20.99	104	73.78	51.13
15	3.01	2.48	45	10.18	7.87	75	29.65	21.64	105	76.02	52.53
16	3.14	2.58	46	10.57	8.16	76	30.66	22.35	106	78.28	54.01
17	3.28	2.69	47	10.98	8.46	77	31.68	23.05	107	80.61	55.54
18	3.43	2.80	48	11.40	8.77	78	32.76	23.80	108	83.00	57.02
19	3.58	2.92	49	11.83	9.09	79	33.85	24.54	109	85.44	58.61
20	3.73	3.04	50	12.28	9.41	80	34.98	25.29	110	87.96	60.26
21	3.89	3.16	51	12.75	9.74	81	36.14	26.09	111	90.52	61.92
22	4.06	3.29	52	13.22	10.09	82	37.33	26.91	112	93.18	63.64
23	4.23	3.42	53	13.72	10.45	83	38.56	27.80	113	95.86	65.28
24	4.41	3.56	54	14.24	10.81	84	39.81	28.58	114	98.65	67.08
25	4.59	3.70	55	14.76	11.19	85	41.12	29.48	115	101.47	68.90
26	4.79	3.85	56	15.31	11.60	86	42.44	30.39	116	104.36	70.65
27	4.99	4.00	57	15.87	12.00	87	43.83	31.29	117	107.37	72.58
28	5.19	4.15	58	16.46	12.41	88	45.23	32.25	118	110.42	74.53
29	5.41	4.32	59	17.05	12.83	89	46.69	33.20	119	113.56	76.54
30	5.63	4.49	60	17.68	13.26	90	48.17	34.20	120	116.75	78.59

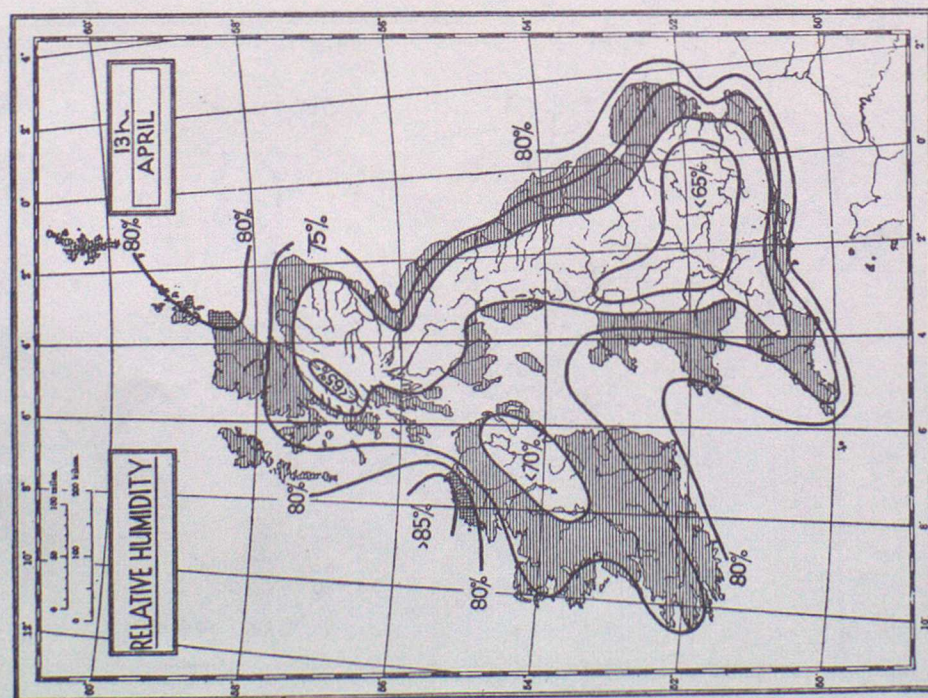
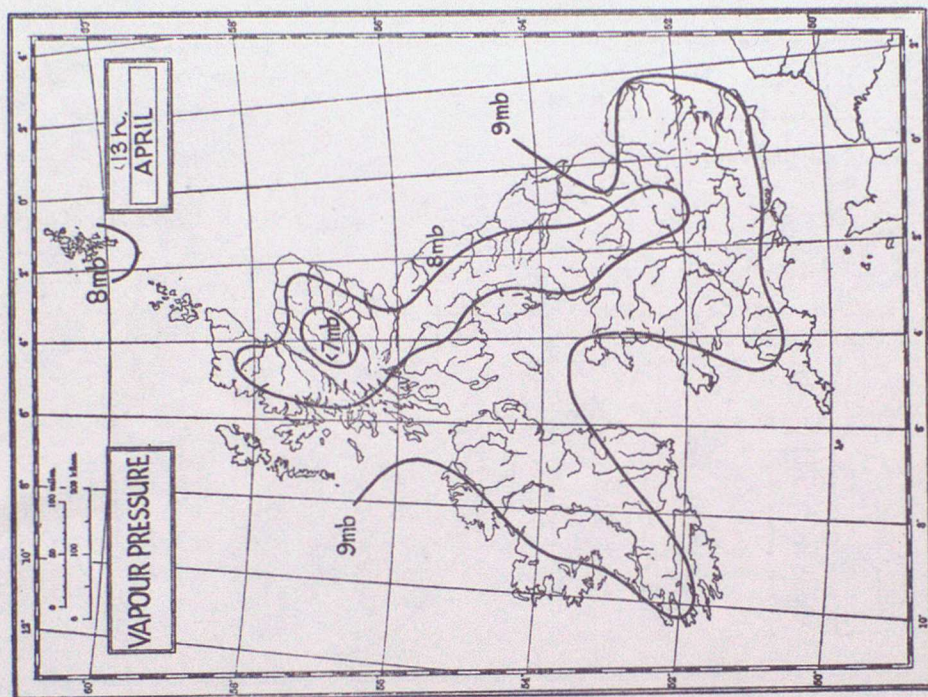
AVERAGES OF HUMIDITY FOR THE BRITISH ISLES

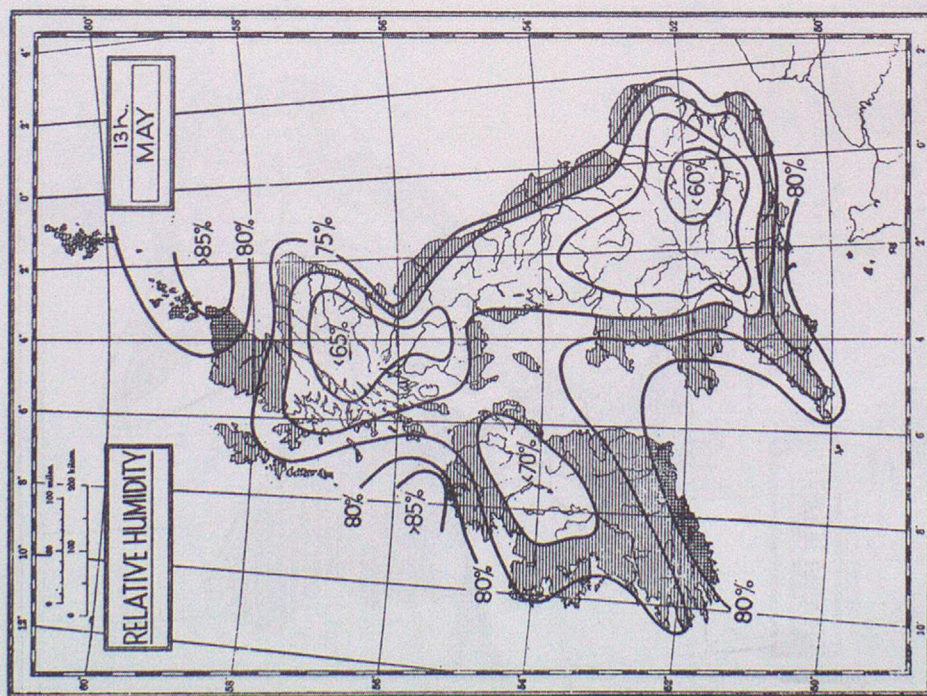
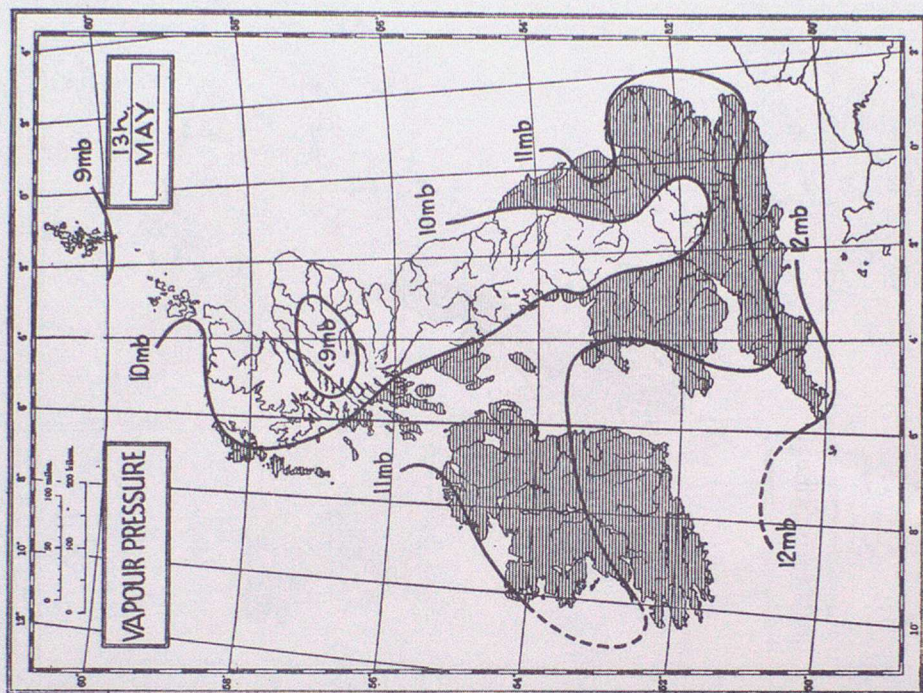
Charts showing the distribution
of average relative humidity and vapour
pressure at 13h. G.M.T. in each
month and the year at
ground level

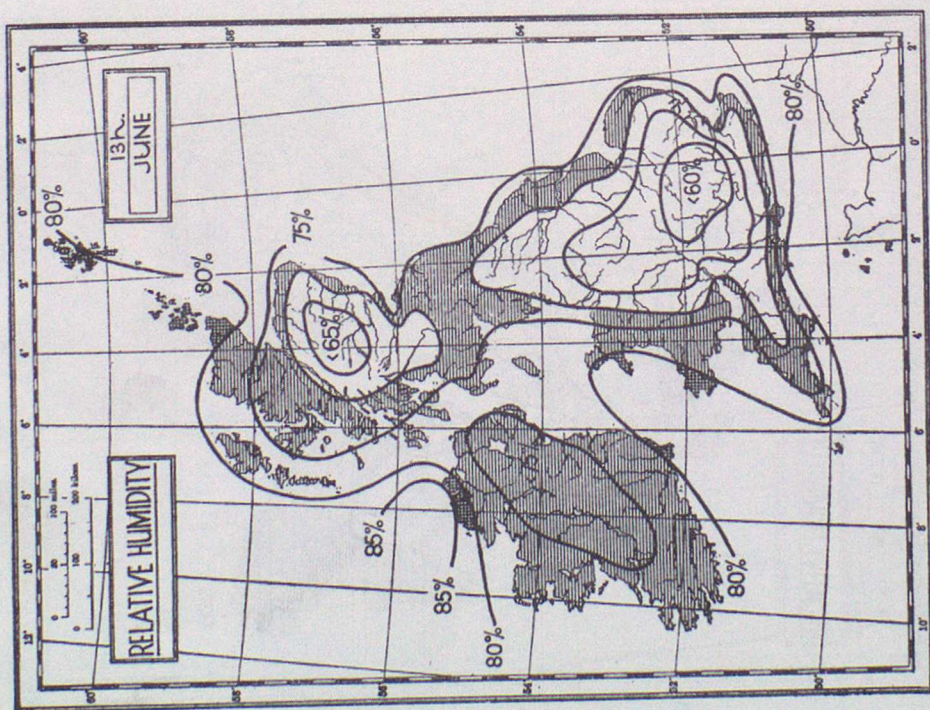
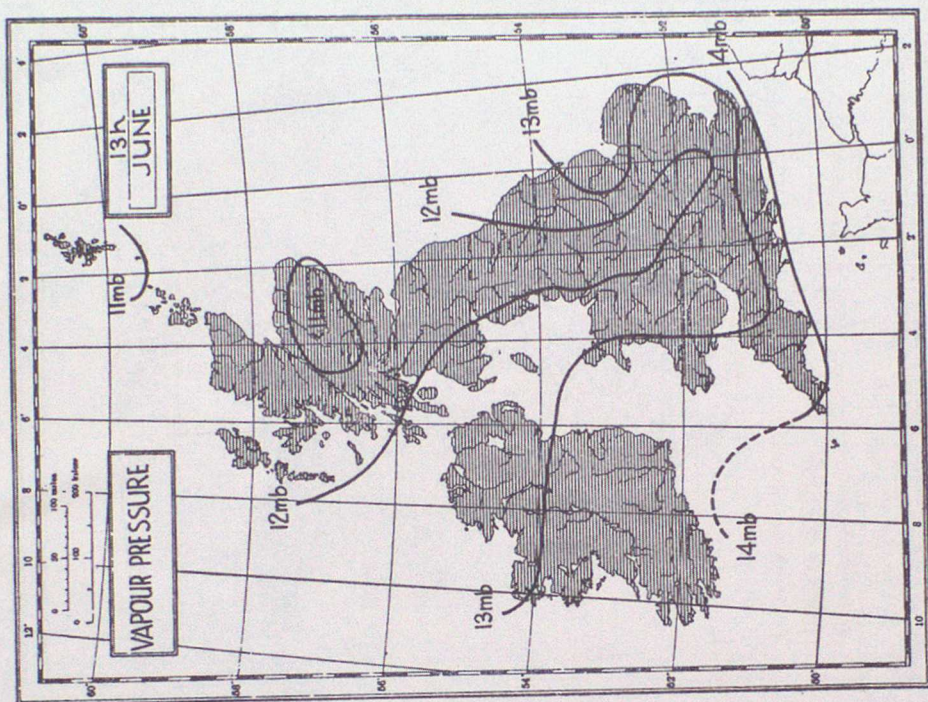


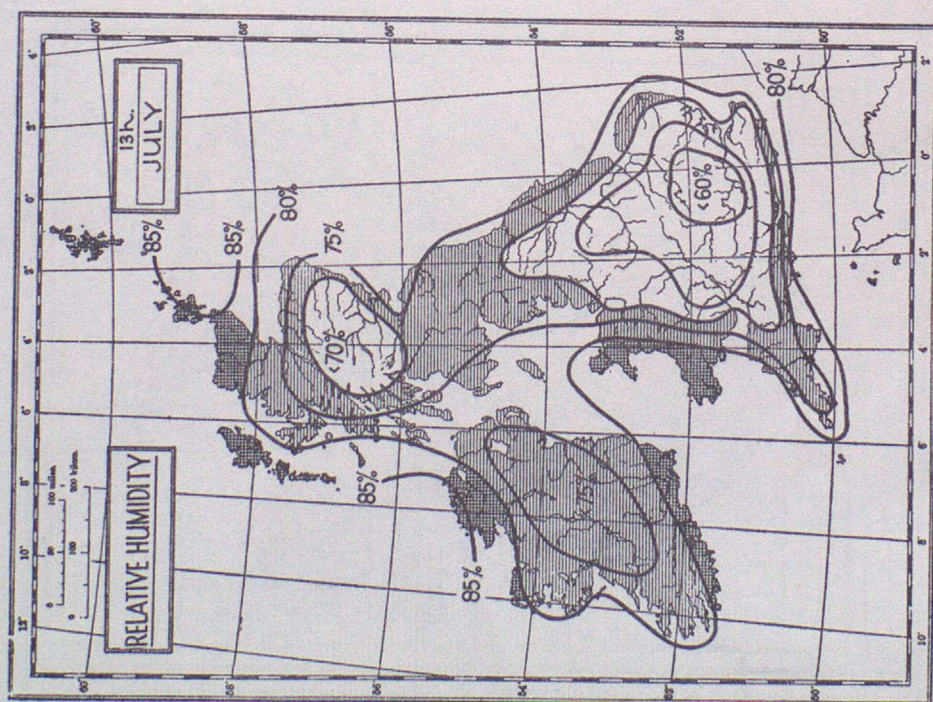
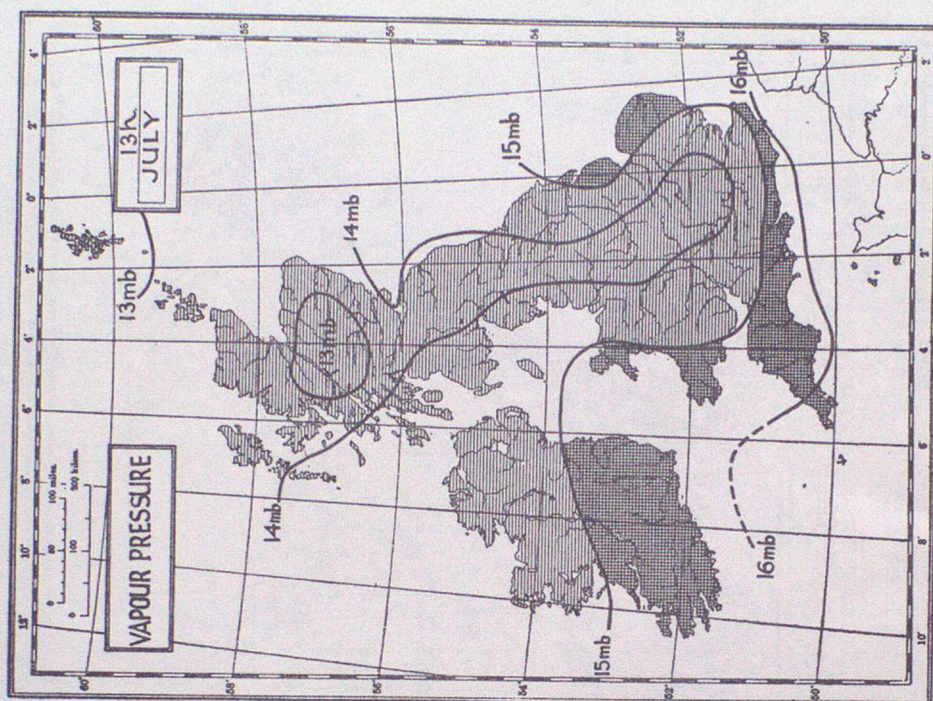


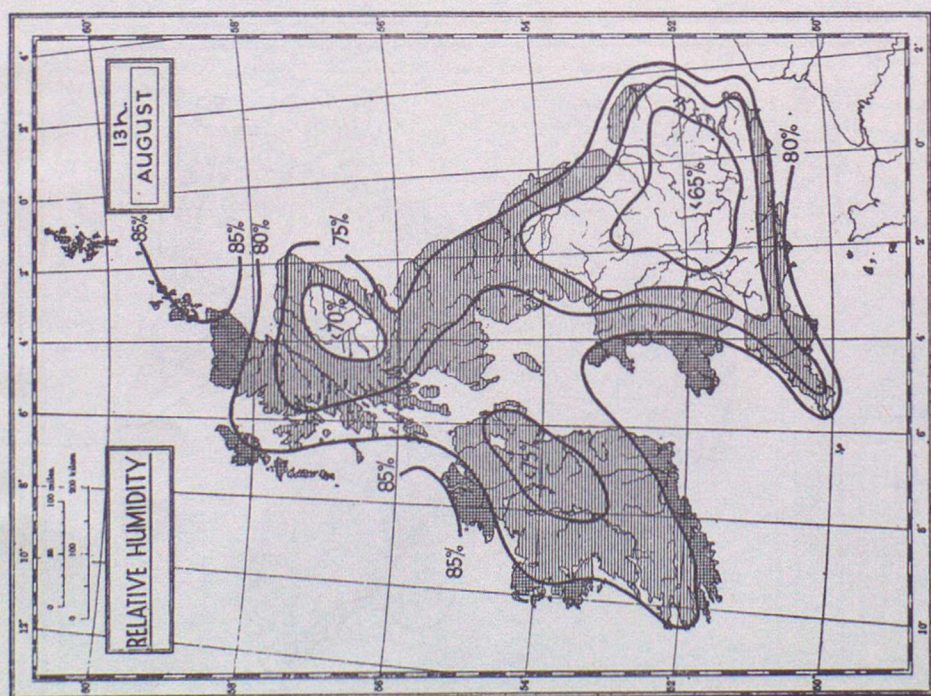
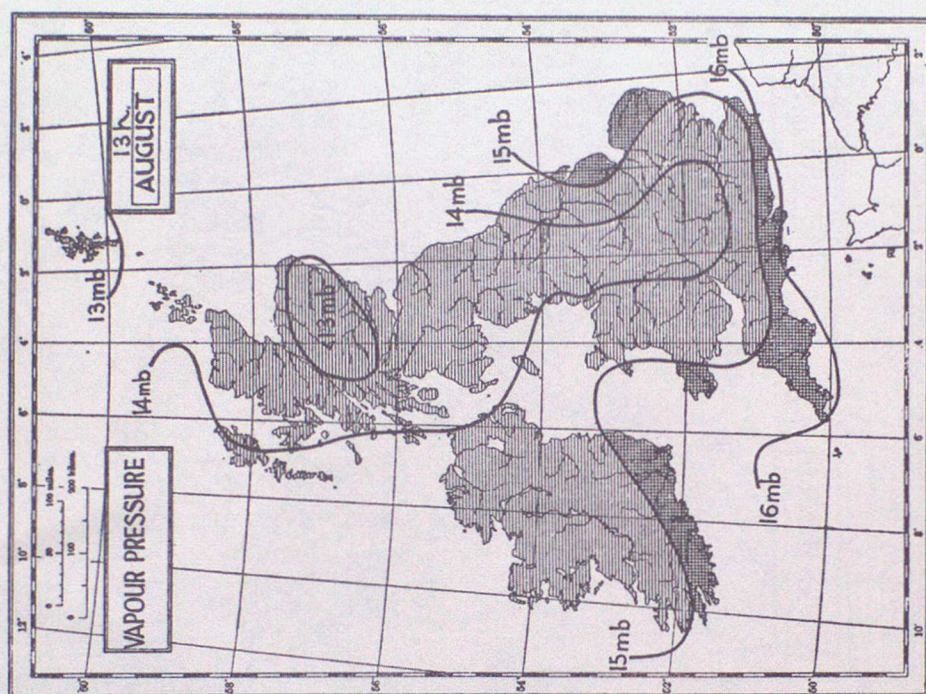


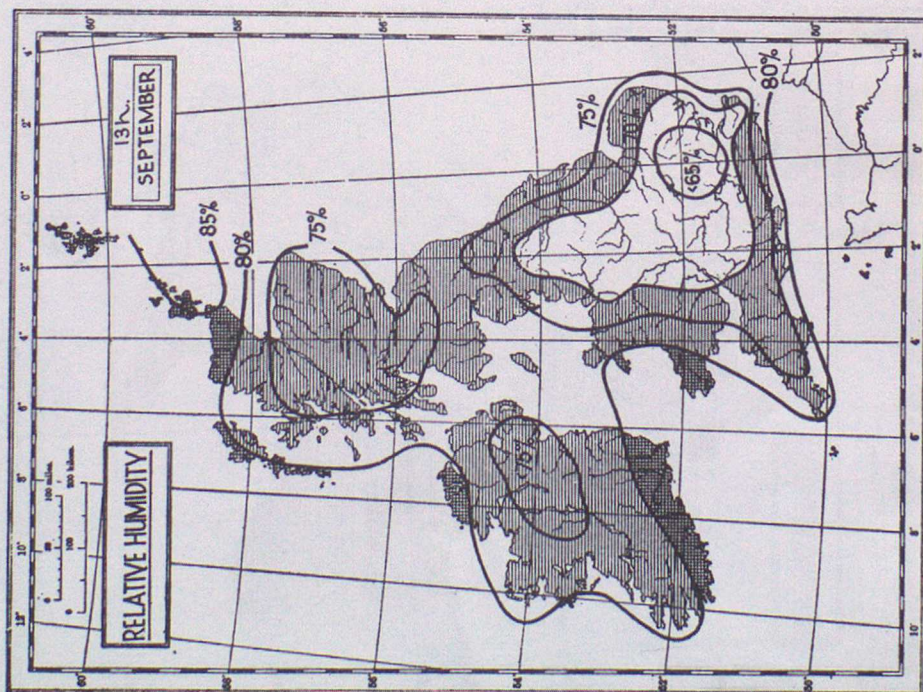
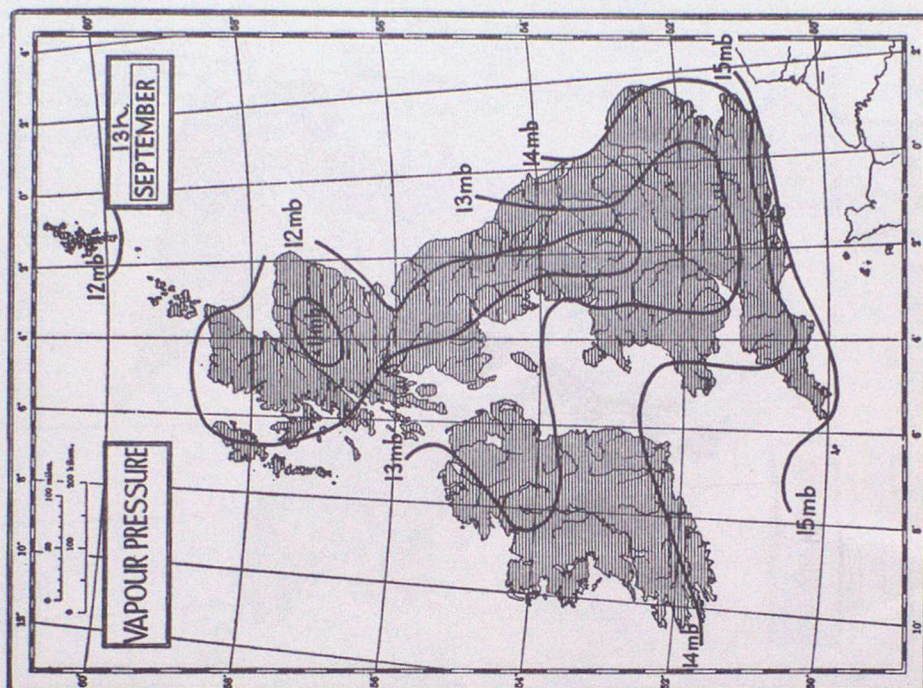


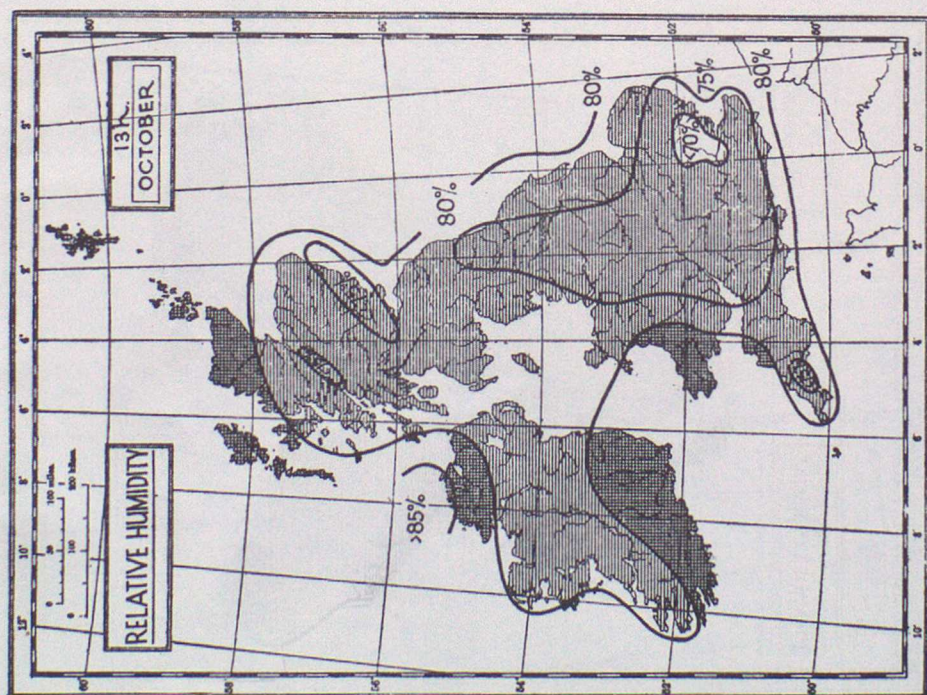
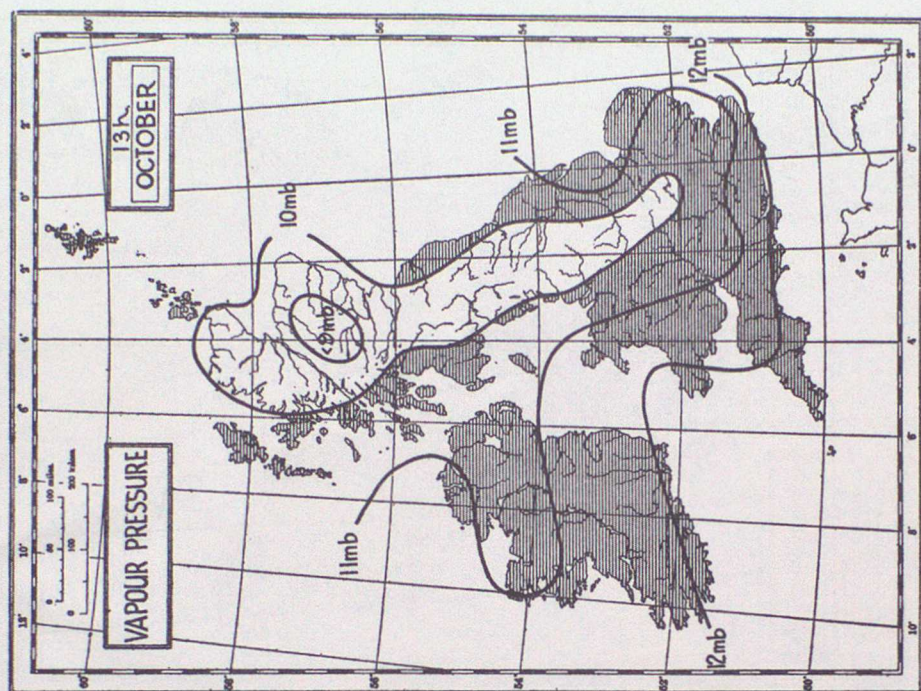


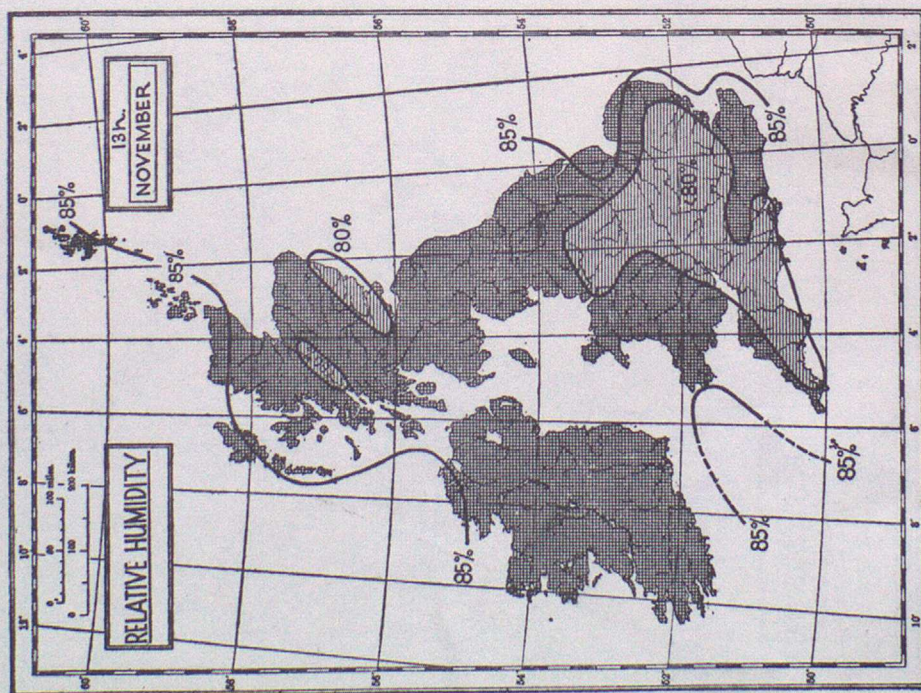
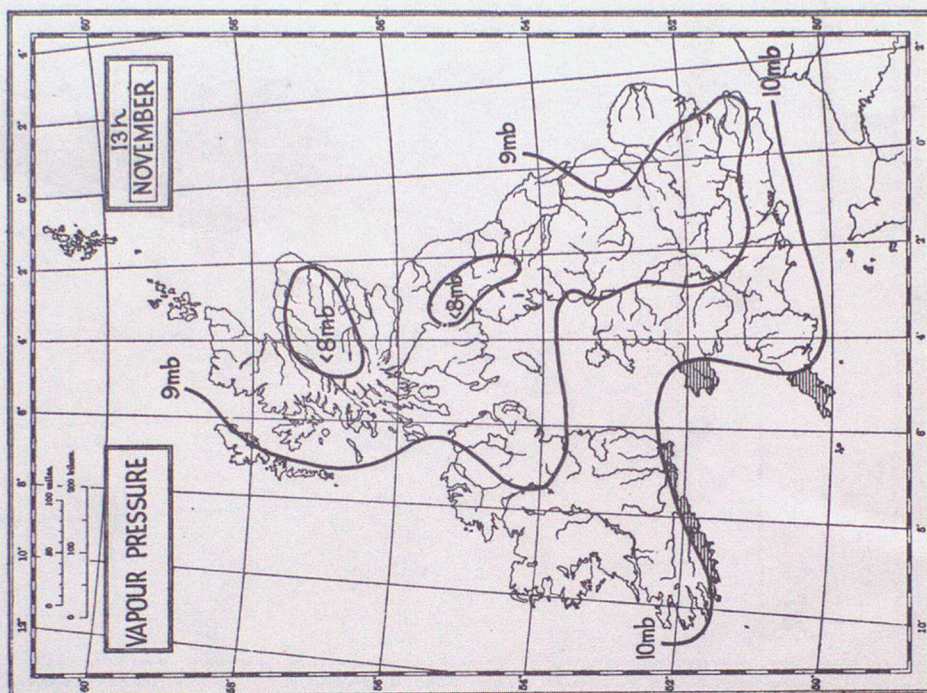


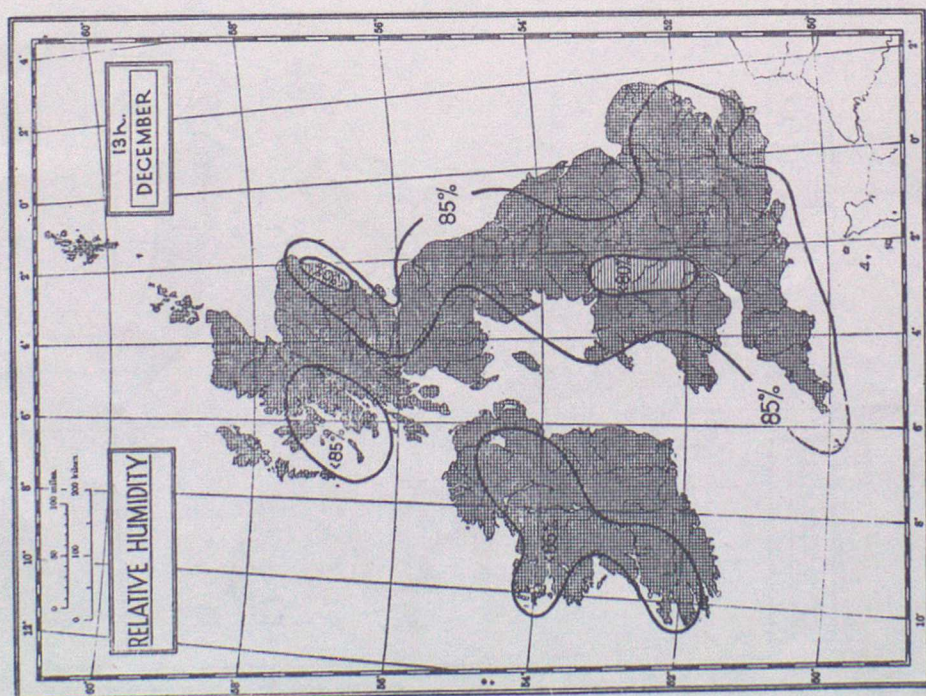
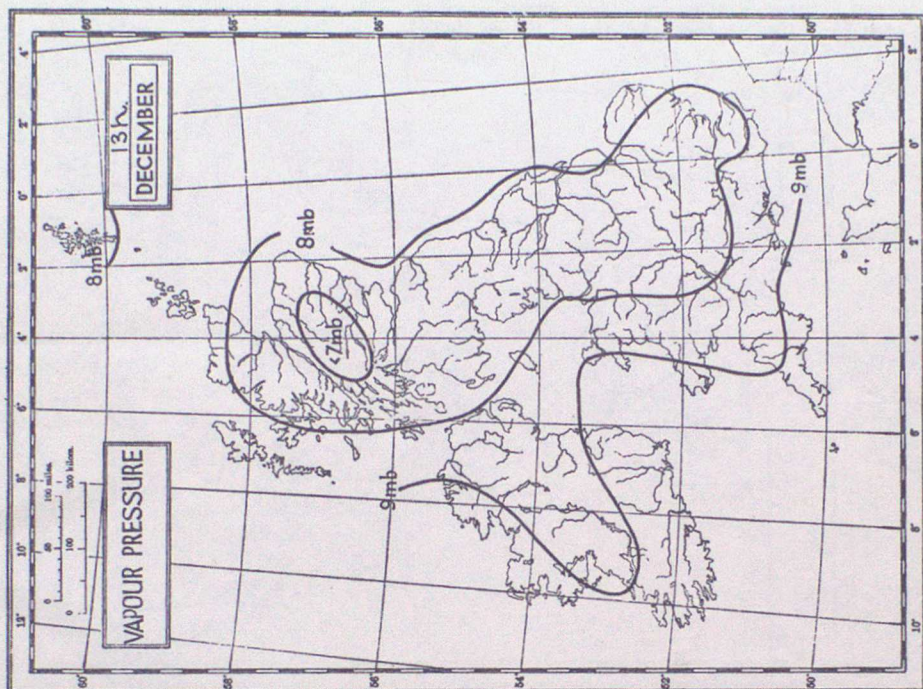




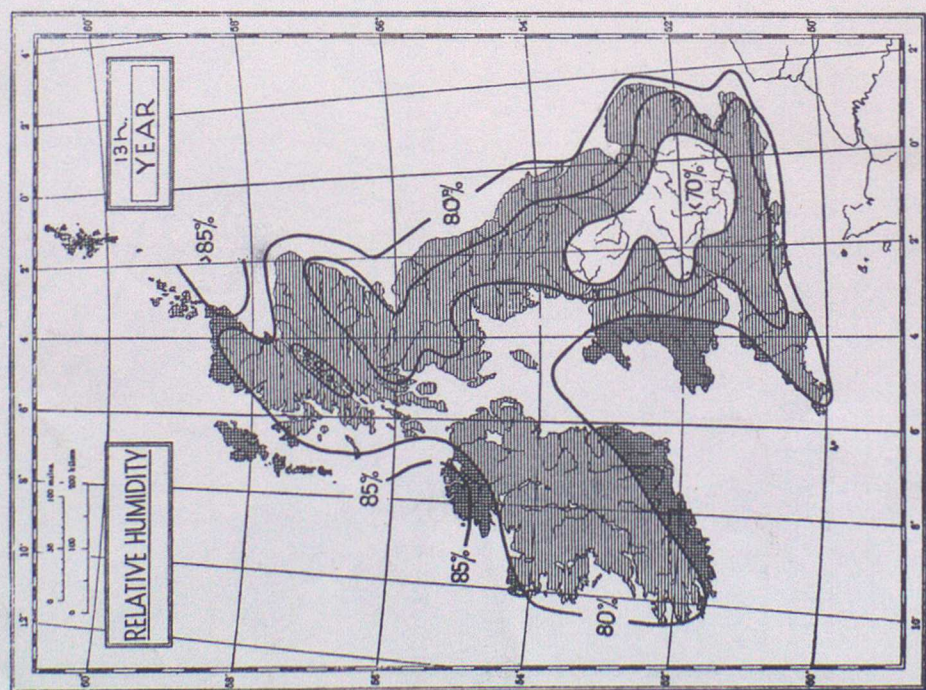
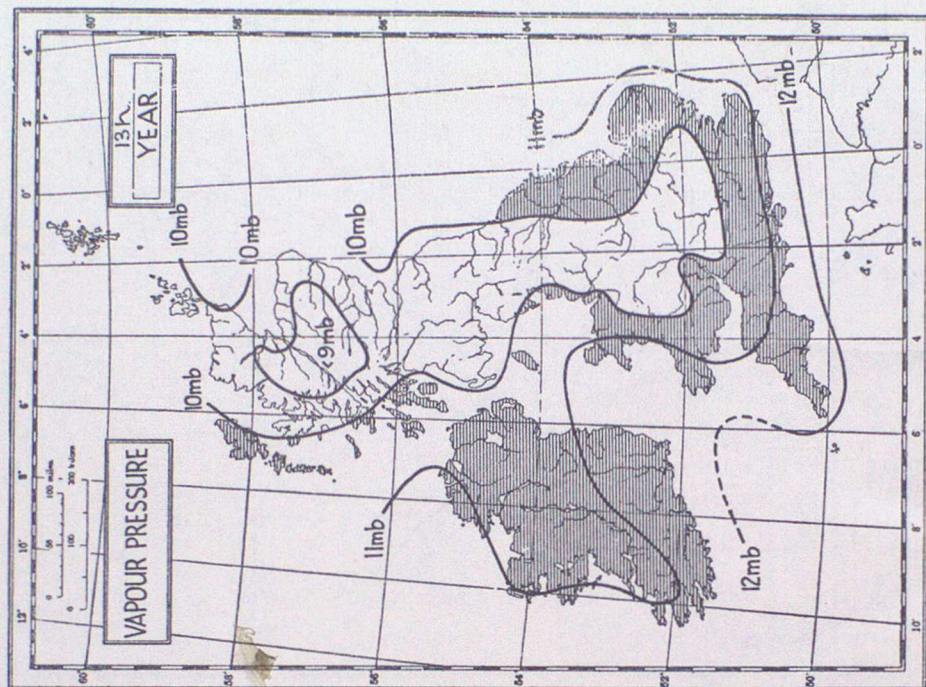








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